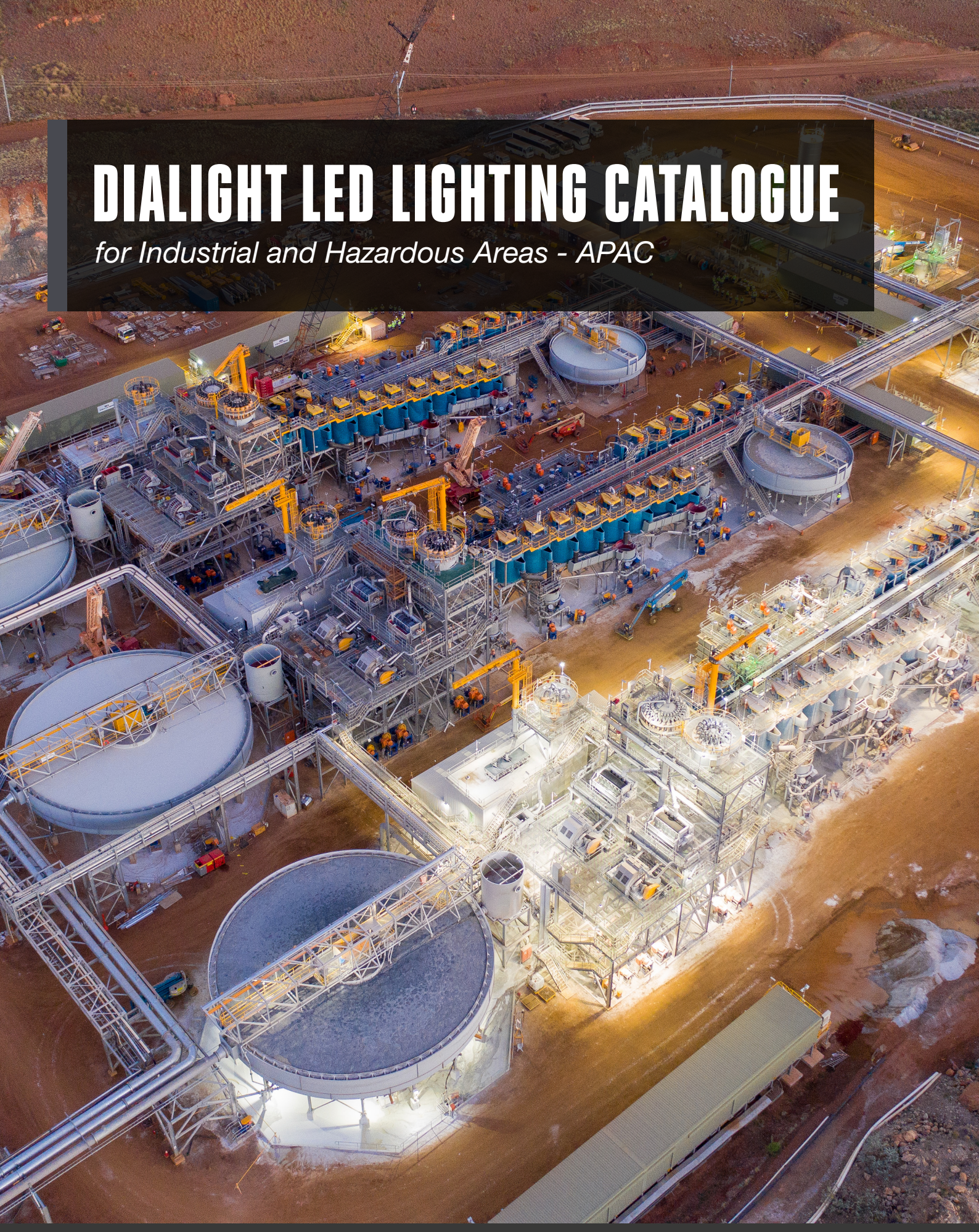
DIALIGHT LED LIGHTING CATALOGUE

for Industrial and Hazardous Areas - APAC



Dialight

NOVEMBER 2026



Cover and above photo: The crushing plant and benefication plant at Mineral Resources' Wodgina Minesite

About Dialight

With over 40 years of industrial LED lighting experience and the largest installed base in the world, Dialight's extensive network of support staff, distributor and channel partners are ready to help you select among our wide range of products to identify a lighting solution that meets your specific needs.

Vigilant®

- LED lighting for general industrial applications
- 10-year warranty

DuroSite®

- LED lighting for general industrial applications
- 5 & 10-year warranty

ProSite

- LED lighting for hazardous and industrial applications
- 10-year warranty

SafeSite®

- LED lighting for hazardous applications
- 5 & 10-year warranty



www.dialight.com

Dialight

Table of Contents

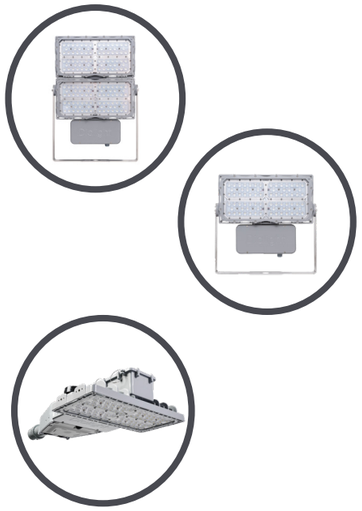
LED Lighting for Industrial Applications

Vigilant® LED High Bay - CE / RCM / UL	10-13
Vigilant® LED Low Bay - CE / RCM / UL	14-15
Vigilant® LED High Bay - Battery Backup - CE / RCM	16-17
Vigilant® LED Low Bay - Battery Backup - CE / RCM / UL	15
Vigilant® LED High Output High Bay - Low Profile - CE / RCM	18-19
ProSite LED Floodlight - F1 - CE / RCM	20-21
ProSite LED Floodlight - F1 - Battery Backup - CE / RCM	22-23
ProSite LED Floodlight - F2 - CE / RCM	24-27
ProSite LED Streetlight - CE / RCM	28-29
DuroSite® High Output Floodlight - CE / RCM	30-33
Vigilant® LED Bulkhead - CE / RCM	34-37
Vigilant® LED Bulkhead / Conveyor Light - CE / RCM	38-41
DuroSite® LED Linear - CE / RCM	42-43
Vigilant® LED Area Light - CE / RCM	44-45
Vigilant® LED Area Light - UL	46-49

LED Lighting for Hazardous Applications

SafeSite® LED High Bay - High Efficiency - IECEx / ATEX	50-51
ProSite LED Floodlight - F1 Zone 2 - IECEx / ATEX	52-53
ProSite LED Floodlight - F2 Zone 2 - IECEx / ATEX	54-55
ProSite LED Streelight - IECEx / ATEX	56-57
SafeSite® LED Floodlight - Zone 1 - IECEx / ATEX	58-59
SafeSite® LED Bulkhead - IECEx / ATEX	60-61
SafeSite® LED Bulkhead / Conveyor Light - IECEx / ATEX	62-65
SafeSite® LED GRP Linear - IECEx / ATEX	66-69
SafeSite® LED Linear - UL844	70-71
SafeSite® LED Area Light - IECEx / ATEX	72-73
SafeSite® LED Area Light - UL844	74-75

ProSite LED Lighting Fixtures
for Industrial & Hazardous Applications



LED Floodlight

Wattage Range:	78-498
Lumen Output Range:	12,000-60,000
Lumens per Watt:	Up to 161
Input Voltage:	120-277 VAC / 120-250 VDC, 277-480 VAC
Mounting:	Structure, Pole
Mounting Height:	Up to 30m

LED Streetlight

Wattage Range:	78-234W
Lumen Output Range:	12,100-28,800
Lumens per Watt:	Up to 155
Input Voltage:	120-277 VAC / 120-250 VDC 277-480 VAC

Vigilant® LED Lighting Fixtures
for Industrial Applications



LED High Bay

Wattage Range:	65-230W
Lumen Output Range:	11,000-37,400
Lumens per Watt:	126 - 180
Input Voltage:	100-277 VAC, 120-250 VDC
Mounting:	Overhead, Ceiling, Suspended
Mounting Height:	Up to 15m



LED Low Bay

Wattage:	43-155W
Lumen Output:	6,100-16,700
Lumens per Watt:	142-150
Input Voltage:	100-277 VAC, 120-250 VDC
Mounting:	Overhead, Ceiling, Suspended
Mounting Height:	Up to 7m

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

Vigilant® LED Lighting Fixtures
for Industrial Applications



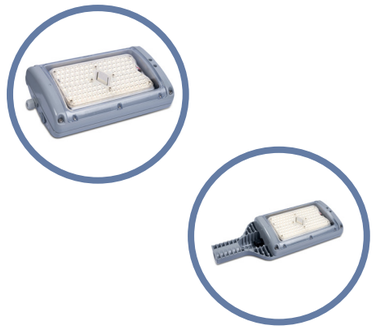
LED High Output High Bay - Low Profile

Wattage Range:	300-506W
Lumen Output Range:	Up to 72,000
Lumens per Watt:	Up to 155
Input Voltage:	120-277 VAC, 277-480 VAC
Mounting:	Suspended
Mounting Height:	Up to 30m



LED Area Light

Wattage Range:	24-66W
Lumen Output Range:	3,000-9,000
Lumens per Watt:	Up to 143
Input Voltage:	100-277 VAC, 120-250 VDC
Mounting:	Ceiling, Wall, Pole
Mounting Height:	Up to 10m



LED Bulkhead

Wattage Range:	22-48W
Lumen Output Range:	3,100-6,700
Lumens per Watt:	Up to 149
Input Voltage:	100-277 VAC, 120-250 VDC, 230/240 VAC
Mounting:	Pole mount, Surface mount
Mounting Height:	Up to 6m

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

DuroSite® LED Lighting Fixtures
for Industrial Applications



LED Floodlight - High Output

Wattage Range:	600-1,200W
Lumen Output Range:	72,000-180,000
Lumens per Watt:	120-150
Input Voltage:	220-480 VAC
Mounting:	316 Stainless steel swivel bracket



LED Linear

Wattage Range:	33-66W
Lumen Output Range:	3,300-6,700
Lumens per Watt:	100-102
Input Voltage:	100-277 VAC
Mounting:	Overhead, Wall
Mounting Height:	Up to 6m

SafeSite® LED Lighting Fixtures
for Hazardous Applications



LED High Bay - IECEx/ATEX

Wattage Range:	80-185W
Lumen Output Range:	10,950-25,900W
Lumens per Watt:	137-143
Input Voltage:	100-277 VAC, 120-250 VDC
Mounting:	Pole, Overhead, Ceiling, Wall
Mounting Height:	Up to 12m
Zone:	Zone 1, 21 and Zone 2, 22



LED Floodlight - IECEx/ATEX

Wattage Range:	130-185W
Lumen Output Range:	18,600-25,900W
Lumens per Watt:	140-143
Input Voltage:	100-277 VAC, 120-250 VDC
Mounting:	Pole, Overhead, Ceiling, Wall
Mounting Height:	Up to 12m
Zone:	Zone 1, 21 and Zone 2, 22

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

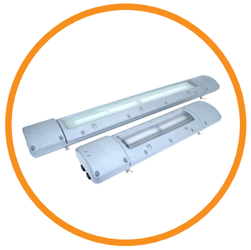
SafeSite® LED Lighting Fixtures
for Hazardous Applications





LED Area Light

Wattage Range:	24-66W
Lumen Output Range:	3,000-9,000
Lumens per Watt:	Up to 143
Input Voltage:	100-277 VAC, 120-250 VDC
Mounting:	Ceiling, Wall, Pole
Mounting Height:	Up to 10m
Zone:	Zone 1, 21



LED GRP Linear

Wattage Range:	25-51W
Lumen Output Range:	2,785-5,750
Lumens per Watt:	Up to 123
Input Voltage:	100-277 VAC/120-250 VDC, 230/240 (Emerg.)
Mounting:	Ceiling, Wall, Pole
Zone:	Zone 1, 21 and Zone 2, 21 and 22

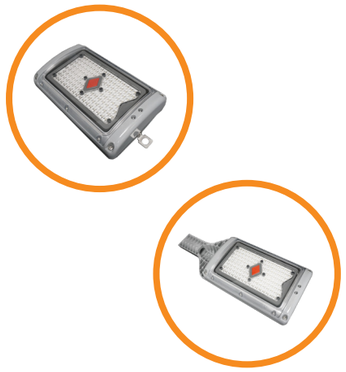


LED Linear

Wattage Range:	33W, 66W
Lumen Output Range:	3,300-6,700
Lumens per Watt:	100,102
Input Voltage:	100-277 VAC
Mounting:	Overhead, Wall
Mounting Height:	Up to 6m

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

SafeSite® LED Lighting Fixtures
for Hazardous Applications



LED Bulkhead

Wattage:	22-48W
Lumen Output:	3,100-6,700
Lumens per Watt:	Up to 149
Input Voltage:	100-277 VAC, 120-250 VDC
Mounting:	Flush, Stanchion, Pole
Mounting Height:	Up to 6m
Zone:	Zone 1, 21 and Zone 2, 21 and 22

Obstruction LED Lighting Solutions



Vigilant LED Based ICAO Type B/Type C
Medium Intensity (Red) Beacon - Infrared (IR) available

Verified to meet CASA requirements under Manual of Standards Part 139 - Aerodromes

Effective Intensity:	2,000 cd
Wattage:	3.3W (16.7% duty circle)- standard 7.0W (16.7% duty circle)- IR model 20 flashes per minute with 0.5 sec. on time
Input Voltage:	120-240 VAC or 24-48 VDC



Vigilant LED Based ICAO Type A/Type B
Medium Intensity (White/Red) Strobe - Infrared (IR) available

Effective Intensity:	White Day- 20,000 cd White Night- 2,000 cd Red Night- 2,000 cd
Wattage:	White Day- 36W (system = 75W) White Night- 4W (system = 10W) Red Night- 12W (system = 25W)
Input Voltage:	120-240 VAC or +/- 48 VDC

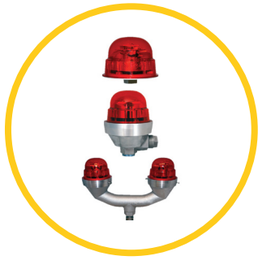
DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

Obstruction LED Lighting Solutions



Vigilant LED Based ICAO Type A
High Intensity (White / Red) Strobe

Effective Intensity:	White Day – 200,000 cd White Twilight- 20,000 cd White or Red Night- 2,000 cd
Wattage:	White day - 160W White twilight - 30W White Night - 23W Red Night - 30W
Input Voltage:	208-277 VAC



Vigilant LED Based ICAO Type B/Type E
Low Intensity (Red) RTO Side Light - Infrared (IR) available

Effective Intensity:	32.5 cd
Wattage Range:	1.5-9.0W
Input Voltage:	12-48 VDC, 120-240 VAC, 277 VAC



SafeSite® LED Based L-864 / L-865
Flashing Dual (Red / White) - Class I, Div. 2

Verified to meet CASA requirements under Manual of Standards Part 139 - Aerodromes

Effective Intensity:	White Day - 20,000 cd White Night - 20,000 cd Red Night - 20,000 cd
Input Voltage:	White - 150V DC (through Controller) Red - 75V DC (through Controller

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

Vigilant® LED High Bay - RCM / CE / UL

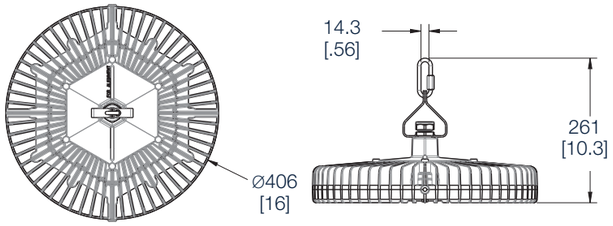
Standard Models



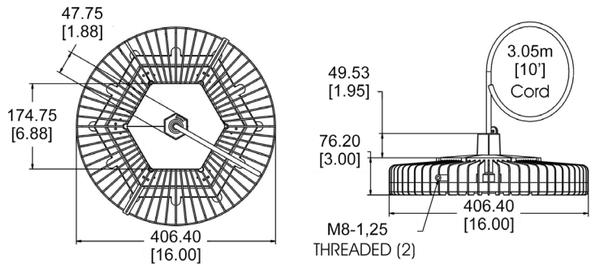
Certifications & Ratings

- 10 year warranty
- L70 >150,000 hours @ 25°C ambient
- CE / RCM / UL 1598/A (wet locations)
- IK10 to EN 50102 (Polycarbonate lens)
  IK06 to EN 50102 (Acrylic lens)
  IK05 to EN 50102 (Glass lens)

CE/RCM Model



UL Model



Dimensions in mm [inches]

Mechanical Information:

Fixture weight: 8.2 kg (18 lb)

Shipping weight: 10.9 kg (24 lb)

Mounting: Hook (CE/RCM) or
3/4" NPT Pendant (UL)
swivel bracket (sold separately)
Secondary retention option available

Cabling: 1.8m H07BN4-F power
cord (CE/RCM) with AU plug or
3m STOOW power cord (UL)

Electrical Specifications:

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

Total system power consumption: See table

Operating Temp: -40°C to +65°C (-40°F to +149°F)

Harmonics: IEC 61000-3-2

Transient protection: Tested to withstand up to 8kV/4kA per IEEE C62.41

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
Polycarbonate (flat or dome)
Acrylic (flat)

Photometric Information:

CRI: 80

CCT: 5000K (cool white)
4000K (neutral white)
2700K (warm white)

All values typical unless otherwise stated
(tolerance +/- 10%, HEE/HEU only)

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.

Vigilant® LED High Bay - RCM / CE

Ordering Information

Part Number	Fixture Lumens	Wattage	lm/W	Voltage	Colour Temperature (CCT)	Beam Distribution
RCM / CE - Slim Body - Glass Lens - HEE7, VEE7						
VEE7MN2ANH-VZGN	11,000	65	169	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Medium
VEE7MN2BNH-VZGN	13,600	80	170	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Medium
VEE7MN2CNH-VZGN	17,300	96	180	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Medium
VEE7MN2ENH-VZGN	23,800	140	170	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Medium
VEE7MN2HNH-VZGN	32,300	195	166	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Medium
VEE7MN2JNH-VZGN	37,400	230	163	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Medium
VEE7MC2ANH-VZGN	11,000	65	169	100-277 VAC, 120-250 VDC	5000K (Cool White)	Medium
VEE7MC2BNH-VZGN	13,600	80	170	100-277 VAC, 120-250 VDC	5000K (Cool White)	Medium
VEE7MC2CNH-VZGN	17,300	96	180	100-277 VAC, 120-250 VDC	5000K (Cool White)	Medium
VEE7MC2ENH-VZGN	23,800	140	170	100-277 VAC, 120-250 VDC	5000K (Cool White)	Medium
VEE7MC2HNH-VZGN	32,300	195	166	100-277 VAC, 120-250 VDC	5000K (Cool White)	Medium
VEE7MC2JNH-VZGN	37,400	230	163	100-277 VAC, 120-250 VDC	5000K (Cool White)	Medium
HEE7MW2ANH-VZGN	10,600	80	133	100-277 VAC, 120-250 VDC	2700K (Warm White)	Medium
HEE7MW2BNH-VZGN	12,700	100	127	100-277 VAC, 120-250 VDC	2700K (Warm White)	Medium
HEE7MW2CNH-VZGN	16,800	130	129	100-277 VAC, 120-250 VDC	2700K (Warm White)	Medium
HEE7MW2ENH-VZGN	23,400	185	126	100-277 VAC, 120-250 VDC	2700K (Warm White)	Medium
RCM / CE - Slim Body - Acrylic Lens - VEE2						
VEE2MN2ANH-VZGN	11,000	65	169	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Medium
VEE2MN2BNH-VZGN	13,600	80	170	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Medium
VEE2MN2CNH-VZGN	17,300	96	180	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Medium
VEE2MN2ENH-VZGN	23,800	140	170	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Medium
VEE2MC2ANH-VZGN	11,000	65	169	100-277 VAC, 120-250 VDC	5000K (Cool White)	Medium
VEE2MC2BNH-VZGN	13,600	80	170	100-277 VAC, 120-250 VDC	5000K (Cool White)	Medium
VEE2MC2CNH-VZGN	17,300	96	180	100-277 VAC, 120-250 VDC	5000K (Cool White)	Medium
VEE2MC2ENH-VZGN	23,800	140	170	100-277 VAC, 120-250 VDC	5000K (Cool White)	Medium
RCM / CE - Slim Body - Polycarbonate Dome Lens - VEEL						
VEELMN2ANH-VZGN	10,900	65	168	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Medium
VEELMN2BNH-VZGN	13,400	80	168	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Medium
VEELMN2CNH-VZGN	17,100	96	178	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Medium
VEELMN2ENH-VZGN	23,500	140	168	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Medium
VEELMC2ANH-VZGN	10,900	65	168	100-277 VAC, 120-250 VDC	5000K (Cool White)	Medium
VEELMC2BNH-VZGN	13,400	80	168	100-277 VAC, 120-250 VDC	5000K (Cool White)	Medium
VEELMC2CNH-VZGN	17,100	96	178	100-277 VAC, 120-250 VDC	5000K (Cool White)	Medium
VEELMC2ENH-VZGN	23,500	140	168	100-277 VAC, 120-250 VDC	5000K (Cool White)	Medium

All values typical unless otherwise stated (tolerance +/- 10%).
For additional controls options including IntelliLED wireless controls, contact a Dialight sales representative for spec sheet.
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 product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

Vigilant® LED High Bay - UL

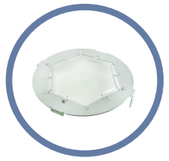
Ordering Information

Part Number	Fixture Lumens	Wattage	lm/W	Voltage	Colour Temperature	Lens	Beam Distribution
UL - 3/4" NPT Models - Neutral White							
VEU7MN2HNN-WNGN	32,300	195	166	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Clear Tempered Glass	Medium
VEU7MN2JNN-WNGN	37,400	230	163	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Clear Tempered Glass	Medium
UL - 3/4" NPT Models - Cool White							
VEU7MC2HNN-WNGN	32,300	195	166	100-277 VAC, 120-250 VDC	5000K (Cool White)	Clear Tempered Glass	Medium
VEU7MC2JNN-WNGN	37,400	230	163	100-277 VAC, 120-250 VDC	5000K (Cool White)	Clear Tempered Glass	Medium
UL - 3/4" NPT Models - Neutral White							
VEU2MN2ANN-WNGN	11,000	65	169	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Clear Acrylic	Medium
VEU2MN2BNN-WNGN	13,600	80	170	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Clear Acrylic	Medium
VEU2MN2CNN-WNGN	17,300	96	180	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Clear Acrylic	Medium
VEU2MN2ENN-WNGN	23,800	140	170	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Clear Acrylic	Medium
UL - 3/4" NPT Models - Cool White							
VEU2MC2ANN-WNGN	11,000	65	169	100-277 VAC, 120-250 VDC	5000K (Cool White)	Clear Acrylic	Medium
VEU2MC2BNN-WNGN	13,600	80	170	100-277 VAC, 120-250 VDC	5000K (Cool White)	Clear Acrylic	Medium
VEU2MC2CNN-WNGN	17,300	96	180	100-277 VAC, 120-250 VDC	5000K (Cool White)	Clear Acrylic	Medium
VEU2MC2ENN-WNGN	23,800	140	170	100-277 VAC, 120-250 VDC	5000K (Cool White)	Clear Acrylic	Medium

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

Vigilant® LED High Bay - RCM / CE / UL

Mounting Accessories & Beam Distribution



HBXSBK
- LED High Bay textured flat lens

HBXSBL
- LED High Bay sacrificial flat lens



HBXW3-SSL-316M
- 316 stainless steel adjustable locking bracket



HBXCAB48
- 48" long stainless steel safety rope (for use with safety retention tabs)



