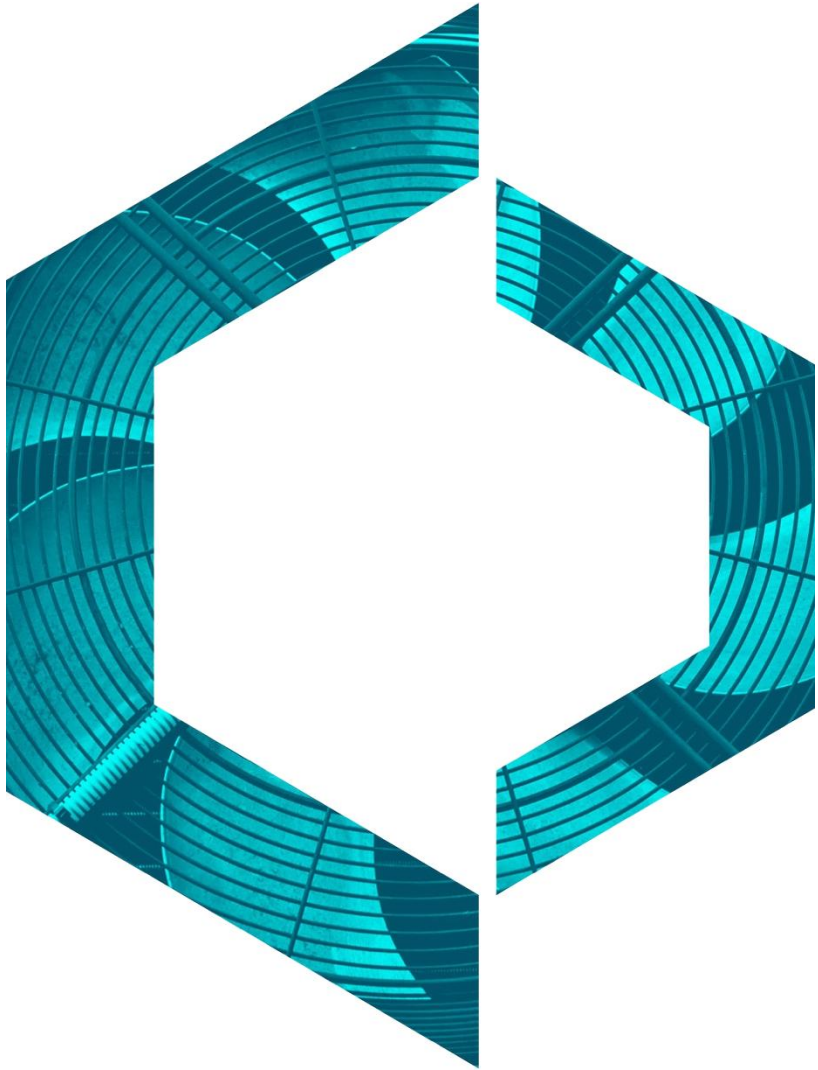




Roscommon University Hospital

Mental Health Seclusion Suite

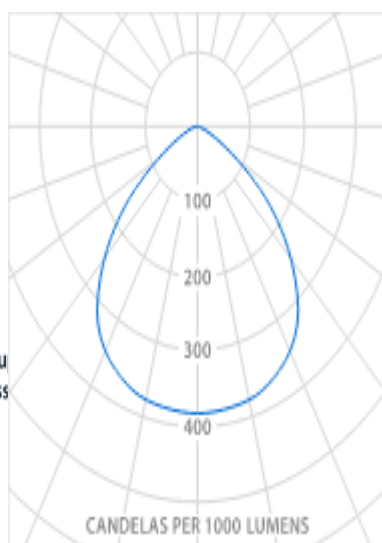
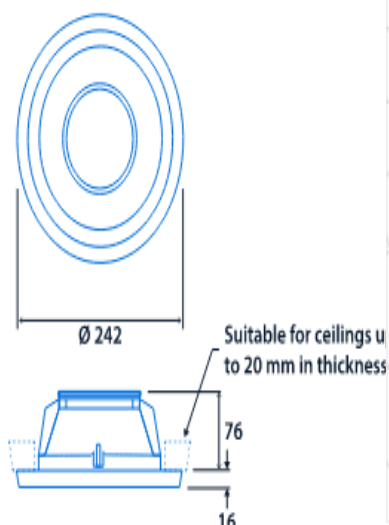
General and Emergency Luminaire Schedule

Date 14/09/2026
Revision 00
IN2 Project Ref: A2622
Document Ref: A2622-IN2-XX-XX-SH-E-0001

