Energy and Carbon Statement

Weston Halls & Pendulum Hotel

December 2025



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Client

iQ Student Accommodation

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1. Introduction

1.1 Introduction

This Energy and Carbon Statement has been prepared by Turley Sustainability & ESG, on behalf of iQ Student Accommodation (the 'Applicant', 'iQ') to accompany a full planning application to Manchester City Council ('MCC') for Purpose-Built Student Accommodation (PBSA) at Weston Halls and Pendulum Hotel at 78 Sackville Street, M1 3BB in Manchester (the 'Site').

The Statement demonstrates the positive measures that are incorporated into the development proposals to ensure high levels of environmental sustainability performance in accordance with national and local policy objectives.

1.2 Site Context

The Site comprises of approximately 0.72 hectares ('ha') of land. It is bound by Charles Street to the north; Sackville Street to the east; a raised platform to the south which connects to University of Manchester buildings (George Begg Building, John Garside Building and Faraday Tower) to the south; and a surface-level car park and Hotel Ibis Manchester Centre Princess Street which front onto A34 Princess Street.

The Site comprises two interconnected building blocks with a shared main entrance, courtyard and a limited degree of landscaping:

Weston Hall, which is a part 5, part 6 storey purpose built student accommodation development comprising of 528 bed space. The Echoes Day Nursey occupies part of the ground floor of Weston Hall under an occupational lease and is accessed from Charles Street.

The Pendulum Hotel, which is a part 5, part 6 storey hotel with 117 rooms and a conference centre and is part of the University of Manchester (UoM) campus buildings.

1.3 Proposed Development

The Proposed Development comprises the full demolition and redevelopment of the Weston Halls and Pendulum Hotel and the construction of purpose-built student accommodation ('PBSA') buildings comprising of 2,511 bed spaces.

- Phase A comprises the partial demolition of existing buildings, the erection of two purpose-built student accommodation (sui generis) buildings of 50 and part 17, part 8-storeys, associated amenity space and external landscaping, and the change of use of Pendulum Hotel to Purpose Built Student Accommodation, and,
- Phase B comprises the demolition of remaining existing buildings and erection of two purpose-built student accommodation (sui generis) buildings of 33 storeys, part-24 and part 8-storey, with 1-storey link building together with associated highways works, associated public realm. amenity space and other associated works for each relevant phase.

The formal planning description for the Proposed Development is *"Phased development comprising:*

(a) Partial removal of existing structures and erection of two buildings comprising purpose-built student accommodation (sui generis), one of 50 storeys and one of 17 storeys with an 8-storey link, together with associated amenity space, external landscaping, highways works, and

change of use of the Pendulum Hotel to purpose-built student accommodation; and

(b) Removal of remaining existing structures and erection of two buildings comprising purpose-built student accommodation (sui generis), one of 33 storeys and one of part-24 and part-8 storeys with a 1-storey link, together with associated amenity space, external landscaping, and highways works.

The Ground Floor Plan is shown in **Figure 1**.

1.4 Document Structure

This Energy and Carbon statement responds primarily to energy and carbon related local policy and specifically Policies JP-S2 and JP-S3 of Places for Everyone.

Chapter 2 of this Statement of this report provides an overview of relevant national and local legislation, planning policy and guidance.

Chapter 3 reports the energy and carbon approach taken by the team in line with the Greater Manchester Combined Authority (GMCA) Net Zero Submission Guidance.

Chapter 4 communicates how the Proposed Development is resilient to climate change and addresses wider sustainability credentials, including BREEAM.

Chapter 5 provides a summary of the report and sustainability benefits delivered.

The following reports are appended:

- Energy and Carbon Proforma
- Energy Modelling Outputs
- Overheating Study
- BREEAM Pre-assessment.



Figure 1: Level 00 Plan

2. Policy Context

2.1 National Policy and Guidance

This section sets out a summary of current national guidance and policy in relation to sustainable development.

2.1.1 National Planning Policy Framework

The National Planning Policy Framework (NPPF)[1] provides a framework for the development of locally prepared plans and the government's planning policies for England and how these are expected to be applied.

Paragraph 8 outlines the environmental objective of the Framework which includes mitigating and adapting to climate change and moving to a low carbon economy.

Paragraph 161 similarly confirms that the planning system should support the transition to net zero by 2050 in a changing climate, including providing support to proposals which contribute to radical reductions in greenhouse gas emissions and encourage the reuse of existing resources, as well as the development of low carbon energy.

Paragraph 163 confirms that the need to mitigate and adapt to climate change should be considered in preparing and assessing planning applications, taking into account the full range of potential climate change impacts.

Paragraph 164 expects new development to be planned for in ways that avoid increased vulnerability to the range of impacts arising from climate change, ensuring that suitable adaptation measures are provided where development is located in a vulnerable area.

Paragraph 166 of the Framework states that new development should:

- Comply with adopted Local Plan policies on local requirements for decentralised energy supply unless it can be demonstrated by the applicant, having regard to the type of development involved and its design, that this is not feasible or viable; and
- Take account of landform, layout, building orientation, massing and landscaping to minimise energy consumption.

Paragraph 167 states that LPAs should prioritise supporting energy efficiency and low-carbon heating improvements, such as installing heat pumps and solar panels, for both domestic and non-domestic buildings.

The NPPF recognises the role planning can play in support of the UK's pursuit of the United Nations Sustainable Development Goals (UNSDGs) which address social progress, economic wellbeing and environmental protection[2].

Figure 2: UN Sustainable Development Goals



[1] UK Government | NPPF

[2] UN Sustainable Development Goals

2.1.2 Building Regulations

Part L, Conservation of Fuel and Power – In 2022, the Building Regulations were updated as an interim step towards part of the roadmap to the 'full' Future Homes and Buildings Standard. The regulations aim to deliver homes and buildings that are of a higher quality, with lower energy bills and reduce GHG emissions by around 30% for new homes and 27% for non-domestic buildings.

In December 2023 the Government published the Future Homes Standard (FHS) and Future Buildings Standard (FBS) consultation. Homes and buildings will be 'zero-carbon ready', meaning that they will need no retrofitting to produce zero carbon emissions as the electricity grid decarbonises.

The FBS consultation includes two sets of proposals for top-lit spaces (such as warehouses) and side-lit spaces (such as PBSA). Two options are presented under the consultation:

- **Option 1:** Solar PV equivalent to 40% of floor area for side-lit spaces and 75% for top-lit spaces.
- **Option 2:** Solar PV coverage equivalent to 20% of floor area for side-lit spaces and 40% for top-lit spaces.

Part S, Infrastructure for Charging Electric Vehicles - **Part S** sets out guidance for electric vehicle (EV) charging infrastructure. For non-residential car parks with more than 10 spaces, at least one active EV charge point must be provided, with cabling to the remaining 20% of spaces.

Part O, Overheating - **Part O** sets out new requirements for mitigating overheating in residential buildings, specifying that residential developments must limit unwanted solar gains in the summer and provide means to remove heat.

2.1.3 UKGBC Framework

The UK Green Building Council's (UKGBC) Net Zero Carbon Buildings Framework[3] sets out high-level principles for achieving net zero carbon for construction and for operational energy within both homes and non-domestic buildings. Buildings can also be referred to as 'net zero ready' where they are able to meet net zero in operation should the occupiers purchase renewable energy.

The UKGBC Framework is referenced within Policy JP-S2 of Places for Everyone, as the definition for Net Zero.

The framework includes the following definitions:

Net Zero Carbon in Operation *- When the amount of carbon emissions associated with the building's operational energy on an annual basis is zero or negative. A net zero carbon building is highly energy efficient and powered from on-site and/or off-site renewable energy sources, with any remaining carbon balance offset.*

Net Zero Carbon in Construction *- When the amount of carbon emissions associated with a building's product and construction stages up to practical completion is zero or negative, through the use of offsets.*

The UKGBC does not include specific embodied or operational targets, however users are encouraged to review third-party resources e.g. RIBA Climate Challenge.

The Framework in its current form is set to be superseded later this year[4].

2.1.4 RIBA 2030 and London Energy Transformation Initiative (LETI) Standards

RIBA and LETI have published performance standards which are viewed as best practice by addressing embodied carbon and both regulated

[3] Net Zero Carbon Buildings Framework - UKGBC - UK Green Building Council

[4] UKGBC Framework Implementation Guidance

and unregulated energy beyond that required by building regulations.

RIBA (Royal Institution of British Architects) Climate Challenge Targets [5] are a series of voluntary performance targets for practices to adopt to reduce operational energy, embodied carbon, and potable water. The targets have been developed in consultation with industry experts and UK professional bodies from across the built environment industries and are in line with the emission reductions necessary to achieve net zero carbon for the whole UK build environment by 2050. Targets are presented for residential and non-residential developments around operational energy, embodied carbon, potable water use, and health and wellbeing to achieve by 2030 with interim targets for 2025.

2.1.5 Environment Act 2021

The Environment Act 2021[6] aims to improve air and water quality, protect wildlife, increase recycling and reduce plastic waste. It explicitly makes biodiversity net gain (BNG) a condition of planning permission by requiring all new developments in England to provide a 10% BNG.

2.2 Local Planning Policy

Relevant Manchester City Council (MCC) and GMCA planning policy are summarised below.

2.2.1 Places for Everyone

In March 2024, nine Greater Manchester (GM) councils adopted Places for Everyone (PfE) Joint Development Plan Document[7]. All policies within the plan are 'strategic policies' and local plans will need to be consistent with it and neighbourhood plans will need to be in general conformity with the strategic policies. The key sustainability, energy and climate change policies are summarised below:

Policy JP-S1 Sustainable Development: The policy reiterates GM's Vision to be at the forefront of action on climate change and includes a commitment to be carbon neutral by 2038. This commitment provides the basis for the other energy and carbon related policies in PfE.

The policy sets an expectation that development will apply a net zero carbon approach to operational emissions up until 2028, thereafter emissions in construction should be considered. Policy JP-S2 below then clarifies expectations in terms of meeting net zero in operation and construction.

Until FHS and FBS come into force, the PfE policy will follow its trajectory in relation to carbon reduction with applicants demonstrating how savings have been maximised following the energy hierarchy. From 2025, applicants will need to demonstrate carbon reductions have been maximised with an opportunity to offset any residual carbon to a carbon offset fund. The approach will be reviewed in line with future standards as they are introduced and is reliant on the Councils setting up an offset fund.

This Policy also includes 'Best Practice' Thresholds for reducing energy demand and onsite renewable energy generation within residential developments and is summarised in the below Table 1.

Table 1: PfE Targets for Reducing Energy Demand and On-Site Renewable Generation

Homes Space Heat Demand	Hot Water Demand	Renewable Energy Generation Targets
20kWh/m^2	*20% reduction	PV: 40% ground floorspace
*to be reviewed against FHS		

[5] 2030 Climate Challenge
[6] Environment Act 2021
[7] Places for Everyone Joint Development Plan Document (2024)

Policy JP-S2 Carbon and Energy: The policy supports delivering a carbon neutral GM through the following measures:

- Promoting the retrofitting of existing buildings;
- Promoting the use of life cycle cost and carbon assessment tools;
- Taking a positive approach to renewable and low carbon energy schemes;
- Increasing the range of nature-based solutions;
- An expectation that new development will, unless it can be demonstrated that it is not practicable or financially viable:

a) Be net zero carbon:

- From adoption - to regulated operational carbon emissions
- From 2028 – to all emissions 'in construction'.

From 2025 development should also calculate and minimise carbon emissions from unregulated emissions alongside regulated emissions, in line with the energy hierarchy.

From 2025 any residual carbon emissions that cannot be fully mitigated on-site should be offset. As an interim measure, development should be consistent with the Part L building regulations introduced in 2022, unless superseded.

Footnote 29 within PfE states that net zero carbon is defined by the UKGBC Framework (see **Section 2.1.3**).

b) Incorporate adequate electric vehicle charging points, in line with Part S of the building regulations, unless superseded by relevant Local Plan policies.

c) Prioritise connection to a renewable energy/heating/cooling network in the first instance or a low carbon network that is adaptable to non-fossil fuels at a later date.

d) In residential developments, achieve energy demand reductions in terms of space heat demand; hot water energy demand and the delivery of on-site renewable energy generation.

e) For non-residential developments, achieve at least BREEAM excellent standard (or equivalent) for the 'Ene 01 – reduction of energy use and carbon emissions' category rising to 'BREEAM outstanding' equivalent for Ene 01 from 2028.

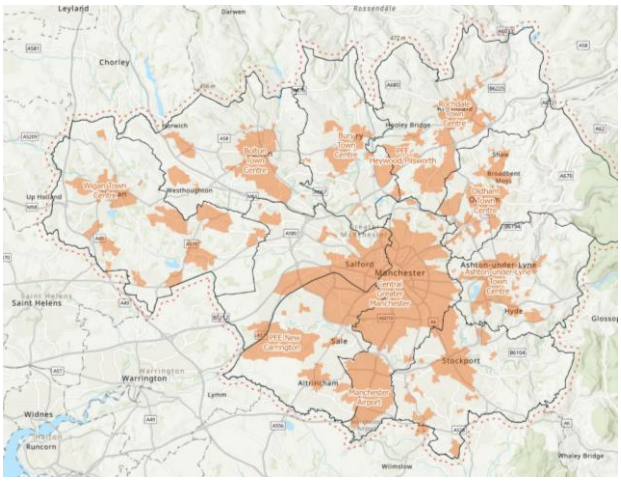
f) Include a detailed energy statement to demonstrate how the development has sought to maximise reductions in carbon emissions in line with relevant policy targets, including the minimisation of overheating risks and appropriate measures for post occupancy evaluation. Whole life cycle emissions should be considered where possible.

Policy JP-S3 Heat and Energy Networks: Within the identified "Heat and Energy Network Opportunity Areas", where practicable and viable, new residential developments that are over 10 dwellings or commercial developments that are over 1,000sqm floorspace shall:

- Connect to an existing or planned heat/energy network or be designed to enable future connection (where within 500m of such a network); and/or
- Install a site-wide or communal heat/energy network solution.

There is also an expectation that new industrial development will demonstrate that opportunities for using waste heat locally have been fully examined.

Figure 3: Heat and Energy Network Opportunity Areas



Policy JP-S4 Flood Risk and the Water Environment: Developments are expected to manage surface water runoff through sustainable drainage systems and as close to source as possible.

Sustainable drainage systems should:

- Be designed to provide multifunctional benefits wherever possible, including for water quality, nature conservation and recreation;
- Avoid adverse impacts on water quality and any possibility of discharging hazardous substances to ground;
- Be delivered in a holistic and integrated manner, including on larger sites split into different phases; and
- Be managed and maintained appropriately to ensure their proper functioning over the lifetime of the development.

As a minimum, residential development should meet the mandatory water efficiency standard of 125 litres/person/day as set out in Building Regulations. District local plans may and should consider setting a tighter water efficiency standard of 110 litres/person/day where there is a clear local need.

Policy JP-S6 Resource efficiency: The policy requires using sustainable design and construction techniques to reduce carbon emissions, adapt and future proof to the impact of climate change, reduce and recycle waste and minimise water use.

Policy JP-P1 Sustainable Places: The policy requires development to be socially inclusive, resilient, durable, resource-efficient, functional, convenient, well-connected, incorporating high quality and well managed green infrastructure and quality public realm, etc.

Policy JP-C1 An Integrated Network: The policy sets out a range of measures GMCA will support to help deliver an accessible, low carbon GM, including minimising both the need to travel and the distance travelled by unsustainable modes, ensuring that development considers the needs of all people and those modes which make most efficient and sustainable use of limited road space.

Policy JP-G2 Green Infrastructure Network: Wherever practicable, opportunities to integrate new and existing green infrastructure into new development will be taken to protect, enhance and expand the green infrastructure network.

Policy JP-G8 Net Enhancement of Biodiversity and Geodiversity: Through a range of measures, a net enhancement of biodiversity and resources will be sought.

Development is expected to follow the mitigation hierarchy to avoid harm to biodiversity and compensate for any harm caused. A measurable net gain of 10% should be achieved.

2.2.2 Net Zero Design Guidance

In March 2025 the GMCA published three guidance documents and a proforma[8] to support the implementation of the energy and carbon

[8] GMCA Net Zero Guidance

policies in Places for Everyone. The guidance includes:

- Design Guidance for Net Zero - guidance for applicants on how to design to achieve net zero carbon buildings.
- Low carbon heat - guidance for applicants on how to deliver heating systems which are low carbon, cost effective and affordable.
- Submission guidance for Places for Everyone policies JP-S2 and JP-S3.
- An energy and low carbon proforma (excel spreadsheet) to demonstrate compliance with the policy when submitting energy statements to the Local Planning Authority.

An overview of each of these documents is provided below.

Design Guidance for Net Zero

This document sets out design considerations for residential and non-residential buildings to meet policy JP-S2 and JP-S3. It is a design guidance document that has been introduced to explain the requirements of the PfE sustainability policies and introduces several targets that are not adopted policy but aspirational for applicants.

The guidance reiterates that net zero is defined by the UKGBC Net Zero Carbon Buildings Framework, and provides the following principles to achieve this:

- Minimise energy demand: achieve the space heating demand limits through energy efficient fabric and ventilation.
- Maximise energy efficiency: meet the total energy use (regulated and unregulated), through low carbon and energy efficient heating systems.
- Use renewable energy: maximise the generation of on-site renewable energy. There should be a balance between predicted annual energy use and annual renewable energy generation.
- Use low carbon energy: the building must not connect to the gas network or, more generally, use fossil fuels through a heat network. Low carbon heating systems must be installed.
- Reduce overheating risk: assess the risk of overheating and minimise it through window design and shading strategies.
- Minimise embodied carbon: embodied carbon should be minimised through efficient design and low carbon material selection. The building should meet the upfront embodied carbon benchmarks and the highest carbon materials used should be reported.
- Offsets: following the implementation of the above steps, financial contributions are the last step to offset the remaining emissions/energy. The decision to include offsetting will be determined by each local authority, with options currently under development.

Through the wording of the design guidance, it is understood that offsets would only be required for operational emissions, where an offset fund has been set up by the local planning authority.

Guidance is provided for applicants to design energy efficient and low carbon buildings, including considerations such as form factor, positioning of unheated facilities, ventilation, and building fabric.

Metrics and key performance indicators (KPIs) recommended within the guidance document relevant to the Proposed Development are summarised in the below **Table 2**.

	Major Non-residential
Space heating	≤15kWh/m^2/yr
Fossil fuel free	Yes
Reduce overheating risk	Meet CIBSE TM52

Table 2: GMCA Net Zero Guidance Metrics and KPIs relevant to the Proposed Development

Low Carbon Heat

This guidance document provides applicants with further information on how to deliver low carbon heating systems in line with policies JP-S2 and JP-S3.

It confirms that gas-fired heating systems are not compatible with achieving net zero carbon buildings and recommends the use of all-electric heating systems such as heat pumps.

Further detail is provided around heat and energy network opportunity areas in GM, and the guidance confirms that applicants assessing the feasibility of heat networks and low carbon heating should address the following:

- Environmental performance: whether the system uses fossil fuel or not and whether it will create any local pollution issues.
- Impact on residents: estimated energy, maintenance and replacement costs and additional costs compared to a 'benchmark' low carbon heating system.
- Impact on viability: estimated capital costs of selected heating system and additional costs compared to a 'benchmark' low carbon heating system.
- Infrastructure development: whether the scheme is proposing to connect to the local low carbon heat network or not with suitable justification for exemption if required.
- Consideration of embodied carbon/whole life carbon (optional).

A 'Low carbon heat appraisal' is recommended for all applications.

Submission Guidance

This document sets out the requirements for different types of applications including pre-app, outline, and detailed, to meet the requirements of policies JP-S2 and JP-S3.

For major non-residential detailed applications, the submission requirements are as follows:

- Energy and Carbon Statement
- Energy and Carbon Proforma

For detailed applications, the proforma is expected to be completed based on predictive modelling. The Energy and Carbon Statement are expected to include sections on:

- Building fabric and ventilation
- Maximise energy efficiency
- Renewable energy generation
- Low carbon heating
- Overheating risk
- Materials

Energy and Carbon Proforma

A proforma document is provided and must be completed for all applications.

2.2.3 Manchester's Core Strategy Development Plan Document (2012)

Manchester's Core Strategy (adopted 2012)[9] sets out the policies for Manchester's future development up to 2027. Several of the sustainability policies within the Core Strategy have been replaced by policies in the Places for

[9] Core Strategy | Manchester City Council

Everyone (PfE) Plan as of 21 March 2024[10], as noted below.

- Policy SP1 Spatial Principles replaced by JP-S1
- Policy T1 Sustainable Transport replaced by JP-C1
- Policy EN4 Reducing CO2 Emissions by Enabling Low and Zero Carbon Development replaced by JP-S2
- Policy EN6 Target Framework for CO2 Reductions from Low or Zero Carbon Energy Supplies replaced by JP-S2
- Policy EN8 Adaption to Climate Change replaced by JP-S2, JP-S4 and JP-G8
- Policy EN14 Flood Risk replaced by JP-S4
- Policy EN15 Biodiversity and Geological Conservation replaced by JP-G8
- Policy EN17 Water Quality replaced by JP-S4

The parts of the policy that are not superseded by the PfE Plan relevant to sustainability include:

Policy H12 Purpose Built Student Accommodation: The policy requires proposed PBSA sites to be located near the University or a high-frequency public transport route. Within the Oxford Road Corridor energy strategic area, developments must comply with Policy EN5's energy requirements. All proposals must also incorporate measures like informal surveillance to prevent crime and include waste management facilities that adhere to the waste hierarchy outlined in Policy EN19 from the outset.

Policy T2 Accessible areas of opportunity and need: The policy requires new developments to provide excellent pedestrian, cycle, and public transport access. Car parking is minimized in the accessible City Centre but disabled and cycle parking is required everywhere.

Policy EN5 Strategic Areas for low and zero carbon decentralised energy infrastructure: New developments that fall within low and zero carbon strategic areas must align with detailed plans for decentralized low and zero carbon energy infrastructure.

Policy EN9 Green Infrastructure: New developments must protect and enhance green infrastructure, maintaining its amount, quality, and functions. It should improve connectivity between green spaces, and any loss must be fully mitigated. The integration of green roofs, walls, and trees is encouraged to help urban areas adapt to climate change.

Policy EN19 Waste: The policy requires developers to submit a waste management plan aligned with the waste hierarchy, demonstrating how construction and occupant waste will be minimized, recycled, and transported sustainably. The policy further encourages innovation for a closed-loop waste system.

Policy DM1 Development Management:

All developments must address key design issues like layout, accessibility, safety, and heritage, with detailed guidance provided separately.

Furthermore, new commercial developments must demonstrate sustainable construction, specifically by applying BREEAM standards, with requirements for all non-domestic buildings to align with similar stringent standards by 2019.

2.2.4 Guide to Development in Manchester - Supplementary Planning Document (SPD) (2007)

This SPD[11] guides development to enhance the city's identity and sustainability. Key priorities include high-quality design, accessibility, and community safety. A key requirement for combating climate change is the submission of an Environmental Standards Statement with all planning applications, detailing how the

[10] https://www.greatermanchester-ca.gov.uk/media/9578/places-for-everyone-joint-development-plan-document.pdf

[11] Guide to Development in Manchester - Supplementary Planning Document and guidance | Manchester City Council

development will achieve sustainability ratings and incorporate renewable energy. This must include a BREEAM pre-assessment report, demonstrating that a minimum 'Very Good' rating is achievable.

2.3 Planning Policy Summary

PfE replaced the majority of MCC's Core Strategy and sets ambitious targets for new development, including achieving net zero carbon in regulated operational energy from 2025 (meeting building regulations as an interim measure), and net zero in construction from 2028.

The net zero guidance published by the GMCA in March 2025 provides some additional guidance and recommended targets to support the route to net zero carbon. However, the absence of details around the offset fund presents viability challenges given the costs of meeting this target cannot be estimated.

The following sections of this Energy and Carbon Statement set out the measures incorporated as part of the detailed design of the development to ensure the delivery of a sustainable development and addressing the requirements of local and national policies.

3. Energy and Carbon Strategy

3.1 Introduction

This chapter presents the Energy and Carbon Strategy proposed by iQ, setting the foundations to deliver a net zero carbon development to meet the ambition of the GMCA and MCC.

PfE supports the UK Government's objectives for energy efficient and low carbon development. Policies **JP-S1**, **JP-S2**, and **JP-S3** require reductions in energy use and carbon dioxide emissions in line with Greater Manchester's ambition to be carbon neutral by 2038.

Policy JP-S2 requires energy demand to be minimised as far as possible on site. The following sections are presented in line with the energy hierarchy and GMCA Net Zero Design Guidance as summarised in **Section 2.2.2:**

- Minimise energy demand (building fabric and ventilation)
- Maximise energy efficiency
- Renewable energy generation
- Low carbon heating
- Overheating
- Materials

3.2 Minimise Energy Demand

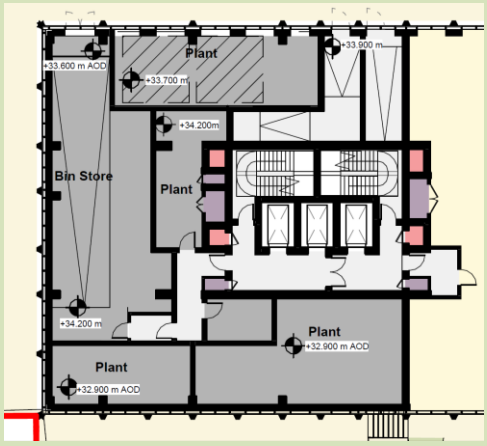
Reducing the energy demand of a building can be achieved through building form and the performance of building fabric, which considers heat loss, solar gain, and building orientation.

This 'fabric first' approach has benefits, including:

- Carbon savings delivered are 'locked-in' for the lifetime of the building (60 years or more) rather than the much shorter lifespan (around 25 years) of a renewable energy technology.
- Virtually no maintenance and/or replacement costs to maintain carbon reductions through improved fabric.
- Less reliance on an occupier's behaviour to deliver carbon reductions.

An overview of each design measure to minimise energy demand is provided in **Table 3** below.

Table 3: Proposed Approach to Minimise Energy Demand in line with the Net Zero Design Guide

Design Measure	Proposed Approach
Building Form	Each block has been designed efficiently, whilst maintaining a high quality design which promotes a sense of community. It is anticipated that a form factor of less than 2 can be achieved as per the Net Zero Guidance KPI.
Elevations and Windows	Windows will be sized and orientated to balance heat gain, heat loss and internal daylight in occupied spaces. The external walls will have a u-value of 0.13W/m^2K and windows will have a value of 1.0W/m^2K subject to detailed design. These values represent a 50% and 37% improvement over Part L 2021 minimum standards respectively.
Heated and Unheated Spaces	Unheated spaces are grouped, with plant rooms and bin stores placed together on the ground floors of the buildings. An example is shown in **Figure 4** below. Heated areas will be appropriately insulated to prevent wasted transfer of heat.  **Figure 4: Example of Grouped Unheated spaces on the ground floor**
Building Fabric Specification and Air Tightness	The buildings incorporate passive design measures that exceed the Part L 2021 requirements including an air tightness of 2.89 m^3/hr/m^2 @50Pa. The external wall and glazing specifications have been mentioned above, and additionally both the floor and roof are targeting a u-value of 0.10W/m^2K, which is a 44% improvement over Part L 2021 for the floor, and 37% improvement for the roof.
Ventilation	Mechanical ventilation with heat recovery (MVHR) will be used in all rooms. The design will consider how to limit ductwork to reduce inefficiencies and material wastage. Purge ventilation will be provided by openable windows to optimise natural ventilation, giving occupants final control over their room's environment.
Space Heating Demand	The applicant will target a space heating demand of less than 15kWh/m^2/ yr in line with the KPIs set out within the Net Zero Design Guide, however this will be subject to detailed design and completion of the CIBSE TM54 aligned energy modelling.

3.3 Maximise Energy Efficiency

Whilst energy usage is reliant on occupant behaviours, measures can be incorporated into the design to maximise energy efficiency and limit energy wastage. Such measures currently include within the design are:

- Mechanical Ventilation Heat Recovery (MVHR) for balanced ventilation
- Energy efficient LED lighting
- Internal and external lighting controls to minimise unnecessary use e.g. presence and daylight detection
- Reduced standing losses from pipes and cylinders
- High-efficiency, low-energy motors for all pumps and fans with appropriate controls to minimise operational energy consumption
- Building management system which monitors energy usage and can control heating systems to avoid out of hours use.

3.3.1 Predictive Energy Modelling

Regulated energy use is covered by the Building Regulations. It includes fixed loads such as lighting, heating, cooling, pumps and fans. Unregulated energy demands include plug in equipment and process loads and are generally difficult to predict.

Energy modelling of the regulated energy demand of the Proposed Development has been undertaken using IES – Virtual Environment software at this stage in the design. The results of this modelling are set out in **Table 4**, and the full SBEM outputs are provided within **Appendix 2**. SBEM also includes an estimate for 'equipment', which has been reported below to represent unregulated energy at this stage.

Comparing the results to Part L 2021 Target Primary Energy Rate, reductions of 9.4% and 12.6% are achieved for Phases A and B respectively.

In line with the GMCA requirements and BREEAM criteria, an in depth energy assessment will be undertaken using the methodology set out within CIBSE TM54: Evaluating operational energy use at the design stage (2022), to provide a more accurate estimate of total energy demand and EUI.

		Phase A	Phase B	Total
Regulated Energy Demand	kWh/m^2/yr	32.88	32.11	
	kWh/yr	1,432,483	1,183,542	**2,616,025**
	MWh/yr	1,432	1,184	**2,616**
Unregulated Energy Demand	kWh/m^2/yr	20.12	18.64	
	kWh/yr	876,052	687,052	**1,563,620**
	MWh/yr	877	687	**1,564**
Total Estimated Energy Demand (kWh/m^2/yr)		**53.00**	**50.75**	

Table 4: Estimated Regulated Energy Demand

3.4 Renewable Energy Generation

iQ recognises the importance of renewable energy generation as part of the delivery of net zero carbon Manchester.

A review of renewable energy technologies which could be suitable for inclusion within the Proposed Development is summarised below.

Solar Photovoltaics (PV) - Solar PV systems generate zero carbon electricity from sunlight and are well suited to buildings with unobstructed roof space. Excess power is exported to the grid or can be harnessed using battery storage. Maintenance requirements are typically minimal.

Solar Thermal - Solar thermal systems generate zero carbon hot water from sunlight in a similar manner to Solar PV. They require insulated tanks to store the hot water and have greater maintenance demands than solar PV. They can nevertheless be a highly cost-effective technology.

Solar PV has been identified as the most suitable renewable energy source for the Proposed Development.

3.4.1 Proposed System

A total of 649sqm of Solar PV array is proposed across the two phases. This quantum of PV equates to 136kWp, generating the following per year:

- Phase A – 44,039kWh / 44MWh
- Phase B – 45,924kWh / 46MWh

3.4.2 Renewable Energy Balance

The percentage of regulated energy demand met by renewable energy generation is shown in **Table 5** below.

The useable roof area per gross internal floor area is a significant constraint to deliver a renewable energy balance and net zero carbon in operation.

	Regulated Energy Demand (MWh/yr)	Renewable Energy Generated (MWh/yr)	Renewable Energy Balance (Regulated)
Phase A	1,432	44	3%
Phase B	1,184	46	4%

Table 5: Renewable Energy Balance

3.5 Low Carbon Heat

Policy JP-S3 states that developments should connect to a district heating scheme where such schemes exist, unless it can be demonstrated that there are more effective alternatives for minimising carbon emissions, or where such connection is not practical or financially viable.

The GMCA Heat Network Zoning (HNZ) Zone Opportunity Report[12] identifies the Site as being within the Central Greater Manchester Heat Network Zone. The Zone currently contains two operational district heat networks (Civic Quarter and Media City), 280 communal heat networks, and four planned district heat network developments.

According to the GMCA Low Carbon Heat Guidance, the Site is within location type "Case 3". Connection, or future connection, to a district heat network is therefore not required.

[12] GMCA Heat Network Zoning June 2025

3.5.1 Fossil Fuel Free

The Proposed Development will be fossil fuel free for heating, hot water, and cooking equipment.

3.5.2 Proposed Systems for Heating and Hot Water

Heat pumps provide low carbon heat sourced either from the ground (ground source heat pumps, GSHPs), water (water source heat pumps, WSHPs), or air (air source heat pumps, ASHPs). As heat pumps use electricity, they emit no air pollution, are low carbon and decarbonise in line with the power grid.

It is proposed that the domestic hot water will be provided by a centralised ASHP system, and heating will be provided via electric panel heaters.

These systems will be able to benefit from ongoing grid decarbonisation to support Manchester City Centre's carbon neutral ambitions.

3.5.3 Proposed Systems for Cooling

Subject to additional modelling and compliance with Part O, it is anticipated that bedrooms will be delivered without cooling, but that some space cooling will be provided within the shared and amenity spaces.

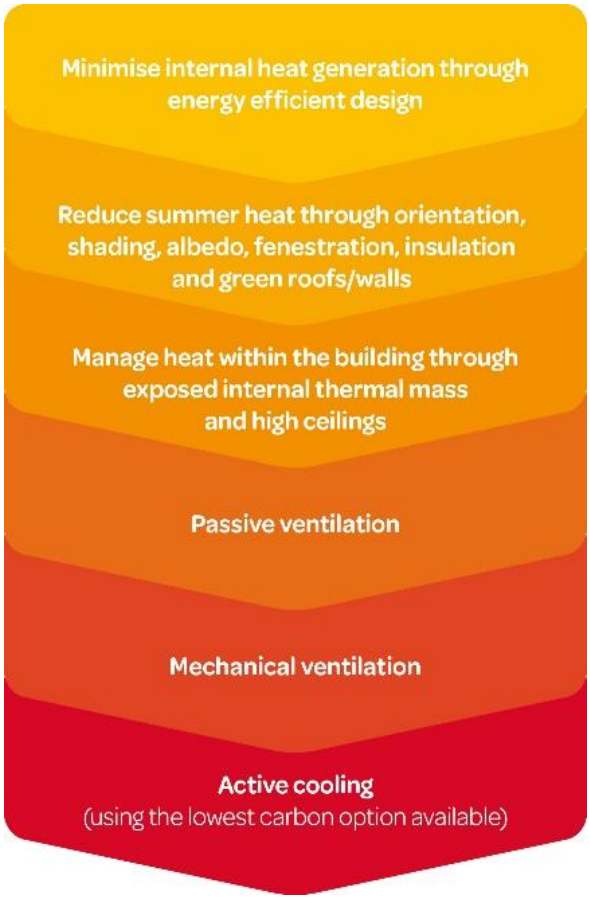
Cooling will be delivered in these areas using Variable Refrigerant Flow (VRF) and split systems.

3.6 Overheating

Based on Met Office UK Climate projections[13] using a high carbon emissions scenario (Representative Concentration Pathway (RCP) 8.5) which is considered the upper range of impacts, mean average temperatures could increase across Greater Manchester by up to 3.5°C [14] over the lifetime of new buildings. Subsequently, cooling demands will increase and heating demand will decrease. U-values and building fabric performance therefore need to be carefully balanced with passive design measures to limit excessive external heat gains and cooling demand.

Measures to limit overheating and control cooling demand should follow the cooling hierarchy, as shown in **Figure 5** to prioritise occupant comfort and reduce carbon emissions, in line with PfE's **Policy JP-S2**.

Figure 5: Cooling Hierarchy



The buildings have undergone dynamic thermal modelling to fully assess cooling demands and inform the passive principles of the design.

The results of the Overheating Study undertaken by Futureserv confirm that Building Regulations Part O and CIBSE TM59 can be achieved without

[13] UK Met Office Climate Projections

[14] GMCA | Greater Manchester Climate Change Risk Assessment (2024)

mechanical cooling, through the following measures:

- Optimised G-values for windows and curtain walling
- Purge panels within glazing
- MVHR within bedrooms, studios, and kitchens

Furthermore, green and blue infrastructure has been incorporated at ground level to reduce the urban heat island effect.

The full results of the study are provided within **Appendix 3**.

3.7 Materials

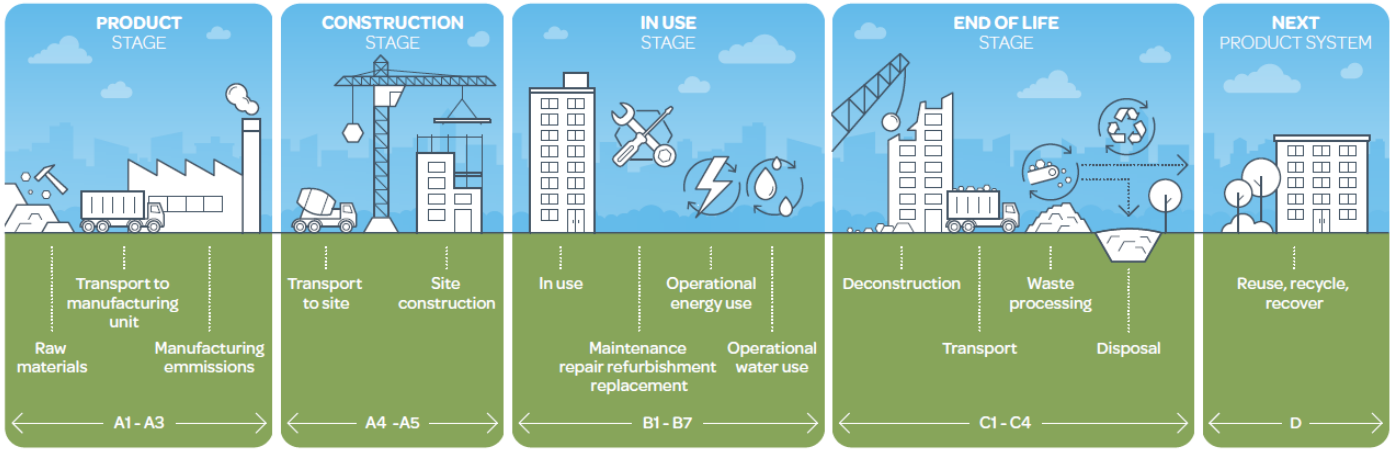
Progressive reduction of operational carbon within building regulations means that carbon associated with building materials and construction is an increased proportion of a buildings total carbon footprint and a greater contribution to climate change.

Policy JP-S2 requires whole lifecycle emissions to be considered where possible. A Whole Lifecycle Carbon Assessment (WLCA) in line with the Royal Institution of Chartered Surveyors (RICS) Professional Standard Whole life carbon assessment for the built environment 2nd edition has been completed at Concept Design to inform the design and compare results against industry benchmarks. Data for the WLCA was received in the form of a full RIBA Stage 2 Cost Plan and supplementary detailed information from Civic Engineers, Futureserv, Wintech Façade Designers, and iQ.

The WLCA considers all asset-related GHG emissions and removals, both operational and embodied, over the life cycle of a building or asset, including its disposal. **Figure 6** illustrates the life stages included in the assessment.

The following sections set out the results of the WLCA, and further measures to reduce carbon where possible.

Figure 6: Lifecycle Stages of a Building



3.7.1 Upfront Embodied Carbon

Construction or 'upfront' embodied carbon refers to the emissions associated with life stages A1-A5 as shown within **Figure 6**. These include emissions associated with material extraction and production, transport to site, and site processes (diesel use, electricity, waste production).

The upfront embodied carbon associated with construction is estimated to be 61,681 tonnes, equivalent to 767 $kgCO_2e/m^2$. Results from each Phase is shown below:

- Phase A: 33,035 tCO_2 / 758 $kgCO_2/m^2$
- Phase B: 28,647 tCO_2 / 777 $kgCO_2/m^2$

The 2nd edition of the RICS Guidance requires a top up factor of 15% during early design stages and uncertainty factors based on the quality of data received. These factors are included within the results.

3.7.2 Lifecycle Embodied Carbon

Embodied carbon (life stages A1–A5, B1–B5, C1–C4) is estimated to be 85,038 tonnes, equivalent to 1,057 $kgCO_2e/m^2$ accounting for grid decarbonisation.

The structural elements such as ready-mix concrete and steel reinforcement rebar are major carbon contributors due to their large quantities and material processing. Concrete is the highest impact material, contributing to 27% of the Product Stage (A1-A3) embodied carbon impact of the development.

Table 6: Top 10 Impact Materials (A1-A3)

Resource name	Embodied Carbon %	Embodied Carbon (tCO_2e)
Ready-mix concrete piles and slabs	11,290	27%
Ready-mix concrete columns, core walls, shear walls	6,357	15%
Steel rebar	4,794	12%
Curtain wall	4,108	10%
Precast Facade	1137	3%
Electricity Cables	1087	3%
Internal doors	943	2%
Plasterboard	764	2%
Steel framing system	769	2%

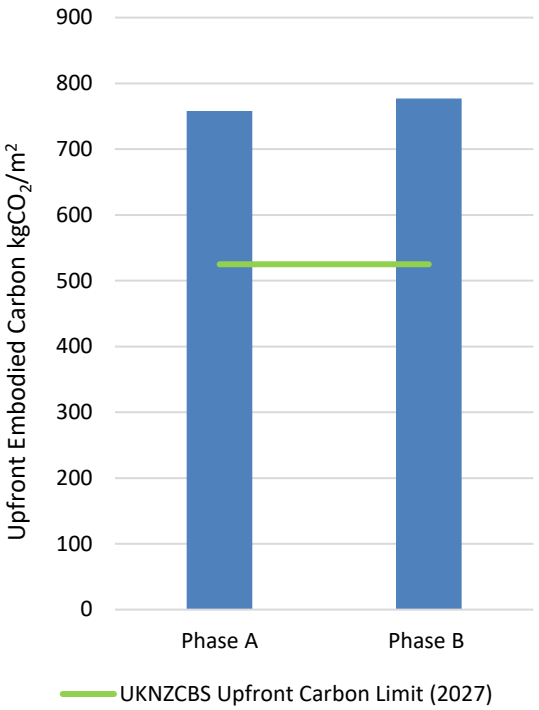
3.7.3 Comparison with Industry Benchmarks

The GMCA Net Zero Design Guidance recommends the reporting of upfront embodied carbon. No specific target is set for PBSA buildings within the PfE policy or the guidance, however comparison of results to the UK Net Zero Carbon Building Standard (UKNZCBS)[15] Pilot Version upfront carbon limits is suggested.

The graph below shows how the development compares with the UKNZCBS Upfront Carbon Limits for a commencement year of 2027. It should be noted that the limits are under review following pilot feedback that some limits are too ambitious. The top-up factor is also inflating results by 15%, and it is expected that the development's actual upfront carbon will be lower as detailed design and construction progresses.

[15] UKNZCBS Pilot Version

Figure 5: Comparison with UKNZBS Upfront Carbon Limits



3.7.4 Carbon Reduction

A number of carbon reduction opportunities have been explored as part of the assessment and will be considered further as the design progresses.

The most effective way to reduce the upfront carbon impact of development is through lean design and material efficiency to reduce the total amount of materials used. The project team will consider reducing the quantum of cement used on site, either through material efficiency (e.g. reducing floor slab thickness) or replacement with less carbon intensive materials such as ground granulated blast-furnace slag (GGBS). Additional considerations will include increasing the recycled content within aluminium façade modules, curtain walling and soffits, and specification of hardwearing and durable floor finishes. The specification of aluminium-timber composite window frames is being considered to reduce carbon emissions and weight within the superstructure.

The use of natural and less carbon intensive finishes is being considered, for example using hardwood skirting boards rather than MDF.

Products will be procured locally where possible, to reduce emissions associated with transport of materials to site. Construction site emissions will also be reduced through minimising diesel usage in generators and machinery. Such measures have been implemented on current schemes under construction and have provided a demonstrable reduction in carbon emissions directly emitted on site.

iQ implements a Design Guide which acts as a Sustainable Procurement Plan for their new buildings. The Design Guide prioritises low carbon products with Environmental Product Declarations and sets requirements for replacement and maintenance to extend the life of finishes. The end-of-life of products is carefully considered, with 'take-back' opportunities identified to reduce waste associated with disposal.

The demolition of Weston Halls and Pendulum Hotel provides opportunity for the reuse of materials on site. Reusable materials are likely to include concrete which can be crushed for use as aggregate, and any high-quality steel. Where materials are unsuitable for reuse, they will be recycled in the first instance at appropriate licensed facilities. An audit of existing materials will be undertaken to ascertain whether any can be used within the construction of the Proposed Development.

Furthermore, the location of the site provides an opportunity to maximise sustainable travel options including walking / cycling and public transport in preference to the private car. This approach will deliver further carbon emission reductions whilst promoting the health and wellbeing of building occupants through active travel.

3.8 Offsetting

The GMCA Net Zero Design Guidance confirms that offsetting will be at the discretion of the local planning authority. As there is no offset fund set up by MCC, a commitment to offset carbon cannot be made at this stage.

3.9 Energy and Carbon Summary

Where feasible, **Policy JP-S2** requires net zero in operation, and net zero construction emissions in new development from 2028. Furthermore the GMCA Net Zero Design Guidance provides a number of recommendations, which have been considered within this section.

The policy confirms that as an interim measure, the development should be consistent with the Part L building regulations introduced in 2022 (Part L 2021), unless superseded.

By targeting improvement beyond Part L 2021, and implementing an all-electric building services strategy, the development can be considered net zero ready in operation for when the UK National Grid decarbonises. Solar PV is provided to meet a portion of the energy demand, however the amount of roof space per gross internal floor area is a significant constraint to deliver a renewable energy balance and net zero carbon in operation from occupation.

As there is no offset fund set up by GMCA or MCC, a commitment to offset to the equivalent of zero emissions cannot be made at this stage.

4. Sustainability Strategy

4.1 Introduction

In addition to energy and carbon strategy discussed in **Chapter 4**, the Proposed Development will be designed with a holistic approach to sustainability that addresses a wide range of issues relating to the environment and climate change.

4.2 Sustainable Transport

A Transport Assessment and Travel Plan have been prepared by SLR Consulting Ltd summarising the baseline conditions in the vicinity of the Site, the accessibility of the Site relative to local facilities and services and outlines the proposed sustainable travel strategy, in line with the requirements of the PfE **Policy JP-C1**.

This section of the report provides a summary of the sustainable access and transport measures available and incorporated into the Proposed Development.

4.2.1 Local services and amenities

The Site occupies a strategic and highly accessible location on the southern periphery of the Manchester City Centre Core, served by a diverse range of existing key services and facilities including leisure, retail, food and beverage, and healthcare.

4.2.2 Walking/Cycling Access

The Site offers excellent pedestrian access to key Manchester destinations. To the north and east, connections via Charles Street and Sackville Street lead to Manchester Piccadilly station, the Northern Quarter, Piccadilly Gardens, and the main retail area. Charles Street and Princess Street provide direct walking access to the Oxford Road retail corridor, university campuses, and other amenities.

The Site is also bordered by two National Cycle Network (NCN) routes offering excellent cycling opportunities, both accessible via Charles Street. NCN Route 6 to the west provides connections north to Bury (via Salford) and south to Sale and Stockport. NCN Route 66 to the east offers a route northeast to Failsworth and Rochdale via the canal towpath.

4.2.3 Public Transport

The Site has a Greater Manchester Accessibility Level (GMAL) Score of 84, which makes it a highly sustainable location for public transport.

The site is well-served by local bus routes along Charles Street and is within 400 meters of Manchester Coach Station on Chorlton Street, providing access to national coach networks.

There are three railway stations within the vicinity of the Site - Manchester Piccadilly, Oxford Road, and Deansgate Castlefield, all within a 10-minute walk. These provide direct links to the National Rail Network, the Metrolink Tram Network, and Manchester Airport.

4.2.4 Sustainable Transport Measures

The following measures have been incorporated within the development proposals to encourage the use of active travel modes:

- No provision for car parking on site
- Cycle storage in line with BREEAM requirements
- Public transport information system within reception areas providing regularly updated

information from Transport for Greater Manchester

A Travel Plan Coordinator will manage the implementation of measures set out within the Travel Plan, and report on effectiveness.

Further detailed information on sustainable transportation and targets can be found in the Transport Assessment and Travel Plan which accompany the application.

4.3 Flood Risk

As set out within PfE's **Policy JP-S4** and its surrounding context, climate change is expected to significantly increase peak river flows and surface water run-off as a result of more intense rain events. The appropriate control of surface water run-off without increasing risk to new development and surrounding areas is therefore critical to climate resilience.

A Flood Risk Assessment (FRA) has been undertaken by Civic and is submitted separately to support the Application.

The FRA confirms that the Site is predominantly located within Flood Zone 2 with a portion of the Site within Flood Zone 1. The Site also has some medium and high risk of surface water flooding.

Risk of flooding from groundwater, reservoirs and sewers is considered low.

Flood resilience and sustainable drainage systems (SuDS) are proposed within the design to ensure that the occupants are not at risk of flooding during the lifetime of the buildings:

- Raising finished floor levels across the development
- Blue and green roofs
- Permable paving
- Two geocellular crates below ground

The SuDS features provide a total of 484m^3 of effective storage, restricting the peak discharge rate to 5.7 l/s for the 1 in 100 year event + 45% climate change.

Further information on the Site's flood risk and the proposed surface water management system can be viewed in the accompanying FRA and Surface Drainage Strategy.

4.4 Green Infrastructure

Incorporating green infrastructure into the design of new development supports climate resilience through the mitigation of the urban heat island effect and reducing surface water run-off. It also supports local biodiversity through maintaining and enhancing habitats for protected species.

PfE's **Policy JP-G8** requires development to follow the mitigation hierarchy to avoid harm to biodiversity and compensate for any harm caused.

4.4.1 Existing Site Condition

UES has undertaken ecological surveys of the Site to establish its current condition. The Site has a baseline value of as 0.14 habitat units, 0.00 hedgerow units, and 0.00 watercourse units. The biodiversity present on site includes frequently mown modified grassland, scattered scrub and non-native, invasive species Virginia creeper.

A bat survey on site confirmed the existing buildings had low potential to support roosting bats, with none found during the survey visit.

4.4.2 Mitigation

Given the low biodiversity currently on site, mitigation measures are limited to:

- Site clearance, arboricultural works and vegetation clearance are to take place outside of the breeding bird season and should not be undertaken from March to August inclusive.

- Virginia creeper is to be eradicated prior to the commencement of works within the affected areas.
- Any external lighting installed as part of the development should be designed to be wildlife friendly and avoid overspill onto habitats along the site boundaries.

4.4.3 Enhancement

The following enhancement measures are proposed to increase the biodiversity of the site and support climate resilience:

- Provision of bird and bat boxes
- New tree, shrub and ornamental planting with a high proportion of native species
- New amenity grassland

Through the implementation of the above enhancement measures, the Proposed Development is expected to deliver a biodiversity net gain of 1182%, which by far exceeds the mandatory 10% requirement.

The enhancements will also deliver multi-functional benefits including health and wellbeing, aesthetic value and climate resilience through drainage control and reduction of urban heating.

4.5 Water

Reduced summer rainfall will lead to increased risk of drought and water shortages. Reducing water usage and reliance on regional water supply will be increasingly important for buildings.

The Proposed Development is likely to have a high-water demand due to its residential nature. Water saving measures will be incorporated based on an approach which considers effectiveness, embodied carbon, maintenance and operational requirements.

It is anticipated that measures to reduce water demand and monitor usage will include:

- Low or dual flush WCs
- Reduced flow rate fixtures such as taps and showers
- Water saving kitchen equipment
- Water sub-meters on high usage systems
- Water leak detection system

Planting and green infrastructure will be designed to be drought resistant, ensuring that watering demand is as low as possible. No mechanical irrigation systems are proposed within the development.

Achieving BREEAM Excellent, discussed in further detail in **Section 4.6**, will ensure that water usage is considered and minimised.

4.6 Building Accreditation

PfE's **Policy JP-S2** requires BREEAM 'Excellent' (or equivalent) for the 'Ene 01 – reduction of energy use and carbon emissions' credit issue to be achieved, rising to BREEAM 'Outstanding' equivalent from 2028. Furthermore, Manchester City Council required a minimum 'Very Good' rating within the Core Strategy Policy DM1 and Guide to Development in Manchester SPD.

The Applicant will aspire to achieve overall BREEAM 'Excellent' standard. iQ has a track record of delivering 'Excellent' rated buildings, including Chandos House which has been certified at Design Stage.

This section provides a brief overview of the BREEAM strategy, supported by the BREEAM Pre-assessment within **Appendix 4**.

4.6.1 BREEAM Strategy

BREEAM is operated by the Building Research Establishment (BRE) and includes a range of criteria against which the sustainability performance of new buildings is assessed.

The current BREEAM New Construction standard is Version 6.1.2 under which the 'Multi-

Residential - long term stay' sub-scheme is applicable to the Proposed Development.

Turley has undertaken a Pre-assessment of the building (**Appendix 4**), demonstrating a score of 75,27% is achievable, which would deliver an 'Excellent' rating with a buffer over the 70% required. **Table 7** shows the proposed credits targeted within in each section, and overall as per the results of the pre-assessment.

It should be noted that the route to BREEAM compliance, as set out in the Pre-assessment, is subject to change during ongoing detailed design and construction.

Table 7: BREEAM Pre-assessment Results

Category	Percentage Targeted
Management	10.48%
Health & Wellbeing	8.11%
Energy	10.18%
Transport	10.00%
Water	4.67%
Materials	9.64%
Waste	4.20%
Land Use and Ecology	12.00%
Pollution	4.00%
Exemplary	2.00%
Score	75.27% (Excellent)

A summary of credits targeted within each category for the pre-assessment, and the value that meeting the criteria brings to the Proposed Development, is discussed in the following sections.

Management

The management category encourages the adoption of sustainable management practices in connection with design, construction, commissioning, handover and aftercare.

The credits within this category are awarded to project and design teams who consider and incorporate sustainability measures, involving key stakeholders from project brief through to occupation.

Sustainability practices targeted include life cycle costing, seasonal commissioning, consideration of construction site impacts, and post occupancy evaluation.

Health and Wellbeing

The Health and Wellbeing category of the BREEAM schemes has been aligned with the 'WELL' Standard, bringing the comfort of building occupiers to the forefront of the design.

Overheating within buildings is likely to be a significant effect of climate change and therefore thermal modelling has been carried out using software in accordance with CIBSE AM11, and the buildings' adaptability for projected climate change has been demonstrated by Futureserv to ensure the development doesn't overheat in current and future scenarios.

The indoor air quality, visual comfort, thermal comfort and acoustic performance of the development proposal will also be considered to ensure a comfortable, high quality living environment for the residents and staff.

Energy

The Energy category encourages the specification and design of energy efficient solutions, systems and equipment. The credit requirements support the reduction of carbon

emissions throughout the operational phase of the development proposal.

Extensive submetering will allow the building user to monitor energy performance to establish possible efficiencies during operation.

Transport

Credits are awarded on the basis of number of transport options available to the site predevelopment and as a result of the development.

As discussed in **Section 4.2**, the Site is within a highly accessible location, and there is excellent pedestrian infrastructure, cycling network, and public transportation network within the vicinity of the site. Sustainable transport measures are proposed to enhance this, including the provision of cycle parking, transport information point, and new amenities.

Water

The aim of the Water category is to reduce the consumption of internal and external potable water over the lifetime of the building and minimising losses through leakage.

Water saving measures through good practice design or specification have been incorporated to reduce internal water usage, which will be monitored through water meters and a leak detection system.

Materials

The Materials category encourages development to take a 'whole life cycle' approach to construction products, considering impacts of the supply chain from raw material, to end-of-life.

A life cycle assessment (LCA) of the development's superstructure (external walls, frame, roof etc.), substructure and hard landscaping has been undertaken during concept design stage, to model the environmental impact, including carbon emissions, associated with construction and materials. An options appraisal has also been undertaken to identify carbon 'hotspots', and measures which could reduce these emissions. Further details on measures considered to reduce embodied carbon are provided within **Section 3.7**.

To reduce material wastage associated with maintenance and replacement, protection measures have been incorporated into the detailed design to protect from damage that may arise from residents, staff and visitors, such as protecting internal areas from high usage wear and tear, trolley movement, pedestrian traffic, potential malicious damage or external areas from parking and/or delivery vehicles.

The design team will also consider the effect of environmental factors such as water ingress, solar radiation and temperature variation on the building.

Manufacturers with responsible sourcing accreditation, for example, BES6001, ISO14001, FSC and CARES certification will be prioritised during construction.

Waste

The Waste category encourages the reduction of waste associated with construction methods through measures implemented during the design and on-site management. The category also rewards design measures encouraging the building users to recycle waste during building operation.

The Proposed Development will minimise construction and operational waste in line with the waste hierarchy.

To promote waste reduction and recycling, new students will receive guidance on waste prevention, re-use, recycling, and proper disposal.

Additionally, the design is flexible and adaptable to climate change, change in use and refurbishment to reduce the environmental

impacts of excess material usage and waste in the future.

Land Use and Ecology

The aim of the Land Use and Ecology category is to encourage sustainable land use, habitat protection and creation and improvement of long-term biodiversity.

As discussed within **Section 4.4**, a biodiversity net gain of 1182% is anticipated on site.

Pollution

The aim of the Pollution category is to address the prevention and control of pollution and surface water run-off associated with the building's location and use.

Pollution issues covered within the credit requirements include light, noise, flooding and emissions to air, land and water.

The Proposed Development will utilise an all-electric building services strategy which will mitigate any adverse impact on local air quality.

Furthermore, pollution impacts associated with light and noise will be reduced and managed appropriately.

An FRA has been undertaken which identifies any risks to the development, and appropriate mitigation measures in line with the drainage hierarchy (**Section 4.3**).

Mitigation measures are being incorporated into the design to ensure surface water run-off is appropriately managed.

5. Conclusion

5.1 Introduction

This Energy and Carbon Statement has been prepared to demonstrate how the Proposed Development at Weston Halls and Pendulum Hotel responds positively to national and local sustainable policy requirements in relation to reducing energy and carbon emissions.

The key sustainability measures incorporated have been set out within previous chapters and are summarised below.

5.2 Energy and Carbon Strategy

Policies JP-S1 and **JP-S2** require reductions in energy use and carbon dioxide emissions to support Greater Manchester's ambition to be carbon neutral by 2038.

To meet the ambitions of the policy, regulated energy usage will be minimised on site in line with the energy hierarchy and aspirational targets set out within the GMCA Net Zero Design Guidance. Proposed measures at this stage include:

- **Minimise energy demand** through targeting fabric performance which betters the requirements of Part L 2021 as a minimum, balancing space heating and cooling demand with consideration to climate change in the region.
- **Maximise energy efficiency** through mechanical ventilation with heat recovery and energy efficiency lighting with suitable controls to minimise energy wastage. Unregulated energy demand will be considered further at detailed design once an energy model in line with CIBSE TM54 can be carried out.
- **Renewable energy generation** in the form of solar PV.
- **Low carbon heat** through a fossil-fuel free, all-electric development with ASHPs to deliver domestic hot water, and with electric panel heaters to deliver space heating. The Site is not within proximity to existing or planned heat networks, and therefore does not propose connection, or future connection.
- **Reducing overheating** through passive measures, including green and blue infrastructure, and consideration of window g-values. Active cooling is not anticipated within bedrooms but is likely to be provided within communal areas in the form of VRF.
- **Materials** used efficiently and selected to reduce embodied carbon of new buildings. A WLCA has been undertaken and estimates the upfront embodied carbon associated with the Proposed Development to be 61,681 tonnes, equivalent to **767 $kgCO_2e/m^2$**. This figure includes a 'top up' factor of 15%, as required by the 2nd edition of the RICS Guidance. It is therefore expected that the actual 'as built' results will be lower with improved data and the implementation of feasible carbon reduction measures.
- **Offsetting** is not committed to at this stage, as there is no offset fund set up by GMCA or Manchester City Council.

5.3 Wider Sustainability Strategy

In addition to reducing energy and carbon emissions, the Proposed Development considers wider sustainability issues, to ensure a holistic approach to environmental, social, and economic benefits.

Sustainable Transport

The Site is in a highly sustainable location with walking, cycling, and public transport links. The proposals will enhance active travel through the provision of cycle storage, and discourage private-car travel through providing car-free development.

Water

Water saving measures will be incorporated based on an approach which considers effectiveness, embodied carbon, maintenance and operational requirements.

Planting and green infrastructure will be designed to be drought resistant, ensuring that watering demand is as low as possible.

The development is targeting two credits under BREEAM Wat 01 to ensure that water usage is minimised.

Flood Risk

The Site is predominantly located in Flood Zone 2, with some risk of flooding from surface water runoff. The surface drainage strategy proposed comprises blue and green roofs, permeable paving and attenuation tanks to accommodate the 1 in 100-year storm event including a 45% allowance for climate change.

Green Infrastructure

The site currently comprises low levels of biodiversity, and through provision of enhancements such as new native tree and shrub planting, is estimated to deliver a 1182% biodiversity net gain on site.

The green infrastructure proposed will deliver multi-functional benefits including enhancing biodiversity, ecological connectivity, and promoting health and wellbeing for residents.

BREEAM

iQ Students have committed to achieving BREEAM Excellent at the Proposed Development and have a track record of achieving this standard.

Appendix 1: Energy and Carbon Proforma

Energy and Carbon Proforma

Non-residential

Major development *(+1,000m²)*

GMCA GREATER MANCHESTER COMBINED AUTHORITY

Version 1.0

Project Name: Weston Halls and Pendulum Hotel

Application ref:

Date: December 2025

		Ref. name	Phase A	Phase B
		Area (m²GIA)	43,567	36,859
		Target values	**Targets**	
Minimise energy demand	**Space heating demand (kWh/m²GIA/yr)**	***≤ 15***	7.68	7.39
	Space cooling demand (kWh/m²GIA/yr)	***≤ 15***	0.21	0.19
	Calculation methodology used to calculate space heating demand and confirmation that this covers all homes/blocks	*Predictive energy model*	SBEM	SBEM
	Form factor per building	*≤ 2*	≤ 2	≤ 2
	Average external wall U-value (W/m²K)	*≤ 0.15*	≤ 0.15	≤ 0.15
	Average window U-value (W/m²K)	*≤ 1 (triple)*	≤ 1	≤ 1
	Air permeability rate (m³/h/m² @ 50 Pa)	*≤ 1*	≤3	≤ 3
Maximise energy efficiency	**BREEAM Ene 01 rating**	***Excellent***	Excellent	Excellent
	Energy use intensity (kWh/m²GIA/yr)	-	53.00	50.75
	Calculation methodology used to calculate energy use intensity and confirmation that this covers all homes/blocks	*Predictive energy model*	SBEM	SBEM

Use renewable energy	**PV footprint area (% of ground floor space)**	**-**	33%	34%
	Annual renewable energy generation (kWh/m^2 building footprint/yr)	-	1.4	1.2
	Renewable energy balance (%) (regulated)	-	3%	4%
	Total energy used (MWh/yr) (regulated)	-	1,432	1,184
	Total energy generated on-site (MWh/yr)	-	44	46

Use low carbon energy	**Fossil fuel free (yes/no)**	***Yes***	Yes	Yes
	Heat source	*Electric*	Electric	Electric
	Low Carbon Heat Appraisal completed	*Yes*	No	No
	Heat network suitability	-	No	No
	Exemption requested	-		
	Efficiency of heating system (SCOP)	*≥ 3.5*	1 - 5	1 - 5
	Carbon content of heat (gCO_2/kWh)	*≤ 100*	≤ 100	≤ 100

Reduce overheating risk	**Has CIBSE TM52 been used to calculate overheating and does the building pass?**	***Yes***	Yes – CIBSE TM59 & Part O Pass	
	What percentage of spaces are cooled? (% of GIA)	-	2.95%	2.59%
	Has a CIBSE TM52 assessment been carried out using DSY2 and DSY3 weather files? Have any additional passive measures been included as a result?	*Yes*	To be completed at detailed design	To be completed at detailed design

Minimise embodied carbon	**Upfront embodied carbon ($kgCO_2e/m^2GIA$)**	**-**	758	777
	List top three materials with the highest upfront embodied carbon emissions ($kgCO_2e/m^2GIA$): Material 1 [anticipated]	-	Ready-mix Concrete	
	Material 2 [anticipated]	-	Steel reinforcement	
	Material 3 [anticipated]		Curtain wall	
	Lifecycle embodied carbon ($kgCO_2e/m^2GIA$) - *for large major developments only*	-	1,052	1,063

Offsets	**Offset contribution (£)**	**-**	N/A	N/A

Appendix 2: Energy Modelling Outputs

BRUKL Output Document

HM Government

Compliance with England Building Regulations Part L 2021

Project name

Weston and Pendulum - Phase A

As designed

Date: Mon Dec 08 01:28:27 2025

Administrative information

Building Details

Address: Weston and Pendulum - Phase A,

Certifier details

Name: Futureserv

Telephone number:

Address: , ,

Certification tool

Calculation engine: Apache

Calculation engine version: 7.0.28

Interface to calculation engine: IES Virtual Environment

Interface to calculation engine version: 7.0.28

BRUKL compliance module version: v6.1.e.1

Foundation area [m²]: 448.37

The CO_2 emission and primary energy rates of the building must not exceed the targets

Target CO_2 emission rate (TER), $kgCO_2/m^2annum$	3.43	
Building CO_2 emission rate (BER), $kgCO_2/m^2annum$	3.12	
Target primary energy rate (TPER), kWh_{PE}/m^2annum	36.31	
Building primary energy rate (BPER), kWh_{PE}/m^2annum	32.88	
Do the building's emission and primary energy rates exceed the targets?	BER =< TER	BPER =< TPER

The performance of the building fabric and fixed building services should achieve reasonable overall standards of energy efficiency

Fabric element	$U_{a\text{-}Limit}$	$U_{a\text{-}Calc}$	$U_{i\text{-}Calc}$	First surface with maximum value
Walls*	0.26	0.14	0.24	00000002:Surf[1]
Floors	0.18	0.1	0.1	00000012:Surf[0]
Pitched roofs	0.16	-	-	No pitched roofs in building
Flat roofs	0.18	0.1	0.1	0100012E:Surf[0]
Windows** and roof windows	1.6	0.74	1	00000043:Surf[1]
Rooflights***	2.2	-	-	No roof lights in building
Personnel doors^	1.6	-	-	No personnel doors in building
Vehicle access & similar large doors	1.3	-	-	No vehicle access doors in building
High usage entrance doors	3	-	-	No high usage entrance doors in building

$U_{a\text{-}Limit}$ = Limiting area-weighted average U-values [W/(m²K)] $U_{i\text{-}Calc}$ = Calculated maximum individual element U-values [W/(m²K)]

$U_{a\text{-}Calc}$ = Calculated area-weighted average U-values [W/(m²K)]

* Automatic U-value check by the tool does not apply to curtain walls whose limiting standard is similar to that for windows.

** Display windows and similar glazing are excluded from the U-value check. *** Values for rooflights refer to the horizontal position.

^ For fire doors, limiting U-value is 1.8 W/m²K

NB: Neither roof ventilators (inc. smoke vents) nor swimming pool basins are modelled or checked against the limiting standards by the tool.

Air permeability	Limiting standard	This building
m³/(h.m²) at 50 Pa	8	2.89

Building services

For details on the standard values listed below, system-specific guidance, and additional regulatory requirements, refer to the Approved Documents.

Whole building lighting automatic monitoring & targeting with alarms for out-of-range values	YES
Whole building electric power factor achieved by power factor correction	>0.95

1- Sys 4 VRF System and MVHR

	Heating efficiency	Cooling efficiency	Radiant efficiency	SFP [W/(l/s)]	HR efficiency
This system	5	7	0	1.1	0.8
Standard value	2.5*	N/A	N/A	2^	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					NO

* Standard shown is for all types >12 kW output, except absorption and gas engine heat pumps.

^ Limiting SFP may be increased by the amounts specified in the Approved Documents if the installation includes particular components.

2- Sys 5 Split Units

	Heating efficiency	Cooling efficiency	Radiant efficiency	SFP [W/(l/s)]	HR efficiency
This system	4	6	0	-	-
Standard value	2.5*	5	N/A	N/A	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					NO

* Standard shown is for all types >12 kW output, except absorption and gas engine heat pumps.

3- Sys 3 EPH and MVHR

	Heating efficiency	Cooling efficiency	Radiant efficiency	SFP [W/(l/s)]	HR efficiency
This system	1	-	0.2	-	0.8
Standard value	N/A	N/A	N/A	N/A	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					NO

4- Sys 2 EPH and Extract

	Heating efficiency	Cooling efficiency	Radiant efficiency	SFP [W/(l/s)]	HR efficiency
This system	1	-	0.2	-	-
Standard value	N/A	N/A	N/A	N/A	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					NO

5- Sys 1A EPH and MVHR (Studio / Twodio)

	Heating efficiency	Cooling efficiency	Radiant efficiency	SFP [W/(l/s)]	HR efficiency
This system	1	-	0.2	-	0.93
Standard value	N/A	N/A	N/A	N/A	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					NO

6- Sys 1B EPH and MVHR (Cluster)

	Heating efficiency	Cooling efficiency	Radiant efficiency	SFP [W/(l/s)]	HR efficiency
This system	1	-	0.2	-	0.91
Standard value	N/A	N/A	N/A	N/A	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					NO

1- DHW

	Water heating efficiency	Storage loss factor [kWh/litre per day]
This building	3.64	0.002
Standard value	2*	N/A

* Standard shown is for all types except absorption and gas engine heat pumps.

Zone-level mechanical ventilation, exhaust, and terminal units

ID	System type in the Approved Documents
A	Local supply or extract ventilation units
B	Zonal supply system where the fan is remote from the zone
C	Zonal extract system where the fan is remote from the zone
D	Zonal balanced supply and extract ventilation system
E	Local balanced supply and extract ventilation units
F	Other local ventilation units
G	Fan assisted terminal variable air volume units
H	Fan coil units
I	Kitchen extract with the fan remote from the zone and a grease filter
NB: Limiting SFP may be increased by the amounts specified in the Approved Documents if the installation includes particular components.	