HBXW2
- Aluminum swivel bracket and cable gland

HBXW3
- Aluminum swivel bracket

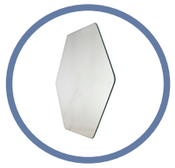


HBXSBDK
- LED High Bay textured dome lens

HBXSBDL
- LED High Bay sacrificial dome lens



HBXCU
- Ceiling / wall mount
- UL only



HBXLENGC
- Clear glass lens kit

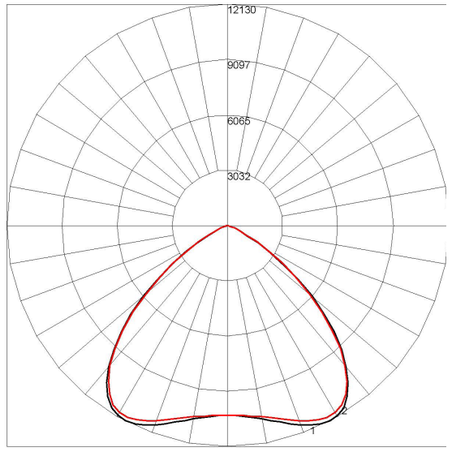


HBXSB
- 316 stainless steel safety retention tabs (4x)



HBXW3-SSL-316FT
- 316 stainless steel forward throw bracket

Medium



Maximum Candela = 12129.5 Located At Horizontal Angle = 0, Vertical Angle = 27.5
1 - Vertical Plane Through Horizontal Angles (0 - 180)
2 - Vertical Plane Through Horizontal Angles (90 - 270)

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

Vigilant® LED Low Bay - RCM / CE / UL

Technical Specifications



Corded Models

Mechanical Information:

Fixture weight:
8.2 kg (18 lbs)

Shipping weight:
10.9 kg (24 lbs)

Mounting:
Stainless Steel Hook

Power Cord:
3 meters, H07RN-F Heavy Duty

Prefix: VEE / VEU



Integrated Wiring Box

Mechanical Information:

Fixture weight:
9.1 kg (20 lbs)

Shipping weight:
11.8 kg (26 lbs)

Mounting:
Various Kits (see page 17)

Wiring Box Cable Entries:
M25 x 3

Terminals:
4mm² x 5

Prefix: VWE / VWU

Comparison		
	Warranty	**L70**
Dialight LED Low Bay	10yr	>150,000
Metal Halide	1	15,000
High Pressure Sodium	1	20,000

Certifications & Ratings:

EN 60598:2015
EN 60598-2-1 (ed.1), IEC 60598-2-1 (ed.8)
EN 60598-2-24:2013
EN 62471:2008, EN 62778:2014
EN 62493:2010
IEC60068
Salt spray testing - severity 1
IP66 to EN 60529
IK10 to EN 50102 (Polycarbonate lens)
IK06 to EN 50102 (Acrylic lens)
IK05 to EN 50102 (Glass lens)
D-Marking to EN 60598 2-2
ENEC
L70 >150,00 hours @ 25°C ambient

Variable Dimming as Standard:

Variable Dimming Control: 0-10 VDC

Dimming Range: 10 VDC = 100% light output
0 VDC = <5% light output

Electrical Specifications:

Operating Voltage: 100-277 VAC, 50/60 Hz
120-250 VDC

Total system power consumption: See table

Operating Temp: -40°C to +65°C

Harmonics: IEC 61000-3-2

Noise requirement /EMC: EN 61547: 2009
Radiated and Conducted Emissions: EN 55015

EMC Immunity: EN 61547: 2009

Transient protection: Protection devices capable of handling up to 10kV. Tested for 10kV/2 ohm combination wave, as per IEEE C62.41, line-line and line-ground

THD: < 20%

Power Factor: > 0.9

Construction:

Housing: Copper-free aluminium

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

Lens: See table

Gaskets: Silicone free

Screws: Stainless steel 316

Photometric Information:

CRI: 80

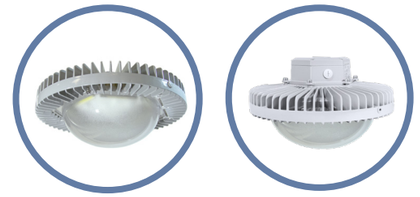
CCT: 5000K (cool white)
4000K (neutral white)

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

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.

Vigilant® LED Low Bay RCM / CE / UL

Ordering Information



Part Number	Fixture Lumens	Wattage	lm/W	Voltage	CCT	Lens	Beam Distribution
RCM/CE - Standard & Battery Backup Models with 3 Meter Cable & Hook Mount							
VEELUC2CDH-WNGN	16,700	115	145	100-277 VAC, 120-250 VDC	5000K (Cool White)	Polycarbonate Dome - Diffused	Ultra Wide
VEELUC2BDH-WNGN	13,400	90	149	100-277 VAC, 120-250 VDC	5000K (Cool White)	Polycarbonate Dome - Diffused	Ultra Wide
VEELUC29DH-WNGN	9,000	60	150	100-277 VAC, 120-250 VDC	5000K (Cool White)	Polycarbonate Dome - Diffused	Ultra Wide
VEELUC26NH-VZGN	6,100	43	142	100-277 VAC, 120-250 VDC	5000K (Cool White)	Polycarbonate Dome - Diffused	Ultra Wide
VEELUN29NH-VZGN	9,000	60	150	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Polycarbonate Dome - Diffused	Ultra Wide
VEELUNG9AH-NNGH	9,000	96	94	230-240 VAC	4000K (Neutral White)	Polycarbonate Dome - Diffused	Ultra Wide
VEELUCG9AH-NNGH	9,000	96	94	230-240 VAC	5000K (Neutral White)	Polycarbonate Dome - Diffused	Medium
VEELMNGEAH-NNGH	23,500	146	161	230-240 VAC	4000K (Neutral White)	Polycarbonate Dome - Diffused	Medium
VEELMCGEAH-NNGH	23,500	146	161	230-240 VAC	5000K (Neutral White)	Polycarbonate Dome - Diffused	Medium
RCM/CE - Integrated Wiring Box - Standard with HBXW3 Bracket							
VWELUC2CDA-NNGN	16,700	115	145	100-277 VAC, 120-250 VDC	5000K (Cool White)	Polycarbonate Dome - Diffused	Ultra Wide
VWELUC2BDA-NNGN	13,400	90	149	100-277 VAC, 120-250 VDC	5000K (Cool White)	Polycarbonate Dome - Diffused	Ultra Wide
VWELUC29AA-NNGN	9,000	60	150	100-277 VAC, 120-250 VDC	5000K (Cool White)	Polycarbonate Dome - Diffused	Ultra Wide
VWELUC26DA-NNGN	6,100	43	142	100-277 VAC, 120-250 VDC	5000K (Cool White)	Polycarbonate Dome - Diffused	Ultra Wide
VWELUN29AA-NNGN	9,000	60	150	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Polycarbonate Dome - Diffused	Ultra Wide
VWELUN26DA-NNGN	6,100	43	142	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Polycarbonate Dome - Diffused	Ultra Wide
UL - Standard Model with 3 Meter Cable & Hook Mount							
VEULUN29NH-WNGN	9,000	60	150	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Polycarbonate Dome - Diffused	Ultra Wide
VEULUC29NH-WNGN	9,000	60	150	100-277 VAC, 120-250 VDC	5000K (Cool White)	Polycarbonate Dome - Diffused	Ultra Wide
UL - Integrated Wiring Box - Standard with HBXW3 Bracket							
VWULUN29AA-NNGN	9,000	60	150	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Polycarbonate Dome - Diffused	Ultra Wide
VWULUC29AA-NNGN	9,000	60	150	100-277 VAC, 120-250 VDC	5000K (Cool White)	Polycarbonate Dome - Diffused	Ultra Wide

All values typical unless otherwise stated (tolerance +/- 10%).
Part numbers listed in **bold** are typically available in stock.
Models in chart above are 5000K CCT. For 4000K CCT change the 6th character from C to N & deduct 3% from the lumen table.
Models with integrated wiring box are upgradeable to DALI & Wireless controls. Consult local Dialight sales office for availability.

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

Vigilant® LED High Bay - Battery Backup

Technical Specifications



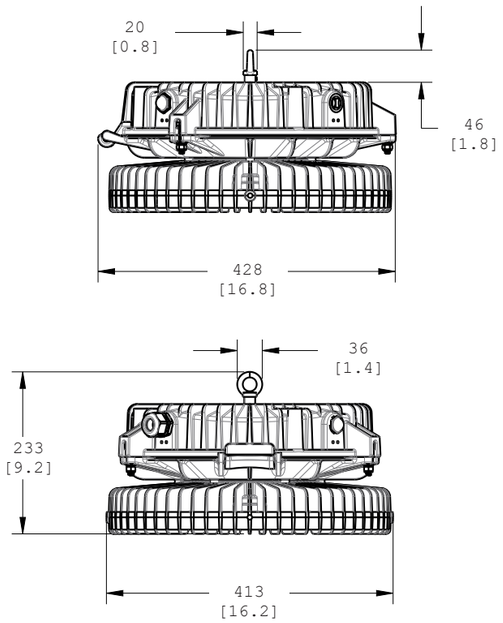
Mechanical Information:

Fixture weight:
17.7 kg (39 lbs)

Shipping weight:
20.9 kg (46 lbs)

Mounting:
Stainless Steel Hook

Prefix: HEE/VEE



Dimensions in mm (inches)

Certifications & Ratings:

10 year warranty (excluding battery)

EN 60598-1:2015,
IEC 60598-1:2014

EN 60598-2-1:1989,
IEC 60598-2-1:2020

IEC60068
Salt spray testing - severity 1

IP66 to EN 60529

IK10 to EN 50102
(Polycarbonate lens)

IK06 to EN 50102 (Acrylic lens)

IK05 to EN 50102 (Glass lens)

D-Marking to EN 60598 2-24
L70 >150,000 hours @ 25°C ambient

Electrical Specifications:

Operating Voltage:	230/240 VAC
Cable Entries:	M25 x 2 sides
Terminals:	0.5-4mm^2 x 5
Dimming:	DALI enabled
Total system power consumption:	See table
Battery Wattage:	20W
Battery Duration:	60, 90 or 180 minutes (field selectable)
Operating Temp:	-20°C to +55°C
Harmonics:	IEC 61000-3-2
Noise requirement /EMC:	EN 61547: 2009 Radiated and Conducted Emissions: EN 55015
EMC Immunity:	EN 61547: 2009
Transient protection:	120-277 VAC models tested to withstand up to 6kV/3kA per IEEE C62.41.
THD:	< 20%
Power Factor:	> 0.9

Construction:

Housing:	Copper-free aluminium
Finish:	Superior dual coat finish -Sealed polyester topcoat -Chemical-resistant epoxy primer
Lens:	See table
Screws:	Stainless steel 316

Photometric Information:

CRI:	80
CCT:	5000K (cool white) 4000K (neutral white)

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

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.

Vigilant® LED High Bay - Battery Backup

Ordering Information



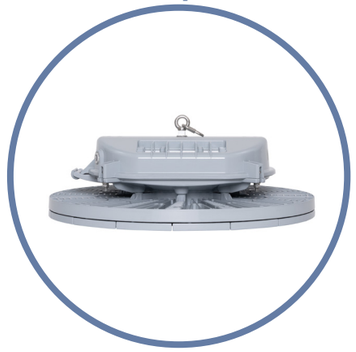
Part Number	Fixture Lumens	Wattage	lm/W	Voltage	Colour Temperature (CCT)	Lens	Beam Distribution	Battery Power
Glass Lens								
VEE7MN2ANH-VZGN	11,000	65	169	100-277 VAC, 120-250 VDC	4000K (neutral white)	Clear Tempered Glass	Medium	N/A
VEE7MN2BNH-VZGN	13,700	80	171	100-277 VAC, 120-250 VDC	4000K (neutral white)	Clear Tempered Glass	Medium	N/A
VEE7MN2CNH-VZGN	17,400	96	181	100-277 VAC, 120-250 VDC	4000K (neutral white)	Clear Tempered Glass	Medium	N/A
VEE7MN2ENH-VZGN	24,000	140	171	100-277 VAC, 120-250 VDC	4000K (neutral white)	Clear Tempered Glass	Medium	N/A
VEE7MN2FNH-VZGN	28,100	165	170	100-277 VAC, 120-250 VDC	4000K (neutral white)	Clear Tempered Glass	Medium	N/A
VEE7MN2HNH-VZGN	32,300	195	166	100-277 VAC, 120-250 VDC	4000K (neutral white)	Clear Tempered Glass	Medium	N/A
VEE7MN2JNH-VZGN	37,400	230	163	100-277 VAC, 120-250 VDC	4000K (neutral white)	Clear Tempered Glass	Medium	N/A
VEE7MC2ANH-VZGN	11,000	65	169	100-277 VAC, 120-250 VDC	5000K (cool white)	Clear Tempered Glass	Medium	N/A
VEE7MC2BNH-VZGN	13,700	80	171	100-277 VAC, 120-250 VDC	5000K (cool white)	Clear Tempered Glass	Medium	N/A
VEE7MC2CNH-VZGN	17,400	96	181	100-277 VAC, 120-250 VDC	5000K (cool white)	Clear Tempered Glass	Medium	N/A
VEE7MC2ENH-VZGN	24,000	140	171	100-277 VAC, 120-250 VDC	5000K (cool white)	Clear Tempered Glass	Medium	N/A
VEE7MC2FNH-VZGN	28,100	165	170	100-277 VAC, 120-250 VDC	5000K (cool white)	Clear Tempered Glass	Medium	N/A
VEE7MC2HNH-VZGN	32,300	195	166	100-277 VAC, 120-250 VDC	5000K (cool white)	Clear Tempered Glass	Medium	N/A
VEE7MC2JNH-VZGN	37,400	230	163	100-277 VAC, 120-250 VDC	5000K (cool white)	Clear Tempered Glass	Medium	N/A
Glass Lens - 20W Battery Backup								
VEE7MNGCAH-NNGH	17,400	96	181	230-240 VAC	4000K (neutral white)	Clear Tempered Glass	Medium	20W
VEE7MNGEAH-NNGH	24,000	140	171	230-240 VAC	4000K (neutral white)	Clear Tempered Glass	Medium	20W
VEE7MNGHAH-NNGH	32,300	195	166	230-240 VAC	4000K (neutral white)	Clear Tempered Glass	Medium	20W
VEE7MNGJAH-NNGH	37,400	230	163	230-240 VAC	4000K (neutral white)	Clear Tempered Glass	Medium	20W
VEE7MCGCAH-NNGH	17,400	96	181	230-240 VAC	5000K (cool white)	Clear Tempered Glass	Medium	20W
VEE7MCGEAH-NNGH	24,000	140	171	230-240 VAC	5000K (cool white)	Clear Tempered Glass	Medium	20W
VEE7MCGHAH-NNGH	32,300	195	166	230-240 VAC	5000K (cool white)	Clear Tempered Glass	Medium	20W
VEE7MCGJAH-NNGH	37,400	230	163	230-240 VAC	5000K (cool white)	Clear Tempered Glass	Medium	20W

All values typical unless otherwise stated (tolerance +/- 10%).
For additional controls options including IntelliLED wireless controls, contact a Dialight sales representative for spec sheet.
Part numbers listed in bold are typically available in stock.

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

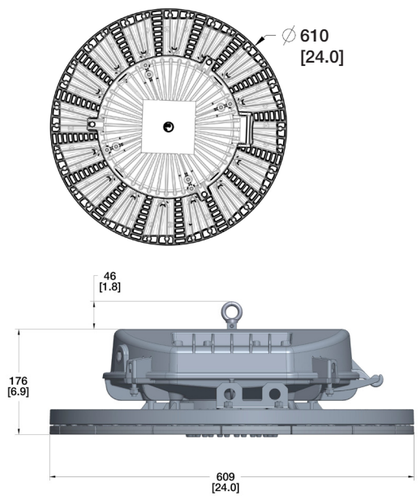
Vigilant® LED High Output High Bay - Low Profile RCM / CE

Technical Specification



Certifications & Ratings

- 10 year warranty
- CE / RCM / ENEC
- IP66/67
- IK10 (polycarbonate) / IK06 (glass)
- L70 > 150,000 hours
- Factory installed secondary retention bracket, optional safety cable accessory available



Dimensions in mm [inches]

Mechanical Information:

Fixture weight: 21.8 kg (48 lbs)

Shipping weight: 28.1 kg (62 lbs)

Mounting: (1) Loop

Wiring entries: (2) M25

Materials:

Housing: A360 Die-cast aluminium

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

Lens options: Tempered glass, Acrylic or Polycarbonate

Hardware: 316 Stainless Steel

Electrical Specifications:

Operating voltage: 120-277 VAC, 50/60Hz

Total system power consumption: See table

Operating temperature: -40°C to +65°C

Harmonics: IEC 61000-3-2 Class C

Surge protection: Tested to IEC 61000-4-5
6kV/3kA, 1.2/50, 8/20us
Combination wave
Line-line and line-ground

THD: < 20%

Power factor: > 0.9

Photometric Information:

CRI: 80

CCT: 5000K (cool white)
4000K (neutral white)
2700K (warm white)

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

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.

Vigilant® LED High Output High Bay - Low Profile

Ordering Information & Mounting Accessories

Part Number	Fixture Lumen	Watt	lm/W	Voltage	CCT	CRI	Lens	Beam Distribution	Dimming
CE Standard Models - 120-277 VAC Models									
H7E-7NN2-KDHN-NGN	46,000	300	153	120-277 VAC	4000K (Neutral White)	80	Glass	Narrow	0-10V
H7E-7MN2-KDHN-NGN	46,000	300	153	120-277 VAC	4000K (Neutral White)	80	Glass	Medium	0-10V
H7E-7NN2-NDHN-NGN	61,200	418	146	120-277 VAC	4000K (Neutral White)	80	Glass	Narrow	0-10V
H7E-7MN2-NDHN-NGN	61,200	418	146	120-277 VAC	4000K (Neutral White)	80	Glass	Medium	0-10V
H7E-7NN2-RDHN-NGN	70,500	485	145	120-277 VAC	4000K (Neutral White)	80	Glass	Narrow	0-10V
H7E-7NC2-KDHN-NGN	46,000	300	153	120-277 VAC	5000K (Cool White)	80	Glass	Narrow	0-10V
H7E-7MC2-KDHN-NGN	46,000	300	153	120-277 VAC	5000K (Cool White)	80	Glass	Medium	0-10V
H7E-7NC2-NDHN-NGN	61,200	418	146	120-277 VAC	5000K (Cool White)	80	Glass	Narrow	0-10V
H7E-7MC2-NDHN-NGN	61,200	418	146	120-277 VAC	5000K (Cool White)	80	Glass	Medium	0-10V
H7E-7NC2-RDHN-NGN	70,500	485	145	120-277 VAC	5000K (Cool White)	80	Glass	Narrow	0-10V
CE Standard Models - 27-480 VAC Models									
H7E-7NN5-KDHN-NHN	46,000	308	149	415 VAC	4000K (Neutral White)	80	Glass	Narrow	0-10V
H7E-7MN5-KDHN-NGN	46,000	308	149	415 VAC	4000K (Neutral White)	80	Glass	Medium	0-10V
H7E-7NN5-NDHN-NGN	61,200	427	143	415 VAC	4000K (Neutral White)	80	Glass	Narrow	0-10V
H7E-7MN5-NDHN-NGN	61,200	427	143	415 VAC	4000K (Neutral White)	80	Glass	Medium	0-10V
H7E-7NN5-RDHN-NGN	70,500	494	143	415 VAC	4000K (Neutral White)	80	Glass	Narrow	0-10V
H7E-7NC5-KDHN-NGN	46,000	308	149	415 VAC	5000K (Cool White)	80	Glass	Narrow	0-10V
H7E-7MC5-KDHN-NGN	46,000	308	149	415 VAC	5000K (Cool White)	80	Glass	Medium	0-10V
H7E-7NC5-NDHN-NGN	61,200	427	143	415 VAC	5000K (Cool White)	80	Glass	Narrow	0-10V
H7E-7MC5-NDHN-NGN	61,200	427	143	415 VAC	5000K (Cool White)	80	Glass	Medium	0-10V
H7E-7NC5-RDHN-NGN	70,500	494	143	415 VAC	5000K (Cool White)	80	Glass	Narrow	0-10V

All values typical unless otherwise stated (tolerance +/- 10%).
Part numbers listed in **bold** are typically available in stock.
Cool white color temperature (5000K) is available for products in the above table. Replace the sixth character N with C. Ex. H7E-7MN2-RDHN-NGN becomes H7E-7MC2-RDHN-NGN.



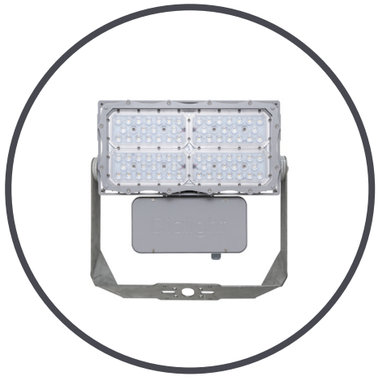
H6XCAB72

- 72" stainless steel safety rope
- Kit includes: (1) cable
- Two (2) cables required for each fixture

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

ProSite LED Floodlight - Non-Hazardous

F1 Models



Certifications & Ratings

- 10 year warranty
- CE / ENEC / RCM
- IP66/67
- DNV TAE00004GM
- IK10 - Polycarbonate optic/lens
- IK08 - Glass lens
- L70 > 150,000 hours @ 65°C ambient
- Vibration - Lloyd's test 1

Mechanical Information:

Fixture weight: 11.0 - 20.6 kg

EPA (m^2): 0.186

Cable entry: 2 x M25

Electrical Specifications:

Operating voltage: 120-277 VAC / 120-250 VDC
277-480 VAC

Operating temp: -40°C to +65°C

EMC: CISPR 15
Harmonics: IEC 61000-3-2 Class C
Flicker: IEC 61000-3-3
Immunity requirements for lighting: IEC 61547

Transient protection: IEC 61000-4-5. 6kV line-line and line-ground.
Optional: Additional surge protection module rated for 10kA, 20kA single strike

THD: < 20%

Power Factor: > 0.9

Dimming: DALI 2.0 compatible/0-10 VDC

Construction:

Housing: A360 Die-cast aluminum

Hardware: 316 stainless steel

Finish: Superior epoxy and polyester dual coat finish

Lens: Polycarbonate
Glass

Photometric Information:

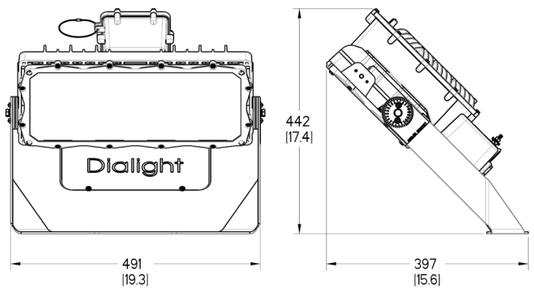
CCT: 5000K - 70 CRI
4000K - 70 CRI
2700K - 80 CRI
2200K - 80 CRI
Amber

Beam pattern: Medium - 55°
Wide - 125°
Asymmetric - Forward Distribution

IES files: Available at www.dialight.com

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

Standard Angled Bracket



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.

