

Axiom

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Axiom LED bulkhead utilises an IP65 rated polycarbonate base and fresnel lens housing 16 high output white LEDs and constant current maintained drive circuit.

The luminaire provides 150 Lumens and the lens generates a wide intensity distribution ideal for providing good illuminance on the escape route. The polycarbonate lens can be fitted with 100mm high, self-adhesive safety signs. A deep (150mm) opal diffuser is also available to provide double sided signage if required.

OPERATION

The **Axiom** LED bulkhead luminaires are available for normal mains lighting or with integral emergency lighting control gear (maintained or non-maintained operation is achieved by connecting or excluding a switched live supply).

The 16 white LEDs provide >150 Lumens and M3 versions also offer 3 hour emergency lighting duration from integral Nickel Cadmium (NiCd) batteries. As with all ELP maintained luminaires the AX/M3 maintained units can be used for standard switched mains lighting but will automatically provide emergency lighting in the event of a complete loss of normal mains supply.

NOTE: **Axiom** luminaires can be equipped with **SurePath BLE** Bluetooth addressable Gateway modules. *See Data Sheet.*

DALI/Self-Test Options:

The **Axiom** Maintained emergency luminaires can be specified with integral DALI/Self-Test gear providing automatic Self-Test in accordance with BSEN62034 or fully interoperable DALI operation when connected to a DALI control system. DALI control drivers can also be specified for the Mains only version.



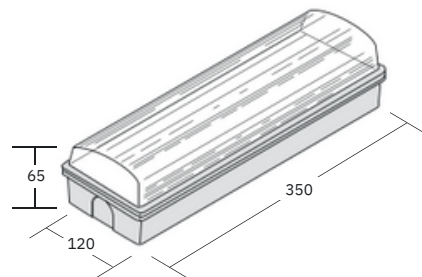
AX/M3



AX/M3/DDS/ECAD

GENERAL DETAILS

Product	LED Bulkhead and Exit Sign
Light source	16 x white LEDs (CRI70)
Luminaire Lumens	>150lm (max. without sign legend)
Sign viewing distance	32m (DDS versions), (25m Self-Adhesive kits)
Construction	White polycarbonate base and optical grade, UV stabilised lens
Geartray	Hinged white plastic
Dimensions	350mm (L) x 120mm (W) x 65mm (H)
Cable entry	20mm drilling points



IP65 Bulkhead and Exit Sign Luminaire

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SPECIFICATION

	Maintained	Mains only
Light source	16 x white LEDs (CRI >70)	
Colour temperature	4600K	
Luminaire lumens (mains)	>150lm	>150lm
Lumens (emergency)	>150lm	—
IP rating	IP65	
Ambient temperature (Ta)	0 to 25°C	
Insulation class	Class II	
Supply voltage	230V ~ 50Hz	
Supply power	3.0W	1.7W
Charge power (typical)	1.2W	—
Battery	1 x 3.6V 1.5Ah NiCd	—
Weight	1.1kg	0.9kg

AXIOM – Emergency Lighting Spacings

Mounting height Hm (m)	Trans. to wall	Trans. to trans.	Axial to trans.	Axial to axial	Axial to wall	
2.5	1.6	5.9	4.3	3.0	1.0	1 Lux min. at centre
4.0	1.1	4.7	3.6	2.6	0.4	
2.5	2.6	8.7	7.2	4.7	1.2	0.5 Lux min. (open)
4.0	1.9	8.5	7.0	4.5	0.6	

ORDER CODES

Description

AX/M3	Maintained emergency bulkhead luminaire
AX/M3D	Maintained DALI emergency bulkhead luminaire
AX/230	Main only bulkhead luminaire
AX/230D	DALI version of Mains only bulkhead luminaire

OPTIONS:	/DDS	Deep Double Sided exit sign diffuser
	/EBAX/RB/KIT	Semi-recessing bezel kit
DDS LEGENDS:	/ECAR	EC format — Arrow Right/Left (for DDS)
	/ECAD	EC format — Arrow Down (for DDS)
	/ISOAR	ISO format — Arrow Right/Left (for DDS)
	/ISOAU	ISO format — Arrow Up (for DDS)
SELF-ADHESIVE SIGN KITS:	/AX/LEG/KIT/EC	EC format Self-adhesive kit
	/AX/LEG/KIT/ISO	ISO format Self-adhesive kit

NB: Contact our Sales Office regarding optional LiFePO4 versions