

Artin.

Creative Lighting Design

Luminaires

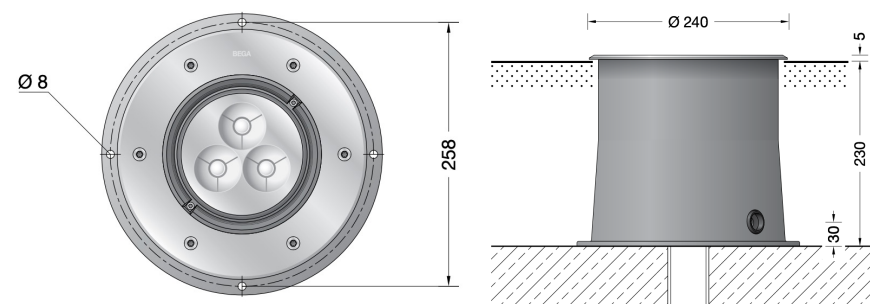
Zone A-1

A-1 - U

Description	Inground LED Uplight
Location	Inground at entranceway
Fixing Type	Installation sleeve, recessed
Finish	Brushed aluminium
Attachments / Spec	5 degree optics
Colour Temperature	2,700K
Colour Rendering Index	>80
Dimensions	240 x 230mm
Dimming Protocol	DALI
Driver	Integrated
Wattage	16.5W
Lumen Output	1665
Lumens per Watt	104
IP Rating	IP68 / IK10
Notes	Anti-slip glass
Manufacturer	Bega Matthew Sherry / 07584 149 451 / matthew@optelma.co.uk
Reference	84 255 K27



Luminaire Image



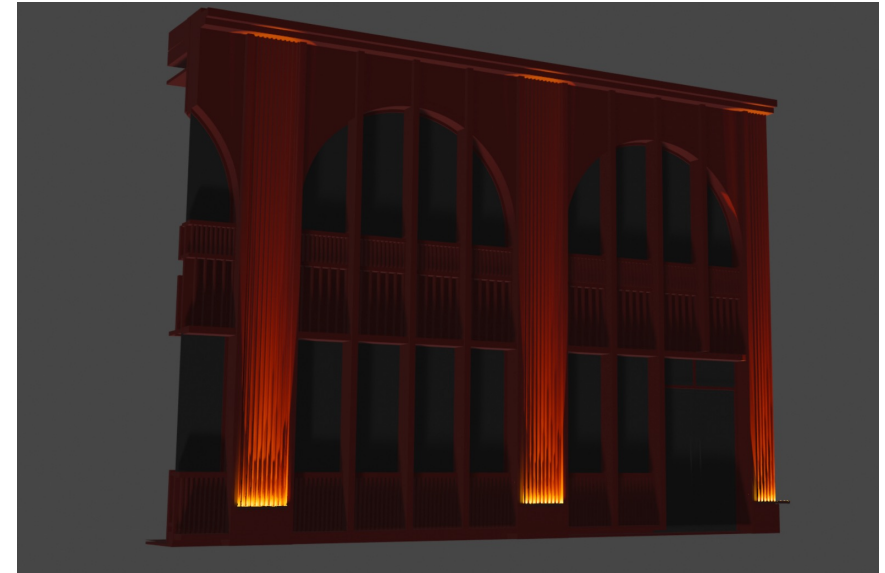
Luminaire Installation Information

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Zone A-2

A-2 - A

Description	Integrated LED Up Light
Location	Within metalwork columns
Fixing Type	Metalwork bracketry support
Finish	To match metalwork - Finish Anolok Vita HOS 546.
Attachments / Spec	10 - 18 degree optics
Colour Temperature	2,700K
Colour Rendering Index	>85
Dimensions	730mm x 42mm (60mm upstand on front edge)
Dimming Protocol	DALI
Driver	Remote
Wattage	25 – 35W /m
Lumen Output	2500 - 3500 / m
Lumens per Watt	80 - 100
IP Rating	IP67 / IK10
Notes	Continuity LSM in special mounting bracket.
Manufacturer	Tryka Colin Gawne / 07890 110951 / Colin.Gawne@tryka.com
Reference	HOS A-2 - A