Ordering Information - F1

ProSite LED Floodlight - Non-Hazardous



Industrial - CE / RCM						
Part Number	Fixture Lumens	Wattage	lm/W	CCT/CRI	Lens	Beam Distribution
12,000lm Models - 120-277VAC / 120-250VDC						
F1E-N6B2-BDEN-VGN	12,600	78	162	5000K 70 CRI	PC Optic	Wide
F1E-N4B2-BDEN-VGN	12,600	78	162	5000K 70 CRI	PC Optic	Medium
F1E-7FB2-BDEN-VGN	11,500	78	147	5000K 70 CRI	Glass	Asymmetric
F1E-N6L2-BDEN-VGN	12,300	78	158	4000K 70 CRI	PC Optic	Wide
F1E-N4L2-BDEN-VGN	12,300	78	158	4000K 70 CRI	PC Optic	Medium
F1E-7FL2-BDEN-VGN	11,200	78	144	4000K 70 CRI	Glass	Asymmetric
F1E-N6W2-BDEN-VGN	10,100	78	129	2700K 80 CRI	PC Optic	Wide
F1E-N4W2-BDEN-VGN	10,100	78	129	2700K 80 CRI	PC Optic	Medium
F1E-7FW2-BDEN-VGN	8,900	78	114	2700K 80 CRI	Glass	Asymmetric
18,000lm Models - 120-277VAC / 120-250VDC						
F1E-N6B2-CDEN-VGN	18,500	124	149	5000K 70 CRI	PC Optic	Wide
F1E-N4B2-CDEN-VGN	18,500	124	149	5000K 70 CRI	PC Optic	Medium
F1E-7FB2-CDEN-VGN	16,800	124	135	5000K 70 CRI	Glass	Asymmetric
F1E-N6L2-CDEN-VGN	18,100	124	146	4000K 70 CRI	PC Optic	Wide
F1E-N4L2-CDEN-VGN	18,100	124	146	4000K 70 CRI	PC Optic	Medium
F1E-7FL2-CDEN-VGN	16,500	124	133	4000K 70 CRI	Glass	Asymmetric
F1E-N6W2-CDEN-VGN	14,800	124	119	2700K 80 CRI	PC Optic	Wide
F1E-N4W2-CDEN-VGN	14,800	124	119	2700K 80 CRI	PC Optic	Medium
F1E-7FW2-CDEN-VGN	13,100	124	106	2700K 80 CRI	Glass	Asymmetric
30,000lm Models - 120-277VAC / 120-250VDC						
F1E-N6B2-FDEN-VGN	30,000	234	128	5000K 70 CRI	PC Optic	Wide
F1E-N4B2-FDEN-VGN	30,000	234	128	5000K 70 CRI	PC Optic	Medium
F1E-7FB2-FDEN-VGN	27,300	234	117	5000K 70 CRI	Glass	Asymmetric
F1E-N6L2-FDEN-VGN	29,400	234	126	4000K 70 CRI	PC Optic	Wide
F1E-N4L2-FDEN-VGN	29,400	234	126	4000K 70 CRI	PC Optic	Medium
F1E-7FL2-FDEN-VGN	26,700	234	114	4000K 70 CRI	Glass	Asymmetric
F1E-N6W2-FDEN-VGN	24,000	234	103	2700K 80 CRI	PC Optic	Wide
F1E-N4W2-FDEN-VGN	24,000	234	103	2700K 80 CRI	PC Optic	Medium
F1E-7FW2-FDEN-VGN	21,300	234	91	2700K 80 CRI	Glass	Asymmetric
Amber Models - 120-277VAC / 120-250VDC						
F1E-7FA2-BDEN-VGN	11,800	249	47	Amber	Glass	Asymmetric

All values typical unless otherwise stated (tolerance +/-10%)
Part numbers listed in **bold** are typically available in stock.
Voltage - 277-480VAC change 7th character to '5'.
CCT - 2200k change 6th character to 'U'
Lens - glass lens change 4th character to '7'.
Surge Protection - 10kA surge protection 120-277 VAC change 7th character to '8'. 10kA surge protection 277-480 VAC change 7th character to '9'.
PE Cell - 3-Pin NEMA PE Cell Receptacle with shorting cap change 9th character to 'S'.
Mounting Bracket - Angled Bracket 'E' supplied as standard - see pgs 14-17 for other options.

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

ProSite LED Floodlight - Battery Backup

F1 Models - Non-Hazardous



Certifications & Ratings

- 10 year warranty (excluding batteries)
- CE / ENEC / RCM
- IP66/67
- IK10 - Polycarbonate optic/lens
- IK08 - Glass lens
- L70 > 150,000 hours @ 55°C ambient
- Vibration - Lloyd's test 1

Mechanical Information:

Fixture weight:	13.3 - 20.6 kg
EPA (sq. m):	0.19
Cable entry:	2 x M25

Electrical Specifications:

Operating voltage:	230-240 VAC, 50/60Hz
Operating temp:	-20°C to +55°C
EMC:	CISPR 15 Harmonics: IEC 61000-3-2 Class C Flicker: IEC 61000-3-3 Immunity requirements for lighting: IEC 61547
Transient protection: Optional:	IEC 61000-4-5. 6kV line-line and line-ground. Additional surge protection module rated for 10kA, 20kA single strike
THD:	< 20%
Power Factor:	> 0.9
Dimming:	DALI 1 and 2 compatible/0-10 VDC
Battery Duration:	60, 90 or 180 minutes (field selectable)

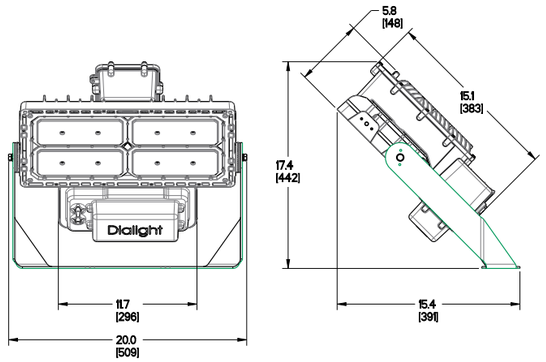
Construction:

Housing:	A360 Die-cast aluminum
Hardware:	316 stainless steel
Finish:	Superior epoxy and polyester dual coat finish
Lens:	Polycarbonate Glass

Photometric Information:

CCT:	5000K - 70 CRI 4000K - 70 CRI 2700K - 80 CRI 2200K - 80 CRI Amber
Beam pattern:	Medium (56°) Wide (125°) Asymmetric
IES files:	Available at www.dialight.com

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



Dimensions in inches [mm]

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.

Ordering Information - F1 Models

ProSite LED Floodlight Battery Backup - Non-Hazardous



Industrial - CE / RCM							
Part Number	**Fixture Lumens**	**Wattage**	**lm/W**	**Lumens Battery Mode**	**CCT/CRI**	**Lens**	**Beam Distribution**
12,000lm Models - 230-240VAC							
F1E-N6BG-BDEN-VGF	12,600	84	150	1,670	5000K 70 CRI	PC Optic	Wide
F1E-N4BG-BDEN-VGF	12,600	84	150	1,670	5000K 70 CRI	PC Optic	Medium
F1E-7FBG-BDEN-VGF	11,500	84	137	1,520	5000K 70 CRI	Glass	Asymmetric
F1E-N6LG-BDEN-VGF	12,300	84	146	1,640	4000K 70 CRI	PC Optic	Wide
F1E-N4LG-BDEN-VGF	12,300	84	146	1,640	4000K 70 CRI	PC Optic	Medium
F1E-7FLG-BDEN-VGF	11,200	84	133	1,490	4000K 70 CRI	Glass	Asymmetric
18,000lm Models - 230-240VAC							
F1E-N6BG-CDEN-VGF	18,500	130	142	1,670	5000K 70 CRI	PC Optic	Wide
F1E-N4BG-CDEN-VGF	18,500	130	142	1,670	5000K 70 CRI	PC Optic	Medium
F1E-7FBG-CDEN-VGF	16,800	130	129	1,520	5000K 70 CRI	Glass	Asymmetric
F1E-N6LG-CDEN-VGF	18,100	130	139	1,640	4000K 70 CRI	PC Optic	Wide
F1E-N4LG-CDEN-VGF	18,100	130	139	1,640	4000K 70 CRI	PC Optic	Medium
F1E-7FLG-CDEN-VGF	16,500	130	127	1,490	4000K 70 CRI	Glass	Asymmetric
30,000lm Models - 230-240VAC							
F1E-N6BG-FDEN-VGF	30,000	240	125	1,670	5000K 70 CRI	PC Optic	Wide
F1E-N4BG-FDEN-VGF	30,000	240	125	1,670	5000K 70 CRI	PC Optic	Medium
F1E-7FBG-FDEN-VGF	27,300	240	114	1,520	5000K 70 CRI	Glass	Asymmetric
F1E-N6LG-FDEN-VGF	29,400	240	123	1,640	4000K 70 CRI	PC Optic	Wide
F1E-N4LG-FDEN-VGF	29,400	240	123	1,640	4000K 70 CRI	PC Optic	Medium
F1E-7FLG-FDEN-VGF	26,700	240	111	1,490	4000K 70 CRI	Glass	Asymmetric

All values typical unless otherwise stated (tolerance +/-10%)
Part numbers listed in bold are typically available in stock.
CCT - 2700k change 6th character to 'W'. 2200k change 6th character to 'U'
Lens - glass lens change 4th character to '7'.
Surge Protection - 10kA surge protection 230-240 VAC change 7th character to 'H'.
PE Cell - 3-Pin NEMA PE Cell Receptacle with shorting cap change 9th character to 'S'.
Mounting Bracket - Angled Bracket 'E' supplied as standard - see pgs 8-9 for other options

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

ProSite LED Floodlight - CE / RCM

F2 Models



Certifications & Ratings

- 10 year warranty
- CE / ENEC / RCM
- IP66/67
- DNV TAE00004GM
- IK10 - Polycarbonate optic/lens
- IK08 - Glass lens
- L70 > 150,000 hours @ 65°C ambient
- Vibration - Lloyd's test 1

Mechanical Information:

Fixture weight:	21.0 - 29.7 kg
EPA (m^2):	0.186
Cable entry:	2 x M25

Electrical Specifications:

Operating voltage:	120-277 VAC / 120-250 VDC 277-480 VAC
Operating temp:	-40°C to +65°C
EMC:	CISPR 15 Harmonics: IEC 61000-3-2 Class C Flicker: IEC 61000-3-3 Immunity requirements for lighting: IEC 61547
Transient protection: Optional:	IEC 61000-4-5. 6kV line-line and line-ground. Additional surge protection module rated for 10kA, 20kA single strike
THD:	< 20%
Power Factor:	> 0.9
Dimming:	DALI 2.0 compatible/0-10 VDC

Construction:

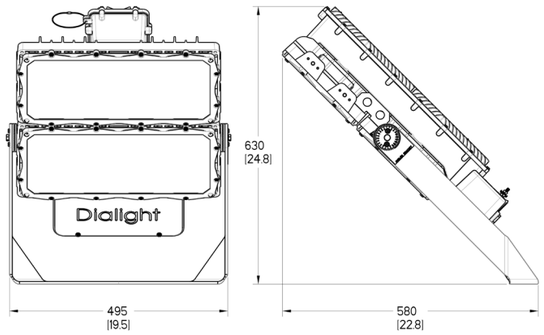
Housing:	A360 Die-cast aluminum
Hardware:	316 stainless steel
Finish:	Superior epoxy and polyester dual coat finish
Lens:	Polycarbonate Glass

Photometric Information:

CCT:	5000K - 70 CRI 4000K - 70 CRI 2700K - 80 CRI 2200K - 80 CRI Amber
Beam pattern:	Medium - 55° Wide - 125° Asymmetric - Forward Distribution
IES files:	Available at www.dialight.com

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

Standard Angled Bracket



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.

Ordering Information

ProSite LED Floodlight - CE / RCM



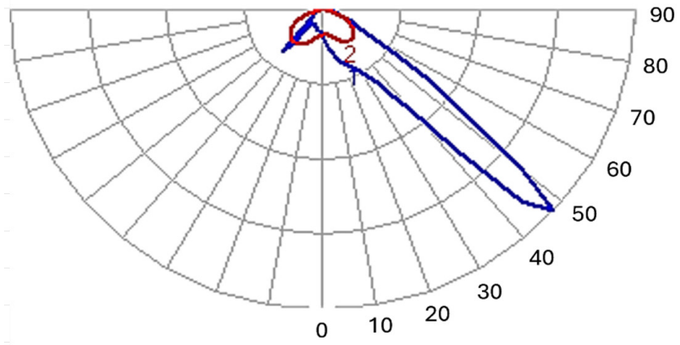
Industrial - CE / RCM						
Part Number	**Fixture Lumens**	**Wattage**	**lm/W**	**CCT/CRI**	**Lens**	**Beam Distribution**
60,000lm Models - 120-277VAC / 120-250VDC - 10kA Surge Protection						
F2E-N6B8-NDEN-VGN	61,000	498	122	5000K 70 CRI	PC Optic	Wide
F2E-N4B8-NDEN-VGN	61,000	498	122	5000K 70 CRI	PC Optic	Medium
F2E-7FB8-NDEN-VGN	55,500	498	111	5000K 70 CRI	Glass	Asymmetric
F2E-N6L8-NDEN-VGN	59,800	498	120	4000K 70 CRI	PC Optic	Wide
F2E-N4L8-NDEN-VGN	59,800	498	120	4000K 70 CRI	PC Optic	Medium
F2E-7FL8-NDEN-VGN	54,300	498	109	4000K 70 CRI	Glass	Asymmetric
F2E-N6W8-NDEN-VGN	48,800	498	98	2700K 80 CRI	PC Optic	Wide
F2E-N4W8-NDEN-VGN	48,800	498	98	2700K 80 CRI	PC Optic	Medium
F2E-7FW8-NDEN-VGN	43,300	498	87	2700K 80 CRI	Glass	Asymmetric
60,000lm Models - 277-480 VAC - 10kA Surge Protection						
F2E-N6B9-NDEN-VGN	61,000	484	126	5000K 70 CRI	PC Optic	Wide
F2E-N4B9-NDEN-VGN	61,000	484	126	5000K 70 CRI	PC Optic	Medium
F2E-7FB9-NDEN-VGN	55,500	484	115	5000K 70 CRI	Glass	Asymmetric
F2E-N6L9-NDEN-VGN	59,800	484	124	4000K 70 CRI	PC Optic	Wide
F2E-N4L9-NDEN-VGN	59,800	484	124	4000K 70 CRI	PC Optic	Medium
F2E-7FL9-NDEN-VGN	54,300	484	112	4000K 70 CRI	Glass	Asymmetric
F2E-N6W9-NDEN-VGN	48,800	484	101	2700K 80 CRI	PC Optic	Wide
F2E-N4W9-NDEN-VGN	48,800	484	101	2700K 80 CRI	PC Optic	Medium
F2E-7FW9-NDEN-VGN	43,300	484	89	2700K 80 CRI	Glass	Asymmetric
Amber - 120-277VAC / 120-250VDC						
F2E-7FA2-EDEN-VGN	20,900	498	42	Amber	Glass	Asymmetric

All values typical unless otherwise stated (tolerance +/-10%)
Part numbers listed in **bold** are typically available in stock.
CCT - 2200k change 6th character to 'U'
Lens - glass lens change 4th character to '7'.
PE Cell - 3-Pin NEMA PE Cell Receptacle with shorting cap change 9th character to 'S'.
Mounting Bracket - Angled Bracket supplied as standard - see pgs 14-17 for other options.

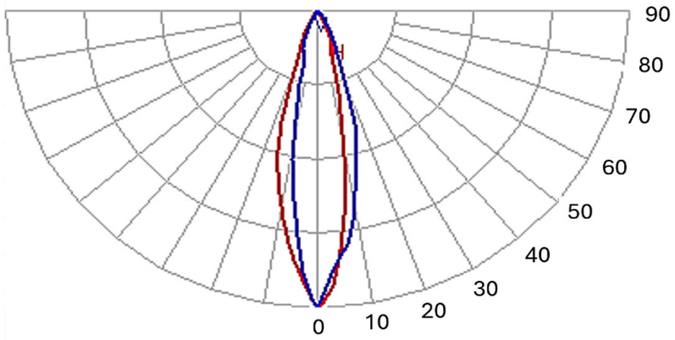
DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

Beam Distribution & Accessories

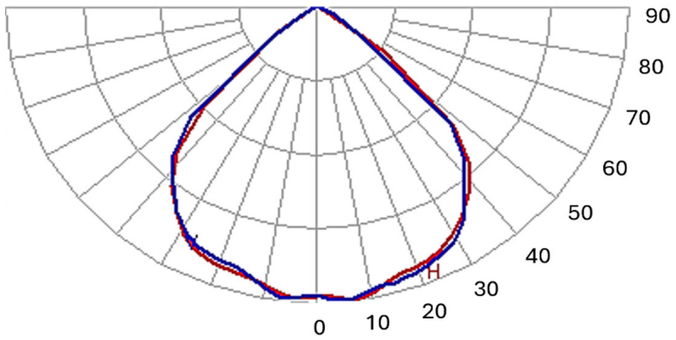
Asymmetric - Forward Distribution



Medium



Wide



DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

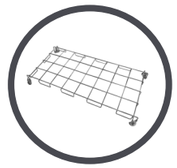
Accessories



F1NVISOR
- F1 visor NEMA optics



F2NVISOR
- F2 visor NEMA optics



FLWG
- Wire guard
- Kit includes (1) assembly



H6XCAB72[1]
- 72" stainless steel safety rope
- Kit includes: (1) cable



SLPC01R
- Photocell, 105-305 VAC

SLPC02R
- Photocell, 312-382 VAC

SLPC03R
- Photocell, 432-528 VAC



FLBATTKIT
- Replacement battery kit

Brackets and adapters require the tenon pole topper (FLX-1TPT-20DB/LG) to mount floodlight. Tenon pole topper sold separately.
F1 models require 1 cable per unit. F2 models require 2 cables per unit.

Replacements*

Replacement Power Supplies	
Part Number	Description
F1PS2B	120-277V Power Supply, 12k lm
F1PS2C	120-277V Power Supply, 18k lm
F1PS2E	120-277V Power Supply, 24k lm
F1PS2F	120-277V Power Supply, 30k lm
F2PS2N	120-277V Power Supply, 60k lm
F1PS5B	277-480V Power Supply, 12k lm
F1PS5C	277-480V Power Supply, 18k lm
F1PS5E	277-480V Power Supply, 24k lm
F1PS5F	277-480V Power Supply, 30k lm
F2PS5N	277-480V Power Supply, 60k lm



FL10KV277
- 10kA surge protection 120-277V

FL10KV480
- 10kA surge protection 277-480V



FLGLASSLG
- Glass lens, grey
- Kit includes (1) assembly

*Replacements parts for CE models only.

[1]F1 models require 1 cable per unit. F2 models require 2 cables per unit.
Replacement parts available. Please contact a Dialight sales representative or see spec sheet.

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

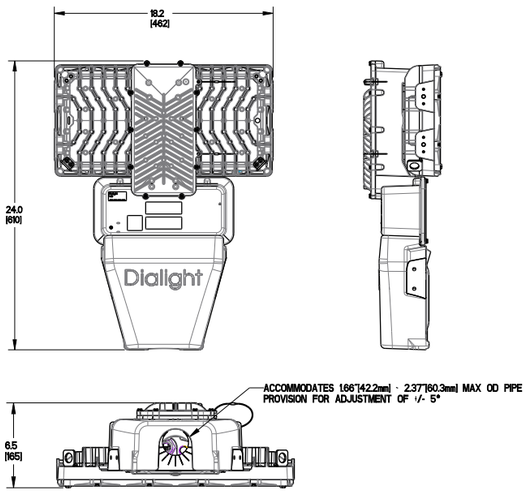
ProSite LED Streetlight - CE / RCM

Technical Specifications



Certifications & Ratings

- 10 year warranty
- CE / ENEC / RCM
- IP66/67
- IK10 - Polycarbonate optic/lens
- IK08 - Glass lens
- L70 > 150,000 hours @ 65°C ambient



Dimensions in inches [mm]

Mechanical Information:

Fixture weight:	11.0 - 17.6 kg
EPA (sq. m):	0.103
Mounting:	Cast aluminum mast arm bracket - suits 42.2-60.3mm OD pipe (-5°, 0°, +5° tilt settings) Slipfitter bracket (7.5° tilt adjustment, for vertical pole mount only)
Cable entry:	1 x M25

Electrical Specifications:

Operating voltage:	120-277VAC / 120-250VDC 277-480 VAC
Operating temp:	-40°C to +65°C
EMC:	CISPR 15 Harmonics: IEC 61000-3-2 Class C Flicker: IEC 61000-3-3 Immunity requirements for lighting: IEC 61547
Transient protection: Optional:	6kV/3kA Additional surge protection module rated for 10kA, 20kA single strike
THD:	< 20%
Power Factor:	> 0.9
Dimming:	DALI 1 and DALI 2 compatible / 0-10V DC
Auto switching:	NEMA 3-pin receptacle with shorting cap (photocell sold separately)

Construction:

Housing:	A360 Die-cast aluminum
Hardware:	316 stainless steel
Finish:	Superior epoxy and polyester dual coat finish
Lens:	Polycarbonate Glass

Photometric Information:

CCT:	5000K - 70 CRI 4000K - 70 CRI 2700K - 80 CRI 2200K - 80 CRI Amber
Beam pattern:	Type III Medium Type V

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

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.

ProSite LED Streetlight - CE / RCM

Australia & Asia Order Codes

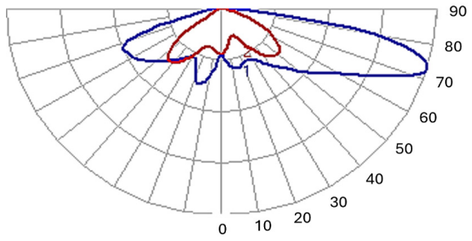


Industrial - CE / RCM						
Part Number	**Fixture Lumens**	**Wattage**	**lm/W**	**CCT/CRI**	**Lens**	**Beam Distribution**
12,000lm Models - 120-277VAC / 120-250VDC						
S1E-NQB2-BSTN-VGN	12,300	78	158	5000K 70 CRI	PC Optic	Type III
S1E-NQL2-BSTN-VGN	12,100	78	155	4000K 70 CRI	PC Optic	Type III
S1E-NQW2-BSTN-VGN	9,900	78	127	2700K 80 CRI	PC Optic	Type III
18,000lm Models - 120-277VAC / 120-250VDC						
S1E-NQB2-CSTN-VGN	18,100	124	146	5000K 70 CRI	PC Optic	Type III
S1E-NQL2-CSTN-VGN	17,700	124	143	4000K 70 CRI	PC Optic	Type III
S1E-NQW2-CSTN-VGN	14,500	124	117	2700K 80 CRI	PC Optic	Type III
24,000lm Models - 120-277VAC / 120-250VDC						
S1E-NQB2-ESTN-VGN	23,500	175	134	5000K 70 CRI	PC Optic	Type III
S1E-NQL2-ESTN-VGN	23,000	175	131	4000K 70 CRI	PC Optic	Type III
S1E-NQW2-ESTN-VGN	18,800	175	107	2700K 80 CRI	PC Optic	Type III
30,000lm Models - 120-277VAC / 120-250VDC						
S1E-NQB2-FSTN-VGN	29,400	234	126	5000K 70 CRI	PC Optic	Type III
S1E-NQL2-FSTN-VGN	28,800	234	123	4000K 70 CRI	PC Optic	Type III
S1E-NQW2-FSTN-VGN	23,500	234	100	2700K 80 CRI	PC Optic	Type III

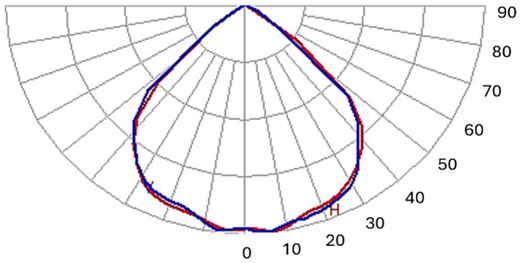
All values typical unless otherwise stated (tolerance +/-10%)
CCT - 2200k change 6th character to 'U'
Optic - Type V change 5th character to '6'
Lens - glass lens change 4th character to '7'.
Surge Protection - 10kA surge protection 120-277 VAC change 7th character to '8'.
Mounting Bracket - Mast arm bracket supplied as stanadrd. For adjustable slipfitter option, change 10th character to 'S'.