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
00_Parcel_Store	-	-	-	1.1	-	-	-	-	-	-	N/A
00M_Staff_Changing	-	-	0.3	-	-	-	-	-	-	-	N/A
00M_Staff_WC	-	-	0.3	-	-	-	-	-	-	-	N/A
01_Ex_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
01_Ex_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
01_Ex_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
01_Ex_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
01_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_Ex_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_Ex_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_Ex_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_Ex_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T1_Acc_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T1_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T1_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T1_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T1_Twodio_01_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T1_Twodio_01_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T1_Twodio_01_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T1_Twodio_06_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T1_Twodio_06_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T1_Twodio_06_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
01M_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
02_Ex_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
02_Ex_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
02_Ex_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
02_Ex_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Acc_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Twodio_01_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Twodio_01_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Twodio_01_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Twodio_02_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Twodio_02_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Twodio_02_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Twodio_03_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Twodio_03_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Twodio_03_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Twodio_04_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Twodio_04_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Twodio_04_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Twodio_05_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Twodio_05_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Twodio_05_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Twodio_06_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Twodio_06_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Twodio_06_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
02_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
03_Ex_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
03_Ex_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
03_Ex_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
03_Ex_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Acc_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Twodio_01_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Twodio_01_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Twodio_01_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Twodio_02_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Twodio_02_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Twodio_02_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Twodio_03_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Twodio_03_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Twodio_03_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Twodio_04_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
03_T1_Twodio_04_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Twodio_04_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Twodio_05_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Twodio_05_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Twodio_05_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Twodio_06_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Twodio_06_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Twodio_06_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
04_Ex_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
04_Ex_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
04_Ex_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
04_Ex_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Acc_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
04_T1_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Twodio_01_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Twodio_01_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Twodio_01_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Twodio_02_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Twodio_02_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Twodio_02_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Twodio_03_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Twodio_03_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Twodio_03_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Twodio_04_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Twodio_04_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Twodio_04_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Twodio_05_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Twodio_05_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Twodio_05_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Twodio_06_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Twodio_06_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Twodio_06_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
04_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
05_Ex_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
05_Ex_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
05_Ex_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
05_Ex_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Acc_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Twodio_01_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Twodio_01_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Twodio_01_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Twodio_02_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Twodio_02_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Twodio_02_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Twodio_03_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Twodio_03_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Twodio_03_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Twodio_04_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Twodio_04_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Twodio_04_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Twodio_05_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Twodio_05_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Twodio_05_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Twodio_06_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Twodio_06_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Twodio_06_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
05_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Twodio_01_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Twodio_01_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Twodio_01_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Twodio_02_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Twodio_02_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Twodio_02_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Twodio_03_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Twodio_03_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Twodio_03_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Twodio_04_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Twodio_04_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Twodio_04_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Twodio_05_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Twodio_05_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Twodio_05_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Twodio_06_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Twodio_06_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Twodio_06_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
06_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Twodio_01_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Twodio_01_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Twodio_01_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Twodio_02_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Twodio_02_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Twodio_02_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Twodio_03_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Twodio_03_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Twodio_03_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Twodio_04_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Twodio_04_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Twodio_04_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Twodio_05_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Twodio_05_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Twodio_05_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Twodio_06_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Twodio_06_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Twodio_06_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
07_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Twodio_01_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Twodio_01_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Twodio_01_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Twodio_02_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Twodio_02_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Twodio_02_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Twodio_03_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Twodio_03_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Twodio_03_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Twodio_04_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Twodio_04_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Twodio_04_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Twodio_05_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Twodio_05_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Twodio_05_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Twodio_06_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Twodio_06_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Twodio_06_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
08_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Twodio_01_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Twodio_01_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Twodio_01_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Twodio_02_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Twodio_02_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Twodio_02_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Twodio_03_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Twodio_03_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Twodio_03_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Twodio_04_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Twodio_04_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Twodio_04_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Twodio_05_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Twodio_05_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Twodio_05_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Twodio_06_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Twodio_06_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Twodio_06_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
09_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Twodio_01_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Twodio_01_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Twodio_01_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Twodio_02_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Twodio_02_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Twodio_02_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Twodio_03_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Twodio_03_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Twodio_03_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Twodio_04_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Twodio_04_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Twodio_04_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Twodio_05_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Twodio_05_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Twodio_05_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Twodio_06_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Twodio_06_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Twodio_06_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
10_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Twodio_01_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Twodio_01_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Twodio_01_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Twodio_02_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Twodio_02_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Twodio_02_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Twodio_03_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Twodio_03_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Twodio_03_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Twodio_04_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Twodio_04_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Twodio_04_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Twodio_05_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Twodio_05_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Twodio_05_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Twodio_06_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Twodio_06_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Twodio_06_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
11_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Twodio_01_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Twodio_01_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Twodio_01_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Twodio_02_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Twodio_02_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Twodio_02_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Twodio_03_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Twodio_03_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Twodio_03_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Twodio_04_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Twodio_04_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Twodio_04_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Twodio_05_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Twodio_05_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Twodio_05_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Twodio_06_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Twodio_06_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Twodio_06_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
12_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Twodio_01_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Twodio_01_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Twodio_01_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Twodio_02_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Twodio_02_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Twodio_02_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Twodio_03_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Twodio_03_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Twodio_03_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Twodio_04_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Twodio_04_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Twodio_04_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Twodio_05_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Twodio_05_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Twodio_05_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Twodio_06_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Twodio_06_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Twodio_06_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
13_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Twodio_01_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Twodio_01_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Twodio_01_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Twodio_02_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Twodio_02_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Twodio_02_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Twodio_03_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Twodio_03_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Twodio_03_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Twodio_04_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Twodio_04_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Twodio_04_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Twodio_05_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Twodio_05_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Twodio_05_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Twodio_06_Bed_01	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Twodio_06_Bed_02	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Twodio_06_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
14_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
16_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
18_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
19_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
21_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
22_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
22_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
22_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
22_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
22_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
22_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
22_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
22_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
23_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
23_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
23_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
23_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
23_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
23_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
23_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
23_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
23_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
24_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
24_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
24_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
24_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
24_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
24_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
24_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
24_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
25_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
25_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
25_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
25_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
25_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
25_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
25_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
25_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
25_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
26_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
26_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
26_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
26_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
26_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
26_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
26_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
26_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
27_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
27_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
27_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
27_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
27_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
27_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
27_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
27_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
28_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
28_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
28_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
28_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
28_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
28_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
28_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
28_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
29_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
29_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
29_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
29_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
29_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
29_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
29_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
29_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
30_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
30_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
30_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
30_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
30_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
30_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
30_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
30_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
30_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
31_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
31_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
31_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
31_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
31_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
31_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
31_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
31_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
31_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
31_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
31_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
31_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
31_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
31_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
31_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
31_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
31_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
31_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
31_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
31_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
31_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
31_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
31_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
31_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
32_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
32_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
32_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
32_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
32_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
32_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
32_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
32_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
32_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
32_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
32_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
32_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
32_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
32_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
32_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
32_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
32_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
32_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
32_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
32_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
32_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
32_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
32_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
32_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
33_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
33_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
33_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
33_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
33_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
33_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
33_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
33_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
33_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
33_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
33_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
33_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
33_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
33_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
33_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
33_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
33_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
33_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
33_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
33_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
33_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
33_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
33_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
33_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
34_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
34_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
34_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
34_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
34_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
34_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
34_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
34_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
34_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
34_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
34_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
34_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
34_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
34_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
34_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
34_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
34_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
34_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
34_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
34_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
34_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
34_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
34_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
34_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
35_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
35_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
35_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
35_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
35_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
35_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
35_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
35_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
35_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
35_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
35_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
35_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
35_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
35_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
35_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
35_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
35_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
35_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
35_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
35_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
35_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
35_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
35_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
35_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
36_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
36_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
36_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
36_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
36_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
36_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
36_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
36_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
36_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
36_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
36_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
36_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
36_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
36_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
36_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
36_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
36_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
36_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
36_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
36_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
36_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
36_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
36_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
36_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
37_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
37_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
37_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
37_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
37_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
37_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
37_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
37_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
37_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
37_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
37_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
37_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
37_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
37_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
37_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
37_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
37_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
37_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
37_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
37_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
37_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
37_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
37_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
37_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
38_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
38_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
38_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
38_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
38_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
38_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
38_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
38_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
38_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
38_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
38_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
38_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
38_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
38_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
38_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
38_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
38_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
38_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
38_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
38_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
38_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
38_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
38_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
38_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
39_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
39_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
39_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
39_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
39_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
39_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
39_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
39_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
39_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
39_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
39_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
39_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
39_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
39_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
39_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
39_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
39_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
39_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
39_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
39_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
39_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
39_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
39_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
39_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
40_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
40_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
40_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
40_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
40_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
40_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
40_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
40_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
40_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
40_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
40_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
40_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
40_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
40_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
40_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
40_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
40_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
40_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
40_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
40_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
40_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
40_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
40_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
40_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
41_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
41_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
41_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
41_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
41_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
41_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
41_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
41_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
41_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
41_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
41_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
41_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
41_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
41_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
41_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
41_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
41_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
41_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
41_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
41_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
41_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
41_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
41_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
41_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
42_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
42_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
42_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
42_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
42_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
42_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
42_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
42_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
42_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
42_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
42_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
42_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
42_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
42_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
42_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
42_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
42_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
42_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
42_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
42_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
42_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
42_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
42_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
42_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
43_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
43_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
43_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
43_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
43_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
43_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
43_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
43_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
43_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
43_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
43_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
43_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
43_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
43_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
43_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
43_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
43_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
43_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
43_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
43_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
43_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
43_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
43_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
43_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
44_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
44_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
44_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
44_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
44_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
44_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
44_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
44_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
44_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
44_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
44_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
44_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
44_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
44_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
44_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
44_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
44_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
44_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
44_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
44_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
44_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
44_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
44_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
44_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
45_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
45_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
45_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
45_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
45_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
45_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
45_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
45_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
45_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
45_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
45_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
45_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
45_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
45_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
45_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
45_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
45_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
45_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
45_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
45_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
45_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
45_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
45_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
45_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
46_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
46_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
46_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
46_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
46_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
46_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
46_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
46_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
46_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
46_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
46_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
46_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
46_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
46_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
46_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
46_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
46_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
46_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
46_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
46_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
46_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
46_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
46_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
46_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
47_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
47_T2_Cluster_01_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
47_T2_Cluster_01_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
47_T2_Cluster_01_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
47_T2_Cluster_01_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
47_T2_Cluster_01_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
47_T2_Cluster_01_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
47_T2_Cluster_01_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
47_T2_Cluster_01_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
47_T2_Cluster_02_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
47_T2_Cluster_02_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
47_T2_Cluster_02_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
47_T2_Cluster_02_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
47_T2_Cluster_02_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
47_T2_Cluster_02_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
47_T2_Cluster_02_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
47_T2_Cluster_02_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
47_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
47_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
47_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
47_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
47_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
47_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
47_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
00_Amenity	110	-	-
00_Amenity	110	-	-
00_Bike_Store_01	135	-	-
00_Bike_Store_02	135	-	-
00_Bins_Store_01	135	-	-
00_Bins_Store_02	135	-	-
00_Circulation	138	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
00_Comms	120	-	-
00_Ex_Store	120	-	-
00_Fire_Lobby_01	138	-	-
00_Fire_Lobby_02	138	-	-
00_Fire_Lobby_03	138	-	-
00_Lift_Lobby_01	138	-	-
00_Lift_Lobby_02	138	-	-
00_Lift_Lobby_03	138	-	-
00_Lift_Lobby_04	138	-	-
00_Office	110	-	-
00_Parcel_Store	120	-	-
00_Plant_Cold_Water	135	-	-
00_Plant_Generator	135	-	-
00_Plant_LV	135	-	-
00_Plant_Sprinkler	135	-	-
00_Plant_Substation	135	-	-
00_Plant_Switchroom	135	-	-
00_Plant_Water_Storage	135	-	-
00_Reception	138	-	-
00_Stair_01	185	-	-
00_Stair_02	185	-	-
00_Stair_03	185	-	-
00_Stair_04	185	-	-
00_Store	120	-	-
00_Store	120	-	-
00_Store	120	-	-
00M_Circulation	138	-	-
00M_Staff_Changing	110	-	-
00M_Staff_WC	120	-	-
00M_Staff_Wellfare_01	110	-	-
00M_Staff_Wellfare_02	110	-	-
01_Amenity_01	110	-	-
01_Amenity_02	110	-	-
01_Amenity_03	110	-	-
01_Ex_Corridor	138	-	-
01_Ex_Studio_01	140	-	-
01_Ex_Studio_01_Ensuite	133	-	-
01_Ex_Studio_02	140	-	-
01_Ex_Studio_02_Ensuite	133	-	-
01_Ex_Studio_03	140	-	-
01_Ex_Studio_03_Ensuite	133	-	-
01_Ex_Studio_04	140	-	-
01_Ex_Studio_04_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
01_T1_Acc_Studio_01	140	-	-
01_T1_Acc_Studio_01_Ensuite	133	-	-
01_T1_Circulation	138	-	-
01_T1_Lift_Lobby_01	138	-	-
01_T1_Lift_Lobby_02	138	-	-
01_T1_Stair_01	185	-	-
01_T1_Stair_02	185	-	-
01_T1_Store	120	-	-
01_T1_Store	120	-	-
01_T1_Studio_01	140	-	-
01_T1_Studio_01_Ensuite	133	-	-
01_T1_Studio_02	140	-	-
01_T1_Studio_02_Ensuite	133	-	-
01_T1_Studio_03	140	-	-
01_T1_Studio_03_Ensuite	133	-	-
01_T1_Studio_04	140	-	-
01_T1_Studio_04_Ensuite	133	-	-
01_T2_Acc_Studio_01	140	-	-
01_T2_Acc_Studio_01_Ensuite	133	-	-
01_T2_Cluster_01_Bed_01	140	-	-
01_T2_Cluster_01_Bed_01_Ensuite	133	-	-
01_T2_Cluster_01_Bed_02	140	-	-
01_T2_Cluster_01_Bed_02_Ensuite	133	-	-
01_T2_Cluster_01_Bed_03	140	-	-
01_T2_Cluster_01_Bed_03_Ensuite	133	-	-
01_T2_Cluster_01_Bed_04	140	-	-
01_T2_Cluster_01_Bed_04_Ensuite	133	-	-
01_T2_Cluster_01_Bed_05	140	-	-
01_T2_Cluster_01_Bed_05_Ensuite	133	-	-
01_T2_Cluster_01_Bed_06	140	-	-
01_T2_Cluster_01_Bed_06_Ensuite	133	-	-
01_T2_Cluster_01_Bed_07	140	-	-
01_T2_Cluster_01_Bed_07_Ensuite	133	-	-
01_T2_Cluster_01_Corridor	138	-	-
01_T2_Cluster_01_Kitchen	115	-	-
01_T2_Cluster_02_Bed_01	140	-	-
01_T2_Cluster_02_Bed_01_Ensuite	133	-	-
01_T2_Cluster_02_Bed_02	140	-	-
01_T2_Cluster_02_Bed_02_Ensuite	133	-	-
01_T2_Cluster_02_Bed_03	140	-	-
01_T2_Cluster_02_Bed_03_Ensuite	133	-	-
01_T2_Cluster_02_Bed_04	140	-	-
01_T2_Cluster_02_Bed_04_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
01_T2_Cluster_02_Bed_05	140	-	-
01_T2_Cluster_02_Bed_05_Ensuite	133	-	-
01_T2_Cluster_02_Bed_06	140	-	-
01_T2_Cluster_02_Bed_06_Ensuite	133	-	-
01_T2_Cluster_02_Bed_07	140	-	-
01_T2_Cluster_02_Bed_07_Ensuite	133	-	-
01_T2_Cluster_02_Corridor	138	-	-
01_T2_Cluster_02_Kitchen	115	-	-
01_T2_Corridor_01	138	-	-
01_T2_Corridor_01	138	-	-
01_T2_Lift_Lobby_01	138	-	-
01_T2_Lift_Lobby_02	138	-	-
01_T2_Stair_01	185	-	-
01_T2_Stair_02	185	-	-
01_T2_Studio_01	140	-	-
01_T2_Studio_01_Ensuite	133	-	-
01_T2_Studio_02	140	-	-
01_T2_Studio_02_Ensuite	133	-	-
01_T2_Studio_03	140	-	-
01_T2_Studio_03_Ensuite	133	-	-
01_T2_Studio_04	140	-	-
01_T2_Studio_04_Ensuite	133	-	-
01_T2_Studio_06	140	-	-
01_T2_Studio_06_Ensuite	133	-	-
01_T2_Studio_07	140	-	-
01_T2_Studio_07_Ensuite	133	-	-
01M_Ex_Corridor	138	-	-
01M_Ex_Store	120	-	-
01M_Ex_Studio_01	140	-	-
01M_Ex_Studio_01_Ensuite	133	-	-
01M_Ex_Studio_02	140	-	-
01M_Ex_Studio_02_Ensuite	133	-	-
01M_Ex_Studio_03	140	-	-
01M_Ex_Studio_03_Ensuite	133	-	-
01M_Ex_Studio_04	140	-	-
01M_Ex_Studio_04_Ensuite	133	-	-
01M_T1_Acc_Studio_01	140	-	-
01M_T1_Acc_Studio_01_Ensuite	133	-	-
01M_T1_Acc_Studio_02	140	-	-
01M_T1_Acc_Studio_02_Ensuite	133	-	-
01M_T1_Circulation_01	138	-	-
01M_T1_Circulation_02	138	-	-
01M_T1_Circulation_03	138	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
01M_T1_Lift_Lobby_01	138	-	-
01M_T1_Lift_Lobby_02	138	-	-
01M_T1_Stair_01	185	-	-
01M_T1_Stair_02	185	-	-
01M_T1_Store	120	-	-
01M_T1_Store	120	-	-
01M_T1_Studio_01	140	-	-
01M_T1_Studio_01_Ensuite	133	-	-
01M_T1_Studio_02	140	-	-
01M_T1_Studio_02_Ensuite	133	-	-
01M_T1_Studio_03	140	-	-
01M_T1_Studio_03_Ensuite	133	-	-
01M_T1_Studio_04	140	-	-
01M_T1_Studio_04_Ensuite	133	-	-
01M_T1_Studio_05	140	-	-
01M_T1_Studio_05_Ensuite	133	-	-
01M_T1_Studio_06	140	-	-
01M_T1_Studio_06_Ensuite	133	-	-
01M_T1_Studio_07	140	-	-
01M_T1_Studio_07_Ensuite	133	-	-
01M_T1_Studio_08	140	-	-
01M_T1_Studio_08_Ensuite	133	-	-
01M_T1_Twodio_01_Bed_01	140	-	-
01M_T1_Twodio_01_Bed_01_Ensuite	133	-	-
01M_T1_Twodio_01_Bed_02	140	-	-
01M_T1_Twodio_01_Bed_02_Ensuite	133	-	-
01M_T1_Twodio_01_Kitchen	115	-	-
01M_T1_Twodio_06_Bed_01	140	-	-
01M_T1_Twodio_06_Bed_01_Ensuite	133	-	-
01M_T1_Twodio_06_Bed_02	140	-	-
01M_T1_Twodio_06_Bed_02_Ensuite	133	-	-
01M_T1_Twodio_06_Kitchen	115	-	-
01M_T2_Acc_Studio_01	140	-	-
01M_T2_Acc_Studio_01_Ensuite	133	-	-
01M_T2_Cluster_01_Bed_01	140	-	-
01M_T2_Cluster_01_Bed_01_Ensuite	133	-	-
01M_T2_Cluster_01_Bed_02	140	-	-
01M_T2_Cluster_01_Bed_02_Ensuite	133	-	-
01M_T2_Cluster_01_Bed_03	140	-	-
01M_T2_Cluster_01_Bed_03_Ensuite	133	-	-
01M_T2_Cluster_01_Bed_04	140	-	-
01M_T2_Cluster_01_Bed_04_Ensuite	133	-	-
01M_T2_Cluster_01_Bed_05	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
01M_T2_Cluster_01_Bed_05_Ensuite	133	-	-
01M_T2_Cluster_01_Bed_06	140	-	-
01M_T2_Cluster_01_Bed_06_Ensuite	133	-	-
01M_T2_Cluster_01_Bed_07	140	-	-
01M_T2_Cluster_01_Bed_07_Ensuite	133	-	-
01M_T2_Cluster_01_Corridor	138	-	-
01M_T2_Cluster_01_Kitchen	115	-	-
01M_T2_Cluster_02_Bed_01	140	-	-
01M_T2_Cluster_02_Bed_01_Ensuite	133	-	-
01M_T2_Cluster_02_Bed_02	140	-	-
01M_T2_Cluster_02_Bed_02_Ensuite	133	-	-
01M_T2_Cluster_02_Bed_03	140	-	-
01M_T2_Cluster_02_Bed_03_Ensuite	133	-	-
01M_T2_Cluster_02_Bed_04	140	-	-
01M_T2_Cluster_02_Bed_04_Ensuite	133	-	-
01M_T2_Cluster_02_Bed_05	140	-	-
01M_T2_Cluster_02_Bed_05_Ensuite	133	-	-
01M_T2_Cluster_02_Bed_06	140	-	-
01M_T2_Cluster_02_Bed_06_Ensuite	133	-	-
01M_T2_Cluster_02_Bed_07	140	-	-
01M_T2_Cluster_02_Bed_07_Ensuite	133	-	-
01M_T2_Cluster_02_Corridor	138	-	-
01M_T2_Cluster_02_Kitchen	115	-	-
01M_T2_Corridor_01	138	-	-
01M_T2_Corridor_01	138	-	-
01M_T2_Lift_Lobby_01	138	-	-
01M_T2_Lift_Lobby_02	138	-	-
01M_T2_Stair_01	185	-	-
01M_T2_Stair_02	185	-	-
01M_T2_Studio_01	140	-	-
01M_T2_Studio_01_Ensuite	133	-	-
01M_T2_Studio_02	140	-	-
01M_T2_Studio_02_Ensuite	133	-	-
01M_T2_Studio_03	140	-	-
01M_T2_Studio_03_Ensuite	133	-	-
01M_T2_Studio_04	140	-	-
01M_T2_Studio_04_Ensuite	133	-	-
01M_T2_Studio_06	140	-	-
01M_T2_Studio_06_Ensuite	133	-	-
01M_T2_Studio_07	140	-	-
01M_T2_Studio_07_Ensuite	133	-	-
02_Ex_Corridor	138	-	-
02_Ex_Store	120	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
02_Ex_Studio_01	140	-	-
02_Ex_Studio_01_Ensuite	133	-	-
02_Ex_Studio_02	140	-	-
02_Ex_Studio_02_Ensuite	133	-	-
02_Ex_Studio_03	140	-	-
02_Ex_Studio_03_Ensuite	133	-	-
02_Ex_Studio_04	140	-	-
02_Ex_Studio_04_Ensuite	133	-	-
02_T1_Acc_Studio_01	140	-	-
02_T1_Acc_Studio_01_Ensuite	133	-	-
02_T1_Acc_Studio_02	140	-	-
02_T1_Acc_Studio_02_Ensuite	133	-	-
02_T1_Circulation_01	138	-	-
02_T1_Circulation_02	138	-	-
02_T1_Circulation_03	138	-	-
02_T1_Lift_Lobby_01	138	-	-
02_T1_Lift_Lobby_02	138	-	-
02_T1_Stair_01	185	-	-
02_T1_Stair_02	185	-	-
02_T1_Store	120	-	-
02_T1_Store	120	-	-
02_T1_Studio_01	140	-	-
02_T1_Studio_01_Ensuite	133	-	-
02_T1_Studio_02	140	-	-
02_T1_Studio_02_Ensuite	133	-	-
02_T1_Studio_03	140	-	-
02_T1_Studio_03_Ensuite	133	-	-
02_T1_Studio_04	140	-	-
02_T1_Studio_04_Ensuite	133	-	-
02_T1_Studio_05	140	-	-
02_T1_Studio_05_Ensuite	133	-	-
02_T1_Studio_06	140	-	-
02_T1_Studio_06_Ensuite	133	-	-
02_T1_Studio_07	140	-	-
02_T1_Studio_07_Ensuite	133	-	-
02_T1_Studio_08	140	-	-
02_T1_Studio_08_Ensuite	133	-	-
02_T1_Studio_08_Ensuite	133	-	-
02_T1_Studio_09	140	-	-
02_T1_Twodio_01_Bed_01	140	-	-
02_T1_Twodio_01_Bed_01_Ensuite	133	-	-
02_T1_Twodio_01_Bed_02	140	-	-
02_T1_Twodio_01_Bed_02_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
02_T1_Twodio_01_Kitchen	115	-	-
02_T1_Twodio_02_Bed_01	140	-	-
02_T1_Twodio_02_Bed_01_Ensuite	133	-	-
02_T1_Twodio_02_Bed_02	140	-	-
02_T1_Twodio_02_Bed_02_Ensuite	133	-	-
02_T1_Twodio_02_Kitchen	115	-	-
02_T1_Twodio_03_Bed_01	140	-	-
02_T1_Twodio_03_Bed_01_Ensuite	133	-	-
02_T1_Twodio_03_Bed_02	140	-	-
02_T1_Twodio_03_Bed_02_Ensuite	133	-	-
02_T1_Twodio_03_Kitchen	115	-	-
02_T1_Twodio_04_Bed_01	140	-	-
02_T1_Twodio_04_Bed_01_Ensuite	133	-	-
02_T1_Twodio_04_Bed_02	140	-	-
02_T1_Twodio_04_Bed_02_Ensuite	133	-	-
02_T1_Twodio_04_Kitchen	115	-	-
02_T1_Twodio_05_Bed_01	140	-	-
02_T1_Twodio_05_Bed_01_Ensuite	133	-	-
02_T1_Twodio_05_Bed_02	140	-	-
02_T1_Twodio_05_Bed_02_Ensuite	133	-	-
02_T1_Twodio_05_Kitchen	115	-	-
02_T1_Twodio_06_Bed_01	140	-	-
02_T1_Twodio_06_Bed_01_Ensuite	133	-	-
02_T1_Twodio_06_Bed_02	140	-	-
02_T1_Twodio_06_Bed_02_Ensuite	133	-	-
02_T1_Twodio_06_Kitchen	115	-	-
02_T2_Acc_Studio_01	140	-	-
02_T2_Acc_Studio_01_Ensuite	133	-	-
02_T2_Cluster_01_Bed_01	140	-	-
02_T2_Cluster_01_Bed_01_Ensuite	133	-	-
02_T2_Cluster_01_Bed_02	140	-	-
02_T2_Cluster_01_Bed_02_Ensuite	133	-	-
02_T2_Cluster_01_Bed_03	140	-	-
02_T2_Cluster_01_Bed_03_Ensuite	133	-	-
02_T2_Cluster_01_Bed_04	140	-	-
02_T2_Cluster_01_Bed_04_Ensuite	133	-	-
02_T2_Cluster_01_Bed_05	140	-	-
02_T2_Cluster_01_Bed_05_Ensuite	133	-	-
02_T2_Cluster_01_Bed_06	140	-	-
02_T2_Cluster_01_Bed_06_Ensuite	133	-	-
02_T2_Cluster_01_Bed_07	140	-	-
02_T2_Cluster_01_Bed_07_Ensuite	133	-	-
02_T2_Cluster_01_Corridor	138	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
02_T2_Cluster_01_Kitchen	115	-	-
02_T2_Cluster_02_Bed_01	140	-	-
02_T2_Cluster_02_Bed_01_Ensuite	133	-	-
02_T2_Cluster_02_Bed_02	140	-	-
02_T2_Cluster_02_Bed_02_Ensuite	133	-	-
02_T2_Cluster_02_Bed_03	140	-	-
02_T2_Cluster_02_Bed_03_Ensuite	133	-	-
02_T2_Cluster_02_Bed_04	140	-	-
02_T2_Cluster_02_Bed_04_Ensuite	133	-	-
02_T2_Cluster_02_Bed_05	140	-	-
02_T2_Cluster_02_Bed_05_Ensuite	133	-	-
02_T2_Cluster_02_Bed_06	140	-	-
02_T2_Cluster_02_Bed_06_Ensuite	133	-	-
02_T2_Cluster_02_Bed_07	140	-	-
02_T2_Cluster_02_Bed_07_Ensuite	133	-	-
02_T2_Cluster_02_Corridor	138	-	-
02_T2_Cluster_02_Kitchen	115	-	-
02_T2_Corridor_01	138	-	-
02_T2_Corridor_01	138	-	-
02_T2_Lift_Lobby_01	138	-	-
02_T2_Lift_Lobby_02	138	-	-
02_T2_Stair_01	185	-	-
02_T2_Stair_02	185	-	-
02_T2_Studio_01	140	-	-
02_T2_Studio_01_Ensuite	133	-	-
02_T2_Studio_02	140	-	-
02_T2_Studio_02_Ensuite	133	-	-
02_T2_Studio_03	140	-	-
02_T2_Studio_03_Ensuite	133	-	-
02_T2_Studio_04	140	-	-
02_T2_Studio_04_Ensuite	133	-	-
02_T2_Studio_06	140	-	-
02_T2_Studio_06_Ensuite	133	-	-
02_T2_Studio_07	140	-	-
02_T2_Studio_07_Ensuite	133	-	-
03_Ex_Corridor	138	-	-
03_Ex_Store	120	-	-
03_Ex_Studio_01	140	-	-
03_Ex_Studio_01_Ensuite	133	-	-
03_Ex_Studio_02	140	-	-
03_Ex_Studio_02_Ensuite	133	-	-
03_Ex_Studio_03	140	-	-
03_Ex_Studio_03_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
03_Ex_Studio_04	140	-	-
03_Ex_Studio_04_Ensuite	133	-	-
03_T1_Acc_Studio_01	140	-	-
03_T1_Acc_Studio_01_Ensuite	133	-	-
03_T1_Acc_Studio_02	140	-	-
03_T1_Acc_Studio_02_Ensuite	133	-	-
03_T1_Circulation_01	138	-	-
03_T1_Circulation_02	138	-	-
03_T1_Circulation_03	138	-	-
03_T1_Lift_Lobby_01	138	-	-
03_T1_Lift_Lobby_02	138	-	-
03_T1_Stair_01	185	-	-
03_T1_Stair_02	185	-	-
03_T1_Store	120	-	-
03_T1_Store	120	-	-
03_T1_Studio_01	140	-	-
03_T1_Studio_01_Ensuite	133	-	-
03_T1_Studio_02	140	-	-
03_T1_Studio_02_Ensuite	133	-	-
03_T1_Studio_03	140	-	-
03_T1_Studio_03_Ensuite	133	-	-
03_T1_Studio_04	140	-	-
03_T1_Studio_04_Ensuite	133	-	-
03_T1_Studio_05	140	-	-
03_T1_Studio_05_Ensuite	133	-	-
03_T1_Studio_06	140	-	-
03_T1_Studio_06_Ensuite	133	-	-
03_T1_Studio_07	140	-	-
03_T1_Studio_07_Ensuite	133	-	-
03_T1_Studio_08	140	-	-
03_T1_Studio_08_Ensuite	133	-	-
03_T1_Studio_08_Ensuite	133	-	-
03_T1_Studio_09	140	-	-
03_T1_Twodio_01_Bed_01	140	-	-
03_T1_Twodio_01_Bed_01_Ensuite	133	-	-
03_T1_Twodio_01_Bed_02	140	-	-
03_T1_Twodio_01_Bed_02_Ensuite	133	-	-
03_T1_Twodio_01_Kitchen	115	-	-
03_T1_Twodio_02_Bed_01	140	-	-
03_T1_Twodio_02_Bed_01_Ensuite	133	-	-
03_T1_Twodio_02_Bed_02	140	-	-
03_T1_Twodio_02_Bed_02_Ensuite	133	-	-
03_T1_Twodio_02_Kitchen	115	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
03_T1_Twodio_03_Bed_01	140	-	-
03_T1_Twodio_03_Bed_01_Ensuite	133	-	-
03_T1_Twodio_03_Bed_02	140	-	-
03_T1_Twodio_03_Bed_02_Ensuite	133	-	-
03_T1_Twodio_03_Kitchen	115	-	-
03_T1_Twodio_04_Bed_01	140	-	-
03_T1_Twodio_04_Bed_01_Ensuite	133	-	-
03_T1_Twodio_04_Bed_02	140	-	-
03_T1_Twodio_04_Bed_02_Ensuite	133	-	-
03_T1_Twodio_04_Kitchen	115	-	-
03_T1_Twodio_05_Bed_01	140	-	-
03_T1_Twodio_05_Bed_01_Ensuite	133	-	-
03_T1_Twodio_05_Bed_02	140	-	-
03_T1_Twodio_05_Bed_02_Ensuite	133	-	-
03_T1_Twodio_05_Kitchen	115	-	-
03_T1_Twodio_06_Bed_01	140	-	-
03_T1_Twodio_06_Bed_01_Ensuite	133	-	-
03_T1_Twodio_06_Bed_02	140	-	-
03_T1_Twodio_06_Bed_02_Ensuite	133	-	-
03_T1_Twodio_06_Kitchen	115	-	-
03_T2_Acc_Studio_01	140	-	-
03_T2_Acc_Studio_01_Ensuite	133	-	-
03_T2_Cluster_01_Bed_01	140	-	-
03_T2_Cluster_01_Bed_01_Ensuite	133	-	-
03_T2_Cluster_01_Bed_02	140	-	-
03_T2_Cluster_01_Bed_02_Ensuite	133	-	-
03_T2_Cluster_01_Bed_03	140	-	-
03_T2_Cluster_01_Bed_03_Ensuite	133	-	-
03_T2_Cluster_01_Bed_04	140	-	-
03_T2_Cluster_01_Bed_04_Ensuite	133	-	-
03_T2_Cluster_01_Bed_05	140	-	-
03_T2_Cluster_01_Bed_05_Ensuite	133	-	-
03_T2_Cluster_01_Bed_06	140	-	-
03_T2_Cluster_01_Bed_06_Ensuite	133	-	-
03_T2_Cluster_01_Bed_07	140	-	-
03_T2_Cluster_01_Bed_07_Ensuite	133	-	-
03_T2_Cluster_01_Corridor	138	-	-
03_T2_Cluster_01_Kitchen	115	-	-
03_T2_Cluster_02_Bed_01	140	-	-
03_T2_Cluster_02_Bed_01_Ensuite	133	-	-
03_T2_Cluster_02_Bed_02	140	-	-
03_T2_Cluster_02_Bed_02_Ensuite	133	-	-
03_T2_Cluster_02_Bed_03	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
03_T2_Cluster_02_Bed_03_Ensuite	133	-	-
03_T2_Cluster_02_Bed_04	140	-	-
03_T2_Cluster_02_Bed_04_Ensuite	133	-	-
03_T2_Cluster_02_Bed_05	140	-	-
03_T2_Cluster_02_Bed_05_Ensuite	133	-	-
03_T2_Cluster_02_Bed_06	140	-	-
03_T2_Cluster_02_Bed_06_Ensuite	133	-	-
03_T2_Cluster_02_Bed_07	140	-	-
03_T2_Cluster_02_Bed_07_Ensuite	133	-	-
03_T2_Cluster_02_Corridor	138	-	-
03_T2_Cluster_02_Kitchen	115	-	-
03_T2_Corridor_01	138	-	-
03_T2_Corridor_01	138	-	-
03_T2_Lift_Lobby_01	138	-	-
03_T2_Lift_Lobby_02	138	-	-
03_T2_Stair_01	185	-	-
03_T2_Stair_02	185	-	-
03_T2_Studio_01	140	-	-
03_T2_Studio_01_Ensuite	133	-	-
03_T2_Studio_02	140	-	-
03_T2_Studio_02_Ensuite	133	-	-
03_T2_Studio_03	140	-	-
03_T2_Studio_03_Ensuite	133	-	-
03_T2_Studio_04	140	-	-
03_T2_Studio_04_Ensuite	133	-	-
03_T2_Studio_06	140	-	-
03_T2_Studio_06_Ensuite	133	-	-
03_T2_Studio_07	140	-	-
03_T2_Studio_07_Ensuite	133	-	-
04_Ex_Corridor	138	-	-
04_Ex_Store	120	-	-
04_Ex_Studio_01	140	-	-
04_Ex_Studio_01_Ensuite	133	-	-
04_Ex_Studio_02	140	-	-
04_Ex_Studio_02_Ensuite	133	-	-
04_Ex_Studio_03	140	-	-
04_Ex_Studio_03_Ensuite	133	-	-
04_Ex_Studio_04	140	-	-
04_Ex_Studio_04_Ensuite	133	-	-
04_T1_Acc_Studio_01	140	-	-
04_T1_Acc_Studio_01_Ensuite	133	-	-
04_T1_Acc_Studio_02	140	-	-
04_T1_Acc_Studio_02_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
04_T1_Circulation_01	138	-	-
04_T1_Circulation_02	138	-	-
04_T1_Circulation_03	138	-	-
04_T1_Lift_Lobby_01	138	-	-
04_T1_Lift_Lobby_02	138	-	-
04_T1_Stair_01	185	-	-
04_T1_Stair_02	185	-	-
04_T1_Store	120	-	-
04_T1_Store	120	-	-
04_T1_Studio_01	140	-	-
04_T1_Studio_01_Ensuite	133	-	-
04_T1_Studio_02	140	-	-
04_T1_Studio_02_Ensuite	133	-	-
04_T1_Studio_03	140	-	-
04_T1_Studio_03_Ensuite	133	-	-
04_T1_Studio_04	140	-	-
04_T1_Studio_04_Ensuite	133	-	-
04_T1_Studio_05	140	-	-
04_T1_Studio_05_Ensuite	133	-	-
04_T1_Studio_06	140	-	-
04_T1_Studio_06_Ensuite	133	-	-
04_T1_Studio_07	140	-	-
04_T1_Studio_07_Ensuite	133	-	-
04_T1_Studio_08	140	-	-
04_T1_Studio_08_Ensuite	133	-	-
04_T1_Studio_08_Ensuite	133	-	-
04_T1_Studio_09	140	-	-
04_T1_Twodio_01_Bed_01	140	-	-
04_T1_Twodio_01_Bed_01_Ensuite	133	-	-
04_T1_Twodio_01_Bed_02	140	-	-
04_T1_Twodio_01_Bed_02_Ensuite	133	-	-
04_T1_Twodio_01_Kitchen	115	-	-
04_T1_Twodio_02_Bed_01	140	-	-
04_T1_Twodio_02_Bed_01_Ensuite	133	-	-
04_T1_Twodio_02_Bed_02	140	-	-
04_T1_Twodio_02_Bed_02_Ensuite	133	-	-
04_T1_Twodio_02_Kitchen	115	-	-
04_T1_Twodio_03_Bed_01	140	-	-
04_T1_Twodio_03_Bed_01_Ensuite	133	-	-
04_T1_Twodio_03_Bed_02	140	-	-
04_T1_Twodio_03_Bed_02_Ensuite	133	-	-
04_T1_Twodio_03_Kitchen	115	-	-
04_T1_Twodio_04_Bed_01	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
04_T1_Twodio_04_Bed_01_Ensuite	133	-	-
04_T1_Twodio_04_Bed_02	140	-	-
04_T1_Twodio_04_Bed_02_Ensuite	133	-	-
04_T1_Twodio_04_Kitchen	115	-	-
04_T1_Twodio_05_Bed_01	140	-	-
04_T1_Twodio_05_Bed_01_Ensuite	133	-	-
04_T1_Twodio_05_Bed_02	140	-	-
04_T1_Twodio_05_Bed_02_Ensuite	133	-	-
04_T1_Twodio_05_Kitchen	115	-	-
04_T1_Twodio_06_Bed_01	140	-	-
04_T1_Twodio_06_Bed_01_Ensuite	133	-	-
04_T1_Twodio_06_Bed_02	140	-	-
04_T1_Twodio_06_Bed_02_Ensuite	133	-	-
04_T1_Twodio_06_Kitchen	115	-	-
04_T2_Acc_Studio_01	140	-	-
04_T2_Acc_Studio_01_Ensuite	133	-	-
04_T2_Cluster_01_Bed_01	140	-	-
04_T2_Cluster_01_Bed_01_Ensuite	133	-	-
04_T2_Cluster_01_Bed_02	140	-	-
04_T2_Cluster_01_Bed_02_Ensuite	133	-	-
04_T2_Cluster_01_Bed_03	140	-	-
04_T2_Cluster_01_Bed_03_Ensuite	133	-	-
04_T2_Cluster_01_Bed_04	140	-	-
04_T2_Cluster_01_Bed_04_Ensuite	133	-	-
04_T2_Cluster_01_Bed_05	140	-	-
04_T2_Cluster_01_Bed_05_Ensuite	133	-	-
04_T2_Cluster_01_Bed_06	140	-	-
04_T2_Cluster_01_Bed_06_Ensuite	133	-	-
04_T2_Cluster_01_Bed_07	140	-	-
04_T2_Cluster_01_Bed_07_Ensuite	133	-	-
04_T2_Cluster_01_Corridor	138	-	-
04_T2_Cluster_01_Kitchen	115	-	-
04_T2_Cluster_02_Bed_01	140	-	-
04_T2_Cluster_02_Bed_01_Ensuite	133	-	-
04_T2_Cluster_02_Bed_02	140	-	-
04_T2_Cluster_02_Bed_02_Ensuite	133	-	-
04_T2_Cluster_02_Bed_03	140	-	-
04_T2_Cluster_02_Bed_03_Ensuite	133	-	-
04_T2_Cluster_02_Bed_04	140	-	-
04_T2_Cluster_02_Bed_04_Ensuite	133	-	-
04_T2_Cluster_02_Bed_05	140	-	-
04_T2_Cluster_02_Bed_05_Ensuite	133	-	-
04_T2_Cluster_02_Bed_06	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
04_T2_Cluster_02_Bed_06_Ensuite	133	-	-
04_T2_Cluster_02_Bed_07	140	-	-
04_T2_Cluster_02_Bed_07_Ensuite	133	-	-
04_T2_Cluster_02_Corridor	138	-	-
04_T2_Cluster_02_Kitchen	115	-	-
04_T2_Corridor_01	138	-	-
04_T2_Corridor_01	138	-	-
04_T2_Lift_Lobby_01	138	-	-
04_T2_Lift_Lobby_02	138	-	-
04_T2_Stair_01	185	-	-
04_T2_Stair_02	185	-	-
04_T2_Studio_01	140	-	-
04_T2_Studio_01_Ensuite	133	-	-
04_T2_Studio_02	140	-	-
04_T2_Studio_02_Ensuite	133	-	-
04_T2_Studio_03	140	-	-
04_T2_Studio_03_Ensuite	133	-	-
04_T2_Studio_04	140	-	-
04_T2_Studio_04_Ensuite	133	-	-
04_T2_Studio_06	140	-	-
04_T2_Studio_06_Ensuite	133	-	-
04_T2_Studio_07	140	-	-
04_T2_Studio_07_Ensuite	133	-	-
05_Ex_Corridor	138	-	-
05_Ex_Store	120	-	-
05_Ex_Studio_01	140	-	-
05_Ex_Studio_01_Ensuite	133	-	-
05_Ex_Studio_02	140	-	-
05_Ex_Studio_02_Ensuite	133	-	-
05_Ex_Studio_03	140	-	-
05_Ex_Studio_03_Ensuite	133	-	-
05_Ex_Studio_04	140	-	-
05_Ex_Studio_04_Ensuite	133	-	-
05_T1_Acc_Studio_01	140	-	-
05_T1_Acc_Studio_01_Ensuite	133	-	-
05_T1_Acc_Studio_02	140	-	-
05_T1_Acc_Studio_02_Ensuite	133	-	-
05_T1_Circulation_01	138	-	-
05_T1_Circulation_02	138	-	-
05_T1_Circulation_03	138	-	-
05_T1_Lift_Lobby_01	138	-	-
05_T1_Lift_Lobby_02	138	-	-
05_T1_Stair_01	185	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
05_T1_Stair_02	185	-	-
05_T1_Store	120	-	-
05_T1_Store	120	-	-
05_T1_Studio_01	140	-	-
05_T1_Studio_01_Ensuite	133	-	-
05_T1_Studio_02	140	-	-
05_T1_Studio_02_Ensuite	133	-	-
05_T1_Studio_03	140	-	-
05_T1_Studio_03_Ensuite	133	-	-
05_T1_Studio_04	140	-	-
05_T1_Studio_04_Ensuite	133	-	-
05_T1_Studio_05	140	-	-
05_T1_Studio_05_Ensuite	133	-	-
05_T1_Studio_06	140	-	-
05_T1_Studio_06_Ensuite	133	-	-
05_T1_Studio_07	140	-	-
05_T1_Studio_07_Ensuite	133	-	-
05_T1_Studio_08	140	-	-
05_T1_Studio_08_Ensuite	133	-	-
05_T1_Studio_08_Ensuite	133	-	-
05_T1_Studio_09	140	-	-
05_T1_Twodio_01_Bed_01	140	-	-
05_T1_Twodio_01_Bed_01_Ensuite	133	-	-
05_T1_Twodio_01_Bed_02	140	-	-
05_T1_Twodio_01_Bed_02_Ensuite	133	-	-
05_T1_Twodio_01_Kitchen	115	-	-
05_T1_Twodio_02_Bed_01	140	-	-
05_T1_Twodio_02_Bed_01_Ensuite	133	-	-
05_T1_Twodio_02_Bed_02	140	-	-
05_T1_Twodio_02_Bed_02_Ensuite	133	-	-
05_T1_Twodio_02_Kitchen	115	-	-
05_T1_Twodio_03_Bed_01	140	-	-
05_T1_Twodio_03_Bed_01_Ensuite	133	-	-
05_T1_Twodio_03_Bed_02	140	-	-
05_T1_Twodio_03_Bed_02_Ensuite	133	-	-
05_T1_Twodio_03_Kitchen	115	-	-
05_T1_Twodio_04_Bed_01	140	-	-
05_T1_Twodio_04_Bed_01_Ensuite	133	-	-
05_T1_Twodio_04_Bed_02	140	-	-
05_T1_Twodio_04_Bed_02_Ensuite	133	-	-
05_T1_Twodio_04_Kitchen	115	-	-
05_T1_Twodio_05_Bed_01	140	-	-
05_T1_Twodio_05_Bed_01_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
05_T1_Twodio_05_Bed_02	140	-	-
05_T1_Twodio_05_Bed_02_Ensuite	133	-	-
05_T1_Twodio_05_Kitchen	115	-	-
05_T1_Twodio_06_Bed_01	140	-	-
05_T1_Twodio_06_Bed_01_Ensuite	133	-	-
05_T1_Twodio_06_Bed_02	140	-	-
05_T1_Twodio_06_Bed_02_Ensuite	133	-	-
05_T1_Twodio_06_Kitchen	115	-	-
05_T2_Acc_Studio_01	140	-	-
05_T2_Acc_Studio_01_Ensuite	133	-	-
05_T2_Cluster_01_Bed_01	140	-	-
05_T2_Cluster_01_Bed_01_Ensuite	133	-	-
05_T2_Cluster_01_Bed_02	140	-	-
05_T2_Cluster_01_Bed_02_Ensuite	133	-	-
05_T2_Cluster_01_Bed_03	140	-	-
05_T2_Cluster_01_Bed_03_Ensuite	133	-	-
05_T2_Cluster_01_Bed_04	140	-	-
05_T2_Cluster_01_Bed_04_Ensuite	133	-	-
05_T2_Cluster_01_Bed_05	140	-	-
05_T2_Cluster_01_Bed_05_Ensuite	133	-	-
05_T2_Cluster_01_Bed_06	140	-	-
05_T2_Cluster_01_Bed_06_Ensuite	133	-	-
05_T2_Cluster_01_Bed_07	140	-	-
05_T2_Cluster_01_Bed_07_Ensuite	133	-	-
05_T2_Cluster_01_Corridor	138	-	-
05_T2_Cluster_01_Kitchen	115	-	-
05_T2_Cluster_02_Bed_01	140	-	-
05_T2_Cluster_02_Bed_01_Ensuite	133	-	-
05_T2_Cluster_02_Bed_02	140	-	-
05_T2_Cluster_02_Bed_02_Ensuite	133	-	-
05_T2_Cluster_02_Bed_03	140	-	-
05_T2_Cluster_02_Bed_03_Ensuite	133	-	-
05_T2_Cluster_02_Bed_04	140	-	-
05_T2_Cluster_02_Bed_04_Ensuite	133	-	-
05_T2_Cluster_02_Bed_05	140	-	-
05_T2_Cluster_02_Bed_05_Ensuite	133	-	-
05_T2_Cluster_02_Bed_06	140	-	-
05_T2_Cluster_02_Bed_06_Ensuite	133	-	-
05_T2_Cluster_02_Bed_07	140	-	-
05_T2_Cluster_02_Bed_07_Ensuite	133	-	-
05_T2_Cluster_02_Corridor	138	-	-
05_T2_Cluster_02_Kitchen	115	-	-
05_T2_Corridor_01	138	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
05_T2_Corridor_01	138	-	-
05_T2_Lift_Lobby_01	138	-	-
05_T2_Lift_Lobby_02	138	-	-
05_T2_Stair_01	185	-	-
05_T2_Stair_02	185	-	-
05_T2_Studio_01	140	-	-
05_T2_Studio_01_Ensuite	133	-	-
05_T2_Studio_02	140	-	-
05_T2_Studio_02_Ensuite	133	-	-
05_T2_Studio_03	140	-	-
05_T2_Studio_03_Ensuite	133	-	-
05_T2_Studio_04	140	-	-
05_T2_Studio_04_Ensuite	133	-	-
05_T2_Studio_06	140	-	-
05_T2_Studio_06_Ensuite	133	-	-
05_T2_Studio_07	140	-	-
05_T2_Studio_07_Ensuite	133	-	-
06_T1_Circulation_01	138	-	-
06_T1_Circulation_02	138	-	-
06_T1_Lift_Lobby_01	138	-	-
06_T1_Lift_Lobby_02	138	-	-
06_T1_Stair_01	185	-	-
06_T1_Stair_02	185	-	-
06_T1_Store	120	-	-
06_T1_Store	120	-	-
06_T1_Studio_08_Ensuite	133	-	-
06_T1_Studio_09	140	-	-
06_T1_Twodio_01_Bed_01	140	-	-
06_T1_Twodio_01_Bed_01_Ensuite	133	-	-
06_T1_Twodio_01_Bed_02	140	-	-
06_T1_Twodio_01_Bed_02_Ensuite	133	-	-
06_T1_Twodio_01_Kitchen	115	-	-
06_T1_Twodio_02_Bed_01	140	-	-
06_T1_Twodio_02_Bed_01_Ensuite	133	-	-
06_T1_Twodio_02_Bed_02	140	-	-
06_T1_Twodio_02_Bed_02_Ensuite	133	-	-
06_T1_Twodio_02_Kitchen	115	-	-
06_T1_Twodio_03_Bed_01	140	-	-
06_T1_Twodio_03_Bed_01_Ensuite	133	-	-
06_T1_Twodio_03_Bed_02	140	-	-
06_T1_Twodio_03_Bed_02_Ensuite	133	-	-
06_T1_Twodio_03_Kitchen	115	-	-
06_T1_Twodio_04_Bed_01	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
06_T1_Twodio_04_Bed_01_Ensuite	133	-	-
06_T1_Twodio_04_Bed_02	140	-	-
06_T1_Twodio_04_Bed_02_Ensuite	133	-	-
06_T1_Twodio_04_Kitchen	115	-	-
06_T1_Twodio_05_Bed_01	140	-	-
06_T1_Twodio_05_Bed_01_Ensuite	133	-	-
06_T1_Twodio_05_Bed_02	140	-	-
06_T1_Twodio_05_Bed_02_Ensuite	133	-	-
06_T1_Twodio_05_Kitchen	115	-	-
06_T1_Twodio_06_Bed_01	140	-	-
06_T1_Twodio_06_Bed_01_Ensuite	133	-	-
06_T1_Twodio_06_Bed_02	140	-	-
06_T1_Twodio_06_Bed_02_Ensuite	133	-	-
06_T1_Twodio_06_Kitchen	115	-	-
06_T2_Acc_Studio_01	140	-	-
06_T2_Acc_Studio_01_Ensuite	133	-	-
06_T2_Cluster_01_Bed_01	140	-	-
06_T2_Cluster_01_Bed_01_Ensuite	133	-	-
06_T2_Cluster_01_Bed_02	140	-	-
06_T2_Cluster_01_Bed_02_Ensuite	133	-	-
06_T2_Cluster_01_Bed_03	140	-	-
06_T2_Cluster_01_Bed_03_Ensuite	133	-	-
06_T2_Cluster_01_Bed_04	140	-	-
06_T2_Cluster_01_Bed_04_Ensuite	133	-	-
06_T2_Cluster_01_Bed_05	140	-	-
06_T2_Cluster_01_Bed_05_Ensuite	133	-	-
06_T2_Cluster_01_Bed_06	140	-	-
06_T2_Cluster_01_Bed_06_Ensuite	133	-	-
06_T2_Cluster_01_Bed_07	140	-	-
06_T2_Cluster_01_Bed_07_Ensuite	133	-	-
06_T2_Cluster_01_Corridor	138	-	-
06_T2_Cluster_01_Kitchen	115	-	-
06_T2_Cluster_02_Bed_01	140	-	-
06_T2_Cluster_02_Bed_01_Ensuite	133	-	-
06_T2_Cluster_02_Bed_02	140	-	-
06_T2_Cluster_02_Bed_02_Ensuite	133	-	-
06_T2_Cluster_02_Bed_03	140	-	-
06_T2_Cluster_02_Bed_03_Ensuite	133	-	-
06_T2_Cluster_02_Bed_04	140	-	-
06_T2_Cluster_02_Bed_04_Ensuite	133	-	-
06_T2_Cluster_02_Bed_05	140	-	-
06_T2_Cluster_02_Bed_05_Ensuite	133	-	-
06_T2_Cluster_02_Bed_06	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
06_T2_Cluster_02_Bed_06_Ensuite	133	-	-
06_T2_Cluster_02_Bed_07	140	-	-
06_T2_Cluster_02_Bed_07_Ensuite	133	-	-
06_T2_Cluster_02_Corridor	138	-	-
06_T2_Cluster_02_Kitchen	115	-	-
06_T2_Corridor_01	138	-	-
06_T2_Corridor_01	138	-	-
06_T2_Lift_Lobby_01	138	-	-
06_T2_Lift_Lobby_02	138	-	-
06_T2_Stair_01	185	-	-
06_T2_Stair_02	185	-	-
06_T2_Studio_01	140	-	-
06_T2_Studio_01_Ensuite	133	-	-
06_T2_Studio_02	140	-	-
06_T2_Studio_02_Ensuite	133	-	-
06_T2_Studio_03	140	-	-
06_T2_Studio_03_Ensuite	133	-	-
06_T2_Studio_04	140	-	-
06_T2_Studio_04_Ensuite	133	-	-
06_T2_Studio_05	140	-	-
06_T2_Studio_05_Ensuite	133	-	-
06_T2_Studio_06	140	-	-
06_T2_Studio_06_Ensuite	133	-	-
06_T2_Studio_07	140	-	-
06_T2_Studio_07_Ensuite	133	-	-
07_T1_Circulation_01	138	-	-
07_T1_Circulation_02	138	-	-
07_T1_Lift_Lobby_01	138	-	-
07_T1_Lift_Lobby_02	138	-	-
07_T1_Stair_01	185	-	-
07_T1_Stair_02	185	-	-
07_T1_Store	120	-	-
07_T1_Store	120	-	-
07_T1_Studio_08_Ensuite	133	-	-
07_T1_Studio_09	140	-	-
07_T1_Twodio_01_Bed_01	140	-	-
07_T1_Twodio_01_Bed_01_Ensuite	133	-	-
07_T1_Twodio_01_Bed_02	140	-	-
07_T1_Twodio_01_Bed_02_Ensuite	133	-	-
07_T1_Twodio_01_Kitchen	115	-	-
07_T1_Twodio_02_Bed_01	140	-	-
07_T1_Twodio_02_Bed_01_Ensuite	133	-	-
07_T1_Twodio_02_Bed_02	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
07_T1_Twodio_02_Bed_02_Ensuite	133	-	-
07_T1_Twodio_02_Kitchen	115	-	-
07_T1_Twodio_03_Bed_01	140	-	-
07_T1_Twodio_03_Bed_01_Ensuite	133	-	-
07_T1_Twodio_03_Bed_02	140	-	-
07_T1_Twodio_03_Bed_02_Ensuite	133	-	-
07_T1_Twodio_03_Kitchen	115	-	-
07_T1_Twodio_04_Bed_01	140	-	-
07_T1_Twodio_04_Bed_01_Ensuite	133	-	-
07_T1_Twodio_04_Bed_02	140	-	-
07_T1_Twodio_04_Bed_02_Ensuite	133	-	-
07_T1_Twodio_04_Kitchen	115	-	-
07_T1_Twodio_05_Bed_01	140	-	-
07_T1_Twodio_05_Bed_01_Ensuite	133	-	-
07_T1_Twodio_05_Bed_02	140	-	-
07_T1_Twodio_05_Bed_02_Ensuite	133	-	-
07_T1_Twodio_05_Kitchen	115	-	-
07_T1_Twodio_06_Bed_01	140	-	-
07_T1_Twodio_06_Bed_01_Ensuite	133	-	-
07_T1_Twodio_06_Bed_02	140	-	-
07_T1_Twodio_06_Bed_02_Ensuite	133	-	-
07_T1_Twodio_06_Kitchen	115	-	-
07_T2_Acc_Studio_01	140	-	-
07_T2_Acc_Studio_01_Ensuite	133	-	-
07_T2_Cluster_01_Bed_01	140	-	-
07_T2_Cluster_01_Bed_01_Ensuite	133	-	-
07_T2_Cluster_01_Bed_02	140	-	-
07_T2_Cluster_01_Bed_02_Ensuite	133	-	-
07_T2_Cluster_01_Bed_03	140	-	-
07_T2_Cluster_01_Bed_03_Ensuite	133	-	-
07_T2_Cluster_01_Bed_04	140	-	-
07_T2_Cluster_01_Bed_04_Ensuite	133	-	-
07_T2_Cluster_01_Bed_05	140	-	-
07_T2_Cluster_01_Bed_05_Ensuite	133	-	-
07_T2_Cluster_01_Bed_06	140	-	-
07_T2_Cluster_01_Bed_06_Ensuite	133	-	-
07_T2_Cluster_01_Bed_07	140	-	-
07_T2_Cluster_01_Bed_07_Ensuite	133	-	-
07_T2_Cluster_01_Corridor	138	-	-
07_T2_Cluster_01_Kitchen	115	-	-
07_T2_Cluster_02_Bed_01	140	-	-
07_T2_Cluster_02_Bed_01_Ensuite	133	-	-
07_T2_Cluster_02_Bed_02	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
07_T2_Cluster_02_Bed_02_Ensuite	133	-	-
07_T2_Cluster_02_Bed_03	140	-	-
07_T2_Cluster_02_Bed_03_Ensuite	133	-	-
07_T2_Cluster_02_Bed_04	140	-	-
07_T2_Cluster_02_Bed_04_Ensuite	133	-	-
07_T2_Cluster_02_Bed_05	140	-	-
07_T2_Cluster_02_Bed_05_Ensuite	133	-	-
07_T2_Cluster_02_Bed_06	140	-	-
07_T2_Cluster_02_Bed_06_Ensuite	133	-	-
07_T2_Cluster_02_Bed_07	140	-	-
07_T2_Cluster_02_Bed_07_Ensuite	133	-	-
07_T2_Cluster_02_Corridor	138	-	-
07_T2_Cluster_02_Kitchen	115	-	-
07_T2_Corridor_01	138	-	-
07_T2_Corridor_01	138	-	-
07_T2_Lift_Lobby_01	138	-	-
07_T2_Lift_Lobby_02	138	-	-
07_T2_Stair_01	185	-	-
07_T2_Stair_02	185	-	-
07_T2_Studio_01	140	-	-
07_T2_Studio_01_Ensuite	133	-	-
07_T2_Studio_02	140	-	-
07_T2_Studio_02_Ensuite	133	-	-
07_T2_Studio_03	140	-	-
07_T2_Studio_03_Ensuite	133	-	-
07_T2_Studio_04	140	-	-
07_T2_Studio_04_Ensuite	133	-	-
07_T2_Studio_05	140	-	-
07_T2_Studio_05_Ensuite	133	-	-
07_T2_Studio_06	140	-	-
07_T2_Studio_06_Ensuite	133	-	-
07_T2_Studio_07	140	-	-
07_T2_Studio_07_Ensuite	133	-	-
08_T1_Circulation_01	138	-	-
08_T1_Circulation_02	138	-	-
08_T1_Lift_Lobby_01	138	-	-
08_T1_Lift_Lobby_02	138	-	-
08_T1_Stair_01	185	-	-
08_T1_Stair_02	185	-	-
08_T1_Store	120	-	-
08_T1_Store	120	-	-
08_T1_Studio_08_Ensuite	133	-	-
08_T1_Studio_09	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
08_T1_Twodio_01_Bed_01	140	-	-
08_T1_Twodio_01_Bed_01_Ensuite	133	-	-
08_T1_Twodio_01_Bed_02	140	-	-
08_T1_Twodio_01_Bed_02_Ensuite	133	-	-
08_T1_Twodio_01_Kitchen	115	-	-
08_T1_Twodio_02_Bed_01	140	-	-
08_T1_Twodio_02_Bed_01_Ensuite	133	-	-
08_T1_Twodio_02_Bed_02	140	-	-
08_T1_Twodio_02_Bed_02_Ensuite	133	-	-
08_T1_Twodio_02_Kitchen	115	-	-
08_T1_Twodio_03_Bed_01	140	-	-
08_T1_Twodio_03_Bed_01_Ensuite	133	-	-
08_T1_Twodio_03_Bed_02	140	-	-
08_T1_Twodio_03_Bed_02_Ensuite	133	-	-
08_T1_Twodio_03_Kitchen	115	-	-
08_T1_Twodio_04_Bed_01	140	-	-
08_T1_Twodio_04_Bed_01_Ensuite	133	-	-
08_T1_Twodio_04_Bed_02	140	-	-
08_T1_Twodio_04_Bed_02_Ensuite	133	-	-
08_T1_Twodio_04_Kitchen	115	-	-
08_T1_Twodio_05_Bed_01	140	-	-
08_T1_Twodio_05_Bed_01_Ensuite	133	-	-
08_T1_Twodio_05_Bed_02	140	-	-
08_T1_Twodio_05_Bed_02_Ensuite	133	-	-
08_T1_Twodio_05_Kitchen	115	-	-
08_T1_Twodio_06_Bed_01	140	-	-
08_T1_Twodio_06_Bed_01_Ensuite	133	-	-
08_T1_Twodio_06_Bed_02	140	-	-
08_T1_Twodio_06_Bed_02_Ensuite	133	-	-
08_T1_Twodio_06_Kitchen	115	-	-
08_T2_Acc_Studio_01	140	-	-
08_T2_Acc_Studio_01_Ensuite	133	-	-
08_T2_Cluster_01_Bed_01	140	-	-
08_T2_Cluster_01_Bed_01_Ensuite	133	-	-
08_T2_Cluster_01_Bed_02	140	-	-
08_T2_Cluster_01_Bed_02_Ensuite	133	-	-
08_T2_Cluster_01_Bed_03	140	-	-
08_T2_Cluster_01_Bed_03_Ensuite	133	-	-
08_T2_Cluster_01_Bed_04	140	-	-
08_T2_Cluster_01_Bed_04_Ensuite	133	-	-
08_T2_Cluster_01_Bed_05	140	-	-
08_T2_Cluster_01_Bed_05_Ensuite	133	-	-
08_T2_Cluster_01_Bed_06	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
08_T2_Cluster_01_Bed_06_Ensuite	133	-	-
08_T2_Cluster_01_Bed_07	140	-	-
08_T2_Cluster_01_Bed_07_Ensuite	133	-	-
08_T2_Cluster_01_Corridor	138	-	-
08_T2_Cluster_01_Kitchen	115	-	-
08_T2_Cluster_02_Bed_01	140	-	-
08_T2_Cluster_02_Bed_01_Ensuite	133	-	-
08_T2_Cluster_02_Bed_02	140	-	-
08_T2_Cluster_02_Bed_02_Ensuite	133	-	-
08_T2_Cluster_02_Bed_03	140	-	-
08_T2_Cluster_02_Bed_03_Ensuite	133	-	-
08_T2_Cluster_02_Bed_04	140	-	-
08_T2_Cluster_02_Bed_04_Ensuite	133	-	-
08_T2_Cluster_02_Bed_05	140	-	-
08_T2_Cluster_02_Bed_05_Ensuite	133	-	-
08_T2_Cluster_02_Bed_06	140	-	-
08_T2_Cluster_02_Bed_06_Ensuite	133	-	-
08_T2_Cluster_02_Bed_07	140	-	-
08_T2_Cluster_02_Bed_07_Ensuite	133	-	-
08_T2_Cluster_02_Corridor	138	-	-
08_T2_Cluster_02_Kitchen	115	-	-
08_T2_Corridor_01	138	-	-
08_T2_Corridor_01	138	-	-
08_T2_Lift_Lobby_01	138	-	-
08_T2_Lift_Lobby_02	138	-	-
08_T2_Stair_01	185	-	-
08_T2_Stair_02	185	-	-
08_T2_Studio_01	140	-	-
08_T2_Studio_01_Ensuite	133	-	-
08_T2_Studio_02	140	-	-
08_T2_Studio_02_Ensuite	133	-	-
08_T2_Studio_03	140	-	-
08_T2_Studio_03_Ensuite	133	-	-
08_T2_Studio_04	140	-	-
08_T2_Studio_04_Ensuite	133	-	-
08_T2_Studio_05	140	-	-
08_T2_Studio_05_Ensuite	133	-	-
08_T2_Studio_06	140	-	-
08_T2_Studio_06_Ensuite	133	-	-
08_T2_Studio_07	140	-	-
08_T2_Studio_07_Ensuite	133	-	-
09_T1_Circulation_01	138	-	-
09_T1_Circulation_02	138	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