Client

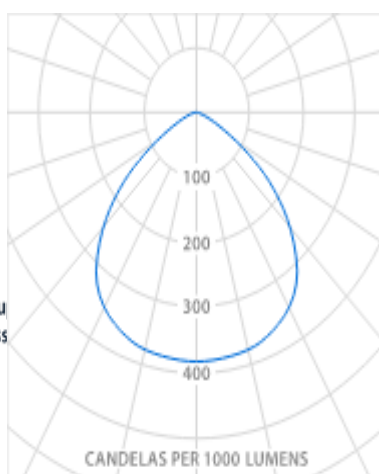
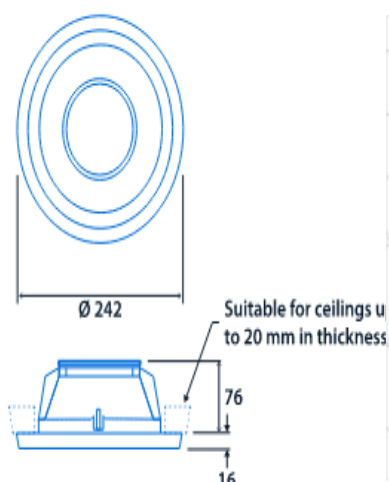


Luminaire Reference	B1	Manufacturer	Thorlux G3 AL / Equal & Equivalent
Body Description	IP65, Stell Cover Ring	Recessed/Surface or Wall Mounted	Recessed
Diffuser Type	-	Lamps	16W LED Lamp
Reflector	White	Lumen Output	1,940 Lumens
Control Gear	220-230V, 50-60Hz AC DALI 2	Colour of Lamps	3,000K
Area of Application	Nurse Station, Corridors, W.C.	Lamp Life	60,000 Hrs
Dimensions (mm)	Ø242mm x 92mm (H)	Efficacy	102.1 LL/CW
Initial Colour Variation	SDCM 3	IESNA LM 80-80 tested	Yes
Circular anti-ligature G3 AL LED downlight, 16W, 3000K, 1,940 lm, 102.1 lm/W efficacy, IP65 rated (IP20 above ceiling), 60,000hr rated life, DALI dimming, recessed mounted on ceiling.			
Lumen Depreciation	@L90, B10 Ta 25°C	Power Factor	> 0.9
Colour rendering Index	80+	LED luminaire tested	To be in accordance with IESNA LM-79-08
Manufacturing Standard	EN 60598-1:2015, EN 60598-2-2:2012, IEC/TR 62778:2014	LED drivers shall conform to	To be in accordance IEC 61347-2-13 & IEC 62384.
Warranty Length	Five-year on-site warranty to include failure of all luminaire components, inclusive of driver, electronics & LED modules. Contractor to include for all fixtures and fixings necessary for correct mounting and operation.		



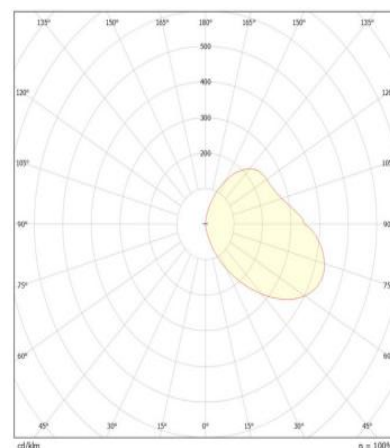
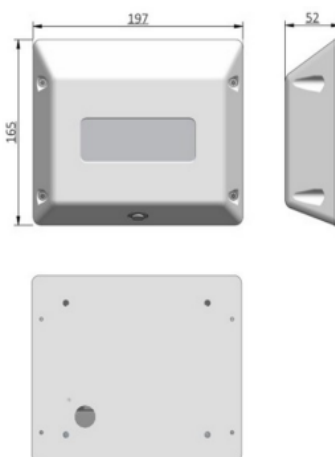
Contractor to ensure catalogue numbers are the latest and are correct prior to ordering.

Luminaire Reference	B2	Manufacturer	Thorlux G3 AL / Equal & Equivalent
Body Description	IP65, Steel Cover Ring	Recessed/Surface or Wall Mounted	Recessed
Diffuser Type	-	Lamps	8W LED Lamp
Reflector	White	Lumen Output	1,065 Lumens
Control Gear	220-230V, 50-60Hz AC DALI 2	Colour of Lamps	3,000K
Area of Application	Sitting Room, Seclusion Room, Ante Room, Bedrooms	Lamp Life	60,000 Hrs
Dimensions (mm)	Ø242mm x 92mm (H)	Efficacy	106.5 LL/CW
Initial Colour Variation	SDCM 3	IESNA LM 80-80 tested	Yes
Circular anti-ligature G3 AL LED downlight, 8W, 3000K, 1,065 lm, 106.5 lm/W efficacy, IP65 rated (IP20 above ceiling), 60,000hr rated life, DALI dimming, recessed mounted on ceiling.			
Lumen Depreciation	@L90, B10 Ta 25°C	Power Factor	> 0.9
Colour rendering Index	80+	LED luminaire tested	To be in accordance with IESNA LM-79-08
Manufacturing Standard	EN 60598-1:2015, EN 60598-2-2:2012, IEC/TR 62778:2014	LED drivers shall conform to	To be in accordance IEC 61347-2-13 & IEC 62384.
Warranty Length	Five-year on-site warranty to include failure of all luminaire components, inclusive of driver, electronics & LED modules. Contractor to include for all fixtures and fixings necessary for correct mounting and operation.		