Beam Distribution

Type III Medium



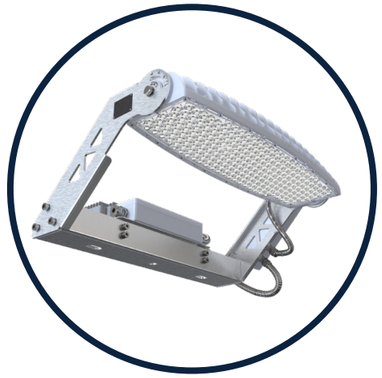
Type V



DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

DuroSite® LED High Output Floodlight

Technical Specifications - FA Models



Certifications & Ratings

- 5 year warranty
- CE / ENEC / RCM
- IP66
- IK10
- L70 > 125,000hrs @ 50°C ambient
- Vibration to ANSI C136.31

Mechanical Information:

Fixture weight:	23.0 kg (includes driver)
Shipping weight:	31.0 kg
EPA (m²):	0.125 (0°)/0.201 (90°)
Mounting:	316 stainless steel swivel bracket
Operating temp:	-40°C to +50°C
Cable entry:	1 x M25

Construction Information:

Housing:	A360 Die-cast aluminum
Hardware:	316 Stainless Steel
Finish:	Premium Epoxy Powder Coat
Lens:	PC Optic/Lens

Electrical Specifications - Driver: NFS-600S210BC

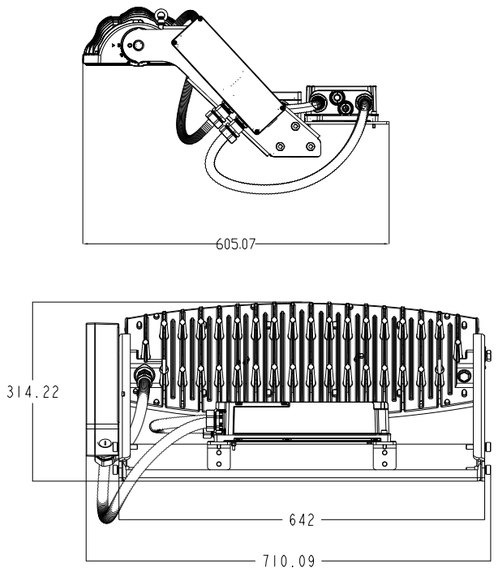
Operating voltage:	220-480-VAC, 50/60Hz
Maximum distance for remote driver applications:	100m
Driver Weight:	4.6 kg
Driver EMC:	EN IEC 55015:2019+A11 EN IEC 61547:2023 EN IEC 61000-3-2:2019+A1 EN 61000-3-3:2013+A1+A2
AC Surge Immunity:	20kV line-line & line-ground per IEC 61000-4-5
Output protection:	Light engine connections fitted with a 4kV (Uoc), 1.4kV (Up), IEC 61643-11 protection device
THD:	< 20%
Power Factor:	> 0.9

Photometric Information:

CRI:	70
CCT:	5000K (cool white) 4000K (neutral white) 2700K (warm white) 2200K (warm white)
Beam pattern:	Very Narrow - 10° Narrow - 20° Medium - 40° Asymmetric

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

FA Series

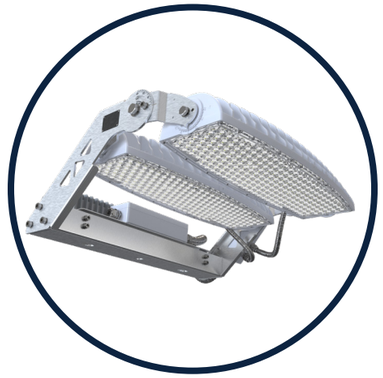


Dimensions in mm

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

DuroSite® LED High Output Floodlight

Technical Specifications - FB Models



Certifications & Ratings

- 5 year warranty
- CE / ENEC / RCM
- IP66
- IK10
- L70 > 125,000hrs @ 50°C ambient
- Vibration to ANSI C136.31

Mechanical Information:

Fixture weight:	35.6 kg (includes driver)
Shipping weight:	46.0 kg
EPA (m²):	0.134 (0°)/0.279 (90°)
Mounting:	316 stainless steel swivel bracket
Operating temp:	-40°C to +50°C
Cable entry:	1 x M25

Construction Information:

Housing:	A360 Die-cast aluminum
Hardware:	316 Stainless Steel
Finish:	Premium Epoxy Powder Coat
Lens:	PC Optic/Lens

Electrical Specifications - Driver: NFS-1K2D210BC

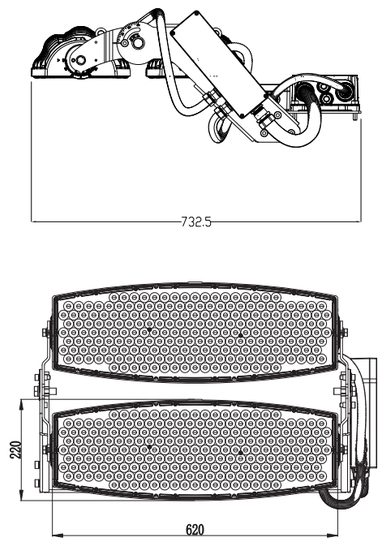
Operating voltage:	220-480-VAC, 50/60Hz
Maximum distance for remote driver applications:	100m
Driver Weight:	6.6 kg
Driver EMC:	EN IEC 55015:2019+A11 EN IEC 61547:2023 EN IEC 61000-3-2:2019+A1 EN 61000-3-3:2013+A1+A2
AC Surge Immunity:	20kV line-line & line-ground per IEC 61000-4-5
Output protection:	Light engine connections fitted with a 4kV (Uoc), 1.4kV (Up), IEC 61643-11 protection device
THD:	< 20%
Power Factor:	> 0.9

Photometric Information:

CRI:	70
CCT:	5000K (cool white) 4000K (neutral white) 2700K (warm white) 2200K (warm white)
Beam pattern:	Very Narrow - 10° Narrow - 20° Medium - 40° Asymmetric

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

FB Series



Dimensions in mm

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

DuroSite® LED High Output Floodlight

Ordering Information



Industrial - CE / RCM					
Part Number	**Fixture Lumens**	**Wattage**	**lm/W**	**CCT/CRI**	**Optic**
FA Models - 220-277VAC and 415-480VAC (2-phase)					
FAE-ABE1	90,000	600	150	5000K 70CRI	Asymmetric
FAE-ALE1	90,000	600	150	4000K 70 CRI	Asymmetric
FAE-AWE1	80,000	600	133	2700K 70 CRI	Asymmetric
FAE-AUE1	72,000	600	120	2200K 70 CRI	Asymmetric
FB Models - 220-277VAC					
FBE-ABE2	180,000	1,200	150	5000K 70CRI	Asymmetric
FBE-ALE2	**180,000**	**1,200**	**150**	**4000K 70 CRI**	**Asymmetric**
FBE-AWE2	**160,000**	**1,200**	**133**	**2700K 70 CRI**	**Asymmetric**
FBE-AUE2	145,000	1,200	121	2200K 70 CRI	Asymmetric
FB Models - 415-480VAC (2-phase)					
FBE-ABE4	180,000	1,200	150	5000K 70CRI	Asymmetric
FBE-ALE4	**180,000**	**1,200**	**150**	**4000K 70 CRI**	**Asymmetric**
FBE-AWE4	**160,000**	**1,200**	**133**	**2700K 70 CRI**	**Asymmetric**
FBE-AUE4	145,000	1,200	121	2200K 70 CRI	Asymmetric

All values typical unless otherwise stated (tolerance +/- 10%).
Part numbers listed in **bold** are typically available in stock. Other listed part numbers are made to order.

Replacements

FA Models	
Part Number	**Description**
ACSPD220-480V	AC surge protection system
FA-DCSPD	DC surge protection system
NFS-600S210BC	220-480VAC 600W Driver

FB Models	
Part Number	**Description**
ACSPD220-277V	AC surge protection system - 220-277VAC
ACSPD347-480V	AC surge protection system - 347-480VAC
FB-DCSPD	DC surge protection system - FB Models
NFS-1K2D210BC	220-480VAC 1200W Driver

Accessories



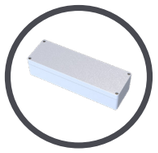
H6XCAB72[1]

- 72” stainless steel safety rope
- Kit includes: (1) cable

FA and FB models require 2 cables per unit



AC SPD



DC SPD

DISCLAIMER. All product information provided is, to the best of Dialight’s knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

Lumen Table

Wattage	Optic	5000K	4000K	2700K	2200K
600	10°	80,000	80,000	72,000	65,000
	20°	85,000	85,000	80,000	68,000
	40°	85,000	85,000	80,000	68,000
	Asymmetric	90,000	90,000	80,000	72,000
1200	10°	160,000	160,000	140,000	127,000
	20°	170,000	170,000	157,000	134,000
	40°	170,000	170,000	157,000	134,000
	Asymmetric	180,000	180,000	160,000	145,000

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

Inrush Current

FA Models - 600W			
VAC	**230**	**240**	**415**
Peak inrush current (A)	9.1	9.5	15.4
Duration, T50 (ms)	5.4	5.4	6.4
FB Models - 1200W			
VAC	**230**	**240**	**415**
Peak inrush current (A)	9.7	10.1	14.2
Duration, T50 (ms)	5.4	5.4	6.4

Circuit Breaker

230 VAC			
Wattage	**16 Amp**	**20 Amp**	**32 Amp**
600	4	5	8
1,200	2	2	4
240 VAC			
Wattage	**16 Amp**	**20 Amp**	**32 Amp**
600	4	5	8
1,200	2	2	4
415 VAC			
Wattage	**16 Amp**	**20 Amp**	**32 Amp**
600	7	9	14
1,200	3	4	7

Type C breakers are recommended.
These tables are based on steady-state input current and nominal breaker current ratings @ 80% derating.

Earth Leakage

Earth Leakage Current (mA)	FA Models	FB Models
230VAC/50Hz	0.60	0.94
240VAC/50Hz	0.62	0.97
415VAC/50Hz	0.62	0.97

DISCLAIMER. All product information provided is, to the best of Dialight’s knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

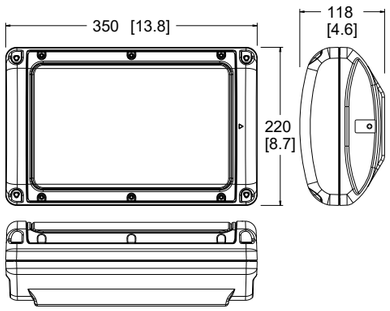
Vigilant® LED Bulkhead

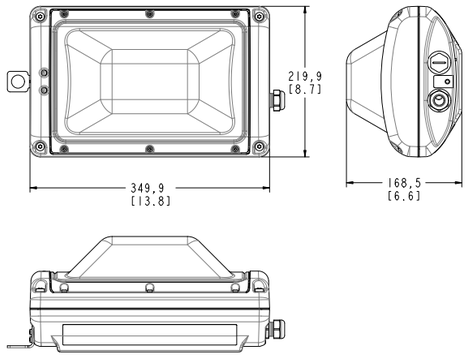
Technical Specifications



Certifications & Ratings

- 10 year warranty (excluding batteries)
- CE / RCM
- IP66/67
- DNV
- IK10
- L70 > 150,000 hours @ 65°C (149°F) ambient





Dimensions in mm (inches)

Mechanical Information:

Fixture weights:
Standard models: 6.8 kg (15.0 lb)
Battery backup models: 7.7 kg (17.0 lb)

Shipping weights:
Standard models: 7.3 kg (16.1 lb)
Battery backup models: 8.4 kg (18.5 lb)

Cable entry: (2) M20 - optional (4) M20

Materials:

Housing: A360 Die-cast aluminium

Finish: Superior dual coat finish
- Sealed polyester topcoat
- Epoxy primer

Lens: Polycarbonate clear
Polycarbonate diffused (optional)
Polycarbonate domed diffused

Hardware: 316 Stainless Steel

Electrical Specifications:

Operating voltage:
Standard models: 100-277 VAC / 120-250 VDC
Battery backup models: 110/120 VAC, 230/240 VAC

Operating temperature:
Standard models: -40°C to +65°C (-40°F to +149°F)
Battery backup models: -20°C to +55°C (-4°F to +131°F)

Surge protection: 6kV/3kA, 1.2/50, 8/20us
Combination Wave
Line-line and line-ground

THD: < 18%

Power factor: > 0.9

Dimming: DALI 1.0 and 2.0
0-10 VDC continuous dimming to <10%

Battery Backup Models: (integral battery)

Battery duration* (circular optic, clear lens):
6.5k lumen outputs: 180 mins ~ 900 lm
90 mins ~ 1100 lm
60 mins ~ 1140 lm
3k lumen outputs: 180 mins ~ 800 lm
90 mins ~ 1100 lm
60 mins ~ 1140 lm

Photometric Information:

Lumen output*: 3,000 & 6,500 lm (white light)

CRI: > 80 (white light)

CCT: 5000K (cool white)
4000K (neutral white)
2700K (warm white)
Amber (Wildlife-Friendly)
Green (Shower-Safe/Eye-Wash station)

All values typical unless otherwise stated (tolerance +/- 10%)
* @ 25°C ambient

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.

Ordering Information

Vigilant® LED Bulkhead



Part Number	Fixture Lumens	Wattage	lm/W	Voltage	CCT	Lens	Beam Distribution
Standard Models with Flush Bracket							
BHE-4BN2-3NFN-VGN	3,200	22	149	100-277VAC / 120-250VDC	4000K (Neutral White)	Clear Polycarbonate	Circular
BHE-4BN2-6NFN-VGN	6,700	45	149	100-277VAC / 120-250VDC	4000K (Neutral White)	Clear Polycarbonate	Circular
BHE-4UN2-3NFN-VGN	3,100	22	144	100-277VAC / 120-250VDC	4000K (Neutral White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHE-4UN2-6NFN-VGN	6,400	45	142	100-277VAC / 120-250VDC	4000K (Neutral White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHE-4BC2-3NFN-VGN	3,200	22	149	100-277VAC / 120-250VDC	5000K (Cool White)	Clear Polycarbonate	Circular
BHE-4BC2-6NFN-VGN	6,700	45	149	100-277VAC / 120-250VDC	5000K (Cool White)	Clear Polycarbonate	Circular
BHE-4UC2-3NFN-VGN	3,100	22	144	100-277VAC / 120-250VDC	5000K (Cool White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHE-4UC2-6NFN-VGN	6,400	45	142	100-277VAC / 120-250VDC	5000K (Cool White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHE-4UW2-6NFN-VGN	5,800	45	129	100-277VAC / 120-250VDC	2700K (Warm White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHE-4BW2-6NFN-VGN	6000	45	133	100-277 VAC / 120-250 VDC	2700K (Warm White)	Clear Polycarbonate	360° type V
BHE-4UWG-6NFN-VGF	5800	48	121	230/240 VAC	2700K (Warm White)	Clear Polycarbonate	Ultra Wide (Type I)
BHE-4BWG-6NFN-VGF	6000	48	125	230/240 VAC	2700K (Warm White)	Clear Polycarbonate	360° type V
Amber (Wildlife-Friendly)							
BHE-4BA2-3NFN-VGN	2,300	24	96	100-277VAC / 120-250VDC	Amber	Clear Polycarbonate	Circular
BHE-4BA2-5NFN-VGN	4,200	46	91	100-277VAC / 120-250VDC	Amber	Clear Polycarbonate	Circular

All values typical unless otherwise stated (tolerance +/- 10%).
Part numbers listed in **bold** are typically available in stock.
For 2700k (warm white) CCT, please contact your local representative for more information.

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

Ordering Information

Vigilant® LED Bulkhead



Part Number	Fixture Lumens	Wattage	lm/W	Voltage	CCT	Lens	Beam Distribution
Battery Backup Models with Flush Bracket							
BHE-4BNG-3NFN-VGF	3,200	25	128	230-240VAC	4000K (Neutral White)	Clear Polycarbonate	Circular
BHE-4BNG-6NFN-VGF	6,700	48	140	230-240VAC	4000K (Neutral White)	Clear Polycarbonate	Circular
BHE-4UNG-3NFN-VGF	3,100	25	124	230-240VAC	4000K (Neutral White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHE-4UNG-6NFN-VGF	6,400	48	133	230-240VAC	4000K (Neutral White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHE-4BCG-3NFN-VGF	3,200	25	128	230-240VAC	5000K (Cool White)	Clear Polycarbonate	Circular
BHE-4BCG-6NFN-VGF	6,700	48	140	230-240VAC	5000K (Cool White)	Clear Polycarbonate	Circular
BHE-4UCG-3NFN-VGF	3,100	25	124	230-240VAC	5000K (Cool White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHE-4UCG-6NFN-VGF	6,400	48	133	230-240VAC	5000K (Cool White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHE-4UWG-6NFN-VGF	5,800	48	121	230-240VAC	2700K (Warm White)	Clear Polycarbonate	Ultra Wide (Type I)
BHE-4BWG-6NFN-VGF	6,000	48	125	230-240VAC	2700K (Warm White)	Clear Polycarbonate	(360° type V)
Amber (Wildlife-Friendly)							
BHE-4BAG-3NFN-VGF	2,300	27	85	230-240VAC	Amber	Clear Polycarbonate	Circular
BHE-4BAG-5NFN-VGF	4,200	49	86	230-240VAC	Amber	Clear Polycarbonate	Circular
Green: (Shower-Safe/Eye-Wash station)							
BHE-6BGG-3NFN-VGG	2,600	33	79	230-240VAC	Green	Domed Diffused	Circular

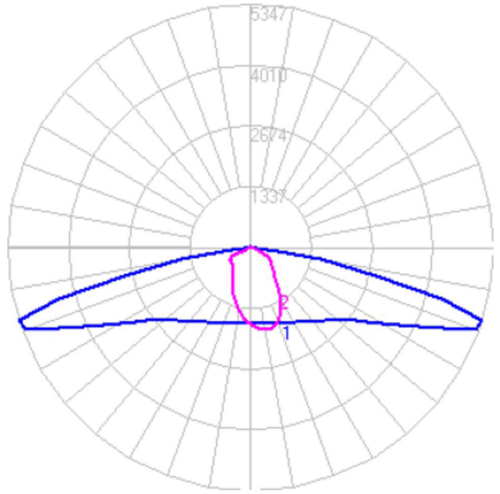
All values typical unless otherwise stated (tolerance +/- 10%).
Part numbers listed in **bold** are typically available in stock.
For 2700k (warm white) CCT, please contact your local representative for more information.

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.

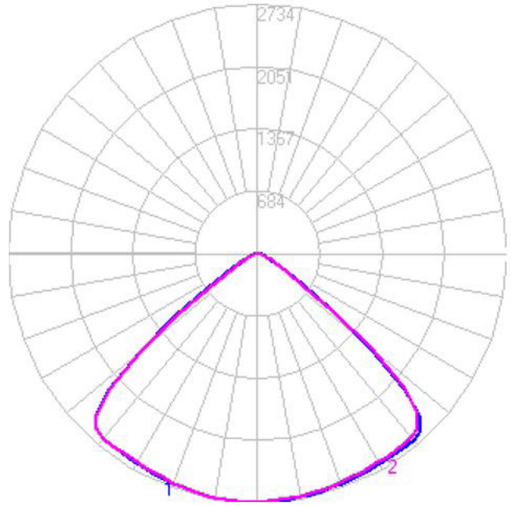
Vigilant® LED Bulkhead

Beam Distribution

Ultra-Wide Walkway (Type 1)



Circular



DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

Vigilant® LED Bulkhead / Conveyor Light

Pole Mount Model



Certifications & Ratings

- 10 year warranty (excluding batteries)
- CE / RCM
- IP66/67
- DNV
- IK10
- L70 > 150,000 hours @ 65°C (149°F) ambient

Dimensions in mm (inches)

Mechanical Information:

Fixture weights:
Standard models: 7.9 kg (17.4 lb)
Battery backup models: 8.8 kg (19.4 lb)

Shipping weights:
Standard models: 8.4 kg (18.5 lb)
Battery backup models: 9.3 kg (20.5 lb)

Cable entry: (1) M25

Spigot entry size: 35mm ID
optional 44mm ID

Materials:

Housing: A360 Die-cast aluminium

Finish: Superior dual coat finish
- Sealed polyester topcoat
- Epoxy primer

Lens: Polycarbonate clear
Polycarbonate diffused (optional)
Polycarbonate domed diffused

Hardware: 316 Stainless Steel

Electrical Specifications:

Operating voltage:
Standard models: 100-277 VAC / 120-250 VDC
Battery backup models: 110/120 VAC, 230/240 VAC

Operating temperature:
Standard models: -40°C to +65°C (-40°F to +149°F)
Battery backup models: -20°C to +55°C (-4°F to +131°F)

Surge protection: 6kV/3kA, 1.2/50, 8/20us
Combination Wave
Line-line and line-ground

THD: < 18%

Power factor: > 0.9

Dimming: DALI 1.0 and 2.0
0-10 VDC continuous dimming to <10%

Battery Backup Models: (integral battery)

Battery duration* (circular optic, clear lens):
6.5k lumen outputs: 180 mins ~ 900 lm
90 mins ~ 1100 lm
60 mins ~ 1140 lm
3k lumen outputs: 180 mins ~ 800 lm
90 mins ~ 1100 lm
60 mins ~ 1140 lm

Photometric Information:

Lumen output*: 3,000 & 6,500 lm (white light)

CRI: > 80 (white light)

CCT: 5000K (cool white)
4000K (neutral white)
2700K (warm white)
Amber (Wildlife-Friendly)
Green (Shower-Safe/Eye-Wash station)

All values typical unless otherwise stated (tolerance +/- 10%)
* @ 25°C ambient

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.