Luminaire Image

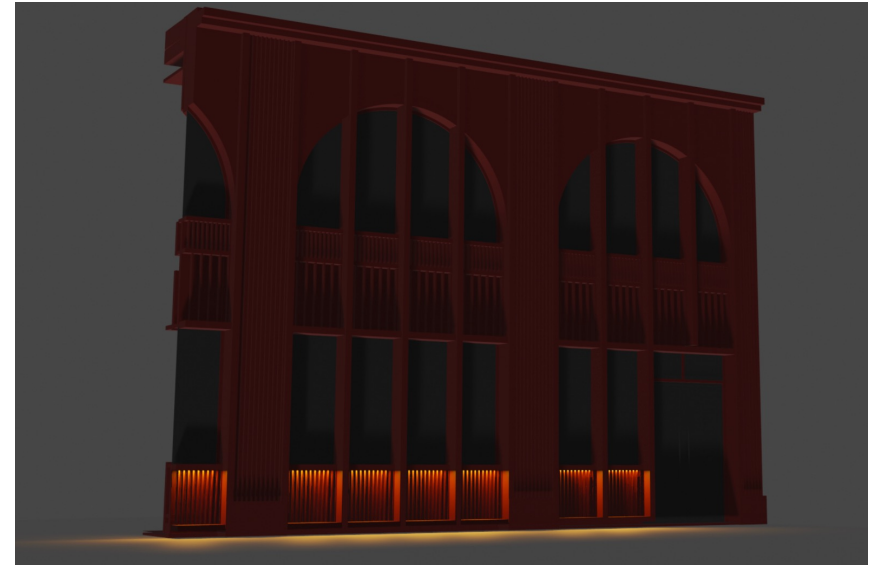
A-2-A: Uplight within curtain walling
 Luminaire to be housed within a custom frame.
 Cable to be fished through from luminaire point.
 Cable length to be 5m – diameter TBC by manufacturer.
 Luminaire within custom frame to be fixed down to the wetcast plinth.
 Manufacturer to advise on tilted top plate / acrylic to allow water run off.
 10mm upstand / mounting height.
 Custom frame to be sent to be finished by United Anodisers to match the curtain wall.
 Finish Anolok Vita HOS 546.

7No. 810mm
 4No. 700mm
 2No. 685mm

Luminaire Dimensions and Information

A-2 - C

Description	Pedestrian Lighting LED Glow
Location	Low level exterior
Fixing Type	Mounting bracket into curtain walling.
Finish	To match metalwork - Finish Anolok Vita HOS 546.
Attachments / Spec	60 degree edge glow
Colour Temperature	2,700K
Colour Rendering Index	>85
Dimensions	852mm x 20mm x 15mm
Dimming Protocol	DALI
Driver	Remote
Wattage	10 – 15W
Lumen Output	1220 – 1550 /m
Lumens per Watt	80 - 100
IP Rating	IP67 / IK09
Notes	Continuity T Flexible Linear
Manufacturer	Tryka Colin Gawne / 07890 110951 / Colin.Gawne@tryka.com
Reference	HOS A-2 - C



Luminaire Image

A-2-C: Downlight

Luminaire to be mounted recessed into Extended Capping Piece

Manufacturer to provide aluminium channel mounting channel.

Manufacturer to confirm dimensions of luminaire and mounting channel.

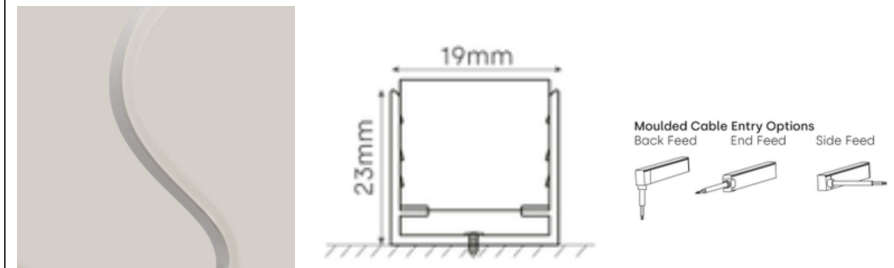
Cable to be fished through from luminaire point.

Cable length to be 5m – diameter TBC by manufacturer.

One driver to link 4No. downlight fittings

Custom frame to be sent to be finished by United Anodisers to match the curtain wall.