Contractor to ensure catalogue numbers are the latest and are correct prior to ordering.

Luminaire Reference	B3	Manufacturer	Thorlux G3 AL / Equal & Equivalent
Body Description	IP66 Die Cast Aluminium Body	Recessed/Surface or Wall Mounted	Surface
Diffuser Type	Flush Opal Polycarbonate	Lamps	2.2W
Reflector	-	Lumen Output	84 LM
Control Gear	DALI-2	Colour of Lamps	3000K
Area of Application	Seclusion Suite	Lamp Life	100,000 Hours
Dimensions (mm)	197mm x 165mm x 52mm	Efficacy	-
Initial Colour Variation	-	IESNA LM 80-80 tested	Yes
LED luminaire, 2.2W, IP66 rated, 84 lumens, DALI-2, 3000K, CRI >80, 100,000hr lamp life, surface mounted, 197 x 165 x 52mm.			
Lumen Depreciation	@L90, B10 Ta 25°C	Power Factor	> 0.9
Colour rendering Index	>80	LED luminaire tested	To be in accordance with IESNA LM-79-08
Manufacturing Standard	EN 60598-1:2015, EN 60598-2-2:2012, IEC/TR 62778:2014	LED drivers shall conform to	To be in accordance IEC 61347-2-13 & IEC 62384.
Warranty Length	Five-year on-site warranty to include failure of all luminaire components, inclusive of driver, electronics & LED modules. Contractor to include for all fixtures and fixings necessary for correct mounting and operation.		



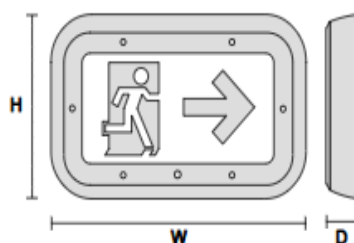
Contractor to ensure catalogue numbers are the latest and are correct prior to ordering.

Luminaire Reference	E1	Manufacturer	ASD Ligature Resistant SafeRoute / Equal & Equivalent
Body Description	IP65 rated, Anti-Ligature, Die-cast LM6 aluminium	Recessed/Surface or Wall Mounted	Wall Mounted
Diffuser Type	-	Lamps	3W
Viewing Distance	30m	Lumen Output	-
Control Gear	DALI-2	Colour of Lamps	6000K
Area of Application	All Rooms	Battery Life	3 Hrs
Dimensions (mm)	400mm (L) x 50mm (D) x 250mm (H)	IEC Photometric Code	-
Batteries	LiFEP04	IESNA LM 80-80 tested	Yes

IP65, Anti-Ligature, wall mounted. 8year Warranty.

Lumen Depreciation	-	Power Factor	-
Colour rendering Index	-	LED luminaire tested	To be in accordance with IESNA LM-79-08.
Manufacturing Standard	EN 60598-2-22	LED module tested	To be in accordance with IEC 61347-2-13 & IEC 62384.

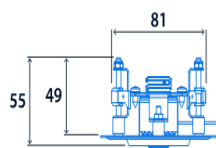
Warranty Length
8-year on-site warranty to include failure of all luminaire components, inclusive of driver, electronics & LED modules.
Contractor to include for all fixtures and fixings necessary for correct mounting and operation.



Dimension	Size
Width	400mm
Height	250mm
Depth	50mm

Contractor to ensure catalogue numbers are the latest and are correct prior to ordering.

Luminaire Reference	E6	Manufacturer	Thorlux Firefly AL / Equal & Equivalent
Body Description	IP30/IP65, flame retardant polycarbonate plastic.	Recessed/Surface or Wall Mounted	Recessed
Diffuser Type	-	Lamps	4W LED
Reflector	Polycarbonate	Lumen Output	425 Lumens
Control Gear	DALI-2	Colour of Lamps	4000K
Area of Application	All Rooms	Lamp Life	-
Dimensions (mm)	Ø100MM x 55MM (H)	IEC Photometric Code	-
Initial Colour Variation	-	IESNA LM 80-80 tested	Yes
Failure Fraction			
Battery Backup	3 hr LiFePO4	Power Factor	> 0.35
Colour rendering Index	-	LED luminaire tested	In accordance with IESNA LM-79-08
Manufacturing Standard	EN 60598-2-22, EN 55015, EN 6100-3-2, EN 61547, EN 62034	LED module tested	In accordance with IESNA LM-80-08
Warranty Length	10 year on-site warranty to include failure of all luminaire components, inclusive of driver, electronics & LED modules. Contractor to include for all fixtures and fixings necessary for correct mounting and operation.		



