



SafeSite[®] LED High Bay - ATEX / IECEx - APAC

for Indoor and Outdoor Industrial Applications

SafeSite® LED High Bay - ATEX / IECEx

Standard Models



Certifications & Ratings (All Models)

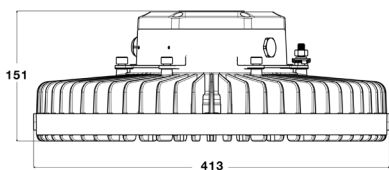
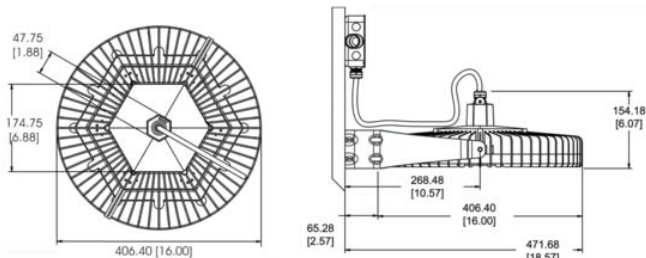
- 10 year warranty
- ATEX / IECEx Zones 1, 21
- ATEX / IECEx Zones 2, 22
- CE
- IP66
- L70 rated for >150,000 hours @ 25°C ambient
- RoHS compliant

Certifications & Ratings (IIB Models)

- Ex II 2 GB
- Ex db eb IIB T5 Gb
- Ex tb IIIC T100°C Db
- Certificate numbers: Sira 18ATEX1001X IECEx SIR 18.0001X

Certifications & Ratings (IIB + H2 Models)

- Ex II 2 GD
- Ex d e IIB+H2 T4 Gb
- Ex tb IIIC 135°C
- Certificate numbers: Baseefa 12ATEX0070X IECEx BAS 12.0044X



Dimensions in mm (inches)

WARNING - INSTALLATION & SECONDARY RETENTION. Use of any Dialight products without proper installation (including secondary retention / netting) and periodic inspections could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end-user to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is safely installed (with secondary retention / netting where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under applicable laws, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products.

Mechanical Information:

Fixture weight:

Standard Models: 14.1 kg (31 lb)
Junction Box Models: 15.5 kg (34 lb)

Mounting:

Aluminum mounting bracket (included)

Wiring options for

Junction Box models: 2 off M25 x 1.5mm cable entries

Electrical Specifications:

Operating voltage:

Standard Models: 100-277 VAC, 120-250 VDC
Hydrogen Models: 100-277 VAC

Dimming:

DALI 2.0 compatible (HWA models only)

Total system power

consumption: See table

Operating temperature:

-40°C to +60°C

Harmonics:

IEC 61000-3-2

Surge protection:

Protection devices capable of handling up to 6kV. Tested for 6kV/2 ohm combination wave, as per IEEE C62.41, line-line and line-ground

THD:

<20%

Power factor:

> 0.9

Construction:

Housing:

Copper-free aluminum

Finish:

Superior dual coat finish
- Sealed polyester topcoat
- Chemical resistant epoxy primer

Lens:

Tempered glass
(optional fragment retention film available)

Photometric Information:

CRI:

80 typical

CCT:

5000K (cool white)
4000K (neutral white)

All values typical unless otherwise stated (tolerance +/- 10%)