09_T1_Lift_Lobby_01	138	-	-
09_T1_Lift_Lobby_02	138	-	-
09_T1_Stair_01	185	-	-
09_T1_Stair_02	185	-	-
09_T1_Store	120	-	-
09_T1_Store	120	-	-
09_T1_Studio_08_Ensuite	133	-	-
09_T1_Studio_09	140	-	-
09_T1_Twodio_01_Bed_01	140	-	-
09_T1_Twodio_01_Bed_01_Ensuite	133	-	-
09_T1_Twodio_01_Bed_02	140	-	-
09_T1_Twodio_01_Bed_02_Ensuite	133	-	-
09_T1_Twodio_01_Kitchen	115	-	-
09_T1_Twodio_02_Bed_01	140	-	-
09_T1_Twodio_02_Bed_01_Ensuite	133	-	-
09_T1_Twodio_02_Bed_02	140	-	-
09_T1_Twodio_02_Bed_02_Ensuite	133	-	-
09_T1_Twodio_02_Kitchen	115	-	-
09_T1_Twodio_03_Bed_01	140	-	-
09_T1_Twodio_03_Bed_01_Ensuite	133	-	-
09_T1_Twodio_03_Bed_02	140	-	-
09_T1_Twodio_03_Bed_02_Ensuite	133	-	-
09_T1_Twodio_03_Kitchen	115	-	-
09_T1_Twodio_04_Bed_01	140	-	-
09_T1_Twodio_04_Bed_01_Ensuite	133	-	-
09_T1_Twodio_04_Bed_02	140	-	-
09_T1_Twodio_04_Bed_02_Ensuite	133	-	-
09_T1_Twodio_04_Kitchen	115	-	-
09_T1_Twodio_05_Bed_01	140	-	-
09_T1_Twodio_05_Bed_01_Ensuite	133	-	-
09_T1_Twodio_05_Bed_02	140	-	-
09_T1_Twodio_05_Bed_02_Ensuite	133	-	-
09_T1_Twodio_05_Kitchen	115	-	-
09_T1_Twodio_06_Bed_01	140	-	-
09_T1_Twodio_06_Bed_01_Ensuite	133	-	-
09_T1_Twodio_06_Bed_02	140	-	-
09_T1_Twodio_06_Bed_02_Ensuite	133	-	-
09_T1_Twodio_06_Kitchen	115	-	-
09_T2_Acc_Studio_01	140	-	-
09_T2_Acc_Studio_01_Ensuite	133	-	-
09_T2_Cluster_01_Bed_01	140	-	-
09_T2_Cluster_01_Bed_01_Ensuite	133	-	-
09_T2_Cluster_01_Bed_02	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
09_T2_Cluster_01_Bed_02_Ensuite	133	-	-
09_T2_Cluster_01_Bed_03	140	-	-
09_T2_Cluster_01_Bed_03_Ensuite	133	-	-
09_T2_Cluster_01_Bed_04	140	-	-
09_T2_Cluster_01_Bed_04_Ensuite	133	-	-
09_T2_Cluster_01_Bed_05	140	-	-
09_T2_Cluster_01_Bed_05_Ensuite	133	-	-
09_T2_Cluster_01_Bed_06	140	-	-
09_T2_Cluster_01_Bed_06_Ensuite	133	-	-
09_T2_Cluster_01_Bed_07	140	-	-
09_T2_Cluster_01_Bed_07_Ensuite	133	-	-
09_T2_Cluster_01_Corridor	138	-	-
09_T2_Cluster_01_Kitchen	115	-	-
09_T2_Cluster_02_Bed_01	140	-	-
09_T2_Cluster_02_Bed_01_Ensuite	133	-	-
09_T2_Cluster_02_Bed_02	140	-	-
09_T2_Cluster_02_Bed_02_Ensuite	133	-	-
09_T2_Cluster_02_Bed_03	140	-	-
09_T2_Cluster_02_Bed_03_Ensuite	133	-	-
09_T2_Cluster_02_Bed_04	140	-	-
09_T2_Cluster_02_Bed_04_Ensuite	133	-	-
09_T2_Cluster_02_Bed_05	140	-	-
09_T2_Cluster_02_Bed_05_Ensuite	133	-	-
09_T2_Cluster_02_Bed_06	140	-	-
09_T2_Cluster_02_Bed_06_Ensuite	133	-	-
09_T2_Cluster_02_Bed_07	140	-	-
09_T2_Cluster_02_Bed_07_Ensuite	133	-	-
09_T2_Cluster_02_Corridor	138	-	-
09_T2_Cluster_02_Kitchen	115	-	-
09_T2_Corridor_01	138	-	-
09_T2_Corridor_01	138	-	-
09_T2_Lift_Lobby_01	138	-	-
09_T2_Lift_Lobby_02	138	-	-
09_T2_Stair_01	185	-	-
09_T2_Stair_02	185	-	-
09_T2_Studio_01	140	-	-
09_T2_Studio_01_Ensuite	133	-	-
09_T2_Studio_02	140	-	-
09_T2_Studio_02_Ensuite	133	-	-
09_T2_Studio_03	140	-	-
09_T2_Studio_03_Ensuite	133	-	-
09_T2_Studio_04	140	-	-
09_T2_Studio_04_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
09_T2_Studio_05	140	-	-
09_T2_Studio_05_Ensuite	133	-	-
09_T2_Studio_06	140	-	-
09_T2_Studio_06_Ensuite	133	-	-
09_T2_Studio_07	140	-	-
09_T2_Studio_07_Ensuite	133	-	-
10_T1_Circulation_01	138	-	-
10_T1_Circulation_02	138	-	-
10_T1_Lift_Lobby_01	138	-	-
10_T1_Lift_Lobby_02	138	-	-
10_T1_Stair_01	185	-	-
10_T1_Stair_02	185	-	-
10_T1_Store	120	-	-
10_T1_Store	120	-	-
10_T1_Studio_08_Ensuite	133	-	-
10_T1_Studio_09	140	-	-
10_T1_Twodio_01_Bed_01	140	-	-
10_T1_Twodio_01_Bed_01_Ensuite	133	-	-
10_T1_Twodio_01_Bed_02	140	-	-
10_T1_Twodio_01_Bed_02_Ensuite	133	-	-
10_T1_Twodio_01_Kitchen	115	-	-
10_T1_Twodio_02_Bed_01	140	-	-
10_T1_Twodio_02_Bed_01_Ensuite	133	-	-
10_T1_Twodio_02_Bed_02	140	-	-
10_T1_Twodio_02_Bed_02_Ensuite	133	-	-
10_T1_Twodio_02_Kitchen	115	-	-
10_T1_Twodio_03_Bed_01	140	-	-
10_T1_Twodio_03_Bed_01_Ensuite	133	-	-
10_T1_Twodio_03_Bed_02	140	-	-
10_T1_Twodio_03_Bed_02_Ensuite	133	-	-
10_T1_Twodio_03_Kitchen	115	-	-
10_T1_Twodio_04_Bed_01	140	-	-
10_T1_Twodio_04_Bed_01_Ensuite	133	-	-
10_T1_Twodio_04_Bed_02	140	-	-
10_T1_Twodio_04_Bed_02_Ensuite	133	-	-
10_T1_Twodio_04_Kitchen	115	-	-
10_T1_Twodio_05_Bed_01	140	-	-
10_T1_Twodio_05_Bed_01_Ensuite	133	-	-
10_T1_Twodio_05_Bed_02	140	-	-
10_T1_Twodio_05_Bed_02_Ensuite	133	-	-
10_T1_Twodio_05_Kitchen	115	-	-
10_T1_Twodio_06_Bed_01	140	-	-
10_T1_Twodio_06_Bed_01_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
10_T1_Twodio_06_Bed_02	140	-	-
10_T1_Twodio_06_Bed_02_Ensuite	133	-	-
10_T1_Twodio_06_Kitchen	115	-	-
10_T2_Acc_Studio_01	140	-	-
10_T2_Acc_Studio_01_Ensuite	133	-	-
10_T2_Cluster_01_Bed_01	140	-	-
10_T2_Cluster_01_Bed_01_Ensuite	133	-	-
10_T2_Cluster_01_Bed_02	140	-	-
10_T2_Cluster_01_Bed_02_Ensuite	133	-	-
10_T2_Cluster_01_Bed_03	140	-	-
10_T2_Cluster_01_Bed_03_Ensuite	133	-	-
10_T2_Cluster_01_Bed_04	140	-	-
10_T2_Cluster_01_Bed_04_Ensuite	133	-	-
10_T2_Cluster_01_Bed_05	140	-	-
10_T2_Cluster_01_Bed_05_Ensuite	133	-	-
10_T2_Cluster_01_Bed_06	140	-	-
10_T2_Cluster_01_Bed_06_Ensuite	133	-	-
10_T2_Cluster_01_Bed_07	140	-	-
10_T2_Cluster_01_Bed_07_Ensuite	133	-	-
10_T2_Cluster_01_Corridor	138	-	-
10_T2_Cluster_01_Kitchen	115	-	-
10_T2_Cluster_02_Bed_01	140	-	-
10_T2_Cluster_02_Bed_01_Ensuite	133	-	-
10_T2_Cluster_02_Bed_02	140	-	-
10_T2_Cluster_02_Bed_02_Ensuite	133	-	-
10_T2_Cluster_02_Bed_03	140	-	-
10_T2_Cluster_02_Bed_03_Ensuite	133	-	-
10_T2_Cluster_02_Bed_04	140	-	-
10_T2_Cluster_02_Bed_04_Ensuite	133	-	-
10_T2_Cluster_02_Bed_05	140	-	-
10_T2_Cluster_02_Bed_05_Ensuite	133	-	-
10_T2_Cluster_02_Bed_06	140	-	-
10_T2_Cluster_02_Bed_06_Ensuite	133	-	-
10_T2_Cluster_02_Bed_07	140	-	-
10_T2_Cluster_02_Bed_07_Ensuite	133	-	-
10_T2_Cluster_02_Corridor	138	-	-
10_T2_Cluster_02_Kitchen	115	-	-
10_T2_Corridor_01	138	-	-
10_T2_Corridor_01	138	-	-
10_T2_Lift_Lobby_01	138	-	-
10_T2_Lift_Lobby_02	138	-	-
10_T2_Stair_01	185	-	-
10_T2_Stair_02	185	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
10_T2_Studio_01	140	-	-
10_T2_Studio_01_Ensuite	133	-	-
10_T2_Studio_02	140	-	-
10_T2_Studio_02_Ensuite	133	-	-
10_T2_Studio_03	140	-	-
10_T2_Studio_03_Ensuite	133	-	-
10_T2_Studio_04	140	-	-
10_T2_Studio_04_Ensuite	133	-	-
10_T2_Studio_05	140	-	-
10_T2_Studio_05_Ensuite	133	-	-
10_T2_Studio_06	140	-	-
10_T2_Studio_06_Ensuite	133	-	-
10_T2_Studio_07	140	-	-
10_T2_Studio_07_Ensuite	133	-	-
11_T1_Circulation_01	138	-	-
11_T1_Circulation_02	138	-	-
11_T1_Lift_Lobby_01	138	-	-
11_T1_Lift_Lobby_02	138	-	-
11_T1_Stair_01	185	-	-
11_T1_Stair_02	185	-	-
11_T1_Store	120	-	-
11_T1_Store	120	-	-
11_T1_Studio_08_Ensuite	133	-	-
11_T1_Studio_09	140	-	-
11_T1_Twodio_01_Bed_01	140	-	-
11_T1_Twodio_01_Bed_01_Ensuite	133	-	-
11_T1_Twodio_01_Bed_02	140	-	-
11_T1_Twodio_01_Bed_02_Ensuite	133	-	-
11_T1_Twodio_01_Kitchen	115	-	-
11_T1_Twodio_02_Bed_01	140	-	-
11_T1_Twodio_02_Bed_01_Ensuite	133	-	-
11_T1_Twodio_02_Bed_02	140	-	-
11_T1_Twodio_02_Bed_02_Ensuite	133	-	-
11_T1_Twodio_02_Kitchen	115	-	-
11_T1_Twodio_03_Bed_01	140	-	-
11_T1_Twodio_03_Bed_01_Ensuite	133	-	-
11_T1_Twodio_03_Bed_02	140	-	-
11_T1_Twodio_03_Bed_02_Ensuite	133	-	-
11_T1_Twodio_03_Kitchen	115	-	-
11_T1_Twodio_04_Bed_01	140	-	-
11_T1_Twodio_04_Bed_01_Ensuite	133	-	-
11_T1_Twodio_04_Bed_02	140	-	-
11_T1_Twodio_04_Bed_02_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
11_T1_Twodio_04_Kitchen	115	-	-
11_T1_Twodio_05_Bed_01	140	-	-
11_T1_Twodio_05_Bed_01_Ensuite	133	-	-
11_T1_Twodio_05_Bed_02	140	-	-
11_T1_Twodio_05_Bed_02_Ensuite	133	-	-
11_T1_Twodio_05_Kitchen	115	-	-
11_T1_Twodio_06_Bed_01	140	-	-
11_T1_Twodio_06_Bed_01_Ensuite	133	-	-
11_T1_Twodio_06_Bed_02	140	-	-
11_T1_Twodio_06_Bed_02_Ensuite	133	-	-
11_T1_Twodio_06_Kitchen	115	-	-
11_T2_Acc_Studio_01	140	-	-
11_T2_Acc_Studio_01_Ensuite	133	-	-
11_T2_Cluster_01_Bed_01	140	-	-
11_T2_Cluster_01_Bed_01_Ensuite	133	-	-
11_T2_Cluster_01_Bed_02	140	-	-
11_T2_Cluster_01_Bed_02_Ensuite	133	-	-
11_T2_Cluster_01_Bed_03	140	-	-
11_T2_Cluster_01_Bed_03_Ensuite	133	-	-
11_T2_Cluster_01_Bed_04	140	-	-
11_T2_Cluster_01_Bed_04_Ensuite	133	-	-
11_T2_Cluster_01_Bed_05	140	-	-
11_T2_Cluster_01_Bed_05_Ensuite	133	-	-
11_T2_Cluster_01_Bed_06	140	-	-
11_T2_Cluster_01_Bed_06_Ensuite	133	-	-
11_T2_Cluster_01_Bed_07	140	-	-
11_T2_Cluster_01_Bed_07_Ensuite	133	-	-
11_T2_Cluster_01_Corridor	138	-	-
11_T2_Cluster_01_Kitchen	115	-	-
11_T2_Cluster_02_Bed_01	140	-	-
11_T2_Cluster_02_Bed_01_Ensuite	133	-	-
11_T2_Cluster_02_Bed_02	140	-	-
11_T2_Cluster_02_Bed_02_Ensuite	133	-	-
11_T2_Cluster_02_Bed_03	140	-	-
11_T2_Cluster_02_Bed_03_Ensuite	133	-	-
11_T2_Cluster_02_Bed_04	140	-	-
11_T2_Cluster_02_Bed_04_Ensuite	133	-	-
11_T2_Cluster_02_Bed_05	140	-	-
11_T2_Cluster_02_Bed_05_Ensuite	133	-	-
11_T2_Cluster_02_Bed_06	140	-	-
11_T2_Cluster_02_Bed_06_Ensuite	133	-	-
11_T2_Cluster_02_Bed_07	140	-	-
11_T2_Cluster_02_Bed_07_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
11_T2_Cluster_02_Corridor	138	-	-
11_T2_Cluster_02_Kitchen	115	-	-
11_T2_Corridor_01	138	-	-
11_T2_Corridor_01	138	-	-
11_T2_Lift_Lobby_01	138	-	-
11_T2_Lift_Lobby_02	138	-	-
11_T2_Stair_01	185	-	-
11_T2_Stair_02	185	-	-
11_T2_Studio_01	140	-	-
11_T2_Studio_01_Ensuite	133	-	-
11_T2_Studio_02	140	-	-
11_T2_Studio_02_Ensuite	133	-	-
11_T2_Studio_03	140	-	-
11_T2_Studio_03_Ensuite	133	-	-
11_T2_Studio_04	140	-	-
11_T2_Studio_04_Ensuite	133	-	-
11_T2_Studio_05	140	-	-
11_T2_Studio_05_Ensuite	133	-	-
11_T2_Studio_06	140	-	-
11_T2_Studio_06_Ensuite	133	-	-
11_T2_Studio_07	140	-	-
11_T2_Studio_07_Ensuite	133	-	-
12_T1_Circulation_01	138	-	-
12_T1_Circulation_02	138	-	-
12_T1_Lift_Lobby_01	138	-	-
12_T1_Lift_Lobby_02	138	-	-
12_T1_Stair_01	185	-	-
12_T1_Stair_02	185	-	-
12_T1_Store	120	-	-
12_T1_Store	120	-	-
12_T1_Studio_08_Ensuite	133	-	-
12_T1_Studio_09	140	-	-
12_T1_Twodio_01_Bed_01	140	-	-
12_T1_Twodio_01_Bed_01_Ensuite	133	-	-
12_T1_Twodio_01_Bed_02	140	-	-
12_T1_Twodio_01_Bed_02_Ensuite	133	-	-
12_T1_Twodio_01_Kitchen	115	-	-
12_T1_Twodio_02_Bed_01	140	-	-
12_T1_Twodio_02_Bed_01_Ensuite	133	-	-
12_T1_Twodio_02_Bed_02	140	-	-
12_T1_Twodio_02_Bed_02_Ensuite	133	-	-
12_T1_Twodio_02_Kitchen	115	-	-
12_T1_Twodio_03_Bed_01	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
12_T1_Twodio_03_Bed_01_Ensuite	133	-	-
12_T1_Twodio_03_Bed_02	140	-	-
12_T1_Twodio_03_Bed_02_Ensuite	133	-	-
12_T1_Twodio_03_Kitchen	115	-	-
12_T1_Twodio_04_Bed_01	140	-	-
12_T1_Twodio_04_Bed_01_Ensuite	133	-	-
12_T1_Twodio_04_Bed_02	140	-	-
12_T1_Twodio_04_Bed_02_Ensuite	133	-	-
12_T1_Twodio_04_Kitchen	115	-	-
12_T1_Twodio_05_Bed_01	140	-	-
12_T1_Twodio_05_Bed_01_Ensuite	133	-	-
12_T1_Twodio_05_Bed_02	140	-	-
12_T1_Twodio_05_Bed_02_Ensuite	133	-	-
12_T1_Twodio_05_Kitchen	115	-	-
12_T1_Twodio_06_Bed_01	140	-	-
12_T1_Twodio_06_Bed_01_Ensuite	133	-	-
12_T1_Twodio_06_Bed_02	140	-	-
12_T1_Twodio_06_Bed_02_Ensuite	133	-	-
12_T1_Twodio_06_Kitchen	115	-	-
12_T2_Acc_Studio_01	140	-	-
12_T2_Acc_Studio_01_Ensuite	133	-	-
12_T2_Cluster_01_Bed_01	140	-	-
12_T2_Cluster_01_Bed_01_Ensuite	133	-	-
12_T2_Cluster_01_Bed_02	140	-	-
12_T2_Cluster_01_Bed_02_Ensuite	133	-	-
12_T2_Cluster_01_Bed_03	140	-	-
12_T2_Cluster_01_Bed_03_Ensuite	133	-	-
12_T2_Cluster_01_Bed_04	140	-	-
12_T2_Cluster_01_Bed_04_Ensuite	133	-	-
12_T2_Cluster_01_Bed_05	140	-	-
12_T2_Cluster_01_Bed_05_Ensuite	133	-	-
12_T2_Cluster_01_Bed_06	140	-	-
12_T2_Cluster_01_Bed_06_Ensuite	133	-	-
12_T2_Cluster_01_Bed_07	140	-	-
12_T2_Cluster_01_Bed_07_Ensuite	133	-	-
12_T2_Cluster_01_Corridor	138	-	-
12_T2_Cluster_01_Kitchen	115	-	-
12_T2_Cluster_02_Bed_01	140	-	-
12_T2_Cluster_02_Bed_01_Ensuite	133	-	-
12_T2_Cluster_02_Bed_02	140	-	-
12_T2_Cluster_02_Bed_02_Ensuite	133	-	-
12_T2_Cluster_02_Bed_03	140	-	-
12_T2_Cluster_02_Bed_03_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
12_T2_Cluster_02_Bed_04	140	-	-
12_T2_Cluster_02_Bed_04_Ensuite	133	-	-
12_T2_Cluster_02_Bed_05	140	-	-
12_T2_Cluster_02_Bed_05_Ensuite	133	-	-
12_T2_Cluster_02_Bed_06	140	-	-
12_T2_Cluster_02_Bed_06_Ensuite	133	-	-
12_T2_Cluster_02_Bed_07	140	-	-
12_T2_Cluster_02_Bed_07_Ensuite	133	-	-
12_T2_Cluster_02_Corridor	138	-	-
12_T2_Cluster_02_Kitchen	115	-	-
12_T2_Corridor_01	138	-	-
12_T2_Corridor_01	138	-	-
12_T2_Lift_Lobby_01	138	-	-
12_T2_Lift_Lobby_02	138	-	-
12_T2_Stair_01	185	-	-
12_T2_Stair_02	185	-	-
12_T2_Studio_01	140	-	-
12_T2_Studio_01_Ensuite	133	-	-
12_T2_Studio_02	140	-	-
12_T2_Studio_02_Ensuite	133	-	-
12_T2_Studio_03	140	-	-
12_T2_Studio_03_Ensuite	133	-	-
12_T2_Studio_04	140	-	-
12_T2_Studio_04_Ensuite	133	-	-
12_T2_Studio_05	140	-	-
12_T2_Studio_05_Ensuite	133	-	-
12_T2_Studio_06	140	-	-
12_T2_Studio_06_Ensuite	133	-	-
12_T2_Studio_07	140	-	-
12_T2_Studio_07_Ensuite	133	-	-
13_T1_Circulation_01	138	-	-
13_T1_Circulation_02	138	-	-
13_T1_Lift_Lobby_01	138	-	-
13_T1_Lift_Lobby_02	138	-	-
13_T1_Stair_01	185	-	-
13_T1_Stair_02	185	-	-
13_T1_Store	120	-	-
13_T1_Store	120	-	-
13_T1_Studio_08_Ensuite	133	-	-
13_T1_Studio_09	140	-	-
13_T1_Twodio_01_Bed_01	140	-	-
13_T1_Twodio_01_Bed_01_Ensuite	133	-	-
13_T1_Twodio_01_Bed_02	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
13_T1_Twodio_01_Bed_02_Ensuite	133	-	-
13_T1_Twodio_01_Kitchen	115	-	-
13_T1_Twodio_02_Bed_01	140	-	-
13_T1_Twodio_02_Bed_01_Ensuite	133	-	-
13_T1_Twodio_02_Bed_02	140	-	-
13_T1_Twodio_02_Bed_02_Ensuite	133	-	-
13_T1_Twodio_02_Kitchen	115	-	-
13_T1_Twodio_03_Bed_01	140	-	-
13_T1_Twodio_03_Bed_01_Ensuite	133	-	-
13_T1_Twodio_03_Bed_02	140	-	-
13_T1_Twodio_03_Bed_02_Ensuite	133	-	-
13_T1_Twodio_03_Kitchen	115	-	-
13_T1_Twodio_04_Bed_01	140	-	-
13_T1_Twodio_04_Bed_01_Ensuite	133	-	-
13_T1_Twodio_04_Bed_02	140	-	-
13_T1_Twodio_04_Bed_02_Ensuite	133	-	-
13_T1_Twodio_04_Kitchen	115	-	-
13_T1_Twodio_05_Bed_01	140	-	-
13_T1_Twodio_05_Bed_01_Ensuite	133	-	-
13_T1_Twodio_05_Bed_02	140	-	-
13_T1_Twodio_05_Bed_02_Ensuite	133	-	-
13_T1_Twodio_05_Kitchen	115	-	-
13_T1_Twodio_06_Bed_01	140	-	-
13_T1_Twodio_06_Bed_01_Ensuite	133	-	-
13_T1_Twodio_06_Bed_02	140	-	-
13_T1_Twodio_06_Bed_02_Ensuite	133	-	-
13_T1_Twodio_06_Kitchen	115	-	-
13_T2_Acc_Studio_01	140	-	-
13_T2_Acc_Studio_01_Ensuite	133	-	-
13_T2_Cluster_01_Bed_01	140	-	-
13_T2_Cluster_01_Bed_01_Ensuite	133	-	-
13_T2_Cluster_01_Bed_02	140	-	-
13_T2_Cluster_01_Bed_02_Ensuite	133	-	-
13_T2_Cluster_01_Bed_03	140	-	-
13_T2_Cluster_01_Bed_03_Ensuite	133	-	-
13_T2_Cluster_01_Bed_04	140	-	-
13_T2_Cluster_01_Bed_04_Ensuite	133	-	-
13_T2_Cluster_01_Bed_05	140	-	-
13_T2_Cluster_01_Bed_05_Ensuite	133	-	-
13_T2_Cluster_01_Bed_06	140	-	-
13_T2_Cluster_01_Bed_06_Ensuite	133	-	-
13_T2_Cluster_01_Bed_07	140	-	-
13_T2_Cluster_01_Bed_07_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
13_T2_Cluster_01_Corridor	138	-	-
13_T2_Cluster_01_Kitchen	115	-	-
13_T2_Cluster_02_Bed_01	140	-	-
13_T2_Cluster_02_Bed_01_Ensuite	133	-	-
13_T2_Cluster_02_Bed_02	140	-	-
13_T2_Cluster_02_Bed_02_Ensuite	133	-	-
13_T2_Cluster_02_Bed_03	140	-	-
13_T2_Cluster_02_Bed_03_Ensuite	133	-	-
13_T2_Cluster_02_Bed_04	140	-	-
13_T2_Cluster_02_Bed_04_Ensuite	133	-	-
13_T2_Cluster_02_Bed_05	140	-	-
13_T2_Cluster_02_Bed_05_Ensuite	133	-	-
13_T2_Cluster_02_Bed_06	140	-	-
13_T2_Cluster_02_Bed_06_Ensuite	133	-	-
13_T2_Cluster_02_Bed_07	140	-	-
13_T2_Cluster_02_Bed_07_Ensuite	133	-	-
13_T2_Cluster_02_Corridor	138	-	-
13_T2_Cluster_02_Kitchen	115	-	-
13_T2_Corridor_01	138	-	-
13_T2_Corridor_01	138	-	-
13_T2_Lift_Lobby_01	138	-	-
13_T2_Lift_Lobby_02	138	-	-
13_T2_Stair_01	185	-	-
13_T2_Stair_02	185	-	-
13_T2_Studio_01	140	-	-
13_T2_Studio_01_Ensuite	133	-	-
13_T2_Studio_02	140	-	-
13_T2_Studio_02_Ensuite	133	-	-
13_T2_Studio_03	140	-	-
13_T2_Studio_03_Ensuite	133	-	-
13_T2_Studio_04	140	-	-
13_T2_Studio_04_Ensuite	133	-	-
13_T2_Studio_05	140	-	-
13_T2_Studio_05_Ensuite	133	-	-
13_T2_Studio_06	140	-	-
13_T2_Studio_06_Ensuite	133	-	-
13_T2_Studio_07	140	-	-
13_T2_Studio_07_Ensuite	133	-	-
14_T1_Circulation_01	138	-	-
14_T1_Circulation_02	138	-	-
14_T1_Lift_Lobby_01	138	-	-
14_T1_Lift_Lobby_02	138	-	-
14_T1_Stair_01	185	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
14_T1_Stair_02	185	-	-
14_T1_Store	120	-	-
14_T1_Store	120	-	-
14_T1_Studio_08_Ensuite	133	-	-
14_T1_Studio_09	140	-	-
14_T1_Twodio_01_Bed_01	140	-	-
14_T1_Twodio_01_Bed_01_Ensuite	133	-	-
14_T1_Twodio_01_Bed_02	140	-	-
14_T1_Twodio_01_Bed_02_Ensuite	133	-	-
14_T1_Twodio_01_Kitchen	115	-	-
14_T1_Twodio_02_Bed_01	140	-	-
14_T1_Twodio_02_Bed_01_Ensuite	133	-	-
14_T1_Twodio_02_Bed_02	140	-	-
14_T1_Twodio_02_Bed_02_Ensuite	133	-	-
14_T1_Twodio_02_Kitchen	115	-	-
14_T1_Twodio_03_Bed_01	140	-	-
14_T1_Twodio_03_Bed_01_Ensuite	133	-	-
14_T1_Twodio_03_Bed_02	140	-	-
14_T1_Twodio_03_Bed_02_Ensuite	133	-	-
14_T1_Twodio_03_Kitchen	115	-	-
14_T1_Twodio_04_Bed_01	140	-	-
14_T1_Twodio_04_Bed_01_Ensuite	133	-	-
14_T1_Twodio_04_Bed_02	140	-	-
14_T1_Twodio_04_Bed_02_Ensuite	133	-	-
14_T1_Twodio_04_Kitchen	115	-	-
14_T1_Twodio_05_Bed_01	140	-	-
14_T1_Twodio_05_Bed_01_Ensuite	133	-	-
14_T1_Twodio_05_Bed_02	140	-	-
14_T1_Twodio_05_Bed_02_Ensuite	133	-	-
14_T1_Twodio_05_Kitchen	115	-	-
14_T1_Twodio_06_Bed_01	140	-	-
14_T1_Twodio_06_Bed_01_Ensuite	133	-	-
14_T1_Twodio_06_Bed_02	140	-	-
14_T1_Twodio_06_Bed_02_Ensuite	133	-	-
14_T1_Twodio_06_Kitchen	115	-	-
14_T2_Acc_Studio_01	140	-	-
14_T2_Acc_Studio_01_Ensuite	133	-	-
14_T2_Cluster_01_Bed_01	140	-	-
14_T2_Cluster_01_Bed_01_Ensuite	133	-	-
14_T2_Cluster_01_Bed_02	140	-	-
14_T2_Cluster_01_Bed_02_Ensuite	133	-	-
14_T2_Cluster_01_Bed_03	140	-	-
14_T2_Cluster_01_Bed_03_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
14_T2_Cluster_01_Bed_04	140	-	-
14_T2_Cluster_01_Bed_04_Ensuite	133	-	-
14_T2_Cluster_01_Bed_05	140	-	-
14_T2_Cluster_01_Bed_05_Ensuite	133	-	-
14_T2_Cluster_01_Bed_06	140	-	-
14_T2_Cluster_01_Bed_06_Ensuite	133	-	-
14_T2_Cluster_01_Bed_07	140	-	-
14_T2_Cluster_01_Bed_07_Ensuite	133	-	-
14_T2_Cluster_01_Corridor	138	-	-
14_T2_Cluster_01_Kitchen	115	-	-
14_T2_Cluster_02_Bed_01	140	-	-
14_T2_Cluster_02_Bed_01_Ensuite	133	-	-
14_T2_Cluster_02_Bed_02	140	-	-
14_T2_Cluster_02_Bed_02_Ensuite	133	-	-
14_T2_Cluster_02_Bed_03	140	-	-
14_T2_Cluster_02_Bed_03_Ensuite	133	-	-
14_T2_Cluster_02_Bed_04	140	-	-
14_T2_Cluster_02_Bed_04_Ensuite	133	-	-
14_T2_Cluster_02_Bed_05	140	-	-
14_T2_Cluster_02_Bed_05_Ensuite	133	-	-
14_T2_Cluster_02_Bed_06	140	-	-
14_T2_Cluster_02_Bed_06_Ensuite	133	-	-
14_T2_Cluster_02_Bed_07	140	-	-
14_T2_Cluster_02_Bed_07_Ensuite	133	-	-
14_T2_Cluster_02_Corridor	138	-	-
14_T2_Cluster_02_Kitchen	115	-	-
14_T2_Corridor_01	138	-	-
14_T2_Corridor_01	138	-	-
14_T2_Lift_Lobby_01	138	-	-
14_T2_Lift_Lobby_02	138	-	-
14_T2_Stair_01	185	-	-
14_T2_Stair_02	185	-	-
14_T2_Studio_01	140	-	-
14_T2_Studio_01_Ensuite	133	-	-
14_T2_Studio_02	140	-	-
14_T2_Studio_02_Ensuite	133	-	-
14_T2_Studio_03	140	-	-
14_T2_Studio_03_Ensuite	133	-	-
14_T2_Studio_04	140	-	-
14_T2_Studio_04_Ensuite	133	-	-
14_T2_Studio_05	140	-	-
14_T2_Studio_05_Ensuite	133	-	-
14_T2_Studio_06	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
14_T2_Studio_06_Ensuite	133	-	-
14_T2_Studio_07	140	-	-
14_T2_Studio_07_Ensuite	133	-	-
15_T2_Acc_Studio_01	140	-	-
15_T2_Acc_Studio_01_Ensuite	133	-	-
15_T2_Cluster_01_Bed_01	140	-	-
15_T2_Cluster_01_Bed_01_Ensuite	133	-	-
15_T2_Cluster_01_Bed_02	140	-	-
15_T2_Cluster_01_Bed_02_Ensuite	133	-	-
15_T2_Cluster_01_Bed_03	140	-	-
15_T2_Cluster_01_Bed_03_Ensuite	133	-	-
15_T2_Cluster_01_Bed_04	140	-	-
15_T2_Cluster_01_Bed_04_Ensuite	133	-	-
15_T2_Cluster_01_Bed_05	140	-	-
15_T2_Cluster_01_Bed_05_Ensuite	133	-	-
15_T2_Cluster_01_Bed_06	140	-	-
15_T2_Cluster_01_Bed_06_Ensuite	133	-	-
15_T2_Cluster_01_Bed_07	140	-	-
15_T2_Cluster_01_Bed_07_Ensuite	133	-	-
15_T2_Cluster_01_Corridor	138	-	-
15_T2_Cluster_01_Kitchen	115	-	-
15_T2_Cluster_02_Bed_01	140	-	-
15_T2_Cluster_02_Bed_01_Ensuite	133	-	-
15_T2_Cluster_02_Bed_02	140	-	-
15_T2_Cluster_02_Bed_02_Ensuite	133	-	-
15_T2_Cluster_02_Bed_03	140	-	-
15_T2_Cluster_02_Bed_03_Ensuite	133	-	-
15_T2_Cluster_02_Bed_04	140	-	-
15_T2_Cluster_02_Bed_04_Ensuite	133	-	-
15_T2_Cluster_02_Bed_05	140	-	-
15_T2_Cluster_02_Bed_05_Ensuite	133	-	-
15_T2_Cluster_02_Bed_06	140	-	-
15_T2_Cluster_02_Bed_06_Ensuite	133	-	-
15_T2_Cluster_02_Bed_07	140	-	-
15_T2_Cluster_02_Bed_07_Ensuite	133	-	-
15_T2_Cluster_02_Corridor	138	-	-
15_T2_Cluster_02_Kitchen	115	-	-
15_T2_Corridor_01	138	-	-
15_T2_Corridor_01	138	-	-
15_T2_Lift_Lobby_01	138	-	-
15_T2_Lift_Lobby_02	138	-	-
15_T2_Stair_01	185	-	-
15_T2_Stair_02	185	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
15_T2_Studio_01	140	-	-
15_T2_Studio_01_Ensuite	133	-	-
15_T2_Studio_02	140	-	-
15_T2_Studio_02_Ensuite	133	-	-
15_T2_Studio_03	140	-	-
15_T2_Studio_03_Ensuite	133	-	-
15_T2_Studio_04	140	-	-
15_T2_Studio_04_Ensuite	133	-	-
15_T2_Studio_05	140	-	-
15_T2_Studio_05_Ensuite	133	-	-
15_T2_Studio_06	140	-	-
15_T2_Studio_06_Ensuite	133	-	-
15_T2_Studio_07	140	-	-
15_T2_Studio_07_Ensuite	133	-	-
16_T2_Acc_Studio_01	140	-	-
16_T2_Acc_Studio_01_Ensuite	133	-	-
16_T2_Cluster_01_Bed_01	140	-	-
16_T2_Cluster_01_Bed_01_Ensuite	133	-	-
16_T2_Cluster_01_Bed_02	140	-	-
16_T2_Cluster_01_Bed_02_Ensuite	133	-	-
16_T2_Cluster_01_Bed_03	140	-	-
16_T2_Cluster_01_Bed_03_Ensuite	133	-	-
16_T2_Cluster_01_Bed_04	140	-	-
16_T2_Cluster_01_Bed_04_Ensuite	133	-	-
16_T2_Cluster_01_Bed_05	140	-	-
16_T2_Cluster_01_Bed_05_Ensuite	133	-	-
16_T2_Cluster_01_Bed_06	140	-	-
16_T2_Cluster_01_Bed_06_Ensuite	133	-	-
16_T2_Cluster_01_Bed_07	140	-	-
16_T2_Cluster_01_Bed_07_Ensuite	133	-	-
16_T2_Cluster_01_Corridor	138	-	-
16_T2_Cluster_01_Kitchen	115	-	-
16_T2_Cluster_02_Bed_01	140	-	-
16_T2_Cluster_02_Bed_01_Ensuite	133	-	-
16_T2_Cluster_02_Bed_02	140	-	-
16_T2_Cluster_02_Bed_02_Ensuite	133	-	-
16_T2_Cluster_02_Bed_03	140	-	-
16_T2_Cluster_02_Bed_03_Ensuite	133	-	-
16_T2_Cluster_02_Bed_04	140	-	-
16_T2_Cluster_02_Bed_04_Ensuite	133	-	-
16_T2_Cluster_02_Bed_05	140	-	-
16_T2_Cluster_02_Bed_05_Ensuite	133	-	-
16_T2_Cluster_02_Bed_06	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
16_T2_Cluster_02_Bed_06_Ensuite	133	-	-
16_T2_Cluster_02_Bed_07	140	-	-
16_T2_Cluster_02_Bed_07_Ensuite	133	-	-
16_T2_Cluster_02_Corridor	138	-	-
16_T2_Cluster_02_Kitchen	115	-	-
16_T2_Corridor_01	138	-	-
16_T2_Corridor_01	138	-	-
16_T2_Lift_Lobby_01	138	-	-
16_T2_Lift_Lobby_02	138	-	-
16_T2_Stair_01	185	-	-
16_T2_Stair_02	185	-	-
16_T2_Studio_01	140	-	-
16_T2_Studio_01_Ensuite	133	-	-
16_T2_Studio_02	140	-	-
16_T2_Studio_02_Ensuite	133	-	-
16_T2_Studio_03	140	-	-
16_T2_Studio_03_Ensuite	133	-	-
16_T2_Studio_04	140	-	-
16_T2_Studio_04_Ensuite	133	-	-
16_T2_Studio_05	140	-	-
16_T2_Studio_05_Ensuite	133	-	-
16_T2_Studio_06	140	-	-
16_T2_Studio_06_Ensuite	133	-	-
16_T2_Studio_07	140	-	-
16_T2_Studio_07_Ensuite	133	-	-
17_T2_Acc_Studio_01	140	-	-
17_T2_Acc_Studio_01_Ensuite	133	-	-
17_T2_Cluster_01_Bed_01	140	-	-
17_T2_Cluster_01_Bed_01_Ensuite	133	-	-
17_T2_Cluster_01_Bed_02	140	-	-
17_T2_Cluster_01_Bed_02_Ensuite	133	-	-
17_T2_Cluster_01_Bed_03	140	-	-
17_T2_Cluster_01_Bed_03_Ensuite	133	-	-
17_T2_Cluster_01_Bed_04	140	-	-
17_T2_Cluster_01_Bed_04_Ensuite	133	-	-
17_T2_Cluster_01_Bed_05	140	-	-
17_T2_Cluster_01_Bed_05_Ensuite	133	-	-
17_T2_Cluster_01_Bed_06	140	-	-
17_T2_Cluster_01_Bed_06_Ensuite	133	-	-
17_T2_Cluster_01_Bed_07	140	-	-
17_T2_Cluster_01_Bed_07_Ensuite	133	-	-
17_T2_Cluster_01_Corridor	138	-	-
17_T2_Cluster_01_Kitchen	115	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
17_T2_Cluster_02_Bed_01	140	-	-
17_T2_Cluster_02_Bed_01_Ensuite	133	-	-
17_T2_Cluster_02_Bed_02	140	-	-
17_T2_Cluster_02_Bed_02_Ensuite	133	-	-
17_T2_Cluster_02_Bed_03	140	-	-
17_T2_Cluster_02_Bed_03_Ensuite	133	-	-
17_T2_Cluster_02_Bed_04	140	-	-
17_T2_Cluster_02_Bed_04_Ensuite	133	-	-
17_T2_Cluster_02_Bed_05	140	-	-
17_T2_Cluster_02_Bed_05_Ensuite	133	-	-
17_T2_Cluster_02_Bed_06	140	-	-
17_T2_Cluster_02_Bed_06_Ensuite	133	-	-
17_T2_Cluster_02_Bed_07	140	-	-
17_T2_Cluster_02_Bed_07_Ensuite	133	-	-
17_T2_Cluster_02_Corridor	138	-	-
17_T2_Cluster_02_Kitchen	115	-	-
17_T2_Corridor_01	138	-	-
17_T2_Corridor_01	138	-	-
17_T2_Lift_Lobby_01	138	-	-
17_T2_Lift_Lobby_02	138	-	-
17_T2_Stair_01	185	-	-
17_T2_Stair_02	185	-	-
17_T2_Studio_01	140	-	-
17_T2_Studio_01_Ensuite	133	-	-
17_T2_Studio_02	140	-	-
17_T2_Studio_02_Ensuite	133	-	-
17_T2_Studio_03	140	-	-
17_T2_Studio_03_Ensuite	133	-	-
17_T2_Studio_04	140	-	-
17_T2_Studio_04_Ensuite	133	-	-
17_T2_Studio_05	140	-	-
17_T2_Studio_05_Ensuite	133	-	-
17_T2_Studio_06	140	-	-
17_T2_Studio_06_Ensuite	133	-	-
17_T2_Studio_07	140	-	-
17_T2_Studio_07_Ensuite	133	-	-
18_T2_Acc_Studio_01	140	-	-
18_T2_Acc_Studio_01_Ensuite	133	-	-
18_T2_Cluster_01_Bed_01	140	-	-
18_T2_Cluster_01_Bed_01_Ensuite	133	-	-
18_T2_Cluster_01_Bed_02	140	-	-
18_T2_Cluster_01_Bed_02_Ensuite	133	-	-
18_T2_Cluster_01_Bed_03	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
18_T2_Cluster_01_Bed_03_Ensuite	133	-	-
18_T2_Cluster_01_Bed_04	140	-	-
18_T2_Cluster_01_Bed_04_Ensuite	133	-	-
18_T2_Cluster_01_Bed_05	140	-	-
18_T2_Cluster_01_Bed_05_Ensuite	133	-	-
18_T2_Cluster_01_Bed_06	140	-	-
18_T2_Cluster_01_Bed_06_Ensuite	133	-	-
18_T2_Cluster_01_Bed_07	140	-	-
18_T2_Cluster_01_Bed_07_Ensuite	133	-	-
18_T2_Cluster_01_Corridor	138	-	-
18_T2_Cluster_01_Kitchen	115	-	-
18_T2_Cluster_02_Bed_01	140	-	-
18_T2_Cluster_02_Bed_01_Ensuite	133	-	-
18_T2_Cluster_02_Bed_02	140	-	-
18_T2_Cluster_02_Bed_02_Ensuite	133	-	-
18_T2_Cluster_02_Bed_03	140	-	-
18_T2_Cluster_02_Bed_03_Ensuite	133	-	-
18_T2_Cluster_02_Bed_04	140	-	-
18_T2_Cluster_02_Bed_04_Ensuite	133	-	-
18_T2_Cluster_02_Bed_05	140	-	-
18_T2_Cluster_02_Bed_05_Ensuite	133	-	-
18_T2_Cluster_02_Bed_06	140	-	-
18_T2_Cluster_02_Bed_06_Ensuite	133	-	-
18_T2_Cluster_02_Bed_07	140	-	-
18_T2_Cluster_02_Bed_07_Ensuite	133	-	-
18_T2_Cluster_02_Corridor	138	-	-
18_T2_Cluster_02_Kitchen	115	-	-
18_T2_Corridor_01	138	-	-
18_T2_Corridor_01	138	-	-
18_T2_Lift_Lobby_01	138	-	-
18_T2_Lift_Lobby_02	138	-	-
18_T2_Stair_01	185	-	-
18_T2_Stair_02	185	-	-
18_T2_Studio_01	140	-	-
18_T2_Studio_01_Ensuite	133	-	-
18_T2_Studio_02	140	-	-
18_T2_Studio_02_Ensuite	133	-	-
18_T2_Studio_03	140	-	-
18_T2_Studio_03_Ensuite	133	-	-
18_T2_Studio_04	140	-	-
18_T2_Studio_04_Ensuite	133	-	-
18_T2_Studio_05	140	-	-
18_T2_Studio_05_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
18_T2_Studio_06	140	-	-
18_T2_Studio_06_Ensuite	133	-	-
18_T2_Studio_07	140	-	-
18_T2_Studio_07_Ensuite	133	-	-
19_T2_Acc_Studio_01	140	-	-
19_T2_Acc_Studio_01_Ensuite	133	-	-
19_T2_Cluster_01_Bed_01	140	-	-
19_T2_Cluster_01_Bed_01_Ensuite	133	-	-
19_T2_Cluster_01_Bed_02	140	-	-
19_T2_Cluster_01_Bed_02_Ensuite	133	-	-
19_T2_Cluster_01_Bed_03	140	-	-
19_T2_Cluster_01_Bed_03_Ensuite	133	-	-
19_T2_Cluster_01_Bed_04	140	-	-
19_T2_Cluster_01_Bed_04_Ensuite	133	-	-
19_T2_Cluster_01_Bed_05	140	-	-
19_T2_Cluster_01_Bed_05_Ensuite	133	-	-
19_T2_Cluster_01_Bed_06	140	-	-
19_T2_Cluster_01_Bed_06_Ensuite	133	-	-
19_T2_Cluster_01_Bed_07	140	-	-
19_T2_Cluster_01_Bed_07_Ensuite	133	-	-
19_T2_Cluster_01_Corridor	138	-	-
19_T2_Cluster_01_Kitchen	115	-	-
19_T2_Cluster_02_Bed_01	140	-	-
19_T2_Cluster_02_Bed_01_Ensuite	133	-	-
19_T2_Cluster_02_Bed_02	140	-	-
19_T2_Cluster_02_Bed_02_Ensuite	133	-	-
19_T2_Cluster_02_Bed_03	140	-	-
19_T2_Cluster_02_Bed_03_Ensuite	133	-	-
19_T2_Cluster_02_Bed_04	140	-	-
19_T2_Cluster_02_Bed_04_Ensuite	133	-	-
19_T2_Cluster_02_Bed_05	140	-	-
19_T2_Cluster_02_Bed_05_Ensuite	133	-	-
19_T2_Cluster_02_Bed_06	140	-	-
19_T2_Cluster_02_Bed_06_Ensuite	133	-	-
19_T2_Cluster_02_Bed_07	140	-	-
19_T2_Cluster_02_Bed_07_Ensuite	133	-	-
19_T2_Cluster_02_Corridor	138	-	-
19_T2_Cluster_02_Kitchen	115	-	-
19_T2_Corridor_01	138	-	-
19_T2_Corridor_01	138	-	-
19_T2_Lift_Lobby_01	138	-	-
19_T2_Lift_Lobby_02	138	-	-
19_T2_Stair_01	185	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
19_T2_Stair_02	185	-	-
19_T2_Studio_01	140	-	-
19_T2_Studio_01_Ensuite	133	-	-
19_T2_Studio_02	140	-	-
19_T2_Studio_02_Ensuite	133	-	-
19_T2_Studio_03	140	-	-
19_T2_Studio_03_Ensuite	133	-	-
19_T2_Studio_04	140	-	-
19_T2_Studio_04_Ensuite	133	-	-
19_T2_Studio_05	140	-	-
19_T2_Studio_05_Ensuite	133	-	-
19_T2_Studio_06	140	-	-
19_T2_Studio_06_Ensuite	133	-	-
19_T2_Studio_07	140	-	-
19_T2_Studio_07_Ensuite	133	-	-
20_T2_Acc_Studio_01	140	-	-
20_T2_Acc_Studio_01_Ensuite	133	-	-
20_T2_Cluster_01_Bed_01	140	-	-
20_T2_Cluster_01_Bed_01_Ensuite	133	-	-
20_T2_Cluster_01_Bed_02	140	-	-
20_T2_Cluster_01_Bed_02_Ensuite	133	-	-
20_T2_Cluster_01_Bed_03	140	-	-
20_T2_Cluster_01_Bed_03_Ensuite	133	-	-
20_T2_Cluster_01_Bed_04	140	-	-
20_T2_Cluster_01_Bed_04_Ensuite	133	-	-
20_T2_Cluster_01_Bed_05	140	-	-
20_T2_Cluster_01_Bed_05_Ensuite	133	-	-
20_T2_Cluster_01_Bed_06	140	-	-
20_T2_Cluster_01_Bed_06_Ensuite	133	-	-
20_T2_Cluster_01_Bed_07	140	-	-
20_T2_Cluster_01_Bed_07_Ensuite	133	-	-
20_T2_Cluster_01_Corridor	138	-	-
20_T2_Cluster_01_Kitchen	115	-	-
20_T2_Cluster_02_Bed_01	140	-	-
20_T2_Cluster_02_Bed_01_Ensuite	133	-	-
20_T2_Cluster_02_Bed_02	140	-	-
20_T2_Cluster_02_Bed_02_Ensuite	133	-	-
20_T2_Cluster_02_Bed_03	140	-	-
20_T2_Cluster_02_Bed_03_Ensuite	133	-	-
20_T2_Cluster_02_Bed_04	140	-	-
20_T2_Cluster_02_Bed_04_Ensuite	133	-	-
20_T2_Cluster_02_Bed_05	140	-	-
20_T2_Cluster_02_Bed_05_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
20_T2_Cluster_02_Bed_06	140	-	-
20_T2_Cluster_02_Bed_06_Ensuite	133	-	-
20_T2_Cluster_02_Bed_07	140	-	-
20_T2_Cluster_02_Bed_07_Ensuite	133	-	-
20_T2_Cluster_02_Corridor	138	-	-
20_T2_Cluster_02_Kitchen	115	-	-
20_T2_Corridor_01	138	-	-
20_T2_Corridor_01	138	-	-
20_T2_Lift_Lobby_01	138	-	-
20_T2_Lift_Lobby_02	138	-	-
20_T2_Stair_01	185	-	-
20_T2_Stair_02	185	-	-
20_T2_Studio_01	140	-	-
20_T2_Studio_01_Ensuite	133	-	-
20_T2_Studio_02	140	-	-
20_T2_Studio_02_Ensuite	133	-	-
20_T2_Studio_03	140	-	-
20_T2_Studio_03_Ensuite	133	-	-
20_T2_Studio_04	140	-	-
20_T2_Studio_04_Ensuite	133	-	-
20_T2_Studio_05	140	-	-
20_T2_Studio_05_Ensuite	133	-	-
20_T2_Studio_06	140	-	-
20_T2_Studio_06_Ensuite	133	-	-
20_T2_Studio_07	140	-	-
20_T2_Studio_07_Ensuite	133	-	-
21_T2_Acc_Studio_01	140	-	-
21_T2_Acc_Studio_01_Ensuite	133	-	-
21_T2_Cluster_01_Bed_01	140	-	-
21_T2_Cluster_01_Bed_01_Ensuite	133	-	-
21_T2_Cluster_01_Bed_02	140	-	-
21_T2_Cluster_01_Bed_02_Ensuite	133	-	-
21_T2_Cluster_01_Bed_03	140	-	-
21_T2_Cluster_01_Bed_03_Ensuite	133	-	-
21_T2_Cluster_01_Bed_04	140	-	-
21_T2_Cluster_01_Bed_04_Ensuite	133	-	-
21_T2_Cluster_01_Bed_05	140	-	-
21_T2_Cluster_01_Bed_05_Ensuite	133	-	-
21_T2_Cluster_01_Bed_06	140	-	-
21_T2_Cluster_01_Bed_06_Ensuite	133	-	-
21_T2_Cluster_01_Bed_07	140	-	-
21_T2_Cluster_01_Bed_07_Ensuite	133	-	-
21_T2_Cluster_01_Corridor	138	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
21_T2_Cluster_01_Kitchen	115	-	-
21_T2_Cluster_02_Bed_01	140	-	-
21_T2_Cluster_02_Bed_01_Ensuite	133	-	-
21_T2_Cluster_02_Bed_02	140	-	-
21_T2_Cluster_02_Bed_02_Ensuite	133	-	-
21_T2_Cluster_02_Bed_03	140	-	-
21_T2_Cluster_02_Bed_03_Ensuite	133	-	-
21_T2_Cluster_02_Bed_04	140	-	-
21_T2_Cluster_02_Bed_04_Ensuite	133	-	-
21_T2_Cluster_02_Bed_05	140	-	-
21_T2_Cluster_02_Bed_05_Ensuite	133	-	-
21_T2_Cluster_02_Bed_06	140	-	-
21_T2_Cluster_02_Bed_06_Ensuite	133	-	-
21_T2_Cluster_02_Bed_07	140	-	-
21_T2_Cluster_02_Bed_07_Ensuite	133	-	-
21_T2_Cluster_02_Corridor	138	-	-
21_T2_Cluster_02_Kitchen	115	-	-
21_T2_Corridor_01	138	-	-
21_T2_Corridor_01	138	-	-
21_T2_Lift_Lobby_01	138	-	-
21_T2_Lift_Lobby_02	138	-	-
21_T2_Stair_01	185	-	-
21_T2_Stair_02	185	-	-
21_T2_Studio_01	140	-	-
21_T2_Studio_01_Ensuite	133	-	-
21_T2_Studio_02	140	-	-
21_T2_Studio_02_Ensuite	133	-	-
21_T2_Studio_03	140	-	-
21_T2_Studio_03_Ensuite	133	-	-
21_T2_Studio_04	140	-	-
21_T2_Studio_04_Ensuite	133	-	-
21_T2_Studio_05	140	-	-
21_T2_Studio_05_Ensuite	133	-	-
21_T2_Studio_06	140	-	-
21_T2_Studio_06_Ensuite	133	-	-
21_T2_Studio_07	140	-	-
21_T2_Studio_07_Ensuite	133	-	-
22_T2_Acc_Studio_01	140	-	-
22_T2_Acc_Studio_01_Ensuite	133	-	-
22_T2_Cluster_01_Bed_01	140	-	-
22_T2_Cluster_01_Bed_01_Ensuite	133	-	-
22_T2_Cluster_01_Bed_02	140	-	-
22_T2_Cluster_01_Bed_02_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
22_T2_Cluster_01_Bed_03	140	-	-
22_T2_Cluster_01_Bed_03_Ensuite	133	-	-
22_T2_Cluster_01_Bed_04	140	-	-
22_T2_Cluster_01_Bed_04_Ensuite	133	-	-
22_T2_Cluster_01_Bed_05	140	-	-
22_T2_Cluster_01_Bed_05_Ensuite	133	-	-
22_T2_Cluster_01_Bed_06	140	-	-
22_T2_Cluster_01_Bed_06_Ensuite	133	-	-
22_T2_Cluster_01_Bed_07	140	-	-
22_T2_Cluster_01_Bed_07_Ensuite	133	-	-
22_T2_Cluster_01_Corridor	138	-	-
22_T2_Cluster_01_Kitchen	115	-	-
22_T2_Cluster_02_Bed_01	140	-	-
22_T2_Cluster_02_Bed_01_Ensuite	133	-	-
22_T2_Cluster_02_Bed_02	140	-	-
22_T2_Cluster_02_Bed_02_Ensuite	133	-	-
22_T2_Cluster_02_Bed_03	140	-	-
22_T2_Cluster_02_Bed_03_Ensuite	133	-	-
22_T2_Cluster_02_Bed_04	140	-	-
22_T2_Cluster_02_Bed_04_Ensuite	133	-	-
22_T2_Cluster_02_Bed_05	140	-	-
22_T2_Cluster_02_Bed_05_Ensuite	133	-	-
22_T2_Cluster_02_Bed_06	140	-	-
22_T2_Cluster_02_Bed_06_Ensuite	133	-	-
22_T2_Cluster_02_Bed_07	140	-	-
22_T2_Cluster_02_Bed_07_Ensuite	133	-	-
22_T2_Cluster_02_Corridor	138	-	-
22_T2_Cluster_02_Kitchen	115	-	-
22_T2_Corridor_01	138	-	-
22_T2_Corridor_01	138	-	-
22_T2_Lift_Lobby_01	138	-	-
22_T2_Lift_Lobby_02	138	-	-
22_T2_Stair_01	185	-	-
22_T2_Stair_02	185	-	-
22_T2_Studio_01	140	-	-
22_T2_Studio_01_Ensuite	133	-	-
22_T2_Studio_02	140	-	-
22_T2_Studio_02_Ensuite	133	-	-
22_T2_Studio_03	140	-	-
22_T2_Studio_03_Ensuite	133	-	-
22_T2_Studio_04	140	-	-
22_T2_Studio_04_Ensuite	133	-	-
22_T2_Studio_05	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
22_T2_Studio_05_Ensuite	133	-	-
22_T2_Studio_06	140	-	-
22_T2_Studio_06_Ensuite	133	-	-
22_T2_Studio_07	140	-	-
22_T2_Studio_07_Ensuite	133	-	-
23_T2_Acc_Studio_01	140	-	-
23_T2_Acc_Studio_01_Ensuite	133	-	-
23_T2_Cluster_01_Bed_01	140	-	-
23_T2_Cluster_01_Bed_01_Ensuite	133	-	-
23_T2_Cluster_01_Bed_02	140	-	-
23_T2_Cluster_01_Bed_02_Ensuite	133	-	-
23_T2_Cluster_01_Bed_03	140	-	-
23_T2_Cluster_01_Bed_03_Ensuite	133	-	-
23_T2_Cluster_01_Bed_04	140	-	-
23_T2_Cluster_01_Bed_04_Ensuite	133	-	-
23_T2_Cluster_01_Bed_05	140	-	-
23_T2_Cluster_01_Bed_05_Ensuite	133	-	-
23_T2_Cluster_01_Bed_06	140	-	-
23_T2_Cluster_01_Bed_06_Ensuite	133	-	-
23_T2_Cluster_01_Bed_07	140	-	-
23_T2_Cluster_01_Bed_07_Ensuite	133	-	-
23_T2_Cluster_01_Corridor	138	-	-
23_T2_Cluster_01_Kitchen	115	-	-
23_T2_Cluster_02_Bed_01	140	-	-
23_T2_Cluster_02_Bed_01_Ensuite	133	-	-
23_T2_Cluster_02_Bed_02	140	-	-
23_T2_Cluster_02_Bed_02_Ensuite	133	-	-
23_T2_Cluster_02_Bed_03	140	-	-
23_T2_Cluster_02_Bed_03_Ensuite	133	-	-
23_T2_Cluster_02_Bed_04	140	-	-
23_T2_Cluster_02_Bed_04_Ensuite	133	-	-
23_T2_Cluster_02_Bed_05	140	-	-
23_T2_Cluster_02_Bed_05_Ensuite	133	-	-
23_T2_Cluster_02_Bed_06	140	-	-
23_T2_Cluster_02_Bed_06_Ensuite	133	-	-
23_T2_Cluster_02_Bed_07	140	-	-
23_T2_Cluster_02_Bed_07_Ensuite	133	-	-
23_T2_Cluster_02_Corridor	138	-	-
23_T2_Cluster_02_Kitchen	115	-	-
23_T2_Corridor_01	138	-	-
23_T2_Corridor_01	138	-	-
23_T2_Lift_Lobby_01	138	-	-
23_T2_Lift_Lobby_02	138	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
23_T2_Stair_01	185	-	-
23_T2_Stair_02	185	-	-
23_T2_Studio_01	140	-	-
23_T2_Studio_01_Ensuite	133	-	-
23_T2_Studio_02	140	-	-
23_T2_Studio_02_Ensuite	133	-	-
23_T2_Studio_03	140	-	-
23_T2_Studio_03_Ensuite	133	-	-
23_T2_Studio_04	140	-	-
23_T2_Studio_04_Ensuite	133	-	-
23_T2_Studio_05	140	-	-
23_T2_Studio_05_Ensuite	133	-	-
23_T2_Studio_06	140	-	-
23_T2_Studio_06_Ensuite	133	-	-
23_T2_Studio_07	140	-	-
23_T2_Studio_07_Ensuite	133	-	-
24_T2_Acc_Studio_01	140	-	-
24_T2_Acc_Studio_01_Ensuite	133	-	-
24_T2_Cluster_01_Bed_01	140	-	-
24_T2_Cluster_01_Bed_01_Ensuite	133	-	-
24_T2_Cluster_01_Bed_02	140	-	-
24_T2_Cluster_01_Bed_02_Ensuite	133	-	-
24_T2_Cluster_01_Bed_03	140	-	-
24_T2_Cluster_01_Bed_03_Ensuite	133	-	-
24_T2_Cluster_01_Bed_04	140	-	-
24_T2_Cluster_01_Bed_04_Ensuite	133	-	-
24_T2_Cluster_01_Bed_05	140	-	-
24_T2_Cluster_01_Bed_05_Ensuite	133	-	-
24_T2_Cluster_01_Bed_06	140	-	-
24_T2_Cluster_01_Bed_06_Ensuite	133	-	-
24_T2_Cluster_01_Bed_07	140	-	-
24_T2_Cluster_01_Bed_07_Ensuite	133	-	-
24_T2_Cluster_01_Corridor	138	-	-
24_T2_Cluster_01_Kitchen	115	-	-
24_T2_Cluster_02_Bed_01	140	-	-
24_T2_Cluster_02_Bed_01_Ensuite	133	-	-
24_T2_Cluster_02_Bed_02	140	-	-
24_T2_Cluster_02_Bed_02_Ensuite	133	-	-
24_T2_Cluster_02_Bed_03	140	-	-
24_T2_Cluster_02_Bed_03_Ensuite	133	-	-
24_T2_Cluster_02_Bed_04	140	-	-
24_T2_Cluster_02_Bed_04_Ensuite	133	-	-
24_T2_Cluster_02_Bed_05	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
24_T2_Cluster_02_Bed_05_Ensuite	133	-	-
24_T2_Cluster_02_Bed_06	140	-	-
24_T2_Cluster_02_Bed_06_Ensuite	133	-	-
24_T2_Cluster_02_Bed_07	140	-	-
24_T2_Cluster_02_Bed_07_Ensuite	133	-	-
24_T2_Cluster_02_Corridor	138	-	-
24_T2_Cluster_02_Kitchen	115	-	-
24_T2_Corridor_01	138	-	-
24_T2_Corridor_01	138	-	-
24_T2_Lift_Lobby_01	138	-	-
24_T2_Lift_Lobby_02	138	-	-
24_T2_Stair_01	185	-	-
24_T2_Stair_02	185	-	-
24_T2_Studio_01	140	-	-
24_T2_Studio_01_Ensuite	133	-	-
24_T2_Studio_02	140	-	-
24_T2_Studio_02_Ensuite	133	-	-
24_T2_Studio_03	140	-	-
24_T2_Studio_03_Ensuite	133	-	-
24_T2_Studio_04	140	-	-
24_T2_Studio_04_Ensuite	133	-	-
24_T2_Studio_05	140	-	-
24_T2_Studio_05_Ensuite	133	-	-
24_T2_Studio_06	140	-	-
24_T2_Studio_06_Ensuite	133	-	-
24_T2_Studio_07	140	-	-
24_T2_Studio_07_Ensuite	133	-	-
25_T2_Acc_Studio_01	140	-	-
25_T2_Acc_Studio_01_Ensuite	133	-	-
25_T2_Cluster_01_Bed_01	140	-	-
25_T2_Cluster_01_Bed_01_Ensuite	133	-	-
25_T2_Cluster_01_Bed_02	140	-	-
25_T2_Cluster_01_Bed_02_Ensuite	133	-	-
25_T2_Cluster_01_Bed_03	140	-	-
25_T2_Cluster_01_Bed_03_Ensuite	133	-	-
25_T2_Cluster_01_Bed_04	140	-	-
25_T2_Cluster_01_Bed_04_Ensuite	133	-	-
25_T2_Cluster_01_Bed_05	140	-	-
25_T2_Cluster_01_Bed_05_Ensuite	133	-	-
25_T2_Cluster_01_Bed_06	140	-	-
25_T2_Cluster_01_Bed_06_Ensuite	133	-	-
25_T2_Cluster_01_Bed_07	140	-	-
25_T2_Cluster_01_Bed_07_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
25_T2_Cluster_01_Corridor	138	-	-
25_T2_Cluster_01_Kitchen	115	-	-
25_T2_Cluster_02_Bed_01	140	-	-
25_T2_Cluster_02_Bed_01_Ensuite	133	-	-
25_T2_Cluster_02_Bed_02	140	-	-
25_T2_Cluster_02_Bed_02_Ensuite	133	-	-
25_T2_Cluster_02_Bed_03	140	-	-
25_T2_Cluster_02_Bed_03_Ensuite	133	-	-
25_T2_Cluster_02_Bed_04	140	-	-
25_T2_Cluster_02_Bed_04_Ensuite	133	-	-
25_T2_Cluster_02_Bed_05	140	-	-
25_T2_Cluster_02_Bed_05_Ensuite	133	-	-
25_T2_Cluster_02_Bed_06	140	-	-
25_T2_Cluster_02_Bed_06_Ensuite	133	-	-
25_T2_Cluster_02_Bed_07	140	-	-
25_T2_Cluster_02_Bed_07_Ensuite	133	-	-
25_T2_Cluster_02_Corridor	138	-	-
25_T2_Cluster_02_Kitchen	115	-	-
25_T2_Corridor_01	138	-	-
25_T2_Corridor_01	138	-	-
25_T2_Lift_Lobby_01	138	-	-
25_T2_Lift_Lobby_02	138	-	-
25_T2_Stair_01	185	-	-
25_T2_Stair_02	185	-	-
25_T2_Studio_01	140	-	-
25_T2_Studio_01_Ensuite	133	-	-
25_T2_Studio_02	140	-	-
25_T2_Studio_02_Ensuite	133	-	-
25_T2_Studio_03	140	-	-
25_T2_Studio_03_Ensuite	133	-	-
25_T2_Studio_04	140	-	-
25_T2_Studio_04_Ensuite	133	-	-
25_T2_Studio_05	140	-	-
25_T2_Studio_05_Ensuite	133	-	-
25_T2_Studio_06	140	-	-
25_T2_Studio_06_Ensuite	133	-	-
25_T2_Studio_07	140	-	-
25_T2_Studio_07_Ensuite	133	-	-
26_T2_Acc_Studio_01	140	-	-
26_T2_Acc_Studio_01_Ensuite	133	-	-
26_T2_Cluster_01_Bed_01	140	-	-
26_T2_Cluster_01_Bed_01_Ensuite	133	-	-
26_T2_Cluster_01_Bed_02	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
26_T2_Cluster_01_Bed_02_Ensuite	133	-	-
26_T2_Cluster_01_Bed_03	140	-	-
26_T2_Cluster_01_Bed_03_Ensuite	133	-	-
26_T2_Cluster_01_Bed_04	140	-	-
26_T2_Cluster_01_Bed_04_Ensuite	133	-	-
26_T2_Cluster_01_Bed_05	140	-	-
26_T2_Cluster_01_Bed_05_Ensuite	133	-	-
26_T2_Cluster_01_Bed_06	140	-	-
26_T2_Cluster_01_Bed_06_Ensuite	133	-	-
26_T2_Cluster_01_Bed_07	140	-	-
26_T2_Cluster_01_Bed_07_Ensuite	133	-	-
26_T2_Cluster_01_Corridor	138	-	-
26_T2_Cluster_01_Kitchen	115	-	-
26_T2_Cluster_02_Bed_01	140	-	-
26_T2_Cluster_02_Bed_01_Ensuite	133	-	-
26_T2_Cluster_02_Bed_02	140	-	-
26_T2_Cluster_02_Bed_02_Ensuite	133	-	-
26_T2_Cluster_02_Bed_03	140	-	-
26_T2_Cluster_02_Bed_03_Ensuite	133	-	-
26_T2_Cluster_02_Bed_04	140	-	-
26_T2_Cluster_02_Bed_04_Ensuite	133	-	-
26_T2_Cluster_02_Bed_05	140	-	-
26_T2_Cluster_02_Bed_05_Ensuite	133	-	-
26_T2_Cluster_02_Bed_06	140	-	-
26_T2_Cluster_02_Bed_06_Ensuite	133	-	-
26_T2_Cluster_02_Bed_07	140	-	-
26_T2_Cluster_02_Bed_07_Ensuite	133	-	-
26_T2_Cluster_02_Corridor	138	-	-
26_T2_Cluster_02_Kitchen	115	-	-
26_T2_Corridor_01	138	-	-
26_T2_Corridor_01	138	-	-
26_T2_Lift_Lobby_01	138	-	-
26_T2_Lift_Lobby_02	138	-	-
26_T2_Stair_01	185	-	-
26_T2_Stair_02	185	-	-
26_T2_Studio_01	140	-	-
26_T2_Studio_01_Ensuite	133	-	-
26_T2_Studio_02	140	-	-
26_T2_Studio_02_Ensuite	133	-	-
26_T2_Studio_03	140	-	-
26_T2_Studio_03_Ensuite	133	-	-
26_T2_Studio_04	140	-	-
26_T2_Studio_04_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
26_T2_Studio_05	140	-	-
26_T2_Studio_05_Ensuite	133	-	-
26_T2_Studio_06	140	-	-
26_T2_Studio_06_Ensuite	133	-	-
26_T2_Studio_07	140	-	-
26_T2_Studio_07_Ensuite	133	-	-
27_T2_Acc_Studio_01	140	-	-
27_T2_Acc_Studio_01_Ensuite	133	-	-
27_T2_Cluster_01_Bed_01	140	-	-
27_T2_Cluster_01_Bed_01_Ensuite	133	-	-
27_T2_Cluster_01_Bed_02	140	-	-
27_T2_Cluster_01_Bed_02_Ensuite	133	-	-
27_T2_Cluster_01_Bed_03	140	-	-
27_T2_Cluster_01_Bed_03_Ensuite	133	-	-
27_T2_Cluster_01_Bed_04	140	-	-
27_T2_Cluster_01_Bed_04_Ensuite	133	-	-
27_T2_Cluster_01_Bed_05	140	-	-
27_T2_Cluster_01_Bed_05_Ensuite	133	-	-
27_T2_Cluster_01_Bed_06	140	-	-
27_T2_Cluster_01_Bed_06_Ensuite	133	-	-
27_T2_Cluster_01_Bed_07	140	-	-
27_T2_Cluster_01_Bed_07_Ensuite	133	-	-
27_T2_Cluster_01_Corridor	138	-	-
27_T2_Cluster_01_Kitchen	115	-	-
27_T2_Cluster_02_Bed_01	140	-	-
27_T2_Cluster_02_Bed_01_Ensuite	133	-	-
27_T2_Cluster_02_Bed_02	140	-	-
27_T2_Cluster_02_Bed_02_Ensuite	133	-	-
27_T2_Cluster_02_Bed_03	140	-	-
27_T2_Cluster_02_Bed_03_Ensuite	133	-	-
27_T2_Cluster_02_Bed_04	140	-	-
27_T2_Cluster_02_Bed_04_Ensuite	133	-	-
27_T2_Cluster_02_Bed_05	140	-	-
27_T2_Cluster_02_Bed_05_Ensuite	133	-	-
27_T2_Cluster_02_Bed_06	140	-	-
27_T2_Cluster_02_Bed_06_Ensuite	133	-	-
27_T2_Cluster_02_Bed_07	140	-	-
27_T2_Cluster_02_Bed_07_Ensuite	133	-	-
27_T2_Cluster_02_Corridor	138	-	-
27_T2_Cluster_02_Kitchen	115	-	-
27_T2_Corridor_01	138	-	-
27_T2_Corridor_01	138	-	-
27_T2_Lift_Lobby_01	138	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
27_T2_Lift_Lobby_02	138	-	-
27_T2_Stair_01	185	-	-
27_T2_Stair_02	185	-	-
27_T2_Studio_01	140	-	-
27_T2_Studio_01_Ensuite	133	-	-
27_T2_Studio_02	140	-	-
27_T2_Studio_02_Ensuite	133	-	-
27_T2_Studio_03	140	-	-
27_T2_Studio_03_Ensuite	133	-	-
27_T2_Studio_04	140	-	-
27_T2_Studio_04_Ensuite	133	-	-
27_T2_Studio_05	140	-	-
27_T2_Studio_05_Ensuite	133	-	-
27_T2_Studio_06	140	-	-
27_T2_Studio_06_Ensuite	133	-	-
27_T2_Studio_07	140	-	-
27_T2_Studio_07_Ensuite	133	-	-
28_T2_Acc_Studio_01	140	-	-
28_T2_Acc_Studio_01_Ensuite	133	-	-
28_T2_Cluster_01_Bed_01	140	-	-
28_T2_Cluster_01_Bed_01_Ensuite	133	-	-
28_T2_Cluster_01_Bed_02	140	-	-
28_T2_Cluster_01_Bed_02_Ensuite	133	-	-
28_T2_Cluster_01_Bed_03	140	-	-
28_T2_Cluster_01_Bed_03_Ensuite	133	-	-
28_T2_Cluster_01_Bed_04	140	-	-
28_T2_Cluster_01_Bed_04_Ensuite	133	-	-
28_T2_Cluster_01_Bed_05	140	-	-
28_T2_Cluster_01_Bed_05_Ensuite	133	-	-
28_T2_Cluster_01_Bed_06	140	-	-
28_T2_Cluster_01_Bed_06_Ensuite	133	-	-
28_T2_Cluster_01_Bed_07	140	-	-
28_T2_Cluster_01_Bed_07_Ensuite	133	-	-
28_T2_Cluster_01_Corridor	138	-	-
28_T2_Cluster_01_Kitchen	115	-	-
28_T2_Cluster_02_Bed_01	140	-	-
28_T2_Cluster_02_Bed_01_Ensuite	133	-	-
28_T2_Cluster_02_Bed_02	140	-	-
28_T2_Cluster_02_Bed_02_Ensuite	133	-	-
28_T2_Cluster_02_Bed_03	140	-	-
28_T2_Cluster_02_Bed_03_Ensuite	133	-	-
28_T2_Cluster_02_Bed_04	140	-	-
28_T2_Cluster_02_Bed_04_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
28_T2_Cluster_02_Bed_05	140	-	-
28_T2_Cluster_02_Bed_05_Ensuite	133	-	-
28_T2_Cluster_02_Bed_06	140	-	-
28_T2_Cluster_02_Bed_06_Ensuite	133	-	-
28_T2_Cluster_02_Bed_07	140	-	-
28_T2_Cluster_02_Bed_07_Ensuite	133	-	-
28_T2_Cluster_02_Corridor	138	-	-
28_T2_Cluster_02_Kitchen	115	-	-
28_T2_Corridor_01	138	-	-
28_T2_Corridor_01	138	-	-
28_T2_Lift_Lobby_01	138	-	-
28_T2_Lift_Lobby_02	138	-	-
28_T2_Stair_01	185	-	-
28_T2_Stair_02	185	-	-
28_T2_Studio_01	140	-	-
28_T2_Studio_01_Ensuite	133	-	-
28_T2_Studio_02	140	-	-
28_T2_Studio_02_Ensuite	133	-	-
28_T2_Studio_03	140	-	-
28_T2_Studio_03_Ensuite	133	-	-
28_T2_Studio_04	140	-	-
28_T2_Studio_04_Ensuite	133	-	-
28_T2_Studio_05	140	-	-
28_T2_Studio_05_Ensuite	133	-	-
28_T2_Studio_06	140	-	-
28_T2_Studio_06_Ensuite	133	-	-
28_T2_Studio_07	140	-	-
28_T2_Studio_07_Ensuite	133	-	-
29_T2_Acc_Studio_01	140	-	-
29_T2_Acc_Studio_01_Ensuite	133	-	-
29_T2_Cluster_01_Bed_01	140	-	-
29_T2_Cluster_01_Bed_01_Ensuite	133	-	-
29_T2_Cluster_01_Bed_02	140	-	-
29_T2_Cluster_01_Bed_02_Ensuite	133	-	-
29_T2_Cluster_01_Bed_03	140	-	-
29_T2_Cluster_01_Bed_03_Ensuite	133	-	-
29_T2_Cluster_01_Bed_04	140	-	-
29_T2_Cluster_01_Bed_04_Ensuite	133	-	-
29_T2_Cluster_01_Bed_05	140	-	-
29_T2_Cluster_01_Bed_05_Ensuite	133	-	-
29_T2_Cluster_01_Bed_06	140	-	-
29_T2_Cluster_01_Bed_06_Ensuite	133	-	-
29_T2_Cluster_01_Bed_07	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
29_T2_Cluster_01_Bed_07_Ensuite	133	-	-
29_T2_Cluster_01_Corridor	138	-	-
29_T2_Cluster_01_Kitchen	115	-	-
29_T2_Cluster_02_Bed_01	140	-	-
29_T2_Cluster_02_Bed_01_Ensuite	133	-	-
29_T2_Cluster_02_Bed_02	140	-	-
29_T2_Cluster_02_Bed_02_Ensuite	133	-	-
29_T2_Cluster_02_Bed_03	140	-	-
29_T2_Cluster_02_Bed_03_Ensuite	133	-	-
29_T2_Cluster_02_Bed_04	140	-	-
29_T2_Cluster_02_Bed_04_Ensuite	133	-	-
29_T2_Cluster_02_Bed_05	140	-	-
29_T2_Cluster_02_Bed_05_Ensuite	133	-	-
29_T2_Cluster_02_Bed_06	140	-	-
29_T2_Cluster_02_Bed_06_Ensuite	133	-	-
29_T2_Cluster_02_Bed_07	140	-	-
29_T2_Cluster_02_Bed_07_Ensuite	133	-	-
29_T2_Cluster_02_Corridor	138	-	-
29_T2_Cluster_02_Kitchen	115	-	-
29_T2_Corridor_01	138	-	-
29_T2_Corridor_01	138	-	-
29_T2_Lift_Lobby_01	138	-	-
29_T2_Lift_Lobby_02	138	-	-
29_T2_Stair_01	185	-	-
29_T2_Stair_02	185	-	-
29_T2_Studio_01	140	-	-
29_T2_Studio_01_Ensuite	133	-	-
29_T2_Studio_02	140	-	-
29_T2_Studio_02_Ensuite	133	-	-
29_T2_Studio_03	140	-	-
29_T2_Studio_03_Ensuite	133	-	-
29_T2_Studio_04	140	-	-
29_T2_Studio_04_Ensuite	133	-	-
29_T2_Studio_05	140	-	-
29_T2_Studio_05_Ensuite	133	-	-
29_T2_Studio_06	140	-	-
29_T2_Studio_06_Ensuite	133	-	-
29_T2_Studio_07	140	-	-
29_T2_Studio_07_Ensuite	133	-	-
30_T2_Acc_Studio_01	140	-	-
30_T2_Acc_Studio_01_Ensuite	133	-	-
30_T2_Cluster_01_Bed_01	140	-	-
30_T2_Cluster_01_Bed_01_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
30_T2_Cluster_01_Bed_02	140	-	-
30_T2_Cluster_01_Bed_02_Ensuite	133	-	-
30_T2_Cluster_01_Bed_03	140	-	-
30_T2_Cluster_01_Bed_03_Ensuite	133	-	-
30_T2_Cluster_01_Bed_04	140	-	-
30_T2_Cluster_01_Bed_04_Ensuite	133	-	-
30_T2_Cluster_01_Bed_05	140	-	-
30_T2_Cluster_01_Bed_05_Ensuite	133	-	-
30_T2_Cluster_01_Bed_06	140	-	-
30_T2_Cluster_01_Bed_06_Ensuite	133	-	-
30_T2_Cluster_01_Bed_07	140	-	-
30_T2_Cluster_01_Bed_07_Ensuite	133	-	-
30_T2_Cluster_01_Corridor	138	-	-
30_T2_Cluster_01_Kitchen	115	-	-
30_T2_Cluster_02_Bed_01	140	-	-
30_T2_Cluster_02_Bed_01_Ensuite	133	-	-
30_T2_Cluster_02_Bed_02	140	-	-
30_T2_Cluster_02_Bed_02_Ensuite	133	-	-
30_T2_Cluster_02_Bed_03	140	-	-
30_T2_Cluster_02_Bed_03_Ensuite	133	-	-
30_T2_Cluster_02_Bed_04	140	-	-
30_T2_Cluster_02_Bed_04_Ensuite	133	-	-
30_T2_Cluster_02_Bed_05	140	-	-
30_T2_Cluster_02_Bed_05_Ensuite	133	-	-
30_T2_Cluster_02_Bed_06	140	-	-
30_T2_Cluster_02_Bed_06_Ensuite	133	-	-
30_T2_Cluster_02_Bed_07	140	-	-
30_T2_Cluster_02_Bed_07_Ensuite	133	-	-
30_T2_Cluster_02_Corridor	138	-	-
30_T2_Cluster_02_Kitchen	115	-	-
30_T2_Corridor_01	138	-	-
30_T2_Corridor_01	138	-	-
30_T2_Lift_Lobby_01	138	-	-
30_T2_Lift_Lobby_02	138	-	-
30_T2_Stair_01	185	-	-
30_T2_Stair_02	185	-	-
30_T2_Studio_01	140	-	-
30_T2_Studio_01_Ensuite	133	-	-
30_T2_Studio_02	140	-	-
30_T2_Studio_02_Ensuite	133	-	-
30_T2_Studio_03	140	-	-
30_T2_Studio_03_Ensuite	133	-	-
30_T2_Studio_04	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
30_T2_Studio_04_Ensuite	133	-	-
30_T2_Studio_05	140	-	-
30_T2_Studio_05_Ensuite	133	-	-
30_T2_Studio_06	140	-	-
30_T2_Studio_06_Ensuite	133	-	-
30_T2_Studio_07	140	-	-
30_T2_Studio_07_Ensuite	133	-	-
31_T2_Acc_Studio_01	140	-	-
31_T2_Acc_Studio_01_Ensuite	133	-	-
31_T2_Cluster_01_Bed_01	140	-	-
31_T2_Cluster_01_Bed_01_Ensuite	133	-	-
31_T2_Cluster_01_Bed_02	140	-	-
31_T2_Cluster_01_Bed_02_Ensuite	133	-	-
31_T2_Cluster_01_Bed_03	140	-	-
31_T2_Cluster_01_Bed_03_Ensuite	133	-	-
31_T2_Cluster_01_Bed_04	140	-	-
31_T2_Cluster_01_Bed_04_Ensuite	133	-	-
31_T2_Cluster_01_Bed_05	140	-	-
31_T2_Cluster_01_Bed_05_Ensuite	133	-	-
31_T2_Cluster_01_Bed_06	140	-	-
31_T2_Cluster_01_Bed_06_Ensuite	133	-	-
31_T2_Cluster_01_Bed_07	140	-	-
31_T2_Cluster_01_Bed_07_Ensuite	133	-	-
31_T2_Cluster_01_Corridor	138	-	-
31_T2_Cluster_01_Kitchen	115	-	-
31_T2_Cluster_02_Bed_01	140	-	-
31_T2_Cluster_02_Bed_01_Ensuite	133	-	-
31_T2_Cluster_02_Bed_02	140	-	-
31_T2_Cluster_02_Bed_02_Ensuite	133	-	-
31_T2_Cluster_02_Bed_03	140	-	-
31_T2_Cluster_02_Bed_03_Ensuite	133	-	-
31_T2_Cluster_02_Bed_04	140	-	-
31_T2_Cluster_02_Bed_04_Ensuite	133	-	-
31_T2_Cluster_02_Bed_05	140	-	-
31_T2_Cluster_02_Bed_05_Ensuite	133	-	-
31_T2_Cluster_02_Bed_06	140	-	-
31_T2_Cluster_02_Bed_06_Ensuite	133	-	-
31_T2_Cluster_02_Bed_07	140	-	-
31_T2_Cluster_02_Bed_07_Ensuite	133	-	-
31_T2_Cluster_02_Corridor	138	-	-
31_T2_Cluster_02_Kitchen	115	-	-
31_T2_Corridor_01	138	-	-
31_T2_Corridor_01	138	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
31_T2_Lift_Lobby_01	138	-	-
31_T2_Lift_Lobby_02	138	-	-
31_T2_Stair_01	185	-	-
31_T2_Stair_02	185	-	-
31_T2_Studio_01	140	-	-
31_T2_Studio_01_Ensuite	133	-	-
31_T2_Studio_02	140	-	-
31_T2_Studio_02_Ensuite	133	-	-
31_T2_Studio_03	140	-	-
31_T2_Studio_03_Ensuite	133	-	-
31_T2_Studio_04	140	-	-
31_T2_Studio_04_Ensuite	133	-	-
31_T2_Studio_05	140	-	-
31_T2_Studio_05_Ensuite	133	-	-
31_T2_Studio_06	140	-	-
31_T2_Studio_06_Ensuite	133	-	-
31_T2_Studio_07	140	-	-
31_T2_Studio_07_Ensuite	133	-	-
32_T2_Acc_Studio_01	140	-	-
32_T2_Acc_Studio_01_Ensuite	133	-	-
32_T2_Cluster_01_Bed_01	140	-	-
32_T2_Cluster_01_Bed_01_Ensuite	133	-	-
32_T2_Cluster_01_Bed_02	140	-	-
32_T2_Cluster_01_Bed_02_Ensuite	133	-	-
32_T2_Cluster_01_Bed_03	140	-	-
32_T2_Cluster_01_Bed_03_Ensuite	133	-	-
32_T2_Cluster_01_Bed_04	140	-	-
32_T2_Cluster_01_Bed_04_Ensuite	133	-	-
32_T2_Cluster_01_Bed_05	140	-	-
32_T2_Cluster_01_Bed_05_Ensuite	133	-	-
32_T2_Cluster_01_Bed_06	140	-	-
32_T2_Cluster_01_Bed_06_Ensuite	133	-	-
32_T2_Cluster_01_Bed_07	140	-	-
32_T2_Cluster_01_Bed_07_Ensuite	133	-	-
32_T2_Cluster_01_Corridor	138	-	-
32_T2_Cluster_01_Kitchen	115	-	-
32_T2_Cluster_02_Bed_01	140	-	-
32_T2_Cluster_02_Bed_01_Ensuite	133	-	-
32_T2_Cluster_02_Bed_02	140	-	-
32_T2_Cluster_02_Bed_02_Ensuite	133	-	-
32_T2_Cluster_02_Bed_03	140	-	-
32_T2_Cluster_02_Bed_03_Ensuite	133	-	-
32_T2_Cluster_02_Bed_04	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
32_T2_Cluster_02_Bed_04_Ensuite	133	-	-
32_T2_Cluster_02_Bed_05	140	-	-
32_T2_Cluster_02_Bed_05_Ensuite	133	-	-
32_T2_Cluster_02_Bed_06	140	-	-
32_T2_Cluster_02_Bed_06_Ensuite	133	-	-
32_T2_Cluster_02_Bed_07	140	-	-
32_T2_Cluster_02_Bed_07_Ensuite	133	-	-
32_T2_Cluster_02_Corridor	138	-	-
32_T2_Cluster_02_Kitchen	115	-	-
32_T2_Corridor_01	138	-	-
32_T2_Corridor_01	138	-	-
32_T2_Lift_Lobby_01	138	-	-
32_T2_Lift_Lobby_02	138	-	-
32_T2_Stair_01	185	-	-
32_T2_Stair_02	185	-	-
32_T2_Studio_01	140	-	-
32_T2_Studio_01_Ensuite	133	-	-
32_T2_Studio_02	140	-	-
32_T2_Studio_02_Ensuite	133	-	-
32_T2_Studio_03	140	-	-
32_T2_Studio_03_Ensuite	133	-	-
32_T2_Studio_04	140	-	-
32_T2_Studio_04_Ensuite	133	-	-
32_T2_Studio_05	140	-	-
32_T2_Studio_05_Ensuite	133	-	-
32_T2_Studio_06	140	-	-
32_T2_Studio_06_Ensuite	133	-	-
32_T2_Studio_07	140	-	-
32_T2_Studio_07_Ensuite	133	-	-
33_T2_Acc_Studio_01	140	-	-
33_T2_Acc_Studio_01_Ensuite	133	-	-
33_T2_Cluster_01_Bed_01	140	-	-
33_T2_Cluster_01_Bed_01_Ensuite	133	-	-
33_T2_Cluster_01_Bed_02	140	-	-
33_T2_Cluster_01_Bed_02_Ensuite	133	-	-
33_T2_Cluster_01_Bed_03	140	-	-
33_T2_Cluster_01_Bed_03_Ensuite	133	-	-
33_T2_Cluster_01_Bed_04	140	-	-
33_T2_Cluster_01_Bed_04_Ensuite	133	-	-
33_T2_Cluster_01_Bed_05	140	-	-
33_T2_Cluster_01_Bed_05_Ensuite	133	-	-
33_T2_Cluster_01_Bed_06	140	-	-
33_T2_Cluster_01_Bed_06_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
33_T2_Cluster_01_Bed_07	140	-	-
33_T2_Cluster_01_Bed_07_Ensuite	133	-	-
33_T2_Cluster_01_Corridor	138	-	-
33_T2_Cluster_01_Kitchen	115	-	-
33_T2_Cluster_02_Bed_01	140	-	-
33_T2_Cluster_02_Bed_01_Ensuite	133	-	-
33_T2_Cluster_02_Bed_02	140	-	-
33_T2_Cluster_02_Bed_02_Ensuite	133	-	-
33_T2_Cluster_02_Bed_03	140	-	-
33_T2_Cluster_02_Bed_03_Ensuite	133	-	-
33_T2_Cluster_02_Bed_04	140	-	-
33_T2_Cluster_02_Bed_04_Ensuite	133	-	-
33_T2_Cluster_02_Bed_05	140	-	-
33_T2_Cluster_02_Bed_05_Ensuite	133	-	-
33_T2_Cluster_02_Bed_06	140	-	-
33_T2_Cluster_02_Bed_06_Ensuite	133	-	-
33_T2_Cluster_02_Bed_07	140	-	-
33_T2_Cluster_02_Bed_07_Ensuite	133	-	-
33_T2_Cluster_02_Corridor	138	-	-
33_T2_Cluster_02_Kitchen	115	-	-
33_T2_Corridor_01	138	-	-
33_T2_Corridor_01	138	-	-
33_T2_Lift_Lobby_01	138	-	-
33_T2_Lift_Lobby_02	138	-	-
33_T2_Stair_01	185	-	-
33_T2_Stair_02	185	-	-
33_T2_Studio_01	140	-	-
33_T2_Studio_01_Ensuite	133	-	-
33_T2_Studio_02	140	-	-
33_T2_Studio_02_Ensuite	133	-	-
33_T2_Studio_03	140	-	-
33_T2_Studio_03_Ensuite	133	-	-
33_T2_Studio_04	140	-	-
33_T2_Studio_04_Ensuite	133	-	-
33_T2_Studio_05	140	-	-
33_T2_Studio_05_Ensuite	133	-	-
33_T2_Studio_06	140	-	-
33_T2_Studio_06_Ensuite	133	-	-
33_T2_Studio_07	140	-	-
33_T2_Studio_07_Ensuite	133	-	-
34_T2_Acc_Studio_01	140	-	-
34_T2_Acc_Studio_01_Ensuite	133	-	-
34_T2_Cluster_01_Bed_01	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
34_T2_Cluster_01_Bed_01_Ensuite	133	-	-
34_T2_Cluster_01_Bed_02	140	-	-
34_T2_Cluster_01_Bed_02_Ensuite	133	-	-
34_T2_Cluster_01_Bed_03	140	-	-
34_T2_Cluster_01_Bed_03_Ensuite	133	-	-
34_T2_Cluster_01_Bed_04	140	-	-
34_T2_Cluster_01_Bed_04_Ensuite	133	-	-
34_T2_Cluster_01_Bed_05	140	-	-
34_T2_Cluster_01_Bed_05_Ensuite	133	-	-
34_T2_Cluster_01_Bed_06	140	-	-
34_T2_Cluster_01_Bed_06_Ensuite	133	-	-
34_T2_Cluster_01_Bed_07	140	-	-
34_T2_Cluster_01_Bed_07_Ensuite	133	-	-
34_T2_Cluster_01_Corridor	138	-	-
34_T2_Cluster_01_Kitchen	115	-	-
34_T2_Cluster_02_Bed_01	140	-	-
34_T2_Cluster_02_Bed_01_Ensuite	133	-	-
34_T2_Cluster_02_Bed_02	140	-	-
34_T2_Cluster_02_Bed_02_Ensuite	133	-	-
34_T2_Cluster_02_Bed_03	140	-	-
34_T2_Cluster_02_Bed_03_Ensuite	133	-	-
34_T2_Cluster_02_Bed_04	140	-	-
34_T2_Cluster_02_Bed_04_Ensuite	133	-	-
34_T2_Cluster_02_Bed_05	140	-	-
34_T2_Cluster_02_Bed_05_Ensuite	133	-	-
34_T2_Cluster_02_Bed_06	140	-	-
34_T2_Cluster_02_Bed_06_Ensuite	133	-	-
34_T2_Cluster_02_Bed_07	140	-	-
34_T2_Cluster_02_Bed_07_Ensuite	133	-	-
34_T2_Cluster_02_Corridor	138	-	-
34_T2_Cluster_02_Kitchen	115	-	-
34_T2_Corridor_01	138	-	-
34_T2_Corridor_01	138	-	-
34_T2_Lift_Lobby_01	138	-	-
34_T2_Lift_Lobby_02	138	-	-
34_T2_Stair_01	185	-	-
34_T2_Stair_02	185	-	-
34_T2_Studio_01	140	-	-
34_T2_Studio_01_Ensuite	133	-	-
34_T2_Studio_02	140	-	-
34_T2_Studio_02_Ensuite	133	-	-
34_T2_Studio_03	140	-	-
34_T2_Studio_03_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
34_T2_Studio_04	140	-	-
34_T2_Studio_04_Ensuite	133	-	-
34_T2_Studio_05	140	-	-
34_T2_Studio_05_Ensuite	133	-	-
34_T2_Studio_06	140	-	-
34_T2_Studio_06_Ensuite	133	-	-
34_T2_Studio_07	140	-	-
34_T2_Studio_07_Ensuite	133	-	-
35_T2_Acc_Studio_01	140	-	-
35_T2_Acc_Studio_01_Ensuite	133	-	-
35_T2_Cluster_01_Bed_01	140	-	-
35_T2_Cluster_01_Bed_01_Ensuite	133	-	-
35_T2_Cluster_01_Bed_02	140	-	-
35_T2_Cluster_01_Bed_02_Ensuite	133	-	-
35_T2_Cluster_01_Bed_03	140	-	-
35_T2_Cluster_01_Bed_03_Ensuite	133	-	-
35_T2_Cluster_01_Bed_04	140	-	-
35_T2_Cluster_01_Bed_04_Ensuite	133	-	-
35_T2_Cluster_01_Bed_05	140	-	-
35_T2_Cluster_01_Bed_05_Ensuite	133	-	-
35_T2_Cluster_01_Bed_06	140	-	-
35_T2_Cluster_01_Bed_06_Ensuite	133	-	-
35_T2_Cluster_01_Bed_07	140	-	-
35_T2_Cluster_01_Bed_07_Ensuite	133	-	-
35_T2_Cluster_01_Corridor	138	-	-
35_T2_Cluster_01_Kitchen	115	-	-
35_T2_Cluster_02_Bed_01	140	-	-
35_T2_Cluster_02_Bed_01_Ensuite	133	-	-
35_T2_Cluster_02_Bed_02	140	-	-
35_T2_Cluster_02_Bed_02_Ensuite	133	-	-
35_T2_Cluster_02_Bed_03	140	-	-
35_T2_Cluster_02_Bed_03_Ensuite	133	-	-
35_T2_Cluster_02_Bed_04	140	-	-
35_T2_Cluster_02_Bed_04_Ensuite	133	-	-
35_T2_Cluster_02_Bed_05	140	-	-
35_T2_Cluster_02_Bed_05_Ensuite	133	-	-
35_T2_Cluster_02_Bed_06	140	-	-
35_T2_Cluster_02_Bed_06_Ensuite	133	-	-
35_T2_Cluster_02_Bed_07	140	-	-
35_T2_Cluster_02_Bed_07_Ensuite	133	-	-
35_T2_Cluster_02_Corridor	138	-	-
35_T2_Cluster_02_Kitchen	115	-	-
35_T2_Corridor_01	138	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
35_T2_Corridor_01	138	-	-
35_T2_Lift_Lobby_01	138	-	-
35_T2_Lift_Lobby_02	138	-	-
35_T2_Stair_01	185	-	-
35_T2_Stair_02	185	-	-
35_T2_Studio_01	140	-	-
35_T2_Studio_01_Ensuite	133	-	-
35_T2_Studio_02	140	-	-
35_T2_Studio_02_Ensuite	133	-	-
35_T2_Studio_03	140	-	-
35_T2_Studio_03_Ensuite	133	-	-
35_T2_Studio_04	140	-	-
35_T2_Studio_04_Ensuite	133	-	-
35_T2_Studio_05	140	-	-
35_T2_Studio_05_Ensuite	133	-	-
35_T2_Studio_06	140	-	-
35_T2_Studio_06_Ensuite	133	-	-
35_T2_Studio_07	140	-	-
35_T2_Studio_07_Ensuite	133	-	-
36_T2_Acc_Studio_01	140	-	-
36_T2_Acc_Studio_01_Ensuite	133	-	-
36_T2_Cluster_01_Bed_01	140	-	-
36_T2_Cluster_01_Bed_01_Ensuite	133	-	-
36_T2_Cluster_01_Bed_02	140	-	-
36_T2_Cluster_01_Bed_02_Ensuite	133	-	-
36_T2_Cluster_01_Bed_03	140	-	-
36_T2_Cluster_01_Bed_03_Ensuite	133	-	-
36_T2_Cluster_01_Bed_04	140	-	-
36_T2_Cluster_01_Bed_04_Ensuite	133	-	-
36_T2_Cluster_01_Bed_05	140	-	-
36_T2_Cluster_01_Bed_05_Ensuite	133	-	-
36_T2_Cluster_01_Bed_06	140	-	-
36_T2_Cluster_01_Bed_06_Ensuite	133	-	-
36_T2_Cluster_01_Bed_07	140	-	-
36_T2_Cluster_01_Bed_07_Ensuite	133	-	-
36_T2_Cluster_01_Corridor	138	-	-
36_T2_Cluster_01_Kitchen	115	-	-
36_T2_Cluster_02_Bed_01	140	-	-
36_T2_Cluster_02_Bed_01_Ensuite	133	-	-
36_T2_Cluster_02_Bed_02	140	-	-
36_T2_Cluster_02_Bed_02_Ensuite	133	-	-
36_T2_Cluster_02_Bed_03	140	-	-
36_T2_Cluster_02_Bed_03_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
36_T2_Cluster_02_Bed_04	140	-	-
36_T2_Cluster_02_Bed_04_Ensuite	133	-	-
36_T2_Cluster_02_Bed_05	140	-	-
36_T2_Cluster_02_Bed_05_Ensuite	133	-	-
36_T2_Cluster_02_Bed_06	140	-	-
36_T2_Cluster_02_Bed_06_Ensuite	133	-	-
36_T2_Cluster_02_Bed_07	140	-	-
36_T2_Cluster_02_Bed_07_Ensuite	133	-	-
36_T2_Cluster_02_Corridor	138	-	-
36_T2_Cluster_02_Kitchen	115	-	-
36_T2_Corridor_01	138	-	-
36_T2_Corridor_01	138	-	-
36_T2_Lift_Lobby_01	138	-	-
36_T2_Lift_Lobby_02	138	-	-
36_T2_Stair_01	185	-	-
36_T2_Stair_02	185	-	-
36_T2_Studio_01	140	-	-
36_T2_Studio_01_Ensuite	133	-	-
36_T2_Studio_02	140	-	-
36_T2_Studio_02_Ensuite	133	-	-
36_T2_Studio_03	140	-	-
36_T2_Studio_03_Ensuite	133	-	-
36_T2_Studio_04	140	-	-
36_T2_Studio_04_Ensuite	133	-	-
36_T2_Studio_05	140	-	-
36_T2_Studio_05_Ensuite	133	-	-
36_T2_Studio_06	140	-	-
36_T2_Studio_06_Ensuite	133	-	-
36_T2_Studio_07	140	-	-
36_T2_Studio_07_Ensuite	133	-	-
37_T2_Acc_Studio_01	140	-	-
37_T2_Acc_Studio_01_Ensuite	133	-	-
37_T2_Cluster_01_Bed_01	140	-	-
37_T2_Cluster_01_Bed_01_Ensuite	133	-	-
37_T2_Cluster_01_Bed_02	140	-	-
37_T2_Cluster_01_Bed_02_Ensuite	133	-	-
37_T2_Cluster_01_Bed_03	140	-	-
37_T2_Cluster_01_Bed_03_Ensuite	133	-	-
37_T2_Cluster_01_Bed_04	140	-	-
37_T2_Cluster_01_Bed_04_Ensuite	133	-	-
37_T2_Cluster_01_Bed_05	140	-	-
37_T2_Cluster_01_Bed_05_Ensuite	133	-	-
37_T2_Cluster_01_Bed_06	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
37_T2_Cluster_01_Bed_06_Ensuite	133	-	-
37_T2_Cluster_01_Bed_07	140	-	-
37_T2_Cluster_01_Bed_07_Ensuite	133	-	-
37_T2_Cluster_01_Corridor	138	-	-
37_T2_Cluster_01_Kitchen	115	-	-
37_T2_Cluster_02_Bed_01	140	-	-
37_T2_Cluster_02_Bed_01_Ensuite	133	-	-
37_T2_Cluster_02_Bed_02	140	-	-
37_T2_Cluster_02_Bed_02_Ensuite	133	-	-
37_T2_Cluster_02_Bed_03	140	-	-
37_T2_Cluster_02_Bed_03_Ensuite	133	-	-
37_T2_Cluster_02_Bed_04	140	-	-
37_T2_Cluster_02_Bed_04_Ensuite	133	-	-
37_T2_Cluster_02_Bed_05	140	-	-
37_T2_Cluster_02_Bed_05_Ensuite	133	-	-
37_T2_Cluster_02_Bed_06	140	-	-
37_T2_Cluster_02_Bed_06_Ensuite	133	-	-
37_T2_Cluster_02_Bed_07	140	-	-
37_T2_Cluster_02_Bed_07_Ensuite	133	-	-
37_T2_Cluster_02_Corridor	138	-	-
37_T2_Cluster_02_Kitchen	115	-	-
37_T2_Corridor_01	138	-	-
37_T2_Corridor_01	138	-	-
37_T2_Lift_Lobby_01	138	-	-
37_T2_Lift_Lobby_02	138	-	-
37_T2_Stair_01	185	-	-
37_T2_Stair_02	185	-	-
37_T2_Studio_01	140	-	-
37_T2_Studio_01_Ensuite	133	-	-
37_T2_Studio_02	140	-	-
37_T2_Studio_02_Ensuite	133	-	-
37_T2_Studio_03	140	-	-
37_T2_Studio_03_Ensuite	133	-	-
37_T2_Studio_04	140	-	-
37_T2_Studio_04_Ensuite	133	-	-
37_T2_Studio_05	140	-	-
37_T2_Studio_05_Ensuite	133	-	-
37_T2_Studio_06	140	-	-
37_T2_Studio_06_Ensuite	133	-	-
37_T2_Studio_07	140	-	-
37_T2_Studio_07_Ensuite	133	-	-
38_T2_Acc_Studio_01	140	-	-
38_T2_Acc_Studio_01_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
38_T2_Cluster_01_Bed_01	140	-	-
38_T2_Cluster_01_Bed_01_Ensuite	133	-	-
38_T2_Cluster_01_Bed_02	140	-	-
38_T2_Cluster_01_Bed_02_Ensuite	133	-	-
38_T2_Cluster_01_Bed_03	140	-	-
38_T2_Cluster_01_Bed_03_Ensuite	133	-	-
38_T2_Cluster_01_Bed_04	140	-	-
38_T2_Cluster_01_Bed_04_Ensuite	133	-	-
38_T2_Cluster_01_Bed_05	140	-	-
38_T2_Cluster_01_Bed_05_Ensuite	133	-	-
38_T2_Cluster_01_Bed_06	140	-	-
38_T2_Cluster_01_Bed_06_Ensuite	133	-	-
38_T2_Cluster_01_Bed_07	140	-	-
38_T2_Cluster_01_Bed_07_Ensuite	133	-	-
38_T2_Cluster_01_Corridor	138	-	-
38_T2_Cluster_01_Kitchen	115	-	-
38_T2_Cluster_02_Bed_01	140	-	-
38_T2_Cluster_02_Bed_01_Ensuite	133	-	-
38_T2_Cluster_02_Bed_02	140	-	-
38_T2_Cluster_02_Bed_02_Ensuite	133	-	-
38_T2_Cluster_02_Bed_03	140	-	-
38_T2_Cluster_02_Bed_03_Ensuite	133	-	-
38_T2_Cluster_02_Bed_04	140	-	-
38_T2_Cluster_02_Bed_04_Ensuite	133	-	-
38_T2_Cluster_02_Bed_05	140	-	-
38_T2_Cluster_02_Bed_05_Ensuite	133	-	-
38_T2_Cluster_02_Bed_06	140	-	-
38_T2_Cluster_02_Bed_06_Ensuite	133	-	-
38_T2_Cluster_02_Bed_07	140	-	-
38_T2_Cluster_02_Bed_07_Ensuite	133	-	-
38_T2_Cluster_02_Corridor	138	-	-
38_T2_Cluster_02_Kitchen	115	-	-
38_T2_Corridor_01	138	-	-
38_T2_Corridor_01	138	-	-
38_T2_Lift_Lobby_01	138	-	-
38_T2_Lift_Lobby_02	138	-	-
38_T2_Stair_01	185	-	-
38_T2_Stair_02	185	-	-
38_T2_Studio_01	140	-	-
38_T2_Studio_01_Ensuite	133	-	-
38_T2_Studio_02	140	-	-
38_T2_Studio_02_Ensuite	133	-	-
38_T2_Studio_03	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
38_T2_Studio_03_Ensuite	133	-	-
38_T2_Studio_04	140	-	-
38_T2_Studio_04_Ensuite	133	-	-
38_T2_Studio_05	140	-	-
38_T2_Studio_05_Ensuite	133	-	-
38_T2_Studio_06	140	-	-
38_T2_Studio_06_Ensuite	133	-	-
38_T2_Studio_07	140	-	-
38_T2_Studio_07_Ensuite	133	-	-
39_T2_Acc_Studio_01	140	-	-
39_T2_Acc_Studio_01_Ensuite	133	-	-
39_T2_Cluster_01_Bed_01	140	-	-
39_T2_Cluster_01_Bed_01_Ensuite	133	-	-
39_T2_Cluster_01_Bed_02	140	-	-
39_T2_Cluster_01_Bed_02_Ensuite	133	-	-
39_T2_Cluster_01_Bed_03	140	-	-
39_T2_Cluster_01_Bed_03_Ensuite	133	-	-
39_T2_Cluster_01_Bed_04	140	-	-
39_T2_Cluster_01_Bed_04_Ensuite	133	-	-
39_T2_Cluster_01_Bed_05	140	-	-
39_T2_Cluster_01_Bed_05_Ensuite	133	-	-
39_T2_Cluster_01_Bed_06	140	-	-
39_T2_Cluster_01_Bed_06_Ensuite	133	-	-
39_T2_Cluster_01_Bed_07	140	-	-
39_T2_Cluster_01_Bed_07_Ensuite	133	-	-
39_T2_Cluster_01_Corridor	138	-	-
39_T2_Cluster_01_Kitchen	115	-	-
39_T2_Cluster_02_Bed_01	140	-	-
39_T2_Cluster_02_Bed_01_Ensuite	133	-	-
39_T2_Cluster_02_Bed_02	140	-	-
39_T2_Cluster_02_Bed_02_Ensuite	133	-	-
39_T2_Cluster_02_Bed_03	140	-	-
39_T2_Cluster_02_Bed_03_Ensuite	133	-	-
39_T2_Cluster_02_Bed_04	140	-	-
39_T2_Cluster_02_Bed_04_Ensuite	133	-	-
39_T2_Cluster_02_Bed_05	140	-	-
39_T2_Cluster_02_Bed_05_Ensuite	133	-	-
39_T2_Cluster_02_Bed_06	140	-	-
39_T2_Cluster_02_Bed_06_Ensuite	133	-	-
39_T2_Cluster_02_Bed_07	140	-	-
39_T2_Cluster_02_Bed_07_Ensuite	133	-	-
39_T2_Cluster_02_Corridor	138	-	-
39_T2_Cluster_02_Kitchen	115	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
39_T2_Corridor_01	138	-	-
39_T2_Corridor_01	138	-	-
39_T2_Lift_Lobby_01	138	-	-
39_T2_Lift_Lobby_02	138	-	-
39_T2_Stair_01	185	-	-
39_T2_Stair_02	185	-	-
39_T2_Studio_01	140	-	-
39_T2_Studio_01_Ensuite	133	-	-
39_T2_Studio_02	140	-	-
39_T2_Studio_02_Ensuite	133	-	-
39_T2_Studio_03	140	-	-
39_T2_Studio_03_Ensuite	133	-	-
39_T2_Studio_04	140	-	-
39_T2_Studio_04_Ensuite	133	-	-
39_T2_Studio_05	140	-	-
39_T2_Studio_05_Ensuite	133	-	-
39_T2_Studio_06	140	-	-
39_T2_Studio_06_Ensuite	133	-	-
39_T2_Studio_07	140	-	-
39_T2_Studio_07_Ensuite	133	-	-
40_T2_Acc_Studio_01	140	-	-
40_T2_Acc_Studio_01_Ensuite	133	-	-
40_T2_Cluster_01_Bed_01	140	-	-
40_T2_Cluster_01_Bed_01_Ensuite	133	-	-
40_T2_Cluster_01_Bed_02	140	-	-
40_T2_Cluster_01_Bed_02_Ensuite	133	-	-
40_T2_Cluster_01_Bed_03	140	-	-
40_T2_Cluster_01_Bed_03_Ensuite	133	-	-
40_T2_Cluster_01_Bed_04	140	-	-
40_T2_Cluster_01_Bed_04_Ensuite	133	-	-
40_T2_Cluster_01_Bed_05	140	-	-
40_T2_Cluster_01_Bed_05_Ensuite	133	-	-
40_T2_Cluster_01_Bed_06	140	-	-
40_T2_Cluster_01_Bed_06_Ensuite	133	-	-
40_T2_Cluster_01_Bed_07	140	-	-
40_T2_Cluster_01_Bed_07_Ensuite	133	-	-
40_T2_Cluster_01_Corridor	138	-	-
40_T2_Cluster_01_Kitchen	115	-	-
40_T2_Cluster_02_Bed_01	140	-	-
40_T2_Cluster_02_Bed_01_Ensuite	133	-	-
40_T2_Cluster_02_Bed_02	140	-	-
40_T2_Cluster_02_Bed_02_Ensuite	133	-	-
40_T2_Cluster_02_Bed_03	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
40_T2_Cluster_02_Bed_03_Ensuite	133	-	-
40_T2_Cluster_02_Bed_04	140	-	-
40_T2_Cluster_02_Bed_04_Ensuite	133	-	-
40_T2_Cluster_02_Bed_05	140	-	-
40_T2_Cluster_02_Bed_05_Ensuite	133	-	-
40_T2_Cluster_02_Bed_06	140	-	-
40_T2_Cluster_02_Bed_06_Ensuite	133	-	-
40_T2_Cluster_02_Bed_07	140	-	-
40_T2_Cluster_02_Bed_07_Ensuite	133	-	-
40_T2_Cluster_02_Corridor	138	-	-
40_T2_Cluster_02_Kitchen	115	-	-
40_T2_Corridor_01	138	-	-
40_T2_Corridor_01	138	-	-
40_T2_Lift_Lobby_01	138	-	-
40_T2_Lift_Lobby_02	138	-	-
40_T2_Stair_01	185	-	-
40_T2_Stair_02	185	-	-
40_T2_Studio_01	140	-	-
40_T2_Studio_01_Ensuite	133	-	-
40_T2_Studio_02	140	-	-
40_T2_Studio_02_Ensuite	133	-	-
40_T2_Studio_03	140	-	-
40_T2_Studio_03_Ensuite	133	-	-
40_T2_Studio_04	140	-	-
40_T2_Studio_04_Ensuite	133	-	-
40_T2_Studio_05	140	-	-
40_T2_Studio_05_Ensuite	133	-	-
40_T2_Studio_06	140	-	-
40_T2_Studio_06_Ensuite	133	-	-
40_T2_Studio_07	140	-	-
40_T2_Studio_07_Ensuite	133	-	-
41_T2_Acc_Studio_01	140	-	-
41_T2_Acc_Studio_01_Ensuite	133	-	-
41_T2_Cluster_01_Bed_01	140	-	-
41_T2_Cluster_01_Bed_01_Ensuite	133	-	-
41_T2_Cluster_01_Bed_02	140	-	-
41_T2_Cluster_01_Bed_02_Ensuite	133	-	-
41_T2_Cluster_01_Bed_03	140	-	-
41_T2_Cluster_01_Bed_03_Ensuite	133	-	-
41_T2_Cluster_01_Bed_04	140	-	-
41_T2_Cluster_01_Bed_04_Ensuite	133	-	-
41_T2_Cluster_01_Bed_05	140	-	-
41_T2_Cluster_01_Bed_05_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
41_T2_Cluster_01_Bed_06	140	-	-
41_T2_Cluster_01_Bed_06_Ensuite	133	-	-
41_T2_Cluster_01_Bed_07	140	-	-
41_T2_Cluster_01_Bed_07_Ensuite	133	-	-
41_T2_Cluster_01_Corridor	138	-	-
41_T2_Cluster_01_Kitchen	115	-	-
41_T2_Cluster_02_Bed_01	140	-	-
41_T2_Cluster_02_Bed_01_Ensuite	133	-	-
41_T2_Cluster_02_Bed_02	140	-	-
41_T2_Cluster_02_Bed_02_Ensuite	133	-	-
41_T2_Cluster_02_Bed_03	140	-	-
41_T2_Cluster_02_Bed_03_Ensuite	133	-	-
41_T2_Cluster_02_Bed_04	140	-	-
41_T2_Cluster_02_Bed_04_Ensuite	133	-	-
41_T2_Cluster_02_Bed_05	140	-	-
41_T2_Cluster_02_Bed_05_Ensuite	133	-	-
41_T2_Cluster_02_Bed_06	140	-	-
41_T2_Cluster_02_Bed_06_Ensuite	133	-	-
41_T2_Cluster_02_Bed_07	140	-	-
41_T2_Cluster_02_Bed_07_Ensuite	133	-	-
41_T2_Cluster_02_Corridor	138	-	-
41_T2_Cluster_02_Kitchen	115	-	-
41_T2_Corridor_01	138	-	-
41_T2_Corridor_01	138	-	-
41_T2_Lift_Lobby_01	138	-	-
41_T2_Lift_Lobby_02	138	-	-
41_T2_Stair_01	185	-	-
41_T2_Stair_02	185	-	-
41_T2_Studio_01	140	-	-
41_T2_Studio_01_Ensuite	133	-	-
41_T2_Studio_02	140	-	-
41_T2_Studio_02_Ensuite	133	-	-
41_T2_Studio_03	140	-	-
41_T2_Studio_03_Ensuite	133	-	-
41_T2_Studio_04	140	-	-
41_T2_Studio_04_Ensuite	133	-	-
41_T2_Studio_05	140	-	-
41_T2_Studio_05_Ensuite	133	-	-
41_T2_Studio_06	140	-	-
41_T2_Studio_06_Ensuite	133	-	-
41_T2_Studio_07	140	-	-
41_T2_Studio_07_Ensuite	133	-	-
42_T2_Acc_Studio_01	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
42_T2_Acc_Studio_01_Ensuite	133	-	-
42_T2_Cluster_01_Bed_01	140	-	-
42_T2_Cluster_01_Bed_01_Ensuite	133	-	-
42_T2_Cluster_01_Bed_02	140	-	-
42_T2_Cluster_01_Bed_02_Ensuite	133	-	-
42_T2_Cluster_01_Bed_03	140	-	-
42_T2_Cluster_01_Bed_03_Ensuite	133	-	-
42_T2_Cluster_01_Bed_04	140	-	-
42_T2_Cluster_01_Bed_04_Ensuite	133	-	-
42_T2_Cluster_01_Bed_05	140	-	-
42_T2_Cluster_01_Bed_05_Ensuite	133	-	-
42_T2_Cluster_01_Bed_06	140	-	-
42_T2_Cluster_01_Bed_06_Ensuite	133	-	-
42_T2_Cluster_01_Bed_07	140	-	-
42_T2_Cluster_01_Bed_07_Ensuite	133	-	-
42_T2_Cluster_01_Corridor	138	-	-
42_T2_Cluster_01_Kitchen	115	-	-
42_T2_Cluster_02_Bed_01	140	-	-
42_T2_Cluster_02_Bed_01_Ensuite	133	-	-
42_T2_Cluster_02_Bed_02	140	-	-
42_T2_Cluster_02_Bed_02_Ensuite	133	-	-
42_T2_Cluster_02_Bed_03	140	-	-
42_T2_Cluster_02_Bed_03_Ensuite	133	-	-
42_T2_Cluster_02_Bed_04	140	-	-
42_T2_Cluster_02_Bed_04_Ensuite	133	-	-
42_T2_Cluster_02_Bed_05	140	-	-
42_T2_Cluster_02_Bed_05_Ensuite	133	-	-
42_T2_Cluster_02_Bed_06	140	-	-
42_T2_Cluster_02_Bed_06_Ensuite	133	-	-
42_T2_Cluster_02_Bed_07	140	-	-
42_T2_Cluster_02_Bed_07_Ensuite	133	-	-
42_T2_Cluster_02_Corridor	138	-	-
42_T2_Cluster_02_Kitchen	115	-	-
42_T2_Corridor_01	138	-	-
42_T2_Corridor_01	138	-	-
42_T2_Lift_Lobby_01	138	-	-
42_T2_Lift_Lobby_02	138	-	-
42_T2_Stair_01	185	-	-
42_T2_Stair_02	185	-	-
42_T2_Studio_01	140	-	-
42_T2_Studio_01_Ensuite	133	-	-
42_T2_Studio_02	140	-	-
42_T2_Studio_02_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
42_T2_Studio_03	140	-	-
42_T2_Studio_03_Ensuite	133	-	-
42_T2_Studio_04	140	-	-
42_T2_Studio_04_Ensuite	133	-	-
42_T2_Studio_05	140	-	-
42_T2_Studio_05_Ensuite	133	-	-
42_T2_Studio_06	140	-	-
42_T2_Studio_06_Ensuite	133	-	-
42_T2_Studio_07	140	-	-
42_T2_Studio_07_Ensuite	133	-	-
43_T2_Acc_Studio_01	140	-	-
43_T2_Acc_Studio_01_Ensuite	133	-	-
43_T2_Cluster_01_Bed_01	140	-	-
43_T2_Cluster_01_Bed_01_Ensuite	133	-	-
43_T2_Cluster_01_Bed_02	140	-	-
43_T2_Cluster_01_Bed_02_Ensuite	133	-	-
43_T2_Cluster_01_Bed_03	140	-	-
43_T2_Cluster_01_Bed_03_Ensuite	133	-	-
43_T2_Cluster_01_Bed_04	140	-	-
43_T2_Cluster_01_Bed_04_Ensuite	133	-	-
43_T2_Cluster_01_Bed_05	140	-	-
43_T2_Cluster_01_Bed_05_Ensuite	133	-	-
43_T2_Cluster_01_Bed_06	140	-	-
43_T2_Cluster_01_Bed_06_Ensuite	133	-	-
43_T2_Cluster_01_Bed_07	140	-	-
43_T2_Cluster_01_Bed_07_Ensuite	133	-	-
43_T2_Cluster_01_Corridor	138	-	-
43_T2_Cluster_01_Kitchen	115	-	-
43_T2_Cluster_02_Bed_01	140	-	-
43_T2_Cluster_02_Bed_01_Ensuite	133	-	-
43_T2_Cluster_02_Bed_02	140	-	-
43_T2_Cluster_02_Bed_02_Ensuite	133	-	-
43_T2_Cluster_02_Bed_03	140	-	-
43_T2_Cluster_02_Bed_03_Ensuite	133	-	-
43_T2_Cluster_02_Bed_04	140	-	-
43_T2_Cluster_02_Bed_04_Ensuite	133	-	-
43_T2_Cluster_02_Bed_05	140	-	-
43_T2_Cluster_02_Bed_05_Ensuite	133	-	-
43_T2_Cluster_02_Bed_06	140	-	-
43_T2_Cluster_02_Bed_06_Ensuite	133	-	-
43_T2_Cluster_02_Bed_07	140	-	-
43_T2_Cluster_02_Bed_07_Ensuite	133	-	-
43_T2_Cluster_02_Corridor	138	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
43_T2_Cluster_02_Kitchen	115	-	-
43_T2_Corridor_01	138	-	-
43_T2_Corridor_01	138	-	-
43_T2_Lift_Lobby_01	138	-	-
43_T2_Lift_Lobby_02	138	-	-
43_T2_Stair_01	185	-	-
43_T2_Stair_02	185	-	-
43_T2_Studio_01	140	-	-
43_T2_Studio_01_Ensuite	133	-	-
43_T2_Studio_02	140	-	-
43_T2_Studio_02_Ensuite	133	-	-
43_T2_Studio_03	140	-	-
43_T2_Studio_03_Ensuite	133	-	-
43_T2_Studio_04	140	-	-
43_T2_Studio_04_Ensuite	133	-	-
43_T2_Studio_05	140	-	-
43_T2_Studio_05_Ensuite	133	-	-
43_T2_Studio_06	140	-	-
43_T2_Studio_06_Ensuite	133	-	-
43_T2_Studio_07	140	-	-
43_T2_Studio_07_Ensuite	133	-	-
44_T2_Acc_Studio_01	140	-	-
44_T2_Acc_Studio_01_Ensuite	133	-	-
44_T2_Cluster_01_Bed_01	140	-	-
44_T2_Cluster_01_Bed_01_Ensuite	133	-	-
44_T2_Cluster_01_Bed_02	140	-	-
44_T2_Cluster_01_Bed_02_Ensuite	133	-	-
44_T2_Cluster_01_Bed_03	140	-	-
44_T2_Cluster_01_Bed_03_Ensuite	133	-	-
44_T2_Cluster_01_Bed_04	140	-	-
44_T2_Cluster_01_Bed_04_Ensuite	133	-	-
44_T2_Cluster_01_Bed_05	140	-	-
44_T2_Cluster_01_Bed_05_Ensuite	133	-	-
44_T2_Cluster_01_Bed_06	140	-	-
44_T2_Cluster_01_Bed_06_Ensuite	133	-	-
44_T2_Cluster_01_Bed_07	140	-	-
44_T2_Cluster_01_Bed_07_Ensuite	133	-	-
44_T2_Cluster_01_Corridor	138	-	-
44_T2_Cluster_01_Kitchen	115	-	-
44_T2_Cluster_02_Bed_01	140	-	-
44_T2_Cluster_02_Bed_01_Ensuite	133	-	-
44_T2_Cluster_02_Bed_02	140	-	-
44_T2_Cluster_02_Bed_02_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
44_T2_Cluster_02_Bed_03	140	-	-
44_T2_Cluster_02_Bed_03_Ensuite	133	-	-
44_T2_Cluster_02_Bed_04	140	-	-
44_T2_Cluster_02_Bed_04_Ensuite	133	-	-
44_T2_Cluster_02_Bed_05	140	-	-
44_T2_Cluster_02_Bed_05_Ensuite	133	-	-
44_T2_Cluster_02_Bed_06	140	-	-
44_T2_Cluster_02_Bed_06_Ensuite	133	-	-
44_T2_Cluster_02_Bed_07	140	-	-
44_T2_Cluster_02_Bed_07_Ensuite	133	-	-
44_T2_Cluster_02_Corridor	138	-	-
44_T2_Cluster_02_Kitchen	115	-	-
44_T2_Corridor_01	138	-	-
44_T2_Corridor_01	138	-	-
44_T2_Lift_Lobby_01	138	-	-
44_T2_Lift_Lobby_02	138	-	-
44_T2_Stair_01	185	-	-
44_T2_Stair_02	185	-	-
44_T2_Studio_01	140	-	-
44_T2_Studio_01_Ensuite	133	-	-
44_T2_Studio_02	140	-	-
44_T2_Studio_02_Ensuite	133	-	-
44_T2_Studio_03	140	-	-
44_T2_Studio_03_Ensuite	133	-	-
44_T2_Studio_04	140	-	-
44_T2_Studio_04_Ensuite	133	-	-
44_T2_Studio_05	140	-	-
44_T2_Studio_05_Ensuite	133	-	-
44_T2_Studio_06	140	-	-
44_T2_Studio_06_Ensuite	133	-	-
44_T2_Studio_07	140	-	-
44_T2_Studio_07_Ensuite	133	-	-
45_T2_Acc_Studio_01	140	-	-
45_T2_Acc_Studio_01_Ensuite	133	-	-
45_T2_Cluster_01_Bed_01	140	-	-
45_T2_Cluster_01_Bed_01_Ensuite	133	-	-
45_T2_Cluster_01_Bed_02	140	-	-
45_T2_Cluster_01_Bed_02_Ensuite	133	-	-
45_T2_Cluster_01_Bed_03	140	-	-
45_T2_Cluster_01_Bed_03_Ensuite	133	-	-
45_T2_Cluster_01_Bed_04	140	-	-
45_T2_Cluster_01_Bed_04_Ensuite	133	-	-
45_T2_Cluster_01_Bed_05	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
45_T2_Cluster_01_Bed_05_Ensuite	133	-	-
45_T2_Cluster_01_Bed_06	140	-	-
45_T2_Cluster_01_Bed_06_Ensuite	133	-	-
45_T2_Cluster_01_Bed_07	140	-	-
45_T2_Cluster_01_Bed_07_Ensuite	133	-	-
45_T2_Cluster_01_Corridor	138	-	-
45_T2_Cluster_01_Kitchen	115	-	-
45_T2_Cluster_02_Bed_01	140	-	-
45_T2_Cluster_02_Bed_01_Ensuite	133	-	-
45_T2_Cluster_02_Bed_02	140	-	-
45_T2_Cluster_02_Bed_02_Ensuite	133	-	-
45_T2_Cluster_02_Bed_03	140	-	-
45_T2_Cluster_02_Bed_03_Ensuite	133	-	-
45_T2_Cluster_02_Bed_04	140	-	-
45_T2_Cluster_02_Bed_04_Ensuite	133	-	-
45_T2_Cluster_02_Bed_05	140	-	-
45_T2_Cluster_02_Bed_05_Ensuite	133	-	-
45_T2_Cluster_02_Bed_06	140	-	-
45_T2_Cluster_02_Bed_06_Ensuite	133	-	-
45_T2_Cluster_02_Bed_07	140	-	-
45_T2_Cluster_02_Bed_07_Ensuite	133	-	-
45_T2_Cluster_02_Corridor	138	-	-
45_T2_Cluster_02_Kitchen	115	-	-
45_T2_Corridor_01	138	-	-
45_T2_Corridor_01	138	-	-
45_T2_Lift_Lobby_01	138	-	-
45_T2_Lift_Lobby_02	138	-	-
45_T2_Stair_01	185	-	-
45_T2_Stair_02	185	-	-
45_T2_Studio_01	140	-	-
45_T2_Studio_01_Ensuite	133	-	-
45_T2_Studio_02	140	-	-
45_T2_Studio_02_Ensuite	133	-	-
45_T2_Studio_03	140	-	-
45_T2_Studio_03_Ensuite	133	-	-
45_T2_Studio_04	140	-	-
45_T2_Studio_04_Ensuite	133	-	-
45_T2_Studio_05	140	-	-
45_T2_Studio_05_Ensuite	133	-	-
45_T2_Studio_06	140	-	-
45_T2_Studio_06_Ensuite	133	-	-
45_T2_Studio_07	140	-	-
45_T2_Studio_07_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
46_T2_Acc_Studio_01	140	-	-
46_T2_Acc_Studio_01_Ensuite	133	-	-
46_T2_Cluster_01_Bed_01	140	-	-
46_T2_Cluster_01_Bed_01_Ensuite	133	-	-
46_T2_Cluster_01_Bed_02	140	-	-
46_T2_Cluster_01_Bed_02_Ensuite	133	-	-
46_T2_Cluster_01_Bed_03	140	-	-
46_T2_Cluster_01_Bed_03_Ensuite	133	-	-
46_T2_Cluster_01_Bed_04	140	-	-
46_T2_Cluster_01_Bed_04_Ensuite	133	-	-
46_T2_Cluster_01_Bed_05	140	-	-
46_T2_Cluster_01_Bed_05_Ensuite	133	-	-
46_T2_Cluster_01_Bed_06	140	-	-
46_T2_Cluster_01_Bed_06_Ensuite	133	-	-
46_T2_Cluster_01_Bed_07	140	-	-
46_T2_Cluster_01_Bed_07_Ensuite	133	-	-
46_T2_Cluster_01_Corridor	138	-	-
46_T2_Cluster_01_Kitchen	115	-	-
46_T2_Cluster_02_Bed_01	140	-	-
46_T2_Cluster_02_Bed_01_Ensuite	133	-	-
46_T2_Cluster_02_Bed_02	140	-	-
46_T2_Cluster_02_Bed_02_Ensuite	133	-	-
46_T2_Cluster_02_Bed_03	140	-	-
46_T2_Cluster_02_Bed_03_Ensuite	133	-	-
46_T2_Cluster_02_Bed_04	140	-	-
46_T2_Cluster_02_Bed_04_Ensuite	133	-	-
46_T2_Cluster_02_Bed_05	140	-	-
46_T2_Cluster_02_Bed_05_Ensuite	133	-	-
46_T2_Cluster_02_Bed_06	140	-	-
46_T2_Cluster_02_Bed_06_Ensuite	133	-	-
46_T2_Cluster_02_Bed_07	140	-	-
46_T2_Cluster_02_Bed_07_Ensuite	133	-	-
46_T2_Cluster_02_Corridor	138	-	-
46_T2_Cluster_02_Kitchen	115	-	-
46_T2_Corridor_01	138	-	-
46_T2_Corridor_01	138	-	-
46_T2_Lift_Lobby_01	138	-	-
46_T2_Lift_Lobby_02	138	-	-
46_T2_Stair_01	185	-	-
46_T2_Stair_02	185	-	-
46_T2_Studio_01	140	-	-
46_T2_Studio_01_Ensuite	133	-	-
46_T2_Studio_02	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
46_T2_Studio_02_Ensuite	133	-	-
46_T2_Studio_03	140	-	-
46_T2_Studio_03_Ensuite	133	-	-
46_T2_Studio_04	140	-	-
46_T2_Studio_04_Ensuite	133	-	-
46_T2_Studio_05	140	-	-
46_T2_Studio_05_Ensuite	133	-	-
46_T2_Studio_06	140	-	-
46_T2_Studio_06_Ensuite	133	-	-
46_T2_Studio_07	140	-	-
46_T2_Studio_07_Ensuite	133	-	-
47_T2_Acc_Studio_01	140	-	-
47_T2_Acc_Studio_01_Ensuite	133	-	-
47_T2_Cluster_01_Bed_01	140	-	-
47_T2_Cluster_01_Bed_01_Ensuite	133	-	-
47_T2_Cluster_01_Bed_02	140	-	-
47_T2_Cluster_01_Bed_02_Ensuite	133	-	-
47_T2_Cluster_01_Bed_03	140	-	-
47_T2_Cluster_01_Bed_03_Ensuite	133	-	-
47_T2_Cluster_01_Bed_04	140	-	-
47_T2_Cluster_01_Bed_04_Ensuite	133	-	-
47_T2_Cluster_01_Bed_05	140	-	-
47_T2_Cluster_01_Bed_05_Ensuite	133	-	-
47_T2_Cluster_01_Bed_06	140	-	-
47_T2_Cluster_01_Bed_06_Ensuite	133	-	-
47_T2_Cluster_01_Bed_07	140	-	-
47_T2_Cluster_01_Bed_07_Ensuite	133	-	-
47_T2_Cluster_01_Corridor	138	-	-
47_T2_Cluster_01_Kitchen	115	-	-
47_T2_Cluster_02_Bed_01	140	-	-
47_T2_Cluster_02_Bed_01_Ensuite	133	-	-
47_T2_Cluster_02_Bed_02	140	-	-
47_T2_Cluster_02_Bed_02_Ensuite	133	-	-
47_T2_Cluster_02_Bed_03	140	-	-
47_T2_Cluster_02_Bed_03_Ensuite	133	-	-
47_T2_Cluster_02_Bed_04	140	-	-
47_T2_Cluster_02_Bed_04_Ensuite	133	-	-
47_T2_Cluster_02_Bed_05	140	-	-
47_T2_Cluster_02_Bed_05_Ensuite	133	-	-
47_T2_Cluster_02_Bed_06	140	-	-
47_T2_Cluster_02_Bed_06_Ensuite	133	-	-
47_T2_Cluster_02_Bed_07	140	-	-
47_T2_Cluster_02_Bed_07_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
47_T2_Cluster_02_Corridor	138	-	-
47_T2_Cluster_02_Kitchen	115	-	-
47_T2_Corridor_01	138	-	-
47_T2_Corridor_01	138	-	-
47_T2_Lift_Lobby_01	138	-	-
47_T2_Lift_Lobby_02	138	-	-
47_T2_Stair_01	185	-	-
47_T2_Stair_02	185	-	-
47_T2_Studio_01	140	-	-
47_T2_Studio_01_Ensuite	133	-	-
47_T2_Studio_02	140	-	-
47_T2_Studio_02_Ensuite	133	-	-
47_T2_Studio_03	140	-	-
47_T2_Studio_03_Ensuite	133	-	-
47_T2_Studio_04	140	-	-
47_T2_Studio_04_Ensuite	133	-	-
47_T2_Studio_05	140	-	-
47_T2_Studio_05_Ensuite	133	-	-
47_T2_Studio_06	140	-	-
47_T2_Studio_06_Ensuite	133	-	-
47_T2_Studio_07	140	-	-
47_T2_Studio_07_Ensuite	133	-	-

