

University of Manchester – Computer Science & ITS Project

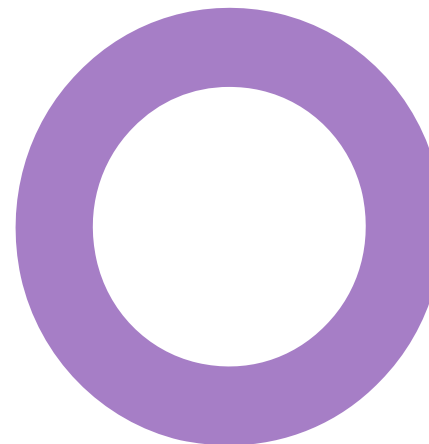
MEP ENGINEERING

LUMINAIRE SCHEDULE

0406325-HLE-EN-XX-SH-E-708001

S4 – STAGE 4I ISSUE

JULY 2025



Audit sheet.

Rev.	Date	Description of change / purpose of issue	Prepared	Reviewed	Authorised
P01	25/07/2025	Stage 4i Issue	SK	EY	EJG
T01	22/08/2025	Tender Issue	SK	CW	EJG

Project number: 040/6325
Document reference: 0406325-HLE-EN-XX-SH-E-7080001

GENERAL COMMENTS

1. For standardisation purposes, all luminaires to be provided with DALI protocol, despite dimming not being provided in some locations i.e. stores, toilets, corridors.
2. This luminaire schedule should be read in conjunction with the associated specification.
3. The luminaires designated within this schedule are those used to determine the lighting design requirements. The luminaires from any other manufacturer should be equal and approved to those detailed within the schedule and information below.
4. All luminaires to be LED and 4000K.
5. 'E' denotes integrated emergency capability.
6. Luminaire fixing method and type will be suitable to the respective ceiling types. Refer to Architects final ceiling details.
7. Lit Emergency Escape signs to be provided on escape routes.
8. Contractor to include for dimmable luminaires where controls require dimmable facility. Refer to HL Electrical Performance Specifications and Layouts for further details on lighting controls strategy.
9. All self-contained type emergency luminaires will be able to support Smartscan wireless lighting management or equivalent for automates emergency lighting testing and record.
10. All luminaires to be minimum colour rendering index of 80.

Ref.	Description	Manufacturer	Illustration	Area
A1	LED 600mm x 600mm recessed luminaire 15 W (2705 lm). C/W UGR<19 Diffuser. 'E' denotes emergency function to be included using integral 3h battery pack.	Manufacturer: Thorlux Lighting Or Equal and Approved		Office
A3	LED 600mm x 600mm recessed luminaire 15 W (2755 lm). 'E' denotes emergency function to be included using integral 3h battery pack.	Manufacturer: Thorlux Lighting Or Equal and Approved		Circulation

Ref.	Description	Manufacturer	Illustration	Area
A4	LED 600mm x 600mm recessed luminaire 29 W (4745 lm). C/W UGR<19 Diffuser. 'E' denotes emergency function to be included using integral 3h battery pack.	Manufacturer: Thorlux Lighting Or Equal and Approved		Office
C1	LED 1400mm linear suspended luminaire 24W (3120 lm). 88/12% down/up lighting C/W UGR<19 Diffuser 'E' denotes emergency function to be included using integral 3h battery pack.	Manufacturer: Thorlux Lighting Or Equal and Approved		Offices

Ref.	Description	Manufacturer	Illustration	Area
D1	LED 206mm suspended circular broad distribution downlight luminaire 11W (1700 lm). Glare Control 'E' denotes emergency function to be included using integral 3h battery pack.	Manufacturer: Thorlux Lighting Or Equal and Approved		Circulation Meeting
D2	LED 206mm surfaced circular broad distribution downlight luminaire 11W (1700 lm). Glare Control 'E' denotes emergency function to be included using integral 3h battery pack.	Manufacturer: Thorlux Lighting Or Equal and Approved		Store Refuge

Ref.	Description	Manufacturer	Illustration	Area
D3	LED 206mm suspended circular broad distribution downlight luminaire 24W (3260 lm). Glare Control 'E' denotes emergency function to be included using integral 3h battery pack.	Manufacturer: Thorlux Lighting Or Equal and Approved		Kitchen
EM1	LED 70mm diameter emergency downlight luminaire 3W (270 lm). Wide area lens	Manufacturer: Thorlux Lighting Or Equal and Approved		Open Area Office with lighting track Office Circulation

Ref.	Description	Manufacturer	Illustration	Area
F1	LED 1500mm linear suspended continuous luminaire 42W (6485 lm). 80/20% down/up lighting. Mounted on lighting track C/W UGR<19 Diffuser.	Manufacturer: Thorlux Lighting Or Equal and Approved		Open Area Offices
F2	LED 1500mm linear suspended continuous luminaire 24W (4015 lm). 80/20% down/up lighting. Mounted on lighting track C/W UGR<19 Diffuser.	Manufacturer: Thorlux Lighting Or Equal and Approved		Open Area Offices

Ref.	Description	Manufacturer	Illustration	Area
G1	LED 1600mm linear suspended luminaire 41W (7070 lm). Corrosion resistant with polycarbonate cover	Manufacturer: Thorlux Lighting Or Equal and Approved		Plant room Comms room
EX1	Suspended/Surfaced backlit exit signage C/W exit arrow.	Manufacturer: Thorlux Lighting Or Equal and Approved		Emergency Exit Signage



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