

IP65 High Light Output LED Luminaires

Aviator-HO LED

Supplied with an IP65 rated polycarbonate base and attractive polycarbonate fresnel lens, **Aviator-HO** luminaires provide **800 lumen** output as standard, with the fresnel lens creating cost effective opportunities to minimise the number of luminaires required within an installation.

Aviator-HO luminaires can be surface mounted or semi-recessed and are ideal for exterior and industrial applications where higher illuminance levels are required.

OPERATION

The **Aviator-HO** luminaires are available with mains only or Non-Maintained emergency operation. All emergency versions provide 3 hour duration from integral high temperature Nickel Cadmium (NiCd) batteries. The luminaires fully comply to the requirements of EN60598.2.22

DALI/Self-Test Options:

The **Aviator-HO** 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.

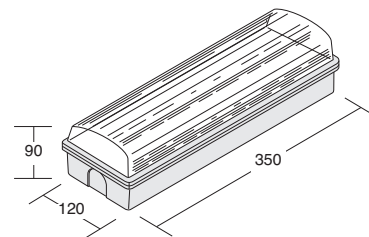


AV-HO/NM3



GENERAL DETAILS

Product	Bulkhead and Exit Sign
Light source	2 x LED strip PCBs
Luminaire Lumens	800lm (emergency)
Construction	Polycarbonate base and clear fresnel lens
Geartray	Hinged white painted steel
Dimensions	350mm (L) x 120mm (W) x 90mm (H)
Cable entry	20mm entries in back and ends



All details and specifications shown in this document are deemed correct at time of publication. The right to modify equipment, change specifications and instructions without notice, is reserved as part of Light Solutions Engineering Ltd., policy of continuous development and improvement. We endeavor to keep all our customers informed of any alterations as and when they occur.

IP65 High Light Output LED Luminaires

SPECIFICATION

	Maintained	Mains only
Light source	2 x LED strip PCBs	
Colour temperature	4500K	
Luminaire lumens (mains)	—	800lm
Luminaire lumens (emergency)	800lm	—
IP rating	IP65	
Ambient temperature (Ta)	25°C	
Insulation class	Class I	
Supply voltage	230V +/- 10% ~ 50Hz	
Supply current	25mA	40mA
Supply power (mains)	5W	8W
Charge power (typical)	4W	—
Battery	7.2V 3.0Ah NiCd	—
Weight	1.4kg	1.0kg

AVIATOR-HO – Emergency Lighting Spacings

Mounting height Hm (m)	Trans. to wall	Trans. to trans.	Axial to trans.	Axial to axial	Axial to wall	
2.5	5.0	11.4	10.1	9.5	4.1	1 Lux min. at centre
4.0	7.9	16.6	14.9	15.1	5.9	
8.0	10.6	20.1	18.6	19.9	8.8	
10.0	8.8	19.5	18.1	18.4	6.6	
12.0	7.3	15.8	14.6	14.7	5.4	
2.5	5.7	12.2	11.0	10.7	4.4	0.5 Lux min. (open)
4.0	8.0	17.0	15.8	17.5	6.5	
8.0	11.0	22.4	22.1	21.9	9.0	
10.0	9.2	23.0	22.6	22.3	7.1	
12.0	7.6	23.9	23.4	22.9	5.7	

ORDER CODES

AV-HO/NM3

Description

Non-Maintained emergency LED polycarbonate bulkhead with fresnel lens

AV-HO/230

Mains only LED polycarbonate bulkhead with fresnel lens

OPTIONS:

/DALI DALI or Self-Test emergency operation

/RB Semi-Recessing Bezel