The spaces in the building should have appropriate passive control measures to limit solar gains in summer

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
00_Amenity	YES (+876.2%)	NO
00_Amenity	YES (+260.2%)	NO
00_Comms	N/A	N/A
00_Office	YES (+117.4%)	NO
00_Reception	YES (+240.5%)	NO
00M_Staff_Wellfare_01	YES (+62.9%)	NO
00M_Staff_Wellfare_02	YES (+97.8%)	NO
01_Amenity_01	NO (-13.6%)	NO
01_Amenity_02	YES (+55.1%)	NO
01_Amenity_03	NO (-5.4%)	NO
01_Ex_Studio_01	NO (-46.7%)	NO
01_Ex_Studio_02	NO (-40.9%)	NO
01_Ex_Studio_03	NO (-41.1%)	NO
01_Ex_Studio_04	NO (-42%)	NO
01_T1_Acc_Studio_01	NO (-39.9%)	NO
01_T1_Studio_01	NO (-22.8%)	NO
01_T1_Studio_02	NO (-1%)	NO
01_T1_Studio_03	YES (+8.2%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
01_T1_Studio_04	YES (+16.3%)	NO
01_T2_Acc_Studio_01	NO (-16.5%)	NO
01_T2_Cluster_01_Bed_01	YES (+29.6%)	NO
01_T2_Cluster_01_Bed_02	YES (+29.8%)	NO
01_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
01_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
01_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
01_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
01_T2_Cluster_01_Bed_07	YES (+30%)	NO
01_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
01_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
01_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
01_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
01_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
01_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
01_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
01_T2_Studio_01	YES (+21.3%)	NO
01_T2_Studio_02	YES (+25.3%)	NO
01_T2_Studio_03	YES (+10.2%)	NO
01_T2_Studio_04	NO (-30.1%)	NO
01_T2_Studio_06	NO (-52.6%)	NO
01_T2_Studio_07	YES (+27.5%)	NO
01M_Ex_Studio_01	NO (-46.7%)	NO
01M_Ex_Studio_02	NO (-40.9%)	NO
01M_Ex_Studio_03	NO (-41.1%)	NO
01M_Ex_Studio_04	NO (-42%)	NO
01M_T1_Acc_Studio_01	NO (-39.9%)	NO
01M_T1_Acc_Studio_02	NO (-45.6%)	NO
01M_T1_Studio_01	NO (-22.8%)	NO
01M_T1_Studio_02	NO (-1.1%)	NO
01M_T1_Studio_03	YES (+8.4%)	NO
01M_T1_Studio_04	YES (+16.3%)	NO
01M_T1_Studio_05	YES (+7.3%)	NO
01M_T1_Studio_06	YES (+13.7%)	NO
01M_T1_Studio_07	YES (+9.2%)	NO
01M_T1_Studio_08	YES (+8.8%)	NO
01M_T1_Twodio_01_Bed_01	NO (-21.7%)	NO
01M_T1_Twodio_01_Bed_02	NO (-33.3%)	NO
01M_T1_Twodio_06_Bed_01	YES (+6.5%)	NO
01M_T1_Twodio_06_Bed_02	YES (+9.2%)	NO
01M_T2_Acc_Studio_01	NO (-16.5%)	NO
01M_T2_Cluster_01_Bed_01	YES (+29.6%)	NO
01M_T2_Cluster_01_Bed_02	YES (+29.8%)	NO
01M_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
01M_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
01M_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
01M_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
01M_T2_Cluster_01_Bed_07	YES (+30%)	NO
01M_T2_Cluster_02_Bed_01	YES (+11.2%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
01M_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
01M_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
01M_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
01M_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
01M_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
01M_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
01M_T2_Studio_01	YES (+21.3%)	NO
01M_T2_Studio_02	YES (+25.3%)	NO
01M_T2_Studio_03	YES (+10.2%)	NO
01M_T2_Studio_04	NO (-30.1%)	NO
01M_T2_Studio_06	NO (-52.4%)	NO
01M_T2_Studio_07	YES (+27.5%)	NO
02_Ex_Studio_01	NO (-46.7%)	NO
02_Ex_Studio_02	NO (-40.9%)	NO
02_Ex_Studio_03	NO (-41.1%)	NO
02_Ex_Studio_04	NO (-42%)	NO
02_T1_Acc_Studio_01	NO (-39.9%)	NO
02_T1_Acc_Studio_02	NO (-45.6%)	NO
02_T1_Studio_01	NO (-22.7%)	NO
02_T1_Studio_02	NO (-1%)	NO
02_T1_Studio_03	YES (+8.4%)	NO
02_T1_Studio_04	YES (+16.4%)	NO
02_T1_Studio_05	YES (+7.3%)	NO
02_T1_Studio_06	YES (+13.7%)	NO
02_T1_Studio_07	YES (+9.4%)	NO
02_T1_Studio_08	YES (+8.6%)	NO
02_T1_Studio_09	NO (-19.8%)	NO
02_T1_Twodio_01_Bed_01	NO (-21.5%)	NO
02_T1_Twodio_01_Bed_02	NO (-32.6%)	NO
02_T1_Twodio_02_Bed_01	NO (-5.6%)	NO
02_T1_Twodio_02_Bed_02	NO (-8.3%)	NO
02_T1_Twodio_03_Bed_01	NO (-5.2%)	NO
02_T1_Twodio_03_Bed_02	NO (-6.3%)	NO
02_T1_Twodio_04_Bed_01	NO (-6.6%)	NO
02_T1_Twodio_04_Bed_02	NO (-7.6%)	NO
02_T1_Twodio_05_Bed_01	NO (-6.3%)	NO
02_T1_Twodio_05_Bed_02	NO (-68.7%)	NO
02_T1_Twodio_06_Bed_01	YES (+6.5%)	NO
02_T1_Twodio_06_Bed_02	YES (+9.2%)	NO
02_T2_Acc_Studio_01	NO (-16.5%)	NO
02_T2_Cluster_01_Bed_01	YES (+29.6%)	NO
02_T2_Cluster_01_Bed_02	YES (+29.8%)	NO
02_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
02_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
02_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
02_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
02_T2_Cluster_01_Bed_07	YES (+30%)	NO
02_T2_Cluster_02_Bed_01	YES (+11.1%)	NO
02_T2_Cluster_02_Bed_02	YES (+11.2%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
02_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
02_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
02_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
02_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
02_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
02_T2_Studio_01	YES (+21.3%)	NO
02_T2_Studio_02	YES (+25.3%)	NO
02_T2_Studio_03	YES (+10.2%)	NO
02_T2_Studio_04	NO (-30.1%)	NO
02_T2_Studio_06	NO (-52.1%)	NO
02_T2_Studio_07	YES (+27.5%)	NO
03_Ex_Studio_01	NO (-46.6%)	NO
03_Ex_Studio_02	NO (-40.8%)	NO
03_Ex_Studio_03	NO (-41%)	NO
03_Ex_Studio_04	NO (-42%)	NO
03_T1_Acc_Studio_01	NO (-39.9%)	NO
03_T1_Acc_Studio_02	NO (-45.6%)	NO
03_T1_Studio_01	NO (-22.7%)	NO
03_T1_Studio_02	NO (-1%)	NO
03_T1_Studio_03	YES (+8.4%)	NO
03_T1_Studio_04	YES (+16.6%)	NO
03_T1_Studio_05	YES (+7.3%)	NO
03_T1_Studio_06	YES (+13.7%)	NO
03_T1_Studio_07	YES (+9.4%)	NO
03_T1_Studio_08	YES (+8.8%)	NO
03_T1_Studio_09	NO (-16.9%)	NO
03_T1_Twodio_01_Bed_01	NO (-18.4%)	NO
03_T1_Twodio_01_Bed_02	NO (-31.8%)	NO
03_T1_Twodio_02_Bed_01	NO (-5.6%)	NO
03_T1_Twodio_02_Bed_02	NO (-8.3%)	NO
03_T1_Twodio_03_Bed_01	NO (-5.2%)	NO
03_T1_Twodio_03_Bed_02	NO (-6.3%)	NO
03_T1_Twodio_04_Bed_01	NO (-6.6%)	NO
03_T1_Twodio_04_Bed_02	NO (-7.6%)	NO
03_T1_Twodio_05_Bed_01	NO (-6.3%)	NO
03_T1_Twodio_05_Bed_02	NO (-68.7%)	NO
03_T1_Twodio_06_Bed_01	YES (+6.5%)	NO
03_T1_Twodio_06_Bed_02	YES (+9%)	NO
03_T2_Acc_Studio_01	NO (-16.5%)	NO
03_T2_Cluster_01_Bed_01	YES (+29.6%)	NO
03_T2_Cluster_01_Bed_02	YES (+29.8%)	NO
03_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
03_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
03_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
03_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
03_T2_Cluster_01_Bed_07	YES (+30%)	NO
03_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
03_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
03_T2_Cluster_02_Bed_03	YES (+7.5%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
03_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
03_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
03_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
03_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
03_T2_Studio_01	YES (+21.3%)	NO
03_T2_Studio_02	YES (+25.3%)	NO
03_T2_Studio_03	YES (+10.2%)	NO
03_T2_Studio_04	NO (-30.1%)	NO
03_T2_Studio_06	NO (-52%)	NO
03_T2_Studio_07	YES (+27.5%)	NO
04_Ex_Studio_01	NO (-46.6%)	NO
04_Ex_Studio_02	NO (-40.8%)	NO
04_Ex_Studio_03	NO (-40.9%)	NO
04_Ex_Studio_04	NO (-41.9%)	NO
04_T1_Acc_Studio_01	NO (-39.8%)	NO
04_T1_Acc_Studio_02	NO (-45.6%)	NO
04_T1_Studio_01	NO (-22.8%)	NO
04_T1_Studio_02	NO (-1%)	NO
04_T1_Studio_03	YES (+8.4%)	NO
04_T1_Studio_04	YES (+16.7%)	NO
04_T1_Studio_05	YES (+7.3%)	NO
04_T1_Studio_06	YES (+13.7%)	NO
04_T1_Studio_07	YES (+9.5%)	NO
04_T1_Studio_08	YES (+8.7%)	NO
04_T1_Studio_09	NO (-16.9%)	NO
04_T1_Twodio_01_Bed_01	NO (-13.1%)	NO
04_T1_Twodio_01_Bed_02	NO (-30.5%)	NO
04_T1_Twodio_02_Bed_01	NO (-5.6%)	NO
04_T1_Twodio_02_Bed_02	NO (-8.3%)	NO
04_T1_Twodio_03_Bed_01	NO (-5.2%)	NO
04_T1_Twodio_03_Bed_02	NO (-6.3%)	NO
04_T1_Twodio_04_Bed_01	NO (-6.6%)	NO
04_T1_Twodio_04_Bed_02	NO (-7.6%)	NO
04_T1_Twodio_05_Bed_01	NO (-6.3%)	NO
04_T1_Twodio_05_Bed_02	NO (-68.7%)	NO
04_T1_Twodio_06_Bed_01	YES (+6.5%)	NO
04_T1_Twodio_06_Bed_02	YES (+9%)	NO
04_T2_Acc_Studio_01	NO (-16.5%)	NO
04_T2_Cluster_01_Bed_01	YES (+29.6%)	NO
04_T2_Cluster_01_Bed_02	YES (+29.8%)	NO
04_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
04_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
04_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
04_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
04_T2_Cluster_01_Bed_07	YES (+30%)	NO
04_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
04_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
04_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
04_T2_Cluster_02_Bed_04	YES (+11.9%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
04_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
04_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
04_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
04_T2_Studio_01	YES (+21.3%)	NO
04_T2_Studio_02	YES (+25.3%)	NO
04_T2_Studio_03	YES (+10.2%)	NO
04_T2_Studio_04	NO (-30.1%)	NO
04_T2_Studio_06	NO (-51.4%)	NO
04_T2_Studio_07	YES (+27.5%)	NO
05_Ex_Studio_01	NO (-46.5%)	NO
05_Ex_Studio_02	NO (-40.7%)	NO
05_Ex_Studio_03	NO (-40.5%)	NO
05_Ex_Studio_04	NO (-41.7%)	NO
05_T1_Acc_Studio_01	NO (-39.8%)	NO
05_T1_Acc_Studio_02	NO (-45.6%)	NO
05_T1_Studio_01	NO (-22.8%)	NO
05_T1_Studio_02	NO (-1%)	NO
05_T1_Studio_03	YES (+8.5%)	NO
05_T1_Studio_04	YES (+16.7%)	NO
05_T1_Studio_05	YES (+7.3%)	NO
05_T1_Studio_06	YES (+13.7%)	NO
05_T1_Studio_07	YES (+9.5%)	NO
05_T1_Studio_08	YES (+9%)	NO
05_T1_Studio_09	NO (-16.9%)	NO
05_T1_Twodio_01_Bed_01	NO (-6.3%)	NO
05_T1_Twodio_01_Bed_02	NO (-29.4%)	NO
05_T1_Twodio_02_Bed_01	NO (-5.6%)	NO
05_T1_Twodio_02_Bed_02	NO (-8.3%)	NO
05_T1_Twodio_03_Bed_01	NO (-5.2%)	NO
05_T1_Twodio_03_Bed_02	NO (-6.3%)	NO
05_T1_Twodio_04_Bed_01	NO (-6.6%)	NO
05_T1_Twodio_04_Bed_02	NO (-7.6%)	NO
05_T1_Twodio_05_Bed_01	NO (-6.3%)	NO
05_T1_Twodio_05_Bed_02	NO (-68.7%)	NO
05_T1_Twodio_06_Bed_01	YES (+6.5%)	NO
05_T1_Twodio_06_Bed_02	YES (+8.8%)	NO
05_T2_Acc_Studio_01	NO (-16.5%)	NO
05_T2_Cluster_01_Bed_01	YES (+29.6%)	NO
05_T2_Cluster_01_Bed_02	YES (+29.8%)	NO
05_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
05_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
05_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
05_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
05_T2_Cluster_01_Bed_07	YES (+30%)	NO
05_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
05_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
05_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
05_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
05_T2_Cluster_02_Bed_05	YES (+9.9%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
05_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
05_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
05_T2_Studio_01	YES (+21.3%)	NO
05_T2_Studio_02	YES (+25.3%)	NO
05_T2_Studio_03	YES (+10.2%)	NO
05_T2_Studio_04	NO (-30.1%)	NO
05_T2_Studio_06	NO (-50.2%)	NO
05_T2_Studio_07	YES (+27.5%)	NO
06_T1_Studio_09	NO (-16.9%)	NO
06_T1_Twodio_01_Bed_01	NO (-4%)	NO
06_T1_Twodio_01_Bed_02	NO (-29.1%)	NO
06_T1_Twodio_02_Bed_01	NO (-5.6%)	NO
06_T1_Twodio_02_Bed_02	NO (-8.3%)	NO
06_T1_Twodio_03_Bed_01	NO (-5.2%)	NO
06_T1_Twodio_03_Bed_02	NO (-6.3%)	NO
06_T1_Twodio_04_Bed_01	NO (-6.6%)	NO
06_T1_Twodio_04_Bed_02	NO (-7.6%)	NO
06_T1_Twodio_05_Bed_01	NO (-6.3%)	NO
06_T1_Twodio_05_Bed_02	NO (-68.7%)	NO
06_T1_Twodio_06_Bed_01	YES (+6.5%)	NO
06_T1_Twodio_06_Bed_02	NO (-64.1%)	NO
06_T2_Acc_Studio_01	NO (-16.5%)	NO
06_T2_Cluster_01_Bed_01	YES (+29.6%)	NO
06_T2_Cluster_01_Bed_02	YES (+29.8%)	NO
06_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
06_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
06_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
06_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
06_T2_Cluster_01_Bed_07	YES (+30%)	NO
06_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
06_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
06_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
06_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
06_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
06_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
06_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
06_T2_Studio_01	YES (+21.3%)	NO
06_T2_Studio_02	YES (+25.3%)	NO
06_T2_Studio_03	YES (+10.2%)	NO
06_T2_Studio_04	NO (-53.6%)	NO
06_T2_Studio_05	NO (-68.4%)	NO
06_T2_Studio_06	NO (-48.9%)	NO
06_T2_Studio_07	YES (+27.5%)	NO
07_T1_Studio_09	NO (-16.9%)	NO
07_T1_Twodio_01_Bed_01	NO (-4%)	NO
07_T1_Twodio_01_Bed_02	NO (-29.1%)	NO
07_T1_Twodio_02_Bed_01	NO (-5.6%)	NO
07_T1_Twodio_02_Bed_02	NO (-8.3%)	NO
07_T1_Twodio_03_Bed_01	NO (-5.2%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
07_T1_Twodio_03_Bed_02	NO (-6.3%)	NO
07_T1_Twodio_04_Bed_01	NO (-6.6%)	NO
07_T1_Twodio_04_Bed_02	NO (-7.6%)	NO
07_T1_Twodio_05_Bed_01	NO (-6.3%)	NO
07_T1_Twodio_05_Bed_02	NO (-68.7%)	NO
07_T1_Twodio_06_Bed_01	YES (+6.5%)	NO
07_T1_Twodio_06_Bed_02	NO (-64.1%)	NO
07_T2_Acc_Studio_01	NO (-16.5%)	NO
07_T2_Cluster_01_Bed_01	YES (+29.6%)	NO
07_T2_Cluster_01_Bed_02	YES (+29.8%)	NO
07_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
07_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
07_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
07_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
07_T2_Cluster_01_Bed_07	YES (+30%)	NO
07_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
07_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
07_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
07_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
07_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
07_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
07_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
07_T2_Studio_01	YES (+21.3%)	NO
07_T2_Studio_02	YES (+25.3%)	NO
07_T2_Studio_03	YES (+10.2%)	NO
07_T2_Studio_04	NO (-53.3%)	NO
07_T2_Studio_05	NO (-67.7%)	NO
07_T2_Studio_06	NO (-48.6%)	NO
07_T2_Studio_07	YES (+27.6%)	NO
08_T1_Studio_09	NO (-16.9%)	NO
08_T1_Twodio_01_Bed_01	NO (-4%)	NO
08_T1_Twodio_01_Bed_02	NO (-29.1%)	NO
08_T1_Twodio_02_Bed_01	NO (-5.6%)	NO
08_T1_Twodio_02_Bed_02	NO (-8.3%)	NO
08_T1_Twodio_03_Bed_01	NO (-5.2%)	NO
08_T1_Twodio_03_Bed_02	NO (-6.3%)	NO
08_T1_Twodio_04_Bed_01	NO (-6.6%)	NO
08_T1_Twodio_04_Bed_02	NO (-7.6%)	NO
08_T1_Twodio_05_Bed_01	NO (-6.3%)	NO
08_T1_Twodio_05_Bed_02	NO (-68.7%)	NO
08_T1_Twodio_06_Bed_01	YES (+6.5%)	NO
08_T1_Twodio_06_Bed_02	NO (-64.1%)	NO
08_T2_Acc_Studio_01	NO (-16.5%)	NO
08_T2_Cluster_01_Bed_01	YES (+29.6%)	NO
08_T2_Cluster_01_Bed_02	YES (+29.8%)	NO
08_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
08_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
08_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
08_T2_Cluster_01_Bed_06	YES (+25.5%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
08_T2_Cluster_01_Bed_07	YES (+30%)	NO
08_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
08_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
08_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
08_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
08_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
08_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
08_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
08_T2_Studio_01	YES (+21.3%)	NO
08_T2_Studio_02	YES (+25.3%)	NO
08_T2_Studio_03	YES (+10.2%)	NO
08_T2_Studio_04	NO (-52.8%)	NO
08_T2_Studio_05	NO (-66.8%)	NO
08_T2_Studio_06	NO (-48.1%)	NO
08_T2_Studio_07	YES (+27.7%)	NO
09_T1_Studio_09	NO (-16.9%)	NO
09_T1_Twodio_01_Bed_01	NO (-4%)	NO
09_T1_Twodio_01_Bed_02	NO (-29.1%)	NO
09_T1_Twodio_02_Bed_01	NO (-5.6%)	NO
09_T1_Twodio_02_Bed_02	NO (-8.3%)	NO
09_T1_Twodio_03_Bed_01	NO (-5.2%)	NO
09_T1_Twodio_03_Bed_02	NO (-6.3%)	NO
09_T1_Twodio_04_Bed_01	NO (-6.6%)	NO
09_T1_Twodio_04_Bed_02	NO (-7.6%)	NO
09_T1_Twodio_05_Bed_01	NO (-6.3%)	NO
09_T1_Twodio_05_Bed_02	NO (-68.7%)	NO
09_T1_Twodio_06_Bed_01	YES (+6.5%)	NO
09_T1_Twodio_06_Bed_02	NO (-64.1%)	NO
09_T2_Acc_Studio_01	NO (-16.5%)	NO
09_T2_Cluster_01_Bed_01	YES (+29.6%)	NO
09_T2_Cluster_01_Bed_02	YES (+29.8%)	NO
09_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
09_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
09_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
09_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
09_T2_Cluster_01_Bed_07	YES (+30%)	NO
09_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
09_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
09_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
09_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
09_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
09_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
09_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
09_T2_Studio_01	YES (+21.3%)	NO
09_T2_Studio_02	YES (+25.3%)	NO
09_T2_Studio_03	YES (+10.2%)	NO
09_T2_Studio_04	NO (-52.3%)	NO
09_T2_Studio_05	NO (-65.6%)	NO
09_T2_Studio_06	NO (-47.5%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
09_T2_Studio_07	YES (+27.7%)	NO
10_T1_Studio_09	NO (-16.9%)	NO
10_T1_Twodio_01_Bed_01	NO (-4%)	NO
10_T1_Twodio_01_Bed_02	NO (-29.1%)	NO
10_T1_Twodio_02_Bed_01	NO (-5.6%)	NO
10_T1_Twodio_02_Bed_02	NO (-8.3%)	NO
10_T1_Twodio_03_Bed_01	NO (-5.2%)	NO
10_T1_Twodio_03_Bed_02	NO (-6.3%)	NO
10_T1_Twodio_04_Bed_01	NO (-6.6%)	NO
10_T1_Twodio_04_Bed_02	NO (-7.6%)	NO
10_T1_Twodio_05_Bed_01	NO (-6.3%)	NO
10_T1_Twodio_05_Bed_02	NO (-68.7%)	NO
10_T1_Twodio_06_Bed_01	YES (+6.5%)	NO
10_T1_Twodio_06_Bed_02	NO (-64.1%)	NO
10_T2_Acc_Studio_01	NO (-16.5%)	NO
10_T2_Cluster_01_Bed_01	YES (+29.8%)	NO
10_T2_Cluster_01_Bed_02	YES (+29.8%)	NO
10_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
10_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
10_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
10_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
10_T2_Cluster_01_Bed_07	YES (+30%)	NO
10_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
10_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
10_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
10_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
10_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
10_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
10_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
10_T2_Studio_01	YES (+21.3%)	NO
10_T2_Studio_02	YES (+25.3%)	NO
10_T2_Studio_03	YES (+10.2%)	NO
10_T2_Studio_04	NO (-52.2%)	NO
10_T2_Studio_05	NO (-65.5%)	NO
10_T2_Studio_06	NO (-47.4%)	NO
10_T2_Studio_07	YES (+27.9%)	NO
11_T1_Studio_09	NO (-16.9%)	NO
11_T1_Twodio_01_Bed_01	NO (-4%)	NO
11_T1_Twodio_01_Bed_02	NO (-29.1%)	NO
11_T1_Twodio_02_Bed_01	NO (-5.6%)	NO
11_T1_Twodio_02_Bed_02	NO (-8.3%)	NO
11_T1_Twodio_03_Bed_01	NO (-5.2%)	NO
11_T1_Twodio_03_Bed_02	NO (-6.3%)	NO
11_T1_Twodio_04_Bed_01	NO (-6.6%)	NO
11_T1_Twodio_04_Bed_02	NO (-7.6%)	NO
11_T1_Twodio_05_Bed_01	NO (-6.3%)	NO
11_T1_Twodio_05_Bed_02	NO (-68.7%)	NO
11_T1_Twodio_06_Bed_01	YES (+6.5%)	NO
11_T1_Twodio_06_Bed_02	NO (-64.1%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
11_T2_Acc_Studio_01	NO (-16.5%)	NO
11_T2_Cluster_01_Bed_01	YES (+29.8%)	NO
11_T2_Cluster_01_Bed_02	YES (+29.8%)	NO
11_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
11_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
11_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
11_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
11_T2_Cluster_01_Bed_07	YES (+30%)	NO
11_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
11_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
11_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
11_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
11_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
11_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
11_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
11_T2_Studio_01	YES (+21.3%)	NO
11_T2_Studio_02	YES (+25.3%)	NO
11_T2_Studio_03	YES (+10.2%)	NO
11_T2_Studio_04	NO (-51.3%)	NO
11_T2_Studio_05	NO (-63.8%)	NO
11_T2_Studio_06	NO (-46.4%)	NO
11_T2_Studio_07	YES (+27.9%)	NO
12_T1_Studio_09	NO (-16.9%)	NO
12_T1_Twodio_01_Bed_01	NO (-4%)	NO
12_T1_Twodio_01_Bed_02	NO (-29.1%)	NO
12_T1_Twodio_02_Bed_01	NO (-5.6%)	NO
12_T1_Twodio_02_Bed_02	NO (-8.3%)	NO
12_T1_Twodio_03_Bed_01	NO (-5.2%)	NO
12_T1_Twodio_03_Bed_02	NO (-6.3%)	NO
12_T1_Twodio_04_Bed_01	NO (-6.6%)	NO
12_T1_Twodio_04_Bed_02	NO (-7.6%)	NO
12_T1_Twodio_05_Bed_01	NO (-6.3%)	NO
12_T1_Twodio_05_Bed_02	NO (-68.7%)	NO
12_T1_Twodio_06_Bed_01	YES (+6.5%)	NO
12_T1_Twodio_06_Bed_02	NO (-64.1%)	NO
12_T2_Acc_Studio_01	NO (-16.5%)	NO
12_T2_Cluster_01_Bed_01	YES (+29.8%)	NO
12_T2_Cluster_01_Bed_02	YES (+29.8%)	NO
12_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
12_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
12_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
12_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
12_T2_Cluster_01_Bed_07	YES (+30%)	NO
12_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
12_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
12_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
12_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
12_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
12_T2_Cluster_02_Bed_06	YES (+7.3%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
12_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
12_T2_Studio_01	YES (+21.3%)	NO
12_T2_Studio_02	YES (+25.3%)	NO
12_T2_Studio_03	YES (+10.2%)	NO
12_T2_Studio_04	NO (-50.7%)	NO
12_T2_Studio_05	NO (-62.4%)	NO
12_T2_Studio_06	NO (-45.6%)	NO
12_T2_Studio_07	YES (+27.9%)	NO
13_T1_Studio_09	NO (-16.9%)	NO
13_T1_Twodio_01_Bed_01	NO (-4.2%)	NO
13_T1_Twodio_01_Bed_02	NO (-29.1%)	NO
13_T1_Twodio_02_Bed_01	NO (-5.6%)	NO
13_T1_Twodio_02_Bed_02	NO (-8.3%)	NO
13_T1_Twodio_03_Bed_01	NO (-5.2%)	NO
13_T1_Twodio_03_Bed_02	NO (-6.3%)	NO
13_T1_Twodio_04_Bed_01	NO (-6.6%)	NO
13_T1_Twodio_04_Bed_02	NO (-7.6%)	NO
13_T1_Twodio_05_Bed_01	NO (-6.3%)	NO
13_T1_Twodio_05_Bed_02	NO (-68.7%)	NO
13_T1_Twodio_06_Bed_01	YES (+6.5%)	NO
13_T1_Twodio_06_Bed_02	NO (-64.1%)	NO
13_T2_Acc_Studio_01	NO (-16.5%)	NO
13_T2_Cluster_01_Bed_01	YES (+29.8%)	NO
13_T2_Cluster_01_Bed_02	YES (+29.8%)	NO
13_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
13_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
13_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
13_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
13_T2_Cluster_01_Bed_07	YES (+30%)	NO
13_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
13_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
13_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
13_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
13_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
13_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
13_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
13_T2_Studio_01	YES (+21.3%)	NO
13_T2_Studio_02	YES (+25.3%)	NO
13_T2_Studio_03	YES (+10.2%)	NO
13_T2_Studio_04	NO (-50%)	NO
13_T2_Studio_05	NO (-61.2%)	NO
13_T2_Studio_06	NO (-44.9%)	NO
13_T2_Studio_07	YES (+27.9%)	NO
14_T1_Studio_09	NO (-16.9%)	NO
14_T1_Twodio_01_Bed_01	NO (-3.8%)	NO
14_T1_Twodio_01_Bed_02	NO (-29.1%)	NO
14_T1_Twodio_02_Bed_01	NO (-5.6%)	NO
14_T1_Twodio_02_Bed_02	NO (-8.3%)	NO
14_T1_Twodio_03_Bed_01	NO (-5.2%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
14_T1_Twodio_03_Bed_02	NO (-6.3%)	NO
14_T1_Twodio_04_Bed_01	NO (-6.6%)	NO
14_T1_Twodio_04_Bed_02	NO (-7.6%)	NO
14_T1_Twodio_05_Bed_01	NO (-6.3%)	NO
14_T1_Twodio_05_Bed_02	NO (-68.7%)	NO
14_T1_Twodio_06_Bed_01	YES (+6.5%)	NO
14_T1_Twodio_06_Bed_02	NO (-64.1%)	NO
14_T2_Acc_Studio_01	NO (-16.5%)	NO
14_T2_Cluster_01_Bed_01	YES (+30%)	NO
14_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
14_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
14_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
14_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
14_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
14_T2_Cluster_01_Bed_07	YES (+30%)	NO
14_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
14_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
14_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
14_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
14_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
14_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
14_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
14_T2_Studio_01	YES (+21.3%)	NO
14_T2_Studio_02	YES (+25.3%)	NO
14_T2_Studio_03	YES (+10.2%)	NO
14_T2_Studio_04	NO (-48.6%)	NO
14_T2_Studio_05	NO (-58.7%)	NO
14_T2_Studio_06	NO (-43.6%)	NO
14_T2_Studio_07	YES (+28.1%)	NO
15_T2_Acc_Studio_01	NO (-16.5%)	NO
15_T2_Cluster_01_Bed_01	YES (+30%)	NO
15_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
15_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
15_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
15_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
15_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
15_T2_Cluster_01_Bed_07	YES (+30%)	NO
15_T2_Cluster_02_Bed_01	YES (+11.1%)	NO
15_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
15_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
15_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
15_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
15_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
15_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
15_T2_Studio_01	YES (+21.3%)	NO
15_T2_Studio_02	YES (+25.3%)	NO
15_T2_Studio_03	YES (+10.2%)	NO
15_T2_Studio_04	NO (-48.4%)	NO
15_T2_Studio_05	NO (-58.5%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
15_T2_Studio_06	NO (-43.5%)	NO
15_T2_Studio_07	YES (+28.1%)	NO
16_T2_Acc_Studio_01	NO (-16.5%)	NO
16_T2_Cluster_01_Bed_01	YES (+30%)	NO
16_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
16_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
16_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
16_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
16_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
16_T2_Cluster_01_Bed_07	YES (+30%)	NO
16_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
16_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
16_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
16_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
16_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
16_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
16_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
16_T2_Studio_01	YES (+21.3%)	NO
16_T2_Studio_02	YES (+25.3%)	NO
16_T2_Studio_03	YES (+10.2%)	NO
16_T2_Studio_04	NO (-48.4%)	NO
16_T2_Studio_05	NO (-58.5%)	NO
16_T2_Studio_06	NO (-43.5%)	NO
16_T2_Studio_07	YES (+28.1%)	NO
17_T2_Acc_Studio_01	NO (-16.5%)	NO
17_T2_Cluster_01_Bed_01	YES (+30%)	NO
17_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
17_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
17_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
17_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
17_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
17_T2_Cluster_01_Bed_07	YES (+30%)	NO
17_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
17_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
17_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
17_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
17_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
17_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
17_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
17_T2_Studio_01	YES (+21.3%)	NO
17_T2_Studio_02	YES (+25.3%)	NO
17_T2_Studio_03	YES (+10.2%)	NO
17_T2_Studio_04	NO (-48.4%)	NO
17_T2_Studio_05	NO (-58.5%)	NO
17_T2_Studio_06	NO (-43.5%)	NO
17_T2_Studio_07	YES (+28.1%)	NO
18_T2_Acc_Studio_01	NO (-16.5%)	NO
18_T2_Cluster_01_Bed_01	YES (+30%)	NO
18_T2_Cluster_01_Bed_02	YES (+30.1%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
18_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
18_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
18_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
18_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
18_T2_Cluster_01_Bed_07	YES (+30%)	NO
18_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
18_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
18_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
18_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
18_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
18_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
18_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
18_T2_Studio_01	YES (+21.3%)	NO
18_T2_Studio_02	YES (+25.3%)	NO
18_T2_Studio_03	YES (+10.2%)	NO
18_T2_Studio_04	NO (-48.4%)	NO
18_T2_Studio_05	NO (-58.5%)	NO
18_T2_Studio_06	NO (-43.5%)	NO
18_T2_Studio_07	YES (+28.1%)	NO
19_T2_Acc_Studio_01	NO (-16.5%)	NO
19_T2_Cluster_01_Bed_01	YES (+30%)	NO
19_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
19_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
19_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
19_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
19_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
19_T2_Cluster_01_Bed_07	YES (+30%)	NO
19_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
19_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
19_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
19_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
19_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
19_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
19_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
19_T2_Studio_01	YES (+21.3%)	NO
19_T2_Studio_02	YES (+25.3%)	NO
19_T2_Studio_03	YES (+10.2%)	NO
19_T2_Studio_04	NO (-48.4%)	NO
19_T2_Studio_05	NO (-58.5%)	NO
19_T2_Studio_06	NO (-43.5%)	NO
19_T2_Studio_07	YES (+28.1%)	NO
20_T2_Acc_Studio_01	NO (-16.5%)	NO
20_T2_Cluster_01_Bed_01	YES (+30%)	NO
20_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
20_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
20_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
20_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
20_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
20_T2_Cluster_01_Bed_07	YES (+30%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
20_T2_Cluster_02_Bed_01	YES (+11.1%)	NO
20_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
20_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
20_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
20_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
20_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
20_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
20_T2_Studio_01	YES (+21.3%)	NO
20_T2_Studio_02	YES (+25.3%)	NO
20_T2_Studio_03	YES (+10.2%)	NO
20_T2_Studio_04	NO (-48.4%)	NO
20_T2_Studio_05	NO (-58.5%)	NO
20_T2_Studio_06	NO (-43.5%)	NO
20_T2_Studio_07	YES (+28.1%)	NO
21_T2_Acc_Studio_01	NO (-16.5%)	NO
21_T2_Cluster_01_Bed_01	YES (+30%)	NO
21_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
21_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
21_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
21_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
21_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
21_T2_Cluster_01_Bed_07	YES (+30%)	NO
21_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
21_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
21_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
21_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
21_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
21_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
21_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
21_T2_Studio_01	YES (+21.3%)	NO
21_T2_Studio_02	YES (+25.3%)	NO
21_T2_Studio_03	YES (+10.2%)	NO
21_T2_Studio_04	NO (-48.4%)	NO
21_T2_Studio_05	NO (-58.5%)	NO
21_T2_Studio_06	NO (-43.5%)	NO
21_T2_Studio_07	YES (+28.1%)	NO
22_T2_Acc_Studio_01	NO (-16.5%)	NO
22_T2_Cluster_01_Bed_01	YES (+30%)	NO
22_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
22_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
22_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
22_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
22_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
22_T2_Cluster_01_Bed_07	YES (+30%)	NO
22_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
22_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
22_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
22_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
22_T2_Cluster_02_Bed_05	YES (+9.9%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
22_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
22_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
22_T2_Studio_01	YES (+21.3%)	NO
22_T2_Studio_02	YES (+25.3%)	NO
22_T2_Studio_03	YES (+10.2%)	NO
22_T2_Studio_04	NO (-48.4%)	NO
22_T2_Studio_05	NO (-58.5%)	NO
22_T2_Studio_06	NO (-43.5%)	NO
22_T2_Studio_07	YES (+28.1%)	NO
23_T2_Acc_Studio_01	NO (-16.5%)	NO
23_T2_Cluster_01_Bed_01	YES (+30%)	NO
23_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
23_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
23_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
23_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
23_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
23_T2_Cluster_01_Bed_07	YES (+30%)	NO
23_T2_Cluster_02_Bed_01	YES (+11.1%)	NO
23_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
23_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
23_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
23_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
23_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
23_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
23_T2_Studio_01	YES (+21.3%)	NO
23_T2_Studio_02	YES (+25.3%)	NO
23_T2_Studio_03	YES (+10.2%)	NO
23_T2_Studio_04	NO (-48.4%)	NO
23_T2_Studio_05	NO (-58.5%)	NO
23_T2_Studio_06	NO (-43.5%)	NO
23_T2_Studio_07	YES (+28.1%)	NO
24_T2_Acc_Studio_01	NO (-16.5%)	NO
24_T2_Cluster_01_Bed_01	YES (+30%)	NO
24_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
24_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
24_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
24_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
24_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
24_T2_Cluster_01_Bed_07	YES (+30%)	NO
24_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
24_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
24_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
24_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
24_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
24_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
24_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
24_T2_Studio_01	YES (+21.3%)	NO
24_T2_Studio_02	YES (+25.3%)	NO
24_T2_Studio_03	YES (+10.2%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
24_T2_Studio_04	NO (-48.4%)	NO
24_T2_Studio_05	NO (-58.5%)	NO
24_T2_Studio_06	NO (-43.5%)	NO
24_T2_Studio_07	YES (+28.1%)	NO
25_T2_Acc_Studio_01	NO (-16.5%)	NO
25_T2_Cluster_01_Bed_01	YES (+30%)	NO
25_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
25_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
25_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
25_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
25_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
25_T2_Cluster_01_Bed_07	YES (+30%)	NO
25_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
25_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
25_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
25_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
25_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
25_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
25_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
25_T2_Studio_01	YES (+21.3%)	NO
25_T2_Studio_02	YES (+25.3%)	NO
25_T2_Studio_03	YES (+10.2%)	NO
25_T2_Studio_04	NO (-48.4%)	NO
25_T2_Studio_05	NO (-58.5%)	NO
25_T2_Studio_06	NO (-43.5%)	NO
25_T2_Studio_07	YES (+28.1%)	NO
26_T2_Acc_Studio_01	NO (-16.5%)	NO
26_T2_Cluster_01_Bed_01	YES (+30%)	NO
26_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
26_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
26_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
26_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
26_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
26_T2_Cluster_01_Bed_07	YES (+30%)	NO
26_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
26_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
26_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
26_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
26_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
26_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
26_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
26_T2_Studio_01	YES (+21.3%)	NO
26_T2_Studio_02	YES (+25.3%)	NO
26_T2_Studio_03	YES (+10.2%)	NO
26_T2_Studio_04	NO (-48.4%)	NO
26_T2_Studio_05	NO (-58.5%)	NO
26_T2_Studio_06	NO (-43.5%)	NO
26_T2_Studio_07	YES (+28.1%)	NO
27_T2_Acc_Studio_01	NO (-16.5%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
27_T2_Cluster_01_Bed_01	YES (+30%)	NO
27_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
27_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
27_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
27_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
27_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
27_T2_Cluster_01_Bed_07	YES (+30%)	NO
27_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
27_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
27_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
27_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
27_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
27_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
27_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
27_T2_Studio_01	YES (+21.3%)	NO
27_T2_Studio_02	YES (+25.3%)	NO
27_T2_Studio_03	YES (+10.2%)	NO
27_T2_Studio_04	NO (-48.4%)	NO
27_T2_Studio_05	NO (-58.5%)	NO
27_T2_Studio_06	NO (-43.5%)	NO
27_T2_Studio_07	YES (+28.1%)	NO
28_T2_Acc_Studio_01	NO (-16.5%)	NO
28_T2_Cluster_01_Bed_01	YES (+30%)	NO
28_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
28_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
28_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
28_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
28_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
28_T2_Cluster_01_Bed_07	YES (+30%)	NO
28_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
28_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
28_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
28_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
28_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
28_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
28_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
28_T2_Studio_01	YES (+21.3%)	NO
28_T2_Studio_02	YES (+25.3%)	NO
28_T2_Studio_03	YES (+10.2%)	NO
28_T2_Studio_04	NO (-48.4%)	NO
28_T2_Studio_05	NO (-58.5%)	NO
28_T2_Studio_06	NO (-43.5%)	NO
28_T2_Studio_07	YES (+28.1%)	NO
29_T2_Acc_Studio_01	NO (-16.5%)	NO
29_T2_Cluster_01_Bed_01	YES (+30%)	NO
29_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
29_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
29_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
29_T2_Cluster_01_Bed_05	YES (+28.6%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
29_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
29_T2_Cluster_01_Bed_07	YES (+30%)	NO
29_T2_Cluster_02_Bed_01	YES (+11.1%)	NO
29_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
29_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
29_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
29_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
29_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
29_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
29_T2_Studio_01	YES (+21.3%)	NO
29_T2_Studio_02	YES (+25.3%)	NO
29_T2_Studio_03	YES (+10.2%)	NO
29_T2_Studio_04	NO (-48.4%)	NO
29_T2_Studio_05	NO (-58.5%)	NO
29_T2_Studio_06	NO (-43.5%)	NO
29_T2_Studio_07	YES (+28.1%)	NO
30_T2_Acc_Studio_01	NO (-16.5%)	NO
30_T2_Cluster_01_Bed_01	YES (+30%)	NO
30_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
30_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
30_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
30_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
30_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
30_T2_Cluster_01_Bed_07	YES (+30%)	NO
30_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
30_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
30_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
30_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
30_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
30_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
30_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
30_T2_Studio_01	YES (+21.3%)	NO
30_T2_Studio_02	YES (+25.3%)	NO
30_T2_Studio_03	YES (+10.2%)	NO
30_T2_Studio_04	NO (-48.4%)	NO
30_T2_Studio_05	NO (-58.5%)	NO
30_T2_Studio_06	NO (-43.5%)	NO
30_T2_Studio_07	YES (+28.1%)	NO
31_T2_Acc_Studio_01	NO (-16.5%)	NO
31_T2_Cluster_01_Bed_01	YES (+30%)	NO
31_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
31_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
31_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
31_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
31_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
31_T2_Cluster_01_Bed_07	YES (+30%)	NO
31_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
31_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
31_T2_Cluster_02_Bed_03	YES (+7.5%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
31_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
31_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
31_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
31_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
31_T2_Studio_01	YES (+21.3%)	NO
31_T2_Studio_02	YES (+25.3%)	NO
31_T2_Studio_03	YES (+10.2%)	NO
31_T2_Studio_04	NO (-48.4%)	NO
31_T2_Studio_05	NO (-58.5%)	NO
31_T2_Studio_06	NO (-43.5%)	NO
31_T2_Studio_07	YES (+28.1%)	NO
32_T2_Acc_Studio_01	NO (-16.5%)	NO
32_T2_Cluster_01_Bed_01	YES (+30%)	NO
32_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
32_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
32_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
32_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
32_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
32_T2_Cluster_01_Bed_07	YES (+30%)	NO
32_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
32_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
32_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
32_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
32_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
32_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
32_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
32_T2_Studio_01	YES (+21.3%)	NO
32_T2_Studio_02	YES (+25.3%)	NO
32_T2_Studio_03	YES (+10.2%)	NO
32_T2_Studio_04	NO (-48.4%)	NO
32_T2_Studio_05	NO (-58.5%)	NO
32_T2_Studio_06	NO (-43.5%)	NO
32_T2_Studio_07	YES (+28.1%)	NO
33_T2_Acc_Studio_01	NO (-16.5%)	NO
33_T2_Cluster_01_Bed_01	YES (+30%)	NO
33_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
33_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
33_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
33_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
33_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
33_T2_Cluster_01_Bed_07	YES (+30%)	NO
33_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
33_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
33_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
33_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
33_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
33_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
33_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
33_T2_Studio_01	YES (+21.3%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
33_T2_Studio_02	YES (+25.3%)	NO
33_T2_Studio_03	YES (+10.2%)	NO
33_T2_Studio_04	NO (-48.4%)	NO
33_T2_Studio_05	NO (-58.5%)	NO
33_T2_Studio_06	NO (-43.5%)	NO
33_T2_Studio_07	YES (+28.1%)	NO
34_T2_Acc_Studio_01	NO (-16.5%)	NO
34_T2_Cluster_01_Bed_01	YES (+30%)	NO
34_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
34_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
34_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
34_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
34_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
34_T2_Cluster_01_Bed_07	YES (+30%)	NO
34_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
34_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
34_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
34_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
34_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
34_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
34_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
34_T2_Studio_01	YES (+21.3%)	NO
34_T2_Studio_02	YES (+25.3%)	NO
34_T2_Studio_03	YES (+10.2%)	NO
34_T2_Studio_04	NO (-48.4%)	NO
34_T2_Studio_05	NO (-58.5%)	NO
34_T2_Studio_06	NO (-43.5%)	NO
34_T2_Studio_07	YES (+28.1%)	NO
35_T2_Acc_Studio_01	NO (-16.5%)	NO
35_T2_Cluster_01_Bed_01	YES (+30%)	NO
35_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
35_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
35_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
35_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
35_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
35_T2_Cluster_01_Bed_07	YES (+30%)	NO
35_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
35_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
35_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
35_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
35_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
35_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
35_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
35_T2_Studio_01	YES (+21.3%)	NO
35_T2_Studio_02	YES (+25.3%)	NO
35_T2_Studio_03	YES (+10.2%)	NO
35_T2_Studio_04	NO (-48.4%)	NO
35_T2_Studio_05	NO (-58.5%)	NO
35_T2_Studio_06	NO (-43.5%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
35_T2_Studio_07	YES (+28.1%)	NO
36_T2_Acc_Studio_01	NO (-16.5%)	NO
36_T2_Cluster_01_Bed_01	YES (+30%)	NO
36_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
36_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
36_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
36_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
36_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
36_T2_Cluster_01_Bed_07	YES (+30%)	NO
36_T2_Cluster_02_Bed_01	YES (+11.1%)	NO
36_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
36_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
36_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
36_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
36_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
36_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
36_T2_Studio_01	YES (+21.3%)	NO
36_T2_Studio_02	YES (+25.3%)	NO
36_T2_Studio_03	YES (+10.2%)	NO
36_T2_Studio_04	NO (-48.4%)	NO
36_T2_Studio_05	NO (-58.5%)	NO
36_T2_Studio_06	NO (-43.5%)	NO
36_T2_Studio_07	YES (+28.1%)	NO
37_T2_Acc_Studio_01	NO (-16.5%)	NO
37_T2_Cluster_01_Bed_01	YES (+30%)	NO
37_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
37_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
37_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
37_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
37_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
37_T2_Cluster_01_Bed_07	YES (+30%)	NO
37_T2_Cluster_02_Bed_01	YES (+11.1%)	NO
37_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
37_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
37_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
37_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
37_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
37_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
37_T2_Studio_01	YES (+21.3%)	NO
37_T2_Studio_02	YES (+25.3%)	NO
37_T2_Studio_03	YES (+10.2%)	NO
37_T2_Studio_04	NO (-48.4%)	NO
37_T2_Studio_05	NO (-58.5%)	NO
37_T2_Studio_06	NO (-43.5%)	NO
37_T2_Studio_07	YES (+28.1%)	NO
38_T2_Acc_Studio_01	NO (-16.5%)	NO
38_T2_Cluster_01_Bed_01	YES (+30%)	NO
38_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
38_T2_Cluster_01_Bed_03	YES (+25.8%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
38_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
38_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
38_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
38_T2_Cluster_01_Bed_07	YES (+30%)	NO
38_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
38_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
38_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
38_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
38_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
38_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
38_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
38_T2_Studio_01	YES (+21.3%)	NO
38_T2_Studio_02	YES (+25.3%)	NO
38_T2_Studio_03	YES (+10.2%)	NO
38_T2_Studio_04	NO (-48.4%)	NO
38_T2_Studio_05	NO (-58.5%)	NO
38_T2_Studio_06	NO (-43.5%)	NO
38_T2_Studio_07	YES (+28.1%)	NO
39_T2_Acc_Studio_01	NO (-16.5%)	NO
39_T2_Cluster_01_Bed_01	YES (+30%)	NO
39_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
39_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
39_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
39_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
39_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
39_T2_Cluster_01_Bed_07	YES (+30%)	NO
39_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
39_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
39_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
39_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
39_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
39_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
39_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
39_T2_Studio_01	YES (+21.3%)	NO
39_T2_Studio_02	YES (+25.3%)	NO
39_T2_Studio_03	YES (+10.2%)	NO
39_T2_Studio_04	NO (-48.4%)	NO
39_T2_Studio_05	NO (-58.5%)	NO
39_T2_Studio_06	NO (-43.5%)	NO
39_T2_Studio_07	YES (+28.1%)	NO
40_T2_Acc_Studio_01	NO (-16.5%)	NO
40_T2_Cluster_01_Bed_01	YES (+30%)	NO
40_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
40_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
40_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
40_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
40_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
40_T2_Cluster_01_Bed_07	YES (+30%)	NO
40_T2_Cluster_02_Bed_01	YES (+11.2%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
40_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
40_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
40_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
40_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
40_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
40_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
40_T2_Studio_01	YES (+21.3%)	NO
40_T2_Studio_02	YES (+25.3%)	NO
40_T2_Studio_03	YES (+10.2%)	NO
40_T2_Studio_04	NO (-48.4%)	NO
40_T2_Studio_05	NO (-58.5%)	NO
40_T2_Studio_06	NO (-43.5%)	NO
40_T2_Studio_07	YES (+28.1%)	NO
41_T2_Acc_Studio_01	NO (-16.5%)	NO
41_T2_Cluster_01_Bed_01	YES (+30%)	NO
41_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
41_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
41_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
41_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
41_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
41_T2_Cluster_01_Bed_07	YES (+30%)	NO
41_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
41_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
41_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
41_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
41_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
41_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
41_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
41_T2_Studio_01	YES (+21.3%)	NO
41_T2_Studio_02	YES (+25.3%)	NO
41_T2_Studio_03	YES (+10.2%)	NO
41_T2_Studio_04	NO (-48.4%)	NO
41_T2_Studio_05	NO (-58.5%)	NO
41_T2_Studio_06	NO (-43.5%)	NO
41_T2_Studio_07	YES (+28.1%)	NO
42_T2_Acc_Studio_01	NO (-16.5%)	NO
42_T2_Cluster_01_Bed_01	YES (+30%)	NO
42_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
42_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
42_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
42_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
42_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
42_T2_Cluster_01_Bed_07	YES (+30%)	NO
42_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
42_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
42_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
42_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
42_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
42_T2_Cluster_02_Bed_06	YES (+7.3%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
42_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
42_T2_Studio_01	YES (+21.3%)	NO
42_T2_Studio_02	YES (+25.3%)	NO
42_T2_Studio_03	YES (+10.2%)	NO
42_T2_Studio_04	NO (-48.4%)	NO
42_T2_Studio_05	NO (-58.5%)	NO
42_T2_Studio_06	NO (-43.5%)	NO
42_T2_Studio_07	YES (+28.1%)	NO
43_T2_Acc_Studio_01	NO (-16.5%)	NO
43_T2_Cluster_01_Bed_01	YES (+30%)	NO
43_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
43_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
43_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
43_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
43_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
43_T2_Cluster_01_Bed_07	YES (+30%)	NO
43_T2_Cluster_02_Bed_01	YES (+11.2%)	NO
43_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
43_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
43_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
43_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
43_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
43_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
43_T2_Studio_01	YES (+21.3%)	NO
43_T2_Studio_02	YES (+25.3%)	NO
43_T2_Studio_03	YES (+10.2%)	NO
43_T2_Studio_04	NO (-48.4%)	NO
43_T2_Studio_05	NO (-58.5%)	NO
43_T2_Studio_06	NO (-43.5%)	NO
43_T2_Studio_07	YES (+28.1%)	NO
44_T2_Acc_Studio_01	NO (-16.5%)	NO
44_T2_Cluster_01_Bed_01	YES (+30%)	NO
44_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
44_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
44_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
44_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
44_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
44_T2_Cluster_01_Bed_07	YES (+30%)	NO
44_T2_Cluster_02_Bed_01	YES (+11.1%)	NO
44_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
44_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
44_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
44_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
44_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
44_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
44_T2_Studio_01	YES (+21.3%)	NO
44_T2_Studio_02	YES (+25.3%)	NO
44_T2_Studio_03	YES (+10.2%)	NO
44_T2_Studio_04	NO (-48.4%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
44_T2_Studio_05	NO (-58.5%)	NO
44_T2_Studio_06	NO (-43.5%)	NO
44_T2_Studio_07	YES (+28.1%)	NO
45_T2_Acc_Studio_01	NO (-16.5%)	NO
45_T2_Cluster_01_Bed_01	YES (+30%)	NO
45_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
45_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
45_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
45_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
45_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
45_T2_Cluster_01_Bed_07	YES (+30%)	NO
45_T2_Cluster_02_Bed_01	YES (+11.1%)	NO
45_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
45_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
45_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
45_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
45_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
45_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
45_T2_Studio_01	YES (+21.3%)	NO
45_T2_Studio_02	YES (+25.3%)	NO
45_T2_Studio_03	YES (+10.2%)	NO
45_T2_Studio_04	NO (-48.4%)	NO
45_T2_Studio_05	NO (-58.5%)	NO
45_T2_Studio_06	NO (-43.5%)	NO
45_T2_Studio_07	YES (+28.1%)	NO
46_T2_Acc_Studio_01	NO (-16.5%)	NO
46_T2_Cluster_01_Bed_01	YES (+30%)	NO
46_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
46_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
46_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
46_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
46_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
46_T2_Cluster_01_Bed_07	YES (+30%)	NO
46_T2_Cluster_02_Bed_01	YES (+11.1%)	NO
46_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
46_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
46_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
46_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
46_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
46_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
46_T2_Studio_01	YES (+21.3%)	NO
46_T2_Studio_02	YES (+25.3%)	NO
46_T2_Studio_03	YES (+10.2%)	NO
46_T2_Studio_04	NO (-48.4%)	NO
46_T2_Studio_05	NO (-58.5%)	NO
46_T2_Studio_06	NO (-43.5%)	NO
46_T2_Studio_07	YES (+28.1%)	NO
47_T2_Acc_Studio_01	NO (-16.5%)	NO
47_T2_Cluster_01_Bed_01	YES (+30%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
47_T2_Cluster_01_Bed_02	YES (+30.1%)	NO
47_T2_Cluster_01_Bed_03	YES (+25.8%)	NO
47_T2_Cluster_01_Bed_04	YES (+30.9%)	NO
47_T2_Cluster_01_Bed_05	YES (+28.6%)	NO
47_T2_Cluster_01_Bed_06	YES (+25.5%)	NO
47_T2_Cluster_01_Bed_07	YES (+30%)	NO
47_T2_Cluster_02_Bed_01	YES (+11.1%)	NO
47_T2_Cluster_02_Bed_02	YES (+11.2%)	NO
47_T2_Cluster_02_Bed_03	YES (+7.5%)	NO
47_T2_Cluster_02_Bed_04	YES (+11.9%)	NO
47_T2_Cluster_02_Bed_05	YES (+9.9%)	NO
47_T2_Cluster_02_Bed_06	YES (+7.3%)	NO
47_T2_Cluster_02_Bed_07	YES (+11.1%)	NO
47_T2_Studio_01	YES (+21.3%)	NO
47_T2_Studio_02	YES (+25.3%)	NO
47_T2_Studio_03	YES (+10.2%)	NO
47_T2_Studio_04	NO (-48.4%)	NO
47_T2_Studio_05	NO (-58.5%)	NO
47_T2_Studio_06	NO (-43.5%)	NO
47_T2_Studio_07	YES (+28.1%)	NO

Regulation 25A: Consideration of high efficiency alternative energy systems

Were alternative energy systems considered and analysed as part of the design process?	YES
Is evidence of such assessment available as a separate submission?	YES
Are any such measures included in the proposed design?	NO

Technical Data Sheet (Actual vs. Notional Building)

Building Global Parameters

	Actual	Notional
Floor area [m^2]	38029.9	38029.9
External area [m^2]	22719.8	22719.8
Weather	MAN	MAN
Infiltration [m^3/hm^2@ 50Pa]	3	3
Average conductance [W/K]	12765	13324.2
Average U-value [W/m^2K]	0.56	0.59
Alpha value* [%]	5.68	10

* Percentage of the building's average heat transfer coefficient which is due to thermal bridging

Building Use

% Area	Building Type
	Retail/Financial and Professional Services
	Restaurants and Cafes/Drinking Establishments/Takeaways
	Offices and Workshop Businesses
	General Industrial and Special Industrial Groups
	Storage or Distribution
	Hotels
	Residential Institutions: Hospitals and Care Homes
	Residential Institutions: Residential Schools
100	**Residential Institutions: Universities and Colleges**
	Secure Residential Institutions
	Residential Spaces
	Non-residential Institutions: Community/Day Centre
	Non-residential Institutions: Libraries, Museums, and Galleries
	Non-residential Institutions: Education
	Non-residential Institutions: Primary Health Care Building
	Non-residential Institutions: Crown and County Courts
	General Assembly and Leisure, Night Clubs, and Theatres
	Others: Passenger Terminals
	Others: Emergency Services
	Others: Miscellaneous 24hr Activities
	Others: Car Parks 24 hrs
	Others: Stand Alone Utility Block

Energy Consumption by End Use [kWh/m^2]

	Actual	Notional
Heating	7.68	7.75
Cooling	0.21	0.07
Auxiliary	2.75	1.56
Lighting	6.29	8.62
Hot water	6.15	6.57
Equipment*	20.12	20.12
TOTAL**	**23.08**	**24.57**

* Energy used by equipment does not count towards the total for consumption or calculating emissions.
** Total is net of any electrical energy displaced by CHP generators, if applicable.

