



SafeSite[®] LED High Bay - High Efficiency - ATEX / IECEx - EMEA

for Indoor and Outdoor Industrial Applications



JANUARY 2024

SafeSite® LED High Bay - High Efficiency - ATEX / IECEx

Standard Models

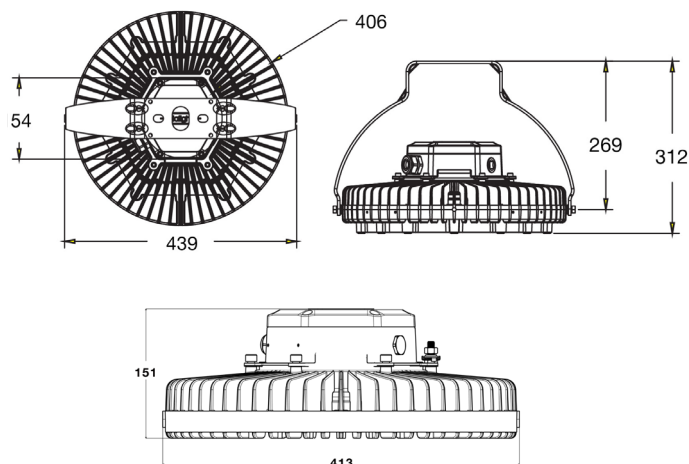
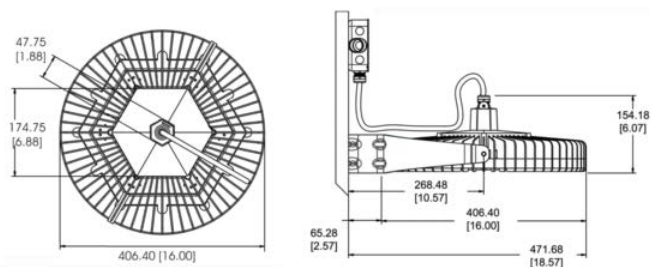


Certifications & Ratings (All Models)

- 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

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



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:	14.6 kg (31 lb) with fixed cable 15.5 kg (34 lb) with junction box
Mounting:	Aluminum mounting bracket (included)
Wiring options for Junction Box models:	Factory installed 3 meter SWB cable or factory fitted junction box with 2 off M25 x 1.5mm cable entries

Electrical Specifications:

Operating voltage:	100-277 VAC, 120-250 VDC
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

Current Part Number	Historic Part Number	Fixture Lumens	Wattage	lm/W	Voltage	Colour Temperature (CCT)	Lens	Beam Distribution
Junction Box Models with Aluminum Swivel Bracket								
HWA-7MC2-EAAN-NGN	HEA9MC4PN-KCG	25,900	185	140	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Medium
HWA-7WC2-EAAN-NGN	HEA9RC4PN-KCG	25,900	185	140	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Wide
HWA-7NC2-EAAN-NGN	HEA9NC4PN-KCG	25,900	185	140	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Narrow
HWA-7MC2-CAAN-NGN	HEA9MC4KN-KCG	18,600	130	143	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Medium
HWA-7WC2-CAAN-NGN	HEA9RC4KN-KCG	18,600	130	143	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Wide
HWA-7NC2-CAAN-NGN	HEA9NC4KN-KCG	18,600	130	143	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Narrow
HWA-7MC2-BAAN-NGN	HEA9MC4GN-KCG	14,000	100	140	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Medium
HWA-7WC2-BAAN-NGN	HEA9RC4GN-KCG	14,000	100	140	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Wide
HWA-7NC2-BAAN-NGN	HEA9NC4GN-KCG	14,000	100	140	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Narrow
HWA-7MC2-AAAN-NGN	HEA9MC4DN-KCG	10,950	80	137	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Medium
HWA-7WC2-AAAN-NGN	HEA9RC4DN-KCG	10,950	80	137	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Wide
HWA-7NC2-AAAN-NGN	HEA9NC4DN-KCG	10,950	80	137	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Narrow
Corded Models with Aluminum Swivel Bracket								
HEA-7MC2-ENAW-NGN	HEA9MC4PN-BCG	25,900	185	140	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Medium
HEA-7WC2-ENAW-NGN	HEA9RC4PN-BCG	25,900	185	140	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Wide
HEA-7NC2-ENAW-NGN	HEA9NC4PN-BCG	25,900	185	140	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Narrow
HEA-7MC2-CNAW-NGN	HEA9MC4KN-BCG	18,600	130	143	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Medium
HEA-7WC2-CNAW-NGN	HEA9RC4KN-BCG	18,600	130	143	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Wide
HEA-7NC2-CNAW-NGN	HEA9NC4KN-BCG	18,600	130	143	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Narrow
HEA-7MC2-BNAW-NGN	HEA9MC4GN-BCG	14,000	100	140	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Medium
HEA-7WC2-BNAW-NGN	HEA9RC4GN-BCG	14,000	100	140	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Wide
HEA-7NC2-BNAW-NGN	HEA9NC4GN-BCG	14,000	100	140	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Narrow
HEA-7MC2-ANAW-NGN	HEA9MC4DN-BCG	10,950	80	137	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Medium
HEA-7WC2-ANAW-NGN	HEA9RC4DN-BCG	10,950	80	137	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Wide
HEA-7NC2-ANAW-NGN	HEA9NC4DN-BCG	10,950	80	137	100-277 VAC, 120-250 VDC	Cool White 5000K	Clear Tempered Glass	Narrow