Ordering Information

Vigilant® LED Bulkhead / Conveyor Light - Pole Mount Model



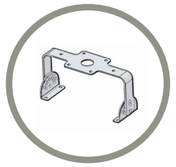
Part Number	Fixture Lumens	Wattage	lm/W	Voltage	CCT	Lens	Beam Distribution
Pole Mount Models							
BPE-4BN2-3NNN-VGN	3,200	22	149	100-277VAC / 120-250VDC	4000K	Clear Polycarbonate	Circular
BPE-4BN2-6NNN-VGN	6,700	45	149	100-277VAC / 120-250VDC	4000K	Clear Polycarbonate	Circular
BPE-4UN2-3NNN-VGN	3,100	22	144	100-277VAC / 120-250VDC	4000K	Clear Polycarbonate	Ultra-Wide (Type 1)
BPE-4UN2-6NNN-VGN	6,400	45	142	100-277VAC / 120-250VDC	4000K	Clear Polycarbonate	Ultra-Wide (Type 1)
BPE-4BC2-3NNN-VGN	3,200	22	149	100-277VAC / 120-250VDC	5000K	Clear Polycarbonate	Circular
BPE-4BC2-6NNN-VGN	6,700	45	149	100-277VAC / 120-250VDC	5000K	Clear Polycarbonate	Circular
BPE-4UC2-3NNN-VGN	3,100	22	144	100-277VAC / 120-250VDC	5000K	Clear Polycarbonate	Ultra-Wide (Type 1)
BPE-4UC2-6NNN-VGN	6,400	45	142	100-277VAC / 120-250VDC	5000K	Clear Polycarbonate	Ultra-Wide (Type 1)
BPE-4UW2-6NNN-VGN	5,800	45	129	100-277VAC / 120-250VDC	2700K	Clear Polycarbonate	Ultra-Wide (Type 1)
BPE-4BW2-6NNN-VGN	6000	45	133	100-277 VAC,120-250 VDC	2700K	Clear Polycarbonate	Circular
Amber (Wildlife-Friendly)							
BPE-4BA2-3NNN-VGN	2,300	24	96	100-277VAC / 120-250VDC	Amber	Clear Polycarbonate	Circular
BPE-4BA2-5NNN-VGN	4,200	46	91	100-277VAC / 120-250VDC	Amber	Clear Polycarbonate	Circular
BPE-4UA2-3NNN-VGN	2,100	24	88	100-277VAC / 120-250VDC	Amber	Clear Polycarbonate	Ultra-Wide (Type 1)
BPE-4UA2-5NNN-VGN	3,900	46	85	100-277VAC / 120-250VDC	Amber	Clear Polycarbonate	Ultra-Wide (Type 1)
Pole Mount Battery Backup Models							
BPE-4BNG-3NNN-VGF	3,200	25	128	230-240VAC	4000K	Clear Polycarbonate	Circular
BPE-4BNG-6NNN-VGF	6,700	48	140	230-240VAC	4000K	Clear Polycarbonate	Circular
BPE-4UNG-3NNN-VGF	3,100	25	124	230-240VAC	4000K	Clear Polycarbonate	Ultra-Wide (Type 1)
BPE-4UNG-6NNN-VGF	6,400	48	133	230-240VAC	4000K	Clear Polycarbonate	Ultra-Wide (Type 1)
BPE-4BCG-3NNN-VGF	3,200	25	128	230-240VAC	5000K	Clear Polycarbonate	Circular
BPE-4BCG-6NNN-VGF	6,700	48	140	230-240VAC	5000K	Clear Polycarbonate	Circular
BPE-4UCG-3NNN-VGF	3,100	25	124	230-240VAC	5000K	Clear Polycarbonate	Ultra-Wide (Type 1)
BPE-4UCG-6NNN-VGF	6,400	48	133	230-240VAC	5000K	Clear Polycarbonate	Ultra-Wide (Type 1)
BPE-4UWG-6NNN-VGF	5,800	48	121	230-240VAC	2700K	Clear Polycarbonate	Ultra-Wide (Type 1)
BPE-4BWG-6NNN-VGF	6000	48	125	230/240 VAC	2700K	Clear Polycarbonate	Circular
Amber (Wildlife-Friendly)							
BPE-4BAG-3NNN-VGF	2,300	27	85	230-240VAC	Amber	Clear Polycarbonate	Circular
BPE-4BAG-5NNN-VGF	4,200	49	86	230-240VAC	Amber	Clear Polycarbonate	Circular
BPE-4UAG-3NNN-VGF	2,100	27	78	230-240VAC	Amber	Clear Polycarbonate	Ultra-Wide (Type 1)
BPE-4UAG-5NNN-VGF	3,900	49	80	230-240VAC	Amber	Clear Polycarbonate	Ultra-Wide (Type 1)
Green: (Shower-Safe/Eye-Wash station)							
BPE-6BGG-3NNN-VGG	2,600	33	79	230-240VAC	Green	Domed Diffused	Circular

All values typical unless otherwise stated (tolerance +/- 10%).
Part numbers listed in **bold** are typically available in stock.
For 2700k (warm white) CCT, please contact your local representative for more information.
44mm spigot entry models available.

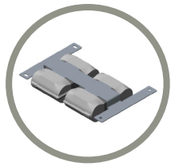
DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

Vigilant® LED Bulkhead

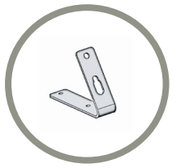
Accessories



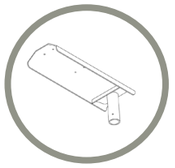
BH-BRKT-SS-ADJ
- 316 stainless steel adjustable bracket kit



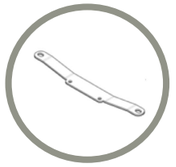
BHBATTKIT
- Replacement battery kit



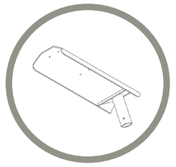
BH-BRKT-A-KIT
- 316 stainless steel wall/ ceiling flush mount bracket kit



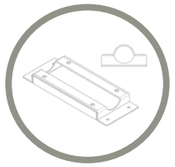
BH-STMB-05-10-HD
- Aluminium stanchion mount, 5° up-tilt - 50mm pole



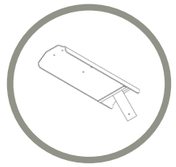
BH-BRKT-F-KIT
- 316 stainless steel wall/ ceiling flush mount bracket kit



BH-STMB-25-10-HD
- Aluminium stanchion mount, 25° up-tilt - 50mm pole



BH-BRKT-LG-PF
- Aluminium pipe mount bracket kit - 50mm



BH-STMB-45-10-HD
- Aluminium stanchion mount, 45° up-tilt - 50mm pole



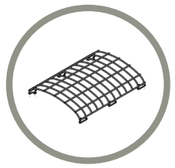
BP-SB-SS
- Safety lanyard tab kit, suit BPx Pole type Bulkheads, 316ss
- Safety retention bracket kit includes: 72" stainless steel safety rope



HZX-SPIGOT-34
- Aluminium wall mount spigot plate - 34mm



H6XCAB72
- 72" stainless steel safety rope
- Kit includes: (1) cable



BH-WG-KIT
- Stainless steel wire guard kit

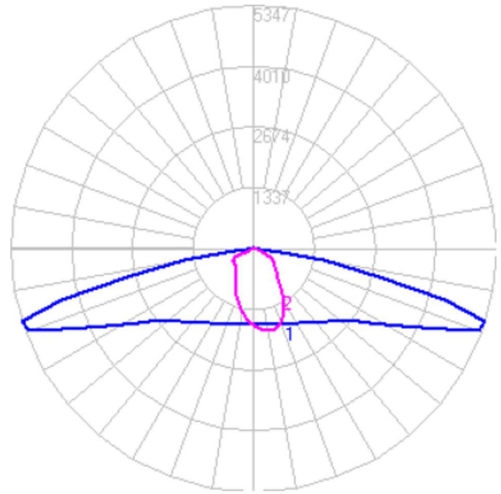
Replacement parts available. Please contact a Dialight sales representative or see spec sheet.

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

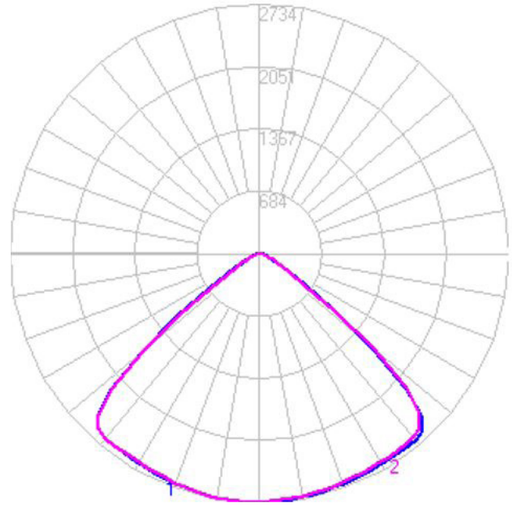
Vigilant® LED Bulkhead

Beam Distribution

Ultra-Wide Walkway (Type 1)



Circular



DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

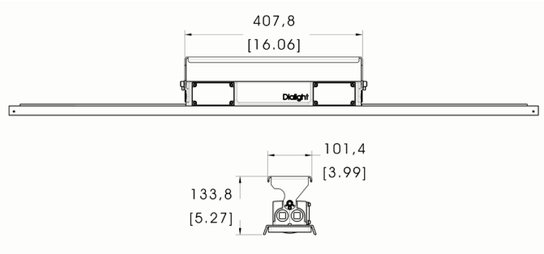
DuroSite® LED Linear

Technical Specifications



Certifications & Ratings

- CE
  EN 55015
  EN 61547
  EN 60598-1
  EN 61000-3-2
  EN 62031
  EN 62471
- IP66/67
- IK09 to IEC 62262



Dimensions in mm [inches]

Mechanical Information:

Fixture weight: 5.9 kg (13 lb) - 1.2m (4')
4.5 kg (10 lb) - 0.6m (2')

Shipping weight: 8.2 kg (18 lbs) - 1.2m (4')
6.8 kg (15 lb) - 0.6m (2')

Mounting: (4) M25 openings
Factory-installed 316 stainless steel swivel bracket - LPXW4

Electrical Specifications:

Operating voltage: 100-277 VAC, 50/60Hz

Total system power consumption: See table

Operating temperature: -40°C to +65°C

Noise requirements/ EMC: EN 55015 - conducted and radiated
EN 61000-3-2, EN 61000-4-2,
EN 61000-4-3, EN 61000-4-4
EN 61000-4-6. EN 61000-4-11

Transient protection: EN61000-4-5
4 kV line-to-line
4 kV line-to-ground

THD: < 20%

Power factor: > 0.9

Construction:

Housing: Copper-free aluminium

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

Lens: Polycarbonate

Photometric Information:

CRI: 80

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

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

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.

DuroSite® LED Linear

Australia & Asia Order Codes

Part Number	Fixture Lumens	Wattage	lm/W	Voltage	Colour Temperature (CCT)	Lens	Beam Distribution
LPE3N4B2W	3,300	33	100	100-277 VAC	4000K (Neutral White)	Diffused polycarbonate	Medium
LPE3N4H2W	6,700	66	102	100-277 VAC	4000K (Neutral White)	Diffused polycarbonate	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 5th character with a **C**.
Historical part number provided for reference only. For performance characteristics of historical product, please contact your local representative.



LPXW4LP

- 316 stainless steel low profile mounting bracket, can be angled at 0° and 15°



LPXW4 (included)

- 316 stainless steel mounting bracket, can be angled at 0°, 30°, 45°, 60°, & 90°



LTXENDCAPKIT

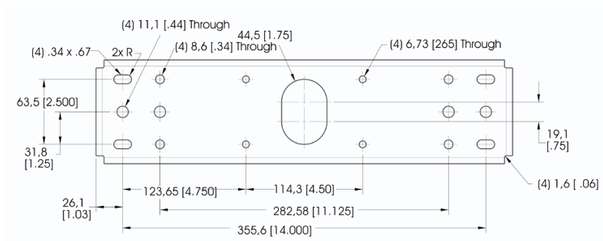
- 304 stainless steel chain mount and secondary retention bracket



LTXSAFEKIT

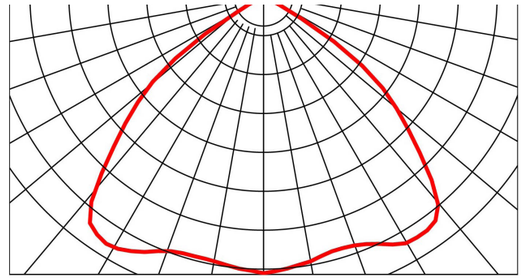
- 304 stainless steel safety cable kit for secondary retention

LPXW4 Mounting Bracket Dimensions



Dimension are in mm [inches]

Circular Pattern



DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

Vigilant® LED Area Light - CE

Technical Specifications



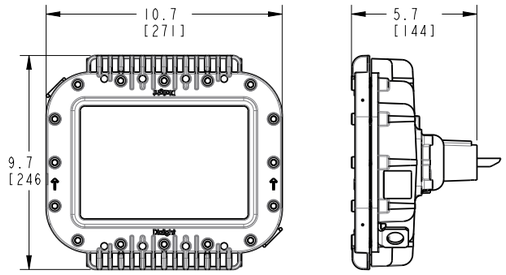


Certifications & Ratings*

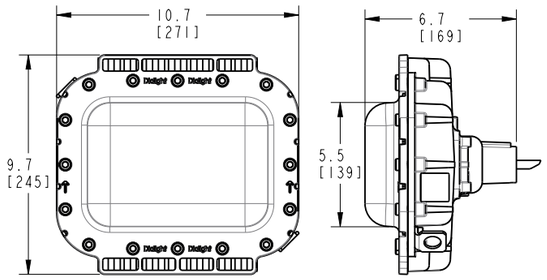
- 10 year warranty
- L70 > 150,000 hours @ 65°C
- RCM / CE / ENEC
- IP66 / 67
- IK07 (glass lens) / IK10 (polycarbonate lens)
- 0-10V dimming as standard

*All features not available on every model. Please refer to product part number pages for model specifics.

Tempered Glass Lens



Polycarbonate Lens



Dimensions in inches [mm]

Mechanical Information:

Fixture weight:	4.5 kg (10 lb) - Polycarbonate lens 5.5 kg (12 lb) - Tempered glass lens
Shipping weight:	5.41 kg (12 lb) - Polycarbonate lens 6.41 kg (14 lb) - Tempered glass lens
Impact rating:	IK10 - Polycarbonate lens IK07 - Tempered glass lens
Mounting:	Stainless steel, wall and pole mounting bracket options
Cabling:	Wall: (4) M25
Terminals:	Stanchion, wall: 0.5-4mm² x 5

Electrical Specifications:

Operating voltage:	120-277 VAC 50/60Hz, 120-250 VDC
Operating temperature:	-40°C to +65°C (-40°F to +149°F)
EMC:	FCC Title 47, Subpart B, Section 15, Class A device RF Immunity 20V/m 80MHz-1GHz.
Transient protection:	6kV / 3kA combination wave, as per IEEE C62.41, line-line and line-ground
Harmonics:	IEC 61000-3-2, Class C
THD:	< 20%
Power factor:	> 0.9

Construction:

Housing:	Copper-free aluminum
Finish:	Superior dual coat finish - Sealed polyester topcoat - Epoxy primer
Lens:	Hard-coated polycarbonate Tempered glass

Photometric Information:

CRI:	80
CCT:	5000K (cool white) 4000K (neutral white) 2700K (warm white)
Optics:	360° 180° forward throw for 45° mounting Wide for 0° mounting

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

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.

Vigilant® LED Area Light - CE

Australia Order Codes

Current Part Number	Fixture Lumens	Wattage	lm/W	Voltage	Colour Temperature (CCT)	Lens	Beam Distribution	Mounting Options
CE - 4000K Models								
ALE5BN27DBWMGN	6,500	52	125	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Polycarbonate	360°	316 stainless steel adjustable bracket
ALE5BN27DWNUGN	6,500	52	125	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Polycarbonate	360°	45° wall mount
ALE5BN27DSNUGN	6,500	52	125	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Polycarbonate	360°	45° stanchion mount
ALE7BN29DBWMGN	8,800	66	123	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Glass	360°	316 stainless steel adjustable bracket
CE - 2700K Models								
ALE5BW27DWNUGN	6,100	52	117	100-277 VAC, 120-250 VDC	2700K (Warm White)	Polycarbonate	360°	316 stainless steel adjustable bracket

All values typical unless otherwise stated (tolerance +/- 10%).
Part numbers listed in **bold** are typically available in stock.

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

Vigilant® LED Area Light - UL

Technical Specifications



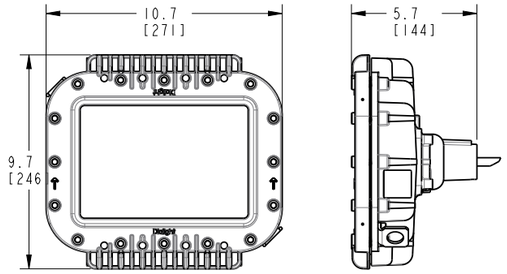


Certifications & Ratings*

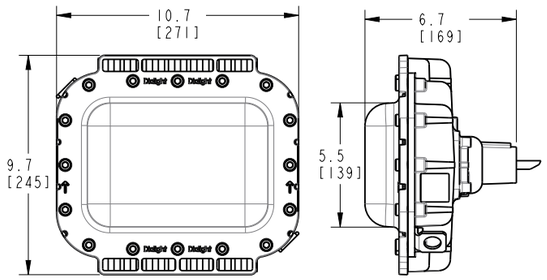
- 10 year warranty
- L70 > 150,000 hours @ 65°C
- UL 1598/A
- CSA C22.2 No. 250
- NOM
- IP66 / 67 / 69
- NEMA 4X
- Factory sealed

*ETL listed

Tempered Glass Lens



Polycarbonate Lens



Dimensions in inches [mm]

Mechanical Information:

Fixture weight:	4.5 kg (10 lb) - Polycarbonate lens 5.5 kg (12 lb) - Tempered glass lens
with stainless steel bracket:	5.9 kg (13 lb) - Polycarbonate lens 6.8 kg (15 lb) - Tempered glass lens
Shipping weight:	5.41 kg (12 lb) - Polycarbonate lens 6.41 kg (14 lb) - Tempered glass lens
with stainless steel bracket:	6.81 kg (15 lb) - Polycarbonate lens 7.71 kg (17 lb) - Tempered glass lens
Impact rating:	IK10 - Polycarbonate lens IK07 - Tempered glass lens
Cabling:	10' STOOW 1.02 mm 18 AWG

Electrical Specifications:

Operating voltage:	100-277 VAC 50/60Hz, 120-250 VDC 24-48 VDC
Operating temperature:	-40°F to +149°F (-40°C to +65°C)
EMC:	FCC Title 47, Subpart B, Section 15, Class A device RF Immunity 20V/m 80MHz-1GHz.
Transient protection:	6 kV, 2 Ohm line-line and line-ground
Harmonics:	IEC 61000-3-2, Class C
THD:	< 20%
Power factor:	> 0.9

Construction:

Housing:	Copper-free aluminum
Finish:	Superior dual coat finish - Sealed polyester topcoat - Epoxy primer
Lens:	Hard-coated polycarbonate Tempered glass

Photometric Information:

CRI:	80
CCT:	5000K (cool white) 4000K (neutral white)
Optics:	360° 180° forward throw for 45° mounting Wide for 0° mounting

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

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.

Vigilant® LED Area Light - UL

Asia Order Codes & Beam Distribution

Current Part Number	Fixture Lumens	Wattage	lm/W	Voltage	Colour Temperature (CCT)	Lens	Beam Distribution	Mounting Options
UL - 4000K Models								
ALU5BN23DBWNGN	2,700	24	112.5	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Polycarbonate	360°	Stainless steel adjustable bracket
ALU5BN27DBWNGN	6,500	52	125	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Polycarbonate	360°	Stainless steel adjustable bracket
ALU7BN29DBWNGN	8,800	66	133	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Glass	360°	Stainless steel adjustable bracket
ALU5AN27DVNNGN	6,400	52	123	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Polycarbonate	180°	Wall mount
ALU5BN27DVNNGN	6,500	52	125	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Polycarbonate	360°	Wall mount
ALU5WN27DVNNGN	6,500	52	125	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Polycarbonate	Wide	Wall mount
ALU5BN27DWNUGN	6,500	52	125	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Polycarbonate	360°	Wall mount 45°
ALU5BN29DWNUGN	8,100	66	123	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Polycarbonate	360°	Wall mount 45°

All values typical unless otherwise stated (tolerance +/- 10%).
Part numbers listed in **bold** are typically available in stock.
2700k warm white models available, please contact your local representative.
5000K cool white models available, please contact your local representative.

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

Vigilant® LED Area Light - CE / UL

Accessories



HBXCAB48
- Safety cable kit



Certified to: UL 50E • CSA C22.2 No. 94.2-07

HZXSTAN100S
- 1.00" (1.315" Pole OD) Slip-fit stanchion mount

HZXSTAN125S
- 1.25" (1.660" Pole OD) Slip-fit stanchion mount



HZXSTAN150S
- 1.50" (1.900" Pole OD) Slip-fit stanchion mount

HZXSTAN200S
- 2.00" (2.375" Pole OD) Slip-fit stanchion mount

HZXSTAN100T
- 1.00" (1.315" Pole OD) NPT threaded stanchion mount

HZXSTAN125T
- 1.25" (1.660" Pole OD) NPT threaded stanchion mount

HZXSTAN150T
- 1.50" (1.900" Pole OD) NPT threaded stanchion mount

HZXSTAN200T
- 2.00" (2.375" Pole OD) NPT threaded stanchion mount



HZXW3
- 316 stainless steel bracket

HZXW7
- Aluminum bracket



HZXW4
- 316 stainless steel bracket with pipe clamp

HZXW8
- Aluminum bracket with pipe clamp



Certified to: UL 50E • CSA C22.2 No. 94.2-07

HZXJB075
- 0.75" Ceiling / Wall / Pole mount junction box

HZXJB100
- 1.00" Ceiling / Wall / Pole mount junction box

HZXJB125
- 1.25" Ceiling / Wall / Pole mount junction box

HZXJB150
- 1.50" Ceiling / Wall / Pole mount junction box



Certified to: UL 50E • UL 1203
ISA 12.12.01 • CSA C22.2 No. 94.2-07

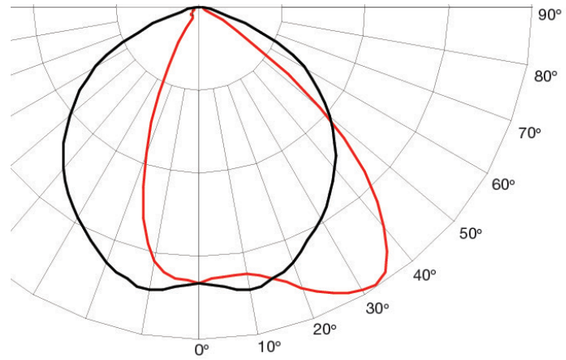
HBXC1
- 0.75" NPT Ceiling mount

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

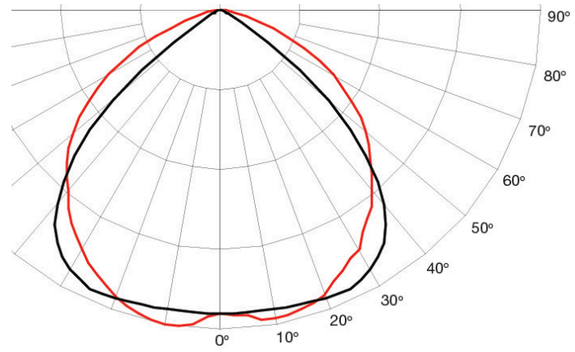
Vigilant® LED Area Light - CE / UL

Beam Distribution

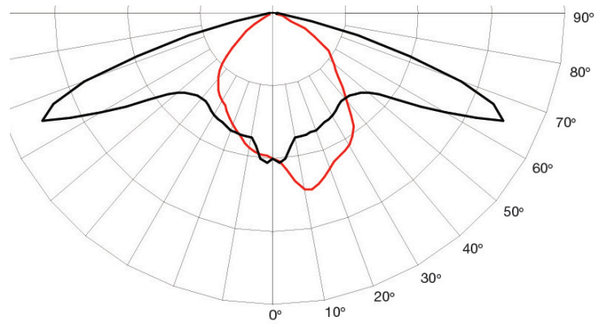
180° Beam Angle



360° Beam Angle



Wide Beam Angle



DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

SafeSite® LED High Bay - ATEX / IECEx & Hydrogen

Standard Models



Patent pending

Certifications & Ratings (All Models)

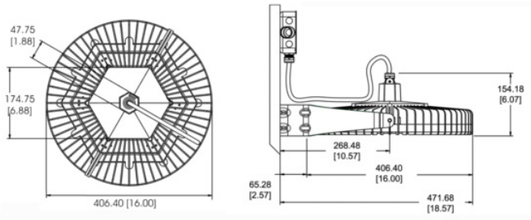
- ATEX / IECEx Zones 1, 21
- ATEX / IECEx Zones 2, 22
- CE
- IP66
- RoHS compliant

Certifications & Ratings (IIB Models)

- Ex II 2 GB
- Ex db eb op is IIB T5 Gb
  Ex tb op is 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)

Mechanical Information:

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

Shipping weight:
Standard Models: 15.01 kg (33 lb)
Junction Box Models: 16.41 kg (36 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

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%)

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.