Energy Production by Technology [kWh/m^2]

	Actual	Notional
Photovoltaic systems	1.16	0.33
Wind turbines	0	0
CHP generators	0	0
Solar thermal systems	0	0
Displaced electricity	*1.16*	*0.33*

Energy & CO_2 Emissions Summary

	Actual	Notional
Heating + cooling demand [MJ/m^2]	34.1	41.64
Primary energy [kWh_{PE}/m^2]	32.88	36.31
Total emissions [kg/m^2]	3.12	3.43

HVAC Systems Performance

System Type		Heat dem MJ/m2	Cool dem MJ/m2	Heat con kWh/m2	Cool con kWh/m2	Aux con kWh/m2	Heat SSEEF	Cool SSEER	Heat gen SEFF	Cool gen SEER
[ST] Other local room heater - unfanned, [HS] Direct or storage electric heater, [HFT] Electricity, [CFT] Electricity										
	Actual	53.5	0	14.9	0	3.1	1	0	1	0
	Notional	81.5	0	16.1	0	1.9	1.41	0	----	----
[ST] Other local room heater - unfanned, [HS] Direct or storage electric heater, [HFT] Electricity, [CFT] Electricity										
	Actual	133.6	0	37.1	0	6	1	0	1	0
	Notional	135.8	0	26.7	0	11.3	1.41	0	----	----
[ST] Other local room heater - unfanned, [HS] Direct or storage electric heater, [HFT] Electricity, [CFT] Electricity										
	Actual	5	0	1.4	0	2.6	1	0	1	0
	Notional	7	0	1.4	0	2	1.41	0	----	----
[ST] Variable refrigerant flow, [HS] ASHP, [HFT] Electricity, [CFT] Electricity										
	Actual	136.7	120.6	8.1	7.2	7.8	4.71	4.63	5	7
	Notional	81.6	39.7	8.2	2.4	13.2	2.78	4.63	----	----
[ST] Split or multi-split system, [HS] ASHP, [HFT] Electricity, [CFT] Electricity										
	Actual	33.6	106.7	2.5	7	0	3.73	4.26	4	6
	Notional	44.6	47.1	4.5	2.8	0	2.78	4.63	----	----
[ST] Other local room heater - unfanned, [HS] Direct or storage electric heater, [HFT] Electricity, [CFT] Electricity										
	Actual	42	0	11.7	0	6	1	0	1	0
	Notional	54.1	0	10.7	0	2.1	1.41	0	----	----
[ST] No Heating or Cooling										
	Actual	0	0	0	0	0	0	0	0	0
	Notional	0	0	0	0	0	0	0	----	----

Key to terms

Heat dem [MJ/m2] = Heating energy demand
Cool dem [MJ/m2] = Cooling energy demand
Heat con [kWh/m2] = Heating energy consumption
Cool con [kWh/m2] = Cooling energy consumption
Aux con [kWh/m2] = Auxiliary energy consumption
Heat SSEFF = Heating system seasonal efficiency (for notional building, value depends on activity glazing class)
Cool SSEER = Cooling system seasonal energy efficiency ratio
Heat gen SSEFF = Heating generator seasonal efficiency
Cool gen SSEER = Cooling generator seasonal energy efficiency ratio
ST = System type
HS = Heat source
HFT = Heating fuel type
CFT = Cooling fuel type

BRUKL Output Document

HM Government

Compliance with England Building Regulations Part L 2021

Project name

Weston And Pendulum - Block B

As designed

Date: Sun Dec 07 16:30:34 2025

Administrative information

Building Details

Address: Manchester,

Certification tool

Calculation engine: Apache

Calculation engine version: 7.0.28

Interface to calculation engine: IES Virtual Environment

Interface to calculation engine version: 7.0.28

BRUKL compliance module version: v6.1.e.1

Certifier details

Name:

Telephone number:

Address: , ,

Foundation area [m²]: 589.27

The CO_2 emission and primary energy rates of the building must not exceed the targets

Target CO_2 emission rate (TER), $kgCO_2/m^2.annum$	3.47	
Building CO_2 emission rate (BER), $kgCO_2/m^2.annum$	3.04	
Target primary energy rate (TPER), $kWh_{PE}/m^2.annum$	36.76	
Building primary energy rate (BPER), $kWh_{PE}/m^2.annum$	32.11	
Do the building's emission and primary energy rates exceed the targets?	BER =< TER	BPER =< TPER

The performance of the building fabric and fixed building services should achieve reasonable overall standards of energy efficiency

Fabric element	$U_{a\text{-}Limit}$	$U_{a\text{-}Calc}$	$U_{i\text{-}Calc}$	First surface with maximum value
Walls*	0.26	0.14	0.24	0000000D:Surf[0]
Floors	0.18	0.1	0.1	0000001B:Surf[14]
Pitched roofs	0.16	-	-	No pitched roofs in building
Flat roofs	0.18	0.1	0.1	0000001B:Surf[15]
Windows** and roof windows	1.6	0.76	1	0000001B:Surf[3]
Rooflights***	2.2	-	-	No roof lights in building
Personnel doors^	1.6	-	-	No personnel doors in building
Vehicle access & similar large doors	1.3	-	-	No vehicle access doors in building
High usage entrance doors	3	-	-	No high usage entrance doors in building

$U_{a\text{-}Limit}$ = Limiting area-weighted average U-values [W/(m²K)] $U_{i\text{-}Calc}$ = Calculated maximum individual element U-values [W/(m²K)]

$U_{a\text{-}Calc}$ = Calculated area-weighted average U-values [W/(m²K)]

* Automatic U-value check by the tool does not apply to curtain walls whose limiting standard is similar to that for windows.

** Display windows and similar glazing are excluded from the U-value check. *** Values for rooflights refer to the horizontal position.

^ For fire doors, limiting U-value is 1.8 W/m²K

NB: Neither roof ventilators (inc. smoke vents) nor swimming pool basins are modelled or checked against the limiting standards by the tool.

Air permeability	Limiting standard	This building
$m^3/(h.m^2)$ at 50 Pa	8	2.76

Building services

For details on the standard values listed below, system-specific guidance, and additional regulatory requirements, refer to the Approved Documents.

Whole building lighting automatic monitoring & targeting with alarms for out-of-range values	YES
Whole building electric power factor achieved by power factor correction	>0.95

1- Sys 4 VRF System and MVHR

	Heating efficiency	Cooling efficiency	Radiant efficiency	SFP [W/(l/s)]	HR efficiency
This system	5	7	0	1.1	0.8
Standard value	2.5*	N/A	N/A	2^	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					NO

* Standard shown is for all types >12 kW output, except absorption and gas engine heat pumps.

^ Limiting SFP may be increased by the amounts specified in the Approved Documents if the installation includes particular components.

2- Sys 5 Split Units

	Heating efficiency	Cooling efficiency	Radiant efficiency	SFP [W/(l/s)]	HR efficiency
This system	4	6	0	-	-
Standard value	2.5*	5	N/A	N/A	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					NO

* Standard shown is for all types >12 kW output, except absorption and gas engine heat pumps.

3- Sys 3 EPH and MVHR

	Heating efficiency	Cooling efficiency	Radiant efficiency	SFP [W/(l/s)]	HR efficiency
This system	1	-	0.2	-	0.8
Standard value	N/A	N/A	N/A	N/A	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					NO

4- Sys 1 EPH and MVHR (Studio / Twodio)

	Heating efficiency	Cooling efficiency	Radiant efficiency	SFP [W/(l/s)]	HR efficiency
This system	1	-	0.2	-	0.93
Standard value	N/A	N/A	N/A	N/A	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					NO

5- Sys 2 EPH and MVHR (Cluster)

	Heating efficiency	Cooling efficiency	Radiant efficiency	SFP [W/(l/s)]	HR efficiency
This system	1	-	0.2	-	0.91
Standard value	N/A	N/A	N/A	N/A	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					NO

1- DHW

	Water heating efficiency	Storage loss factor [kWh/litre per day]
This building	3.64	0.002
Standard value	2*	N/A

* Standard shown is for all types except absorption and gas engine heat pumps.

Zone-level mechanical ventilation, exhaust, and terminal units

ID	System type in the Approved Documents
A	Local supply or extract ventilation units
B	Zonal supply system where the fan is remote from the zone
C	Zonal extract system where the fan is remote from the zone
D	Zonal balanced supply and extract ventilation system
E	Local balanced supply and extract ventilation units
F	Other local ventilation units
G	Fan assisted terminal variable air volume units
H	Fan coil units
I	Kitchen extract with the fan remote from the zone and a grease filter

NB: Limiting SFP may be increased by the amounts specified in the Approved Documents if the installation includes particular components.

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
00_Store	-	-	-	1.1	-	-	-	-	-	-	N/A
01_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T1_Cluster1_Bed_09	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T1_Cluster2_Bed_09	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
01_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
01_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Studio_10	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Studio_11	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Studio_12	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Studio_13	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Studio_14	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Studio_15	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Studio_16	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Twodio1_A	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Twodio1_B	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Twodio1_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Twodio2_A	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Twodio2_B	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Twodio2_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Twodio3_A	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Twodio3_B	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Twodio3_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Twodio4_A	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Twodio4_B	-	-	-	0.5	-	-	-	-	-	-	N/A
01_T2_Twodio4_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T1_Cluster1_Bed_09	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T1_Cluster2_Bed_09	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
01M_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
01M_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Studio_10	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Studio_11	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Studio_12	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Studio_13	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Studio_14	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Studio_15	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Studio_16	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Twodio1_A	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Twodio1_B	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Twodio1_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Twodio2_A	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Twodio2_B	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Twodio2_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Twodio3_A	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Twodio3_B	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Twodio3_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Twodio4_A	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Twodio4_B	-	-	-	0.5	-	-	-	-	-	-	N/A
01M_T2_Twodio4_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T1_Cluster1_Bed_09	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
02_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T1_Cluster2_Bed_09	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
02_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Studio_10	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Studio_11	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Studio_12	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Studio_13	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Studio_14	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Studio_15	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Studio_16	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Twodio1_A	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Twodio1_B	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Twodio1_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Twodio2_A	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Twodio2_B	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Twodio2_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Twodio3_A	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Twodio3_B	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Twodio3_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Twodio4_A	-	-	-	0.5	-	-	-	-	-	-	N/A
02_T2_Twodio4_B	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
02_T2_Twodio4_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T1_Cluster1_Bed_09	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T1_Cluster2_Bed_09	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
03_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Studio_10	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Studio_11	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Studio_12	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Studio_13	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
03_T2_Studio_14	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Studio_15	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Studio_16	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Twodio1_A	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Twodio1_B	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Twodio1_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Twodio2_A	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Twodio2_B	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Twodio2_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Twodio3_A	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Twodio3_B	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Twodio3_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Twodio4_A	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Twodio4_B	-	-	-	0.5	-	-	-	-	-	-	N/A
03_T2_Twodio4_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T1_Cluster1_Bed_09	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T1_Cluster2_Bed_09	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
04_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
04_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Studio_10	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Studio_11	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Studio_12	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Studio_13	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Studio_14	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Studio_15	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Studio_16	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Twodio1_A	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Twodio1_B	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Twodio1_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Twodio2_A	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Twodio2_B	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Twodio2_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Twodio3_A	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Twodio3_B	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Twodio3_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Twodio4_A	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Twodio4_B	-	-	-	0.5	-	-	-	-	-	-	N/A
04_T2_Twodio4_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T1_Cluster1_Bed_09	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
05_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T1_Cluster2_Bed_09	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
05_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Studio_10	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Studio_11	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Studio_12	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Studio_13	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Studio_14	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Studio_15	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Studio_16	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Twodio1_A	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Twodio1_B	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Twodio1_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Twodio2_A	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Twodio2_B	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Twodio2_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Twodio3_A	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Twodio3_B	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Twodio3_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Twodio4_A	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Twodio4_B	-	-	-	0.5	-	-	-	-	-	-	N/A
05_T2_Twodio4_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
06_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T1_Cluster1_Bed_09	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T1_Cluster2_Bed_09	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
06_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Studio_10	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Studio_11	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Twodio1_A	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Twodio1_B	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Twodio1_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
06_T2_Twodio4_A	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Twodio4_B	-	-	-	0.5	-	-	-	-	-	-	N/A
06_T2_Twodio4_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T1_Cluster1_Bed_09	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T1_Cluster2_Bed_09	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
07_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Studio_10	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Studio_11	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
07_T2_Twodio1_A	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Twodio1_B	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Twodio1_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Twodio4_A	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Twodio4_B	-	-	-	0.5	-	-	-	-	-	-	N/A
07_T2_Twodio4_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T1_Cluster1_Bed_09	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T1_Cluster2_Bed_09	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
08_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
08_T2_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Studio_10	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Studio_11	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Twodio1_A	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Twodio1_B	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Twodio1_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Twodio4_A	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Twodio4_B	-	-	-	0.5	-	-	-	-	-	-	N/A
08_T2_Twodio4_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T1_Cluster1_Bed_09	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
09_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
09_T2_Studio_10	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Studio_11	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Twodio1_A	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Twodio1_B	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Twodio1_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Twodio4_A	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Twodio4_B	-	-	-	0.5	-	-	-	-	-	-	N/A
09_T2_Twodio4_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
10_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
10_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Studio_10	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Studio_10	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Studio_11	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Twodio1_A	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Twodio1_B	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Twodio1_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Twodio4_A	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Twodio4_B	-	-	-	0.5	-	-	-	-	-	-	N/A
10_T2_Twodio4_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T1_Cluster1_Bed_11	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T1_Cluster2_Bed_11	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
11_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
11_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Studio_10	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Studio_11	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Twodio1_A	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Twodio1_B	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Twodio1_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Twodio4_A	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Twodio4_B	-	-	-	0.5	-	-	-	-	-	-	N/A
11_T2_Twodio4_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T1_Cluster1_Bed_12	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T1_Cluster2_Bed_12	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
12_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
12_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Studio_10	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Studio_11	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Twodio1_A	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Twodio1_B	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Twodio1_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Twodio4_A	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Twodio4_B	-	-	-	0.5	-	-	-	-	-	-	N/A
12_T2_Twodio4_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T1_Cluster1_Bed_13	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T1_Cluster2_Bed_13	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
13_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
13_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Studio_10	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Studio_11	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Twodio1_A	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Twodio1_B	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Twodio1_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Twodio4_A	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Twodio4_B	-	-	-	0.5	-	-	-	-	-	-	N/A
13_T2_Twodio4_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T1_Cluster1_Bed_14	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T1_Cluster2_Bed_14	-	-	-	0.9	-	-	-	-	-	-	N/A
14_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
14_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Studio_10	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Studio_11	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Twodio1_A	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Twodio1_B	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Twodio1_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Twodio4_A	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Twodio4_B	-	-	-	0.5	-	-	-	-	-	-	N/A
14_T2_Twodio4_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T1_Cluster1_Bed_15	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
15_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T1_Cluster2_Bed_15	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
15_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Studio_10	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Studio_11	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Twodio1_A	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Twodio1_B	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Twodio1_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Twodio4_A	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Twodio4_B	-	-	-	0.5	-	-	-	-	-	-	N/A
15_T2_Twodio4_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T1_Cluster1_Bed_16	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
16_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T1_Cluster2_Bed_16	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
16_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Studio_10	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Studio_11	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Twodio1_A	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Twodio1_B	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Twodio1_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Twodio4_A	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Twodio4_B	-	-	-	0.5	-	-	-	-	-	-	N/A
16_T2_Twodio4_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T1_Cluster1_Bed_17	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
17_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T1_Cluster2_Bed_17	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
17_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Studio_10	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Studio_11	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Twodio1_A	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Twodio1_B	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Twodio1_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Twodio4_A	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Twodio4_B	-	-	-	0.5	-	-	-	-	-	-	N/A
17_T2_Twodio4_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T1_Cluster1_Bed_18	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
18_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T1_Cluster2_Bed_18	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
18_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Studio_10	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Studio_11	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Twodio1_A	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Twodio1_B	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Twodio1_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Twodio4_A	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Twodio4_B	-	-	-	0.5	-	-	-	-	-	-	N/A
18_T2_Twodio4_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
19_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T1_Cluster1_Bed_19	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
19_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Studio_10	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Studio_11	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Twodio1_A	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Twodio1_B	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Twodio1_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Twodio4_A	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Twodio4_B	-	-	-	0.5	-	-	-	-	-	-	N/A
19_T2_Twodio4_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
20_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T1_Cluster1_Bed_20	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T1_Cluster2_Bed_20	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
20_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Studio_10	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Studio_11	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Twodio1_A	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Twodio1_B	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Twodio1_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Twodio4_A	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Twodio4_B	-	-	-	0.5	-	-	-	-	-	-	N/A
20_T2_Twodio4_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
21_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T1_Cluster1_Bed_21	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T1_Cluster2_Bed_21	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
21_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Studio_06	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Studio_07	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Studio_08	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Studio_09	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Studio_10	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Studio_11	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Twodio1_A	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Twodio1_B	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Twodio1_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Twodio4_A	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Twodio4_B	-	-	-	0.5	-	-	-	-	-	-	N/A
21_T2_Twodio4_Kitchen	-	-	-	0.5	-	-	-	-	-	-	N/A
22_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
22_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
22_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T1_Cluster1_Bed_22	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T1_Cluster2_Bed_22	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
22_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
22_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
22_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
22_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
22_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
23_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
23_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T1_Cluster1_Bed_23	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
23_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T1_Cluster2_Bed_23	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
23_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
23_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
23_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
23_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
23_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
24_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
24_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T1_Cluster1_Bed_24	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T1_Cluster2_Bed_24	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
24_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
24_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
24_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
24_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
24_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
25_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
25_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
25_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T1_Cluster1_Bed_25	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T1_Cluster2_Bed_25	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
25_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
25_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
25_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
25_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
25_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
26_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
26_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T1_Cluster1_Bed_26	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
26_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T1_Cluster2_Bed_26	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
26_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
26_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
26_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
26_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
26_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
27_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
27_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T1_Cluster1_Bed_27	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T1_Cluster2_Bed_27	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
27_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
27_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
27_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
27_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
27_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
28_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
28_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
28_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T1_Cluster1_Bed_28	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T1_Cluster2_Bed_28	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
28_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
28_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
28_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
28_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
28_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
29_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
29_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T1_Cluster1_Bed_29	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
29_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
29_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
29_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
29_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
29_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A
30_T1_Acc_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
30_T1_Cluster1_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T1_Cluster1_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T1_Cluster1_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T1_Cluster1_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T1_Cluster1_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T1_Cluster1_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T1_Cluster1_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T1_Cluster1_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T1_Cluster1_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T1_Cluster1_Bed_30	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T1_Cluster1_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T1_Cluster2_Bed_01	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T1_Cluster2_Bed_02	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T1_Cluster2_Bed_03	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T1_Cluster2_Bed_04	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T1_Cluster2_Bed_05	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T1_Cluster2_Bed_06	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T1_Cluster2_Bed_07	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T1_Cluster2_Bed_08	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T1_Cluster2_Bed_10	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T1_Cluster2_Bed_30	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T1_Cluster2_Kitchen	-	-	-	0.9	-	-	-	-	-	-	N/A
30_T1_Studio_01	-	-	-	0.5	-	-	-	-	-	-	N/A
30_T1_Studio_02	-	-	-	0.5	-	-	-	-	-	-	N/A
30_T1_Studio_03	-	-	-	0.5	-	-	-	-	-	-	N/A
30_T1_Studio_04	-	-	-	0.5	-	-	-	-	-	-	N/A
30_T1_Studio_05	-	-	-	0.5	-	-	-	-	-	-	N/A