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Ordering Information

Part Number	Fixture Lumens	Wattage	lm/W	Voltage	Colour Temperature (CCT)	Lens	Beam Distribution
IECEx Standard Cabled Models							
HEA7MN2ANA-WNGN	10,950	80	137	100-277 VAC, 120-250 VDC	Neutral White 4000K	Clear Tempered Glass	Medium
HEA7MN2BNA-WNGN	14,000	100	140	100-277 VAC, 120-250 VDC	Neutral White 4000K	Clear Tempered Glass	Medium
HEA7MN2CNA-WNGN	18,600	130	143	100-277 VAC, 120-250 VDC	Neutral White 4000K	Clear Tempered Glass	Medium
HEA7MN2ENA-WNGN	25,900	185	140	100-277 VAC, 120-250 VDC	Neutral White 4000K	Clear Tempered Glass	Medium
IECEx Standard Junction Box Models							
HWA7MN2AAA-NNGN	10,950	80	137	100-277 VAC, 120-250 VDC	Neutral White 4000K	Clear Tempered Glass	Medium
HWA7MN2BAA-NNGN	14,000	100	140	100-277 VAC, 120-250 VDC	Neutral White 4000K	Clear Tempered Glass	Medium
HWA7MN2CAA-NNGN	18,600	130	143	100-277 VAC, 120-250 VDC	Neutral White 4000K	Clear Tempered Glass	Medium
HWA7MN2EAA-NNGN	25,900	185	140	100-277 VAC, 120-250 VDC	Neutral White 4000K	Clear Tempered Glass	Medium
IECEx Hydrogen Area Junction Box Models							
HEH9MN4KN-KCG	16,000	144	111	100-277 VAC, 120-250 VDC	Neutral White 4000K	Clear Tempered Glass	Medium
HEH9MN4PN-KCG	23,500	212	111	100-277 VAC, 120-250 VDC	Neutral White 4000K	Clear Tempered Glass	Medium
CID2 Standard Cabled Models							
HED7MN2ANN-WNGN	11,600	80	145	100-277 VAC, 120-250 VDC	Neutral White 4000K	Clear Tempered Glass	Medium
HED7MN2BNN-WNGN	14,900	100	149	100-277 VAC, 120-250 VDC	Neutral White 4000K	Clear Tempered Glass	Medium
HED7MN2CNN-WNGN	19,800	130	152	100-277 VAC, 120-250 VDC	Neutral White 4000K	Clear Tempered Glass	Medium
HED7MN2ENN-WNGN	27,500	185	149	100-277 VAC, 120-250 VDC	Neutral White 4000K	Clear Tempered Glass	Medium

All values typical unless otherwise stated (tolerance +/- 10%).

Part numbers listed in **bold** are typically available in stock.

Part numbers listed in the table above are neutral white. For cool white models, replace the 6th character with a **C**.

Part numbers listed in the table above are neutral white. For warm white models, replace the 6th character with a **W**.

Historical part number provided for reference only. For performance characteristics of historical product, please contact your local representative.

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Accessories & Beam Distribution Pattern



HBXW3-SSL-316M
 • 316 stainless steel bracket



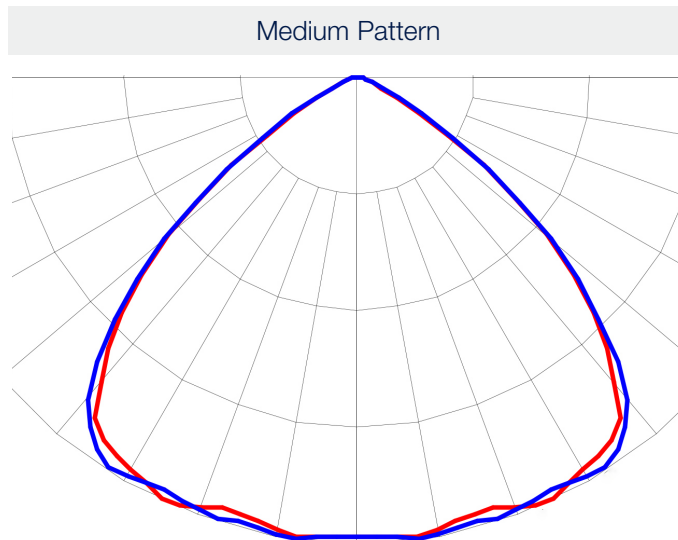
HBXW3
 • Aluminium swivel bracket
 (included with fixture)



HBXSBDK
 • Sand blast kit (dome lens)
HBXSBDL
 • Sacrificial dome lens



HBXSBK
 • Sand blast kit (flat lens)
HBXSBL
 • Sacrificial flat lens



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WARNING / DISCLAIMERS:

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