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

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

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

DISCLAIMER: All information provided is, to the best of Dialight's knowledge, accurate as of the date of publication, but is subject to change without notice and does not form part of any contract with Dialight. When ordering please refer to www.dialight.com for current versions of: (a) relevant product documentation (including the most up to date product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. All information provided is, to Dialight's knowledge, accurate at the date of publication, but is subject to change without notice and does not form part of any contract with Dialight. In the event of any discrepancy between this document and information provided on our website, the latter shall prevail.

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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



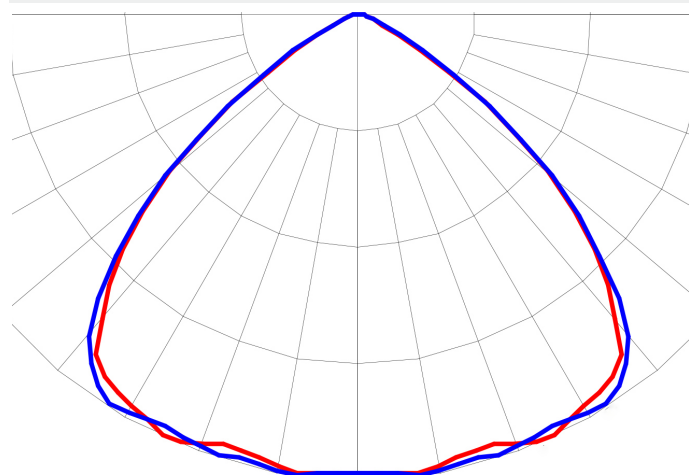
HBXSBLK

- Sand blast kit (flat lens)

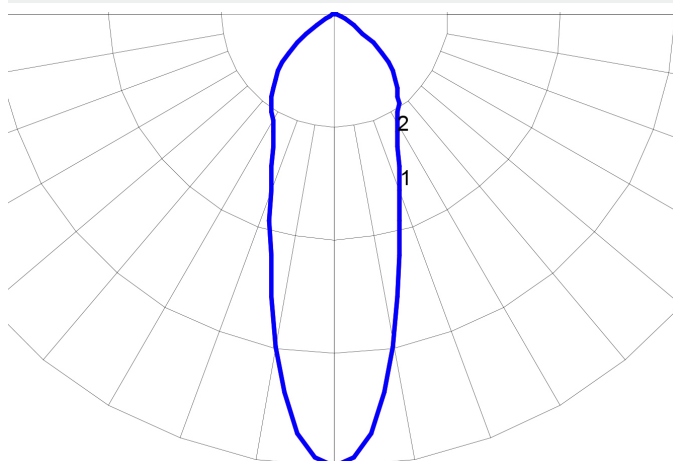
HBXSBL

- Sacrificial flat lens

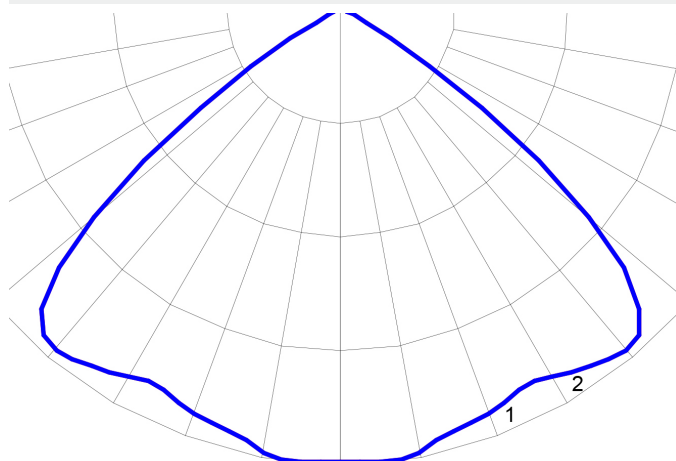
Medium Pattern



Narrow Pattern



Wide Pattern



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WARNING / DISCLAIMERS:

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