



SafeSite[®] LED Floodlight - ATEX / IECEx

for Outdoor Industrial Applications - APAC



OCTOBER 2025

SafeSite® LED Floodlight - ATEX / IECEx

Standard Models

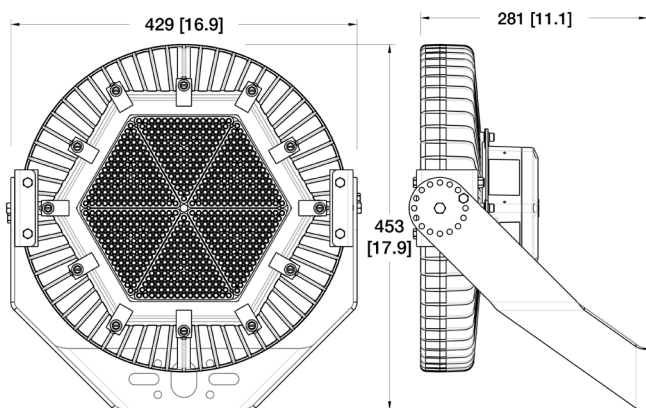


Certifications & Ratings (All Models)

- 10 year warranty
- ATEX / IECEx Zones 1, 21
- ATEX / IECEx Zones 2, 22
- CE
- IP66
- RoHS compliant
- L70 rated for >150,000 hours @ 25°C
- Certificate numbers:
Sira 18ATEX1001X
IECEx SIR 18.0001X

Certifications & Ratings (IIB Models)

- Standard Models – IECEx
Ex db eb IIB T5 Gb
Ex tb IIIC T100°C Db
- Hydrogen Models – IECEx
Ex db eb IIB+H2 T5 Gb
Ex tb IIIC T100°C Db



Dimensions in mm (inches)

Mechanical Information:

Fixture weight:	15.4 kg (34 lb)
Mounting:	316 stainless steel mounting bracket (included)
Wiring options:	Factory fitted junction terminal box with 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 (FSA 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:	4000K (neutral white) 5000K (cool white)

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

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Ordering Information

Part Number	Hydrogen Environment	Fixture Lumens	Typical Wattage	lm/W	Voltage	Colour Temperature (CCT)	Lens	Beam Distribution
Standard Models								
FSA-7MN2-EAVN-NGN		25,900	185	140	100-277 VAC, 120-250 VDC	4000K (neutral white)	Tempered Glass	Medium
FSA-76N2-EAVN-NGN		25,900	185	140	100-277 VAC, 120-250 VDC	4000K (neutral white)	Tempered Glass	Narrow
FSA-7MN2-CAVN-NGN		18,600	130	143	100-277 VAC, 120-250 VDC	4000K (neutral white)	Tempered Glass	Medium
FSA-76N2-CAVN-NGN		18,600	130	143	100-277 VAC, 120-250 VDC	4000K(neutral white)	Tempered Glass	Narrow
Hydrogen Models								
FSH-7MN2-EAVN-NGN	•	25,900	185	140	100-277 VAC, 120-250 VDC	4000K (neutral white)	Tempered Glass	Medium
FSH-76N2-EAVN-NGN	•	25,900	185	140	100-277 VAC, 120-250 VDC	4000K (neutral white)	Tempered Glass	Narrow
FSH-7MN2-CAVN-NGN	•	18,600	130	143	100-277 VAC, 120-250 VDC	4000K (neutral white)	Tempered Glass	Medium
FSH-7MN2-CAVN-NGN	•	18,600	130	143	100-277 VAC, 120-250 VDC	4000K (neutral white)	Tempered Glass	Narrow

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

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

For Cool White (5000K) color temperature, change 6th character from N to C. For example, FSA-7MN2-EAVN-NGN becomes FSA-7MC2-EAVN-NGN.

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Mounting Options & Beam Distribution Patterns



HBXSBK

- Sand blast kit (flat lens)