SafeSite® LED High Bay - ATEX / IECEx & Hydrogen

Australia & Asia Order Codes

Current Part Number	Fixture Lumens	Wattage @ 240VAC	lm/W	Voltage	Colour Temperature (CCT)	Lens	Beam Distribution
IECEx Standard Cabled Models							
HEA7MN2ANA-WNGN	10,950	80	136	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Clear Tempered Glass	Medium
HEA7MN2CNA-WNGN	18,600	130	137	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Clear Tempered Glass	Medium
HEA7MN2ENA-WNGN	25,900	185	141	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Clear Tempered Glass	Medium
IECEx Standard Junction Box Models							
HWA7MN2AAA-NNGN	10,950	80	137	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Clear Tempered Glass	Medium
HWA7MN2BAA-NNGN	14,000	100	140	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Clear Tempered Glass	Medium
HWA7MN2CAA-NNGN	18,600	130	143	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Clear Tempered Glass	Medium
HWA7MN2EAA-NNGN	25,900	185	140	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Clear Tempered Glass	Medium
IECEx Hydrogen Area Junction Box Models							
HWH7MN2AAA-NNGN	10,950	80	137	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Clear Tempered Glass	Medium
HWH7MN2BAA-NNGN	14,000	100	140	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Clear Tempered Glass	Medium
HWH7MN2CAA-NNGN	18,600	130	143	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Clear Tempered Glass	Medium
HWH7MN2EAA-NNGN	25,900	185	140	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Clear Tempered Glass	Medium
CID2 Standard Cabled Models							
VED7MN2ADN-WNGN	11,000	65	170	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Clear Tempered Glass	Medium
VED7MN2BDN-WNGN	13,600	80	170	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Clear Tempered Glass	Medium
VED7MN2CDN-WNGN	17,300	96	181	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Clear Tempered Glass	Medium
VED7MN2EDN-WNGN	23,800	140	170	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Clear Tempered Glass	Medium
VCD5MN2ANN-WNGN	10,250	65	158	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Polycarbonate - Diffused	Medium
VCD5MN2BNN-WNGN	12,700	80	159	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Polycarbonate - Diffused	Medium
VCD5MN2CNN-WNGN	16,100	96	168	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Polycarbonate - Diffused	Medium
VCD5MN2ENN-WNGN	22,200	140	159	100-277 VAC, 120-250 VDC	4000K (Neutral White)	Polycarbonate - Diffused	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**.



HBXW3-SSL-316M

- 316 stainless steel bracket



HBXW3

- Aluminium swivel bracket (included with fixture)

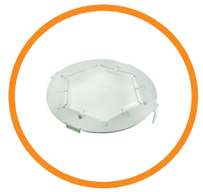


HBXSBDK

- Sand blast kit (dome lens)

HBXSBDL

- Sacrificial dome lens



HBXSBK

- Sand blast kit (flat lens)

HBXSBL

- Sacrificial flat lens

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

ProSite LED Floodlight - Hazardous

F1 Models



Certifications & Ratings

- 10 year warranty
- ATEX/IECEx Zone 2, 21 & 22
  - Ex ec IIC T4 Gc
  - Ex tb IIIC T125°C Db
  - ETL25ATEX0528X
  - ETL25ATEX0529X
  - IECEx ETL 22.0001X
- IP66/67
- DNV TAE00004GM
- IK08 - Glass lens
- L70 > 150,000 hours @ 65°C ambient
- Vibration - Lloyd's test 1

Mechanical Information:

Fixture weight:	13.8 - 20.4 kg
EPA (m^2):	0.186
Cable entry:	2 x M25

Electrical Specifications:

Operating voltage:	120-277 VAC / 120-250 VDC 277-480 VAC
Operating temp:	-40°C to +65°C
EMC:	CISPR 15 Harmonics: IEC 61000-3-2 Class C Flicker: IEC 61000-3-3 Immunity requirements for lighting: IEC 61547
Transient protection: Optional:	IEC 61000-4-5. 6kV line-line and line-ground. Additional surge protection module rated for 10kA, 20kA single strike
THD:	< 20%
Power Factor:	> 0.9
Dimming:	DALI 2.0 compatible/0-10 VDC

Construction:

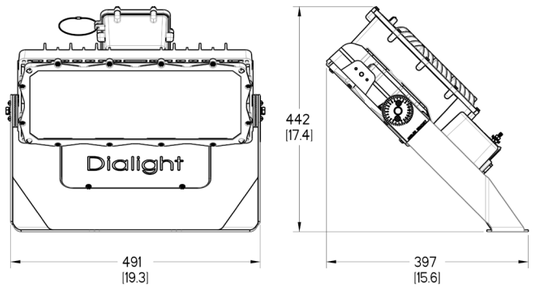
Housing:	A360 Die-cast aluminum
Hardware:	316 stainless steel
Finish:	Superior epoxy and polyester dual coat finish
Lens:	Polycarbonate Glass

Photometric Information:

CCT:	5000K - 70 CRI 4000K - 70 CRI 2700K - 80 CRI 2200K - 80 CRI Amber
Beam pattern:	Medium - 55° Wide - 125° Asymmetric - Forward Distribution
IES files:	Available at www.dialight.com

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

Standard Angled Bracket



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.

Ordering Information

ProSite LED Floodlight - ATEX / IECEx



Part Number	Fixture Lumens	Wattage	lm/W	CCT/CRI	Lens	Beam Distribution
IHazardous - ATEX/IECEx Zone 2, 21, 22						
12,000lm Models - 120-277VAC / 120-250VDC						
F1B-76B2-BDEN-VGN	11,800	78	151	5000K 70 CRI	Glass	Wide
F1B-74B2-BDEN-VGN	11,800	78	151	5000K 70 CRI	Glass	Medium
F1B-7FB2-BDEN-VGN	11,500	78	147	5000K 70 CRI	Glass	Asymmetric
F1B-76L2-BDEN-VGN	11,600	78	149	4000K 70 CRI	Glass	Wide
F1B-74L2-BDEN-VGN	11,600	78	149	4000K 70 CRI	Glass	Medium
F1B-7FL2-BDEN-VGN	11,200	78	144	4000K 70 CRI	Glass	Asymmetric
F1B-76W2-BDEN-VGN	9,300	78	119	2700K 80 CRI	Glass	Wide
F1B-74W2-BDEN-VGN	9,300	78	119	2700K 80 CRI	Glass	Medium
F1B-7FW2-BDEN-VGN	8,900	78	114	2700K 80 CRI	Glass	Asymmetric
18,000lm Models - 120-277VAC / 120-250VDC						
F1B-76B2-CDEN-VGN	17,400	124	140	5000K 70 CRI	Glass	Wide
F1B-74B2-CDEN-VGN	17,400	124	140	5000K 70 CRI	Glass	Medium
F1B-7FB2-CDEN-VGN	16,800	124	135	5000K 70 CRI	Glass	Asymmetric
F1B-76L2-CDEN-VGN	17,000	124	137	4000K 70 CRI	Glass	Wide
F1B-74L2-CDEN-VGN	17,000	124	137	4000K 70 CRI	Glass	Medium
F1B-7FL2-CDEN-VGN	16,500	124	133	4000K 70 CRI	Glass	Asymmetric
F1B-76W2-CDEN-VGN	13,700	124	110	2700K 80 CRI	Glass	Wide
F1B-74W2-CDEN-VGN	13,700	124	110	2700K 80 CRI	Glass	Medium
F1B-7FW2-CDEN-VGN	13,100	124	106	2700K 80 CRI	Glass	Asymmetric
30,000lm Models - 120-277VAC / 120-250VDC						
F1B-76B2-FDEN-VGN	28,200	234	121	5000K 70 CRI	Glass	Wide
F1B-74B2-FDEN-VGN	28,200	234	121	5000K 70 CRI	Glass	Medium
F1B-7FB2-FDEN-VGN	27,300	234	117	5000K 70 CRI	Glass	Asymmetric
F1B-76L2-FDEN-VGN	27,600	234	118	4000K 70 CRI	Glass	Wide
F1B-74L2-FDEN-VGN	27,600	234	118	4000K 70 CRI	Glass	Medium
F1B-7FL2-FDEN-VGN	26,700	234	114	4000K 70 CRI	Glass	Asymmetric
F1B-76W2-FDEN-VGN	22,200	234	95	2700K 80 CRI	Glass	Wide
F1B-74W2-FDEN-VGN	22,200	234	95	2700K 80 CRI	Glass	Medium
F1B-7FW2-FDEN-VGN	21,300	234	91	2700K 80 CRI	Glass	Asymmetric
Amber Models - 120-277VAC / 120-250VDC						
F1B-7FA2-BDEN-VGN	11,800	249	47	Amber	Glass	Asymmetric

All values typical unless otherwise stated (tolerance +/-10%)
Part numbers listed in **bold** are typically available in stock.
CCT - 2200k change 6th character to 'U'
Mounting Bracket - Angled Bracket 'E' supplied as standard - see pgs 14-17 for other options.

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

ProSite LED Floodlight - Hazardous

F2 Models



Certifications & Ratings

- 10 year warranty
- ATEX/IECEx Zone 2, 21 & 22
  - Ex ec IIC T4 Gc
  - Ex tb IIIC T125°C Db
  - ETL25ATEX0528X
  - ETL25ATEX0529X
  - IECEx ETL 22.0001X
- IP66/67
- DNV TAE00004GM
- IK08 - Glass lens
- L70 > 150,000 hours @ 65°C ambient
- Vibration - Lloyd's test 1

Mechanical Information:

Fixture weight:	13.8 - 20.4 kg
EPA (m^2):	0.186
Cable entry:	2 x M25

Electrical Specifications:

Operating voltage:	120-277 VAC / 120-250 VDC 277-480 VAC
Operating temp:	-40°C to +65°C
EMC:	CISPR 15 Harmonics: IEC 61000-3-2 Class C Flicker: IEC 61000-3-3 Immunity requirements for lighting: IEC 61547
Transient protection:	IEC 61000-4-5. 6kV line-line and line-ground.
Optional:	Additional surge protection module rated for 10kA, 20kA single strike
THD:	< 20%
Power Factor:	> 0.9
Dimming:	DALI 2.0 compatible/0-10 VDC

Construction:

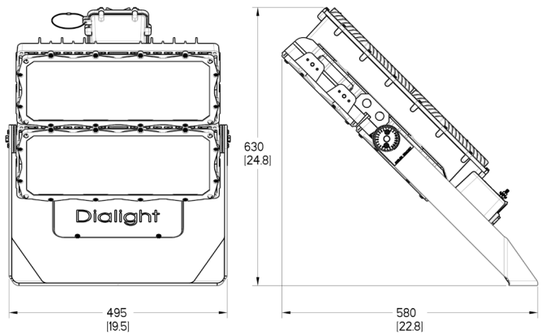
Housing:	A360 Die-cast aluminum
Hardware:	316 stainless steel
Finish:	Superior epoxy and polyester dual coat finish
Lens:	Polycarbonate Glass

Photometric Information:

CCT:	5000K - 70 CRI 4000K - 70 CRI 2700K - 80 CRI 2200K - 80 CRI Amber
Beam pattern:	Medium - 55° Wide - 125° Asymmetric - Forward Distribution
IES files:	Available at www.dialight.com

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

Standard Angled Bracket



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.

Ordering Information

ProSite LED Floodlight - ATEX / IECEx



IHazardous - ATEX/IECEx Zone 2, 21, 22						
Part Number	**Fixture Lumens**	**Wattage**	**lm/W**	**CCT/CRI**	**Lens**	**Beam Distribution**
60,000lm Models - 120-277VAC / 120-250VDC						
F2B-77B2-NDEN-VGN	57300	498	115	5000K 70 CRI	Glass	Very Wide
F2B-76B2-NDEN-VGN	57300	498	115	5000K 70 CRI	Glass	Wide
F2B-74B2-NDEN-VGN	57300	498	115	5000K 70 CRI	Glass	Medium
F2B-7FB2-NDEN-VGN	55500	498	111	5000K 70 CRI	Glass	Asymmetric
F2B-77L2-NDEN-VGN	56100	498	113	4000K 70 CRI	Glass	Very Wide
F2B-76L2-NDEN-VGN	56100	498	113	4000K 70 CRI	Glass	Wide
F2B-74L2-NDEN-VGN	56100	498	113	4000K 70 CRI	Glass	Medium
F2B-7FL2-NDEN-VGN	54300	498	109	4000K 70 CRI	Glass	Asymmetric
Amber Models - 120-277VAC / 120-250VDC						
F2B-7FA2-EDEN-VGN	20,900	498	42	Amber	Glass	Asymmetric

All values typical unless otherwise stated (tolerance +/-10%)
Part numbers listed in **bold** are typically available in stock.
CCT - 2700k change 6th character to 'W'. 2200k change 6th character to 'U'
Mounting Bracket - Angled Bracket 'E' supplied as standard - see pgs 14-17 for other options.

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

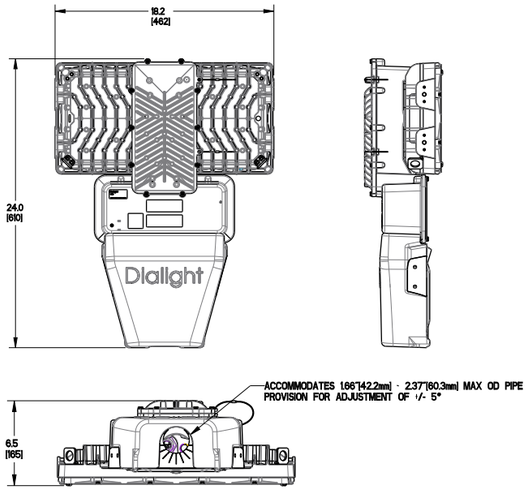
ProSite LED Streetlight - IECEx / ATEX

Technical Specifications



Certifications & Ratings

- 10 year warranty
- ATEX/IECEx Zone 2, 21 & 22
  - Ex ec IIC T4 Gc
  - Ex tb IIIC T125°C Db
  - ETL25ATEX0529X
  - ETL25ATEX0528X
  - IECEx ETL 22.0001X
- IP66/67
- IK08 - Glass lens
- L70 > 150,000 hours @ 25°C ambient



Dimensions in inches [mm]

Mechanical Information:

Fixture weight:	15.1 kg
EPA (sq. m):	0.103
Mounting:	Cast aluminum mast arm bracket - suits 42.2-60.3mm OD pipe (-5°, 0°, +5° tilt settings)
Cable entry:	1 x M25

Electrical Specifications:

Operating voltage:	120-277VAC / 120-250VDC
Operating temp:	-40°C to +65°C
EMC:	CISPR 15 Harmonics: IEC 61000-3-2 Class C Flicker: IEC 61000-3-3 Immunity requirements for lighting: IEC 61547
Transient protection:	6kV/3kA
THD:	< 20%
Power Factor:	> 0.9
Dimming:	DALI 1 and DALI 2 compatible / 0-10V DC

Construction:

Housing:	A360 Die-cast aluminum
Hardware:	316 stainless steel
Finish:	Superior epoxy and polyester dual coat finish
Lens:	Glass

Photometric Information:

CCT:	5000K - 70 CRI 4000K - 70 CRI 2700K - 80 CRI 2200K - 80 CRI Amber
Beam pattern:	Type III Medium Type V

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

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.

ProSite LED Streetlight - IECEx / ATEX

Australia & Asia Order Codes



Part Number	Fixture Lumens	Wattage	lm/W	CCT/CRI	Lens	Beam Distribution
Hazardous - 120-277 VAC, ATEX / IECEx						
12,000lm Models - 120-277VAC / 120-250VDC						
S1B-7QB2-BDTN-VGN	10,800	78	138	5000K 70 CRI	Glass	Type III
S1B-7QL2-BDTN-VGN	10,600	78	136	4000K 70 CRI	Glass	Type III
S1B-7QW2-BDTN-VGN	8,700	78	112	2700K 80 CRI	Glass	Type III
18,000lm Models - 120-277VAC / 120-250VDC						
S1B-7QB2-CDTN-VGN	115,900	124	935	5000K 70 CRI	Glass	Type III
S1B-7QL2-CDTN-VGN	15,600	124	126	4000K 70 CRI	Glass	Type III
S1B-7QW2-CDTN-VGN	12,800	124	103	2700K 80 CRI	Glass	Type III
24,000lm Models - 120-277VAC / 120-250VDC						
S1B-7QB2-EDTN-VGN	20,700	175	118	5000K 70 CRI	Glass	Type III
S1B-7QL2-EDTN-VGN	20,200	175	115	4000K 70 CRI	Glass	Type III
S1B-7QW2-EDTN-VGN	16,500	175	94	2700K 80 CRI	Glass	Type III
30,000lm Models - 120-277VAC / 120-250VDC						
S1B-7QB2-EDTN-VGN	25,900	175	148	5000K 70 CRI	Glass	Type III
S1B-7QL2-EDTN-VGN	25,300	175	145	4000K 70 CRI	Glass	Type III
S1B-7QW2-EDTN-VGN	20,700	175	118	2700K 80 CRI	Glass	Type III

All values typical unless otherwise stated (tolerance +/-10%)
CCT - 2200k change 6th character to 'U'
Optic - Type V change 5th character to '6'
Mounting Bracket - Mast arm bracket supplied as stanadrd.

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

SafeSite® LED Floodlight - Zone 1 & Hydrogen

Technical Specifications



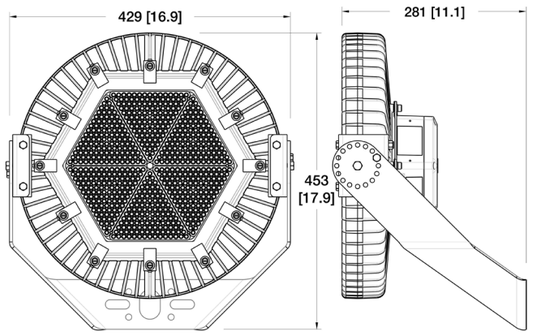
Patent pending

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)

Shipping weight: 19.4 kg (42.8 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

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

Photometric Information:

CRI: 80 typical

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

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

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.

SafeSite® LED Floodlight - Zone 1 & Hydrogen

Australia & Asia Order Codes

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	120-277 VAC, 120-250 VCD	4000K (Neutral White)	Tempered Glass	Medium
FSA-76N2-EAVN-NGN		25,900	185	140	120-277 VAC, 120-250 VCD	4000K (Neutral White)	Tempered Glass	Narrow
FSA-76N2-CAVN-NGN		18,600	130	143	120-277 VAC, 120-250 VCD	4000K (Neutral White)	Tempered Glass	Narrow
FSA-7MN2-CAVN-NGN		18,200	130	140	120-277 VAC, 120-250 VCD	4000K (Neutral White)	Tempered Glass	Medium
Hydrogen Models								
FSH-76N2-EAVN-NGN	•	25,900	185	140	120-277 VAC, 120-250 VCD	4000K (Neutral White)	Tempered Glass	Narrow
FSH-7MN2-CAVN-NGN	•	18,600	130	143	120-277 VAC, 120-250 VCD	4000K (Neutral White)	Tempered Glass	Medium
FSH-76N2-CAVN-NGN	•	18,600	130	143	120-277 VAC, 120-250 VCD	4000K (Neutral White)	Tempered Glass	Narrow

All values typical unless otherwise stated (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.



HBXW3-SSL-316FT
- 316 stainless steel forward throw bracket

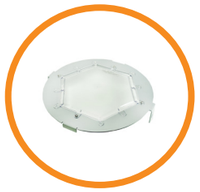


H6XCAB72
- Stainless steel safety cable kit



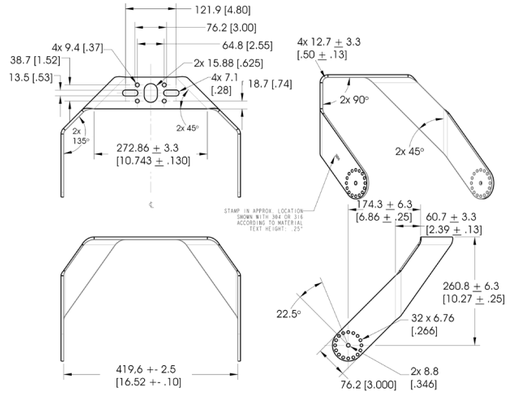
HBXSBDK
- Sand blast kit (dome lens)

HBXSBDL
- Sacrificial dome lens



HBXSBK
- Sand blast kit (flat lens)

HBXSBL
- Sacrificial flat lens

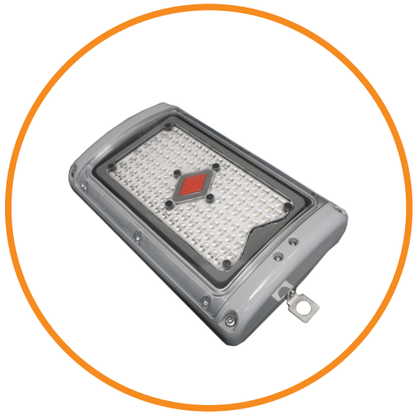


Dimension in mm (inches)

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

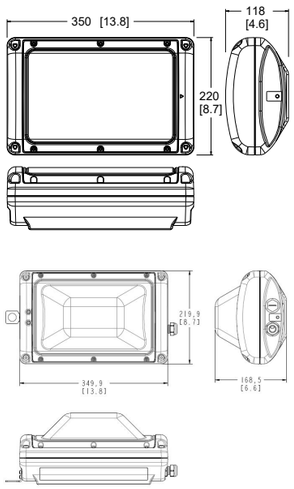
SafeSite® LED Bulkhead

100-277 VAC Model



Certifications & Ratings

- 10 year warranty (excluding batteries)
- ATEX / IECEx Zone 1, 21
  - Ex eb mb IIC T4 Gb
  - EX tb IIIC T130°C Db
- ATEX / IECEx Zone 2, 22
  - Ex ec IIC T4 Gc
  - Ex tc IIIC T130°C Dc
- IECEx CSA 21.0047X
  - -20°C to +55°C for T5 and 95°C
  - -40°C to +65°C for T4 and 130°C
- IP66/67
- DNV
- IK10
- L70 > 150,000 hours @ 65°C (149°F)



Dimensions in mm (inches)

Mechanical Information:

Fixture weights:
Standard models: 6.8 kg (15.0 lb)

Battery backup models: 7.7 kg (17 lb)

Shipping weights:
Standard models: 7.3 kg (16.1 lb)

Battery backup models: 8.4 kg (18.5 lb)

Cable entry: (2) M20 - optional (4) M20

Materials:

Housing: A360 Die-cast aluminium

Finish: Superior dual coat finish
- Sealed polyester topcoat
- Epoxy primer

Lens: Polycarbonate clear
Polycarbonate diffused (optional)
Polycarbonate domed diffused

Hardware: 316 Stainless Steel

Electrical Specifications:

Operating voltage:
Standard models: 100-277 VAC / 120-250 VDC
Battery backup models: 110/120 VAC, 230/240 VAC

Operating temperature:
Standard models: -40°C to +65°C (-40°F to +149°F)
Battery backup models: -20°C to +55°C (-4°F to +131°F)

Surge protection: 6kV/3kA, 1.2/50, 8/20us
Combination Wave
Line-line and line-ground

THD: < 18%

Power factor: > 0.9

Dimming: DALI 1.0 and 2.0
0-10 VDC continuous dimming to <10%

Battery Backup Models: (integral battery)

Battery duration* (circular optic, clear lens):
6.5k lumen outputs: 180 mins ~ 900 lm
90 mins ~ 1100 lm
60 mins ~ 1140 lm
3k lumen outputs: 180 mins ~ 800 lm
90 mins ~ 1100 lm
60 mins ~ 1140 lm

Photometric Information:

Lumen output*: 3,000 & 6,500 lm (white light)

CRI: > 80 (white light)

CCT: 5000K (cool white)
4000K (neutral white)
2700K (warm white)
Amber (Wildlife-Friendly)
Green (Shower-Safe/Eye-Wash station)

All values typical unless otherwise stated (tolerance +/- 10%)
* @ 25°C ambient

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.