Finish Anolok Vita HOS 546.



Manufacturer Construction Notes

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Zone A-3

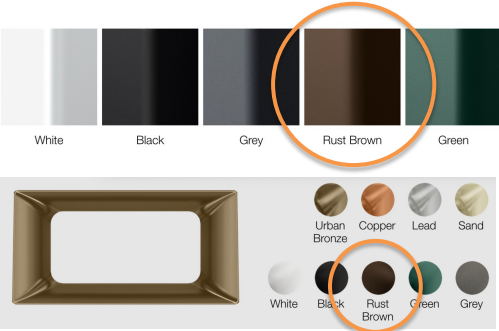
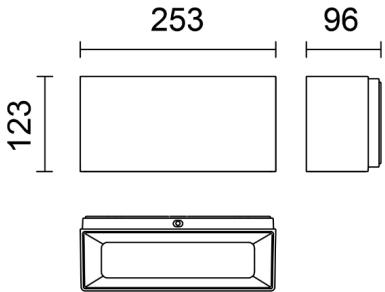
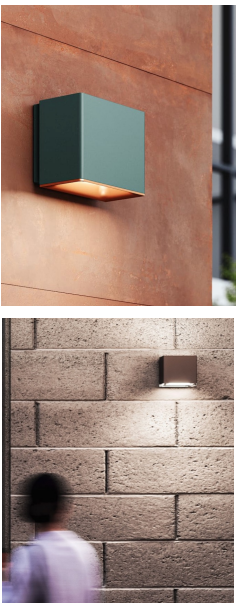
A-3 - D

Description	Wall Light
Location	Mounted to facade
Fixing Type	Surface mounted with rear cable entry
Finish	F5 Rust Brown Exterior Interior and Reflector
Attachments / Spec	Asymmetric wide
Colour Temperature	2,700K
Colour Rendering Index	>80
Dimensions	259 x 123 x 96mm
Dimming Protocol	DALI
Driver	Integrated
Wattage	10W
Lumen Output	860
Lumens per Watt	86
IP Rating	IP66 / IK07
Notes	
Manufacturer	iGuzzini Andrew Taylor / 07786 061284 / andrew.taylor@iguzzini.com
Reference	iGuzzini Allure

