

# Aviator-HO LED

Supplied with an IP65 rated off-white 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.

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

The luminaires fully comply to the requirements of EN60598.2.22

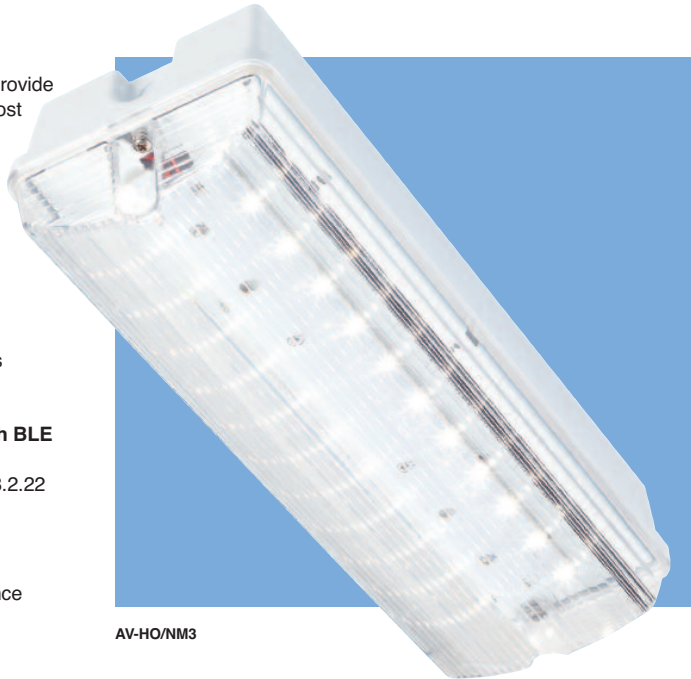
## DALI/Self-Test Options:

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.

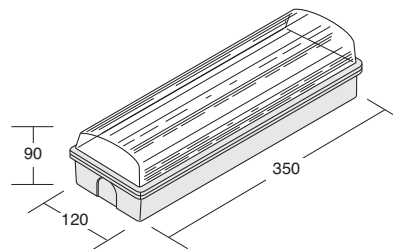


## GENERAL DETAILS

Product	IP65 rated Bulkhead
Light source	2 x LED strip PCBs (CRI >70)
Luminaire Lumens	800lm (emergency)
Construction	Off-white 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



AV-HO/NM3



AV-HO/230

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**IP65 High Light Output Luminaires**

# Aviator-HO LED

**SPECIFICATION**

	Non-Maintained	Mains only
Light source	2 x LED strip PCBs (CRI >70)	
Colour temperature	4500K	
Luminaire lumens (mains)	—	800lm
Luminaire lumens (emergency)	800lm	—
IP rating	IP65	
Ambient temperature (Ta)	25°C	
Insulation class	Class II	
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**  
**AV-HO/230**

**Description**

Non-Maintained emergency polycarbonate bulkhead with fresnel lens  
Mains only polycarbonate bulkhead with fresnel lens

**OPTIONS:**

**/DALI** DALI or Self-Test emergency operation  
**/RB** Semi-Recessing Bezel

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