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
00_Amenity_01	110	-	-
00_Amenity_02	110	-	-
00_Amenity_03	110	-	-
00_Bike_Store	135	-	-
00_Bin_Store	135	-	-
00_Bin_Store	135	-	-
00_Comms	120	-	-
00_Corridor_01	138	-	-
00_Corridor_02	138	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
00_Corridor_03	138	-	-
00_Corridor_04	138	-	-
00_Corridor_05	138	-	-
00_Corridor_06	138	-	-
00_Fire_Lobby_01	138	-	-
00_Fire_Lobby_02	138	-	-
00_Fire_Lobby_03	138	-	-
00_Fire_Lobby_04	138	-	-
00_Generator	135	-	-
00_Lift_Lobby_01	138	-	-
00_Lift_Lobby_02	138	-	-
00_Lift_Lobby_03	138	-	-
00_Lift_Lobby_04	138	-	-
00_Plant	135	-	-
00_Plant_Cold_Water	135	-	-
00_Plant_Substation	135	-	-
00_Plant_Switchroom	135	-	-
00_Stair_01	185	-	-
00_Stair_02	185	-	-
00_Stair_03	185	-	-
00_Stair_04	185	-	-
00_Store	120	-	-
00_Switchroom	135	-	-
01_T1_Acc_Studio_01	140	-	-
01_T1_Acc_Studio_01_Ensuite	133	-	-
01_T1_Cluster1_Bed_01	140	-	-
01_T1_Cluster1_Bed_01_Ensuite	133	-	-
01_T1_Cluster1_Bed_02	140	-	-
01_T1_Cluster1_Bed_02_Ensuite	133	-	-
01_T1_Cluster1_Bed_03	140	-	-
01_T1_Cluster1_Bed_03_Ensuite	133	-	-
01_T1_Cluster1_Bed_04	140	-	-
01_T1_Cluster1_Bed_04_Ensuite	133	-	-
01_T1_Cluster1_Bed_05	140	-	-
01_T1_Cluster1_Bed_05_Ensuite	133	-	-
01_T1_Cluster1_Bed_06	140	-	-
01_T1_Cluster1_Bed_06_Ensuite	133	-	-
01_T1_Cluster1_Bed_07	140	-	-
01_T1_Cluster1_Bed_07_Ensuite	133	-	-
01_T1_Cluster1_Bed_08	140	-	-
01_T1_Cluster1_Bed_08_Ensuite	133	-	-
01_T1_Cluster1_Bed_09	140	-	-
01_T1_Cluster1_Bed_09_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
01_T1_Cluster1_Bed_10	140	-	-
01_T1_Cluster1_Bed_10_Ensuite	133	-	-
01_T1_Cluster1_Corridor_01	138	-	-
01_T1_Cluster1_Corridor_02	138	-	-
01_T1_Cluster1_Kitchen	115	-	-
01_T1_Cluster2_Bed_01	140	-	-
01_T1_Cluster2_Bed_01_Ensuite	133	-	-
01_T1_Cluster2_Bed_02	140	-	-
01_T1_Cluster2_Bed_02_Ensuite	133	-	-
01_T1_Cluster2_Bed_03	140	-	-
01_T1_Cluster2_Bed_03_Ensuite	133	-	-
01_T1_Cluster2_Bed_04	140	-	-
01_T1_Cluster2_Bed_04_Ensuite	133	-	-
01_T1_Cluster2_Bed_05	140	-	-
01_T1_Cluster2_Bed_05_Ensuite	133	-	-
01_T1_Cluster2_Bed_06	140	-	-
01_T1_Cluster2_Bed_06_Ensuite	133	-	-
01_T1_Cluster2_Bed_07	140	-	-
01_T1_Cluster2_Bed_07_Ensuite	133	-	-
01_T1_Cluster2_Bed_08	140	-	-
01_T1_Cluster2_Bed_08_Ensuite	133	-	-
01_T1_Cluster2_Bed_09	140	-	-
01_T1_Cluster2_Bed_09_Ensuite	133	-	-
01_T1_Cluster2_Bed_10	140	-	-
01_T1_Cluster2_Bed_10_Ensuite	133	-	-
01_T1_Cluster2_Corridor_01	138	-	-
01_T1_Cluster2_Corridor_02	138	-	-
01_T1_Cluster2_Kitchen	115	-	-
01_T1_Corridor_01	138	-	-
01_T1_Corridor_02	138	-	-
01_T1_Lift_Lobby_01	138	-	-
01_T1_Lift_Lobby_02	138	-	-
01_T1_Stair_01	185	-	-
01_T1_Stair_02	185	-	-
01_T1_Studio_01	140	-	-
01_T1_Studio_01_Ensuite	133	-	-
01_T1_Studio_02	140	-	-
01_T1_Studio_02_Ensuite	133	-	-
01_T1_Studio_03	140	-	-
01_T1_Studio_03_Ensuite	133	-	-
01_T1_Studio_04	140	-	-
01_T1_Studio_04_Ensuite	133	-	-
01_T1_Studio_05	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
01_T1_Studio_05_Ensuite	133	-	-
01_T2_Acc_Studio_01	140	-	-
01_T2_Acc_Studio_01_Ensuite	133	-	-
01_T2_Amenity	110	-	-
01_T2_Corridor_01	138	-	-
01_T2_Corridor_02	138	-	-
01_T2_Corridor_03	138	-	-
01_T2_Lift_Lobby_01	138	-	-
01_T2_Lift_Lobby_02	138	-	-
01_T2_Stair_01	185	-	-
01_T2_Stair_02	185	-	-
01_T2_Studio_07	140	-	-
01_T2_Studio_07_Ensuite	133	-	-
01_T2_Studio_08	140	-	-
01_T2_Studio_08_Ensuite	133	-	-
01_T2_Studio_09	140	-	-
01_T2_Studio_09_Ensuite	133	-	-
01_T2_Studio_10	140	-	-
01_T2_Studio_10_Ensuite	133	-	-
01_T2_Studio_11	140	-	-
01_T2_Studio_11_Ensuite	133	-	-
01_T2_Studio_12	140	-	-
01_T2_Studio_12_Ensuite	133	-	-
01_T2_Studio_13	140	-	-
01_T2_Studio_13_Ensuite	133	-	-
01_T2_Studio_14	140	-	-
01_T2_Studio_14_Ensuite	133	-	-
01_T2_Studio_15	140	-	-
01_T2_Studio_15_Ensuite	133	-	-
01_T2_Studio_16	140	-	-
01_T2_Studio_16_Ensuite	133	-	-
01_T2_Twodio1_A	140	-	-
01_T2_Twodio1_A_Ensuite	133	-	-
01_T2_Twodio1_B	140	-	-
01_T2_Twodio1_B_Ensuite	133	-	-
01_T2_Twodio1_Kitchen	115	-	-
01_T2_Twodio2_A	140	-	-
01_T2_Twodio2_A_Ensuite	133	-	-
01_T2_Twodio2_B	140	-	-
01_T2_Twodio2_B_Ensuite	133	-	-
01_T2_Twodio2_Kitchen	115	-	-
01_T2_Twodio3_A	140	-	-
01_T2_Twodio3_A_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
01_T2_Twodio3_B	140	-	-
01_T2_Twodio3_B_Ensuite	133	-	-
01_T2_Twodio3_Kitchen	115	-	-
01_T2_Twodio4_A	140	-	-
01_T2_Twodio4_A_Ensuite	133	-	-
01_T2_Twodio4_B	140	-	-
01_T2_Twodio4_B_Ensuite	133	-	-
01_T2_Twodio4_Kitchen	115	-	-
01M_T1_Acc_Studio_01	140	-	-
01M_T1_Acc_Studio_01_Ensuite	133	-	-
01M_T1_Cluster1_Bed_01	140	-	-
01M_T1_Cluster1_Bed_01_Ensuite	133	-	-
01M_T1_Cluster1_Bed_02	140	-	-
01M_T1_Cluster1_Bed_02_Ensuite	133	-	-
01M_T1_Cluster1_Bed_03	140	-	-
01M_T1_Cluster1_Bed_03_Ensuite	133	-	-
01M_T1_Cluster1_Bed_04	140	-	-
01M_T1_Cluster1_Bed_04_Ensuite	133	-	-
01M_T1_Cluster1_Bed_05	140	-	-
01M_T1_Cluster1_Bed_05_Ensuite	133	-	-
01M_T1_Cluster1_Bed_06	140	-	-
01M_T1_Cluster1_Bed_06_Ensuite	133	-	-
01M_T1_Cluster1_Bed_07	140	-	-
01M_T1_Cluster1_Bed_07_Ensuite	133	-	-
01M_T1_Cluster1_Bed_08	140	-	-
01M_T1_Cluster1_Bed_08_Ensuite	133	-	-
01M_T1_Cluster1_Bed_09	140	-	-
01M_T1_Cluster1_Bed_09_Ensuite	133	-	-
01M_T1_Cluster1_Bed_10	140	-	-
01M_T1_Cluster1_Bed_10_Ensuite	133	-	-
01M_T1_Cluster1_Corridor_01	138	-	-
01M_T1_Cluster1_Corridor_02	138	-	-
01M_T1_Cluster1_Kitchen	115	-	-
01M_T1_Cluster2_Bed_01	140	-	-
01M_T1_Cluster2_Bed_01_Ensuite	133	-	-
01M_T1_Cluster2_Bed_02	140	-	-
01M_T1_Cluster2_Bed_02_Ensuite	133	-	-
01M_T1_Cluster2_Bed_03	140	-	-
01M_T1_Cluster2_Bed_03_Ensuite	133	-	-
01M_T1_Cluster2_Bed_04	140	-	-
01M_T1_Cluster2_Bed_04_Ensuite	133	-	-
01M_T1_Cluster2_Bed_05	140	-	-
01M_T1_Cluster2_Bed_05_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
01M_T1_Cluster2_Bed_06	140	-	-
01M_T1_Cluster2_Bed_06_Ensuite	133	-	-
01M_T1_Cluster2_Bed_07	140	-	-
01M_T1_Cluster2_Bed_07_Ensuite	133	-	-
01M_T1_Cluster2_Bed_08	140	-	-
01M_T1_Cluster2_Bed_08_Ensuite	133	-	-
01M_T1_Cluster2_Bed_09	140	-	-
01M_T1_Cluster2_Bed_09_Ensuite	133	-	-
01M_T1_Cluster2_Bed_10	140	-	-
01M_T1_Cluster2_Bed_10_Ensuite	133	-	-
01M_T1_Cluster2_Corridor_01	138	-	-
01M_T1_Cluster2_Corridor_02	138	-	-
01M_T1_Cluster2_Kitchen	115	-	-
01M_T1_Corridor_01	138	-	-
01M_T1_Corridor_02	138	-	-
01M_T1_Lift_Lobby_01	138	-	-
01M_T1_Lift_Lobby_02	138	-	-
01M_T1_Stair_01	185	-	-
01M_T1_Stair_02	185	-	-
01M_T1_Studio_01	140	-	-
01M_T1_Studio_01_Ensuite	133	-	-
01M_T1_Studio_02	140	-	-
01M_T1_Studio_02_Ensuite	133	-	-
01M_T1_Studio_03	140	-	-
01M_T1_Studio_03_Ensuite	133	-	-
01M_T1_Studio_04	140	-	-
01M_T1_Studio_04_Ensuite	133	-	-
01M_T1_Studio_05	140	-	-
01M_T1_Studio_05_Ensuite	133	-	-
01M_T2_Acc_Studio_01	140	-	-
01M_T2_Acc_Studio_01_Ensuite	133	-	-
01M_T2_Amenity	110	-	-
01M_T2_Corridor_01	138	-	-
01M_T2_Corridor_02	138	-	-
01M_T2_Corridor_03	138	-	-
01M_T2_Lift_Lobby_01	138	-	-
01M_T2_Lift_Lobby_02	138	-	-
01M_T2_Stair_01	185	-	-
01M_T2_Stair_02	185	-	-
01M_T2_Studio_07	140	-	-
01M_T2_Studio_07_Ensuite	133	-	-
01M_T2_Studio_08	140	-	-
01M_T2_Studio_08_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
01M_T2_Studio_09	140	-	-
01M_T2_Studio_09_Ensuite	133	-	-
01M_T2_Studio_10	140	-	-
01M_T2_Studio_10_Ensuite	133	-	-
01M_T2_Studio_11	140	-	-
01M_T2_Studio_11_Ensuite	133	-	-
01M_T2_Studio_12	140	-	-
01M_T2_Studio_12_Ensuite	133	-	-
01M_T2_Studio_13	140	-	-
01M_T2_Studio_13_Ensuite	133	-	-
01M_T2_Studio_14	140	-	-
01M_T2_Studio_14_Ensuite	133	-	-
01M_T2_Studio_15	140	-	-
01M_T2_Studio_15_Ensuite	133	-	-
01M_T2_Studio_16	140	-	-
01M_T2_Studio_16_Ensuite	133	-	-
01M_T2_Twodio1_A	140	-	-
01M_T2_Twodio1_A_Ensuite	133	-	-
01M_T2_Twodio1_B	140	-	-
01M_T2_Twodio1_B_Ensuite	133	-	-
01M_T2_Twodio1_Kitchen	115	-	-
01M_T2_Twodio2_A	140	-	-
01M_T2_Twodio2_A_Ensuite	133	-	-
01M_T2_Twodio2_B	140	-	-
01M_T2_Twodio2_B_Ensuite	133	-	-
01M_T2_Twodio2_Kitchen	115	-	-
01M_T2_Twodio3_A	140	-	-
01M_T2_Twodio3_A_Ensuite	133	-	-
01M_T2_Twodio3_B	140	-	-
01M_T2_Twodio3_B_Ensuite	133	-	-
01M_T2_Twodio3_Kitchen	115	-	-
01M_T2_Twodio4_A	140	-	-
01M_T2_Twodio4_A_Ensuite	133	-	-
01M_T2_Twodio4_B	140	-	-
01M_T2_Twodio4_B_Ensuite	133	-	-
01M_T2_Twodio4_Kitchen	115	-	-
02_T1_Acc_Studio_01	140	-	-
02_T1_Acc_Studio_01_Ensuite	133	-	-
02_T1_Cluster1_Bed_01	140	-	-
02_T1_Cluster1_Bed_01_Ensuite	133	-	-
02_T1_Cluster1_Bed_02	140	-	-
02_T1_Cluster1_Bed_02_Ensuite	133	-	-
02_T1_Cluster1_Bed_03	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
02_T1_Cluster1_Bed_03_Ensuite	133	-	-
02_T1_Cluster1_Bed_04	140	-	-
02_T1_Cluster1_Bed_04_Ensuite	133	-	-
02_T1_Cluster1_Bed_05	140	-	-
02_T1_Cluster1_Bed_05_Ensuite	133	-	-
02_T1_Cluster1_Bed_06	140	-	-
02_T1_Cluster1_Bed_06_Ensuite	133	-	-
02_T1_Cluster1_Bed_07	140	-	-
02_T1_Cluster1_Bed_07_Ensuite	133	-	-
02_T1_Cluster1_Bed_08	140	-	-
02_T1_Cluster1_Bed_08_Ensuite	133	-	-
02_T1_Cluster1_Bed_09	140	-	-
02_T1_Cluster1_Bed_09_Ensuite	133	-	-
02_T1_Cluster1_Bed_10	140	-	-
02_T1_Cluster1_Bed_10_Ensuite	133	-	-
02_T1_Cluster1_Corridor_01	138	-	-
02_T1_Cluster1_Corridor_02	138	-	-
02_T1_Cluster1_Kitchen	115	-	-
02_T1_Cluster2_Bed_01	140	-	-
02_T1_Cluster2_Bed_01_Ensuite	133	-	-
02_T1_Cluster2_Bed_02	140	-	-
02_T1_Cluster2_Bed_02_Ensuite	133	-	-
02_T1_Cluster2_Bed_03	140	-	-
02_T1_Cluster2_Bed_03_Ensuite	133	-	-
02_T1_Cluster2_Bed_04	140	-	-
02_T1_Cluster2_Bed_04_Ensuite	133	-	-
02_T1_Cluster2_Bed_05	140	-	-
02_T1_Cluster2_Bed_05_Ensuite	133	-	-
02_T1_Cluster2_Bed_06	140	-	-
02_T1_Cluster2_Bed_06_Ensuite	133	-	-
02_T1_Cluster2_Bed_07	140	-	-
02_T1_Cluster2_Bed_07_Ensuite	133	-	-
02_T1_Cluster2_Bed_08	140	-	-
02_T1_Cluster2_Bed_08_Ensuite	133	-	-
02_T1_Cluster2_Bed_09	140	-	-
02_T1_Cluster2_Bed_09_Ensuite	133	-	-
02_T1_Cluster2_Bed_10	140	-	-
02_T1_Cluster2_Bed_10_Ensuite	133	-	-
02_T1_Cluster2_Corridor_01	138	-	-
02_T1_Cluster2_Corridor_02	138	-	-
02_T1_Cluster2_Kitchen	115	-	-
02_T1_Corridor_01	138	-	-
02_T1_Corridor_02	138	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
02_T1_Lift_Lobby_01	138	-	-
02_T1_Lift_Lobby_02	138	-	-
02_T1_Stair_01	185	-	-
02_T1_Stair_02	185	-	-
02_T1_Studio_01	140	-	-
02_T1_Studio_01_Ensuite	133	-	-
02_T1_Studio_02	140	-	-
02_T1_Studio_02_Ensuite	133	-	-
02_T1_Studio_03	140	-	-
02_T1_Studio_03_Ensuite	133	-	-
02_T1_Studio_04	140	-	-
02_T1_Studio_04_Ensuite	133	-	-
02_T1_Studio_05	140	-	-
02_T1_Studio_05_Ensuite	133	-	-
02_T2_Acc_Studio_01	140	-	-
02_T2_Acc_Studio_01_Ensuite	133	-	-
02_T2_Corridor_01	138	-	-
02_T2_Corridor_02	138	-	-
02_T2_Corridor_03	138	-	-
02_T2_Lift_Lobby_01	138	-	-
02_T2_Lift_Lobby_02	138	-	-
02_T2_Stair_01	185	-	-
02_T2_Stair_02	185	-	-
02_T2_Studio_01	140	-	-
02_T2_Studio_01_Ensuite	133	-	-
02_T2_Studio_02	140	-	-
02_T2_Studio_02_Ensuite	133	-	-
02_T2_Studio_03	140	-	-
02_T2_Studio_03_Ensuite	133	-	-
02_T2_Studio_04	140	-	-
02_T2_Studio_04_Ensuite	133	-	-
02_T2_Studio_05	140	-	-
02_T2_Studio_05_Ensuite	133	-	-
02_T2_Studio_06	140	-	-
02_T2_Studio_06_Ensuite	133	-	-
02_T2_Studio_07	140	-	-
02_T2_Studio_07_Ensuite	133	-	-
02_T2_Studio_08	140	-	-
02_T2_Studio_08_Ensuite	133	-	-
02_T2_Studio_09	140	-	-
02_T2_Studio_09_Ensuite	133	-	-
02_T2_Studio_10	140	-	-
02_T2_Studio_10_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
02_T2_Studio_11	140	-	-
02_T2_Studio_11_Ensuite	133	-	-
02_T2_Studio_12	140	-	-
02_T2_Studio_12_Ensuite	133	-	-
02_T2_Studio_13	140	-	-
02_T2_Studio_13_Ensuite	133	-	-
02_T2_Studio_14	140	-	-
02_T2_Studio_14_Ensuite	133	-	-
02_T2_Studio_15	140	-	-
02_T2_Studio_15_Ensuite	133	-	-
02_T2_Studio_16	140	-	-
02_T2_Studio_16_Ensuite	133	-	-
02_T2_Twodio1_A	140	-	-
02_T2_Twodio1_A_Ensuite	133	-	-
02_T2_Twodio1_B	140	-	-
02_T2_Twodio1_B_Ensuite	133	-	-
02_T2_Twodio1_Kitchen	115	-	-
02_T2_Twodio2_A	140	-	-
02_T2_Twodio2_A_Ensuite	133	-	-
02_T2_Twodio2_B	140	-	-
02_T2_Twodio2_B_Ensuite	133	-	-
02_T2_Twodio2_Kitchen	115	-	-
02_T2_Twodio3_A	140	-	-
02_T2_Twodio3_A_Ensuite	133	-	-
02_T2_Twodio3_B	140	-	-
02_T2_Twodio3_B_Ensuite	133	-	-
02_T2_Twodio3_Kitchen	115	-	-
02_T2_Twodio4_A	140	-	-
02_T2_Twodio4_A_Ensuite	133	-	-
02_T2_Twodio4_B	140	-	-
02_T2_Twodio4_B_Ensuite	133	-	-
02_T2_Twodio4_Kitchen	115	-	-
03_T1_Acc_Studio_01	140	-	-
03_T1_Acc_Studio_01_Ensuite	133	-	-
03_T1_Cluster1_Bed_01	140	-	-
03_T1_Cluster1_Bed_01_Ensuite	133	-	-
03_T1_Cluster1_Bed_02	140	-	-
03_T1_Cluster1_Bed_02_Ensuite	133	-	-
03_T1_Cluster1_Bed_03	140	-	-
03_T1_Cluster1_Bed_03_Ensuite	133	-	-
03_T1_Cluster1_Bed_04	140	-	-
03_T1_Cluster1_Bed_04_Ensuite	133	-	-
03_T1_Cluster1_Bed_05	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
03_T1_Cluster1_Bed_05_Ensuite	133	-	-
03_T1_Cluster1_Bed_06	140	-	-
03_T1_Cluster1_Bed_06_Ensuite	133	-	-
03_T1_Cluster1_Bed_07	140	-	-
03_T1_Cluster1_Bed_07_Ensuite	133	-	-
03_T1_Cluster1_Bed_08	140	-	-
03_T1_Cluster1_Bed_08_Ensuite	133	-	-
03_T1_Cluster1_Bed_09	140	-	-
03_T1_Cluster1_Bed_09_Ensuite	133	-	-
03_T1_Cluster1_Bed_10	140	-	-
03_T1_Cluster1_Bed_10_Ensuite	133	-	-
03_T1_Cluster1_Corridor_01	138	-	-
03_T1_Cluster1_Corridor_02	138	-	-
03_T1_Cluster1_Kitchen	115	-	-
03_T1_Cluster2_Bed_01	140	-	-
03_T1_Cluster2_Bed_01_Ensuite	133	-	-
03_T1_Cluster2_Bed_02	140	-	-
03_T1_Cluster2_Bed_02_Ensuite	133	-	-
03_T1_Cluster2_Bed_03	140	-	-
03_T1_Cluster2_Bed_03_Ensuite	133	-	-
03_T1_Cluster2_Bed_04	140	-	-
03_T1_Cluster2_Bed_04_Ensuite	133	-	-
03_T1_Cluster2_Bed_05	140	-	-
03_T1_Cluster2_Bed_05_Ensuite	133	-	-
03_T1_Cluster2_Bed_06	140	-	-
03_T1_Cluster2_Bed_06_Ensuite	133	-	-
03_T1_Cluster2_Bed_07	140	-	-
03_T1_Cluster2_Bed_07_Ensuite	133	-	-
03_T1_Cluster2_Bed_08	140	-	-
03_T1_Cluster2_Bed_08_Ensuite	133	-	-
03_T1_Cluster2_Bed_09	140	-	-
03_T1_Cluster2_Bed_09_Ensuite	133	-	-
03_T1_Cluster2_Bed_10	140	-	-
03_T1_Cluster2_Bed_10_Ensuite	133	-	-
03_T1_Cluster2_Corridor_01	138	-	-
03_T1_Cluster2_Corridor_02	138	-	-
03_T1_Cluster2_Kitchen	115	-	-
03_T1_Corridor_01	138	-	-
03_T1_Corridor_02	138	-	-
03_T1_Lift_Lobby_01	138	-	-
03_T1_Lift_Lobby_02	138	-	-
03_T1_Stair_01	185	-	-
03_T1_Stair_02	185	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
03_T1_Studio_01	140	-	-
03_T1_Studio_01_Ensuite	133	-	-
03_T1_Studio_02	140	-	-
03_T1_Studio_02_Ensuite	133	-	-
03_T1_Studio_03	140	-	-
03_T1_Studio_03_Ensuite	133	-	-
03_T1_Studio_04	140	-	-
03_T1_Studio_04_Ensuite	133	-	-
03_T1_Studio_05	140	-	-
03_T1_Studio_05_Ensuite	133	-	-
03_T2_Acc_Studio_01	140	-	-
03_T2_Acc_Studio_01_Ensuite	133	-	-
03_T2_Corridor_01	138	-	-
03_T2_Corridor_02	138	-	-
03_T2_Corridor_03	138	-	-
03_T2_Lift_Lobby_01	138	-	-
03_T2_Lift_Lobby_02	138	-	-
03_T2_Stair_01	185	-	-
03_T2_Stair_02	185	-	-
03_T2_Studio_01	140	-	-
03_T2_Studio_01_Ensuite	133	-	-
03_T2_Studio_02	140	-	-
03_T2_Studio_02_Ensuite	133	-	-
03_T2_Studio_03	140	-	-
03_T2_Studio_03_Ensuite	133	-	-
03_T2_Studio_04	140	-	-
03_T2_Studio_04_Ensuite	133	-	-
03_T2_Studio_05	140	-	-
03_T2_Studio_05_Ensuite	133	-	-
03_T2_Studio_06	140	-	-
03_T2_Studio_06_Ensuite	133	-	-
03_T2_Studio_07	140	-	-
03_T2_Studio_07_Ensuite	133	-	-
03_T2_Studio_08	140	-	-
03_T2_Studio_08_Ensuite	133	-	-
03_T2_Studio_09	140	-	-
03_T2_Studio_09_Ensuite	133	-	-
03_T2_Studio_10	140	-	-
03_T2_Studio_10_Ensuite	133	-	-
03_T2_Studio_11	140	-	-
03_T2_Studio_11_Ensuite	133	-	-
03_T2_Studio_12	140	-	-
03_T2_Studio_12_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
03_T2_Studio_13	140	-	-
03_T2_Studio_13_Ensuite	133	-	-
03_T2_Studio_14	140	-	-
03_T2_Studio_14_Ensuite	133	-	-
03_T2_Studio_15	140	-	-
03_T2_Studio_15_Ensuite	133	-	-
03_T2_Studio_16	140	-	-
03_T2_Studio_16_Ensuite	133	-	-
03_T2_Twodio1_A	140	-	-
03_T2_Twodio1_A_Ensuite	133	-	-
03_T2_Twodio1_B	140	-	-
03_T2_Twodio1_B_Ensuite	133	-	-
03_T2_Twodio1_Kitchen	115	-	-
03_T2_Twodio2_A	140	-	-
03_T2_Twodio2_A_Ensuite	133	-	-
03_T2_Twodio2_B	140	-	-
03_T2_Twodio2_B_Ensuite	133	-	-
03_T2_Twodio2_Kitchen	115	-	-
03_T2_Twodio3_A	140	-	-
03_T2_Twodio3_A_Ensuite	133	-	-
03_T2_Twodio3_B	140	-	-
03_T2_Twodio3_B_Ensuite	133	-	-
03_T2_Twodio3_Kitchen	115	-	-
03_T2_Twodio4_A	140	-	-
03_T2_Twodio4_A_Ensuite	133	-	-
03_T2_Twodio4_B	140	-	-
03_T2_Twodio4_B_Ensuite	133	-	-
03_T2_Twodio4_Kitchen	115	-	-
04_T1_Acc_Studio_01	140	-	-
04_T1_Acc_Studio_01_Ensuite	133	-	-
04_T1_Cluster1_Bed_01	140	-	-
04_T1_Cluster1_Bed_01_Ensuite	133	-	-
04_T1_Cluster1_Bed_02	140	-	-
04_T1_Cluster1_Bed_02_Ensuite	133	-	-
04_T1_Cluster1_Bed_03	140	-	-
04_T1_Cluster1_Bed_03_Ensuite	133	-	-
04_T1_Cluster1_Bed_04	140	-	-
04_T1_Cluster1_Bed_04_Ensuite	133	-	-
04_T1_Cluster1_Bed_05	140	-	-
04_T1_Cluster1_Bed_05_Ensuite	133	-	-
04_T1_Cluster1_Bed_06	140	-	-
04_T1_Cluster1_Bed_06_Ensuite	133	-	-
04_T1_Cluster1_Bed_07	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
04_T1_Cluster1_Bed_07_Ensuite	133	-	-
04_T1_Cluster1_Bed_08	140	-	-
04_T1_Cluster1_Bed_08_Ensuite	133	-	-
04_T1_Cluster1_Bed_09	140	-	-
04_T1_Cluster1_Bed_09_Ensuite	133	-	-
04_T1_Cluster1_Bed_10	140	-	-
04_T1_Cluster1_Bed_10_Ensuite	133	-	-
04_T1_Cluster1_Corridor_01	138	-	-
04_T1_Cluster1_Corridor_02	138	-	-
04_T1_Cluster1_Kitchen	115	-	-
04_T1_Cluster2_Bed_01	140	-	-
04_T1_Cluster2_Bed_01_Ensuite	133	-	-
04_T1_Cluster2_Bed_02	140	-	-
04_T1_Cluster2_Bed_02_Ensuite	133	-	-
04_T1_Cluster2_Bed_03	140	-	-
04_T1_Cluster2_Bed_03_Ensuite	133	-	-
04_T1_Cluster2_Bed_04	140	-	-
04_T1_Cluster2_Bed_04_Ensuite	133	-	-
04_T1_Cluster2_Bed_05	140	-	-
04_T1_Cluster2_Bed_05_Ensuite	133	-	-
04_T1_Cluster2_Bed_06	140	-	-
04_T1_Cluster2_Bed_06_Ensuite	133	-	-
04_T1_Cluster2_Bed_07	140	-	-
04_T1_Cluster2_Bed_07_Ensuite	133	-	-
04_T1_Cluster2_Bed_08	140	-	-
04_T1_Cluster2_Bed_08_Ensuite	133	-	-
04_T1_Cluster2_Bed_09	140	-	-
04_T1_Cluster2_Bed_09_Ensuite	133	-	-
04_T1_Cluster2_Bed_10	140	-	-
04_T1_Cluster2_Bed_10_Ensuite	133	-	-
04_T1_Cluster2_Corridor_01	138	-	-
04_T1_Cluster2_Corridor_02	138	-	-
04_T1_Cluster2_Kitchen	115	-	-
04_T1_Corridor_01	138	-	-
04_T1_Corridor_02	138	-	-
04_T1_Lift_Lobby_01	138	-	-
04_T1_Lift_Lobby_02	138	-	-
04_T1_Stair_01	185	-	-
04_T1_Stair_02	185	-	-
04_T1_Studio_01	140	-	-
04_T1_Studio_01_Ensuite	133	-	-
04_T1_Studio_02	140	-	-
04_T1_Studio_02_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
04_T1_Studio_03	140	-	-
04_T1_Studio_03_Ensuite	133	-	-
04_T1_Studio_04	140	-	-
04_T1_Studio_04_Ensuite	133	-	-
04_T1_Studio_05	140	-	-
04_T1_Studio_05_Ensuite	133	-	-
04_T2_Acc_Studio_01	140	-	-
04_T2_Acc_Studio_01_Ensuite	133	-	-
04_T2_Corridor_01	138	-	-
04_T2_Corridor_02	138	-	-
04_T2_Corridor_03	138	-	-
04_T2_Lift_Lobby_01	138	-	-
04_T2_Lift_Lobby_02	138	-	-
04_T2_Stair_01	185	-	-
04_T2_Stair_02	185	-	-
04_T2_Studio_01	140	-	-
04_T2_Studio_01_Ensuite	133	-	-
04_T2_Studio_02	140	-	-
04_T2_Studio_02_Ensuite	133	-	-
04_T2_Studio_03	140	-	-
04_T2_Studio_03_Ensuite	133	-	-
04_T2_Studio_04	140	-	-
04_T2_Studio_04_Ensuite	133	-	-
04_T2_Studio_05	140	-	-
04_T2_Studio_05_Ensuite	133	-	-
04_T2_Studio_06	140	-	-
04_T2_Studio_06_Ensuite	133	-	-
04_T2_Studio_07	140	-	-
04_T2_Studio_07_Ensuite	133	-	-
04_T2_Studio_08	140	-	-
04_T2_Studio_08_Ensuite	133	-	-
04_T2_Studio_09	140	-	-
04_T2_Studio_09_Ensuite	133	-	-
04_T2_Studio_10	140	-	-
04_T2_Studio_10_Ensuite	133	-	-
04_T2_Studio_11	140	-	-
04_T2_Studio_11_Ensuite	133	-	-
04_T2_Studio_12	140	-	-
04_T2_Studio_12_Ensuite	133	-	-
04_T2_Studio_13	140	-	-
04_T2_Studio_13_Ensuite	133	-	-
04_T2_Studio_14	140	-	-
04_T2_Studio_14_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
04_T2_Studio_15	140	-	-
04_T2_Studio_15_Ensuite	133	-	-
04_T2_Studio_16	140	-	-
04_T2_Studio_16_Ensuite	133	-	-
04_T2_Twodio1_A	140	-	-
04_T2_Twodio1_A_Ensuite	133	-	-
04_T2_Twodio1_B	140	-	-
04_T2_Twodio1_B_Ensuite	133	-	-
04_T2_Twodio1_Kitchen	115	-	-
04_T2_Twodio2_A	140	-	-
04_T2_Twodio2_A_Ensuite	133	-	-
04_T2_Twodio2_B	140	-	-
04_T2_Twodio2_B_Ensuite	133	-	-
04_T2_Twodio2_Kitchen	115	-	-
04_T2_Twodio3_A	140	-	-
04_T2_Twodio3_A_Ensuite	133	-	-
04_T2_Twodio3_B	140	-	-
04_T2_Twodio3_B_Ensuite	133	-	-
04_T2_Twodio3_Kitchen	115	-	-
04_T2_Twodio4_A	140	-	-
04_T2_Twodio4_A_Ensuite	133	-	-
04_T2_Twodio4_B	140	-	-
04_T2_Twodio4_B_Ensuite	133	-	-
04_T2_Twodio4_Kitchen	115	-	-
05_T1_Acc_Studio_01	140	-	-
05_T1_Acc_Studio_01_Ensuite	133	-	-
05_T1_Cluster1_Bed_01	140	-	-
05_T1_Cluster1_Bed_01_Ensuite	133	-	-
05_T1_Cluster1_Bed_02	140	-	-
05_T1_Cluster1_Bed_02_Ensuite	133	-	-
05_T1_Cluster1_Bed_03	140	-	-
05_T1_Cluster1_Bed_03_Ensuite	133	-	-
05_T1_Cluster1_Bed_04	140	-	-
05_T1_Cluster1_Bed_04_Ensuite	133	-	-
05_T1_Cluster1_Bed_05	140	-	-
05_T1_Cluster1_Bed_05_Ensuite	133	-	-
05_T1_Cluster1_Bed_06	140	-	-
05_T1_Cluster1_Bed_06_Ensuite	133	-	-
05_T1_Cluster1_Bed_07	140	-	-
05_T1_Cluster1_Bed_07_Ensuite	133	-	-
05_T1_Cluster1_Bed_08	140	-	-
05_T1_Cluster1_Bed_08_Ensuite	133	-	-
05_T1_Cluster1_Bed_09	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
05_T1_Cluster1_Bed_09_Ensuite	133	-	-
05_T1_Cluster1_Bed_10	140	-	-
05_T1_Cluster1_Bed_10_Ensuite	133	-	-
05_T1_Cluster1_Corridor_01	138	-	-
05_T1_Cluster1_Corridor_02	138	-	-
05_T1_Cluster1_Kitchen	115	-	-
05_T1_Cluster2_Bed_01	140	-	-
05_T1_Cluster2_Bed_01_Ensuite	133	-	-
05_T1_Cluster2_Bed_02	140	-	-
05_T1_Cluster2_Bed_02_Ensuite	133	-	-
05_T1_Cluster2_Bed_03	140	-	-
05_T1_Cluster2_Bed_03_Ensuite	133	-	-
05_T1_Cluster2_Bed_04	140	-	-
05_T1_Cluster2_Bed_04_Ensuite	133	-	-
05_T1_Cluster2_Bed_05	140	-	-
05_T1_Cluster2_Bed_05_Ensuite	133	-	-
05_T1_Cluster2_Bed_06	140	-	-
05_T1_Cluster2_Bed_06_Ensuite	133	-	-
05_T1_Cluster2_Bed_07	140	-	-
05_T1_Cluster2_Bed_07_Ensuite	133	-	-
05_T1_Cluster2_Bed_08	140	-	-
05_T1_Cluster2_Bed_08_Ensuite	133	-	-
05_T1_Cluster2_Bed_09	140	-	-
05_T1_Cluster2_Bed_09_Ensuite	133	-	-
05_T1_Cluster2_Bed_10	140	-	-
05_T1_Cluster2_Bed_10_Ensuite	133	-	-
05_T1_Cluster2_Corridor_01	138	-	-
05_T1_Cluster2_Corridor_02	138	-	-
05_T1_Cluster2_Kitchen	115	-	-
05_T1_Corridor_01	138	-	-
05_T1_Corridor_02	138	-	-
05_T1_Lift_Lobby_01	138	-	-
05_T1_Lift_Lobby_02	138	-	-
05_T1_Stair_01	185	-	-
05_T1_Stair_02	185	-	-
05_T1_Studio_01	140	-	-
05_T1_Studio_01_Ensuite	133	-	-
05_T1_Studio_02	140	-	-
05_T1_Studio_02_Ensuite	133	-	-
05_T1_Studio_03	140	-	-
05_T1_Studio_03_Ensuite	133	-	-
05_T1_Studio_04	140	-	-
05_T1_Studio_04_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
05_T1_Studio_05	140	-	-
05_T1_Studio_05_Ensuite	133	-	-
05_T2_Acc_Studio_01	140	-	-
05_T2_Acc_Studio_01_Ensuite	133	-	-
05_T2_Corridor_01	138	-	-
05_T2_Corridor_02	138	-	-
05_T2_Corridor_03	138	-	-
05_T2_Lift_Lobby_01	138	-	-
05_T2_Lift_Lobby_02	138	-	-
05_T2_Stair_01	185	-	-
05_T2_Stair_02	185	-	-
05_T2_Studio_01	140	-	-
05_T2_Studio_01_Ensuite	133	-	-
05_T2_Studio_02	140	-	-
05_T2_Studio_02_Ensuite	133	-	-
05_T2_Studio_03	140	-	-
05_T2_Studio_03_Ensuite	133	-	-
05_T2_Studio_04	140	-	-
05_T2_Studio_04_Ensuite	133	-	-
05_T2_Studio_05	140	-	-
05_T2_Studio_05_Ensuite	133	-	-
05_T2_Studio_06	140	-	-
05_T2_Studio_06_Ensuite	133	-	-
05_T2_Studio_07	140	-	-
05_T2_Studio_07_Ensuite	133	-	-
05_T2_Studio_08	140	-	-
05_T2_Studio_08_Ensuite	133	-	-
05_T2_Studio_09	140	-	-
05_T2_Studio_09_Ensuite	133	-	-
05_T2_Studio_10	140	-	-
05_T2_Studio_10_Ensuite	133	-	-
05_T2_Studio_11	140	-	-
05_T2_Studio_11_Ensuite	133	-	-
05_T2_Studio_12	140	-	-
05_T2_Studio_12_Ensuite	133	-	-
05_T2_Studio_13	140	-	-
05_T2_Studio_13_Ensuite	133	-	-
05_T2_Studio_14	140	-	-
05_T2_Studio_14_Ensuite	133	-	-
05_T2_Studio_15	140	-	-
05_T2_Studio_15_Ensuite	133	-	-
05_T2_Studio_16	140	-	-
05_T2_Studio_16_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
05_T2_Twodio1_A	140	-	-
05_T2_Twodio1_A_Ensuite	133	-	-
05_T2_Twodio1_B	140	-	-
05_T2_Twodio1_B_Ensuite	133	-	-
05_T2_Twodio1_Kitchen	115	-	-
05_T2_Twodio2_A	140	-	-
05_T2_Twodio2_A_Ensuite	133	-	-
05_T2_Twodio2_B	140	-	-
05_T2_Twodio2_B_Ensuite	133	-	-
05_T2_Twodio2_Kitchen	115	-	-
05_T2_Twodio3_A	140	-	-
05_T2_Twodio3_A_Ensuite	133	-	-
05_T2_Twodio3_B	140	-	-
05_T2_Twodio3_B_Ensuite	133	-	-
05_T2_Twodio3_Kitchen	115	-	-
05_T2_Twodio4_A	140	-	-
05_T2_Twodio4_A_Ensuite	133	-	-
05_T2_Twodio4_B	140	-	-
05_T2_Twodio4_B_Ensuite	133	-	-
05_T2_Twodio4_Kitchen	115	-	-
06_T1_Acc_Studio_01	140	-	-
06_T1_Acc_Studio_01_Ensuite	133	-	-
06_T1_Cluster1_Bed_01	140	-	-
06_T1_Cluster1_Bed_01_Ensuite	133	-	-
06_T1_Cluster1_Bed_02	140	-	-
06_T1_Cluster1_Bed_02_Ensuite	133	-	-
06_T1_Cluster1_Bed_03	140	-	-
06_T1_Cluster1_Bed_03_Ensuite	133	-	-
06_T1_Cluster1_Bed_04	140	-	-
06_T1_Cluster1_Bed_04_Ensuite	133	-	-
06_T1_Cluster1_Bed_05	140	-	-
06_T1_Cluster1_Bed_05_Ensuite	133	-	-
06_T1_Cluster1_Bed_06	140	-	-
06_T1_Cluster1_Bed_06_Ensuite	133	-	-
06_T1_Cluster1_Bed_07	140	-	-
06_T1_Cluster1_Bed_07_Ensuite	133	-	-
06_T1_Cluster1_Bed_08	140	-	-
06_T1_Cluster1_Bed_08_Ensuite	133	-	-
06_T1_Cluster1_Bed_09	140	-	-
06_T1_Cluster1_Bed_09_Ensuite	133	-	-
06_T1_Cluster1_Bed_10	140	-	-
06_T1_Cluster1_Bed_10_Ensuite	133	-	-
06_T1_Cluster1_Corridor_01	138	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
06_T1_Cluster1_Corridor_02	138	-	-
06_T1_Cluster1_Kitchen	115	-	-
06_T1_Cluster2_Bed_01	140	-	-
06_T1_Cluster2_Bed_01_Ensuite	133	-	-
06_T1_Cluster2_Bed_02	140	-	-
06_T1_Cluster2_Bed_02_Ensuite	133	-	-
06_T1_Cluster2_Bed_03	140	-	-
06_T1_Cluster2_Bed_03_Ensuite	133	-	-
06_T1_Cluster2_Bed_04	140	-	-
06_T1_Cluster2_Bed_04_Ensuite	133	-	-
06_T1_Cluster2_Bed_05	140	-	-
06_T1_Cluster2_Bed_05_Ensuite	133	-	-
06_T1_Cluster2_Bed_06	140	-	-
06_T1_Cluster2_Bed_06_Ensuite	133	-	-
06_T1_Cluster2_Bed_07	140	-	-
06_T1_Cluster2_Bed_07_Ensuite	133	-	-
06_T1_Cluster2_Bed_08	140	-	-
06_T1_Cluster2_Bed_08_Ensuite	133	-	-
06_T1_Cluster2_Bed_09	140	-	-
06_T1_Cluster2_Bed_09_Ensuite	133	-	-
06_T1_Cluster2_Bed_10	140	-	-
06_T1_Cluster2_Bed_10_Ensuite	133	-	-
06_T1_Cluster2_Corridor_01	138	-	-
06_T1_Cluster2_Corridor_02	138	-	-
06_T1_Cluster2_Kitchen	115	-	-
06_T1_Corridor_01	138	-	-
06_T1_Corridor_02	138	-	-
06_T1_Lift_Lobby_01	138	-	-
06_T1_Lift_Lobby_02	138	-	-
06_T1_Stair_01	185	-	-
06_T1_Stair_02	185	-	-
06_T1_Studio_01	140	-	-
06_T1_Studio_01_Ensuite	133	-	-
06_T1_Studio_02	140	-	-
06_T1_Studio_02_Ensuite	133	-	-
06_T1_Studio_03	140	-	-
06_T1_Studio_03_Ensuite	133	-	-
06_T1_Studio_04	140	-	-
06_T1_Studio_04_Ensuite	133	-	-
06_T1_Studio_05	140	-	-
06_T1_Studio_05_Ensuite	133	-	-
06_T2_Acc_Studio_01	140	-	-
06_T2_Acc_Studio_01_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
06_T2_Corridor_01	138	-	-
06_T2_Corridor_02	138	-	-
06_T2_Corridor_03	138	-	-
06_T2_Lift_Lobby_01	138	-	-
06_T2_Lift_Lobby_02	138	-	-
06_T2_Stair_01	185	-	-
06_T2_Stair_02	185	-	-
06_T2_Studio_01	140	-	-
06_T2_Studio_01_Ensuite	133	-	-
06_T2_Studio_02	140	-	-
06_T2_Studio_02_Ensuite	133	-	-
06_T2_Studio_03	140	-	-
06_T2_Studio_03_Ensuite	133	-	-
06_T2_Studio_04	140	-	-
06_T2_Studio_04_Ensuite	133	-	-
06_T2_Studio_05	140	-	-
06_T2_Studio_05_Ensuite	133	-	-
06_T2_Studio_06	140	-	-
06_T2_Studio_06_Ensuite	133	-	-
06_T2_Studio_07	140	-	-
06_T2_Studio_07_Ensuite	133	-	-
06_T2_Studio_08	140	-	-
06_T2_Studio_08_Ensuite	133	-	-
06_T2_Studio_09	140	-	-
06_T2_Studio_09_Ensuite	133	-	-
06_T2_Studio_10	140	-	-
06_T2_Studio_10_Ensuite	133	-	-
06_T2_Studio_11	140	-	-
06_T2_Studio_11_Ensuite	133	-	-
06_T2_Twodio1_A	140	-	-
06_T2_Twodio1_A_Ensuite	133	-	-
06_T2_Twodio1_B	140	-	-
06_T2_Twodio1_B_Ensuite	133	-	-
06_T2_Twodio1_Kitchen	115	-	-
06_T2_Twodio4_A	140	-	-
06_T2_Twodio4_A_Ensuite	133	-	-
06_T2_Twodio4_B	140	-	-
06_T2_Twodio4_B_Ensuite	133	-	-
06_T2_Twodio4_Kitchen	115	-	-
07_T1_Acc_Studio_01	140	-	-
07_T1_Acc_Studio_01_Ensuite	133	-	-
07_T1_Cluster1_Bed_01	140	-	-
07_T1_Cluster1_Bed_01_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
07_T1_Cluster1_Bed_02	140	-	-
07_T1_Cluster1_Bed_02_Ensuite	133	-	-
07_T1_Cluster1_Bed_03	140	-	-
07_T1_Cluster1_Bed_03_Ensuite	133	-	-
07_T1_Cluster1_Bed_04	140	-	-
07_T1_Cluster1_Bed_04_Ensuite	133	-	-
07_T1_Cluster1_Bed_05	140	-	-
07_T1_Cluster1_Bed_05_Ensuite	133	-	-
07_T1_Cluster1_Bed_06	140	-	-
07_T1_Cluster1_Bed_06_Ensuite	133	-	-
07_T1_Cluster1_Bed_07	140	-	-
07_T1_Cluster1_Bed_07_Ensuite	133	-	-
07_T1_Cluster1_Bed_08	140	-	-
07_T1_Cluster1_Bed_08_Ensuite	133	-	-
07_T1_Cluster1_Bed_09	140	-	-
07_T1_Cluster1_Bed_09_Ensuite	133	-	-
07_T1_Cluster1_Bed_10	140	-	-
07_T1_Cluster1_Bed_10_Ensuite	133	-	-
07_T1_Cluster1_Corridor_01	138	-	-
07_T1_Cluster1_Corridor_02	138	-	-
07_T1_Cluster1_Kitchen	115	-	-
07_T1_Cluster2_Bed_01	140	-	-
07_T1_Cluster2_Bed_01_Ensuite	133	-	-
07_T1_Cluster2_Bed_02	140	-	-
07_T1_Cluster2_Bed_02_Ensuite	133	-	-
07_T1_Cluster2_Bed_03	140	-	-
07_T1_Cluster2_Bed_03_Ensuite	133	-	-
07_T1_Cluster2_Bed_04	140	-	-
07_T1_Cluster2_Bed_04_Ensuite	133	-	-
07_T1_Cluster2_Bed_05	140	-	-
07_T1_Cluster2_Bed_05_Ensuite	133	-	-
07_T1_Cluster2_Bed_06	140	-	-
07_T1_Cluster2_Bed_06_Ensuite	133	-	-
07_T1_Cluster2_Bed_07	140	-	-
07_T1_Cluster2_Bed_07_Ensuite	133	-	-
07_T1_Cluster2_Bed_08	140	-	-
07_T1_Cluster2_Bed_08_Ensuite	133	-	-
07_T1_Cluster2_Bed_09	140	-	-
07_T1_Cluster2_Bed_09_Ensuite	133	-	-
07_T1_Cluster2_Bed_10	140	-	-
07_T1_Cluster2_Bed_10_Ensuite	133	-	-
07_T1_Cluster2_Corridor_01	138	-	-
07_T1_Cluster2_Corridor_02	138	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
07_T1_Cluster2_Kitchen	115	-	-
07_T1_Corridor_01	138	-	-
07_T1_Corridor_02	138	-	-
07_T1_Lift_Lobby_01	138	-	-
07_T1_Lift_Lobby_02	138	-	-
07_T1_Stair_01	185	-	-
07_T1_Stair_02	185	-	-
07_T1_Studio_01	140	-	-
07_T1_Studio_01_Ensuite	133	-	-
07_T1_Studio_02	140	-	-
07_T1_Studio_02_Ensuite	133	-	-
07_T1_Studio_03	140	-	-
07_T1_Studio_03_Ensuite	133	-	-
07_T1_Studio_04	140	-	-
07_T1_Studio_04_Ensuite	133	-	-
07_T1_Studio_05	140	-	-
07_T1_Studio_05_Ensuite	133	-	-
07_T2_Acc_Studio_01	140	-	-
07_T2_Acc_Studio_01_Ensuite	133	-	-
07_T2_Corridor_01	138	-	-
07_T2_Corridor_02	138	-	-
07_T2_Corridor_03	138	-	-
07_T2_Lift_Lobby_01	138	-	-
07_T2_Lift_Lobby_02	138	-	-
07_T2_Stair_01	185	-	-
07_T2_Stair_02	185	-	-
07_T2_Studio_01	140	-	-
07_T2_Studio_01_Ensuite	133	-	-
07_T2_Studio_02	140	-	-
07_T2_Studio_02_Ensuite	133	-	-
07_T2_Studio_03	140	-	-
07_T2_Studio_03_Ensuite	133	-	-
07_T2_Studio_04	140	-	-
07_T2_Studio_04_Ensuite	133	-	-
07_T2_Studio_05	140	-	-
07_T2_Studio_05_Ensuite	133	-	-
07_T2_Studio_06	140	-	-
07_T2_Studio_06_Ensuite	133	-	-
07_T2_Studio_07	140	-	-
07_T2_Studio_07_Ensuite	133	-	-
07_T2_Studio_08	140	-	-
07_T2_Studio_08_Ensuite	133	-	-
07_T2_Studio_09	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
07_T2_Studio_09_Ensuite	133	-	-
07_T2_Studio_10	140	-	-
07_T2_Studio_10_Ensuite	133	-	-
07_T2_Studio_11	140	-	-
07_T2_Studio_11_Ensuite	133	-	-
07_T2_Twodio1_A	140	-	-
07_T2_Twodio1_A_Ensuite	133	-	-
07_T2_Twodio1_B	140	-	-
07_T2_Twodio1_B_Ensuite	133	-	-
07_T2_Twodio1_Kitchen	115	-	-
07_T2_Twodio4_A	140	-	-
07_T2_Twodio4_A_Ensuite	133	-	-
07_T2_Twodio4_B	140	-	-
07_T2_Twodio4_B_Ensuite	133	-	-
07_T2_Twodio4_Kitchen	115	-	-
08_T1_Acc_Studio_01	140	-	-
08_T1_Acc_Studio_01_Ensuite	133	-	-
08_T1_Cluster1_Bed_01	140	-	-
08_T1_Cluster1_Bed_01_Ensuite	133	-	-
08_T1_Cluster1_Bed_02	140	-	-
08_T1_Cluster1_Bed_02_Ensuite	133	-	-
08_T1_Cluster1_Bed_03	140	-	-
08_T1_Cluster1_Bed_03_Ensuite	133	-	-
08_T1_Cluster1_Bed_04	140	-	-
08_T1_Cluster1_Bed_04_Ensuite	133	-	-
08_T1_Cluster1_Bed_05	140	-	-
08_T1_Cluster1_Bed_05_Ensuite	133	-	-
08_T1_Cluster1_Bed_06	140	-	-
08_T1_Cluster1_Bed_06_Ensuite	133	-	-
08_T1_Cluster1_Bed_07	140	-	-
08_T1_Cluster1_Bed_07_Ensuite	133	-	-
08_T1_Cluster1_Bed_08	140	-	-
08_T1_Cluster1_Bed_08_Ensuite	133	-	-
08_T1_Cluster1_Bed_09	140	-	-
08_T1_Cluster1_Bed_09_Ensuite	133	-	-
08_T1_Cluster1_Bed_10	140	-	-
08_T1_Cluster1_Bed_10_Ensuite	133	-	-
08_T1_Cluster1_Corridor_01	138	-	-
08_T1_Cluster1_Corridor_02	138	-	-
08_T1_Cluster1_Kitchen	115	-	-
08_T1_Cluster2_Bed_01	140	-	-
08_T1_Cluster2_Bed_01_Ensuite	133	-	-
08_T1_Cluster2_Bed_02	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
08_T1_Cluster2_Bed_02_Ensuite	133	-	-
08_T1_Cluster2_Bed_03	140	-	-
08_T1_Cluster2_Bed_03_Ensuite	133	-	-
08_T1_Cluster2_Bed_04	140	-	-
08_T1_Cluster2_Bed_04_Ensuite	133	-	-
08_T1_Cluster2_Bed_05	140	-	-
08_T1_Cluster2_Bed_05_Ensuite	133	-	-
08_T1_Cluster2_Bed_06	140	-	-
08_T1_Cluster2_Bed_06_Ensuite	133	-	-
08_T1_Cluster2_Bed_07	140	-	-
08_T1_Cluster2_Bed_07_Ensuite	133	-	-
08_T1_Cluster2_Bed_08	140	-	-
08_T1_Cluster2_Bed_08_Ensuite	133	-	-
08_T1_Cluster2_Bed_09	140	-	-
08_T1_Cluster2_Bed_09_Ensuite	133	-	-
08_T1_Cluster2_Bed_10	140	-	-
08_T1_Cluster2_Bed_10_Ensuite	133	-	-
08_T1_Cluster2_Corridor_01	138	-	-
08_T1_Cluster2_Corridor_02	138	-	-
08_T1_Cluster2_Kitchen	115	-	-
08_T1_Corridor_01	138	-	-
08_T1_Corridor_02	138	-	-
08_T1_Lift_Lobby_01	138	-	-
08_T1_Lift_Lobby_02	138	-	-
08_T1_Stair_01	185	-	-
08_T1_Stair_02	185	-	-
08_T1_Studio_01	140	-	-
08_T1_Studio_01_Ensuite	133	-	-
08_T1_Studio_02	140	-	-
08_T1_Studio_02_Ensuite	133	-	-
08_T1_Studio_03	140	-	-
08_T1_Studio_03_Ensuite	133	-	-
08_T1_Studio_04	140	-	-
08_T1_Studio_04_Ensuite	133	-	-
08_T1_Studio_05	140	-	-
08_T1_Studio_05_Ensuite	133	-	-
08_T2_Acc_Studio_01	140	-	-
08_T2_Acc_Studio_01_Ensuite	133	-	-
08_T2_Corridor_01	138	-	-
08_T2_Corridor_02	138	-	-
08_T2_Corridor_03	138	-	-
08_T2_Lift_Lobby_01	138	-	-
08_T2_Lift_Lobby_02	138	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
08_T2_Stair_01	185	-	-
08_T2_Stair_02	185	-	-
08_T2_Studio_01	140	-	-
08_T2_Studio_01_Ensuite	133	-	-
08_T2_Studio_02	140	-	-
08_T2_Studio_02_Ensuite	133	-	-
08_T2_Studio_03	140	-	-
08_T2_Studio_03_Ensuite	133	-	-
08_T2_Studio_04	140	-	-
08_T2_Studio_04_Ensuite	133	-	-
08_T2_Studio_05	140	-	-
08_T2_Studio_05_Ensuite	133	-	-
08_T2_Studio_06	140	-	-
08_T2_Studio_06_Ensuite	133	-	-
08_T2_Studio_07	140	-	-
08_T2_Studio_07_Ensuite	133	-	-
08_T2_Studio_08	140	-	-
08_T2_Studio_08_Ensuite	133	-	-
08_T2_Studio_09	140	-	-
08_T2_Studio_09_Ensuite	133	-	-
08_T2_Studio_10	140	-	-
08_T2_Studio_10_Ensuite	133	-	-
08_T2_Studio_11	140	-	-
08_T2_Studio_11_Ensuite	133	-	-
08_T2_Twodio1_A	140	-	-
08_T2_Twodio1_A_Ensuite	133	-	-
08_T2_Twodio1_B	140	-	-
08_T2_Twodio1_B_Ensuite	133	-	-
08_T2_Twodio1_Kitchen	115	-	-
08_T2_Twodio4_A	140	-	-
08_T2_Twodio4_A_Ensuite	133	-	-
08_T2_Twodio4_B	140	-	-
08_T2_Twodio4_B_Ensuite	133	-	-
08_T2_Twodio4_Kitchen	115	-	-
09_T1_Acc_Studio_01	140	-	-
09_T1_Acc_Studio_01_Ensuite	133	-	-
09_T1_Amenity	110	-	-
09_T1_Cluster1_Bed_01	140	-	-
09_T1_Cluster1_Bed_01_Ensuite	133	-	-
09_T1_Cluster1_Bed_02	140	-	-
09_T1_Cluster1_Bed_02_Ensuite	133	-	-
09_T1_Cluster1_Bed_03	140	-	-
09_T1_Cluster1_Bed_03_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
09_T1_Cluster1_Bed_04	140	-	-
09_T1_Cluster1_Bed_04_Ensuite	133	-	-
09_T1_Cluster1_Bed_05	140	-	-
09_T1_Cluster1_Bed_05_Ensuite	133	-	-
09_T1_Cluster1_Bed_06	140	-	-
09_T1_Cluster1_Bed_06_Ensuite	133	-	-
09_T1_Cluster1_Bed_07	140	-	-
09_T1_Cluster1_Bed_07_Ensuite	133	-	-
09_T1_Cluster1_Bed_08	140	-	-
09_T1_Cluster1_Bed_08_Ensuite	133	-	-
09_T1_Cluster1_Bed_09	140	-	-
09_T1_Cluster1_Bed_09_Ensuite	133	-	-
09_T1_Cluster1_Bed_10	140	-	-
09_T1_Cluster1_Bed_10_Ensuite	133	-	-
09_T1_Cluster1_Corridor_01	138	-	-
09_T1_Cluster1_Corridor_02	138	-	-
09_T1_Cluster1_Kitchen	115	-	-
09_T1_Cluster2_Bed_01	140	-	-
09_T1_Cluster2_Bed_01_Ensuite	133	-	-
09_T1_Cluster2_Bed_02	140	-	-
09_T1_Cluster2_Bed_02_Ensuite	133	-	-
09_T1_Cluster2_Bed_03	140	-	-
09_T1_Cluster2_Bed_03_Ensuite	133	-	-
09_T1_Cluster2_Bed_04	140	-	-
09_T1_Cluster2_Bed_04_Ensuite	133	-	-
09_T1_Cluster2_Bed_05	140	-	-
09_T1_Cluster2_Bed_05_Ensuite	133	-	-
09_T1_Cluster2_Bed_06	140	-	-
09_T1_Cluster2_Bed_06_Ensuite	133	-	-
09_T1_Cluster2_Corridor_01	138	-	-
09_T1_Cluster2_Corridor_02	138	-	-
09_T1_Cluster2_Kitchen	115	-	-
09_T1_Corridor_01	138	-	-
09_T1_Corridor_02	138	-	-
09_T1_Lift_Lobby_01	138	-	-
09_T1_Lift_Lobby_02	138	-	-
09_T1_Stair_01	185	-	-
09_T1_Stair_02	185	-	-
09_T1_Studio_01	140	-	-
09_T1_Studio_01_Ensuite	133	-	-
09_T1_Studio_02	140	-	-
09_T1_Studio_02_Ensuite	133	-	-
09_T1_Studio_03	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
09_T1_Studio_03_Ensuite	133	-	-
09_T1_Studio_04	140	-	-
09_T1_Studio_04_Ensuite	133	-	-
09_T1_Studio_05	140	-	-
09_T1_Studio_05_Ensuite	133	-	-
09_T2_Acc_Studio_01	140	-	-
09_T2_Acc_Studio_01_Ensuite	133	-	-
09_T2_Corridor_01	138	-	-
09_T2_Corridor_02	138	-	-
09_T2_Corridor_03	138	-	-
09_T2_Lift_Lobby_01	138	-	-
09_T2_Lift_Lobby_02	138	-	-
09_T2_Stair_01	185	-	-
09_T2_Stair_02	185	-	-
09_T2_Studio_01	140	-	-
09_T2_Studio_01_Ensuite	133	-	-
09_T2_Studio_02	140	-	-
09_T2_Studio_02_Ensuite	133	-	-
09_T2_Studio_03	140	-	-
09_T2_Studio_03_Ensuite	133	-	-
09_T2_Studio_04	140	-	-
09_T2_Studio_04_Ensuite	133	-	-
09_T2_Studio_05	140	-	-
09_T2_Studio_05_Ensuite	133	-	-
09_T2_Studio_06	140	-	-
09_T2_Studio_06_Ensuite	133	-	-
09_T2_Studio_07	140	-	-
09_T2_Studio_07_Ensuite	133	-	-
09_T2_Studio_08	140	-	-
09_T2_Studio_08_Ensuite	133	-	-
09_T2_Studio_09	140	-	-
09_T2_Studio_09_Ensuite	133	-	-
09_T2_Studio_10	140	-	-
09_T2_Studio_10_Ensuite	133	-	-
09_T2_Studio_11	140	-	-
09_T2_Studio_11_Ensuite	133	-	-
09_T2_Twodio1_A	140	-	-
09_T2_Twodio1_A_Ensuite	133	-	-
09_T2_Twodio1_B	140	-	-
09_T2_Twodio1_B_Ensuite	133	-	-
09_T2_Twodio1_Kitchen	115	-	-
09_T2_Twodio4_A	140	-	-
09_T2_Twodio4_A_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
09_T2_Twodio4_B	140	-	-
09_T2_Twodio4_B_Ensuite	133	-	-
09_T2_Twodio4_Kitchen	115	-	-
10_T1_Acc_Studio_01	140	-	-
10_T1_Acc_Studio_01_Ensuite	133	-	-
10_T1_Cluster1_Bed_01	140	-	-
10_T1_Cluster1_Bed_01_Ensuite	133	-	-
10_T1_Cluster1_Bed_02	140	-	-
10_T1_Cluster1_Bed_02_Ensuite	133	-	-
10_T1_Cluster1_Bed_03	140	-	-
10_T1_Cluster1_Bed_03_Ensuite	133	-	-
10_T1_Cluster1_Bed_04	140	-	-
10_T1_Cluster1_Bed_04_Ensuite	133	-	-
10_T1_Cluster1_Bed_05	140	-	-
10_T1_Cluster1_Bed_05_Ensuite	133	-	-
10_T1_Cluster1_Bed_06	140	-	-
10_T1_Cluster1_Bed_06_Ensuite	133	-	-
10_T1_Cluster1_Bed_07	140	-	-
10_T1_Cluster1_Bed_07_Ensuite	133	-	-
10_T1_Cluster1_Bed_08	140	-	-
10_T1_Cluster1_Bed_08_Ensuite	133	-	-
10_T1_Cluster1_Bed_10	140	-	-
10_T1_Cluster1_Bed_10	140	-	-
10_T1_Cluster1_Bed_10_Ensuite	133	-	-
10_T1_Cluster1_Bed_10_Ensuite	133	-	-
10_T1_Cluster1_Corridor_01	138	-	-
10_T1_Cluster1_Corridor_02	138	-	-
10_T1_Cluster1_Kitchen	115	-	-
10_T1_Cluster2_Bed_01	140	-	-
10_T1_Cluster2_Bed_01_Ensuite	133	-	-
10_T1_Cluster2_Bed_02	140	-	-
10_T1_Cluster2_Bed_02_Ensuite	133	-	-
10_T1_Cluster2_Bed_03	140	-	-
10_T1_Cluster2_Bed_03_Ensuite	133	-	-
10_T1_Cluster2_Bed_04	140	-	-
10_T1_Cluster2_Bed_04_Ensuite	133	-	-
10_T1_Cluster2_Bed_05	140	-	-
10_T1_Cluster2_Bed_05_Ensuite	133	-	-
10_T1_Cluster2_Bed_06	140	-	-
10_T1_Cluster2_Bed_06_Ensuite	133	-	-
10_T1_Cluster2_Bed_07	140	-	-
10_T1_Cluster2_Bed_07_Ensuite	133	-	-
10_T1_Cluster2_Bed_08	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
10_T1_Cluster2_Bed_08_Ensuite	133	-	-
10_T1_Cluster2_Bed_10	140	-	-
10_T1_Cluster2_Bed_10	140	-	-
10_T1_Cluster2_Bed_10_Ensuite	133	-	-
10_T1_Cluster2_Bed_10_Ensuite	133	-	-
10_T1_Cluster2_Corridor_01	138	-	-
10_T1_Cluster2_Corridor_02	138	-	-
10_T1_Cluster2_Kitchen	115	-	-
10_T1_Corridor_01	138	-	-
10_T1_Corridor_02	138	-	-
10_T1_Lift_Lobby_01	138	-	-
10_T1_Lift_Lobby_02	138	-	-
10_T1_Stair_01	185	-	-
10_T1_Stair_02	185	-	-
10_T1_Studio_01	140	-	-
10_T1_Studio_01_Ensuite	133	-	-
10_T1_Studio_02	140	-	-
10_T1_Studio_02_Ensuite	133	-	-
10_T1_Studio_03	140	-	-
10_T1_Studio_03_Ensuite	133	-	-
10_T1_Studio_04	140	-	-
10_T1_Studio_04_Ensuite	133	-	-
10_T1_Studio_05	140	-	-
10_T1_Studio_05_Ensuite	133	-	-
10_T2_Acc_Studio_01	140	-	-
10_T2_Acc_Studio_01_Ensuite	133	-	-
10_T2_Corridor_01	138	-	-
10_T2_Corridor_02	138	-	-
10_T2_Corridor_03	138	-	-
10_T2_Lift_Lobby_01	138	-	-
10_T2_Lift_Lobby_02	138	-	-
10_T2_Stair_01	185	-	-
10_T2_Stair_02	185	-	-
10_T2_Studio_01	140	-	-
10_T2_Studio_01_Ensuite	133	-	-
10_T2_Studio_02	140	-	-
10_T2_Studio_02_Ensuite	133	-	-
10_T2_Studio_03	140	-	-
10_T2_Studio_03_Ensuite	133	-	-
10_T2_Studio_04	140	-	-
10_T2_Studio_04_Ensuite	133	-	-
10_T2_Studio_05	140	-	-
10_T2_Studio_05_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
10_T2_Studio_06	140	-	-
10_T2_Studio_06_Ensuite	133	-	-
10_T2_Studio_07	140	-	-
10_T2_Studio_07_Ensuite	133	-	-
10_T2_Studio_08	140	-	-
10_T2_Studio_08_Ensuite	133	-	-
10_T2_Studio_10	140	-	-
10_T2_Studio_10	140	-	-
10_T2_Studio_10_Ensuite	133	-	-
10_T2_Studio_10_Ensuite	133	-	-
10_T2_Studio_11	140	-	-
10_T2_Studio_11_Ensuite	133	-	-
10_T2_Twodio1_A	140	-	-
10_T2_Twodio1_A_Ensuite	133	-	-
10_T2_Twodio1_B	140	-	-
10_T2_Twodio1_B_Ensuite	133	-	-
10_T2_Twodio1_Kitchen	115	-	-
10_T2_Twodio4_A	140	-	-
10_T2_Twodio4_A_Ensuite	133	-	-
10_T2_Twodio4_B	140	-	-
10_T2_Twodio4_B_Ensuite	133	-	-
10_T2_Twodio4_Kitchen	115	-	-
11_T1_Acc_Studio_01	140	-	-
11_T1_Acc_Studio_01_Ensuite	133	-	-
11_T1_Cluster1_Bed_01	140	-	-
11_T1_Cluster1_Bed_01_Ensuite	133	-	-
11_T1_Cluster1_Bed_02	140	-	-
11_T1_Cluster1_Bed_02_Ensuite	133	-	-
11_T1_Cluster1_Bed_03	140	-	-
11_T1_Cluster1_Bed_03_Ensuite	133	-	-
11_T1_Cluster1_Bed_04	140	-	-
11_T1_Cluster1_Bed_04_Ensuite	133	-	-
11_T1_Cluster1_Bed_05	140	-	-
11_T1_Cluster1_Bed_05_Ensuite	133	-	-
11_T1_Cluster1_Bed_06	140	-	-
11_T1_Cluster1_Bed_06_Ensuite	133	-	-
11_T1_Cluster1_Bed_07	140	-	-
11_T1_Cluster1_Bed_07_Ensuite	133	-	-
11_T1_Cluster1_Bed_08	140	-	-
11_T1_Cluster1_Bed_08_Ensuite	133	-	-
11_T1_Cluster1_Bed_10	140	-	-
11_T1_Cluster1_Bed_10_Ensuite	133	-	-
11_T1_Cluster1_Bed_11	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
11_T1_Cluster1_Bed_11_Ensuite	133	-	-
11_T1_Cluster1_Corridor_01	138	-	-
11_T1_Cluster1_Corridor_02	138	-	-
11_T1_Cluster1_Kitchen	115	-	-
11_T1_Cluster2_Bed_01	140	-	-
11_T1_Cluster2_Bed_01_Ensuite	133	-	-
11_T1_Cluster2_Bed_02	140	-	-
11_T1_Cluster2_Bed_02_Ensuite	133	-	-
11_T1_Cluster2_Bed_03	140	-	-
11_T1_Cluster2_Bed_03_Ensuite	133	-	-
11_T1_Cluster2_Bed_04	140	-	-
11_T1_Cluster2_Bed_04_Ensuite	133	-	-
11_T1_Cluster2_Bed_05	140	-	-
11_T1_Cluster2_Bed_05_Ensuite	133	-	-
11_T1_Cluster2_Bed_06	140	-	-
11_T1_Cluster2_Bed_06_Ensuite	133	-	-
11_T1_Cluster2_Bed_07	140	-	-
11_T1_Cluster2_Bed_07_Ensuite	133	-	-
11_T1_Cluster2_Bed_08	140	-	-
11_T1_Cluster2_Bed_08_Ensuite	133	-	-
11_T1_Cluster2_Bed_10	140	-	-
11_T1_Cluster2_Bed_10_Ensuite	133	-	-
11_T1_Cluster2_Bed_11	140	-	-
11_T1_Cluster2_Bed_11_Ensuite	133	-	-
11_T1_Cluster2_Corridor_01	138	-	-
11_T1_Cluster2_Corridor_02	138	-	-
11_T1_Cluster2_Kitchen	115	-	-
11_T1_Corridor_01	138	-	-
11_T1_Corridor_02	138	-	-
11_T1_Lift_Lobby_01	138	-	-
11_T1_Lift_Lobby_02	138	-	-
11_T1_Stair_01	185	-	-
11_T1_Stair_02	185	-	-
11_T1_Studio_01	140	-	-
11_T1_Studio_01_Ensuite	133	-	-
11_T1_Studio_02	140	-	-
11_T1_Studio_02_Ensuite	133	-	-
11_T1_Studio_03	140	-	-
11_T1_Studio_03_Ensuite	133	-	-
11_T1_Studio_04	140	-	-
11_T1_Studio_04_Ensuite	133	-	-
11_T1_Studio_05	140	-	-
11_T1_Studio_05_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
11_T2_Acc_Studio_01	140	-	-
11_T2_Acc_Studio_01_Ensuite	133	-	-
11_T2_Corridor_01	138	-	-
11_T2_Corridor_02	138	-	-
11_T2_Corridor_03	138	-	-
11_T2_Lift_Lobby_01	138	-	-
11_T2_Lift_Lobby_02	138	-	-
11_T2_Stair_01	185	-	-
11_T2_Stair_02	185	-	-
11_T2_Studio_01	140	-	-
11_T2_Studio_01_Ensuite	133	-	-
11_T2_Studio_02	140	-	-
11_T2_Studio_02_Ensuite	133	-	-
11_T2_Studio_03	140	-	-
11_T2_Studio_03_Ensuite	133	-	-
11_T2_Studio_04	140	-	-
11_T2_Studio_04_Ensuite	133	-	-
11_T2_Studio_05	140	-	-
11_T2_Studio_05_Ensuite	133	-	-
11_T2_Studio_06	140	-	-
11_T2_Studio_06_Ensuite	133	-	-
11_T2_Studio_07	140	-	-
11_T2_Studio_07_Ensuite	133	-	-
11_T2_Studio_08	140	-	-
11_T2_Studio_08_Ensuite	133	-	-
11_T2_Studio_09	140	-	-
11_T2_Studio_10	140	-	-
11_T2_Studio_10_Ensuite	133	-	-
11_T2_Studio_11	140	-	-
11_T2_Studio_11_Ensuite	133	-	-
11_T2_Studio_11_Ensuite	133	-	-
11_T2_Twodio1_A	140	-	-
11_T2_Twodio1_A_Ensuite	133	-	-
11_T2_Twodio1_B	140	-	-
11_T2_Twodio1_B_Ensuite	133	-	-
11_T2_Twodio1_Kitchen	115	-	-
11_T2_Twodio4_A	140	-	-
11_T2_Twodio4_A_Ensuite	133	-	-
11_T2_Twodio4_B	140	-	-
11_T2_Twodio4_B_Ensuite	133	-	-
11_T2_Twodio4_Kitchen	115	-	-
12_T1_Acc_Studio_01	140	-	-
12_T1_Acc_Studio_01_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
12_T1_Cluster1_Bed_01	140	-	-
12_T1_Cluster1_Bed_01_Ensuite	133	-	-
12_T1_Cluster1_Bed_02	140	-	-
12_T1_Cluster1_Bed_02_Ensuite	133	-	-
12_T1_Cluster1_Bed_03	140	-	-
12_T1_Cluster1_Bed_03_Ensuite	133	-	-
12_T1_Cluster1_Bed_04	140	-	-
12_T1_Cluster1_Bed_04_Ensuite	133	-	-
12_T1_Cluster1_Bed_05	140	-	-
12_T1_Cluster1_Bed_05_Ensuite	133	-	-
12_T1_Cluster1_Bed_06	140	-	-
12_T1_Cluster1_Bed_06_Ensuite	133	-	-
12_T1_Cluster1_Bed_07	140	-	-
12_T1_Cluster1_Bed_07_Ensuite	133	-	-
12_T1_Cluster1_Bed_08	140	-	-
12_T1_Cluster1_Bed_08_Ensuite	133	-	-
12_T1_Cluster1_Bed_10	140	-	-
12_T1_Cluster1_Bed_10_Ensuite	133	-	-
12_T1_Cluster1_Bed_12	140	-	-
12_T1_Cluster1_Bed_12_Ensuite	133	-	-
12_T1_Cluster1_Corridor_01	138	-	-
12_T1_Cluster1_Corridor_02	138	-	-
12_T1_Cluster1_Kitchen	115	-	-
12_T1_Cluster2_Bed_01	140	-	-
12_T1_Cluster2_Bed_01_Ensuite	133	-	-
12_T1_Cluster2_Bed_02	140	-	-
12_T1_Cluster2_Bed_02_Ensuite	133	-	-
12_T1_Cluster2_Bed_03	140	-	-
12_T1_Cluster2_Bed_03_Ensuite	133	-	-
12_T1_Cluster2_Bed_04	140	-	-
12_T1_Cluster2_Bed_04_Ensuite	133	-	-
12_T1_Cluster2_Bed_05	140	-	-
12_T1_Cluster2_Bed_05_Ensuite	133	-	-
12_T1_Cluster2_Bed_06	140	-	-
12_T1_Cluster2_Bed_06_Ensuite	133	-	-
12_T1_Cluster2_Bed_07	140	-	-
12_T1_Cluster2_Bed_07_Ensuite	133	-	-
12_T1_Cluster2_Bed_08	140	-	-
12_T1_Cluster2_Bed_08_Ensuite	133	-	-
12_T1_Cluster2_Bed_10	140	-	-
12_T1_Cluster2_Bed_10_Ensuite	133	-	-
12_T1_Cluster2_Bed_12	140	-	-
12_T1_Cluster2_Bed_12_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
12_T1_Cluster2_Corridor_01	138	-	-
12_T1_Cluster2_Corridor_02	138	-	-
12_T1_Cluster2_Kitchen	115	-	-
12_T1_Corridor_01	138	-	-
12_T1_Corridor_02	138	-	-
12_T1_Lift_Lobby_01	138	-	-
12_T1_Lift_Lobby_02	138	-	-
12_T1_Stair_01	185	-	-
12_T1_Stair_02	185	-	-
12_T1_Studio_01	140	-	-
12_T1_Studio_01_Ensuite	133	-	-
12_T1_Studio_02	140	-	-
12_T1_Studio_02_Ensuite	133	-	-
12_T1_Studio_03	140	-	-
12_T1_Studio_03_Ensuite	133	-	-
12_T1_Studio_04	140	-	-
12_T1_Studio_04_Ensuite	133	-	-
12_T1_Studio_05	140	-	-
12_T1_Studio_05_Ensuite	133	-	-
12_T2_Acc_Studio_01	140	-	-
12_T2_Acc_Studio_01_Ensuite	133	-	-
12_T2_Corridor_01	138	-	-
12_T2_Corridor_02	138	-	-
12_T2_Corridor_03	138	-	-
12_T2_Lift_Lobby_01	138	-	-
12_T2_Lift_Lobby_02	138	-	-
12_T2_Stair_01	185	-	-
12_T2_Stair_02	185	-	-
12_T2_Studio_01	140	-	-
12_T2_Studio_01_Ensuite	133	-	-
12_T2_Studio_02	140	-	-
12_T2_Studio_02_Ensuite	133	-	-
12_T2_Studio_03	140	-	-
12_T2_Studio_03_Ensuite	133	-	-
12_T2_Studio_04	140	-	-
12_T2_Studio_04_Ensuite	133	-	-
12_T2_Studio_05	140	-	-
12_T2_Studio_05_Ensuite	133	-	-
12_T2_Studio_06	140	-	-
12_T2_Studio_06_Ensuite	133	-	-
12_T2_Studio_07	140	-	-
12_T2_Studio_07_Ensuite	133	-	-
12_T2_Studio_08	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
12_T2_Studio_08_Ensuite	133	-	-
12_T2_Studio_09	140	-	-
12_T2_Studio_10	140	-	-
12_T2_Studio_10_Ensuite	133	-	-
12_T2_Studio_11	140	-	-
12_T2_Studio_11_Ensuite	133	-	-
12_T2_Studio_12_Ensuite	133	-	-
12_T2_Twodio1_A	140	-	-
12_T2_Twodio1_A_Ensuite	133	-	-
12_T2_Twodio1_B	140	-	-
12_T2_Twodio1_B_Ensuite	133	-	-
12_T2_Twodio1_Kitchen	115	-	-
12_T2_Twodio4_A	140	-	-
12_T2_Twodio4_A_Ensuite	133	-	-
12_T2_Twodio4_B	140	-	-
12_T2_Twodio4_B_Ensuite	133	-	-
12_T2_Twodio4_Kitchen	115	-	-
13_T1_Acc_Studio_01	140	-	-
13_T1_Acc_Studio_01_Ensuite	133	-	-
13_T1_Cluster1_Bed_01	140	-	-
13_T1_Cluster1_Bed_01_Ensuite	133	-	-
13_T1_Cluster1_Bed_02	140	-	-
13_T1_Cluster1_Bed_02_Ensuite	133	-	-
13_T1_Cluster1_Bed_03	140	-	-
13_T1_Cluster1_Bed_03_Ensuite	133	-	-
13_T1_Cluster1_Bed_04	140	-	-
13_T1_Cluster1_Bed_04_Ensuite	133	-	-
13_T1_Cluster1_Bed_05	140	-	-
13_T1_Cluster1_Bed_05_Ensuite	133	-	-
13_T1_Cluster1_Bed_06	140	-	-
13_T1_Cluster1_Bed_06_Ensuite	133	-	-
13_T1_Cluster1_Bed_07	140	-	-
13_T1_Cluster1_Bed_07_Ensuite	133	-	-
13_T1_Cluster1_Bed_08	140	-	-
13_T1_Cluster1_Bed_08_Ensuite	133	-	-
13_T1_Cluster1_Bed_10	140	-	-
13_T1_Cluster1_Bed_10_Ensuite	133	-	-
13_T1_Cluster1_Bed_13	140	-	-
13_T1_Cluster1_Bed_13_Ensuite	133	-	-
13_T1_Cluster1_Corridor_01	138	-	-
13_T1_Cluster1_Corridor_02	138	-	-
13_T1_Cluster1_Kitchen	115	-	-
13_T1_Cluster2_Bed_01	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
13_T1_Cluster2_Bed_01_Ensuite	133	-	-
13_T1_Cluster2_Bed_02	140	-	-
13_T1_Cluster2_Bed_02_Ensuite	133	-	-
13_T1_Cluster2_Bed_03	140	-	-
13_T1_Cluster2_Bed_03_Ensuite	133	-	-
13_T1_Cluster2_Bed_04	140	-	-
13_T1_Cluster2_Bed_04_Ensuite	133	-	-
13_T1_Cluster2_Bed_05	140	-	-
13_T1_Cluster2_Bed_05_Ensuite	133	-	-
13_T1_Cluster2_Bed_06	140	-	-
13_T1_Cluster2_Bed_06_Ensuite	133	-	-
13_T1_Cluster2_Bed_07	140	-	-
13_T1_Cluster2_Bed_07_Ensuite	133	-	-
13_T1_Cluster2_Bed_08	140	-	-
13_T1_Cluster2_Bed_08_Ensuite	133	-	-
13_T1_Cluster2_Bed_10	140	-	-
13_T1_Cluster2_Bed_10_Ensuite	133	-	-
13_T1_Cluster2_Bed_13	140	-	-
13_T1_Cluster2_Bed_13_Ensuite	133	-	-
13_T1_Cluster2_Corridor_01	138	-	-
13_T1_Cluster2_Corridor_02	138	-	-
13_T1_Cluster2_Kitchen	115	-	-
13_T1_Corridor_01	138	-	-
13_T1_Corridor_02	138	-	-
13_T1_Lift_Lobby_01	138	-	-
13_T1_Lift_Lobby_02	138	-	-
13_T1_Stair_01	185	-	-
13_T1_Stair_02	185	-	-
13_T1_Studio_01	140	-	-
13_T1_Studio_01_Ensuite	133	-	-
13_T1_Studio_02	140	-	-
13_T1_Studio_02_Ensuite	133	-	-
13_T1_Studio_03	140	-	-
13_T1_Studio_03_Ensuite	133	-	-
13_T1_Studio_04	140	-	-
13_T1_Studio_04_Ensuite	133	-	-
13_T1_Studio_05	140	-	-
13_T1_Studio_05_Ensuite	133	-	-
13_T2_Acc_Studio_01	140	-	-
13_T2_Acc_Studio_01_Ensuite	133	-	-
13_T2_Corridor_01	138	-	-
13_T2_Corridor_02	138	-	-
13_T2_Corridor_03	138	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
13_T2_Lift_Lobby_01	138	-	-
13_T2_Lift_Lobby_02	138	-	-
13_T2_Stair_01	185	-	-
13_T2_Stair_02	185	-	-
13_T2_Studio_01	140	-	-
13_T2_Studio_01_Ensuite	133	-	-
13_T2_Studio_02	140	-	-
13_T2_Studio_02_Ensuite	133	-	-
13_T2_Studio_03	140	-	-
13_T2_Studio_03_Ensuite	133	-	-
13_T2_Studio_04	140	-	-
13_T2_Studio_04_Ensuite	133	-	-
13_T2_Studio_05	140	-	-
13_T2_Studio_05_Ensuite	133	-	-
13_T2_Studio_06	140	-	-
13_T2_Studio_06_Ensuite	133	-	-
13_T2_Studio_07	140	-	-
13_T2_Studio_07_Ensuite	133	-	-
13_T2_Studio_08	140	-	-
13_T2_Studio_08_Ensuite	133	-	-
13_T2_Studio_09	140	-	-
13_T2_Studio_10	140	-	-
13_T2_Studio_10_Ensuite	133	-	-
13_T2_Studio_11	140	-	-
13_T2_Studio_11_Ensuite	133	-	-
13_T2_Studio_13_Ensuite	133	-	-
13_T2_Twodio1_A	140	-	-
13_T2_Twodio1_A_Ensuite	133	-	-
13_T2_Twodio1_B	140	-	-
13_T2_Twodio1_B_Ensuite	133	-	-
13_T2_Twodio1_Kitchen	115	-	-
13_T2_Twodio4_A	140	-	-
13_T2_Twodio4_A_Ensuite	133	-	-
13_T2_Twodio4_B	140	-	-
13_T2_Twodio4_B_Ensuite	133	-	-
13_T2_Twodio4_Kitchen	115	-	-
14_T1_Acc_Studio_01	140	-	-
14_T1_Acc_Studio_01_Ensuite	133	-	-
14_T1_Cluster1_Bed_01	140	-	-
14_T1_Cluster1_Bed_01_Ensuite	133	-	-
14_T1_Cluster1_Bed_02	140	-	-
14_T1_Cluster1_Bed_02_Ensuite	133	-	-
14_T1_Cluster1_Bed_03	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
14_T1_Cluster1_Bed_03_Ensuite	133	-	-
14_T1_Cluster1_Bed_04	140	-	-
14_T1_Cluster1_Bed_04_Ensuite	133	-	-
14_T1_Cluster1_Bed_05	140	-	-
14_T1_Cluster1_Bed_05_Ensuite	133	-	-
14_T1_Cluster1_Bed_06	140	-	-
14_T1_Cluster1_Bed_06_Ensuite	133	-	-
14_T1_Cluster1_Bed_07	140	-	-
14_T1_Cluster1_Bed_07_Ensuite	133	-	-
14_T1_Cluster1_Bed_08	140	-	-
14_T1_Cluster1_Bed_08_Ensuite	133	-	-
14_T1_Cluster1_Bed_10	140	-	-
14_T1_Cluster1_Bed_10_Ensuite	133	-	-
14_T1_Cluster1_Bed_14	140	-	-
14_T1_Cluster1_Bed_14_Ensuite	133	-	-
14_T1_Cluster1_Corridor_01	138	-	-
14_T1_Cluster1_Corridor_02	138	-	-
14_T1_Cluster1_Kitchen	115	-	-
14_T1_Cluster2_Bed_01	140	-	-
14_T1_Cluster2_Bed_01_Ensuite	133	-	-
14_T1_Cluster2_Bed_02	140	-	-
14_T1_Cluster2_Bed_02_Ensuite	133	-	-
14_T1_Cluster2_Bed_03	140	-	-
14_T1_Cluster2_Bed_03_Ensuite	133	-	-
14_T1_Cluster2_Bed_04	140	-	-
14_T1_Cluster2_Bed_04_Ensuite	133	-	-
14_T1_Cluster2_Bed_05	140	-	-
14_T1_Cluster2_Bed_05_Ensuite	133	-	-
14_T1_Cluster2_Bed_06	140	-	-
14_T1_Cluster2_Bed_06_Ensuite	133	-	-
14_T1_Cluster2_Bed_07	140	-	-
14_T1_Cluster2_Bed_07_Ensuite	133	-	-
14_T1_Cluster2_Bed_08	140	-	-
14_T1_Cluster2_Bed_08_Ensuite	133	-	-
14_T1_Cluster2_Bed_10	140	-	-
14_T1_Cluster2_Bed_10_Ensuite	133	-	-
14_T1_Cluster2_Bed_14	140	-	-
14_T1_Cluster2_Bed_14_Ensuite	133	-	-
14_T1_Cluster2_Corridor_01	138	-	-
14_T1_Cluster2_Corridor_02	138	-	-
14_T1_Cluster2_Kitchen	115	-	-
14_T1_Corridor_01	138	-	-
14_T1_Corridor_02	138	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
14_T1_Lift_Lobby_01	138	-	-
14_T1_Lift_Lobby_02	138	-	-
14_T1_Stair_01	185	-	-
14_T1_Stair_02	185	-	-
14_T1_Studio_01	140	-	-
14_T1_Studio_01_Ensuite	133	-	-
14_T1_Studio_02	140	-	-
14_T1_Studio_02_Ensuite	133	-	-
14_T1_Studio_03	140	-	-
14_T1_Studio_03_Ensuite	133	-	-
14_T1_Studio_04	140	-	-
14_T1_Studio_04_Ensuite	133	-	-
14_T1_Studio_05	140	-	-
14_T1_Studio_05_Ensuite	133	-	-
14_T2_Acc_Studio_01	140	-	-
14_T2_Acc_Studio_01_Ensuite	133	-	-
14_T2_Corridor_01	138	-	-
14_T2_Corridor_02	138	-	-
14_T2_Corridor_03	138	-	-
14_T2_Lift_Lobby_01	138	-	-
14_T2_Lift_Lobby_02	138	-	-
14_T2_Stair_01	185	-	-
14_T2_Stair_02	185	-	-
14_T2_Studio_01	140	-	-
14_T2_Studio_01_Ensuite	133	-	-
14_T2_Studio_02	140	-	-
14_T2_Studio_02_Ensuite	133	-	-
14_T2_Studio_03	140	-	-
14_T2_Studio_03_Ensuite	133	-	-
14_T2_Studio_04	140	-	-
14_T2_Studio_04_Ensuite	133	-	-
14_T2_Studio_05	140	-	-
14_T2_Studio_05_Ensuite	133	-	-
14_T2_Studio_06	140	-	-
14_T2_Studio_06_Ensuite	133	-	-
14_T2_Studio_07	140	-	-
14_T2_Studio_07_Ensuite	133	-	-
14_T2_Studio_08	140	-	-
14_T2_Studio_08_Ensuite	133	-	-
14_T2_Studio_09	140	-	-
14_T2_Studio_10	140	-	-
14_T2_Studio_10_Ensuite	133	-	-
14_T2_Studio_11	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
14_T2_Studio_11_Ensuite	133	-	-
14_T2_Studio_14_Ensuite	133	-	-
14_T2_Twodio1_A	140	-	-
14_T2_Twodio1_A_Ensuite	133	-	-
14_T2_Twodio1_B	140	-	-
14_T2_Twodio1_B_Ensuite	133	-	-
14_T2_Twodio1_Kitchen	115	-	-
14_T2_Twodio4_A	140	-	-
14_T2_Twodio4_A_Ensuite	133	-	-
14_T2_Twodio4_B	140	-	-
14_T2_Twodio4_B_Ensuite	133	-	-
14_T2_Twodio4_Kitchen	115	-	-
15_T1_Acc_Studio_01	140	-	-
15_T1_Acc_Studio_01_Ensuite	133	-	-
15_T1_Cluster1_Bed_01	140	-	-
15_T1_Cluster1_Bed_01_Ensuite	133	-	-
15_T1_Cluster1_Bed_02	140	-	-
15_T1_Cluster1_Bed_02_Ensuite	133	-	-
15_T1_Cluster1_Bed_03	140	-	-
15_T1_Cluster1_Bed_03_Ensuite	133	-	-
15_T1_Cluster1_Bed_04	140	-	-
15_T1_Cluster1_Bed_04_Ensuite	133	-	-
15_T1_Cluster1_Bed_05	140	-	-
15_T1_Cluster1_Bed_05_Ensuite	133	-	-
15_T1_Cluster1_Bed_06	140	-	-
15_T1_Cluster1_Bed_06_Ensuite	133	-	-
15_T1_Cluster1_Bed_07	140	-	-
15_T1_Cluster1_Bed_07_Ensuite	133	-	-
15_T1_Cluster1_Bed_08	140	-	-
15_T1_Cluster1_Bed_08_Ensuite	133	-	-
15_T1_Cluster1_Bed_10	140	-	-
15_T1_Cluster1_Bed_10_Ensuite	133	-	-
15_T1_Cluster1_Bed_15	140	-	-
15_T1_Cluster1_Bed_15_Ensuite	133	-	-
15_T1_Cluster1_Corridor_01	138	-	-
15_T1_Cluster1_Corridor_02	138	-	-
15_T1_Cluster1_Kitchen	115	-	-
15_T1_Cluster2_Bed_01	140	-	-
15_T1_Cluster2_Bed_01_Ensuite	133	-	-
15_T1_Cluster2_Bed_02	140	-	-
15_T1_Cluster2_Bed_02_Ensuite	133	-	-
15_T1_Cluster2_Bed_03	140	-	-
15_T1_Cluster2_Bed_03_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
15_T1_Cluster2_Bed_04	140	-	-
15_T1_Cluster2_Bed_04_Ensuite	133	-	-
15_T1_Cluster2_Bed_05	140	-	-
15_T1_Cluster2_Bed_05_Ensuite	133	-	-
15_T1_Cluster2_Bed_06	140	-	-
15_T1_Cluster2_Bed_06_Ensuite	133	-	-
15_T1_Cluster2_Bed_07	140	-	-
15_T1_Cluster2_Bed_07_Ensuite	133	-	-
15_T1_Cluster2_Bed_08	140	-	-
15_T1_Cluster2_Bed_08_Ensuite	133	-	-
15_T1_Cluster2_Bed_10	140	-	-
15_T1_Cluster2_Bed_10_Ensuite	133	-	-
15_T1_Cluster2_Bed_15	140	-	-
15_T1_Cluster2_Bed_15_Ensuite	133	-	-
15_T1_Cluster2_Corridor_01	138	-	-
15_T1_Cluster2_Corridor_02	138	-	-
15_T1_Cluster2_Kitchen	115	-	-
15_T1_Corridor_01	138	-	-
15_T1_Corridor_02	138	-	-
15_T1_Lift_Lobby_01	138	-	-
15_T1_Lift_Lobby_02	138	-	-
15_T1_Stair_01	185	-	-
15_T1_Stair_02	185	-	-
15_T1_Studio_01	140	-	-
15_T1_Studio_01_Ensuite	133	-	-
15_T1_Studio_02	140	-	-
15_T1_Studio_02_Ensuite	133	-	-
15_T1_Studio_03	140	-	-
15_T1_Studio_03_Ensuite	133	-	-
15_T1_Studio_04	140	-	-
15_T1_Studio_04_Ensuite	133	-	-
15_T1_Studio_05	140	-	-
15_T1_Studio_05_Ensuite	133	-	-
15_T2_Acc_Studio_01	140	-	-
15_T2_Acc_Studio_01_Ensuite	133	-	-
15_T2_Corridor_01	138	-	-
15_T2_Corridor_02	138	-	-
15_T2_Corridor_03	138	-	-
15_T2_Lift_Lobby_01	138	-	-
15_T2_Lift_Lobby_02	138	-	-
15_T2_Stair_01	185	-	-
15_T2_Stair_02	185	-	-
15_T2_Studio_01	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
15_T2_Studio_01_Ensuite	133	-	-
15_T2_Studio_02	140	-	-
15_T2_Studio_02_Ensuite	133	-	-
15_T2_Studio_03	140	-	-
15_T2_Studio_03_Ensuite	133	-	-
15_T2_Studio_04	140	-	-
15_T2_Studio_04_Ensuite	133	-	-
15_T2_Studio_05	140	-	-
15_T2_Studio_05_Ensuite	133	-	-
15_T2_Studio_06	140	-	-
15_T2_Studio_06_Ensuite	133	-	-
15_T2_Studio_07	140	-	-
15_T2_Studio_07_Ensuite	133	-	-
15_T2_Studio_08	140	-	-
15_T2_Studio_08_Ensuite	133	-	-
15_T2_Studio_09	140	-	-
15_T2_Studio_10	140	-	-
15_T2_Studio_10_Ensuite	133	-	-
15_T2_Studio_11	140	-	-
15_T2_Studio_11_Ensuite	133	-	-
15_T2_Studio_15_Ensuite	133	-	-
15_T2_Twodio1_A	140	-	-
15_T2_Twodio1_A_Ensuite	133	-	-
15_T2_Twodio1_B	140	-	-
15_T2_Twodio1_B_Ensuite	133	-	-
15_T2_Twodio1_Kitchen	115	-	-
15_T2_Twodio4_A	140	-	-
15_T2_Twodio4_A_Ensuite	133	-	-
15_T2_Twodio4_B	140	-	-
15_T2_Twodio4_B_Ensuite	133	-	-
15_T2_Twodio4_Kitchen	115	-	-
16_T1_Acc_Studio_01	140	-	-
16_T1_Acc_Studio_01_Ensuite	133	-	-
16_T1_Cluster1_Bed_01	140	-	-
16_T1_Cluster1_Bed_01_Ensuite	133	-	-
16_T1_Cluster1_Bed_02	140	-	-
16_T1_Cluster1_Bed_02_Ensuite	133	-	-
16_T1_Cluster1_Bed_03	140	-	-
16_T1_Cluster1_Bed_03_Ensuite	133	-	-
16_T1_Cluster1_Bed_04	140	-	-
16_T1_Cluster1_Bed_04_Ensuite	133	-	-
16_T1_Cluster1_Bed_05	140	-	-
16_T1_Cluster1_Bed_05_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
16_T1_Cluster1_Bed_06	140	-	-
16_T1_Cluster1_Bed_06_Ensuite	133	-	-
16_T1_Cluster1_Bed_07	140	-	-
16_T1_Cluster1_Bed_07_Ensuite	133	-	-
16_T1_Cluster1_Bed_08	140	-	-
16_T1_Cluster1_Bed_08_Ensuite	133	-	-
16_T1_Cluster1_Bed_10	140	-	-
16_T1_Cluster1_Bed_10_Ensuite	133	-	-
16_T1_Cluster1_Bed_16	140	-	-
16_T1_Cluster1_Bed_16_Ensuite	133	-	-
16_T1_Cluster1_Corridor_01	138	-	-
16_T1_Cluster1_Corridor_02	138	-	-
16_T1_Cluster1_Kitchen	115	-	-
16_T1_Cluster2_Bed_01	140	-	-
16_T1_Cluster2_Bed_01_Ensuite	133	-	-
16_T1_Cluster2_Bed_02	140	-	-
16_T1_Cluster2_Bed_02_Ensuite	133	-	-
16_T1_Cluster2_Bed_03	140	-	-
16_T1_Cluster2_Bed_03_Ensuite	133	-	-
16_T1_Cluster2_Bed_04	140	-	-
16_T1_Cluster2_Bed_04_Ensuite	133	-	-
16_T1_Cluster2_Bed_05	140	-	-
16_T1_Cluster2_Bed_05_Ensuite	133	-	-
16_T1_Cluster2_Bed_06	140	-	-
16_T1_Cluster2_Bed_06_Ensuite	133	-	-
16_T1_Cluster2_Bed_07	140	-	-
16_T1_Cluster2_Bed_07_Ensuite	133	-	-
16_T1_Cluster2_Bed_08	140	-	-
16_T1_Cluster2_Bed_08_Ensuite	133	-	-
16_T1_Cluster2_Bed_10	140	-	-
16_T1_Cluster2_Bed_10_Ensuite	133	-	-
16_T1_Cluster2_Bed_16	140	-	-
16_T1_Cluster2_Bed_16_Ensuite	133	-	-
16_T1_Cluster2_Corridor_01	138	-	-
16_T1_Cluster2_Corridor_02	138	-	-
16_T1_Cluster2_Kitchen	115	-	-
16_T1_Corridor_01	138	-	-
16_T1_Corridor_02	138	-	-
16_T1_Lift_Lobby_01	138	-	-
16_T1_Lift_Lobby_02	138	-	-
16_T1_Stair_01	185	-	-
16_T1_Stair_02	185	-	-
16_T1_Studio_01	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
16_T1_Studio_01_Ensuite	133	-	-
16_T1_Studio_02	140	-	-
16_T1_Studio_02_Ensuite	133	-	-
16_T1_Studio_03	140	-	-
16_T1_Studio_03_Ensuite	133	-	-
16_T1_Studio_04	140	-	-
16_T1_Studio_04_Ensuite	133	-	-
16_T1_Studio_05	140	-	-
16_T1_Studio_05_Ensuite	133	-	-
16_T2_Acc_Studio_01	140	-	-
16_T2_Acc_Studio_01_Ensuite	133	-	-
16_T2_Corridor_01	138	-	-
16_T2_Corridor_02	138	-	-
16_T2_Corridor_03	138	-	-
16_T2_Lift_Lobby_01	138	-	-
16_T2_Lift_Lobby_02	138	-	-
16_T2_Stair_01	185	-	-
16_T2_Stair_02	185	-	-
16_T2_Studio_01	140	-	-
16_T2_Studio_01_Ensuite	133	-	-
16_T2_Studio_02	140	-	-
16_T2_Studio_02_Ensuite	133	-	-
16_T2_Studio_03	140	-	-
16_T2_Studio_03_Ensuite	133	-	-
16_T2_Studio_04	140	-	-
16_T2_Studio_04_Ensuite	133	-	-
16_T2_Studio_05	140	-	-
16_T2_Studio_05_Ensuite	133	-	-
16_T2_Studio_06	140	-	-
16_T2_Studio_06_Ensuite	133	-	-
16_T2_Studio_07	140	-	-
16_T2_Studio_07_Ensuite	133	-	-
16_T2_Studio_08	140	-	-
16_T2_Studio_08_Ensuite	133	-	-
16_T2_Studio_09	140	-	-
16_T2_Studio_10	140	-	-
16_T2_Studio_10_Ensuite	133	-	-
16_T2_Studio_11	140	-	-
16_T2_Studio_11_Ensuite	133	-	-
16_T2_Studio_16_Ensuite	133	-	-
16_T2_Twodio1_A	140	-	-
16_T2_Twodio1_A_Ensuite	133	-	-
16_T2_Twodio1_B	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
16_T2_Twodio1_B_Ensuite	133	-	-
16_T2_Twodio1_Kitchen	115	-	-
16_T2_Twodio4_A	140	-	-
16_T2_Twodio4_A_Ensuite	133	-	-
16_T2_Twodio4_B	140	-	-
16_T2_Twodio4_B_Ensuite	133	-	-
16_T2_Twodio4_Kitchen	115	-	-
17_T1_Acc_Studio_01	140	-	-
17_T1_Acc_Studio_01_Ensuite	133	-	-
17_T1_Cluster1_Bed_01	140	-	-
17_T1_Cluster1_Bed_01_Ensuite	133	-	-
17_T1_Cluster1_Bed_02	140	-	-
17_T1_Cluster1_Bed_02_Ensuite	133	-	-
17_T1_Cluster1_Bed_03	140	-	-
17_T1_Cluster1_Bed_03_Ensuite	133	-	-
17_T1_Cluster1_Bed_04	140	-	-
17_T1_Cluster1_Bed_04_Ensuite	133	-	-
17_T1_Cluster1_Bed_05	140	-	-
17_T1_Cluster1_Bed_05_Ensuite	133	-	-
17_T1_Cluster1_Bed_06	140	-	-
17_T1_Cluster1_Bed_06_Ensuite	133	-	-
17_T1_Cluster1_Bed_07	140	-	-
17_T1_Cluster1_Bed_07_Ensuite	133	-	-
17_T1_Cluster1_Bed_08	140	-	-
17_T1_Cluster1_Bed_08_Ensuite	133	-	-
17_T1_Cluster1_Bed_10	140	-	-
17_T1_Cluster1_Bed_10_Ensuite	133	-	-
17_T1_Cluster1_Bed_17	140	-	-
17_T1_Cluster1_Bed_17_Ensuite	133	-	-
17_T1_Cluster1_Corridor_01	138	-	-
17_T1_Cluster1_Corridor_02	138	-	-
17_T1_Cluster1_Kitchen	115	-	-
17_T1_Cluster2_Bed_01	140	-	-
17_T1_Cluster2_Bed_01_Ensuite	133	-	-
17_T1_Cluster2_Bed_02	140	-	-
17_T1_Cluster2_Bed_02_Ensuite	133	-	-
17_T1_Cluster2_Bed_03	140	-	-
17_T1_Cluster2_Bed_03_Ensuite	133	-	-
17_T1_Cluster2_Bed_04	140	-	-
17_T1_Cluster2_Bed_04_Ensuite	133	-	-
17_T1_Cluster2_Bed_05	140	-	-
17_T1_Cluster2_Bed_05_Ensuite	133	-	-
17_T1_Cluster2_Bed_06	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
17_T1_Cluster2_Bed_06_Ensuite	133	-	-
17_T1_Cluster2_Bed_07	140	-	-
17_T1_Cluster2_Bed_07_Ensuite	133	-	-
17_T1_Cluster2_Bed_08	140	-	-
17_T1_Cluster2_Bed_08_Ensuite	133	-	-
17_T1_Cluster2_Bed_10	140	-	-
17_T1_Cluster2_Bed_10_Ensuite	133	-	-
17_T1_Cluster2_Bed_17	140	-	-
17_T1_Cluster2_Bed_17_Ensuite	133	-	-
17_T1_Cluster2_Corridor_01	138	-	-
17_T1_Cluster2_Corridor_02	138	-	-
17_T1_Cluster2_Kitchen	115	-	-
17_T1_Corridor_01	138	-	-
17_T1_Corridor_02	138	-	-
17_T1_Lift_Lobby_01	138	-	-
17_T1_Lift_Lobby_02	138	-	-
17_T1_Stair_01	185	-	-
17_T1_Stair_02	185	-	-
17_T1_Studio_01	140	-	-
17_T1_Studio_01_Ensuite	133	-	-
17_T1_Studio_02	140	-	-
17_T1_Studio_02_Ensuite	133	-	-
17_T1_Studio_03	140	-	-
17_T1_Studio_03_Ensuite	133	-	-
17_T1_Studio_04	140	-	-
17_T1_Studio_04_Ensuite	133	-	-
17_T1_Studio_05	140	-	-
17_T1_Studio_05_Ensuite	133	-	-
17_T2_Acc_Studio_01	140	-	-
17_T2_Acc_Studio_01_Ensuite	133	-	-
17_T2_Corridor_01	138	-	-
17_T2_Corridor_02	138	-	-
17_T2_Corridor_03	138	-	-
17_T2_Lift_Lobby_01	138	-	-
17_T2_Lift_Lobby_02	138	-	-
17_T2_Stair_01	185	-	-
17_T2_Stair_02	185	-	-
17_T2_Studio_01	140	-	-
17_T2_Studio_01_Ensuite	133	-	-
17_T2_Studio_02	140	-	-
17_T2_Studio_02_Ensuite	133	-	-
17_T2_Studio_03	140	-	-
17_T2_Studio_03_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
17_T2_Studio_04	140	-	-
17_T2_Studio_04_Ensuite	133	-	-
17_T2_Studio_05	140	-	-
17_T2_Studio_05_Ensuite	133	-	-
17_T2_Studio_06	140	-	-
17_T2_Studio_06_Ensuite	133	-	-
17_T2_Studio_07	140	-	-
17_T2_Studio_07_Ensuite	133	-	-
17_T2_Studio_08	140	-	-
17_T2_Studio_08_Ensuite	133	-	-
17_T2_Studio_09	140	-	-
17_T2_Studio_10	140	-	-
17_T2_Studio_10_Ensuite	133	-	-
17_T2_Studio_11	140	-	-
17_T2_Studio_11_Ensuite	133	-	-
17_T2_Studio_17_Ensuite	133	-	-
17_T2_Twodio1_A	140	-	-
17_T2_Twodio1_A_Ensuite	133	-	-
17_T2_Twodio1_B	140	-	-
17_T2_Twodio1_B_Ensuite	133	-	-
17_T2_Twodio1_Kitchen	115	-	-
17_T2_Twodio4_A	140	-	-
17_T2_Twodio4_A_Ensuite	133	-	-
17_T2_Twodio4_B	140	-	-
17_T2_Twodio4_B_Ensuite	133	-	-
17_T2_Twodio4_Kitchen	115	-	-
18_T1_Acc_Studio_01	140	-	-
18_T1_Acc_Studio_01_Ensuite	133	-	-
18_T1_Cluster1_Bed_01	140	-	-
18_T1_Cluster1_Bed_01_Ensuite	133	-	-
18_T1_Cluster1_Bed_02	140	-	-
18_T1_Cluster1_Bed_02_Ensuite	133	-	-
18_T1_Cluster1_Bed_03	140	-	-
18_T1_Cluster1_Bed_03_Ensuite	133	-	-
18_T1_Cluster1_Bed_04	140	-	-
18_T1_Cluster1_Bed_04_Ensuite	133	-	-
18_T1_Cluster1_Bed_05	140	-	-
18_T1_Cluster1_Bed_05_Ensuite	133	-	-
18_T1_Cluster1_Bed_06	140	-	-
18_T1_Cluster1_Bed_06_Ensuite	133	-	-
18_T1_Cluster1_Bed_07	140	-	-
18_T1_Cluster1_Bed_07_Ensuite	133	-	-
18_T1_Cluster1_Bed_08	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
18_T1_Cluster1_Bed_08_Ensuite	133	-	-
18_T1_Cluster1_Bed_10	140	-	-
18_T1_Cluster1_Bed_10_Ensuite	133	-	-
18_T1_Cluster1_Bed_18	140	-	-
18_T1_Cluster1_Bed_18_Ensuite	133	-	-
18_T1_Cluster1_Corridor_01	138	-	-
18_T1_Cluster1_Corridor_02	138	-	-
18_T1_Cluster1_Kitchen	115	-	-
18_T1_Cluster2_Bed_01	140	-	-
18_T1_Cluster2_Bed_01_Ensuite	133	-	-
18_T1_Cluster2_Bed_02	140	-	-
18_T1_Cluster2_Bed_02_Ensuite	133	-	-
18_T1_Cluster2_Bed_03	140	-	-
18_T1_Cluster2_Bed_03_Ensuite	133	-	-
18_T1_Cluster2_Bed_04	140	-	-
18_T1_Cluster2_Bed_04_Ensuite	133	-	-
18_T1_Cluster2_Bed_05	140	-	-
18_T1_Cluster2_Bed_05_Ensuite	133	-	-
18_T1_Cluster2_Bed_06	140	-	-
18_T1_Cluster2_Bed_06_Ensuite	133	-	-
18_T1_Cluster2_Bed_07	140	-	-
18_T1_Cluster2_Bed_07_Ensuite	133	-	-
18_T1_Cluster2_Bed_08	140	-	-
18_T1_Cluster2_Bed_08_Ensuite	133	-	-
18_T1_Cluster2_Bed_10	140	-	-
18_T1_Cluster2_Bed_10_Ensuite	133	-	-
18_T1_Cluster2_Bed_18	140	-	-
18_T1_Cluster2_Bed_18_Ensuite	133	-	-
18_T1_Cluster2_Corridor_01	138	-	-
18_T1_Cluster2_Corridor_02	138	-	-
18_T1_Cluster2_Kitchen	115	-	-
18_T1_Corridor_01	138	-	-
18_T1_Corridor_02	138	-	-
18_T1_Lift_Lobby_01	138	-	-
18_T1_Lift_Lobby_02	138	-	-
18_T1_Stair_01	185	-	-
18_T1_Stair_02	185	-	-
18_T1_Studio_01	140	-	-
18_T1_Studio_01_Ensuite	133	-	-
18_T1_Studio_02	140	-	-
18_T1_Studio_02_Ensuite	133	-	-
18_T1_Studio_03	140	-	-
18_T1_Studio_03_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
18_T1_Studio_04	140	-	-
18_T1_Studio_04_Ensuite	133	-	-
18_T1_Studio_05	140	-	-
18_T1_Studio_05_Ensuite	133	-	-
18_T2_Acc_Studio_01	140	-	-
18_T2_Acc_Studio_01_Ensuite	133	-	-
18_T2_Corridor_01	138	-	-
18_T2_Corridor_02	138	-	-
18_T2_Corridor_03	138	-	-
18_T2_Lift_Lobby_01	138	-	-
18_T2_Lift_Lobby_02	138	-	-
18_T2_Stair_01	185	-	-
18_T2_Stair_02	185	-	-
18_T2_Studio_01	140	-	-
18_T2_Studio_01_Ensuite	133	-	-
18_T2_Studio_02	140	-	-
18_T2_Studio_02_Ensuite	133	-	-
18_T2_Studio_03	140	-	-
18_T2_Studio_03_Ensuite	133	-	-
18_T2_Studio_04	140	-	-
18_T2_Studio_04_Ensuite	133	-	-
18_T2_Studio_05	140	-	-
18_T2_Studio_05_Ensuite	133	-	-
18_T2_Studio_06	140	-	-
18_T2_Studio_06_Ensuite	133	-	-
18_T2_Studio_07	140	-	-
18_T2_Studio_07_Ensuite	133	-	-
18_T2_Studio_08	140	-	-
18_T2_Studio_08_Ensuite	133	-	-
18_T2_Studio_09	140	-	-
18_T2_Studio_10	140	-	-
18_T2_Studio_10_Ensuite	133	-	-
18_T2_Studio_11	140	-	-
18_T2_Studio_11_Ensuite	133	-	-
18_T2_Studio_18_Ensuite	133	-	-
18_T2_Twodio1_A	140	-	-
18_T2_Twodio1_A_Ensuite	133	-	-
18_T2_Twodio1_B	140	-	-
18_T2_Twodio1_B_Ensuite	133	-	-
18_T2_Twodio1_Kitchen	115	-	-
18_T2_Twodio4_A	140	-	-
18_T2_Twodio4_A_Ensuite	133	-	-
18_T2_Twodio4_B	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
18_T2_Twodio4_B_Ensuite	133	-	-
18_T2_Twodio4_Kitchen	115	-	-
19_T1_Acc_Studio_01	140	-	-
19_T1_Acc_Studio_01_Ensuite	133	-	-
19_T1_Amenity	110	-	-
19_T1_Cluster1_Bed_01	140	-	-
19_T1_Cluster1_Bed_01_Ensuite	133	-	-
19_T1_Cluster1_Bed_02	140	-	-
19_T1_Cluster1_Bed_02_Ensuite	133	-	-
19_T1_Cluster1_Bed_03	140	-	-
19_T1_Cluster1_Bed_03_Ensuite	133	-	-
19_T1_Cluster1_Bed_04	140	-	-
19_T1_Cluster1_Bed_04_Ensuite	133	-	-
19_T1_Cluster1_Bed_05	140	-	-
19_T1_Cluster1_Bed_05_Ensuite	133	-	-
19_T1_Cluster1_Bed_06	140	-	-
19_T1_Cluster1_Bed_06_Ensuite	133	-	-
19_T1_Cluster1_Bed_07	140	-	-
19_T1_Cluster1_Bed_07_Ensuite	133	-	-
19_T1_Cluster1_Bed_08	140	-	-
19_T1_Cluster1_Bed_08_Ensuite	133	-	-
19_T1_Cluster1_Bed_10	140	-	-
19_T1_Cluster1_Bed_10_Ensuite	133	-	-
19_T1_Cluster1_Bed_19	140	-	-
19_T1_Cluster1_Bed_19_Ensuite	133	-	-
19_T1_Cluster1_Corridor_01	138	-	-
19_T1_Cluster1_Corridor_02	138	-	-
19_T1_Cluster1_Kitchen	115	-	-
19_T1_Cluster2_Bed_01	140	-	-
19_T1_Cluster2_Bed_01_Ensuite	133	-	-
19_T1_Cluster2_Bed_02	140	-	-
19_T1_Cluster2_Bed_02_Ensuite	133	-	-
19_T1_Cluster2_Bed_03	140	-	-
19_T1_Cluster2_Bed_03_Ensuite	133	-	-
19_T1_Cluster2_Bed_04	140	-	-
19_T1_Cluster2_Bed_04_Ensuite	133	-	-
19_T1_Cluster2_Bed_05	140	-	-
19_T1_Cluster2_Bed_05_Ensuite	133	-	-
19_T1_Cluster2_Bed_06	140	-	-
19_T1_Cluster2_Bed_06_Ensuite	133	-	-
19_T1_Cluster2_Corridor_01	138	-	-
19_T1_Cluster2_Corridor_02	138	-	-
19_T1_Cluster2_Kitchen	115	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
19_T1_Corridor_01	138	-	-
19_T1_Corridor_02	138	-	-
19_T1_Lift_Lobby_01	138	-	-
19_T1_Lift_Lobby_02	138	-	-
19_T1_Stair_01	185	-	-
19_T1_Stair_02	185	-	-
19_T1_Studio_01	140	-	-
19_T1_Studio_01_Ensuite	133	-	-
19_T1_Studio_02	140	-	-
19_T1_Studio_02_Ensuite	133	-	-
19_T1_Studio_03	140	-	-
19_T1_Studio_03_Ensuite	133	-	-
19_T1_Studio_04	140	-	-
19_T1_Studio_04_Ensuite	133	-	-
19_T1_Studio_05	140	-	-
19_T1_Studio_05_Ensuite	133	-	-
19_T2_Acc_Studio_01	140	-	-
19_T2_Acc_Studio_01_Ensuite	133	-	-
19_T2_Corridor_01	138	-	-
19_T2_Corridor_02	138	-	-
19_T2_Corridor_03	138	-	-
19_T2_Lift_Lobby_01	138	-	-
19_T2_Lift_Lobby_02	138	-	-
19_T2_Stair_01	185	-	-
19_T2_Stair_02	185	-	-
19_T2_Studio_01	140	-	-
19_T2_Studio_01_Ensuite	133	-	-
19_T2_Studio_02	140	-	-
19_T2_Studio_02_Ensuite	133	-	-
19_T2_Studio_03	140	-	-
19_T2_Studio_03_Ensuite	133	-	-
19_T2_Studio_04	140	-	-
19_T2_Studio_04_Ensuite	133	-	-
19_T2_Studio_05	140	-	-
19_T2_Studio_05_Ensuite	133	-	-
19_T2_Studio_06	140	-	-
19_T2_Studio_06_Ensuite	133	-	-
19_T2_Studio_07	140	-	-
19_T2_Studio_07_Ensuite	133	-	-
19_T2_Studio_08	140	-	-
19_T2_Studio_08_Ensuite	133	-	-
19_T2_Studio_09	140	-	-
19_T2_Studio_10	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
19_T2_Studio_10_Ensuite	133	-	-
19_T2_Studio_11	140	-	-
19_T2_Studio_11_Ensuite	133	-	-
19_T2_Studio_19_Ensuite	133	-	-
19_T2_Twodio1_A	140	-	-
19_T2_Twodio1_A_Ensuite	133	-	-
19_T2_Twodio1_B	140	-	-
19_T2_Twodio1_B_Ensuite	133	-	-
19_T2_Twodio1_Kitchen	115	-	-
19_T2_Twodio4_A	140	-	-
19_T2_Twodio4_A_Ensuite	133	-	-
19_T2_Twodio4_B	140	-	-
19_T2_Twodio4_B_Ensuite	133	-	-
19_T2_Twodio4_Kitchen	115	-	-
20_T1_Acc_Studio_01	140	-	-
20_T1_Acc_Studio_01_Ensuite	133	-	-
20_T1_Cluster1_Bed_01	140	-	-
20_T1_Cluster1_Bed_01_Ensuite	133	-	-
20_T1_Cluster1_Bed_02	140	-	-
20_T1_Cluster1_Bed_02_Ensuite	133	-	-
20_T1_Cluster1_Bed_03	140	-	-
20_T1_Cluster1_Bed_03_Ensuite	133	-	-
20_T1_Cluster1_Bed_04	140	-	-
20_T1_Cluster1_Bed_04_Ensuite	133	-	-
20_T1_Cluster1_Bed_05	140	-	-
20_T1_Cluster1_Bed_05_Ensuite	133	-	-
20_T1_Cluster1_Bed_06	140	-	-
20_T1_Cluster1_Bed_06_Ensuite	133	-	-
20_T1_Cluster1_Bed_07	140	-	-
20_T1_Cluster1_Bed_07_Ensuite	133	-	-
20_T1_Cluster1_Bed_08	140	-	-
20_T1_Cluster1_Bed_08_Ensuite	133	-	-
20_T1_Cluster1_Bed_10	140	-	-
20_T1_Cluster1_Bed_10_Ensuite	133	-	-
20_T1_Cluster1_Bed_20	140	-	-
20_T1_Cluster1_Bed_20_Ensuite	133	-	-
20_T1_Cluster1_Corridor_01	138	-	-
20_T1_Cluster1_Corridor_02	138	-	-
20_T1_Cluster1_Kitchen	115	-	-
20_T1_Cluster2_Bed_01	140	-	-
20_T1_Cluster2_Bed_01_Ensuite	133	-	-
20_T1_Cluster2_Bed_02	140	-	-
20_T1_Cluster2_Bed_02_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
20_T1_Cluster2_Bed_03	140	-	-
20_T1_Cluster2_Bed_03_Ensuite	133	-	-
20_T1_Cluster2_Bed_04	140	-	-
20_T1_Cluster2_Bed_04_Ensuite	133	-	-
20_T1_Cluster2_Bed_05	140	-	-
20_T1_Cluster2_Bed_05_Ensuite	133	-	-
20_T1_Cluster2_Bed_06	140	-	-
20_T1_Cluster2_Bed_06_Ensuite	133	-	-
20_T1_Cluster2_Bed_07	140	-	-
20_T1_Cluster2_Bed_07_Ensuite	133	-	-
20_T1_Cluster2_Bed_08	140	-	-
20_T1_Cluster2_Bed_08_Ensuite	133	-	-
20_T1_Cluster2_Bed_10	140	-	-
20_T1_Cluster2_Bed_10_Ensuite	133	-	-
20_T1_Cluster2_Bed_20	140	-	-
20_T1_Cluster2_Bed_20_Ensuite	133	-	-
20_T1_Cluster2_Corridor_01	138	-	-
20_T1_Cluster2_Corridor_02	138	-	-
20_T1_Cluster2_Kitchen	115	-	-
20_T1_Corridor_01	138	-	-
20_T1_Corridor_02	138	-	-
20_T1_Lift_Lobby_01	138	-	-
20_T1_Lift_Lobby_02	138	-	-
20_T1_Stair_01	185	-	-
20_T1_Stair_02	185	-	-
20_T1_Studio_01	140	-	-
20_T1_Studio_01_Ensuite	133	-	-
20_T1_Studio_02	140	-	-
20_T1_Studio_02_Ensuite	133	-	-
20_T1_Studio_03	140	-	-
20_T1_Studio_03_Ensuite	133	-	-
20_T1_Studio_04	140	-	-
20_T1_Studio_04_Ensuite	133	-	-
20_T1_Studio_05	140	-	-
20_T1_Studio_05_Ensuite	133	-	-
20_T2_Acc_Studio_01	140	-	-
20_T2_Acc_Studio_01_Ensuite	133	-	-
20_T2_Corridor_01	138	-	-
20_T2_Corridor_02	138	-	-
20_T2_Corridor_03	138	-	-
20_T2_Lift_Lobby_01	138	-	-
20_T2_Lift_Lobby_02	138	-	-
20_T2_Stair_01	185	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
20_T2_Stair_02	185	-	-
20_T2_Studio_01	140	-	-
20_T2_Studio_01_Ensuite	133	-	-
20_T2_Studio_02	140	-	-
20_T2_Studio_02_Ensuite	133	-	-
20_T2_Studio_03	140	-	-
20_T2_Studio_03_Ensuite	133	-	-
20_T2_Studio_04	140	-	-
20_T2_Studio_04_Ensuite	133	-	-
20_T2_Studio_05	140	-	-
20_T2_Studio_05_Ensuite	133	-	-
20_T2_Studio_06	140	-	-
20_T2_Studio_06_Ensuite	133	-	-
20_T2_Studio_07	140	-	-
20_T2_Studio_07_Ensuite	133	-	-
20_T2_Studio_08	140	-	-
20_T2_Studio_08_Ensuite	133	-	-
20_T2_Studio_09	140	-	-
20_T2_Studio_10	140	-	-
20_T2_Studio_10_Ensuite	133	-	-
20_T2_Studio_11	140	-	-
20_T2_Studio_11_Ensuite	133	-	-
20_T2_Studio_20_Ensuite	133	-	-
20_T2_Twodio1_A	140	-	-
20_T2_Twodio1_A_Ensuite	133	-	-
20_T2_Twodio1_B	140	-	-
20_T2_Twodio1_B_Ensuite	133	-	-
20_T2_Twodio1_Kitchen	115	-	-
20_T2_Twodio4_A	140	-	-
20_T2_Twodio4_A_Ensuite	133	-	-
20_T2_Twodio4_B	140	-	-
20_T2_Twodio4_B_Ensuite	133	-	-
20_T2_Twodio4_Kitchen	115	-	-
21_T1_Acc_Studio_01	140	-	-
21_T1_Acc_Studio_01_Ensuite	133	-	-
21_T1_Cluster1_Bed_01	140	-	-
21_T1_Cluster1_Bed_01_Ensuite	133	-	-
21_T1_Cluster1_Bed_02	140	-	-
21_T1_Cluster1_Bed_02_Ensuite	133	-	-
21_T1_Cluster1_Bed_03	140	-	-
21_T1_Cluster1_Bed_03_Ensuite	133	-	-
21_T1_Cluster1_Bed_04	140	-	-
21_T1_Cluster1_Bed_04_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
21_T1_Cluster1_Bed_05	140	-	-
21_T1_Cluster1_Bed_05_Ensuite	133	-	-
21_T1_Cluster1_Bed_06	140	-	-
21_T1_Cluster1_Bed_06_Ensuite	133	-	-
21_T1_Cluster1_Bed_07	140	-	-
21_T1_Cluster1_Bed_07_Ensuite	133	-	-
21_T1_Cluster1_Bed_08	140	-	-
21_T1_Cluster1_Bed_08_Ensuite	133	-	-
21_T1_Cluster1_Bed_10	140	-	-
21_T1_Cluster1_Bed_10_Ensuite	133	-	-
21_T1_Cluster1_Bed_21	140	-	-
21_T1_Cluster1_Bed_21_Ensuite	133	-	-
21_T1_Cluster1_Corridor_01	138	-	-
21_T1_Cluster1_Corridor_02	138	-	-
21_T1_Cluster1_Kitchen	115	-	-
21_T1_Cluster2_Bed_01	140	-	-
21_T1_Cluster2_Bed_01_Ensuite	133	-	-
21_T1_Cluster2_Bed_02	140	-	-
21_T1_Cluster2_Bed_02_Ensuite	133	-	-
21_T1_Cluster2_Bed_03	140	-	-
21_T1_Cluster2_Bed_03_Ensuite	133	-	-
21_T1_Cluster2_Bed_04	140	-	-
21_T1_Cluster2_Bed_04_Ensuite	133	-	-
21_T1_Cluster2_Bed_05	140	-	-
21_T1_Cluster2_Bed_05_Ensuite	133	-	-
21_T1_Cluster2_Bed_06	140	-	-
21_T1_Cluster2_Bed_06_Ensuite	133	-	-
21_T1_Cluster2_Bed_07	140	-	-
21_T1_Cluster2_Bed_07_Ensuite	133	-	-
21_T1_Cluster2_Bed_08	140	-	-
21_T1_Cluster2_Bed_08_Ensuite	133	-	-
21_T1_Cluster2_Bed_10	140	-	-
21_T1_Cluster2_Bed_10_Ensuite	133	-	-
21_T1_Cluster2_Bed_21	140	-	-
21_T1_Cluster2_Bed_21_Ensuite	133	-	-
21_T1_Cluster2_Corridor_01	138	-	-
21_T1_Cluster2_Corridor_02	138	-	-
21_T1_Cluster2_Kitchen	115	-	-
21_T1_Corridor_01	138	-	-
21_T1_Corridor_02	138	-	-
21_T1_Lift_Lobby_01	138	-	-
21_T1_Lift_Lobby_02	138	-	-
21_T1_Stair_01	185	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
21_T1_Stair_02	185	-	-
21_T1_Studio_01	140	-	-
21_T1_Studio_01_Ensuite	133	-	-
21_T1_Studio_02	140	-	-
21_T1_Studio_02_Ensuite	133	-	-
21_T1_Studio_03	140	-	-
21_T1_Studio_03_Ensuite	133	-	-
21_T1_Studio_04	140	-	-
21_T1_Studio_04_Ensuite	133	-	-
21_T1_Studio_05	140	-	-
21_T1_Studio_05_Ensuite	133	-	-
21_T2_Acc_Studio_01	140	-	-
21_T2_Acc_Studio_01_Ensuite	133	-	-
21_T2_Corridor_01	138	-	-
21_T2_Corridor_02	138	-	-
21_T2_Corridor_03	138	-	-
21_T2_Lift_Lobby_01	138	-	-
21_T2_Lift_Lobby_02	138	-	-
21_T2_Stair_01	185	-	-
21_T2_Stair_02	185	-	-
21_T2_Studio_01	140	-	-
21_T2_Studio_01_Ensuite	133	-	-
21_T2_Studio_02	140	-	-
21_T2_Studio_02_Ensuite	133	-	-
21_T2_Studio_03	140	-	-
21_T2_Studio_03_Ensuite	133	-	-
21_T2_Studio_04	140	-	-
21_T2_Studio_04_Ensuite	133	-	-
21_T2_Studio_05	140	-	-
21_T2_Studio_05_Ensuite	133	-	-
21_T2_Studio_06	140	-	-
21_T2_Studio_06_Ensuite	133	-	-
21_T2_Studio_07	140	-	-
21_T2_Studio_07_Ensuite	133	-	-
21_T2_Studio_08	140	-	-
21_T2_Studio_08_Ensuite	133	-	-
21_T2_Studio_09	140	-	-
21_T2_Studio_10	140	-	-
21_T2_Studio_10_Ensuite	133	-	-
21_T2_Studio_11	140	-	-
21_T2_Studio_11_Ensuite	133	-	-
21_T2_Studio_21_Ensuite	133	-	-
21_T2_Twodio1_A	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
21_T2_Twodio1_A_Ensuite	133	-	-
21_T2_Twodio1_B	140	-	-
21_T2_Twodio1_B_Ensuite	133	-	-
21_T2_Twodio1_Kitchen	115	-	-
21_T2_Twodio4_A	140	-	-
21_T2_Twodio4_A_Ensuite	133	-	-
21_T2_Twodio4_B	140	-	-
21_T2_Twodio4_B_Ensuite	133	-	-
21_T2_Twodio4_Kitchen	115	-	-
22_T1_Acc_Studio_01	140	-	-
22_T1_Acc_Studio_01_Ensuite	133	-	-
22_T1_Cluster1_Bed_01	140	-	-
22_T1_Cluster1_Bed_01_Ensuite	133	-	-
22_T1_Cluster1_Bed_02	140	-	-
22_T1_Cluster1_Bed_02_Ensuite	133	-	-
22_T1_Cluster1_Bed_03	140	-	-
22_T1_Cluster1_Bed_03_Ensuite	133	-	-
22_T1_Cluster1_Bed_04	140	-	-
22_T1_Cluster1_Bed_04_Ensuite	133	-	-
22_T1_Cluster1_Bed_05	140	-	-
22_T1_Cluster1_Bed_05_Ensuite	133	-	-
22_T1_Cluster1_Bed_06	140	-	-
22_T1_Cluster1_Bed_06_Ensuite	133	-	-
22_T1_Cluster1_Bed_07	140	-	-
22_T1_Cluster1_Bed_07_Ensuite	133	-	-
22_T1_Cluster1_Bed_08	140	-	-
22_T1_Cluster1_Bed_08_Ensuite	133	-	-
22_T1_Cluster1_Bed_10	140	-	-
22_T1_Cluster1_Bed_10_Ensuite	133	-	-
22_T1_Cluster1_Bed_22	140	-	-
22_T1_Cluster1_Bed_22_Ensuite	133	-	-
22_T1_Cluster1_Corridor_01	138	-	-
22_T1_Cluster1_Corridor_02	138	-	-
22_T1_Cluster1_Kitchen	115	-	-
22_T1_Cluster2_Bed_01	140	-	-
22_T1_Cluster2_Bed_01_Ensuite	133	-	-
22_T1_Cluster2_Bed_02	140	-	-
22_T1_Cluster2_Bed_02_Ensuite	133	-	-
22_T1_Cluster2_Bed_03	140	-	-
22_T1_Cluster2_Bed_03_Ensuite	133	-	-
22_T1_Cluster2_Bed_04	140	-	-
22_T1_Cluster2_Bed_04_Ensuite	133	-	-
22_T1_Cluster2_Bed_05	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
22_T1_Cluster2_Bed_05_Ensuite	133	-	-
22_T1_Cluster2_Bed_06	140	-	-
22_T1_Cluster2_Bed_06_Ensuite	133	-	-
22_T1_Cluster2_Bed_07	140	-	-
22_T1_Cluster2_Bed_07_Ensuite	133	-	-
22_T1_Cluster2_Bed_08	140	-	-
22_T1_Cluster2_Bed_08_Ensuite	133	-	-
22_T1_Cluster2_Bed_10	140	-	-
22_T1_Cluster2_Bed_10_Ensuite	133	-	-
22_T1_Cluster2_Bed_22	140	-	-
22_T1_Cluster2_Bed_22_Ensuite	133	-	-
22_T1_Cluster2_Corridor_01	138	-	-
22_T1_Cluster2_Corridor_02	138	-	-
22_T1_Cluster2_Kitchen	115	-	-
22_T1_Corridor_01	138	-	-
22_T1_Corridor_02	138	-	-
22_T1_Lift_Lobby_01	138	-	-
22_T1_Lift_Lobby_02	138	-	-
22_T1_Stair_01	185	-	-
22_T1_Stair_02	185	-	-
22_T1_Studio_01	140	-	-
22_T1_Studio_01_Ensuite	133	-	-
22_T1_Studio_02	140	-	-
22_T1_Studio_02_Ensuite	133	-	-
22_T1_Studio_03	140	-	-
22_T1_Studio_03_Ensuite	133	-	-
22_T1_Studio_04	140	-	-
22_T1_Studio_04_Ensuite	133	-	-
22_T1_Studio_05	140	-	-
22_T1_Studio_05_Ensuite	133	-	-
23_T1_Acc_Studio_01	140	-	-
23_T1_Acc_Studio_01_Ensuite	133	-	-
23_T1_Cluster1_Bed_01	140	-	-
23_T1_Cluster1_Bed_01_Ensuite	133	-	-
23_T1_Cluster1_Bed_02	140	-	-
23_T1_Cluster1_Bed_02_Ensuite	133	-	-
23_T1_Cluster1_Bed_03	140	-	-
23_T1_Cluster1_Bed_03_Ensuite	133	-	-
23_T1_Cluster1_Bed_04	140	-	-
23_T1_Cluster1_Bed_04_Ensuite	133	-	-
23_T1_Cluster1_Bed_05	140	-	-
23_T1_Cluster1_Bed_05_Ensuite	133	-	-
23_T1_Cluster1_Bed_06	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
23_T1_Cluster1_Bed_06_Ensuite	133	-	-
23_T1_Cluster1_Bed_07	140	-	-
23_T1_Cluster1_Bed_07_Ensuite	133	-	-
23_T1_Cluster1_Bed_08	140	-	-
23_T1_Cluster1_Bed_08_Ensuite	133	-	-
23_T1_Cluster1_Bed_10	140	-	-
23_T1_Cluster1_Bed_10_Ensuite	133	-	-
23_T1_Cluster1_Bed_23	140	-	-
23_T1_Cluster1_Bed_23_Ensuite	133	-	-
23_T1_Cluster1_Corridor_01	138	-	-
23_T1_Cluster1_Corridor_02	138	-	-
23_T1_Cluster1_Kitchen	115	-	-
23_T1_Cluster2_Bed_01	140	-	-
23_T1_Cluster2_Bed_01_Ensuite	133	-	-
23_T1_Cluster2_Bed_02	140	-	-
23_T1_Cluster2_Bed_02_Ensuite	133	-	-
23_T1_Cluster2_Bed_03	140	-	-
23_T1_Cluster2_Bed_03_Ensuite	133	-	-
23_T1_Cluster2_Bed_04	140	-	-
23_T1_Cluster2_Bed_04_Ensuite	133	-	-
23_T1_Cluster2_Bed_05	140	-	-
23_T1_Cluster2_Bed_05_Ensuite	133	-	-
23_T1_Cluster2_Bed_06	140	-	-
23_T1_Cluster2_Bed_06_Ensuite	133	-	-
23_T1_Cluster2_Bed_07	140	-	-
23_T1_Cluster2_Bed_07_Ensuite	133	-	-
23_T1_Cluster2_Bed_08	140	-	-
23_T1_Cluster2_Bed_08_Ensuite	133	-	-
23_T1_Cluster2_Bed_10	140	-	-
23_T1_Cluster2_Bed_10_Ensuite	133	-	-
23_T1_Cluster2_Bed_23	140	-	-
23_T1_Cluster2_Bed_23_Ensuite	133	-	-
23_T1_Cluster2_Corridor_01	138	-	-
23_T1_Cluster2_Corridor_02	138	-	-
23_T1_Cluster2_Kitchen	115	-	-
23_T1_Corridor_01	138	-	-
23_T1_Corridor_02	138	-	-
23_T1_Lift_Lobby_01	138	-	-
23_T1_Lift_Lobby_02	138	-	-
23_T1_Stair_01	185	-	-
23_T1_Stair_02	185	-	-
23_T1_Studio_01	140	-	-
23_T1_Studio_01_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
23_T1_Studio_02	140	-	-
23_T1_Studio_02_Ensuite	133	-	-
23_T1_Studio_03	140	-	-
23_T1_Studio_03_Ensuite	133	-	-
23_T1_Studio_04	140	-	-
23_T1_Studio_04_Ensuite	133	-	-
23_T1_Studio_05	140	-	-
23_T1_Studio_05_Ensuite	133	-	-
24_T1_Acc_Studio_01	140	-	-
24_T1_Acc_Studio_01_Ensuite	133	-	-
24_T1_Cluster1_Bed_01	140	-	-
24_T1_Cluster1_Bed_01_Ensuite	133	-	-
24_T1_Cluster1_Bed_02	140	-	-
24_T1_Cluster1_Bed_02_Ensuite	133	-	-
24_T1_Cluster1_Bed_03	140	-	-
24_T1_Cluster1_Bed_03_Ensuite	133	-	-
24_T1_Cluster1_Bed_04	140	-	-
24_T1_Cluster1_Bed_04_Ensuite	133	-	-
24_T1_Cluster1_Bed_05	140	-	-
24_T1_Cluster1_Bed_05_Ensuite	133	-	-
24_T1_Cluster1_Bed_06	140	-	-
24_T1_Cluster1_Bed_06_Ensuite	133	-	-
24_T1_Cluster1_Bed_07	140	-	-
24_T1_Cluster1_Bed_07_Ensuite	133	-	-
24_T1_Cluster1_Bed_08	140	-	-
24_T1_Cluster1_Bed_08_Ensuite	133	-	-
24_T1_Cluster1_Bed_10	140	-	-
24_T1_Cluster1_Bed_10_Ensuite	133	-	-
24_T1_Cluster1_Bed_24	140	-	-
24_T1_Cluster1_Bed_24_Ensuite	133	-	-
24_T1_Cluster1_Corridor_01	138	-	-
24_T1_Cluster1_Corridor_02	138	-	-
24_T1_Cluster1_Kitchen	115	-	-
24_T1_Cluster2_Bed_01	140	-	-
24_T1_Cluster2_Bed_01_Ensuite	133	-	-
24_T1_Cluster2_Bed_02	140	-	-
24_T1_Cluster2_Bed_02_Ensuite	133	-	-
24_T1_Cluster2_Bed_03	140	-	-
24_T1_Cluster2_Bed_03_Ensuite	133	-	-
24_T1_Cluster2_Bed_04	140	-	-
24_T1_Cluster2_Bed_04_Ensuite	133	-	-
24_T1_Cluster2_Bed_05	140	-	-
24_T1_Cluster2_Bed_05_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
24_T1_Cluster2_Bed_06	140	-	-
24_T1_Cluster2_Bed_06_Ensuite	133	-	-
24_T1_Cluster2_Bed_07	140	-	-
24_T1_Cluster2_Bed_07_Ensuite	133	-	-
24_T1_Cluster2_Bed_08	140	-	-
24_T1_Cluster2_Bed_08_Ensuite	133	-	-
24_T1_Cluster2_Bed_10	140	-	-
24_T1_Cluster2_Bed_10_Ensuite	133	-	-
24_T1_Cluster2_Bed_24	140	-	-
24_T1_Cluster2_Bed_24_Ensuite	133	-	-
24_T1_Cluster2_Corridor_01	138	-	-
24_T1_Cluster2_Corridor_02	138	-	-
24_T1_Cluster2_Kitchen	115	-	-
24_T1_Corridor_01	138	-	-
24_T1_Corridor_02	138	-	-
24_T1_Lift_Lobby_01	138	-	-
24_T1_Lift_Lobby_02	138	-	-
24_T1_Stair_01	185	-	-
24_T1_Stair_02	185	-	-
24_T1_Studio_01	140	-	-
24_T1_Studio_01_Ensuite	133	-	-
24_T1_Studio_02	140	-	-
24_T1_Studio_02_Ensuite	133	-	-
24_T1_Studio_03	140	-	-
24_T1_Studio_03_Ensuite	133	-	-
24_T1_Studio_04	140	-	-
24_T1_Studio_04_Ensuite	133	-	-
24_T1_Studio_05	140	-	-
24_T1_Studio_05_Ensuite	133	-	-
25_T1_Acc_Studio_01	140	-	-
25_T1_Acc_Studio_01_Ensuite	133	-	-
25_T1_Cluster1_Bed_01	140	-	-
25_T1_Cluster1_Bed_01_Ensuite	133	-	-
25_T1_Cluster1_Bed_02	140	-	-
25_T1_Cluster1_Bed_02_Ensuite	133	-	-
25_T1_Cluster1_Bed_03	140	-	-
25_T1_Cluster1_Bed_03_Ensuite	133	-	-
25_T1_Cluster1_Bed_04	140	-	-
25_T1_Cluster1_Bed_04_Ensuite	133	-	-
25_T1_Cluster1_Bed_05	140	-	-
25_T1_Cluster1_Bed_05_Ensuite	133	-	-
25_T1_Cluster1_Bed_06	140	-	-
25_T1_Cluster1_Bed_06_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
25_T1_Cluster1_Bed_07	140	-	-
25_T1_Cluster1_Bed_07_Ensuite	133	-	-
25_T1_Cluster1_Bed_08	140	-	-
25_T1_Cluster1_Bed_08_Ensuite	133	-	-
25_T1_Cluster1_Bed_10	140	-	-
25_T1_Cluster1_Bed_10_Ensuite	133	-	-
25_T1_Cluster1_Bed_25	140	-	-
25_T1_Cluster1_Bed_25_Ensuite	133	-	-
25_T1_Cluster1_Corridor_01	138	-	-
25_T1_Cluster1_Corridor_02	138	-	-
25_T1_Cluster1_Kitchen	115	-	-
25_T1_Cluster2_Bed_01	140	-	-
25_T1_Cluster2_Bed_01_Ensuite	133	-	-
25_T1_Cluster2_Bed_02	140	-	-
25_T1_Cluster2_Bed_02_Ensuite	133	-	-
25_T1_Cluster2_Bed_03	140	-	-
25_T1_Cluster2_Bed_03_Ensuite	133	-	-
25_T1_Cluster2_Bed_04	140	-	-
25_T1_Cluster2_Bed_04_Ensuite	133	-	-
25_T1_Cluster2_Bed_05	140	-	-
25_T1_Cluster2_Bed_05_Ensuite	133	-	-
25_T1_Cluster2_Bed_06	140	-	-
25_T1_Cluster2_Bed_06_Ensuite	133	-	-
25_T1_Cluster2_Bed_07	140	-	-
25_T1_Cluster2_Bed_07_Ensuite	133	-	-
25_T1_Cluster2_Bed_08	140	-	-
25_T1_Cluster2_Bed_08_Ensuite	133	-	-
25_T1_Cluster2_Bed_10	140	-	-
25_T1_Cluster2_Bed_10_Ensuite	133	-	-
25_T1_Cluster2_Bed_25	140	-	-
25_T1_Cluster2_Bed_25_Ensuite	133	-	-
25_T1_Cluster2_Corridor_01	138	-	-
25_T1_Cluster2_Corridor_02	138	-	-
25_T1_Cluster2_Kitchen	115	-	-
25_T1_Corridor_01	138	-	-
25_T1_Corridor_02	138	-	-
25_T1_Lift_Lobby_01	138	-	-
25_T1_Lift_Lobby_02	138	-	-
25_T1_Stair_01	185	-	-
25_T1_Stair_02	185	-	-
25_T1_Studio_01	140	-	-
25_T1_Studio_01_Ensuite	133	-	-
25_T1_Studio_02	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
25_T1_Studio_02_Ensuite	133	-	-
25_T1_Studio_03	140	-	-
25_T1_Studio_03_Ensuite	133	-	-
25_T1_Studio_04	140	-	-
25_T1_Studio_04_Ensuite	133	-	-
25_T1_Studio_05	140	-	-
25_T1_Studio_05_Ensuite	133	-	-
26_T1_Acc_Studio_01	140	-	-
26_T1_Acc_Studio_01_Ensuite	133	-	-
26_T1_Cluster1_Bed_01	140	-	-
26_T1_Cluster1_Bed_01_Ensuite	133	-	-
26_T1_Cluster1_Bed_02	140	-	-
26_T1_Cluster1_Bed_02_Ensuite	133	-	-
26_T1_Cluster1_Bed_03	140	-	-
26_T1_Cluster1_Bed_03_Ensuite	133	-	-
26_T1_Cluster1_Bed_04	140	-	-
26_T1_Cluster1_Bed_04_Ensuite	133	-	-
26_T1_Cluster1_Bed_05	140	-	-
26_T1_Cluster1_Bed_05_Ensuite	133	-	-
26_T1_Cluster1_Bed_06	140	-	-
26_T1_Cluster1_Bed_06_Ensuite	133	-	-
26_T1_Cluster1_Bed_07	140	-	-
26_T1_Cluster1_Bed_07_Ensuite	133	-	-
26_T1_Cluster1_Bed_08	140	-	-
26_T1_Cluster1_Bed_08_Ensuite	133	-	-
26_T1_Cluster1_Bed_10	140	-	-
26_T1_Cluster1_Bed_10_Ensuite	133	-	-
26_T1_Cluster1_Bed_26	140	-	-
26_T1_Cluster1_Bed_26_Ensuite	133	-	-
26_T1_Cluster1_Corridor_01	138	-	-
26_T1_Cluster1_Corridor_02	138	-	-
26_T1_Cluster1_Kitchen	115	-	-
26_T1_Cluster2_Bed_01	140	-	-
26_T1_Cluster2_Bed_01_Ensuite	133	-	-
26_T1_Cluster2_Bed_02	140	-	-
26_T1_Cluster2_Bed_02_Ensuite	133	-	-
26_T1_Cluster2_Bed_03	140	-	-
26_T1_Cluster2_Bed_03_Ensuite	133	-	-
26_T1_Cluster2_Bed_04	140	-	-
26_T1_Cluster2_Bed_04_Ensuite	133	-	-
26_T1_Cluster2_Bed_05	140	-	-
26_T1_Cluster2_Bed_05_Ensuite	133	-	-
26_T1_Cluster2_Bed_06	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
26_T1_Cluster2_Bed_06_Ensuite	133	-	-
26_T1_Cluster2_Bed_07	140	-	-
26_T1_Cluster2_Bed_07_Ensuite	133	-	-
26_T1_Cluster2_Bed_08	140	-	-
26_T1_Cluster2_Bed_08_Ensuite	133	-	-
26_T1_Cluster2_Bed_10	140	-	-
26_T1_Cluster2_Bed_10_Ensuite	133	-	-
26_T1_Cluster2_Bed_26	140	-	-
26_T1_Cluster2_Bed_26_Ensuite	133	-	-
26_T1_Cluster2_Corridor_01	138	-	-
26_T1_Cluster2_Corridor_02	138	-	-
26_T1_Cluster2_Kitchen	115	-	-
26_T1_Corridor_01	138	-	-
26_T1_Corridor_02	138	-	-
26_T1_Lift_Lobby_01	138	-	-
26_T1_Lift_Lobby_02	138	-	-
26_T1_Stair_01	185	-	-
26_T1_Stair_02	185	-	-
26_T1_Studio_01	140	-	-
26_T1_Studio_01_Ensuite	133	-	-
26_T1_Studio_02	140	-	-
26_T1_Studio_02_Ensuite	133	-	-
26_T1_Studio_03	140	-	-
26_T1_Studio_03_Ensuite	133	-	-
26_T1_Studio_04	140	-	-
26_T1_Studio_04_Ensuite	133	-	-
26_T1_Studio_05	140	-	-
26_T1_Studio_05_Ensuite	133	-	-
27_T1_Acc_Studio_01	140	-	-
27_T1_Acc_Studio_01_Ensuite	133	-	-
27_T1_Cluster1_Bed_01	140	-	-
27_T1_Cluster1_Bed_01_Ensuite	133	-	-
27_T1_Cluster1_Bed_02	140	-	-
27_T1_Cluster1_Bed_02_Ensuite	133	-	-
27_T1_Cluster1_Bed_03	140	-	-
27_T1_Cluster1_Bed_03_Ensuite	133	-	-
27_T1_Cluster1_Bed_04	140	-	-
27_T1_Cluster1_Bed_04_Ensuite	133	-	-
27_T1_Cluster1_Bed_05	140	-	-
27_T1_Cluster1_Bed_05_Ensuite	133	-	-
27_T1_Cluster1_Bed_06	140	-	-
27_T1_Cluster1_Bed_06_Ensuite	133	-	-
27_T1_Cluster1_Bed_07	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
27_T1_Cluster1_Bed_07_Ensuite	133	-	-
27_T1_Cluster1_Bed_08	140	-	-
27_T1_Cluster1_Bed_08_Ensuite	133	-	-
27_T1_Cluster1_Bed_10	140	-	-
27_T1_Cluster1_Bed_10_Ensuite	133	-	-
27_T1_Cluster1_Bed_27	140	-	-
27_T1_Cluster1_Bed_27_Ensuite	133	-	-
27_T1_Cluster1_Corridor_01	138	-	-
27_T1_Cluster1_Corridor_02	138	-	-
27_T1_Cluster1_Kitchen	115	-	-
27_T1_Cluster2_Bed_01	140	-	-
27_T1_Cluster2_Bed_01_Ensuite	133	-	-
27_T1_Cluster2_Bed_02	140	-	-
27_T1_Cluster2_Bed_02_Ensuite	133	-	-
27_T1_Cluster2_Bed_03	140	-	-
27_T1_Cluster2_Bed_03_Ensuite	133	-	-
27_T1_Cluster2_Bed_04	140	-	-
27_T1_Cluster2_Bed_04_Ensuite	133	-	-
27_T1_Cluster2_Bed_05	140	-	-
27_T1_Cluster2_Bed_05_Ensuite	133	-	-
27_T1_Cluster2_Bed_06	140	-	-
27_T1_Cluster2_Bed_06_Ensuite	133	-	-
27_T1_Cluster2_Bed_07	140	-	-
27_T1_Cluster2_Bed_07_Ensuite	133	-	-
27_T1_Cluster2_Bed_08	140	-	-
27_T1_Cluster2_Bed_08_Ensuite	133	-	-
27_T1_Cluster2_Bed_10	140	-	-
27_T1_Cluster2_Bed_10_Ensuite	133	-	-
27_T1_Cluster2_Bed_27	140	-	-
27_T1_Cluster2_Bed_27_Ensuite	133	-	-
27_T1_Cluster2_Corridor_01	138	-	-
27_T1_Cluster2_Corridor_02	138	-	-
27_T1_Cluster2_Kitchen	115	-	-
27_T1_Corridor_01	138	-	-
27_T1_Corridor_02	138	-	-
27_T1_Lift_Lobby_01	138	-	-
27_T1_Lift_Lobby_02	138	-	-
27_T1_Stair_01	185	-	-
27_T1_Stair_02	185	-	-
27_T1_Studio_01	140	-	-
27_T1_Studio_01_Ensuite	133	-	-
27_T1_Studio_02	140	-	-
27_T1_Studio_02_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
27_T1_Studio_03	140	-	-
27_T1_Studio_03_Ensuite	133	-	-
27_T1_Studio_04	140	-	-
27_T1_Studio_04_Ensuite	133	-	-
27_T1_Studio_05	140	-	-
27_T1_Studio_05_Ensuite	133	-	-
28_T1_Acc_Studio_01	140	-	-
28_T1_Acc_Studio_01_Ensuite	133	-	-
28_T1_Cluster1_Bed_01	140	-	-
28_T1_Cluster1_Bed_01_Ensuite	133	-	-
28_T1_Cluster1_Bed_02	140	-	-
28_T1_Cluster1_Bed_02_Ensuite	133	-	-
28_T1_Cluster1_Bed_03	140	-	-
28_T1_Cluster1_Bed_03_Ensuite	133	-	-
28_T1_Cluster1_Bed_04	140	-	-
28_T1_Cluster1_Bed_04_Ensuite	133	-	-
28_T1_Cluster1_Bed_05	140	-	-
28_T1_Cluster1_Bed_05_Ensuite	133	-	-
28_T1_Cluster1_Bed_06	140	-	-
28_T1_Cluster1_Bed_06_Ensuite	133	-	-
28_T1_Cluster1_Bed_07	140	-	-
28_T1_Cluster1_Bed_07_Ensuite	133	-	-
28_T1_Cluster1_Bed_08	140	-	-
28_T1_Cluster1_Bed_08_Ensuite	133	-	-
28_T1_Cluster1_Bed_10	140	-	-
28_T1_Cluster1_Bed_10_Ensuite	133	-	-
28_T1_Cluster1_Bed_28	140	-	-
28_T1_Cluster1_Bed_28_Ensuite	133	-	-
28_T1_Cluster1_Corridor_01	138	-	-
28_T1_Cluster1_Corridor_02	138	-	-
28_T1_Cluster1_Kitchen	115	-	-
28_T1_Cluster2_Bed_01	140	-	-
28_T1_Cluster2_Bed_01_Ensuite	133	-	-
28_T1_Cluster2_Bed_02	140	-	-
28_T1_Cluster2_Bed_02_Ensuite	133	-	-
28_T1_Cluster2_Bed_03	140	-	-
28_T1_Cluster2_Bed_03_Ensuite	133	-	-
28_T1_Cluster2_Bed_04	140	-	-
28_T1_Cluster2_Bed_04_Ensuite	133	-	-
28_T1_Cluster2_Bed_05	140	-	-
28_T1_Cluster2_Bed_05_Ensuite	133	-	-
28_T1_Cluster2_Bed_06	140	-	-
28_T1_Cluster2_Bed_06_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
28_T1_Cluster2_Bed_07	140	-	-
28_T1_Cluster2_Bed_07_Ensuite	133	-	-
28_T1_Cluster2_Bed_08	140	-	-
28_T1_Cluster2_Bed_08_Ensuite	133	-	-
28_T1_Cluster2_Bed_10	140	-	-
28_T1_Cluster2_Bed_10_Ensuite	133	-	-
28_T1_Cluster2_Bed_28	140	-	-
28_T1_Cluster2_Bed_28_Ensuite	133	-	-
28_T1_Cluster2_Corridor_01	138	-	-
28_T1_Cluster2_Corridor_02	138	-	-
28_T1_Cluster2_Kitchen	115	-	-
28_T1_Corridor_01	138	-	-
28_T1_Corridor_02	138	-	-
28_T1_Lift_Lobby_01	138	-	-
28_T1_Lift_Lobby_02	138	-	-
28_T1_Stair_01	185	-	-
28_T1_Stair_02	185	-	-
28_T1_Studio_01	140	-	-
28_T1_Studio_01_Ensuite	133	-	-
28_T1_Studio_02	140	-	-
28_T1_Studio_02_Ensuite	133	-	-
28_T1_Studio_03	140	-	-
28_T1_Studio_03_Ensuite	133	-	-
28_T1_Studio_04	140	-	-
28_T1_Studio_04_Ensuite	133	-	-
28_T1_Studio_05	140	-	-
28_T1_Studio_05_Ensuite	133	-	-
29_T1_Acc_Studio_01	140	-	-
29_T1_Acc_Studio_01_Ensuite	133	-	-
29_T1_Amenity	110	-	-
29_T1_Cluster1_Bed_01	140	-	-
29_T1_Cluster1_Bed_01_Ensuite	133	-	-
29_T1_Cluster1_Bed_02	140	-	-
29_T1_Cluster1_Bed_02_Ensuite	133	-	-
29_T1_Cluster1_Bed_03	140	-	-
29_T1_Cluster1_Bed_03_Ensuite	133	-	-
29_T1_Cluster1_Bed_04	140	-	-
29_T1_Cluster1_Bed_04_Ensuite	133	-	-
29_T1_Cluster1_Bed_05	140	-	-
29_T1_Cluster1_Bed_05_Ensuite	133	-	-
29_T1_Cluster1_Bed_06	140	-	-
29_T1_Cluster1_Bed_06_Ensuite	133	-	-
29_T1_Cluster1_Bed_07	140	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
29_T1_Cluster1_Bed_07_Ensuite	133	-	-
29_T1_Cluster1_Bed_08	140	-	-
29_T1_Cluster1_Bed_08_Ensuite	133	-	-
29_T1_Cluster1_Bed_10	140	-	-
29_T1_Cluster1_Bed_10_Ensuite	133	-	-
29_T1_Cluster1_Bed_29	140	-	-
29_T1_Cluster1_Bed_29_Ensuite	133	-	-
29_T1_Cluster1_Corridor_01	138	-	-
29_T1_Cluster1_Corridor_02	138	-	-
29_T1_Cluster1_Kitchen	115	-	-
29_T1_Cluster2_Bed_01	140	-	-
29_T1_Cluster2_Bed_01_Ensuite	133	-	-
29_T1_Cluster2_Bed_02	140	-	-
29_T1_Cluster2_Bed_02_Ensuite	133	-	-
29_T1_Cluster2_Bed_03	140	-	-
29_T1_Cluster2_Bed_03_Ensuite	133	-	-
29_T1_Cluster2_Bed_04	140	-	-
29_T1_Cluster2_Bed_04_Ensuite	133	-	-
29_T1_Cluster2_Bed_05	140	-	-
29_T1_Cluster2_Bed_05_Ensuite	133	-	-
29_T1_Cluster2_Bed_06	140	-	-
29_T1_Cluster2_Bed_06_Ensuite	133	-	-
29_T1_Cluster2_Corridor_01	138	-	-
29_T1_Cluster2_Corridor_02	138	-	-
29_T1_Cluster2_Kitchen	115	-	-
29_T1_Corridor_01	138	-	-
29_T1_Corridor_02	138	-	-
29_T1_Lift_Lobby_01	138	-	-
29_T1_Lift_Lobby_02	138	-	-
29_T1_Stair_01	185	-	-
29_T1_Stair_02	185	-	-
29_T1_Studio_01	140	-	-
29_T1_Studio_01_Ensuite	133	-	-
29_T1_Studio_02	140	-	-
29_T1_Studio_02_Ensuite	133	-	-
29_T1_Studio_03	140	-	-
29_T1_Studio_03_Ensuite	133	-	-
29_T1_Studio_04	140	-	-
29_T1_Studio_04_Ensuite	133	-	-
29_T1_Studio_05	140	-	-
29_T1_Studio_05_Ensuite	133	-	-
30_T1_Acc_Studio_01	140	-	-
30_T1_Acc_Studio_01_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
30_T1_Cluster1_Bed_01	140	-	-
30_T1_Cluster1_Bed_01_Ensuite	133	-	-
30_T1_Cluster1_Bed_02	140	-	-
30_T1_Cluster1_Bed_02_Ensuite	133	-	-
30_T1_Cluster1_Bed_03	140	-	-
30_T1_Cluster1_Bed_03_Ensuite	133	-	-
30_T1_Cluster1_Bed_04	140	-	-
30_T1_Cluster1_Bed_04_Ensuite	133	-	-
30_T1_Cluster1_Bed_05	140	-	-
30_T1_Cluster1_Bed_05_Ensuite	133	-	-
30_T1_Cluster1_Bed_06	140	-	-
30_T1_Cluster1_Bed_06_Ensuite	133	-	-
30_T1_Cluster1_Bed_07	140	-	-
30_T1_Cluster1_Bed_07_Ensuite	133	-	-
30_T1_Cluster1_Bed_08	140	-	-
30_T1_Cluster1_Bed_08_Ensuite	133	-	-
30_T1_Cluster1_Bed_10	140	-	-
30_T1_Cluster1_Bed_10_Ensuite	133	-	-
30_T1_Cluster1_Bed_30	140	-	-
30_T1_Cluster1_Bed_30_Ensuite	133	-	-
30_T1_Cluster1_Corridor_01	138	-	-
30_T1_Cluster1_Corridor_02	138	-	-
30_T1_Cluster1_Kitchen	115	-	-
30_T1_Cluster2_Bed_01	140	-	-
30_T1_Cluster2_Bed_01_Ensuite	133	-	-
30_T1_Cluster2_Bed_02	140	-	-
30_T1_Cluster2_Bed_02_Ensuite	133	-	-
30_T1_Cluster2_Bed_03	140	-	-
30_T1_Cluster2_Bed_03_Ensuite	133	-	-
30_T1_Cluster2_Bed_04	140	-	-
30_T1_Cluster2_Bed_04_Ensuite	133	-	-
30_T1_Cluster2_Bed_05	140	-	-
30_T1_Cluster2_Bed_05_Ensuite	133	-	-
30_T1_Cluster2_Bed_06	140	-	-
30_T1_Cluster2_Bed_06_Ensuite	133	-	-
30_T1_Cluster2_Bed_07	140	-	-
30_T1_Cluster2_Bed_07_Ensuite	133	-	-
30_T1_Cluster2_Bed_08	140	-	-
30_T1_Cluster2_Bed_08_Ensuite	133	-	-
30_T1_Cluster2_Bed_10	140	-	-
30_T1_Cluster2_Bed_10_Ensuite	133	-	-
30_T1_Cluster2_Bed_30	140	-	-
30_T1_Cluster2_Bed_30_Ensuite	133	-	-