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Luminaire Image



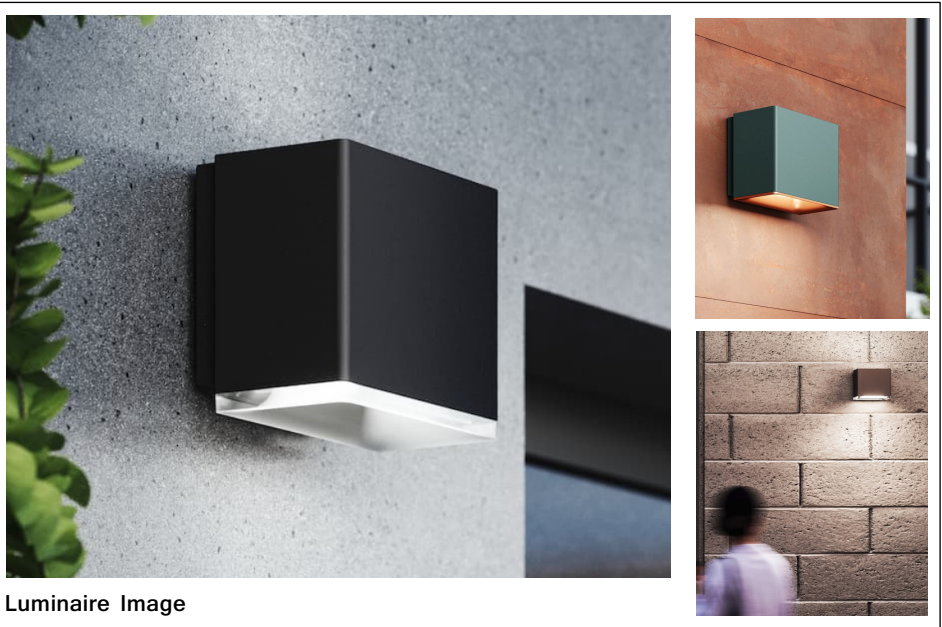
Luminaire Dimensions and Information

Zone B

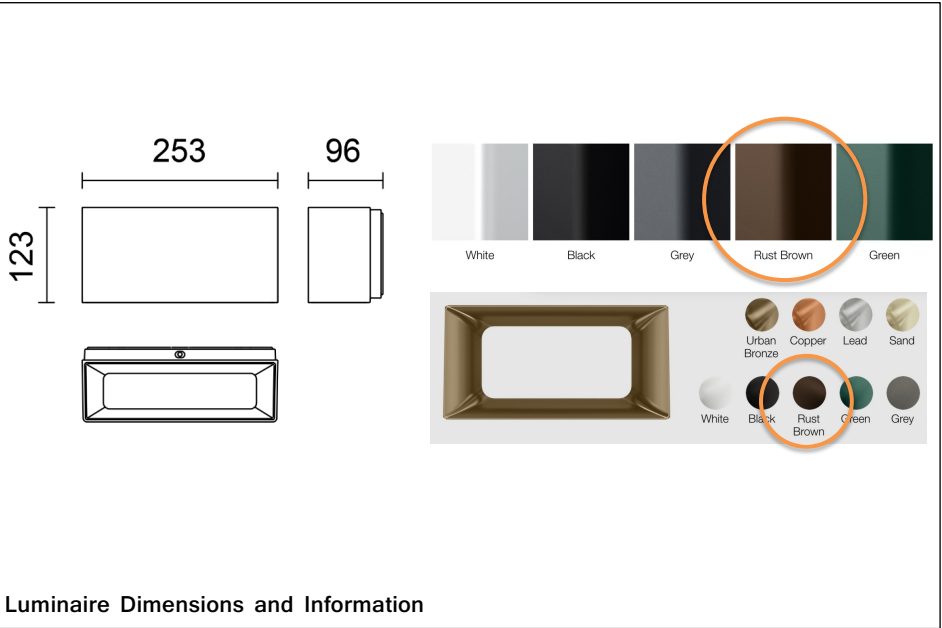
B - A

Description	Wall Light
Location	Mounted to facade
Fixing Type	Surface mounted with rear cable entry
Finish	F5 Rust Brown Exterior Interior and Reflector
Attachments / Spec	Asymmetric wide
Colour Temperature	2,700K
Colour Rendering Index	>80
Dimensions	259 x 123 x 96mm
Dimming Protocol	DALI
Driver	Integrated
Wattage	10W
Lumen Output	860
Lumens per Watt	86
IP Rating	IP66 / IK07
Notes	
Manufacturer	iGuzzini Andrew Taylor / 07786 061284 / andrew.taylor@iguzzini.com
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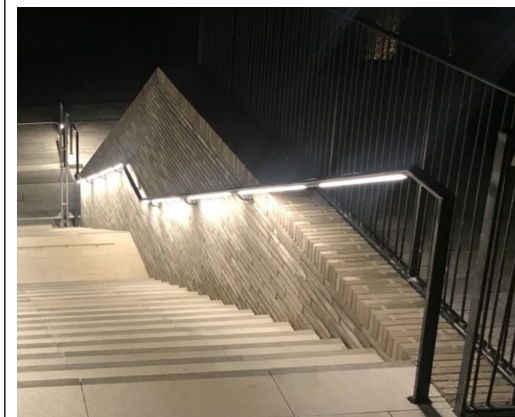
Luminaire Image



Luminaire Dimensions and Information

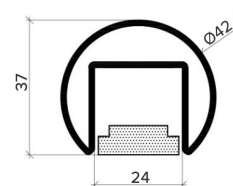
B - B

Description	Handrail Lighting
Location	Entrance staircase
Fixing Type	Within handrail
Finish	Brushed aluminium
Attachments / Spec	Assymetric
Colour Temperature	2,700K
Colour Rendering Index	>80
Dimensions	Ø42mm/48mm available
Dimming Protocol	Switched
Driver	Integrated
Wattage	7W/m
Lumen Output	400
Lumens per Watt	55
IP Rating	IP67 / IK10
Notes	
Manufacturer	The Light Lab / Chris Burridge 07803 898 899 / chris.burridge@thelightlab.com
Reference	LED Handrail

