IP65 Bulkhead and Exit Sign Luminaire

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.

The Axiom has been tested and BSI Kitemark Certified to EN60598.2.22 and they are also Certified by United Arab Emirates Ministry of Interior Civil Defence GHQ.

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). All emergency versions also offer 3 hour emergency lighting duration from an integral Lithium Iron Phosphate ($LiFePO_4$) battery.

As with all ELP maintained luminaires, the AX/M3/LI 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.

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.

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

DALI Self Test LiFePO4 INSTALLED CASAMBI READY

GENERAL DETAILS

Product	LED Bulkhead and Exit Sign
Light source	16 x white LEDs
Luminaire Lumens	>150lm (max. without sign legend)
Sign viewing distance	3 2m (DDS versions), (25m Self-Adhesive kits)
Construction	White polycarbonate base and optical grade, UV stabalised lens
Geartray	Hinged white plastic
Dimensions	350mm (L) x 120mm (W) x 65mm (H)
Cable entry	20mm drilling points

Light Solutions, Unit 73, Western Parkway Business Park, Ballymount Road lower, Dublin 12, D12 FF61

Telephone: 01 429 8577
e-mail: info@lightsolutions.ie

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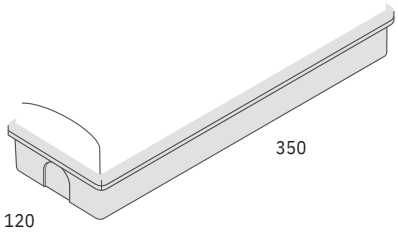
SPECIFICATION

	Maintained	Mains only
Light source	16 x white LEDs	
Colour temperature	4500K	
Luminaire lumens (mains)	>150lm	>150lm
Lumens (emergency)	>150lm	
IP rating	IP65	
Ambient temperature (Ta)	0°C 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 3.2V 1.8Ah $LiFePO_4$	
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 4.0	1.6 1.1	5.9 4.7	4.3 3.6	3.0 2.6	1.0 0.4	1 Lux min. at centre
2.5 4.0	2.6 1.9	8.7 8.5	7.2 7.0	4.7 4.5	1.2 0.6	0.5 Lux min. (open)

ORDER CODES

ORDER CODES	Description
AX/M3/LI	Maintained emergency bulkhead luminaire
AX/M3/DALI/LI	Maintained DALI emergency bulkhead luminaire
AX/230	Mains only bulkhead luminaire
AX/230D	DALI version of Mains only bulkhead luminaire
OPTIONS:	
	/BLE — Wireless DALI emergency
	/DDS — Deep Double Sided exit sign diffuser
DDS LEGENDS:	/EBAX/RB/KIT — Semi-recessing bezel kit
	/ECAD — EC format — Arrow Down (for DDS)
	/ECAL-R — EC format — Arrow Left/Right (for DDS)
	/ISOAD — ISO format — Arrow Down (for DDS)
	/ISOAU — ISO format — Arrow Up (for DDS)
	/ISOAL-R — ISO format — Arrow Left/Right (for DDS)
SELF-ADHESIVE SIGN KITS:	/LEG/KIT/EC — EC format Self-adhesive kit
	/LEG/KIT/ISO — ISO format Self-adhesive kit

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Always switched on!
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