General lighting and display lighting	General luminaire	Display light source	
Zone name	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
Standard value	95	80	0.3
30_T1_Cluster2_Corridor_01	138	-	-
30_T1_Cluster2_Corridor_02	138	-	-
30_T1_Cluster2_Kitchen	115	-	-
30_T1_Corridor_01	138	-	-
30_T1_Corridor_02	138	-	-
30_T1_Lift_Lobby_01	138	-	-
30_T1_Lift_Lobby_02	138	-	-
30_T1_Stair_01	185	-	-
30_T1_Stair_02	185	-	-
30_T1_Studio_01	140	-	-
30_T1_Studio_01_Ensuite	133	-	-
30_T1_Studio_02	140	-	-
30_T1_Studio_02_Ensuite	133	-	-
30_T1_Studio_03	140	-	-
30_T1_Studio_03_Ensuite	133	-	-
30_T1_Studio_04	140	-	-
30_T1_Studio_04_Ensuite	133	-	-
30_T1_Studio_05	140	-	-
30_T1_Studio_05_Ensuite	133	-	-

The spaces in the building should have appropriate passive control measures to limit solar gains in summer

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
00_Amenity_01	YES (+225.4%)	NO
00_Amenity_02	YES (+185.7%)	NO
00_Amenity_03	YES (+265.6%)	NO
00_Comms	N/A	N/A
01_T1_Acc_Studio_01	NO (-70.9%)	NO
01_T1_Cluster1_Bed_01	NO (-71.2%)	NO
01_T1_Cluster1_Bed_02	NO (-17.9%)	NO
01_T1_Cluster1_Bed_03	NO (-19.3%)	NO
01_T1_Cluster1_Bed_04	NO (-15.8%)	NO
01_T1_Cluster1_Bed_05	NO (-15.8%)	NO
01_T1_Cluster1_Bed_06	NO (-19.1%)	NO
01_T1_Cluster1_Bed_07	NO (-17.9%)	NO
01_T1_Cluster1_Bed_08	NO (-19.3%)	NO
01_T1_Cluster1_Bed_09	NO (-15.8%)	NO
01_T1_Cluster1_Bed_10	NO (-70.8%)	NO
01_T1_Cluster2_Bed_01	NO (-58.2%)	NO
01_T1_Cluster2_Bed_02	YES (+18.2%)	NO
01_T1_Cluster2_Bed_03	YES (+16.2%)	NO
01_T1_Cluster2_Bed_04	YES (+21.1%)	NO
01_T1_Cluster2_Bed_05	YES (+20.9%)	NO
01_T1_Cluster2_Bed_06	YES (+15.6%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
01_T1_Cluster2_Bed_07	YES (+17.2%)	NO
01_T1_Cluster2_Bed_08	YES (+14.5%)	NO
01_T1_Cluster2_Bed_09	YES (+19.2%)	NO
01_T1_Cluster2_Bed_10	NO (-58.8%)	NO
01_T1_Studio_01	YES (+27.5%)	NO
01_T1_Studio_02	YES (+9.1%)	NO
01_T1_Studio_03	YES (+30.4%)	NO
01_T1_Studio_04	NO (-55.2%)	NO
01_T1_Studio_05	NO (-55.3%)	NO
01_T2_Acc_Studio_01	NO (-46.7%)	NO
01_T2_Amenity	NO (-33.9%)	NO
01_T2_Studio_07	YES (+18.4%)	NO
01_T2_Studio_08	YES (+13.5%)	NO
01_T2_Studio_09	YES (+14.1%)	NO
01_T2_Studio_10	YES (+15.1%)	NO
01_T2_Studio_11	YES (+22.3%)	NO
01_T2_Studio_12	NO (-72.8%)	NO
01_T2_Studio_13	NO (-15.1%)	NO
01_T2_Studio_14	NO (-15.2%)	NO
01_T2_Studio_15	NO (-21.7%)	NO
01_T2_Studio_16	NO (-29%)	NO
01_T2_Twodio1_A	NO (-72.2%)	NO
01_T2_Twodio1_B	NO (-9.5%)	NO
01_T2_Twodio2_A	NO (-9.3%)	NO
01_T2_Twodio2_B	NO (-14.6%)	NO
01_T2_Twodio3_A	NO (-8.2%)	NO
01_T2_Twodio3_B	NO (-9.8%)	NO
01_T2_Twodio4_A	NO (-8.4%)	NO
01_T2_Twodio4_B	NO (-69.6%)	NO
01M_T1_Acc_Studio_01	NO (-70.2%)	NO
01M_T1_Cluster1_Bed_01	NO (-71.2%)	NO
01M_T1_Cluster1_Bed_02	NO (-17.9%)	NO
01M_T1_Cluster1_Bed_03	NO (-19.3%)	NO
01M_T1_Cluster1_Bed_04	NO (-15.8%)	NO
01M_T1_Cluster1_Bed_05	NO (-15.8%)	NO
01M_T1_Cluster1_Bed_06	NO (-19.1%)	NO
01M_T1_Cluster1_Bed_07	NO (-17.9%)	NO
01M_T1_Cluster1_Bed_08	NO (-19.3%)	NO
01M_T1_Cluster1_Bed_09	NO (-15.8%)	NO
01M_T1_Cluster1_Bed_10	NO (-70.8%)	NO
01M_T1_Cluster2_Bed_01	NO (-58.2%)	NO
01M_T1_Cluster2_Bed_02	YES (+18.2%)	NO
01M_T1_Cluster2_Bed_03	YES (+16.2%)	NO
01M_T1_Cluster2_Bed_04	YES (+21.1%)	NO
01M_T1_Cluster2_Bed_05	YES (+20.9%)	NO
01M_T1_Cluster2_Bed_06	YES (+15.6%)	NO
01M_T1_Cluster2_Bed_07	YES (+17.2%)	NO
01M_T1_Cluster2_Bed_08	YES (+14.6%)	NO
01M_T1_Cluster2_Bed_09	YES (+19.2%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
01M_T1_Cluster2_Bed_10	NO (-58.8%)	NO
01M_T1_Studio_01	YES (+27.5%)	NO
01M_T1_Studio_02	YES (+9.1%)	NO
01M_T1_Studio_03	YES (+30.4%)	NO
01M_T1_Studio_04	NO (-54.5%)	NO
01M_T1_Studio_05	NO (-54.8%)	NO
01M_T2_Acc_Studio_01	NO (-46.7%)	NO
01M_T2_Amenity	NO (-33.8%)	NO
01M_T2_Studio_07	YES (+18.4%)	NO
01M_T2_Studio_08	YES (+13.5%)	NO
01M_T2_Studio_09	YES (+14.1%)	NO
01M_T2_Studio_10	YES (+15.1%)	NO
01M_T2_Studio_11	YES (+22.3%)	NO
01M_T2_Studio_12	NO (-71.6%)	NO
01M_T2_Studio_13	NO (-15.1%)	NO
01M_T2_Studio_14	NO (-15.2%)	NO
01M_T2_Studio_15	NO (-21.7%)	NO
01M_T2_Studio_16	NO (-29%)	NO
01M_T2_Twodio1_A	NO (-72.2%)	NO
01M_T2_Twodio1_B	NO (-9.5%)	NO
01M_T2_Twodio2_A	NO (-9.3%)	NO
01M_T2_Twodio2_B	NO (-14.6%)	NO
01M_T2_Twodio3_A	NO (-8.2%)	NO
01M_T2_Twodio3_B	NO (-9.8%)	NO
01M_T2_Twodio4_A	NO (-8.4%)	NO
01M_T2_Twodio4_B	NO (-69.6%)	NO
02_T1_Acc_Studio_01	NO (-70.1%)	NO
02_T1_Cluster1_Bed_01	NO (-71.2%)	NO
02_T1_Cluster1_Bed_02	NO (-17.9%)	NO
02_T1_Cluster1_Bed_03	NO (-19.3%)	NO
02_T1_Cluster1_Bed_04	NO (-15.8%)	NO
02_T1_Cluster1_Bed_05	NO (-15.8%)	NO
02_T1_Cluster1_Bed_06	NO (-19.1%)	NO
02_T1_Cluster1_Bed_07	NO (-17.9%)	NO
02_T1_Cluster1_Bed_08	NO (-19.3%)	NO
02_T1_Cluster1_Bed_09	NO (-15.8%)	NO
02_T1_Cluster1_Bed_10	NO (-70.8%)	NO
02_T1_Cluster2_Bed_01	NO (-58.2%)	NO
02_T1_Cluster2_Bed_02	YES (+18.2%)	NO
02_T1_Cluster2_Bed_03	YES (+16.2%)	NO
02_T1_Cluster2_Bed_04	YES (+21.1%)	NO
02_T1_Cluster2_Bed_05	YES (+20.9%)	NO
02_T1_Cluster2_Bed_06	YES (+15.6%)	NO
02_T1_Cluster2_Bed_07	YES (+17.2%)	NO
02_T1_Cluster2_Bed_08	YES (+14.6%)	NO
02_T1_Cluster2_Bed_09	YES (+19.2%)	NO
02_T1_Cluster2_Bed_10	NO (-58.8%)	NO
02_T1_Studio_01	YES (+27.5%)	NO
02_T1_Studio_02	YES (+9.1%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
02_T1_Studio_03	YES (+30.4%)	NO
02_T1_Studio_04	NO (-53.9%)	NO
02_T1_Studio_05	NO (-54%)	NO
02_T2_Acc_Studio_01	NO (-46.7%)	NO
02_T2_Studio_01	NO (-10.2%)	NO
02_T2_Studio_02	NO (-3.6%)	NO
02_T2_Studio_03	NO (-32%)	NO
02_T2_Studio_04	NO (-22%)	NO
02_T2_Studio_05	YES (+43%)	NO
02_T2_Studio_06	YES (+38.7%)	NO
02_T2_Studio_07	YES (+18.5%)	NO
02_T2_Studio_08	YES (+13.7%)	NO
02_T2_Studio_09	YES (+14.1%)	NO
02_T2_Studio_10	YES (+15.2%)	NO
02_T2_Studio_11	YES (+22.4%)	NO
02_T2_Studio_12	NO (-71.5%)	NO
02_T2_Studio_13	NO (-15.1%)	NO
02_T2_Studio_14	NO (-15.2%)	NO
02_T2_Studio_15	NO (-21.7%)	NO
02_T2_Studio_16	NO (-29%)	NO
02_T2_Twodio1_A	NO (-72.2%)	NO
02_T2_Twodio1_B	NO (-9.5%)	NO
02_T2_Twodio2_A	NO (-9.3%)	NO
02_T2_Twodio2_B	NO (-14.6%)	NO
02_T2_Twodio3_A	NO (-8.2%)	NO
02_T2_Twodio3_B	NO (-9.8%)	NO
02_T2_Twodio4_A	NO (-8.4%)	NO
02_T2_Twodio4_B	NO (-69.6%)	NO
03_T1_Acc_Studio_01	NO (-69.2%)	NO
03_T1_Cluster1_Bed_01	NO (-71.2%)	NO
03_T1_Cluster1_Bed_02	NO (-17.9%)	NO
03_T1_Cluster1_Bed_03	NO (-19.3%)	NO
03_T1_Cluster1_Bed_04	NO (-15.8%)	NO
03_T1_Cluster1_Bed_05	NO (-15.8%)	NO
03_T1_Cluster1_Bed_06	NO (-19.1%)	NO
03_T1_Cluster1_Bed_07	NO (-17.9%)	NO
03_T1_Cluster1_Bed_08	NO (-19.3%)	NO
03_T1_Cluster1_Bed_09	NO (-15.8%)	NO
03_T1_Cluster1_Bed_10	NO (-70.8%)	NO
03_T1_Cluster2_Bed_01	NO (-58.2%)	NO
03_T1_Cluster2_Bed_02	YES (+18.2%)	NO
03_T1_Cluster2_Bed_03	YES (+16.2%)	NO
03_T1_Cluster2_Bed_04	YES (+21.1%)	NO
03_T1_Cluster2_Bed_05	YES (+20.9%)	NO
03_T1_Cluster2_Bed_06	YES (+15.6%)	NO
03_T1_Cluster2_Bed_07	YES (+17.2%)	NO
03_T1_Cluster2_Bed_08	YES (+14.6%)	NO
03_T1_Cluster2_Bed_09	YES (+19.3%)	NO
03_T1_Cluster2_Bed_10	NO (-58.8%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
03_T1_Studio_01	YES (+27.5%)	NO
03_T1_Studio_02	YES (+9.1%)	NO
03_T1_Studio_03	YES (+30.4%)	NO
03_T1_Studio_04	NO (-52.9%)	NO
03_T1_Studio_05	NO (-52.6%)	NO
03_T2_Acc_Studio_01	NO (-46.7%)	NO
03_T2_Studio_01	NO (-28.2%)	NO
03_T2_Studio_02	NO (-22.3%)	NO
03_T2_Studio_03	NO (-45.9%)	NO
03_T2_Studio_04	NO (-37.9%)	NO
03_T2_Studio_05	YES (+14.1%)	NO
03_T2_Studio_06	YES (+10.7%)	NO
03_T2_Studio_07	YES (+18.5%)	NO
03_T2_Studio_08	YES (+13.7%)	NO
03_T2_Studio_09	YES (+14.1%)	NO
03_T2_Studio_10	YES (+15.2%)	NO
03_T2_Studio_11	YES (+22.4%)	NO
03_T2_Studio_12	NO (-71.5%)	NO
03_T2_Studio_13	NO (-15.1%)	NO
03_T2_Studio_14	NO (-15.2%)	NO
03_T2_Studio_15	NO (-21.7%)	NO
03_T2_Studio_16	NO (-29%)	NO
03_T2_Twodio1_A	NO (-72.2%)	NO
03_T2_Twodio1_B	NO (-9.5%)	NO
03_T2_Twodio2_A	NO (-9.3%)	NO
03_T2_Twodio2_B	NO (-14.6%)	NO
03_T2_Twodio3_A	NO (-8.2%)	NO
03_T2_Twodio3_B	NO (-9.8%)	NO
03_T2_Twodio4_A	NO (-8.4%)	NO
03_T2_Twodio4_B	NO (-69.6%)	NO
04_T1_Acc_Studio_01	NO (-67.6%)	NO
04_T1_Cluster1_Bed_01	NO (-71.2%)	NO
04_T1_Cluster1_Bed_02	NO (-17.9%)	NO
04_T1_Cluster1_Bed_03	NO (-19.3%)	NO
04_T1_Cluster1_Bed_04	NO (-15.8%)	NO
04_T1_Cluster1_Bed_05	NO (-15.8%)	NO
04_T1_Cluster1_Bed_06	NO (-19.1%)	NO
04_T1_Cluster1_Bed_07	NO (-17.9%)	NO
04_T1_Cluster1_Bed_08	NO (-19.3%)	NO
04_T1_Cluster1_Bed_09	NO (-15.8%)	NO
04_T1_Cluster1_Bed_10	NO (-70.8%)	NO
04_T1_Cluster2_Bed_01	NO (-58.2%)	NO
04_T1_Cluster2_Bed_02	YES (+18.3%)	NO
04_T1_Cluster2_Bed_03	YES (+16.2%)	NO
04_T1_Cluster2_Bed_04	YES (+21.1%)	NO
04_T1_Cluster2_Bed_05	YES (+20.9%)	NO
04_T1_Cluster2_Bed_06	YES (+15.6%)	NO
04_T1_Cluster2_Bed_07	YES (+17.2%)	NO
04_T1_Cluster2_Bed_08	YES (+14.6%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
04_T1_Cluster2_Bed_09	YES (+19.3%)	NO
04_T1_Cluster2_Bed_10	NO (-58.8%)	NO
04_T1_Studio_01	YES (+27.5%)	NO
04_T1_Studio_02	YES (+9.1%)	NO
04_T1_Studio_03	YES (+30.4%)	NO
04_T1_Studio_04	NO (-51.5%)	NO
04_T1_Studio_05	NO (-50.3%)	NO
04_T2_Acc_Studio_01	NO (-46.7%)	NO
04_T2_Studio_01	NO (-26.8%)	NO
04_T2_Studio_02	NO (-21.1%)	NO
04_T2_Studio_03	NO (-45.5%)	NO
04_T2_Studio_04	NO (-37.9%)	NO
04_T2_Studio_05	YES (+14.1%)	NO
04_T2_Studio_06	YES (+10.7%)	NO
04_T2_Studio_07	YES (+18.5%)	NO
04_T2_Studio_08	YES (+13.7%)	NO
04_T2_Studio_09	YES (+14.1%)	NO
04_T2_Studio_10	YES (+15.2%)	NO
04_T2_Studio_11	YES (+22.4%)	NO
04_T2_Studio_12	NO (-71.5%)	NO
04_T2_Studio_13	NO (-15.1%)	NO
04_T2_Studio_14	NO (-15.2%)	NO
04_T2_Studio_15	NO (-21.7%)	NO
04_T2_Studio_16	NO (-29%)	NO
04_T2_Twodio1_A	NO (-72.2%)	NO
04_T2_Twodio1_B	NO (-9.5%)	NO
04_T2_Twodio2_A	NO (-9.3%)	NO
04_T2_Twodio2_B	NO (-14.6%)	NO
04_T2_Twodio3_A	NO (-8.2%)	NO
04_T2_Twodio3_B	NO (-9.8%)	NO
04_T2_Twodio4_A	NO (-8.4%)	NO
04_T2_Twodio4_B	NO (-69.6%)	NO
05_T1_Acc_Studio_01	NO (-65.8%)	NO
05_T1_Cluster1_Bed_01	NO (-71.2%)	NO
05_T1_Cluster1_Bed_02	NO (-17.9%)	NO
05_T1_Cluster1_Bed_03	NO (-19.3%)	NO
05_T1_Cluster1_Bed_04	NO (-15.8%)	NO
05_T1_Cluster1_Bed_05	NO (-15.8%)	NO
05_T1_Cluster1_Bed_06	NO (-19.1%)	NO
05_T1_Cluster1_Bed_07	NO (-17.9%)	NO
05_T1_Cluster1_Bed_08	NO (-19.3%)	NO
05_T1_Cluster1_Bed_09	NO (-15.8%)	NO
05_T1_Cluster1_Bed_10	NO (-70.8%)	NO
05_T1_Cluster2_Bed_01	NO (-58.2%)	NO
05_T1_Cluster2_Bed_02	YES (+18.3%)	NO
05_T1_Cluster2_Bed_03	YES (+16.3%)	NO
05_T1_Cluster2_Bed_04	YES (+21.1%)	NO
05_T1_Cluster2_Bed_05	YES (+20.9%)	NO
05_T1_Cluster2_Bed_06	YES (+15.6%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
05_T1_Cluster2_Bed_07	YES (+17.2%)	NO
05_T1_Cluster2_Bed_08	YES (+14.6%)	NO
05_T1_Cluster2_Bed_09	YES (+19.3%)	NO
05_T1_Cluster2_Bed_10	NO (-58.8%)	NO
05_T1_Studio_01	YES (+27.5%)	NO
05_T1_Studio_02	YES (+9.1%)	NO
05_T1_Studio_03	YES (+30.4%)	NO
05_T1_Studio_04	NO (-48.6%)	NO
05_T1_Studio_05	NO (-46%)	NO
05_T2_Acc_Studio_01	NO (-46.7%)	NO
05_T2_Studio_01	NO (-23.9%)	NO
05_T2_Studio_02	NO (-19.7%)	NO
05_T2_Studio_03	NO (-45.2%)	NO
05_T2_Studio_04	NO (-37.9%)	NO
05_T2_Studio_05	YES (+14.1%)	NO
05_T2_Studio_06	YES (+10.7%)	NO
05_T2_Studio_07	YES (+18.5%)	NO
05_T2_Studio_08	YES (+13.7%)	NO
05_T2_Studio_09	YES (+14.1%)	NO
05_T2_Studio_10	YES (+15.2%)	NO
05_T2_Studio_11	YES (+22.4%)	NO
05_T2_Studio_12	NO (-71.5%)	NO
05_T2_Studio_13	NO (-15%)	NO
05_T2_Studio_14	NO (-15.2%)	NO
05_T2_Studio_15	NO (-21.7%)	NO
05_T2_Studio_16	NO (-29%)	NO
05_T2_Twodio1_A	NO (-72.2%)	NO
05_T2_Twodio1_B	NO (-9.5%)	NO
05_T2_Twodio2_A	NO (-9.3%)	NO
05_T2_Twodio2_B	NO (-14.6%)	NO
05_T2_Twodio3_A	NO (-8.2%)	NO
05_T2_Twodio3_B	NO (-9.8%)	NO
05_T2_Twodio4_A	NO (-8.4%)	NO
05_T2_Twodio4_B	NO (-69.6%)	NO
06_T1_Acc_Studio_01	NO (-64%)	NO
06_T1_Cluster1_Bed_01	NO (-71.2%)	NO
06_T1_Cluster1_Bed_02	NO (-17.9%)	NO
06_T1_Cluster1_Bed_03	NO (-19.3%)	NO
06_T1_Cluster1_Bed_04	NO (-15.8%)	NO
06_T1_Cluster1_Bed_05	NO (-15.8%)	NO
06_T1_Cluster1_Bed_06	NO (-19.1%)	NO
06_T1_Cluster1_Bed_07	NO (-17.9%)	NO
06_T1_Cluster1_Bed_08	NO (-19.3%)	NO
06_T1_Cluster1_Bed_09	NO (-15.8%)	NO
06_T1_Cluster1_Bed_10	NO (-70.8%)	NO
06_T1_Cluster2_Bed_01	NO (-58.2%)	NO
06_T1_Cluster2_Bed_02	YES (+18.3%)	NO
06_T1_Cluster2_Bed_03	YES (+16.3%)	NO
06_T1_Cluster2_Bed_04	YES (+21.3%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
06_T1_Cluster2_Bed_05	YES (+20.9%)	NO
06_T1_Cluster2_Bed_06	YES (+15.6%)	NO
06_T1_Cluster2_Bed_07	YES (+17.2%)	NO
06_T1_Cluster2_Bed_08	YES (+14.6%)	NO
06_T1_Cluster2_Bed_09	YES (+19.3%)	NO
06_T1_Cluster2_Bed_10	NO (-58.8%)	NO
06_T1_Studio_01	YES (+27.5%)	NO
06_T1_Studio_02	YES (+9.1%)	NO
06_T1_Studio_03	YES (+30.4%)	NO
06_T1_Studio_04	NO (-47%)	NO
06_T1_Studio_05	NO (-43.8%)	NO
06_T2_Acc_Studio_01	NO (-79%)	NO
06_T2_Studio_01	NO (-22.3%)	NO
06_T2_Studio_02	NO (-18.7%)	NO
06_T2_Studio_03	NO (-45%)	NO
06_T2_Studio_04	NO (-37.9%)	NO
06_T2_Studio_05	YES (+14.1%)	NO
06_T2_Studio_06	YES (+10.7%)	NO
06_T2_Studio_07	YES (+18.5%)	NO
06_T2_Studio_08	YES (+13.7%)	NO
06_T2_Studio_09	YES (+14.1%)	NO
06_T2_Studio_10	YES (+15.2%)	NO
06_T2_Studio_11	YES (+22.4%)	NO
06_T2_Twodio1_A	NO (-8.2%)	NO
06_T2_Twodio1_B	NO (-9.8%)	NO
06_T2_Twodio4_A	NO (-8.4%)	NO
06_T2_Twodio4_B	NO (-69.6%)	NO
07_T1_Acc_Studio_01	NO (-64%)	NO
07_T1_Cluster1_Bed_01	NO (-71.2%)	NO
07_T1_Cluster1_Bed_02	NO (-17.9%)	NO
07_T1_Cluster1_Bed_03	NO (-19.3%)	NO
07_T1_Cluster1_Bed_04	NO (-15.8%)	NO
07_T1_Cluster1_Bed_05	NO (-15.8%)	NO
07_T1_Cluster1_Bed_06	NO (-19.1%)	NO
07_T1_Cluster1_Bed_07	NO (-17.9%)	NO
07_T1_Cluster1_Bed_08	NO (-19.3%)	NO
07_T1_Cluster1_Bed_09	NO (-15.8%)	NO
07_T1_Cluster1_Bed_10	NO (-70.8%)	NO
07_T1_Cluster2_Bed_01	NO (-58.2%)	NO
07_T1_Cluster2_Bed_02	YES (+18.3%)	NO
07_T1_Cluster2_Bed_03	YES (+16.3%)	NO
07_T1_Cluster2_Bed_04	YES (+21.3%)	NO
07_T1_Cluster2_Bed_05	YES (+21.1%)	NO
07_T1_Cluster2_Bed_06	YES (+15.6%)	NO
07_T1_Cluster2_Bed_07	YES (+17.2%)	NO
07_T1_Cluster2_Bed_08	YES (+14.6%)	NO
07_T1_Cluster2_Bed_09	YES (+19.3%)	NO
07_T1_Cluster2_Bed_10	NO (-58.8%)	NO
07_T1_Studio_01	YES (+27.5%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
07_T1_Studio_02	YES (+9.1%)	NO
07_T1_Studio_03	YES (+30.4%)	NO
07_T1_Studio_04	NO (-46.9%)	NO
07_T1_Studio_05	NO (-43.8%)	NO
07_T2_Acc_Studio_01	NO (-79%)	NO
07_T2_Studio_01	NO (-22.3%)	NO
07_T2_Studio_02	NO (-18.7%)	NO
07_T2_Studio_03	NO (-45%)	NO
07_T2_Studio_04	NO (-37.9%)	NO
07_T2_Studio_05	YES (+14.1%)	NO
07_T2_Studio_06	YES (+10.7%)	NO
07_T2_Studio_07	YES (+18.5%)	NO
07_T2_Studio_08	YES (+13.7%)	NO
07_T2_Studio_09	YES (+14.1%)	NO
07_T2_Studio_10	YES (+15.2%)	NO
07_T2_Studio_11	YES (+22.4%)	NO
07_T2_Twodio1_A	NO (-8.2%)	NO
07_T2_Twodio1_B	NO (-9.8%)	NO
07_T2_Twodio4_A	NO (-8.4%)	NO
07_T2_Twodio4_B	NO (-69.6%)	NO
08_T1_Acc_Studio_01	NO (-64%)	NO
08_T1_Cluster1_Bed_01	NO (-71.2%)	NO
08_T1_Cluster1_Bed_02	NO (-17.9%)	NO
08_T1_Cluster1_Bed_03	NO (-19.3%)	NO
08_T1_Cluster1_Bed_04	NO (-15.8%)	NO
08_T1_Cluster1_Bed_05	NO (-15.8%)	NO
08_T1_Cluster1_Bed_06	NO (-19.1%)	NO
08_T1_Cluster1_Bed_07	NO (-17.9%)	NO
08_T1_Cluster1_Bed_08	NO (-19.3%)	NO
08_T1_Cluster1_Bed_09	NO (-15.8%)	NO
08_T1_Cluster1_Bed_10	NO (-70.8%)	NO
08_T1_Cluster2_Bed_01	NO (-58.2%)	NO
08_T1_Cluster2_Bed_02	YES (+18.3%)	NO
08_T1_Cluster2_Bed_03	YES (+16.3%)	NO
08_T1_Cluster2_Bed_04	YES (+21.3%)	NO
08_T1_Cluster2_Bed_05	YES (+21.1%)	NO
08_T1_Cluster2_Bed_06	YES (+15.6%)	NO
08_T1_Cluster2_Bed_07	YES (+17.2%)	NO
08_T1_Cluster2_Bed_08	YES (+14.6%)	NO
08_T1_Cluster2_Bed_09	YES (+19.3%)	NO
08_T1_Cluster2_Bed_10	NO (-58.8%)	NO
08_T1_Studio_01	YES (+27.5%)	NO
08_T1_Studio_02	YES (+9.1%)	NO
08_T1_Studio_03	YES (+30.4%)	NO
08_T1_Studio_04	NO (-46.9%)	NO
08_T1_Studio_05	NO (-43.8%)	NO
08_T2_Acc_Studio_01	NO (-79%)	NO
08_T2_Studio_01	NO (-22.1%)	NO
08_T2_Studio_02	NO (-18.7%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
08_T2_Studio_03	NO (-45%)	NO
08_T2_Studio_04	NO (-37.9%)	NO
08_T2_Studio_05	YES (+14.1%)	NO
08_T2_Studio_06	YES (+10.7%)	NO
08_T2_Studio_07	YES (+18.5%)	NO
08_T2_Studio_08	YES (+13.7%)	NO
08_T2_Studio_09	YES (+14.1%)	NO
08_T2_Studio_10	YES (+15.2%)	NO
08_T2_Studio_11	YES (+22.4%)	NO
08_T2_Twodio1_A	NO (-8.2%)	NO
08_T2_Twodio1_B	NO (-9.8%)	NO
08_T2_Twodio4_A	NO (-8.4%)	NO
08_T2_Twodio4_B	NO (-69.6%)	NO
09_T1_Acc_Studio_01	NO (-64%)	NO
09_T1_Amenity	NO (-26.4%)	NO
09_T1_Cluster1_Bed_01	NO (-71.2%)	NO
09_T1_Cluster1_Bed_02	NO (-17.9%)	NO
09_T1_Cluster1_Bed_03	NO (-19.3%)	NO
09_T1_Cluster1_Bed_04	NO (-15.8%)	NO
09_T1_Cluster1_Bed_05	NO (-15.8%)	NO
09_T1_Cluster1_Bed_06	NO (-19.1%)	NO
09_T1_Cluster1_Bed_07	NO (-17.9%)	NO
09_T1_Cluster1_Bed_08	NO (-19.3%)	NO
09_T1_Cluster1_Bed_09	NO (-15.8%)	NO
09_T1_Cluster1_Bed_10	NO (-70.8%)	NO
09_T1_Cluster2_Bed_01	NO (-58.2%)	NO
09_T1_Cluster2_Bed_02	YES (+18.4%)	NO
09_T1_Cluster2_Bed_03	YES (+16.3%)	NO
09_T1_Cluster2_Bed_04	YES (+21.3%)	NO
09_T1_Cluster2_Bed_05	YES (+21.1%)	NO
09_T1_Cluster2_Bed_06	YES (+15.7%)	NO
09_T1_Studio_01	YES (+27.5%)	NO
09_T1_Studio_02	YES (+9.1%)	NO
09_T1_Studio_03	YES (+30.4%)	NO
09_T1_Studio_04	NO (-46.9%)	NO
09_T1_Studio_05	NO (-43.5%)	NO
09_T2_Acc_Studio_01	NO (-79%)	NO
09_T2_Studio_01	NO (-22%)	NO
09_T2_Studio_02	NO (-18.4%)	NO
09_T2_Studio_03	NO (-45%)	NO
09_T2_Studio_04	NO (-37.9%)	NO
09_T2_Studio_05	YES (+14.1%)	NO
09_T2_Studio_06	YES (+10.7%)	NO
09_T2_Studio_07	YES (+18.5%)	NO
09_T2_Studio_08	YES (+13.7%)	NO
09_T2_Studio_09	YES (+14.1%)	NO
09_T2_Studio_10	YES (+15.2%)	NO
09_T2_Studio_11	YES (+22.4%)	NO
09_T2_Twodio1_A	NO (-8.2%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
09_T2_Twodio1_B	NO (-9.8%)	NO
09_T2_Twodio4_A	NO (-8.4%)	NO
09_T2_Twodio4_B	NO (-69.6%)	NO
10_T1_Acc_Studio_01	NO (-63.6%)	NO
10_T1_Cluster1_Bed_01	NO (-71.2%)	NO
10_T1_Cluster1_Bed_02	NO (-17.9%)	NO
10_T1_Cluster1_Bed_03	NO (-19.3%)	NO
10_T1_Cluster1_Bed_04	NO (-15.8%)	NO
10_T1_Cluster1_Bed_05	NO (-15.8%)	NO
10_T1_Cluster1_Bed_06	NO (-19.1%)	NO
10_T1_Cluster1_Bed_07	NO (-17.9%)	NO
10_T1_Cluster1_Bed_08	NO (-19.3%)	NO
10_T1_Cluster1_Bed_10	NO (-15.8%)	NO
10_T1_Cluster1_Bed_10	NO (-70.8%)	NO
10_T1_Cluster2_Bed_01	NO (-58.2%)	NO
10_T1_Cluster2_Bed_02	YES (+18.4%)	NO
10_T1_Cluster2_Bed_03	YES (+16.4%)	NO
10_T1_Cluster2_Bed_04	YES (+21.3%)	NO
10_T1_Cluster2_Bed_05	YES (+21.1%)	NO
10_T1_Cluster2_Bed_06	YES (+15.8%)	NO
10_T1_Cluster2_Bed_07	YES (+17.3%)	NO
10_T1_Cluster2_Bed_08	YES (+14.6%)	NO
10_T1_Cluster2_Bed_10	YES (+19.3%)	NO
10_T1_Cluster2_Bed_10	NO (-58.8%)	NO
10_T1_Studio_01	YES (+27.5%)	NO
10_T1_Studio_02	YES (+9.1%)	NO
10_T1_Studio_03	YES (+30.4%)	NO
10_T1_Studio_04	NO (-46.3%)	NO
10_T1_Studio_05	NO (-43.2%)	NO
10_T2_Acc_Studio_01	NO (-79%)	NO
10_T2_Studio_01	NO (-22%)	NO
10_T2_Studio_02	NO (-18.4%)	NO
10_T2_Studio_03	NO (-45%)	NO
10_T2_Studio_04	NO (-37.9%)	NO
10_T2_Studio_05	YES (+14.1%)	NO
10_T2_Studio_06	YES (+10.7%)	NO
10_T2_Studio_07	YES (+18.5%)	NO
10_T2_Studio_08	YES (+13.7%)	NO
10_T2_Studio_10	YES (+15.1%)	NO
10_T2_Studio_10	YES (+14.2%)	NO
10_T2_Studio_11	YES (+22.4%)	NO
10_T2_Twodio1_A	NO (-8.2%)	NO
10_T2_Twodio1_B	NO (-9.8%)	NO
10_T2_Twodio4_A	NO (-8.4%)	NO
10_T2_Twodio4_B	NO (-69.6%)	NO
11_T1_Acc_Studio_01	NO (-63.2%)	NO
11_T1_Cluster1_Bed_01	NO (-71.2%)	NO
11_T1_Cluster1_Bed_02	NO (-17.9%)	NO
11_T1_Cluster1_Bed_03	NO (-19.3%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
11_T1_Cluster1_Bed_04	NO (-15.8%)	NO
11_T1_Cluster1_Bed_05	NO (-15.8%)	NO
11_T1_Cluster1_Bed_06	NO (-19.1%)	NO
11_T1_Cluster1_Bed_07	NO (-17.9%)	NO
11_T1_Cluster1_Bed_08	NO (-19.3%)	NO
11_T1_Cluster1_Bed_10	NO (-70.8%)	NO
11_T1_Cluster1_Bed_11	NO (-15.8%)	NO
11_T1_Cluster2_Bed_01	NO (-58.2%)	NO
11_T1_Cluster2_Bed_02	YES (+18.4%)	NO
11_T1_Cluster2_Bed_03	YES (+16.4%)	NO
11_T1_Cluster2_Bed_04	YES (+21.4%)	NO
11_T1_Cluster2_Bed_05	YES (+21.2%)	NO
11_T1_Cluster2_Bed_06	YES (+15.8%)	NO
11_T1_Cluster2_Bed_07	YES (+17.4%)	NO
11_T1_Cluster2_Bed_08	YES (+14.6%)	NO
11_T1_Cluster2_Bed_10	NO (-58.8%)	NO
11_T1_Cluster2_Bed_11	YES (+19.3%)	NO
11_T1_Studio_01	YES (+27.5%)	NO
11_T1_Studio_02	YES (+9.1%)	NO
11_T1_Studio_03	YES (+30.4%)	NO
11_T1_Studio_04	NO (-45.9%)	NO
11_T1_Studio_05	NO (-42.4%)	NO
11_T2_Acc_Studio_01	NO (-79%)	NO
11_T2_Studio_01	NO (-21.6%)	NO
11_T2_Studio_02	NO (-18.1%)	NO
11_T2_Studio_03	NO (-45%)	NO
11_T2_Studio_04	NO (-37.9%)	NO
11_T2_Studio_05	YES (+14.1%)	NO
11_T2_Studio_06	YES (+10.7%)	NO
11_T2_Studio_07	YES (+18.5%)	NO
11_T2_Studio_08	YES (+13.7%)	NO
11_T2_Studio_09	YES (+14.1%)	NO
11_T2_Studio_10	YES (+15.1%)	NO
11_T2_Studio_11	YES (+22.3%)	NO
11_T2_Twodio1_A	NO (-8.2%)	NO
11_T2_Twodio1_B	NO (-9.8%)	NO
11_T2_Twodio4_A	NO (-8.4%)	NO
11_T2_Twodio4_B	NO (-69.6%)	NO
12_T1_Acc_Studio_01	NO (-62.5%)	NO
12_T1_Cluster1_Bed_01	NO (-71.2%)	NO
12_T1_Cluster1_Bed_02	NO (-17.9%)	NO
12_T1_Cluster1_Bed_03	NO (-19.3%)	NO
12_T1_Cluster1_Bed_04	NO (-15.8%)	NO
12_T1_Cluster1_Bed_05	NO (-15.8%)	NO
12_T1_Cluster1_Bed_06	NO (-19.1%)	NO
12_T1_Cluster1_Bed_07	NO (-17.9%)	NO
12_T1_Cluster1_Bed_08	NO (-19.3%)	NO
12_T1_Cluster1_Bed_10	NO (-70.8%)	NO
12_T1_Cluster1_Bed_12	NO (-15.8%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
12_T1_Cluster2_Bed_01	NO (-58.2%)	NO
12_T1_Cluster2_Bed_02	YES (+18.4%)	NO
12_T1_Cluster2_Bed_03	YES (+16.4%)	NO
12_T1_Cluster2_Bed_04	YES (+21.4%)	NO
12_T1_Cluster2_Bed_05	YES (+21.2%)	NO
12_T1_Cluster2_Bed_06	YES (+15.8%)	NO
12_T1_Cluster2_Bed_07	YES (+17.4%)	NO
12_T1_Cluster2_Bed_08	YES (+14.7%)	NO
12_T1_Cluster2_Bed_10	NO (-58.8%)	NO
12_T1_Cluster2_Bed_12	YES (+19.3%)	NO
12_T1_Studio_01	YES (+27.5%)	NO
12_T1_Studio_02	YES (+9.1%)	NO
12_T1_Studio_03	YES (+30.4%)	NO
12_T1_Studio_04	NO (-44.8%)	NO
12_T1_Studio_05	NO (-42.4%)	NO
12_T2_Acc_Studio_01	NO (-79%)	NO
12_T2_Studio_01	NO (-21.6%)	NO
12_T2_Studio_02	NO (-17.9%)	NO
12_T2_Studio_03	NO (-44.9%)	NO
12_T2_Studio_04	NO (-37.9%)	NO
12_T2_Studio_05	YES (+14.1%)	NO
12_T2_Studio_06	YES (+10.7%)	NO
12_T2_Studio_07	YES (+18.5%)	NO
12_T2_Studio_08	YES (+13.7%)	NO
12_T2_Studio_09	YES (+14.1%)	NO
12_T2_Studio_10	YES (+15.1%)	NO
12_T2_Studio_11	YES (+22.3%)	NO
12_T2_Twodio1_A	NO (-8.2%)	NO
12_T2_Twodio1_B	NO (-9.8%)	NO
12_T2_Twodio4_A	NO (-8.4%)	NO
12_T2_Twodio4_B	NO (-69.6%)	NO
13_T1_Acc_Studio_01	NO (-62.3%)	NO
13_T1_Cluster1_Bed_01	NO (-71.2%)	NO
13_T1_Cluster1_Bed_02	NO (-17.9%)	NO
13_T1_Cluster1_Bed_03	NO (-19.3%)	NO
13_T1_Cluster1_Bed_04	NO (-15.8%)	NO
13_T1_Cluster1_Bed_05	NO (-15.8%)	NO
13_T1_Cluster1_Bed_06	NO (-19.1%)	NO
13_T1_Cluster1_Bed_07	NO (-17.9%)	NO
13_T1_Cluster1_Bed_08	NO (-19.3%)	NO
13_T1_Cluster1_Bed_10	NO (-70.8%)	NO
13_T1_Cluster1_Bed_13	NO (-15.8%)	NO
13_T1_Cluster2_Bed_01	NO (-58.1%)	NO
13_T1_Cluster2_Bed_02	YES (+18.4%)	NO
13_T1_Cluster2_Bed_03	YES (+16.4%)	NO
13_T1_Cluster2_Bed_04	YES (+21.4%)	NO
13_T1_Cluster2_Bed_05	YES (+21.2%)	NO
13_T1_Cluster2_Bed_06	YES (+15.8%)	NO
13_T1_Cluster2_Bed_07	YES (+17.4%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
13_T1_Cluster2_Bed_08	YES (+14.7%)	NO
13_T1_Cluster2_Bed_10	NO (-58.7%)	NO
13_T1_Cluster2_Bed_13	YES (+19.4%)	NO
13_T1_Studio_01	YES (+27.5%)	NO
13_T1_Studio_02	YES (+9.1%)	NO
13_T1_Studio_03	YES (+30.4%)	NO
13_T1_Studio_04	NO (-44.5%)	NO
13_T1_Studio_05	NO (-41.8%)	NO
13_T2_Acc_Studio_01	NO (-79%)	NO
13_T2_Studio_01	NO (-21.6%)	NO
13_T2_Studio_02	NO (-17.9%)	NO
13_T2_Studio_03	NO (-44.9%)	NO
13_T2_Studio_04	NO (-37.9%)	NO
13_T2_Studio_05	YES (+14.1%)	NO
13_T2_Studio_06	YES (+10.7%)	NO
13_T2_Studio_07	YES (+18.5%)	NO
13_T2_Studio_08	YES (+13.7%)	NO
13_T2_Studio_09	YES (+14.1%)	NO
13_T2_Studio_10	YES (+15.1%)	NO
13_T2_Studio_11	YES (+22.3%)	NO
13_T2_Twodio1_A	NO (-8.2%)	NO
13_T2_Twodio1_B	NO (-9.8%)	NO
13_T2_Twodio4_A	NO (-8.4%)	NO
13_T2_Twodio4_B	NO (-69.6%)	NO
14_T1_Acc_Studio_01	NO (-61%)	NO
14_T1_Cluster1_Bed_01	NO (-71.2%)	NO
14_T1_Cluster1_Bed_02	NO (-17.9%)	NO
14_T1_Cluster1_Bed_03	NO (-19.3%)	NO
14_T1_Cluster1_Bed_04	NO (-15.8%)	NO
14_T1_Cluster1_Bed_05	NO (-15.8%)	NO
14_T1_Cluster1_Bed_06	NO (-19.1%)	NO
14_T1_Cluster1_Bed_07	NO (-17.9%)	NO
14_T1_Cluster1_Bed_08	NO (-19.3%)	NO
14_T1_Cluster1_Bed_10	NO (-70.8%)	NO
14_T1_Cluster1_Bed_14	NO (-15.8%)	NO
14_T1_Cluster2_Bed_01	NO (-58.1%)	NO
14_T1_Cluster2_Bed_02	YES (+18.5%)	NO
14_T1_Cluster2_Bed_03	YES (+16.4%)	NO
14_T1_Cluster2_Bed_04	YES (+21.4%)	NO
14_T1_Cluster2_Bed_05	YES (+21.3%)	NO
14_T1_Cluster2_Bed_06	YES (+15.9%)	NO
14_T1_Cluster2_Bed_07	YES (+17.5%)	NO
14_T1_Cluster2_Bed_08	YES (+14.8%)	NO
14_T1_Cluster2_Bed_10	NO (-58.7%)	NO
14_T1_Cluster2_Bed_14	YES (+19.4%)	NO
14_T1_Studio_01	YES (+27.5%)	NO
14_T1_Studio_02	YES (+9.1%)	NO
14_T1_Studio_03	YES (+30.4%)	NO
14_T1_Studio_04	NO (-42.8%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
14_T1_Studio_05	NO (-39.8%)	NO
14_T2_Acc_Studio_01	NO (-79%)	NO
14_T2_Studio_01	NO (-21.6%)	NO
14_T2_Studio_02	NO (-17.9%)	NO
14_T2_Studio_03	NO (-44.9%)	NO
14_T2_Studio_04	NO (-37.9%)	NO
14_T2_Studio_05	YES (+14.1%)	NO
14_T2_Studio_06	YES (+10.7%)	NO
14_T2_Studio_07	YES (+18.5%)	NO
14_T2_Studio_08	YES (+13.7%)	NO
14_T2_Studio_09	YES (+14.1%)	NO
14_T2_Studio_10	YES (+15.1%)	NO
14_T2_Studio_11	YES (+22.3%)	NO
14_T2_Twodio1_A	NO (-8.2%)	NO
14_T2_Twodio1_B	NO (-9.8%)	NO
14_T2_Twodio4_A	NO (-8.4%)	NO
14_T2_Twodio4_B	NO (-69.6%)	NO
15_T1_Acc_Studio_01	NO (-58.4%)	NO
15_T1_Cluster1_Bed_01	NO (-71.2%)	NO
15_T1_Cluster1_Bed_02	NO (-17.9%)	NO
15_T1_Cluster1_Bed_03	NO (-19.3%)	NO
15_T1_Cluster1_Bed_04	NO (-15.8%)	NO
15_T1_Cluster1_Bed_05	NO (-15.8%)	NO
15_T1_Cluster1_Bed_06	NO (-19.1%)	NO
15_T1_Cluster1_Bed_07	NO (-17.9%)	NO
15_T1_Cluster1_Bed_08	NO (-19.3%)	NO
15_T1_Cluster1_Bed_10	NO (-70.8%)	NO
15_T1_Cluster1_Bed_15	NO (-15.8%)	NO
15_T1_Cluster2_Bed_01	NO (-58%)	NO
15_T1_Cluster2_Bed_02	YES (+18.8%)	NO
15_T1_Cluster2_Bed_03	YES (+16.7%)	NO
15_T1_Cluster2_Bed_04	YES (+21.6%)	NO
15_T1_Cluster2_Bed_05	YES (+21.4%)	NO
15_T1_Cluster2_Bed_06	YES (+16%)	NO
15_T1_Cluster2_Bed_07	YES (+17.5%)	NO
15_T1_Cluster2_Bed_08	YES (+14.8%)	NO
15_T1_Cluster2_Bed_10	NO (-58.7%)	NO
15_T1_Cluster2_Bed_15	YES (+19.5%)	NO
15_T1_Studio_01	YES (+27.5%)	NO
15_T1_Studio_02	YES (+9.1%)	NO
15_T1_Studio_03	YES (+30.4%)	NO
15_T1_Studio_04	NO (-39.3%)	NO
15_T1_Studio_05	NO (-37.2%)	NO
15_T2_Acc_Studio_01	NO (-79%)	NO
15_T2_Studio_01	NO (-21.6%)	NO
15_T2_Studio_02	NO (-17.9%)	NO
15_T2_Studio_03	NO (-44.9%)	NO
15_T2_Studio_04	NO (-37.9%)	NO
15_T2_Studio_05	YES (+14.1%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
15_T2_Studio_06	YES (+10.7%)	NO
15_T2_Studio_07	YES (+18.5%)	NO
15_T2_Studio_08	YES (+13.7%)	NO
15_T2_Studio_09	YES (+14.1%)	NO
15_T2_Studio_10	YES (+15.1%)	NO
15_T2_Studio_11	YES (+22.3%)	NO
15_T2_Twodio1_A	NO (-8.2%)	NO
15_T2_Twodio1_B	NO (-9.8%)	NO
15_T2_Twodio4_A	NO (-8.4%)	NO
15_T2_Twodio4_B	NO (-69.6%)	NO
16_T1_Acc_Studio_01	NO (-56%)	NO
16_T1_Cluster1_Bed_01	NO (-71.2%)	NO
16_T1_Cluster1_Bed_02	NO (-17.9%)	NO
16_T1_Cluster1_Bed_03	NO (-19.3%)	NO
16_T1_Cluster1_Bed_04	NO (-15.8%)	NO
16_T1_Cluster1_Bed_05	NO (-15.8%)	NO
16_T1_Cluster1_Bed_06	NO (-19.1%)	NO
16_T1_Cluster1_Bed_07	NO (-17.9%)	NO
16_T1_Cluster1_Bed_08	NO (-19.3%)	NO
16_T1_Cluster1_Bed_10	NO (-70.8%)	NO
16_T1_Cluster1_Bed_16	NO (-15.8%)	NO
16_T1_Cluster2_Bed_01	NO (-58%)	NO
16_T1_Cluster2_Bed_02	YES (+18.9%)	NO
16_T1_Cluster2_Bed_03	YES (+16.8%)	NO
16_T1_Cluster2_Bed_04	YES (+21.8%)	NO
16_T1_Cluster2_Bed_05	YES (+21.7%)	NO
16_T1_Cluster2_Bed_06	YES (+16.1%)	NO
16_T1_Cluster2_Bed_07	YES (+17.6%)	NO
16_T1_Cluster2_Bed_08	YES (+14.9%)	NO
16_T1_Cluster2_Bed_10	NO (-58.7%)	NO
16_T1_Cluster2_Bed_16	YES (+19.5%)	NO
16_T1_Studio_01	YES (+27.5%)	NO
16_T1_Studio_02	YES (+9.1%)	NO
16_T1_Studio_03	YES (+30.4%)	NO
16_T1_Studio_04	NO (-36.9%)	NO
16_T1_Studio_05	NO (-33.5%)	NO
16_T2_Acc_Studio_01	NO (-79%)	NO
16_T2_Studio_01	NO (-21.6%)	NO
16_T2_Studio_02	NO (-17.9%)	NO
16_T2_Studio_03	NO (-44.9%)	NO
16_T2_Studio_04	NO (-37.9%)	NO
16_T2_Studio_05	YES (+14.1%)	NO
16_T2_Studio_06	YES (+10.7%)	NO
16_T2_Studio_07	YES (+18.5%)	NO
16_T2_Studio_08	YES (+13.7%)	NO
16_T2_Studio_09	YES (+14.1%)	NO
16_T2_Studio_10	YES (+15.1%)	NO
16_T2_Studio_11	YES (+22.3%)	NO
16_T2_Twodio1_A	NO (-8.2%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
16_T2_Twodio1_B	NO (-9.8%)	NO
16_T2_Twodio4_A	NO (-8.4%)	NO
16_T2_Twodio4_B	NO (-69.6%)	NO
17_T1_Acc_Studio_01	NO (-52.1%)	NO
17_T1_Cluster1_Bed_01	NO (-71.2%)	NO
17_T1_Cluster1_Bed_02	NO (-17.9%)	NO
17_T1_Cluster1_Bed_03	NO (-19.3%)	NO
17_T1_Cluster1_Bed_04	NO (-15.8%)	NO
17_T1_Cluster1_Bed_05	NO (-15.8%)	NO
17_T1_Cluster1_Bed_06	NO (-19.1%)	NO
17_T1_Cluster1_Bed_07	NO (-17.9%)	NO
17_T1_Cluster1_Bed_08	NO (-19.3%)	NO
17_T1_Cluster1_Bed_10	NO (-70.8%)	NO
17_T1_Cluster1_Bed_17	NO (-15.8%)	NO
17_T1_Cluster2_Bed_01	NO (-58%)	NO
17_T1_Cluster2_Bed_02	YES (+18.9%)	NO
17_T1_Cluster2_Bed_03	YES (+16.8%)	NO
17_T1_Cluster2_Bed_04	YES (+21.9%)	NO
17_T1_Cluster2_Bed_05	YES (+21.8%)	NO
17_T1_Cluster2_Bed_06	YES (+16.6%)	NO
17_T1_Cluster2_Bed_07	YES (+17.9%)	NO
17_T1_Cluster2_Bed_08	YES (+15%)	NO
17_T1_Cluster2_Bed_10	NO (-58.3%)	NO
17_T1_Cluster2_Bed_17	YES (+19.7%)	NO
17_T1_Studio_01	YES (+27.5%)	NO
17_T1_Studio_02	YES (+9.1%)	NO
17_T1_Studio_03	YES (+30.4%)	NO
17_T1_Studio_04	NO (-32%)	NO
17_T1_Studio_05	NO (-27.5%)	NO
17_T2_Acc_Studio_01	NO (-79%)	NO
17_T2_Studio_01	NO (-21.6%)	NO
17_T2_Studio_02	NO (-17.9%)	NO
17_T2_Studio_03	NO (-44.9%)	NO
17_T2_Studio_04	NO (-37.9%)	NO
17_T2_Studio_05	YES (+14.1%)	NO
17_T2_Studio_06	YES (+10.7%)	NO
17_T2_Studio_07	YES (+18.5%)	NO
17_T2_Studio_08	YES (+13.7%)	NO
17_T2_Studio_09	YES (+14.1%)	NO
17_T2_Studio_10	YES (+15.1%)	NO
17_T2_Studio_11	YES (+22.3%)	NO
17_T2_Twodio1_A	NO (-8.2%)	NO
17_T2_Twodio1_B	NO (-9.8%)	NO
17_T2_Twodio4_A	NO (-8.4%)	NO
17_T2_Twodio4_B	NO (-69.6%)	NO
18_T1_Acc_Studio_01	NO (-48.7%)	NO
18_T1_Cluster1_Bed_01	NO (-71.2%)	NO
18_T1_Cluster1_Bed_02	NO (-17.9%)	NO
18_T1_Cluster1_Bed_03	NO (-19.3%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
18_T1_Cluster1_Bed_04	NO (-15.8%)	NO
18_T1_Cluster1_Bed_05	NO (-15.8%)	NO
18_T1_Cluster1_Bed_06	NO (-19.1%)	NO
18_T1_Cluster1_Bed_07	NO (-17.9%)	NO
18_T1_Cluster1_Bed_08	NO (-19.3%)	NO
18_T1_Cluster1_Bed_10	NO (-70.8%)	NO
18_T1_Cluster1_Bed_18	NO (-15.8%)	NO
18_T1_Cluster2_Bed_01	NO (-58%)	NO
18_T1_Cluster2_Bed_02	YES (+18.9%)	NO
18_T1_Cluster2_Bed_03	YES (+16.9%)	NO
18_T1_Cluster2_Bed_04	YES (+21.9%)	NO
18_T1_Cluster2_Bed_05	YES (+21.8%)	NO
18_T1_Cluster2_Bed_06	YES (+16.9%)	NO
18_T1_Cluster2_Bed_07	YES (+18.5%)	NO
18_T1_Cluster2_Bed_08	YES (+15.7%)	NO
18_T1_Cluster2_Bed_10	NO (-58.2%)	NO
18_T1_Cluster2_Bed_18	YES (+20.1%)	NO
18_T1_Studio_01	YES (+27.5%)	NO
18_T1_Studio_02	YES (+9.1%)	NO
18_T1_Studio_03	YES (+30.4%)	NO
18_T1_Studio_04	NO (-26.6%)	NO
18_T1_Studio_05	NO (-22.4%)	NO
18_T2_Acc_Studio_01	NO (-79%)	NO
18_T2_Studio_01	NO (-21.5%)	NO
18_T2_Studio_02	NO (-17.9%)	NO
18_T2_Studio_03	NO (-44.9%)	NO
18_T2_Studio_04	NO (-37.9%)	NO
18_T2_Studio_05	YES (+14.1%)	NO
18_T2_Studio_06	YES (+10.7%)	NO
18_T2_Studio_07	YES (+18.5%)	NO
18_T2_Studio_08	YES (+13.7%)	NO
18_T2_Studio_09	YES (+14.1%)	NO
18_T2_Studio_10	YES (+15.1%)	NO
18_T2_Studio_11	YES (+22.3%)	NO
18_T2_Twodio1_A	NO (-8.2%)	NO
18_T2_Twodio1_B	NO (-9.8%)	NO
18_T2_Twodio4_A	NO (-8.4%)	NO
18_T2_Twodio4_B	NO (-69.6%)	NO
19_T1_Acc_Studio_01	NO (-40.2%)	NO
19_T1_Amenity	NO (-25.2%)	NO
19_T1_Cluster1_Bed_01	NO (-71.2%)	NO
19_T1_Cluster1_Bed_02	NO (-17.9%)	NO
19_T1_Cluster1_Bed_03	NO (-19.3%)	NO
19_T1_Cluster1_Bed_04	NO (-15.8%)	NO
19_T1_Cluster1_Bed_05	NO (-15.8%)	NO
19_T1_Cluster1_Bed_06	NO (-19.1%)	NO
19_T1_Cluster1_Bed_07	NO (-17.9%)	NO
19_T1_Cluster1_Bed_08	NO (-19.3%)	NO
19_T1_Cluster1_Bed_10	NO (-70.8%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
19_T1_Cluster1_Bed_19	NO (-15.8%)	NO
19_T1_Cluster2_Bed_01	NO (-58%)	NO
19_T1_Cluster2_Bed_02	YES (+19%)	NO
19_T1_Cluster2_Bed_03	YES (+16.9%)	NO
19_T1_Cluster2_Bed_04	YES (+21.9%)	NO
19_T1_Cluster2_Bed_05	YES (+21.9%)	NO
19_T1_Cluster2_Bed_06	YES (+17%)	NO
19_T1_Studio_01	YES (+27.5%)	NO
19_T1_Studio_02	YES (+9.1%)	NO
19_T1_Studio_03	YES (+30.4%)	NO
19_T1_Studio_04	NO (-14.2%)	NO
19_T1_Studio_05	NO (-11.7%)	NO
19_T2_Acc_Studio_01	NO (-79%)	NO
19_T2_Studio_01	NO (-20.8%)	NO
19_T2_Studio_02	NO (-17.2%)	NO
19_T2_Studio_03	NO (-44.7%)	NO
19_T2_Studio_04	NO (-37.9%)	NO
19_T2_Studio_05	YES (+14.1%)	NO
19_T2_Studio_06	YES (+10.7%)	NO
19_T2_Studio_07	YES (+18.5%)	NO
19_T2_Studio_08	YES (+13.7%)	NO
19_T2_Studio_09	YES (+14.1%)	NO
19_T2_Studio_10	YES (+15.1%)	NO
19_T2_Studio_11	YES (+22.3%)	NO
19_T2_Twodio1_A	NO (-8.2%)	NO
19_T2_Twodio1_B	NO (-9.8%)	NO
19_T2_Twodio4_A	NO (-8.4%)	NO
19_T2_Twodio4_B	NO (-69.6%)	NO
20_T1_Acc_Studio_01	NO (-33.2%)	NO
20_T1_Cluster1_Bed_01	NO (-71.2%)	NO
20_T1_Cluster1_Bed_02	NO (-17.9%)	NO
20_T1_Cluster1_Bed_03	NO (-19.3%)	NO
20_T1_Cluster1_Bed_04	NO (-15.8%)	NO
20_T1_Cluster1_Bed_05	NO (-15.8%)	NO
20_T1_Cluster1_Bed_06	NO (-19.1%)	NO
20_T1_Cluster1_Bed_07	NO (-17.9%)	NO
20_T1_Cluster1_Bed_08	NO (-19.3%)	NO
20_T1_Cluster1_Bed_10	NO (-70.8%)	NO
20_T1_Cluster1_Bed_20	NO (-15.8%)	NO
20_T1_Cluster2_Bed_01	NO (-58%)	NO
20_T1_Cluster2_Bed_02	YES (+19.1%)	NO
20_T1_Cluster2_Bed_03	YES (+17%)	NO
20_T1_Cluster2_Bed_04	YES (+22%)	NO
20_T1_Cluster2_Bed_05	YES (+21.9%)	NO
20_T1_Cluster2_Bed_06	YES (+17.1%)	NO
20_T1_Cluster2_Bed_07	YES (+18.9%)	NO
20_T1_Cluster2_Bed_08	YES (+16.7%)	NO
20_T1_Cluster2_Bed_10	NO (-57.6%)	NO
20_T1_Cluster2_Bed_20	YES (+21.6%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
20_T1_Studio_01	YES (+27.5%)	NO
20_T1_Studio_02	YES (+9.1%)	NO
20_T1_Studio_03	YES (+30.4%)	NO
20_T1_Studio_04	NO (-4.3%)	NO
20_T1_Studio_05	NO (-2.3%)	NO
20_T2_Acc_Studio_01	NO (-79%)	NO
20_T2_Studio_01	NO (-20.2%)	NO
20_T2_Studio_02	NO (-16.7%)	NO
20_T2_Studio_03	NO (-44.5%)	NO
20_T2_Studio_04	NO (-37.9%)	NO
20_T2_Studio_05	YES (+14.1%)	NO
20_T2_Studio_06	YES (+10.7%)	NO
20_T2_Studio_07	YES (+18.5%)	NO
20_T2_Studio_08	YES (+13.7%)	NO
20_T2_Studio_09	YES (+14.1%)	NO
20_T2_Studio_10	YES (+15.1%)	NO
20_T2_Studio_11	YES (+22.3%)	NO
20_T2_Twodio1_A	NO (-8.2%)	NO
20_T2_Twodio1_B	NO (-9.8%)	NO
20_T2_Twodio4_A	NO (-8.4%)	NO
20_T2_Twodio4_B	NO (-69.6%)	NO
21_T1_Acc_Studio_01	NO (-24.9%)	NO
21_T1_Cluster1_Bed_01	NO (-71.2%)	NO
21_T1_Cluster1_Bed_02	NO (-17.9%)	NO
21_T1_Cluster1_Bed_03	NO (-19.3%)	NO
21_T1_Cluster1_Bed_04	NO (-15.8%)	NO
21_T1_Cluster1_Bed_05	NO (-15.8%)	NO
21_T1_Cluster1_Bed_06	NO (-19.1%)	NO
21_T1_Cluster1_Bed_07	NO (-17.9%)	NO
21_T1_Cluster1_Bed_08	NO (-19.3%)	NO
21_T1_Cluster1_Bed_10	NO (-70.8%)	NO
21_T1_Cluster1_Bed_21	NO (-15.8%)	NO
21_T1_Cluster2_Bed_01	NO (-57.9%)	NO
21_T1_Cluster2_Bed_02	YES (+19.2%)	NO
21_T1_Cluster2_Bed_03	YES (+17.2%)	NO
21_T1_Cluster2_Bed_04	YES (+22.2%)	NO
21_T1_Cluster2_Bed_05	YES (+22.2%)	NO
21_T1_Cluster2_Bed_06	YES (+17.4%)	NO
21_T1_Cluster2_Bed_07	YES (+19.1%)	NO
21_T1_Cluster2_Bed_08	YES (+17.1%)	NO
21_T1_Cluster2_Bed_10	NO (-57.4%)	NO
21_T1_Cluster2_Bed_21	YES (+22.1%)	NO
21_T1_Studio_01	YES (+27.5%)	NO
21_T1_Studio_02	YES (+9.1%)	NO
21_T1_Studio_03	YES (+30.4%)	NO
21_T1_Studio_04	YES (+8.3%)	NO
21_T1_Studio_05	YES (+8.8%)	NO
21_T2_Acc_Studio_01	NO (-79%)	NO
21_T2_Studio_01	NO (-19.9%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
21_T2_Studio_02	NO (-16.1%)	NO
21_T2_Studio_03	NO (-44.3%)	NO
21_T2_Studio_04	NO (-37.9%)	NO
21_T2_Studio_05	YES (+14.1%)	NO
21_T2_Studio_06	YES (+10.7%)	NO
21_T2_Studio_07	YES (+18.5%)	NO
21_T2_Studio_08	YES (+13.7%)	NO
21_T2_Studio_09	YES (+14.1%)	NO
21_T2_Studio_10	YES (+15.1%)	NO
21_T2_Studio_11	YES (+22.3%)	NO
21_T2_Twodio1_A	NO (-8.2%)	NO
21_T2_Twodio1_B	NO (-9.8%)	NO
21_T2_Twodio4_A	NO (-8.4%)	NO
21_T2_Twodio4_B	NO (-69.6%)	NO
22_T1_Acc_Studio_01	NO (-23.4%)	NO
22_T1_Cluster1_Bed_01	NO (-71.2%)	NO
22_T1_Cluster1_Bed_02	NO (-17.9%)	NO
22_T1_Cluster1_Bed_03	NO (-19.3%)	NO
22_T1_Cluster1_Bed_04	NO (-15.8%)	NO
22_T1_Cluster1_Bed_05	NO (-15.8%)	NO
22_T1_Cluster1_Bed_06	NO (-19.1%)	NO
22_T1_Cluster1_Bed_07	NO (-17.9%)	NO
22_T1_Cluster1_Bed_08	NO (-19.3%)	NO
22_T1_Cluster1_Bed_10	NO (-70.8%)	NO
22_T1_Cluster1_Bed_22	NO (-15.8%)	NO
22_T1_Cluster2_Bed_01	NO (-57.9%)	NO
22_T1_Cluster2_Bed_02	YES (+19.2%)	NO
22_T1_Cluster2_Bed_03	YES (+17.2%)	NO
22_T1_Cluster2_Bed_04	YES (+22.2%)	NO
22_T1_Cluster2_Bed_05	YES (+22.2%)	NO
22_T1_Cluster2_Bed_06	YES (+17.4%)	NO
22_T1_Cluster2_Bed_07	YES (+19.2%)	NO
22_T1_Cluster2_Bed_08	YES (+17.2%)	NO
22_T1_Cluster2_Bed_10	NO (-57.3%)	NO
22_T1_Cluster2_Bed_22	YES (+22.2%)	NO
22_T1_Studio_01	YES (+27.5%)	NO
22_T1_Studio_02	YES (+9.1%)	NO
22_T1_Studio_03	YES (+30.4%)	NO
22_T1_Studio_04	YES (+10.7%)	NO
22_T1_Studio_05	YES (+10.8%)	NO
23_T1_Acc_Studio_01	NO (-23.4%)	NO
23_T1_Cluster1_Bed_01	NO (-71.2%)	NO
23_T1_Cluster1_Bed_02	NO (-17.9%)	NO
23_T1_Cluster1_Bed_03	NO (-19.3%)	NO
23_T1_Cluster1_Bed_04	NO (-15.8%)	NO
23_T1_Cluster1_Bed_05	NO (-15.8%)	NO
23_T1_Cluster1_Bed_06	NO (-19.1%)	NO
23_T1_Cluster1_Bed_07	NO (-17.9%)	NO
23_T1_Cluster1_Bed_08	NO (-19.3%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
23_T1_Cluster1_Bed_10	NO (-70.8%)	NO
23_T1_Cluster1_Bed_23	NO (-15.8%)	NO
23_T1_Cluster2_Bed_01	NO (-57.9%)	NO
23_T1_Cluster2_Bed_02	YES (+19.2%)	NO
23_T1_Cluster2_Bed_03	YES (+17.2%)	NO
23_T1_Cluster2_Bed_04	YES (+22.2%)	NO
23_T1_Cluster2_Bed_05	YES (+22.2%)	NO
23_T1_Cluster2_Bed_06	YES (+17.4%)	NO
23_T1_Cluster2_Bed_07	YES (+19.2%)	NO
23_T1_Cluster2_Bed_08	YES (+17.2%)	NO
23_T1_Cluster2_Bed_10	NO (-57.3%)	NO
23_T1_Cluster2_Bed_23	YES (+22.2%)	NO
23_T1_Studio_01	YES (+27.5%)	NO
23_T1_Studio_02	YES (+9.1%)	NO
23_T1_Studio_03	YES (+30.4%)	NO
23_T1_Studio_04	YES (+10.7%)	NO
23_T1_Studio_05	YES (+10.8%)	NO
24_T1_Acc_Studio_01	NO (-23.4%)	NO
24_T1_Cluster1_Bed_01	NO (-71.2%)	NO
24_T1_Cluster1_Bed_02	NO (-17.9%)	NO
24_T1_Cluster1_Bed_03	NO (-19.3%)	NO
24_T1_Cluster1_Bed_04	NO (-15.8%)	NO
24_T1_Cluster1_Bed_05	NO (-15.8%)	NO
24_T1_Cluster1_Bed_06	NO (-19.1%)	NO
24_T1_Cluster1_Bed_07	NO (-17.9%)	NO
24_T1_Cluster1_Bed_08	NO (-19.3%)	NO
24_T1_Cluster1_Bed_10	NO (-70.8%)	NO
24_T1_Cluster1_Bed_24	NO (-15.8%)	NO
24_T1_Cluster2_Bed_01	NO (-57.9%)	NO
24_T1_Cluster2_Bed_02	YES (+19.2%)	NO
24_T1_Cluster2_Bed_03	YES (+17.2%)	NO
24_T1_Cluster2_Bed_04	YES (+22.2%)	NO
24_T1_Cluster2_Bed_05	YES (+22.2%)	NO
24_T1_Cluster2_Bed_06	YES (+17.4%)	NO
24_T1_Cluster2_Bed_07	YES (+19.2%)	NO
24_T1_Cluster2_Bed_08	YES (+17.2%)	NO
24_T1_Cluster2_Bed_10	NO (-57.3%)	NO
24_T1_Cluster2_Bed_24	YES (+22.2%)	NO
24_T1_Studio_01	YES (+27.5%)	NO
24_T1_Studio_02	YES (+9.1%)	NO
24_T1_Studio_03	YES (+30.4%)	NO
24_T1_Studio_04	YES (+10.7%)	NO
24_T1_Studio_05	YES (+10.8%)	NO
25_T1_Acc_Studio_01	NO (-23.4%)	NO
25_T1_Cluster1_Bed_01	NO (-71.2%)	NO
25_T1_Cluster1_Bed_02	NO (-17.9%)	NO
25_T1_Cluster1_Bed_03	NO (-19.3%)	NO
25_T1_Cluster1_Bed_04	NO (-15.8%)	NO
25_T1_Cluster1_Bed_05	NO (-15.8%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
25_T1_Cluster1_Bed_06	NO (-19.1%)	NO
25_T1_Cluster1_Bed_07	NO (-17.9%)	NO
25_T1_Cluster1_Bed_08	NO (-19.3%)	NO
25_T1_Cluster1_Bed_10	NO (-70.8%)	NO
25_T1_Cluster1_Bed_25	NO (-15.8%)	NO
25_T1_Cluster2_Bed_01	NO (-57.9%)	NO
25_T1_Cluster2_Bed_02	YES (+19.2%)	NO
25_T1_Cluster2_Bed_03	YES (+17.2%)	NO
25_T1_Cluster2_Bed_04	YES (+22.2%)	NO
25_T1_Cluster2_Bed_05	YES (+22.2%)	NO
25_T1_Cluster2_Bed_06	YES (+17.4%)	NO
25_T1_Cluster2_Bed_07	YES (+19.2%)	NO
25_T1_Cluster2_Bed_08	YES (+17.2%)	NO
25_T1_Cluster2_Bed_10	NO (-57.3%)	NO
25_T1_Cluster2_Bed_25	YES (+22.2%)	NO
25_T1_Studio_01	YES (+27.5%)	NO
25_T1_Studio_02	YES (+9.1%)	NO
25_T1_Studio_03	YES (+30.4%)	NO
25_T1_Studio_04	YES (+10.7%)	NO
25_T1_Studio_05	YES (+10.8%)	NO
26_T1_Acc_Studio_01	NO (-23.4%)	NO
26_T1_Cluster1_Bed_01	NO (-71.2%)	NO
26_T1_Cluster1_Bed_02	NO (-17.9%)	NO
26_T1_Cluster1_Bed_03	NO (-19.3%)	NO
26_T1_Cluster1_Bed_04	NO (-15.8%)	NO
26_T1_Cluster1_Bed_05	NO (-15.8%)	NO
26_T1_Cluster1_Bed_06	NO (-19.1%)	NO
26_T1_Cluster1_Bed_07	NO (-17.9%)	NO
26_T1_Cluster1_Bed_08	NO (-19.3%)	NO
26_T1_Cluster1_Bed_10	NO (-70.8%)	NO
26_T1_Cluster1_Bed_26	NO (-15.8%)	NO
26_T1_Cluster2_Bed_01	NO (-57.9%)	NO
26_T1_Cluster2_Bed_02	YES (+19.2%)	NO
26_T1_Cluster2_Bed_03	YES (+17.2%)	NO
26_T1_Cluster2_Bed_04	YES (+22.2%)	NO
26_T1_Cluster2_Bed_05	YES (+22.2%)	NO
26_T1_Cluster2_Bed_06	YES (+17.4%)	NO
26_T1_Cluster2_Bed_07	YES (+19.2%)	NO
26_T1_Cluster2_Bed_08	YES (+17.2%)	NO
26_T1_Cluster2_Bed_10	NO (-57.3%)	NO
26_T1_Cluster2_Bed_26	YES (+22.2%)	NO
26_T1_Studio_01	YES (+27.5%)	NO
26_T1_Studio_02	YES (+9.1%)	NO
26_T1_Studio_03	YES (+30.4%)	NO
26_T1_Studio_04	YES (+10.7%)	NO
26_T1_Studio_05	YES (+10.8%)	NO
27_T1_Acc_Studio_01	NO (-23.4%)	NO
27_T1_Cluster1_Bed_01	NO (-71.2%)	NO
27_T1_Cluster1_Bed_02	NO (-17.9%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
27_T1_Cluster1_Bed_03	NO (-19.3%)	NO
27_T1_Cluster1_Bed_04	NO (-15.8%)	NO
27_T1_Cluster1_Bed_05	NO (-15.8%)	NO
27_T1_Cluster1_Bed_06	NO (-19.1%)	NO
27_T1_Cluster1_Bed_07	NO (-17.9%)	NO
27_T1_Cluster1_Bed_08	NO (-19.3%)	NO
27_T1_Cluster1_Bed_10	NO (-70.8%)	NO
27_T1_Cluster1_Bed_27	NO (-15.8%)	NO
27_T1_Cluster2_Bed_01	NO (-57.9%)	NO
27_T1_Cluster2_Bed_02	YES (+19.2%)	NO
27_T1_Cluster2_Bed_03	YES (+17.2%)	NO
27_T1_Cluster2_Bed_04	YES (+22.2%)	NO
27_T1_Cluster2_Bed_05	YES (+22.2%)	NO
27_T1_Cluster2_Bed_06	YES (+17.4%)	NO
27_T1_Cluster2_Bed_07	YES (+19.2%)	NO
27_T1_Cluster2_Bed_08	YES (+17.2%)	NO
27_T1_Cluster2_Bed_10	NO (-57.3%)	NO
27_T1_Cluster2_Bed_27	YES (+22.2%)	NO
27_T1_Studio_01	YES (+27.5%)	NO
27_T1_Studio_02	YES (+9.1%)	NO
27_T1_Studio_03	YES (+30.4%)	NO
27_T1_Studio_04	YES (+10.7%)	NO
27_T1_Studio_05	YES (+10.8%)	NO
28_T1_Acc_Studio_01	NO (-23.4%)	NO
28_T1_Cluster1_Bed_01	NO (-71.2%)	NO
28_T1_Cluster1_Bed_02	NO (-17.9%)	NO
28_T1_Cluster1_Bed_03	NO (-19.3%)	NO
28_T1_Cluster1_Bed_04	NO (-15.8%)	NO
28_T1_Cluster1_Bed_05	NO (-15.8%)	NO
28_T1_Cluster1_Bed_06	NO (-19.1%)	NO
28_T1_Cluster1_Bed_07	NO (-17.9%)	NO
28_T1_Cluster1_Bed_08	NO (-19.3%)	NO
28_T1_Cluster1_Bed_10	NO (-70.8%)	NO
28_T1_Cluster1_Bed_28	NO (-15.8%)	NO
28_T1_Cluster2_Bed_01	NO (-57.9%)	NO
28_T1_Cluster2_Bed_02	YES (+19.2%)	NO
28_T1_Cluster2_Bed_03	YES (+17.2%)	NO
28_T1_Cluster2_Bed_04	YES (+22.2%)	NO
28_T1_Cluster2_Bed_05	YES (+22.2%)	NO
28_T1_Cluster2_Bed_06	YES (+17.4%)	NO
28_T1_Cluster2_Bed_07	YES (+19.2%)	NO
28_T1_Cluster2_Bed_08	YES (+17.2%)	NO
28_T1_Cluster2_Bed_10	NO (-57.3%)	NO
28_T1_Cluster2_Bed_28	YES (+22.2%)	NO
28_T1_Studio_01	YES (+27.5%)	NO
28_T1_Studio_02	YES (+9.1%)	NO
28_T1_Studio_03	YES (+30.4%)	NO
28_T1_Studio_04	YES (+10.7%)	NO
28_T1_Studio_05	YES (+10.8%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
29_T1_Acc_Studio_01	NO (-23.4%)	NO
29_T1_Amenity	NO (-24.6%)	NO
29_T1_Cluster1_Bed_01	NO (-71.2%)	NO
29_T1_Cluster1_Bed_02	NO (-17.9%)	NO
29_T1_Cluster1_Bed_03	NO (-19.3%)	NO
29_T1_Cluster1_Bed_04	NO (-15.8%)	NO
29_T1_Cluster1_Bed_05	NO (-15.8%)	NO
29_T1_Cluster1_Bed_06	NO (-19.1%)	NO
29_T1_Cluster1_Bed_07	NO (-17.9%)	NO
29_T1_Cluster1_Bed_08	NO (-19.3%)	NO
29_T1_Cluster1_Bed_10	NO (-70.8%)	NO
29_T1_Cluster1_Bed_29	NO (-15.8%)	NO
29_T1_Cluster2_Bed_01	NO (-57.9%)	NO
29_T1_Cluster2_Bed_02	YES (+19.2%)	NO
29_T1_Cluster2_Bed_03	YES (+17.2%)	NO
29_T1_Cluster2_Bed_04	YES (+22.2%)	NO
29_T1_Cluster2_Bed_05	YES (+22.2%)	NO
29_T1_Cluster2_Bed_06	YES (+17.4%)	NO
29_T1_Studio_01	YES (+27.5%)	NO
29_T1_Studio_02	YES (+9.1%)	NO
29_T1_Studio_03	YES (+30.4%)	NO
29_T1_Studio_04	YES (+10.7%)	NO
29_T1_Studio_05	YES (+10.8%)	NO
30_T1_Acc_Studio_01	NO (-23.4%)	NO
30_T1_Cluster1_Bed_01	NO (-71.2%)	NO
30_T1_Cluster1_Bed_02	NO (-17.9%)	NO
30_T1_Cluster1_Bed_03	NO (-19.3%)	NO
30_T1_Cluster1_Bed_04	NO (-15.8%)	NO
30_T1_Cluster1_Bed_05	NO (-15.8%)	NO
30_T1_Cluster1_Bed_06	NO (-19.1%)	NO
30_T1_Cluster1_Bed_07	NO (-17.9%)	NO
30_T1_Cluster1_Bed_08	NO (-19.3%)	NO
30_T1_Cluster1_Bed_10	NO (-70.8%)	NO
30_T1_Cluster1_Bed_30	NO (-15.8%)	NO
30_T1_Cluster2_Bed_01	NO (-57.9%)	NO
30_T1_Cluster2_Bed_02	YES (+19.2%)	NO
30_T1_Cluster2_Bed_03	YES (+17.2%)	NO
30_T1_Cluster2_Bed_04	YES (+22.2%)	NO
30_T1_Cluster2_Bed_05	YES (+22.2%)	NO
30_T1_Cluster2_Bed_06	YES (+17.4%)	NO
30_T1_Cluster2_Bed_07	YES (+19.2%)	NO
30_T1_Cluster2_Bed_08	YES (+17.2%)	NO
30_T1_Cluster2_Bed_10	NO (-57.3%)	NO
30_T1_Cluster2_Bed_30	YES (+22.2%)	NO
30_T1_Studio_01	YES (+27.5%)	NO
30_T1_Studio_02	YES (+9.1%)	NO
30_T1_Studio_03	YES (+30.4%)	NO
30_T1_Studio_04	YES (+10.7%)	NO
30_T1_Studio_05	YES (+10.8%)	NO