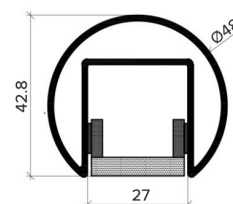


Luminaire Image

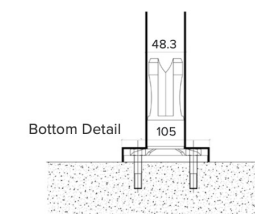
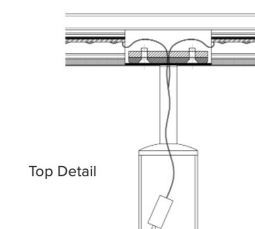
42.4mm Ø



48.3mm Ø generic



Standard Post Bracket



Luminaire Dimensions and Information

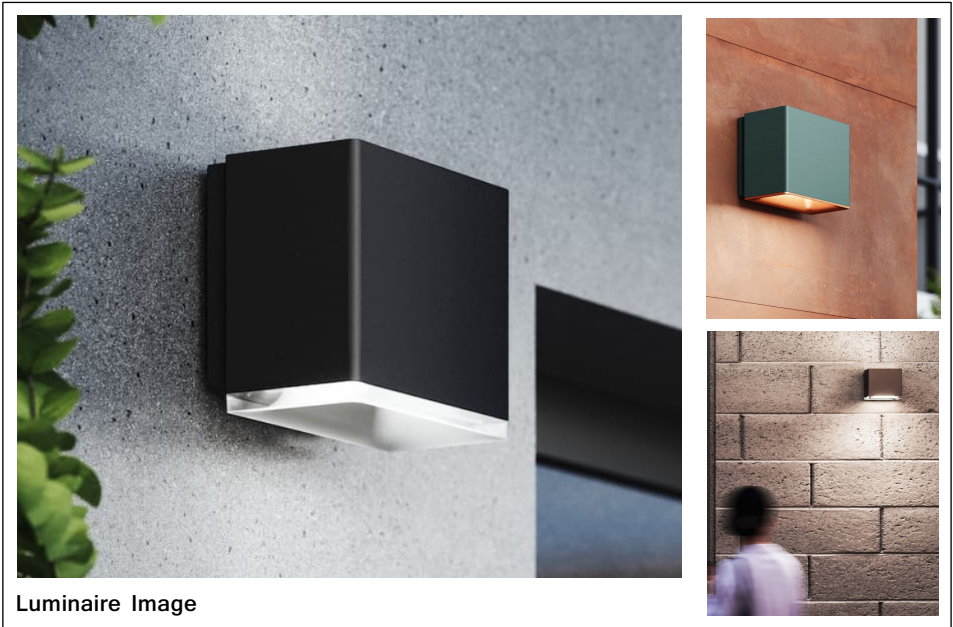
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Zone C