Ordering Information

SafeSite® LED Bulkhead



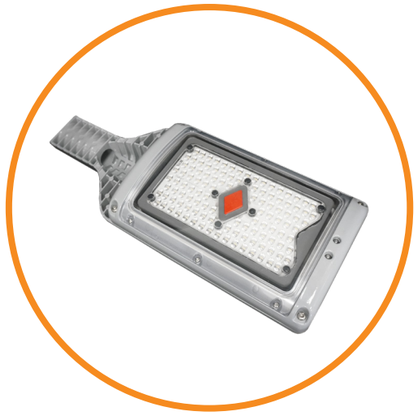
Part Number	Fixture Lumens	Wattage	lm/W	Voltage	CCT	Lens	Beam Distribution
Standard Models with Flush Bracket - Zone 1, 21							
BHA-4BC2-3NFN-VGN	3,300	22	153	100-277VAC / 120-250VDC	5000K (Cool White)	Clear Polycarbonate	Circular
BHA-4BC2-6NFN-VGN	6,200	45	138	100-277VAC / 120-250VDC	5000K (Cool White)	Clear Polycarbonate	Circular
BHA-4UC2-3NFN-VGN	3,100	22	144	100-277VAC / 120-250VDC	5000K (Cool White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHA-4UC2-6NFN-VGN	6,200	45	138	100-277VAC / 120-250VDC	5000K (Cool White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHA-4BN2-3NFN-VGN	3,300	22	153	100-277VAC / 120-250VDC	4000K (Neutral White)	Clear Polycarbonate	Circular
BHA-4BN2-6NFN-VGN	6,200	45	138	100-277VAC / 120-250VDC	4000K (Neutral White)	Clear Polycarbonate	Circular
BHA-4UN2-3NFN-VGN	3,100	22	144	100-277VAC / 120-250VDC	4000K (Neutral White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHA-4UN2-6NFN-VGN	6,200	45	138	100-277VAC / 120-250VDC	4000K (Neutral White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHA-4BA2-5NFN-VGN	4,200	46	91	100-277VAC / 120-250VDC	Amber	Clear Polycarbonate	Circular
Battery Backup Models with Flush Bracket - Zone 1, 21							
BHA-4BCG-3NFN-VGF	3,300	25	132	230-240VAC	5000K (Cool White)	Clear Polycarbonate	Circular
BHA-4BCG-6NFN-VGF	6,200	48	129	230-240VAC	5000K (Cool White)	Clear Polycarbonate	Circular
BHA-4UCG-3NFN-VGF	3,100	25	124	230-240VAC	5000K (Cool White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHA-4UCG-6NFN-VGF	6,200	48	129	230-240VAC	5000K (Cool White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHA-4BNG-3NFN-VGF	3,300	25	132	230-240VAC	4000K (Neutral White)	Clear Polycarbonate	Circular
BHA-4BNG-6NFN-VGF	6,200	48	129	230-240VAC	4000K (Neutral White)	Clear Polycarbonate	Circular
BHA-4UNG-3NFN-VGF	3,100	25	124	230-240VAC	4000K (Neutral White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHA-4UNG-6NFN-VGF	6,200	48	129	230-240VAC	4000K (Neutral White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHA-4BAG-5NFN-VGF	4,200	49	86	230-240VAC	Amber	Clear Polycarbonate	Circular
BHA-6BGG-3NFN-VGG	2,600	33	79	230-240VAC	Green	Domed Diffused	Circular
Standard Models with Flush Bracket - Zone 2, 22 or Zone 21							
BHB-4BC2-3NFN-VGN	3,200	22	149	100-277VAC / 120-250VDC	5000K (Cool White)	Clear Polycarbonate	Circular
BHB-4BC2-6NFN-VGN	6,700	45	149	100-277VAC / 120-250VDC	5000K (Cool White)	Clear Polycarbonate	Circular
BHB-4UC2-3NFN-VGN	3,100	22	144	100-277VAC / 120-250VDC	5000K (Cool White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHB-4UC2-6NFN-VGN	6,400	45	142	100-277VAC / 120-250VDC	5000K (Cool White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHB-4BN2-3NFN-VGN	3,200	22	149	100-277VAC / 120-250VDC	4000K (Neutral White)	Clear Polycarbonate	Circular
BHB-4BN2-6NFN-VGN	6,700	45	149	100-277VAC / 120-250VDC	4000K (Neutral White)	Clear Polycarbonate	Circular
BHB-4UN2-3NFN-VGN	3,100	22	144	100-277VAC / 120-250VDC	4000K (Neutral White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHB-4UN2-6NFN-VGN	6,400	45	142	100-277VAC / 120-250VDC	4000K (Neutral White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHB-4BA2-5NFN-VGN	4,200	46	91	100-277VAC / 120-250VDC	Amber	Clear Polycarbonate	Circular
BHB-6BG2-3NFN-VGN	2,600	30	87	100-277VAC / 120-250VDC	Green	Domed Diffused	Circular
Battery Backup Models with Flush Bracket - Zone 2, 22 or Zone 21							
BHB-4BCG-3NFN-VGF	3,200	25	128	230-240VAC	5000K (Cool White)	Clear Polycarbonate	Circular
BHB-4BCG-6NFN-VGF	6,700	48	140	230-240VAC	5000K (Cool White)	Clear Polycarbonate	Circular
BHB-4UCG-3NFN-VGF	3,100	25	124	230-240VAC	5000K (Cool White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHB-4UCG-6NFN-VGF	6,400	48	133	230-240VAC	5000K (Cool White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHB-4BNG-3NFN-VGF	3,200	25	128	230-240VAC	4000K (Neutral White)	Clear Polycarbonate	Circular
BHB-4BNG-6NFN-VGF	6,700	48	140	230-240VAC	4000K (Neutral White)	Clear Polycarbonate	Circular
BHB-4UNG-3NFN-VGF	3,100	25	124	230-240VAC	4000K (Neutral White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHB-4UNG-6NFN-VGF	6,400	48	133	230-240VAC	4000K (Neutral White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BHB-4BAG-5NFN-VGF	4,200	49	86	230-240VAC	Amber	Clear Polycarbonate	Circular
BHB-6BGG-3NFN-VGG	2,600	33	79	230-240VAC	Green	Domed Diffused	Circular

All values typical unless otherwise stated (tolerance +/- 10%).
Part numbers listed in **bold** are typically available in stock.
2700k models available on request

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

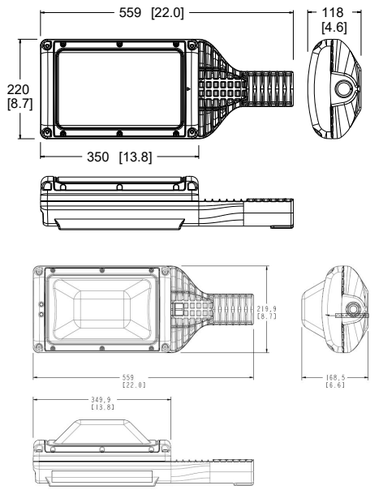
SafeSite® LED Bulkhead / Conveyor Light

Pole Mount Model



Certifications & Ratings

- 10 year warranty (excluding batteries)
- ATEX / IECEx Zone 1, 21
  - Ex eb mb IIC T4 Gb
  - EX tb IIIC T130°C Db
- ATEX / IECEx Zone 2, 22
  - Ex ec IIC T4 Gc
  - Ex tc IIIC T130°C Dc
- IECEx CSA 21.0047X
  - -20°C to +55°C for T5 and 95°C
  - -40°C to +65°C for T4 and 130°C
- IP66/67
- DNV
- IK10
- L70 > 150,000 hours @ 65°C (149°F)



Dimensions in mm (inches)

Mechanical Information:

Fixture weights:
Standard models: 7.9 kg (17.4 lb)
Battery backup models: 8.8 kg (19.4 lb)

Shipping weights:
Standard models: 8.4 kg (18.5 lb)
Battery backup models: 9.3 kg (20.5 lb)

Cable entry: (1) M25

Spigot entry size: 35mm ID
Optional 44mm ID

Materials:

Housing: A360 Die-cast aluminium

Finish: Superior dual coat finish
- Sealed polyester topcoat
- Epoxy primer

Lens: Polycarbonate clear
Polycarbonate diffused (optional)
Polycarbonate domed diffused

Hardware: 316 Stainless Steel

Electrical Specifications:

Operating voltage:
Standard models: 100-277 VAC / 120-250 VDC
Battery backup models: 110/120 VAC, 230/240 VAC

Operating temperature:
Standard models: -40°C to +65°C (-40°F to +149°F)
Battery backup models: -20°C to +55°C (-4°F to +131°F)

Surge protection: 6kV/3kA, 1.2/50, 8/20us
Combination Wave
Line-line and line-ground

THD: < 18%

Power factor: > 0.9

Dimming: DALI 1.0 and 2.0
0-10 VDC continuous dimming to <10%

Battery Backup Models: (integral battery)

Battery duration* (circular optic, clear lens):
6.5k lumen outputs: 180 mins ~ 900 lm
90 mins ~ 1100 lm
60 mins ~ 1140 lm
3k lumen outputs: 180 mins ~ 800 lm
90 mins ~ 1100 lm
60 mins ~ 1140 lm

Photometric Information:

Lumen output*: 3,000 & 6,500 lm (white light)

CRI: > 80 (white light)

CCT: 5000K (cool white)
4000K (neutral white)
2700K (warm white)
Amber (Wildlife-Friendly)
Green (Shower-Safe/Eye-Wash station)

All values typical unless otherwise stated (tolerance +/- 10%)
* @ 25°C ambient

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.

Ordering Information

SafeSite® LED Bulkhead / Conveyor Light - Pole Mount



Part Number	Fixture Lumens	Wattage	lm/W	Voltage	CCT	Lens	Beam Distribution
Pole Mount Models - Zone 1, 21							
BPA-4BC2-3NNN-VGN	3,300	22	153	100-277VAC / 120-250VDC	5000K (Cool White)	Clear Polycarbonate	Circular
BPA-4BC2-6NNN-VGN	6,200	45	138	100-277VAC / 120-250VDC	5000K (Cool White)	Clear Polycarbonate	Circular
BPA-4UC2-3NNN-VGN	3,100	22	144	100-277VAC / 120-250VDC	5000K (Cool White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BPA-4UC2-6NNN-VGN	6,200	45	138	100-277VAC / 120-250VDC	5000K (Cool White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BPA-4BN2-3NNN-VGN	3,300	22	153	100-277VAC / 120-250VDC	4000K (Neutral White)	Clear Polycarbonate	Circular
BPA-4BN2-6NNN-VGN	6,200	45	138	100-277VAC / 120-250VDC	4000K (Neutral White)	Clear Polycarbonate	Circular
BPA-4UN2-3NNN-VGN	3,100	22	144	100-277VAC / 120-250VDC	4000K (Neutral White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BPA-4UN2-6NNN-VGN	6,200	45	138	100-277VAC / 120-250VDC	4000K (Neutral White)	Clear Polycarbonate	Ultra-Wide (Type 1)
Amber							
BPA-4BA2-5NNN-VGN	4,200	46	91	100-277VAC / 120-250VDC	Amber	Clear Polycarbonate	Circular
BPA-4UA2-5NNN-VGN	4,000	46	87	100-277VAC / 120-250VDC	Amber	Clear Polycarbonate	Ultra-Wide (Type 1)
Pole Mount Battery Backup Models - Zone 1, 21							
BPA-4BCG-3NNN-VGF	3,300	25	132	230-240VAC	5000K (Cool White)	Clear Polycarbonate	Circular
BPA-4BCG-6NNN-VGF	6,200	48	129	230-240VAC	5000K (Cool White)	Clear Polycarbonate	Circular
BPA-4UCG-3NNN-VGF	3,100	25	124	230-240VAC	5000K (Cool White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BPA-4UCG-6NNN-VGF	6,200	48	129	230-240VAC	5000K (Cool White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BPA-4BNG-3NNN-VGF	3,300	25	132	230-240VAC	4000K (Neutral White)	Clear Polycarbonate	Circular
BPA-4BNG-6NNN-VGF	6,200	48	129	230-240VAC	4000K (Neutral White)	Clear Polycarbonate	Circular
BPA-4UNG-3NNN-VGF	3,100	25	124	230-240VAC	4000K (Neutral White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BPA-4UNG-6NNN-VGF	6,200	48	129	230-240VAC	4000K (Neutral White)	Clear Polycarbonate	Ultra-Wide (Type 1)
Amber							
BPA-4BAG-5NNN-VGF	4,200	49	86	230-240VAC	Amber	Clear Polycarbonate	Circular
BPA-4UAG-5NNN-VGF	4,000	49	82	230-240VAC	Amber	Clear Polycarbonate	Ultra-Wide (Type 1)
Green							
BPA-6BGG-3NNN-VGG	2,600	33	79	230-240VAC	Green	Domed Diffused	Circular

All values typical unless otherwise stated (tolerance +/- 10%).
See page 44 for Accessories & spares
Part numbers listed in **bold** are typically available in stock.
2700k models available on request, 44mm spigot entry option available

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

Ordering Information

SafeSite® LED Bulkhead / Conveyor Light - Pole Mount



Part Number	Fixture Lumens	Wattage	lm/W	Voltage	CCT	Lens	Beam Distribution
Pole Mount Models - Zone 2, 22 or Zone 21							
BPB-4BC2-3NNN-VGN	3,200	22	149	100-277VAC / 120-250VDC	5000K (Cool White)	Clear Polycarbonate	Circular
BPB-4BC2-6NNN-VGN	6,700	45	149	100-277VAC / 120-250VDC	5000K (Cool White)	Clear Polycarbonate	Circular
BPB-4UC2-3NNN-VGN	3,100	22	144	100-277VAC / 120-250VDC	5000K (Cool White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BPB-4UC2-6NNN-VGN	6,400	45	142	100-277VAC / 120-250VDC	5000K (Cool White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BPB-4BN2-3NNN-VGN	3,200	22	149	100-277VAC / 120-250VDC	4000K (Neutral White)	Clear Polycarbonate	Circular
BPB-4BN2-6NNN-VGN	6,700	45	149	100-277VAC / 120-250VDC	4000K (Neutral White)	Clear Polycarbonate	Circular
BPB-4UN2-3NNN-VGN	3,100	22	144	100-277VAC / 120-250VDC	4000K (Neutral White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BPB-4UN2-6NNN-VGN	6,400	45	142	100-277VAC / 120-250VDC	4000K (Neutral White)	Clear Polycarbonate	Ultra-Wide (Type 1)
Amber							
BPB-4BA2-5NNN-VGN	4,200	46	91	100-277VAC / 120-250VDC	Amber	Clear Polycarbonate	Circular
BPB-4BA2-5NNN-VGF	4,200	46	91	100-277VAC / 120-250VDC	Amber	Clear Polycarbonate	Circular
BPB-4UA2-5NNN-VGN	3,900	46	85	100-277VAC / 120-250VDC	Amber	Clear Polycarbonate	Ultra-Wide (Type 1)
Pole Mount Battery Backup Models - Zone 2, 22 or Zone 21							
BPB-4BCG-3NNN-VGF	3,200	25	128	230-240VAC	5000K (Cool White)	Clear Polycarbonate	Circular
BPB-4BCG-6NNN-VGF	6,700	48	140	230-240VAC	5000K (Cool White)	Clear Polycarbonate	Circular
BPB-4UCG-3NNN-VGF	3,100	25	124	230-240VAC	5000K (Cool White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BPB-4UCG-6NNN-VGF	6,400	48	133	230-240VAC	5000K (Cool White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BPB-4BNG-3NNN-VGF	3,200	25	128	230-240VAC	4000K (Neutral White)	Clear Polycarbonate	Circular
BPB-4BNG-6NNN-VGF	6,700	48	140	230-240VAC	4000K (Neutral White)	Clear Polycarbonate	Circular
BPB-4UNG-3NNN-VGF	3,100	25	124	230-240VAC	4000K (Neutral White)	Clear Polycarbonate	Ultra-Wide (Type 1)
BPB-4UNG-6NNN-VGF	6,400	48	133	230-240VAC	4000K (Neutral White)	Clear Polycarbonate	Ultra-Wide (Type 1)
Amber							
BPB-4BAG-5NNN-VGF	4,200	49	86	230-240VAC	Amber	Clear Polycarbonate	Circular
BPB-4UAG-5NNN-VGF	3,900	49	80	230-240VAC	Amber	Clear Polycarbonate	Ultra-Wide (Type 1)
Green							
BPB-6BGG-3NNN-VGG	2,600	33	79	230-240VAC	Green	Domed Diffused	Circular

All values typical unless otherwise stated (tolerance +/- 10%).
See page 44 for Accessories & spares
Part numbers listed in **bold** are typically available in stock.
2700k models available on request, 44mm spigot entry option available

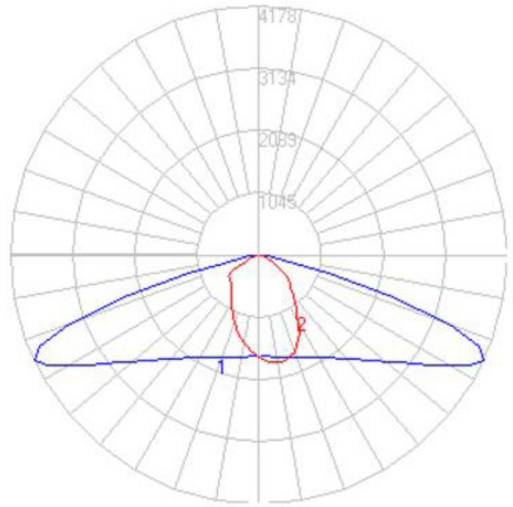
WARNING - INSTALLATION & SECONDARY RETENTION. Use of any Dialight products without proper installation (including secondary retention / netting) and periodic inspections could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate 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.

SafeSite® LED Bulkhead / Conveyor Light

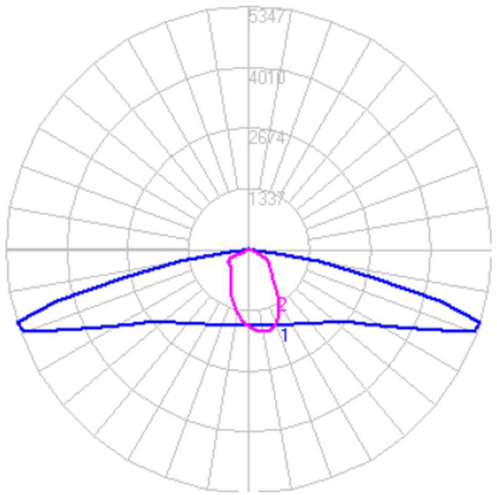
Beam Distribution

Ultra-Wide Walkway (Type 1) - Clear

Zone 1



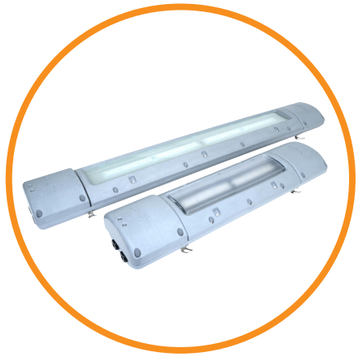
Zone 2



DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

SafeSite® LED GRP Linear

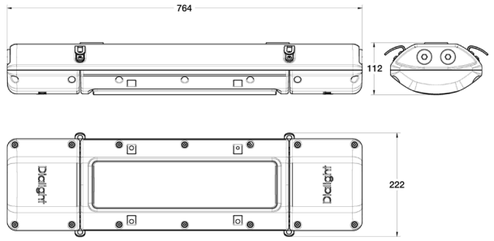
IECEx



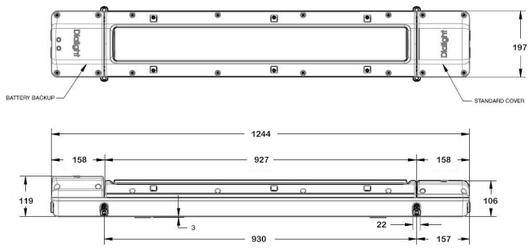
Certifications & Ratings

- 10 year warranty
- CE
- RCM
- IP66/67
- IECEx Zone 1, 2, 21 & 22
  - Ex II 2 GD
    - Ex eb mb op is IIC T4 Gb
    - Ex tb op is IIIC T130°C Db
    - Certification numbers:
      - Sira 19ATEX4226X
      - IECEx SIR 19.0068X
- IECEx Zones 2, 21 & 22
  - Ex II 3 GD
    - Ex ec IIC T4 Gc
    - Ex tc IIIC T130°C Dc
    - IECEx SIR 19.0069X
  - Ex II 2 D
    - Ex tb op is IIIC T130°C Db
    - IECEx SIR 19.0069X
- DALI 1.0/2.0 as standard
- Up to 2,875 & 5,750 (nominal) lumen outputs

764 mm Model



1244 mm Model



Dimensions in mm

Mechanical Information:

Fixture weights:

Standard models:	764 mm: 7.7 kg 1244 mm: 10.9 kg
Emergency models:	764 mm: 8.6 kg 1244 mm: 11.8 kg
Mounting:	(2) M8 fixing points Other mounting options available, see page 5 for details
Cable entry:	(2) M25 cable entries at both ends, through wired as standard
Safety Retention:	(4) 316 Stainless steel tabs as standard

Electrical Specifications:

Operating voltage:	Standard: 100-277 VAC, 50/60Hz 120-250 VDC Emergency: 230/240 VAC, 50Hz 110/120 VAC, 60Hz (Zone 1 only)
Operating temperature:	
Standard models:	-40°C to +65°C
Emergency models:	-20°C to +50°C
Harmonics & emissions:	IEC 55015 (conducted & radiated) IEC 61000-3-2 IEC 61000-3-3 IEC 61547
Transient protection:	IEC 61000-4-5 6kV line-to-line & line-to-ground
Power factor:	> 0.9

Emergency Models:

Lumen output in EM mode:	10-25% of initial light output (depending on selected duration and length of fitting)
Expected battery life*:	4 years
Battery duration*:	90 min. (standard) 60/180 min. (optional, field-configurable)

Materials:

Housing:	Glass-reinforced polyester
Lens:	- Textured polycarbonate convex lens (standard) - Textured flat glass lens (optional)

Photometric Information:

CRI:	80 minimum
CCT:	5000K (cool white) 4000K (neutral white) Green (Shower-Safe/Eye-Wash station model) Amber (Wildlife-Friendly)

All values typical unless otherwise stated (tolerance +/- 10%)
* @ 25°C ambient

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.

