

Lighting Fixture Schedule				
Type Mark	Description	Manufacturer	Model	Count
	Directional Exit Light, Down Arrow, Single Sided			4
	Directional Exit Light, Left Arrow, Double Sided			1
	Directional Exit Light, Right Arrow, Double Sided			1
	Directional Exit Light, Right Arrow, Single Sided			1
A2	Decor LED1x3250 G228 T830 OP LO1	Northcliffe		8
A3	Decor LED1x3650 G231 T830 OP LO1	Northcliffe		9
A4	Decor LED1x4400 G229 T830 OP LO2	Northcliffe		2
B1	Lupi LED1x1500/1500 D849 T840 OP LG3	Northcliffe		8
C1	Sumatra LED1x6400 H238 T840 PCPC OP	Northcliffe		2
C1E	Sumatra LED1x6400 H238 PCPC T840 OP Emergency	Northcliffe		4
D1	Ray LED Updown light	Northcliffe		5
E1	FXSD02S-3-O-3	Footux		11
E2	FXTS02S-NM-3	Footux		3
E3	IP65 Emergency Bulkhead	Northcliffe		2
F1	Pollux Ceiling-Mounted Circular Bulkhead	Northcliffe		1
G	Antlia Surface-Mounted	Northcliffe		6
G1	Antlia Surface-Mounted Emergency Version	Northcliffe		5

General Notes:

- This drawing is to be read in conjunction with all relevant Architect's and Structural Engineer's Construction issued drawings, Fire Certificate and Fire Drawings, along with the consultants Mechanical and Electrical specifications and any other documentation.
- Do not scale from this drawings.
- This drawing is representative only. All dimensions are in millimeters (mm), unless otherwise stated. Use the figured dimensions when shown.
- The exact location of all services and fittings to be agreed on site with the Architect and/or Structural Engineer prior to their installation.
- The Mechanical and Electrical Services are to be coordinated with all other trades and to be agreed on site prior to their installation. The contractor shall allow for the setting out and installation around all obstructions. Additional costs incurred by the contractor due to the lack of coordination will not be entertained.
- Connections to all equipment to be made by the contractor.
- Any discrepancies between this drawing and on site conditions must be reported to Renaissance Engineering LTD. Immediately. Any changes from this design drawing must be agreed with the Engineer in writing. A failure to gain this approval could lead to difficulty in approving payment for the variations.
- Installation / Construction / As-Built Drawings to be prepared by the Mechanical/Electrical Contractor with reference to the latest Architect's and Structural Engineer's construction issue drawings and fire certificate drawings.
- All Electrical works to comply with the National Rules for Electrical Installations, 5th Edition IS 10101:2020.
- All Mechanical and Electrical works to comply with the current Building Regulations.

Lighting Services Notes:

- Lighting Wiring 2.5mm² PVC cable including earth, loop in method, no joints allowed. Protection 10A MCB Type B BS 3071.
- Exact position of light fittings to be agreed on site in consultation with the Architect and / or Engineer.
- External lighting wiring minimum 2.5mm² PVC cable. External lighting controlled by photocell.
- All luminaires shall be subject to approval by the Client / Design Team. The Specialist shall allow for a cost and the relevant construction programme requirements for each type of luminaire specified herein.
- All secondary containment serving the lighting shall be designed, supplied and installed by the Specialist / Contractor. The secondary containment shall be supplied and installed as per the specification and schedules.
- The exact mounting height and location of luminaires shall be agreed on site with the Engineer and Architect prior to installation.
- The electrical contractor shall include for the supply, installation, test and commissioning of the entire lighting control system, including final testing and the commissioning of same.
- Final selection of luminaires shall be agreed with the Client during construction, prior to order.
- Light switching / control devices shall generally be as per the drawings. The final position of the light switches / control devices shall be agreed with the engineer prior to installation.
- Lighting control circuits shall be protected by a 10A type B RCBO (equal to existing) and general lighting circuits (luminaires only) shall be protected by a 10A type B RCBO.
- All finishes shall be as per the Architect's finishes schedule.
- All luminaires to be supplied c/w lamps, control gear, supports and ancillaries to complete the installation to the manufacturer's recommendations.

Emergency Lighting Services Notes:

- Emergency lighting wiring 1.5mm² PVC cable in trunking and conduit controlled by proprietary emergency lighting test facility.
- The contractor / Specialist shall comply with I.S. 3217:2023+A1:2017 (or current edition).
- The contractor / Specialist shall supply, install, inspect, verify, test and commission a complete emergency lighting installation alignment with the requirements of I.S. 3217:2023+A1:2017 (or current edition).
- All emergency lighting equipment shall be supplied from a single vendor / supplier / manufacturer.
- The specialist shall provide complete certification for inclusion in the building safety file and O&M manual in alignment with the requirements of I.S. 3217:2023+A1:2017 (or current edition).
- All equipment shall be supplied as per the drawings, specifications and schedules.
- a Sample of each item of equipment shall be provided to the Architect and Engineer for inspection for sign off / approval prior to the commencement of first fix installation works.

Legend

- Antlia Surface-Mounted
- Antlia Surface-Mounted Emergency Version
- Decor LED1x3250 G228 T830 OP LO1
- Decor LED1x3650 G231 T830 OP LO1
- Decor LED1x4400 G229 T830 OP LO2
- Directional Exit Light, Down Arrow, Single Sided
- Directional Exit Light, Left Arrow, Double Sided
- Directional Exit Light, Right Arrow, Double Sided
- Directional Exit Light, Right Arrow, Single Sided
- FXSD02S-3-O-3
- FXTS02S-NM-3
- IP65 Emergency Bulkhead
- Lupi LED1x1500/1500 D849 T840 OP LG3
- Motion Detector
- One Gang One Way Light Switch
- Pollux Ceiling-Mounted Circular Bulkhead
- Ray LED Up/down light
- Sumatra LED1x6400 H238 PCPC T840 OP Emergency
- Sumatra LED1x6400 H238 T840 PCPC OP
- Three Gang One Way Light Switch
- Two Gang One Way Light Switch
- Two Gang Two Way Dimmer Light Switch