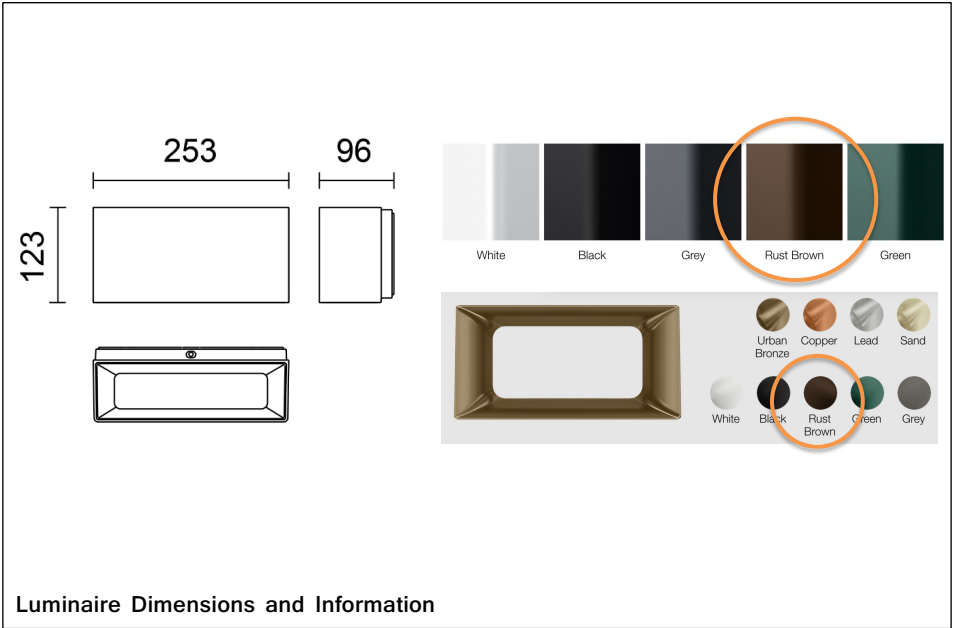
C - A

Description	Wall Light
Location	Mounted to facade
Fixing Type	Surface mounted with rear cable entry
Finish	F5 Rust Brown Exterior Interior and Reflector
Attachments / Spec	Asymmetric wide
Colour Temperature	2,700K
Colour Rendering Index	>80
Dimensions	259 x 123 x 96mm
Dimming Protocol	DALI
Driver	Integrated
Wattage	10W
Lumen Output	860
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Luminaire Image