HBXSBL

- Sacrificial flat lens

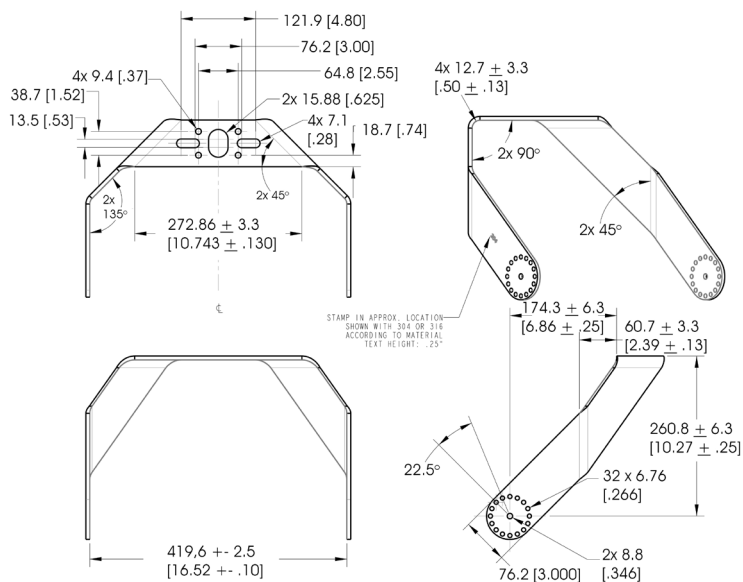


HBXSBDK

- Sand blast kit (dome lens)

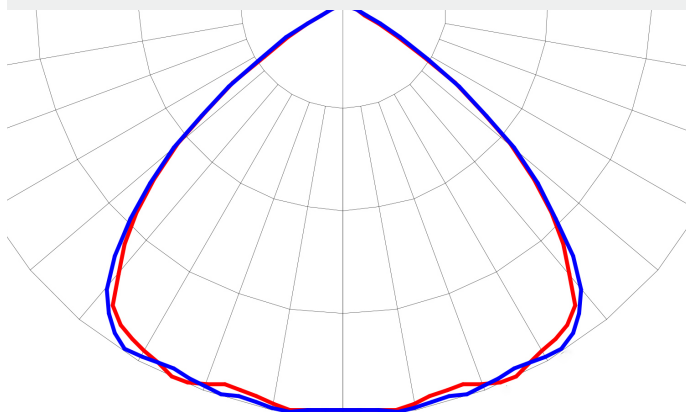
HBXSBDL

- Sacrificial dome lens

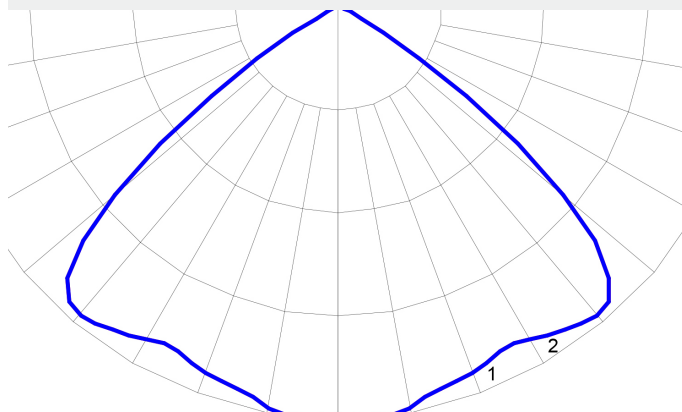


Dimensions in mm (inches)

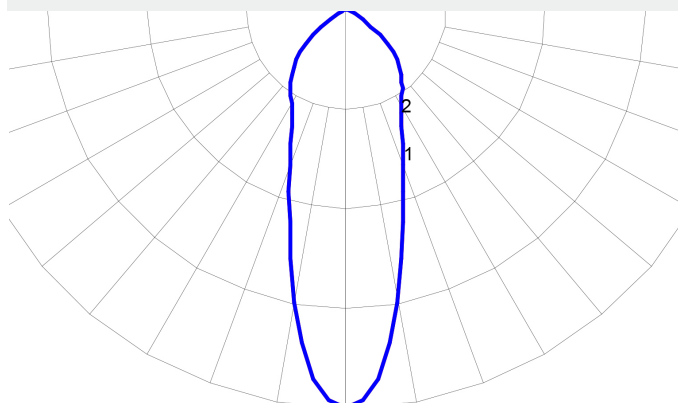
Medium Pattern



Wide Pattern



Narrow Pattern



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North American HQ

1501 Route 34 South
Farmingdale, NJ 07727
Tel: 732-919-3119
Fax: 732-751-5778

EMEA

60 Petty France, London,
SW1H 9EU
Tel: +44 (0) 203 058 3540
sales-emea@dialight.com

Middle East

MF-24 Plot 125-0, Al Sayegh
Building – Commercial,
Port Saeed, Dubai,
United Arab Emirates
Tel: +971 4 409 6962
Fax: +971 4 409 6850
sales-emea@dialight.com

Australia

108 Howe Street
Osborne Park WA 6017
Tel: +61(0)8 9244 7600
sales@dialight.com.au

Southeast Asia

56 Kallang Pudding Road
#09 – 08 HH@Kallang
Singapore 349328
Tel: +65 6578 7271
Fax: +65 6578 7150
enquiry@dialight.com.sg

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