Regulation 25A: Consideration of high efficiency alternative energy systems

Were alternative energy systems considered and analysed as part of the design process?	YES
Is evidence of such assessment available as a separate submission?	YES
Are any such measures included in the proposed design?	NO

Technical Data Sheet (Actual vs. Notional Building)

Building Global Parameters

	Actual	Notional
Floor area [m^2]	32245.7	32245.7
External area [m^2]	20302.8	20302.8
Weather	MAN	MAN
Infiltration [m^3/hm^2@ 50Pa]	3	3
Average conductance [W/K]	10291.4	11676.2
Average U-value [W/m^2K]	0.51	0.58
Alpha value* [%]	8.53	10

* Percentage of the building's average heat transfer coefficient which is due to thermal bridging

Building Use

% Area	Building Type
	Retail/Financial and Professional Services
	Restaurants and Cafes/Drinking Establishments/Takeaways
	Offices and Workshop Businesses
	General Industrial and Special Industrial Groups
	Storage or Distribution
	Hotels
	Residential Institutions: Hospitals and Care Homes
	Residential Institutions: Residential Schools
100	**Residential Institutions: Universities and Colleges**
	Secure Residential Institutions
	Residential Spaces
	Non-residential Institutions: Community/Day Centre
	Non-residential Institutions: Libraries, Museums, and Galleries
	Non-residential Institutions: Education
	Non-residential Institutions: Primary Health Care Building
	Non-residential Institutions: Crown and County Courts
	General Assembly and Leisure, Night Clubs, and Theatres
	Others: Passenger Terminals
	Others: Emergency Services
	Others: Miscellaneous 24hr Activities
	Others: Car Parks 24 hrs
	Others: Stand Alone Utility Block

Energy Consumption by End Use [kWh/m^2]

	Actual	Notional
Heating	7.39	8.22
Cooling	0.19	0.09
Auxiliary	2.73	1.56
Lighting	6.08	8.5
Hot water	6.45	6.65
Equipment*	18.64	18.64
TOTAL**	**22.84**	**25.02**

* Energy used by equipment does not count towards the total for consumption or calculating emissions.
** Total is net of any electrical energy displaced by CHP generators, if applicable.

Energy Production by Technology [kWh/m^2]

	Actual	Notional
Photovoltaic systems	1.42	0.49
Wind turbines	0	0
CHP generators	0	0
Solar thermal systems	0	0
Displaced electricity	*1.42*	*0.49*

Energy & CO_2 Emissions Summary

	Actual	Notional
Heating + cooling demand [MJ/m^2]	33.45	44.59
Primary energy [kWh_{PE}/m^2]	32.11	36.76
Total emissions [kg/m^2]	3.04	3.47

HVAC Systems Performance

System Type		Heat dem MJ/m2	Cool dem MJ/m2	Heat con kWh/m2	Cool con kWh/m2	Aux con kWh/m2	Heat SSEEF	Cool SSEER	Heat gen SEFF	Cool gen SEER
[ST] Other local room heater - unfanned, [HS] Direct or storage electric heater, [HFT] Electricity, [CFT] Electricity										
	Actual	33.6	0	9.3	0	3.1	1	0	1	0
	Notional	71.6	0	14.1	0	1.9	1.41	0	----	----
[ST] Other local room heater - unfanned, [HS] Direct or storage electric heater, [HFT] Electricity, [CFT] Electricity										
	Actual	38.7	0	10.7	0	2.6	1	0	1	0
	Notional	38	0	7.5	0	2	1.41	0	----	----
[ST] Variable refrigerant flow, [HS] ASHP, [HFT] Electricity, [CFT] Electricity										
	Actual	144.4	98.9	8.5	5.9	8.3	4.71	4.63	5	7
	Notional	85	44	8.5	2.6	12.6	2.78	4.63	----	----
[ST] Split or multi-split system, [HS] ASHP, [HFT] Electricity, [CFT] Electricity										
	Actual	112.4	200.9	8.4	13.1	0	3.73	4.26	4	6
	Notional	304	147	30.4	8.8	0	2.78	4.63	----	----
[ST] Other local room heater - unfanned, [HS] Direct or storage electric heater, [HFT] Electricity, [CFT] Electricity										
	Actual	61.8	0	17.2	0	5.9	1	0	1	0
	Notional	74.6	0	14.7	0	2.1	1.41	0	----	----
[ST] No Heating or Cooling										
	Actual	0	0	0	0	0	0	0	0	0
	Notional	0	0	0	0	0	0	0	----	----

Key to terms

Heat dem [MJ/m2] = Heating energy demand
Cool dem [MJ/m2] = Cooling energy demand
Heat con [kWh/m2] = Heating energy consumption
Cool con [kWh/m2] = Cooling energy consumption
Aux con [kWh/m2] = Auxiliary energy consumption
Heat SSEFF = Heating system seasonal efficiency (for notional building, value depends on activity glazing class)
Cool SSEER = Cooling system seasonal energy efficiency ratio
Heat gen SSEFF = Heating generator seasonal efficiency
Cool gen SSEER = Cooling generator seasonal energy efficiency ratio
ST = System type
HS = Heat source
HFT = Heating fuel type
CFT = Cooling fuel type

Appendix 3: Overheating Study

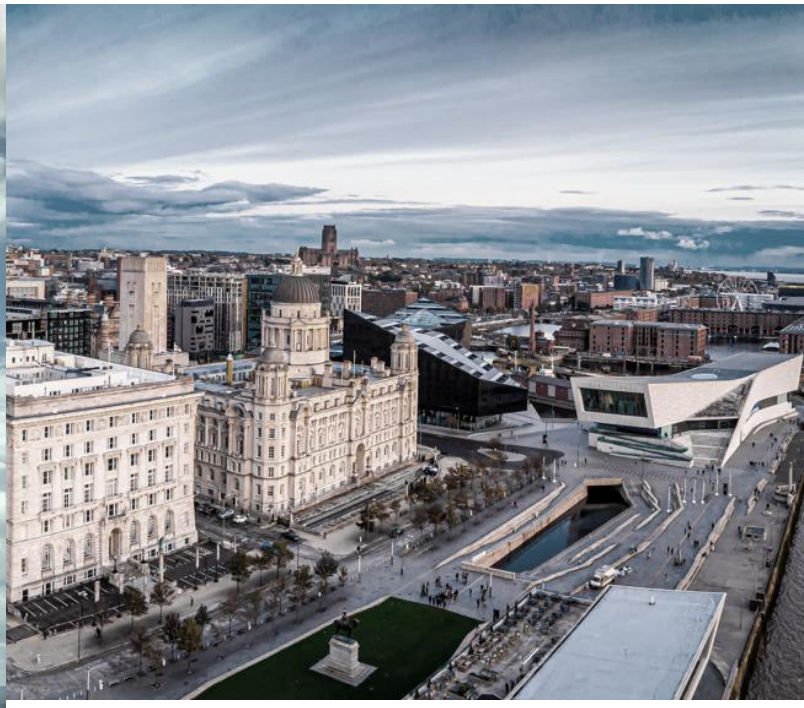
FUTURESERV

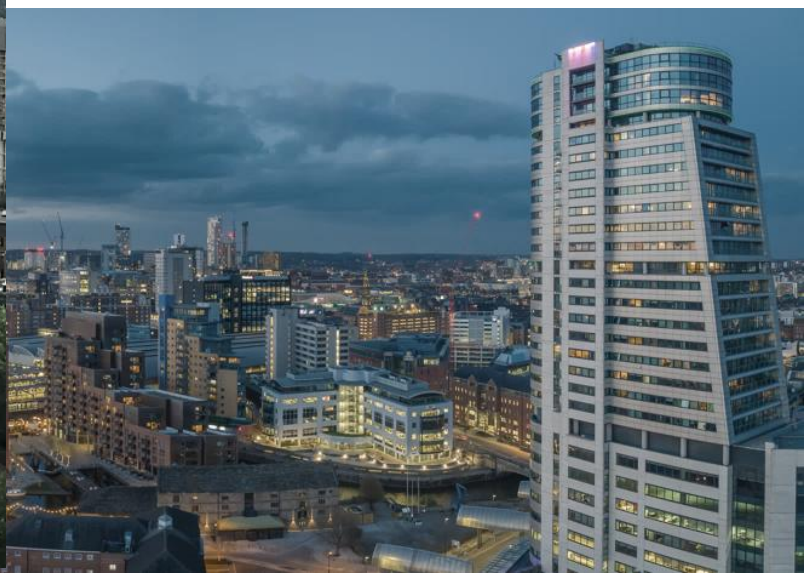
Weston Halls & Pendulum Hotel, Manchester

Summertime Internal Environment Report

CIBSE TM59 Overheating Analysis







Futureserv

Weston Halls & Pendulum Hotel, Manchester

Summer Internal Environment Report

CIBSE TM59 Overheating Analysis

Ref: W&P-FUT-G590-RP-XX-002

Futureserv Ltd.
10 Oxford Court
Bishopgate
Manchester
M2 3WQ

Tel: 0161 827 1760

enquiries@futureserv.co.uk

QA – Document History

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Prepared By	Bridget Wong			
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Approved By	Gareth Webb			
Signature	*G Webb*			

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1. Executive Summary

This report assesses the risk of overheating for the proposed Weston Halls & Pendulum Hotel development, located in Manchester. Sample floor plates were taken from floors from both phase A and B towers.

CIBSE TM59 methodology has been utilised to assess the overheating risk within a relevant selection of units. Compliance with TM59 minimum criteria has been analysed using the Manchester weather centre data. Current scenario weather files were considered with the possibility of considering future weather files at further stages. The assessment has been conducted following the criteria from the Building Regulations Part O 2021.

It is understood that certain facades are exposed to high noise levels which may limit the use of natural ventilation in these apartments. This will have an adverse effect on mitigating the risk of overheating.

In consideration for Part O/ TM59 restrictions, opening of the windows in each of these apartments have been restricted.

The Glazing G values were simulated at 0.55 for all elevations.

The free area openings stated are as required for compliance with TM59 overheating only. A separate assessment of the required free area for purge ventilation, in line with Part F of the building regulation, has been produced. The amenity and communal zones have not been assessed for overheating within this report and their G value will ultimately be dictated by the results of the Part L assessment for criterion 3, Limiting Solar Gain.

The development was assessed against the requirements of CIBSE TM59. The report outlines the basis of the proposals and the intended overheating mitigation strategy.

The simulation indicated that all assessed rooms passed the TM59 simulation.

2. Introduction

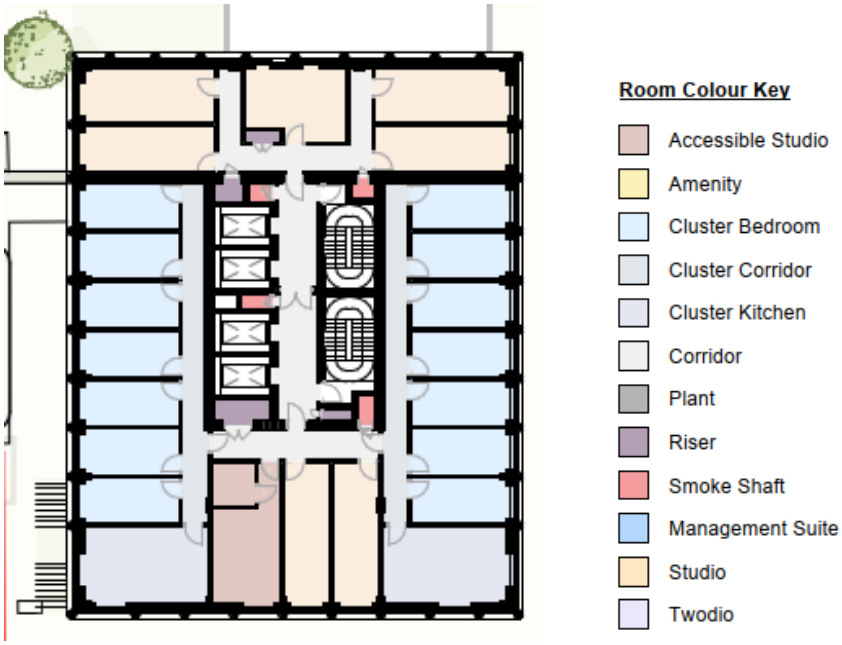
A thermal model exercise has been undertaken to predict the internal temperatures over a typical year for the proposed development known as Weston Halls & Pendulum Hotel, Manchester. The scheme comprises;

> (a) Partial removal of existing structures and erection of two buildings comprising purpose-built student accommodation (sui generis), one of 50 storeys and one of 15 storeys with a 7-storey intermediary link building, together with associated amenity space, external landscaping, highways works, and change of use of the Pendulum Hotel to purpose-built student accommodation; and
>
> (b) Removal of remaining existing structures and erection of two buildings comprising purpose-built student accommodation (sui generis), one of 32 storeys and one of 22 storeys with a 1-storey intermediary link building, together with associated amenity space, external landscaping, and highways works.

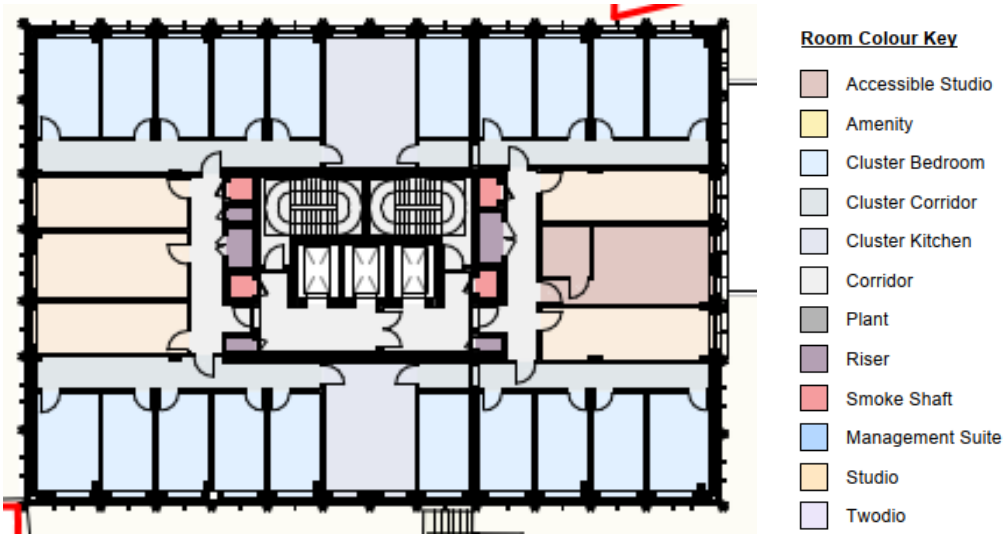
At this stage the key areas of the development were modelled to represent the various room types, window types and orientations within the building.

Assessing overheating risk in residential developments is a complex issue. Therefore, CIBSE TM59 is utilised to conduct a dynamic analysis of the residential apartments to assess overheating. This assessment aims to identify whether the proposals meet the requirements of CIBSE TM59 and Part O, including the requirements of acoustics.

3. Floor Plans



Phase A - Typical Levels 31 to 47



Phase B - Typical Level 30

4. Assessment Methodology and Criteria

Part O Building Regulations 2021

The aim of requirement O1 is to protect the health and welfare of occupants of the building by reducing the occurrence of high indoor temperatures. In the Secretary of State's view, requirement O1 is met by designing and constructing the building to achieve both of the following:

- Limiting unwanted solar gains in summer.
- Providing an adequate means of removing excess heat from the indoor environment.

The guidance and regulations are written for the purposes of protecting health and welfare.
Following this guidance does not guarantee the comfort of building occupants.

In the Secretary of State's view, compliance with requirement O1 can be demonstrated by using one of the following methods.

a. The simplified method for limiting solar gains and providing a means of removing excess heat.
b. The dynamic thermal modelling method, inline with the TM59 methodology, but incorporating additional elements from the guide O 2021.

These additional elements include a specific window opening formula as detailed in section 3.0 of this report, no blinds to be incorporated, any GF or easily accessible rooms to have daytime ventilation only via window/door openings.

This project will use the dynamic thermal modelling method of compliance.

TM59 Methodology

The TM59 methodology is a standardised approach to predicting overheating risk for residential building designs using dynamic thermal analysis. The aim is to produce a test that encourages good design that is comfortable within sensible limits, without being so stringent that it over promotes the use of mechanical cooling.

CIBSE TM59 also sets out profiles that represent reasonable usage patterns for a home suitable for evaluating overheating risk. The profiles are developed to test a design and do not cover all usage models.

The methodology is intended for use by designers in order to influence building design for the better. It could be used at planning stage to assess risk, as well as at later design stages.

This methodology will:

- Allow different designs to be compared based on reasonable assumptions.
- Support design decisions that improve comfort without cooling
- Provide consistency across the industry for overheating risk prediction.

This methodology will not:

- Guarantee that people will always be comfortable in compliant spaces, however they act.
- Take into account unusual use.

The Basis of the design comfort criteria for CIBSE TM59 is:

- CIBSE TM52: Limits of thermal comfort: avoiding overheating – Provides the principles of thermal comfort.
- CIBSE Guide A: Environmental design – Includes advice regarding sleep quality.

The methodology is prescriptive so as to be consistently applied. It uses thermal modelling tools, defined internal gains profiles and specific weather files with a clearly defined thresholds to provide a clear pass/ fail result.

It is vital that the mitigation options selected as a result of the assessment are fully incorporated into the design or the assessment will have no value.

TM 59 Criteria – Homes
CIBSE TM59 sets out two different overheating criteria for different design strategies. The two strategies are:

- Buildings that are predominantly naturally ventilated
- Buildings that are predominantly mechanically ventilate

This analysis will consider the building with the windows open. As such, the assessment will consider the building as being predominantly naturally ventilated.
For homes that are predominantly naturally ventilated, two criteria apply. These are:

1. **Living Rooms, Kitchens and Bedrooms – Hours of exceedance**
   The number of hours during which ΔT is greater than or equal to one degree (°K) during the period May to September inclusive shall not be more than 3% of occupied hours. ΔT is defined as operative temperature less the maximum acceptable temperature. ΔT is rounded to the nearest whole degree (CIBSE TM52, criteria 1).

   This has been determined as being 110.2 hours a year or less for Bedrooms and 59.6 hours or less for Living/Kitchen areas.

2. **Bedrooms Only – Sleeping Conditions**

   During the sleeping hours the operative temperature in the bedroom from 11pm to 8am shall not exceed 26°C for more than 1% of annual hours. This has been determined as being 32 hours a year.

   The TM59 criteria set out above provides a basis for assessing the risk of perceived overheating. The criteria above and results contained within this report are estimates of the temperatures that may be experienced in a typical year based on the CIBSE DSY1 (Design Summer Year), weather file for the 2020's, high emissions, 50% percentile scenarios.

Futureserv have created a banding category for risk of overheating, which helps to illustrate more clearly which rooms might be at a higher risk of overheating, despite potentially complying with the TM59 criteria. The banding values can be seen below.

COLOUR KEY	LOW RISK	MED RISK	HIGH RISK	OVERHEATING
Living Areas Criterion, A	<47 hrs hrs	47-52 hrs	53-59.7 hrs	>59.7 hrs
Bedroom Areas Criterion A	<88 hrs	88-98 hrs	99-110.2 hrs	>110.2 hrs
Bedroom Areas Criterion B	<25 hrs	25-27 hrs	28-32 hrs	>32 hrs

5. Model Settings

5.1 Software

The model was created using IES VE 2024 software. The software is confirmed to have been selected and in line with the requirements of CIBSE AM11: Building Performance Modelling (2015b) and is capable of full dynamic analysis. The 'Suncast' solar shading shading software has been used to model the sun path and solar shading effect for the proposed building. 'Macroflo' software has been used to simulate the natural ventilation openings using a selection of appropriate control profiles.

5.2 Weather file and weather file characteristics

The Manchester DSY1 2020High50 (Design Summer Year) weather file was used as directed by TM59 methodology, as it is the closest DSY weather file to the site.

5.3 Ventilation

5.3.1 Natural ventilation

All studios are assumed to have access to natural ventilation via openable windows.

Window opening is manual and has the following restrictions:

- Part O compliance: Window openings are restricted to daytime hours of 07:00 to 23:00
- Windows/purge panels are modelled closed overnight

Measurements for vent openings and free areas have been taken from the plans and elevations and are based on the openable area of the panels. Any reduction in the window free areas may affect compliance with the overheating criteria.

The Architect is responsible for ensuring that the window opening areas are sufficiently sized to achieve the building regulations Part F requirements for purge ventilation. An infiltration rate of 0.1 ach/hr has been applied to all areas as based on a targeted air permeability of 3.0m3.m2.hr@50Pa based on CIBSE guide A table 4.16.

5.3.2 Windows and Openings

Window/purge panels opening is manual, panels have been set to be open when the internal temperature exceeds 22^{0}C. The Windows will be fully open when the internal temperature exceeds 22^{0}C. Windows/purge panels are modelled closed overnight.

5.3.3 Auxiliary ventilation

The clusters/studios are ventilated with MVHR's, which supply and extract air, along with recovering heat from the extract air. The ventilation rates have been applied as per Part F 2021 in terms of trickle and standard boost rates.

In addition, the MVHR units can be boosted to assist in achieving Part F purge ventilation and Part O overheating compliance.

The MVHR requirements are as noted below. These unit will run 24/7 to meet Part F volumes when cooking and/or using the bathrooms, and will then further boost in summertime ie; bedrooms will operate at 8l/sec for Part F, then boost to 17.8l/s (for a 5 bed cluster) and 12.7l/s (for a 7 bed cluster).

1. Studio = single MVHR per studio rated at circa 45l/sec max summer boost
2. LKD = single MVHR per kitchen, just serving the kitchen rated at 45l/sec max summer boost
3. Cluster bedrooms = single MVHR serving up to 7 beds, rated at max 89l/sec (limited by duct velocity in 220x90mm plastic duct)
4. Cluster bedrooms = 10 bed cluster requires 2nr MVHR's, each serving 5 beds per unit/system.
5.

Therefore, a studio has 1 MVHR, a 5-7 bed cluster has 2 MVHR's, and a 10 bed cluster has 3 MVHR's (ie; 1 serving the kitchen, and 1 per 5 bed cluster serving either side of the kitchen).

5.4 Internal Gains TM59

The internal gains and profiles that have been used for the internal temperature analysis model have been taken from CIBSE TM59 and are listed in Appendix B.

5.5 Building Fabric Specification

The building specification used in the Initial model is as follows:

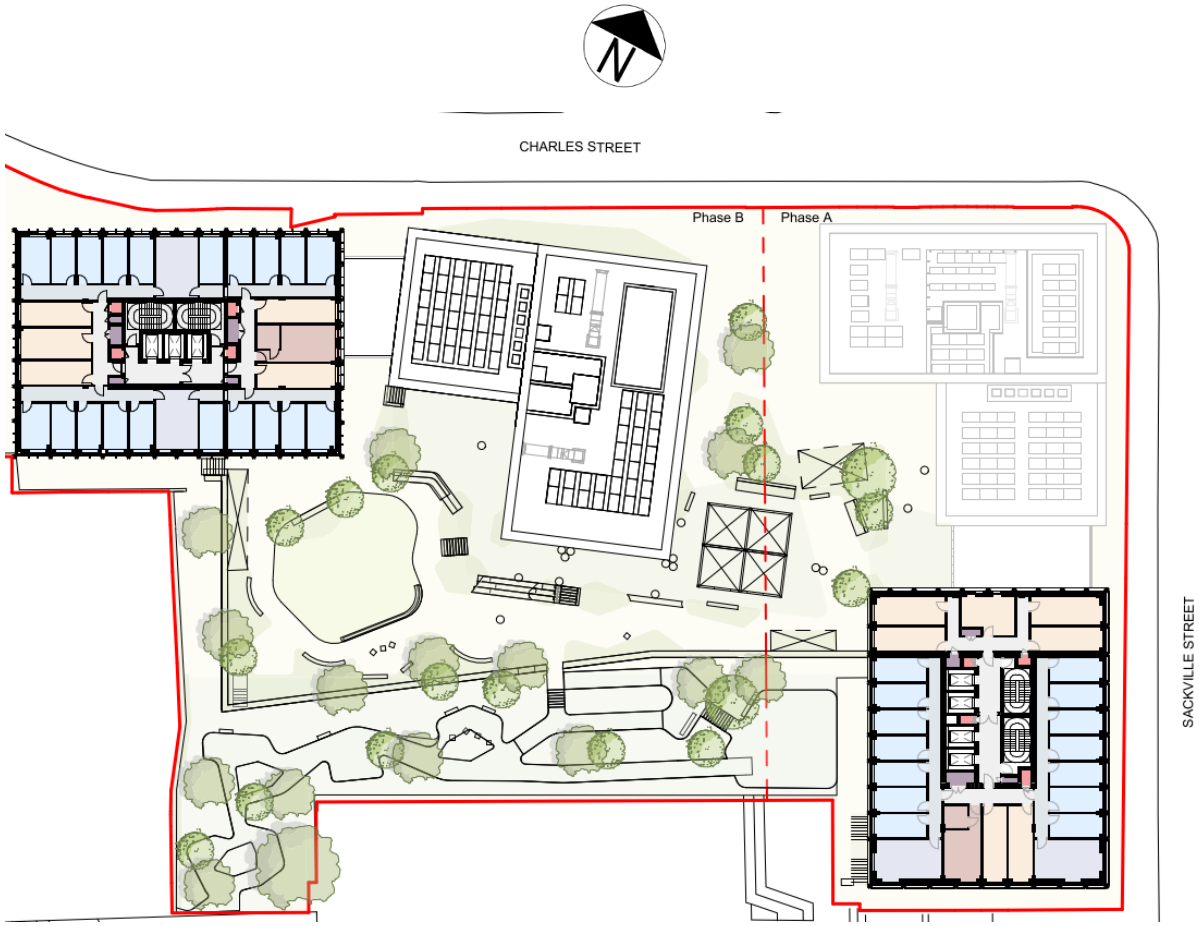
- G Value 0.55

U value calculations have been completed by others and provided to Futureserv for inclusion in this assessment. Blinds/curtains have not been included in the Part O assessment.

Thermal mass is automatically accounted for within the IESve software.

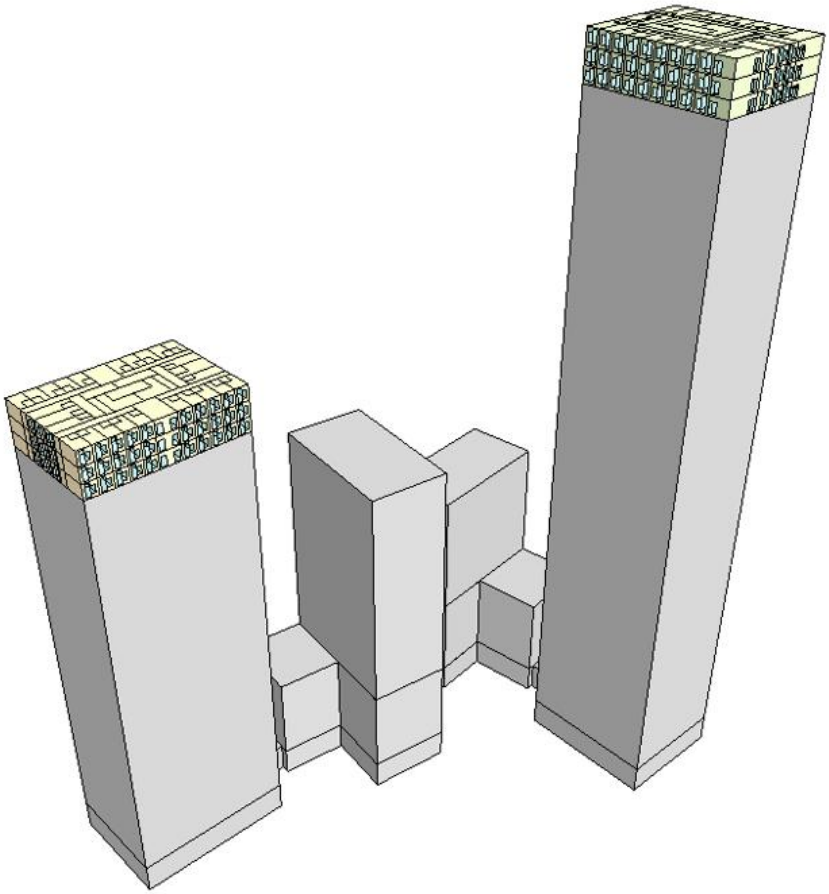
Construction Element	Part L Specification	Development Specification	Improvement over Part L Building Regulations
Floor	0.18 W/m^{2}K	0.10 W/m^{2}K	**44%**
External Wall	0.26 W/m^{2}K	0.13 W/m^{2}K	**50%**
Curtain Walling	1.6 W/m^{2}K	0.70 W/m^{2}K	**57%**
Roof	0.16 W/m^{2}K	0.10 W/m^{2}K	**37%**
Glazing	1.6 W/m^{2}K	1.00 W/m^{2}K	**37.5%**
Air Permeability	8 m^3/h/m^2	2.89 m^3/h/m^2	**64%**

5.6 Building Orientation



5.7 Model sample units

The model below indicates the sample units which have been selected from both the phase A and B PBSA towers. Sample floor plates were taken from floors 28, 29, 30 in Phase B, and floors 45, 46, 47 in Phase A. These were selected to represent the differing orientations and floor levels of the clusters/studios which ultimately receive differing levels of solar gain.



6. Results

6.1 Summary of TM59 / Part O Overheating assessment results – No blinds (Pass)

The results from the final overheating simulation showed that all of the assessed bedrooms and Kitchen/Living/Dining Areas comply with the TM59 overheating criteria.

None of the assessed living/Kitchen/bedroom areas failed criterion 1, whereby the ΔT (T_{max}-$T_{operative}$) is ≥1K for more than 3% of Occupied Summer Hours. None of the assessed bedrooms failed criterion 2, whereby the $T_{operative}$ exceeds 26^{o}C for more than 1% of the sleeping hours (11pm till 7am).

Table 6.1 Part O Assessment Results Table

COLOUR KEY	LOW RISK	MED RISK	HIGH RISK	OVERHEATING
Criteria 1	<2.4%	2.4% - 2.7%	2.7% - 3.0%	>3.0%
Criteria 2	<25 hrs	25-27 hrs	28-32 hrs	>32 hrs

Room Name	Criteria 1	Criteria 2	Compliance
PhA_45_T2_Cluster_01_Kitchen	0.7	N/A	Pass
PhA_45_T2_Cluster_02_Kitchen	0.2	N/A	Pass
PhA_46_T2_Cluster_01_Kitchen	0.7	N/A	Pass
PhA_46_T2_Cluster_02_Kitchen	0.2	N/A	Pass
PhA_47_T2_Cluster_01_Kitchen	0.7	N/A	Pass
PhA_47_T2_Cluster_02_Kitchen	0.1	N/A	Pass
PhB_28_T1_Cluster1_Kitchen	0.5	N/A	Pass
PhB_28_T1_Cluster2_Kitchen	1.1	N/A	Pass
PhB_29_T1_Cluster1_Kitchen	0.5	N/A	Pass
PhB_29_T1_Cluster2_Kitchen	1.0	N/A	Pass
PhB_30_T1_Cluster1_Kitchen	0.4	N/A	Pass
PhB_30_T1_Cluster2_Kitchen	0.9	N/A	Pass
PhA_45_T2_Acc_Studio_01	0.1	3	Pass
PhA_45_T2_Cluster_01_Bed_01	1.7	22	Pass
PhA_45_T2_Cluster_01_Bed_02	1.9	25	Pass
PhA_45_T2_Cluster_01_Bed_03	1.9	25	Pass
PhA_45_T2_Cluster_01_Bed_04	1.9	25	Pass
PhA_45_T2_Cluster_01_Bed_05	1.9	25	Pass
PhA_45_T2_Cluster_01_Bed_06	1.8	22	Pass
PhA_45_T2_Cluster_01_Bed_07	1.7	17	Pass
PhA_45_T2_Cluster_02_Bed_01	0.1	0	Pass
PhA_45_T2_Cluster_02_Bed_02	0.1	0	Pass
PhA_45_T2_Cluster_02_Bed_03	0.1	0	Pass
PhA_45_T2_Cluster_02_Bed_04	0.1	0	Pass
PhA_45_T2_Cluster_02_Bed_05	0.1	0	Pass

PhA_45_T2_Cluster_02_Bed_06	0.1	0	Pass
PhA_45_T2_Cluster_02_Bed_07	0.1	0	Pass
PhA_45_T2_Studio_01	0.5	8	Pass
PhA_45_T2_Studio_02	0.3	5	Pass
PhA_45_T2_Studio_03	0.1	0	Pass
PhA_45_T2_Studio_04	0.1	0	Pass
PhA_45_T2_Studio_05	0.1	0	Pass
PhA_45_T2_Studio_06	1.2	1	Pass
PhA_45_T2_Studio_07	1.3	12	Pass
PhA_46_T2_Acc_Studio_01	0.1	2	Pass
PhA_46_T2_Cluster_01_Bed_01	1.7	19	Pass
PhA_46_T2_Cluster_01_Bed_02	1.8	22	Pass
PhA_46_T2_Cluster_01_Bed_03	1.8	22	Pass
PhA_46_T2_Cluster_01_Bed_04	1.8	22	Pass
PhA_46_T2_Cluster_01_Bed_05	1.8	22	Pass
PhA_46_T2_Cluster_01_Bed_06	1.8	20	Pass
PhA_46_T2_Cluster_01_Bed_07	1.6	11	Pass
PhA_46_T2_Cluster_02_Bed_01	0.1	0	Pass
PhA_46_T2_Cluster_02_Bed_02	0.1	0	Pass
PhA_46_T2_Cluster_02_Bed_03	0.1	0	Pass
PhA_46_T2_Cluster_02_Bed_04	0.1	0	Pass
PhA_46_T2_Cluster_02_Bed_05	0.1	0	Pass
PhA_46_T2_Cluster_02_Bed_06	0.1	0	Pass
PhA_46_T2_Cluster_02_Bed_07	0.1	0	Pass
PhA_46_T2_Studio_01	0.4	7	Pass
PhA_46_T2_Studio_02	0.2	3	Pass
PhA_46_T2_Studio_03	0.1	0	Pass
PhA_46_T2_Studio_04	0.1	0	Pass
PhA_46_T2_Studio_05	0.1	0	Pass
PhA_46_T2_Studio_06	1.1	0	Pass
PhA_46_T2_Studio_07	1.3	10	Pass
PhA_47_T2_Acc_Studio_01	0.1	0	Pass
PhA_47_T2_Cluster_01_Bed_01	1.6	13	Pass
PhA_47_T2_Cluster_01_Bed_02	1.6	17	Pass
PhA_47_T2_Cluster_01_Bed_03	1.6	17	Pass
PhA_47_T2_Cluster_01_Bed_04	1.7	17	Pass
PhA_47_T2_Cluster_01_Bed_05	1.7	17	Pass
PhA_47_T2_Cluster_01_Bed_06	1.6	15	Pass
PhA_47_T2_Cluster_01_Bed_07	1.6	8	Pass
PhA_47_T2_Cluster_02_Bed_01	0.0	0	Pass
PhA_47_T2_Cluster_02_Bed_02	0.0	0	Pass
PhA_47_T2_Cluster_02_Bed_03	0.0	0	Pass
PhA_47_T2_Cluster_02_Bed_04	0.0	0	Pass
PhA_47_T2_Cluster_02_Bed_05	0.0	0	Pass
PhA_47_T2_Cluster_02_Bed_06	0.0	0	Pass

PhA_47_T2_Cluster_02_Bed_07	0.0	0	Pass
PhA_47_T2_Studio_01	0.3	3	Pass
PhA_47_T2_Studio_02	0.1	0	Pass
PhA_47_T2_Studio_03	0.1	0	Pass
PhA_47_T2_Studio_04	0.1	0	Pass
PhA_47_T2_Studio_05	0.0	0	Pass
PhA_47_T2_Studio_06	1.0	0	Pass
PhA_47_T2_Studio_07	1.1	7	Pass
PhB_28_T1_Acc_Studio_01	0.0	0	Pass
PhB_28_T1_Cluster1_Bed_01	0.1	0	Pass
PhB_28_T1_Cluster1_Bed_02	0.1	0	Pass
PhB_28_T1_Cluster1_Bed_03	0.1	0	Pass
PhB_28_T1_Cluster1_Bed_04	0.1	0	Pass
PhB_28_T1_Cluster1_Bed_05	0.2	0	Pass
PhB_28_T1_Cluster1_Bed_06	0.1	0	Pass
PhB_28_T1_Cluster1_Bed_07	0.1	0	Pass
PhB_28_T1_Cluster1_Bed_08	0.1	0	Pass
PhB_28_T1_Cluster1_Bed_10	0.1	0	Pass
PhB_28_T1_Cluster1_Bed_28	0.1	0	Pass
PhB_28_T1_Cluster2_Bed_01	0.8	0	Pass
PhB_28_T1_Cluster2_Bed_02	0.8	9	Pass
PhB_28_T1_Cluster2_Bed_03	0.8	12	Pass
PhB_28_T1_Cluster2_Bed_04	0.9	14	Pass
PhB_28_T1_Cluster2_Bed_05	0.9	13	Pass
PhB_28_T1_Cluster2_Bed_06	0.8	11	Pass
PhB_28_T1_Cluster2_Bed_07	0.7	10	Pass
PhB_28_T1_Cluster2_Bed_08	0.8	9	Pass
PhB_28_T1_Cluster2_Bed_10	0.7	0	Pass
PhB_28_T1_Cluster2_Bed_28	0.8	7	Pass
PhB_28_T1_Studio_01	0.9	9	Pass
PhB_28_T1_Studio_02	1.0	15	Pass
PhB_28_T1_Studio_03	1.0	13	Pass
PhB_28_T1_Studio_04	0.1	0	Pass
PhB_28_T1_Studio_05	0.0	0	Pass
PhB_29_T1_Acc_Studio_01	0.0	0	Pass
PhB_29_T1_Cluster1_Bed_01	0.1	0	Pass
PhB_29_T1_Cluster1_Bed_02	0.1	0	Pass
PhB_29_T1_Cluster1_Bed_03	0.1	0	Pass
PhB_29_T1_Cluster1_Bed_04	0.1	0	Pass
PhB_29_T1_Cluster1_Bed_05	0.1	0	Pass
PhB_29_T1_Cluster1_Bed_06	0.1	0	Pass
PhB_29_T1_Cluster1_Bed_07	0.1	0	Pass
PhB_29_T1_Cluster1_Bed_08	0.1	0	Pass
PhB_29_T1_Cluster1_Bed_10	0.1	0	Pass
PhB_29_T1_Cluster1_Bed_28	0.1	0	Pass

PhB_29_T1_Cluster2_Bed_01	0.8	0	Pass
PhB_29_T1_Cluster2_Bed_02	0.8	5	Pass
PhB_29_T1_Cluster2_Bed_03	0.8	8	Pass
PhB_29_T1_Cluster2_Bed_04	0.8	9	Pass
PhB_29_T1_Cluster2_Bed_05	0.8	9	Pass
PhB_29_T1_Cluster2_Bed_06	0.8	7	Pass
PhB_29_T1_Cluster2_Bed_07	0.7	7	Pass
PhB_29_T1_Cluster2_Bed_08	0.8	6	Pass
PhB_29_T1_Cluster2_Bed_10	0.7	0	Pass
PhB_29_T1_Cluster2_Bed_28	0.8	4	Pass
PhB_29_T1_Studio_01	0.9	7	Pass
PhB_29_T1_Studio_02	1.0	11	Pass
PhB_29_T1_Studio_03	1.0	10	Pass
PhB_29_T1_Studio_04	0.1	0	Pass
PhB_29_T1_Studio_05	0.0	0	Pass
PhB_30_T1_Acc_Studio_01	0.0	0	Pass
PhB_30_T1_Cluster1_Bed_01	0.1	0	Pass
PhB_30_T1_Cluster1_Bed_02	0.1	0	Pass
PhB_30_T1_Cluster1_Bed_03	0.1	0	Pass
PhB_30_T1_Cluster1_Bed_04	0.1	0	Pass
PhB_30_T1_Cluster1_Bed_05	0.1	0	Pass
PhB_30_T1_Cluster1_Bed_06	0.1	0	Pass
PhB_30_T1_Cluster1_Bed_07	0.0	0	Pass
PhB_30_T1_Cluster1_Bed_08	0.1	0	Pass
PhB_30_T1_Cluster1_Bed_10	0.1	0	Pass
PhB_30_T1_Cluster1_Bed_30	0.1	0	Pass
PhB_30_T1_Cluster2_Bed_01	0.6	0	Pass
PhB_30_T1_Cluster2_Bed_02	0.7	1	Pass
PhB_30_T1_Cluster2_Bed_03	0.7	4	Pass
PhB_30_T1_Cluster2_Bed_04	0.7	5	Pass
PhB_30_T1_Cluster2_Bed_05	0.7	5	Pass
PhB_30_T1_Cluster2_Bed_06	0.6	2	Pass
PhB_30_T1_Cluster2_Bed_07	0.5	2	Pass
PhB_30_T1_Cluster2_Bed_08	0.6	1	Pass
PhB_30_T1_Cluster2_Bed_10	0.5	0	Pass
PhB_30_T1_Cluster2_Bed_30	0.7	0	Pass
PhB_30_T1_Studio_01	0.8	5	Pass
PhB_30_T1_Studio_02	0.9	8	Pass
PhB_30_T1_Studio_03	0.9	7	Pass
PhB_30_T1_Studio_04	0.1	0	Pass
PhB_30_T1_Studio_05	0.0	0	Pass

7. Assumptions

Occupancy and equipment gains are specified by the TM59 guidance. For clarity, the following assumptions have been used and the proposals for purge vent openings are also detailed below:

Assumptions	Target performance
Glazing G-value (all glazing areas excluding purge vents)	Glass g-value = 0.55 for the fixed glass & 50% of that for the glazed purge panels so 0.28 g-value (due to the purge panel free area and the glass frit).
Façade layout	As per floor plan
Weather data	Manchester_DSY1_2020High50.epw
MVHR Ventilation Rates	1. Studio = single MVHR per studio rated at circa 45l/sec max summer boost 2. LKD = single MVHR per kitchen, just serving the kitchen rated at 45l/sec max summer boost 3. Cluster bedrooms = single MVHR serving up to 7 beds, rated at max 89l/sec (limited by duct velocity in 220x90mm plastic duct) 4. Cluster bedrooms = 10 bed cluster requires 2nr MVHR's, each serving 5 beds per unit/system.
Blinds	Not included for Part O assessment
Ventilation opening hours profile TM59 / Part O	Open 07:00–23:00 when temperature exceeds 22c
Ventilation opening hours profile AVO	Purge panels/windows open all day as above, then closed overnight.

Appendix 4: BREEAM Pre-assessment

Weston Halls & Pendulum Hotel

BREEAM New Construction V6.1.2 (Multi-Residential - long term stay) Pre-assessment

Turley Sustainability and ESG

Credit not Targeted

Target Excellent (≥70%)	75.27%

Credit Summary BREEAM V6.1.2: Multi-Residential (Long-term Stay) Fully Fitted			Credit Ref.	Credits Available	Target
MANAGEMENT					
Credit Value 0.52%	**Project Brief and Design**	Project Delivery Planning	**Man 01**	1	1
		Stakeholder Consultation		1	1
		BREEAM Advisory Professional (Concept Design)		1	1
		BREEAM Advisory Professional (Developed Design)		1	1
	Life Cycle Costing (LCC) and Service Life Planning	Elemental Life Cycle Cost	**Man 02**	2	2
		Component Life Cycle Cost		1	1
		Capital Cost Reporting		1	1
	Responsible Construction Practices	Legally harvested and traded timber	**Man 03**	-	Y
		Environmental Management		1	1
		Sustainability Champion		1	1
		Responsible Construction Management ***(1 credit mandatory for Excellent)***		2	2
		Monitoring of Construction Site Impacts		1	1
		Monitoring of Construction Site Impacts		1	1
	Commissioning and Handover	**Commissioning and Testing Schedule and Responsibilities *(mandatory)***	**Man 04**	1	1
		Commissioning Building Services		1	1
		Testing and Inspecting Building Fabric		1	0
		Handover *(mandatory)*		1	1
	Aftercare	Aftercare Support	**Man 05**	1	1
		Commissioning - Implementation ***(mandatory)***		1	1
		Post Occupancy Evaluation		1	1
Section Credit Total				21	20
Weighted Section Total				11%	10.48%

HEALTH & WELLBEING					
Credit Value 0.74%	**Visual Comfort**	Glare control	**Hea 01**	1	1
		Daylight factors		2	0
		View Out		1	0
		Internal and External Lighting Levels		1	1
	Indoor Air Quality	Indoor Air Quality Pre-Requisite	**Hea 02**	-	Y
		Ventilation		1	0
		VOC Emissions from Construction Products		2	1
		Post Construction Indoor Air Quality Management		1	1
	Thermal Comfort	Thermal modelling	**Hea 04**	1	1
		Adaptability for Projected Climate Change Scenario		1	1
		Thermal Zoning and Controls		1	1
	Acoustic Performance	Sound Insulation	**Hea 05**	2	0
		Indoor Ambient Noise Levels		1	1
		Room Acoustics		1	1
	Security		**Hea 06**	1	1
	Safe and Healthy Surroundings	Safe access	**Hea 07**	1	0
		Outside Space		1	1
Section Credit Total				19	11
Weighted Section Total				14%	8.11%
ENERGY					
Credit Value 0.73%	**Reduction of Energy Use and CO_2 Emissions**	**Energy Performance Ratio *(four credits mandatory for Excellent)***	**Ene 01**	9	4
		Prediction of Operational Energy Consumption		4	4
	Energy Monitoring	Sub-metering End-Use Categories ***(mandatory)***	**Ene 02**	1	1
	External Lighting		**Ene 03**	1	1
	Low Carbon Design	Passive Design Analysis (PDA)	**Ene 04**	1	1
		Free Cooling		1	0
		Low and Zero Carbon Feasibility Study		1	1

	Energy Efficient Transportation Systems	Energy Consumption	**Ene 06**	1	1
		Energy Efficient Features		1	1
	Energy Efficient Equipment		**Ene 08**	2	0
Section Credit Total				22	14
Weighted Section Total				16.0%	10.18%
TRANSPORT					
Credit Value 0.83%	**Transport Assessment and Travel Plan**		**Tra 01**	2	2
	Sustainable Transport Measures		**Tra 02**	10	10
Section Credit Total				12	12
Weighted Section Total				10%	10.00%
WATER					
Credit Value 0.78%	**Water Consumption *(1 credit mandatory for Excellent)***		**Wat 01**	5	2
	Water Monitoring *(mandatory)*		**Wat 02**	1	1
	Water Leak Detection & Prevention	Leak Detection System	**Wat 03**	1	1
		Flow Control Devices		1	1
	Water Efficient Equipment (Process)		**Wat 04**	1	1
Section Credit Total				9	6
Weighted Section Total				7%	4.67%
MATERIALS					
Credit Value 1.07%	**Environmental Impacts from Construction Products - Building Life Cycle Assessment (LCA)**		**Mat 01**	7	7
	Environmental Impacts from Construction Products - Environmental Product Declarations (EPD)		**Mat 02**	1	0
	Responsible Sourcing of Construction Products	Pre-requisite - Legal and Sustainable Timber ***(mandatory)***	**Mat 03**	-	Y
		Enabling Sustainable Procurement		1	1
		Measuring Responsible Sourcing		3	0
	Designing for Durability and Resilience		**Mat 05**	1	1
	Material Efficiency		**Mat 06**	1	0
Section Credit Total				14	9
Weighted Section Total				15%	9.64%

WASTE					
Credit Value 0.60%	**Construction Waste Management**	Pre-Demolition Audit	**Wst 01**	1	1
		Construction Resource Efficiency		3	1
		Diversion of Resources from Landfill		1	1
	Use of Recycled and Sustainably Sourced Aggregates		**Wst 02**	1	0
	Operational Waste *(mandatory)*		**Wst 03**	1	1
	Adaptation to Climate Change		**Wst 05**	1	1
	Design for Disassembly and Adaptability		**Wst 06**	2	2
Section Credit Total				10	7
Weighted Section Total				6%	4.20%
LAND USE & ECOLOGY					
Credit Value 1.00%	**Site Selection**	Previously Developed Land	**LE 01**	1	1
		Contaminated Land		1	0
	Ecological Risks and Opportunities	Survey and evaluation	**LE 02**	1	1
		Determining Ecological Outcomes		1	1
	Managing Negative Impacts on Ecology	Prerequisite - Ecological risks and Opportunities	**LE 03**	-	Y
		Planning and Measures On-site		1	1
		Managing Negative Impacts		2	2
	Ecological Change and Enhancement	Prerequisite - Managing Negative Impacts on Ecology	**LE 04**	-	Y
		Ecological Enhancement		1	1
		Change and Enhancement of Ecology		3	3
	Long Term Ecological Management and Maintenance	Prerequisite - Statutory obligations, planning and site implementation	**LE 05**	-	Y
		Management and Maintenance throughout the Project		1	1
		Landscape and Ecology Management Plan		1	1
Section Credit Total				13	12
Weighted Section Total				13%	12.00%

POLLUTION					
Credit Value 0.67%	**Impact of Refrigerants**	Prerequisite	**Pol 01**	-	
		Impact of Refrigerants		2	0
		Leak Detection		1	0
	Local Air Quality		**Pol 02**	2	2
	Surface Water Run Off	Flood Resilience	**Pol 03**	2	1
		Surface Water Run-Off - Rate		1	1
		Surface Water Run-Off - Volume		1	1
		Minimising Watercourse Pollution		1	0
	Reduction of Night Time Light Pollution		**Pol 04**	1	0
	Reduction of Noise Pollution		**Pol 05**	1	1
Section Credit Total				12	6
Weighted Section Total				8%	4.00%

INNOVATION			
Credit Value 1.00%	Man 03 Responsible Construction Practices	1	0
	Hea 06 Security	1	0
	Ene 01 Beyond Zero Net Regulated Carbon	3	0
	Ene 01 Post Occupancy Stage	2	0
	Wat 01 Water Consumption	1	0
	Mat 01 Life Cycle Impacts	3	2
	Mat 03 Responsible Sourcing of Materials	1	0
	Wst 01 Construction Waste Management	1	0
	Wst 02 Recycled Aggregates	1	0
	Wst 05 Adaptation to climate change	1	0
	LE 02 Ecological Risks and Opportunities	1	0
	LE 04 Ecological Change and Enhancement	1	0
Section Credit Total			2
Weighted Section Total			2%

SCORE	**75.27%**
RATING	**Excellent**

Turley Manchester

6 Atherton St
Manchester
M3 3GS

T 0161 233 7676