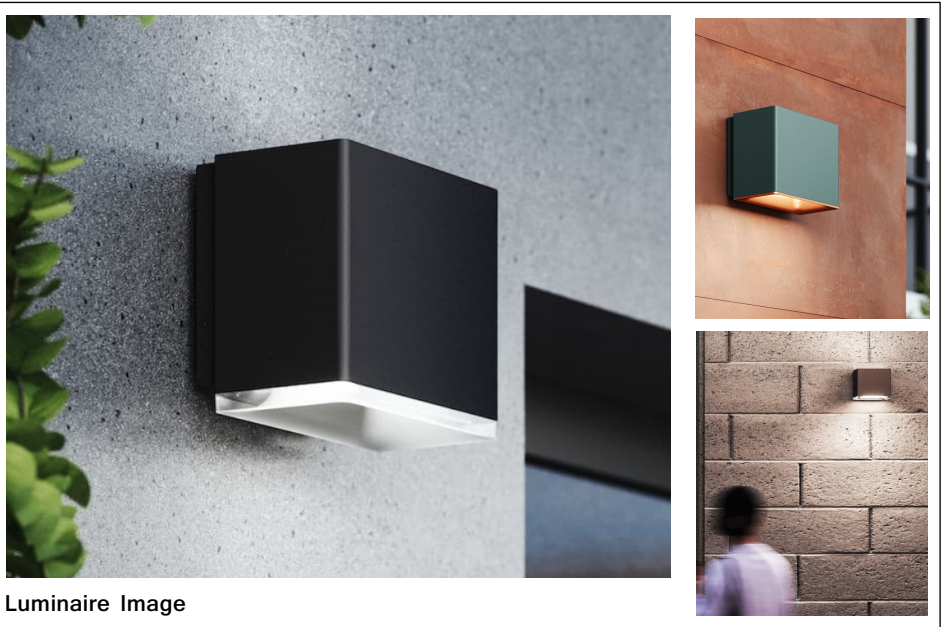
Luminaire Dimensions and Information

Zone D

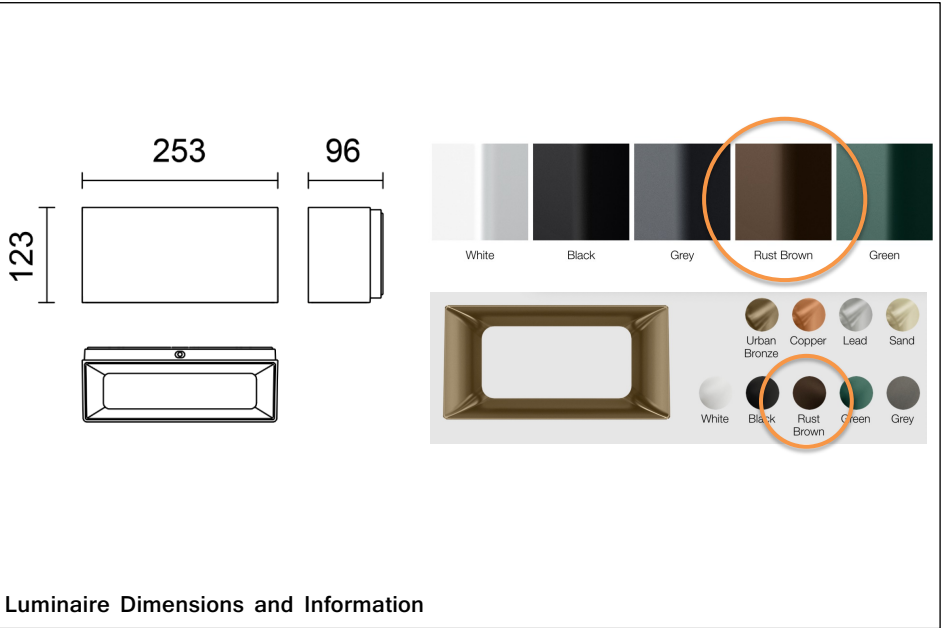
D - A

Description	Wall Light
Location	Mounted to facade
Fixing Type	Surface mounted with rear cable entry
Finish	F5 Rust Brown Exterior Interior and Reflector
Attachments / Spec	Asymmetric wide
Colour Temperature	2,700K
Colour Rendering Index	>80
Dimensions	259 x 123 x 96mm
Dimming Protocol	DALI
Driver	Integrated
Wattage	10W
Lumen Output	860
Lumens per Watt	86
IP Rating	IP66 / IK07
Notes	
Manufacturer	iGuzzini Andrew Taylor / 07786 061284 / andrew.taylor@iguzzini.com
Reference	iGuzzini Allure

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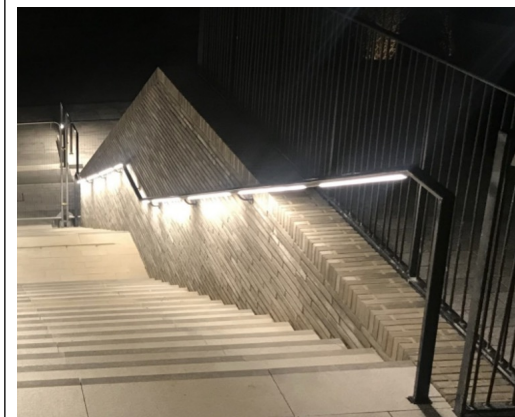
Luminaire Image



Luminaire Dimensions and Information

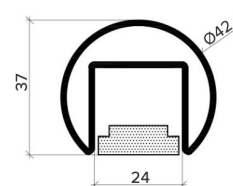
D - B

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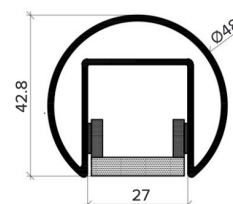


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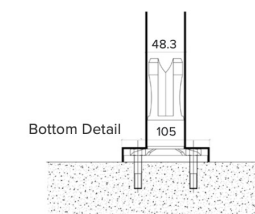
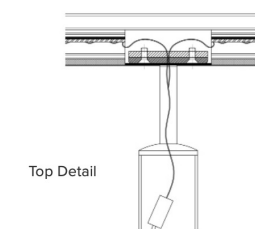
42.4mm Ø