Power Pack

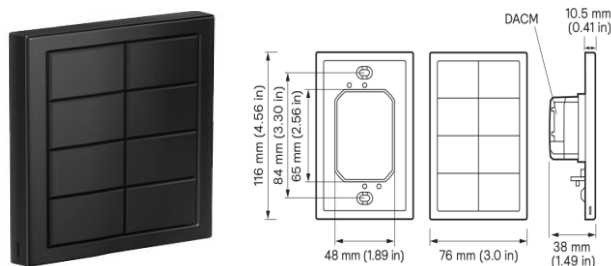
Control Module



Contractor to ensure catalogue numbers are the latest and are correct prior to ordering.

Luminaire Reference	K1	Manufacturer	Fose LED-Strip Digital/ Equal & Equivalent
Body Description	IP20, RGB LED strip light	Recessed/Surface or Wall Mounted	Surface
Diffuser Type	-	Lamps	16W
Reflector	-	Lumen Output	72LM
Control Gear	-	Colour of Lamps	3000K
Area of Application	Sitting Room	Lamp Life	50,000 Hrs
Dimensions (mm)	(L)1000 x (W)12mm	Efficacy	45.6 lm/W
Initial Colour Variation	-	IESNA LM 80-80 tested	Yes
LED strip luminaire, 16W, IP20 rated, 730 lm, RGBW, 3000K, CRI 92, 50,000hr lamp life, surface mounted, 1000 × 12mm.			
Lumen Depreciation	@L90, B10 Ta 25°C	Power Factor	0.9
Colour rendering Index	92	LED luminaire tested	In accordance with IESNA LM-79-08
Manufacturing Standard	EN 60598-1:2015, EN 60598-2-2:2012, IEC/TR 62778:2014	LED drivers shall conform to	In accordance with IESNA LM-80-08
Warranty Length	3-year on-site warranty to include failure of all luminaire components, inclusive of driver, electronics & LED modules. Contractor to include for all fixtures and fixings necessary for correct mounting and operation.		
 Contractor to ensure catalogue numbers are the latest and are correct prior to ordering. LED profile with LED board to be installed and anti-tamper face.			

Reference	Light Control Switch (LCS)	Manufacturer	Digidim Helvar / Philips Dynalite / Equal & Equivalent
Product Information	8-button modular user interface panel with backlit, software-configurable buttons for local and site-wide lighting control. Features colour backlighting, customisable button labelling, field-effect proximity detection and DyNet communication. IP40 rated, available in black or white finishes, with 12-24 VDC SELV/Class 2 supply	Recessed/ Surface or Wall Mounted	Wall mounted
DALI Supply Voltage	12- 24 V	Power Consumption	10 mA (Max)
Module Weight	41 g with DALI connector	Cable Rating	All cables must be mains rated
DALI Cable	0.3 mm ² - 2.5 mm ² solid or stranded	Degree of protection	IP40
Ambient Temperature	0°C to +40°C	Housing Material	-
Dimensions (mm)	116 x 76 x 38mm	Finish/Colour	Black or White
Storage Temperature	-25°C to 70°C		
Warranty Length	Five-year on-site warranty to include failure of all multisensor components. Contractor to include for all fixtures and fixings necessary for correct mounting and operation.		



Contractor to ensure catalogue numbers are the latest and are correct prior to ordering. Final colour and finishes to be agreed with Architect

PIR Reference	PIR	Manufacturer	B.E.G. LUXOMAT / Equal & Equivalent
Product Information	Remote control-capable ceiling occupancy detector. Special optical system for detection of even the smallest movements.	Recessed/Surface or Wall Mounted	Ceiling/Recessed mounted
Voltage	110 - 240 V AC 50 / 60 Hz	Power Input	0.5W
Detection Area	360°	Range	Carparks - Max. Ø 40m across; max. Ø 20m towards. Corridors - Max. Ø 10m across; max. Ø 5m towards.
Monitored Area	250m ² / 2.5m Mounting height	Degree of protection	IP54 / Class II
Ambient Temperature	-25°C to +50°C	Housing	Polycarbonate, UV-resistant
Dimensions (mm)	101mm (Dia) x 76mm (H)	Switching Power	2300W, CosØ = 1; 300W LED
Follow-up time	15 sec - 30 min, Pulse	Switch-on threshold	10 - 2000 Lux
Warranty Length	On-site warranty to include failure of all PIR components. Contractor to include for all fixtures and fixings necessary for correct mounting and operation.		



Contractor to ensure catalogue numbers are the latest and are correct prior to ordering.