48.3mm Ø generic



Standard Post Bracket



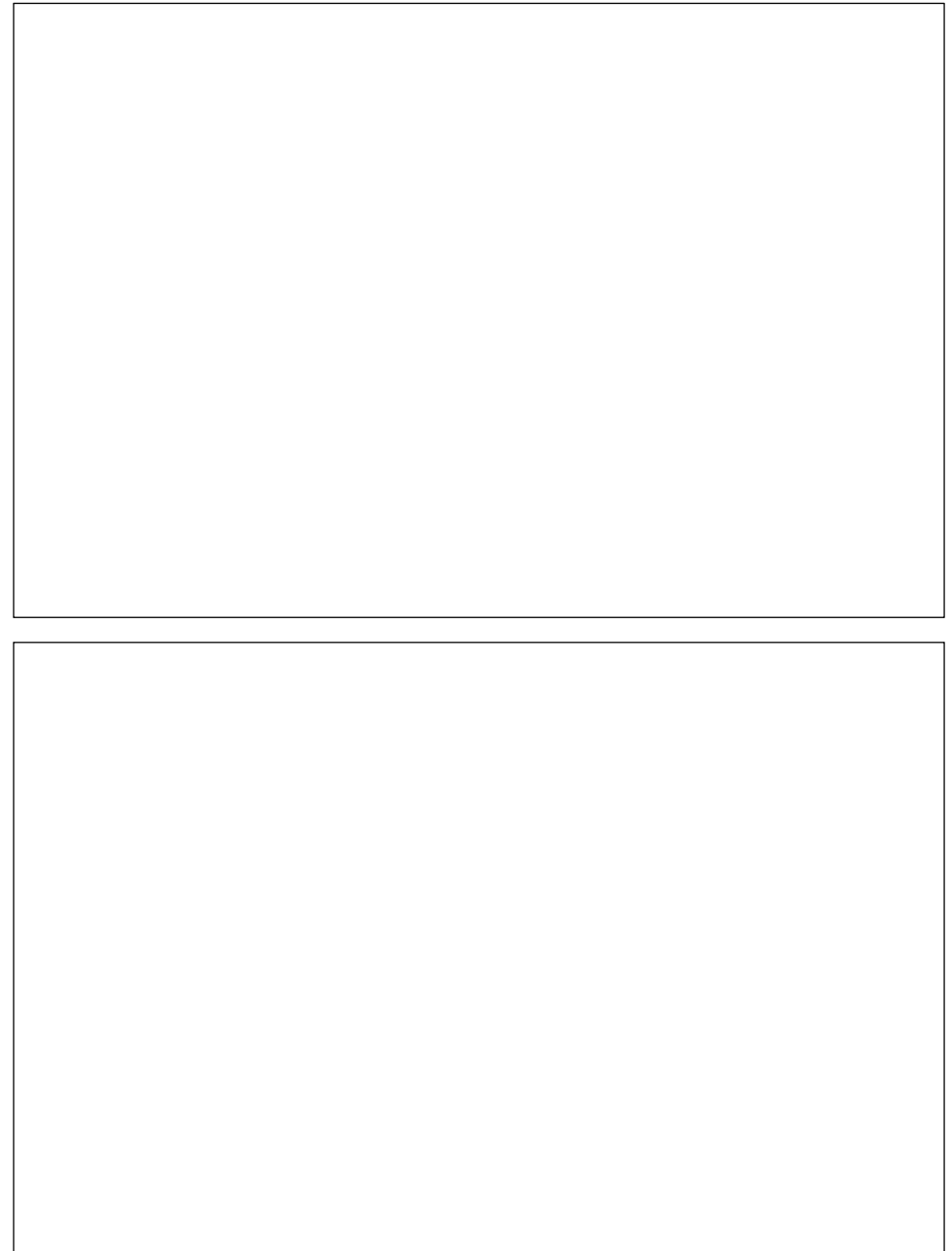
Luminaire Dimensions and Information

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Control

Control System

Description	Lighting control system for DALI and Switched control of luminaire within the exterior / public realm area of the House of Social project in Manchester, UK.
Requirements	DALI / Astronomical switched circuits for the exterior luminaires to the House of Social. Exterior control system to be extension of components allowed and specified for the interior lighting control scheme for the House of Social project.
Documents	Please see the following documents for full information and specification. 201922-HOS-EXT LIGHTING-1000-C House of Social Exterior Lighting Schedule 201922-HOS-EXT LIGHTING-1001-C House of Social Exterior Lighting Layout 201922-HOS-EXT LIGHTING-1002-B House of Social Exterior Lighting Photometric Report 201922-HOS-EXT LIGHTING-1004-B House of Social Exterior Lighting Design Report
Manufacturer	TBC
Reference	House of Social Exterior Lighting Control System



LUMINAIRE SCHEDULE NOTES

- The main contractor shall provide 1no sample of each luminaire type for the client, architect and lighting designer to review prior to final sign off and ordering of the equipment
- All samples shall be plugged to review light distribution and effect
- Where bespoke luminaires have been specified the main contractor shall issue detail design drawings for each fitting type for the client, architect and lighting designer to review prior to final sign off and ordering of the equipment
- The main contractor shall ensure all lighting equipment is compatible with the chosen control gear and provides both seamless dimming and colour change capabilities
- 'e' Adjacent to luminaire references denotes 3hr integral emergency conversion unless otherwise stated
- The Main Contractor shall ensure all luminaires have the necessary British Standard compliance with Building Regulations and Fire Safety Regulations