Ordering Information

SafeSite® LED GRP Linear - IECEx



Part Number	Fixture Lumens (Nominal)	Wattage	lm/W	Voltage	CCT	Lens
Zone 1, 2, 21 & 22 Models (Standard)						
P2ABMC23A54WGN	2,875	25	115	100-277 VAC/120-250 VDC	5000K (Cool White)	Textured Polycarbonate
P4ABMC26A54WGN	5,750	47	123	100-277 VAC/120-250 VDC	5000K (Cool White)	Textured Polycarbonate
P2ABMN23A54WGN	2,785	25	111	100-277 VAC/120-250 VDC	4000K (Neutral White)	Textured Polycarbonate
P4ABMN26A54WGN	5,575	47	119	100-277 VAC/120-250 VDC	4000K (Neutral White)	Textured Polycarbonate
Zone 1, 2, 21 & 22 Models (Emergency Backup)						
P2ABMCG3A54WGF	2,875	29	99	230/240 VAC	5000K (Cool White)	Textured Polycarbonate
P4ABMCG6A54WGF	5,750	51	113	230/240 VAC	5000K (Cool White)	Textured Polycarbonate
P2ABMC13A54WGF	2,875	29	99	110/120 VAC	5000K (Cool White)	Textured Polycarbonate
P4ABMC16A54WGF	5,750	51	113	110/120 VAC	5000K (Cool White)	Textured Polycarbonate
P2ABMNG3A54WGF	2,785	29	96	230/240 VAC	4000K (Neutral White)	Textured Polycarbonate
P4ABMNG6A54WGF	5,575	51	109	230/240 VAC	4000K (Neutral White)	Textured Polycarbonate
P2ABMN13A54WGF	2,785	29	96	110/120 VAC	4000K (Neutral White)	Textured Polycarbonate
P4ABMN16A54WGF	5,575	51	109	110/120 VAC	4000K (Neutral White)	Textured Polycarbonate
Zone 2, 21 & 22 Models (Standard)						
P2BBMC23A5NWGN	2,875	25	115	100-277 VAC/120-250 VDC	5000K (Cool White)	Textured Polycarbonate
P4BBMC26A5NWGN	5,750	47	123	100-277 VAC/120-250 VDC	5000K (Cool White)	Textured Polycarbonate
P2BBMN23A5NWGN	2,785	25	111	100-277 VAC/120-250 VDC	4000K (Neutral White)	Textured Polycarbonate
P4BBMN26A5NWGN	5,575	47	119	100-277 VAC/120-250 VDC	4000K (Neutral White)	Textured Polycarbonate
Zone 2, 21 & 22 Models (Emergency Backup)						
P2BBMC23A5NWGF	2,875	29	99	230/240 VAC	5000K (Cool White)	Textured Polycarbonate
P4BBMC26A5NWGF	5,750	51	113	230/240 VAC	5000K (Cool White)	Textured Polycarbonate
P2BBMN23A5NWGF	2,785	29	96	230/240 VAC	4000K (Neutral White)	Textured Polycarbonate
P4BBMN26A5NWGF	5,575	51	109	230/240 VAC	4000K (Neutral White)	Textured Polycarbonate

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

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

Ordering Information

SafeSite® LED GRP Linear - IECEx



Part Number	Fixture Lumens (Nominal)	Wattage	lm/W	Voltage	CCT	Lens
Shower-Safe/Eye-Wash Station Version - Zone 1, 2, 21 & 22 (Emergency Backup)						
P2ABMGG3A54WGF		29		230/240 VAC	Green	Textured Polycarbonate
P4ABMGG6A54WGF		51		230/240 VAC	Green	Textured Polycarbonate
P2ABMG13A54WGF		29		110/120 VAC	Green	Textured Polycarbonate
P4ABMG16A54WGF		51		110/120 VAC	Green	Textured Polycarbonate
Shower-Safe/Eye-Wash Station Version - Zone 2, 21 & 22 (Emergency Backup)						
P2BBMG23A5NWGF		29		230/240 VAC	Green	Textured Polycarbonate
P4BBMG26A5NWGF		51		230/240 VAC	Green	Textured Polycarbonate
Wildlife Friendly - Zone 1, 2, 21 & 22 (Standard)						
P2ABMA23A54WGN		25		100-277 VAC/120-250 VDC	Amber	Textured Polycarbonate
P4ABMA26A54WGN		47		100-277 VAC/120-250 VDC	Amber	Textured Polycarbonate
Wildlife Friendly - Zone 1, 2, 21 & 22 (Emergency Backup)						
P2ABMAG3A54WGF		29		230/240 VAC	Amber	Textured Polycarbonate
P4ABMAG6A54WGF		51		230/240 VAC	Amber	Textured Polycarbonate
P2ABMA13A54WGF		29		110/120 VAC	Amber	Textured Polycarbonate
P4ABMA16A54WGF		51		110/120 VAC	Amber	Textured Polycarbonate
Wildlife Friendly - Zone 2, 21 & 22 (Standard)						
P2BBMA23A5NWGN		25		100-277 VAC/120-250 VDC	Amber	Textured Polycarbonate
P4BBMA26A5NWGN		47		100-277 VAC/120-250 VDC	Amber	Textured Polycarbonate
Wildlife Friendly - Zone 2, 21 & 22 (Emergency Backup)						
P2BBMA23A5NWGF		29		230/240 VAC	Amber	Textured Polycarbonate
P4BBMA26A5NWGF		51		230/240 VAC	Amber	Textured Polycarbonate

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

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

SafeSite® LED GRP Linear

Accessories



ELX-CMB-SS
- 316 Marine Grade stainless steel ceiling mount kit



ELX-PC-SS-42
- 37–44mm Ø 316 Marine Grade stainless steel pole clamp

ELX-PC-SS-47
- 44-50mm Ø 316 Marine Grade stainless steel pole clamp

ELX-PC-SS-54
- 50-58mm Ø 316 Marine Grade stainless steel pole clamp

ELX-PC-SS-59
- 58-68mm Ø 316 Marine Grade stainless steel pole clamp



ELX-WMB-SS-45
- 45° 316 Marine Grade stainless steel wall mount kit

ELX-WMB-SS-60
- 60° 316 Marine Grade stainless steel wall mount kit



HBXCAB48
- 1.2m (48") long stainless steel safety rope (for use with safety bracket)



ELX-EYE-SS
- 316 Marine Grade stainless steel eyelet kit



RLX-WG-2
- Wire guard for 764mm model

RLX-WG-4
- Wire guard for 1244mm model



RLX-BATT-KIT-2
- 764mm replacement battery kit

RLX-BATT-KIT-4
- 1244mm replacement battery kit



RL-WIRELESS-2*
- Wireless controls kit for 764mm models (Zone 2 only)

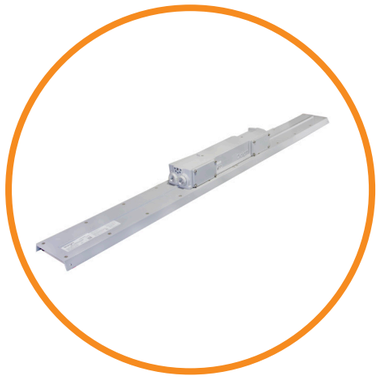
RL-WIRELESS-4*
- Wireless controls kit for 1244mm models (Zone 2 only)

*Must be fitted to GRP Linear by authorized Dialight personnel prior to delivery

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

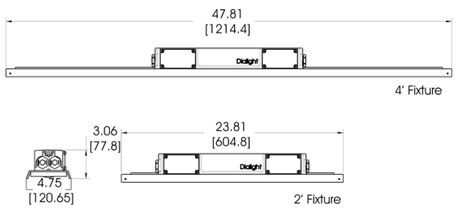
SafeSite® LED Linear - UL

Technical Specifications



Certifications & Ratings

- UL 1598/A
- UL 844
- CSA C22.2 No. 137
- CSA C22.2 No. 250
- IP66 / 67
- Class I, Div. 2 Groups A, B, C & D
- Class II, Div. 1 Groups E, F & G
- Class II, Div. 2 Groups F & G
- Class III
- NEMA 4X



Temperature Ratings

Ambient Temperature Range T4A Temperature Code	Ambient Temperature Range T5 Temperature Code
-4°F to +149°F (-20°C to +65°C)	-4°F to +113°F (-20°C to +45°C)

Mechanical Information:

Fixture weight: 4' - 10 lb (4.5 kg)
2' - 7 lb (3.2 kg)

Shipping weight: 4' - 11 lb (5.0 kg)
2' - 8 lb (3.6 kg)

Mounting: (4) 3/4" NPT openings
Optional swivel bracket - LPXW4
Optional low profile bracket - LPXW4LP

Electrical Specifications:

Operating voltage: 100-277 VAC, 50/60Hz

Power consumption: See ordering information

Operating temp: -40°F to +149°F (-40°C to +65°C)

Harmonics: IEC 61000-3-2

Noise Requirements/EMC: FCC Title 47, Subpart B, Section 15, Class A device. RF Immunity; 10V/m, 80MHz-1GHz

Surge protection: EN 61000-4-5
4 kV line-to-line
4 kV line-to-ground

THD: < 20%

Power factor: > 0.9

Construction:

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

Lens: Polycarbonate

Photometric Information:

CRI: 80

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

IES files: Available at www.dialight.com

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

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.

SafeSite® LED Linear - UL

Australia & Asia Order Codes

Part Number	Fixture Lumens	Wattage	lm/W	Voltage	Colour Temperature (CCT)	Lens	Beam Distribution
LPD3N4B2W	3,300	33	100	100-277 VAC	4000K (Neutral White)	Diffused polycarbonate	Diffused
LPD3N4H2W	6,700	66	102	100-277 VAC	4000K (Neutral White)	Diffused polycarbonate	Diffused

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



LPXW4

- 316 Stainless steel mounting bracket
- Can be angled at 0°, 30°, 45°, 60° & 90°



LPXW4LP

- 316 Stainless steel low profile mounting bracket
- Can be angled at 0° and 15°



LTXSAFEKIT

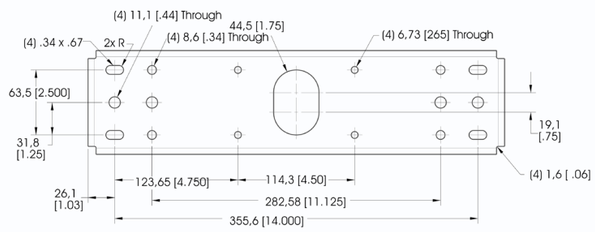
- 304 Stainless steel safety cable kit for secondary retention



LTXENDCAPKIT

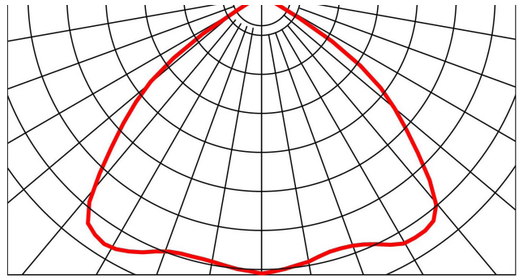
- 304 Stainless steel chain mount and secondary retention bracket

LPXW4 Mounting Bracket Dimensions



Dimension are in mm [inches]

Circular Pattern



DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

SafeSite® LED Area Light - IECEx / ATEX

Technical Specifications



Certifications & Ratings

Standard models:
- Ex db IIC T4 Gb
- Ex tb IIIC T135°C Db
- Ta = -40°C to +65°C

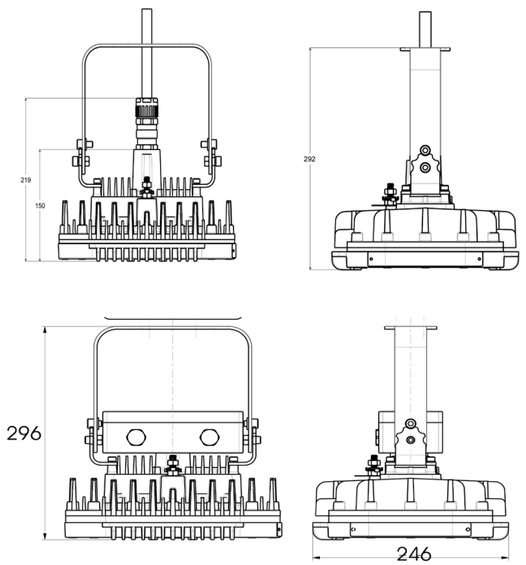
- Ex db IIC T5 Gb
- Ex tb IIIC T100°C Db
- Ta = -40°C to +42°C

Junction Box models:
- Ex db eb IIC T4 Gb
- Ex tb IIIC T135°C Db
- Ta = -40°C to +65°C

- Ex db eb IIC T5 Gb
- Ex tb IIIC T100°C
- Ta = -40°C to +42°C

- IECEx SIR 17.0037X
- Sira 17ATEX1174X

- ATEX Zones 1, 21
- IP66
- IK08 impact rating



Dimensions in mm

Mechanical Information:

Fixture weight:	9.53kg (21lb) - Zone 1, 21 9.07kg (20lb) - Junction Box
Shipping weight:	10.43kg (23lb) - Zone 1, 21 9.98kg (22lb) - Junction Box
Mounting:	Supplied with stirrup mounting bracket
Wiring options:	Factory installed 3 metre 3 core armored cable. 5 metre available, consult factory
Junction box models:	Factory installed junction box with terminal block. 2 x 20mm blank entries

Electrical Specifications:

Operating voltage:	100 – 277 VAC, 50/60 Hz
Power consumption:	See table
Operating temp:	-40°C to +65°C (40°F to +149°F)
Surge protection:	1 KV line to line 2 KV line to ground
THD:	<20%
Power factor:	> 0.9

Construction:

Housing:	Copper free aluminum (A360)
Finish:	Polyester / epoxy powder coat gray RAL 7040 for superior corrosion resistance
Lens:	Toughened glass

Photometric Information:

CRI:	80
CCT:	5000K (cool white) 4000K (neutral white)
Optics:	180°C distribution 360°C distribution
IES files:	available at www.dialight.com

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

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.

SafeSite® LED Area Light - IECEx / ATEX

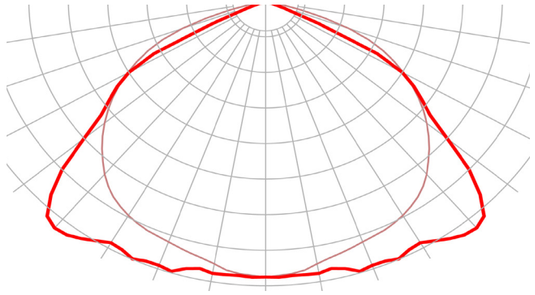
Australia & Asia Order Codes

Part Number	Fixture Lumens	Wattage	lm/W	Voltage	Colour Temperature (CCT)	Lens	Beam Distribution	Mounting Options
IECEx / ATEX Zone 1, 21								
ALA7BC26NBWAGN	5,400	40	135	100-277VAC	5000K (Cool White)	Toughened glass	360°	Stirrup Bracket
ALA7BN26NBWAGN	5,400	40	135	100-277VAC	4000K (Neutral White)	Toughened glass	360°	Stirrup Bracket
IECEx / ATEX Zone 1, 21 with Junction Box								
ALA7BC26NBJUGN	5,400	40	135	100-277VAC	5000K (Cool White)	Toughened glass	360°	Stirrup Bracket
ALA7BN26NBJUGN	5,400	40	135	100-277VAC	4000K (Neutral White)	Toughened glass	360°	Stirrup Bracket

All values typical unless otherwise stated (tolerance +/- 10%).
Part numbers listed in **bold** are typically available in stock.

Beam Distribution

360° Pattern



DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

SafeSite® LED Area Light - UL 844 Class I, Div 2

Technical Specifications





Certifications & Ratings*

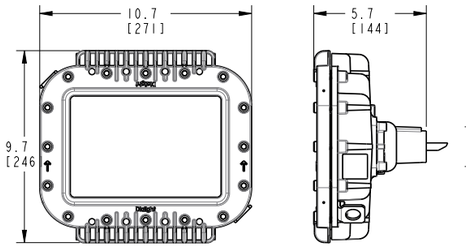
- 10 year warranty
- L70 > 150,000 hours @ 65°C
- UL 844, UL 1598/A
- CSA C22.2 No. 250
- CSA C22.2 No. 137-M81
- IP66 / 67 / 69
- NEMA 4X
- Factory sealed

ALD:

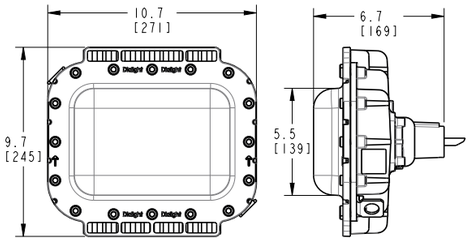
- Class I, Div. 2, Groups A, B, C, D
- Class I, Zone 2, Group IIC
- Class II, Div. 1, Groups E, F, G
- Zone 20 and 21
- Class II, Div. 2 Groups F, G
- Zone 22
- Class III, Div. 1 & 2

*ETL listed

Tempered Glass Lens



Polycarbonate Lens



Dimensions in inches [mm]

Mechanical Information:

Fixture weight:	10 lb (4.5 kg) - Polycarbonate lens 12 lb (5.5 kg) - Tempered glass lens
with stainless steel bracket:	13 lb (5.9 kg) - Polycarbonate lens 15 lb (6.8 kg) - Tempered glass lens
Shipping weight:	Add 2 lb (0.91 kg) to weights above
Impact rating:	IK10 - Polycarbonate lens IK07 - Tempered glass lens
Cabling:	10' STOOW 1.02mm 18 AWG

Electrical Specifications:

Operating voltage:	120-277 VAC 50/60Hz, 120-250 VDC
Total system power consumption:	See table
Operating temperature:	-40°F to +149°F (-40°C to +65°C)
EMC:	FCC Title 47, Subpart B, Section 15, Class A device RF Immunity 20V/m 80MHz-1GHz.
Transient protection:	6 kV, 2 Ohm line-line and line-ground
Harmonics:	IEC 61000-3-2, Class C
THD:	< 20%
Power factor:	> 0.9

Construction:

Housing:	Copper-free aluminum
Finish:	Superior dual coat finish - Sealed polyester topcoat - Epoxy primer
Lens:	Hard-coated polycarbonate Tempered glass

Photometric Information:

CRI:	80
CCT:	5000K (cool white) 4000K (neutral white)
Optics:	360° 180° forward throw for 45° mounting Wide for 0° mounting

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

Temperature Ratings	
Ambient Temperature Range T4A	Ambient Temperature Range T5
-40°F to +149°F (-40°C to +65°C)	-40°F to +113°F (-40°C to +45°C)

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.

SafeSite® LED Area Light - UL 844 Class I, Div 2

Asia Order Codes

Part Number	Fixture Lumens	Wattage	lm/W	Voltage	Colour Temperature (CCT)	Lens	Beam Distribution	Mounting Options
Class I, Div. 2								
ALD5BN26DNWNGN	5,100	40	127	120-277 VAC, 120-250 VDC	4000K (Neutral White)	Polycarbonate	360°	3/4" NPT
ALD7WC27DNWNGN	7,300	64	114	120-277 VAC, 120-250 VDC	5000K (Cool White)	Tempered glass	Wide	3/4" NPT
ALD7BC29DNWNGN	9,000	66	136	120-277 VAC, 120-250 VDC	5000K (Cool White)	Tempered glass	360°	3/4" NPT

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**.



Certified to: UL 50E • CSA C22.2 No. 94.2-07

HZXSTAN100S
- 1.00" (1.315" Pole OD) slip-fit stanchion mount

HZXSTAN125S
- 1.25" (1.660" Pole OD) slip-fit stanchion mount

HZXSTAN052S
- 52mm slip-fit stanchion mount

HZXSTAN200S
- 2.00" (2.375" Pole OD) slip-fit stanchion mount

HZXSTAN100T
- 1.00" (1.315" Pole OD) NPT-threaded stanchion mount

HZXSTAN125T
- 1.25" (1.660" Pole OD) NPT-threaded stanchion mount

HZXSTAN150T
- 1.50" (1.900" Pole OD) NPT-threaded stanchion mount

HZXSTAN200T
- 2.00" (2.375" Pole OD) NPT-threaded stanchion mount



HZXW3
- 316 stainless steel bracket



HBXCAB48
- Safety cable kit



HZXW4
- 316 stainless steel bracket with 1.5" pipe clamp

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at *www.dialight.com*, the latter shall prevail.

Hazardous Area Ratings

Fixed and portable fixtures for installation and use in hazardous areas.

Zones

The zone defines the probability of hazardous material being present in an explosive concentration in the atmosphere.

Zone	Hazardous Material in Surrounding Atmosphere
Zone 0, 20	Area in which an explosive gas / dust mixture is continuously present or present for long periods
Zone 1, 21	Area in which an explosive gas / dust mixture is likely to occur for short periods in normal operation
Zone 2, 22	Area in which an explosive gas / dust mixture is present for a very short time due to an abnormal condition

Protection Types

The protection types are used to denote the protection concept utilised in the devices.

Ex	Presence of Hazardous Material	Zones
Ex d	Flameproof (Explosion proof) Enclosure	1, 21, 2, 22
Ex e	Increased Safety	1, 21, 2, 22
Ex m	Encapsulation	1, 21, 2, 22
Ex n or N	Non incendive or/and normally no sparking circuits	2, 22

Temperature Ratings

Certified equipment is tested for maximum temperature rating by approval agencies.
Equipment for Group II receives a temperature code indicating the maximum temperatures of the product.

Temperature Rating	
T1	450°C
T2	300°C
T3	200°C
T4	135°C
T5	100°C
T6	85°C

Groups (Gas & Dust)

Equipment is tested for suitability in specified gas groups and dust groups.
Gas groups IIA, IIB, IIC. Dust groups IIIA, IIIB, IIIC

Group	Hazardous Material in Surrounding Atmosphere
Group IIA	Propane group
Group IIB	Ethylene group
Group IIC	Hydrogen group
Group IIIA	Combustible flyings
Group IIIB	Non-conductive dust
Group IIIC	Conductive dust

Dialight

Hazardous Locations Ratings

Fixed and portable fixtures for installation and use in hazardous (classified) locations Class I, Divisions 1 and 2, Groups A, B, C, and D; Class II, Division 1, Groups E, F, and G; Class II, Division 2, Groups F and G; and Class III, Divisions 1 and 2, in accordance with the National Electrical Code, NFPA 70

Classes

The classes define the general nature of hazardous material in the surrounding atmosphere.

Class	Hazardous Material in Surrounding Atmosphere
Class I	Hazardous because flammable gases or vapors are present in the air in quantities sufficient to produce explosive or ignitable mixtures
Class II	Hazardous because combustible or conductive dusts are present
Class III	Hazardous because ignitable fibers or flying's are present, but not likely to be in suspension in sufficient quantities to produce ignitable mixtures. Typical wood chips, cotton, flax and nylon. Group classifications are not applied to this class

Divisions

The division defines the probability of hazardous material being present in an ignitable concentration in the surrounding atmosphere.

Division	Presence of Hazardous Material
Division 1	The substance referred to by class is present during normal conditions
Division 2	The substance referred to by class is present only in abnormal conditions, such as a container failure or system breakdown

Groups

The group defines the hazardous material in the surrounding atmosphere.

Group	Hazardous Material in Surrounding Atmosphere
Group A	Acetylene
Group B	Hydrogen, fuel and combustible process gases containing more than 30% hydrogen by volume or gases of equivalent hazard such as butadiene, ethylene, oxide, propylene oxide and acrolein
Group C	Carbon monoxide, ether, hydrogen sulfide, morphline, cyclopropane, ethyl and ethylene or gases of equivalent hazard
Group D	Gasoline, acetone, ammonia, benzene, butane, cyclopropane, ethanol, hexane, methanol, methane, vinyl chloride, natural gas, naphtha, propane or gases of equivalent hazard
Group E	Combustible metal dusts, including aluminum, magnesium and their commercial alloys or other combustible dusts whose particle size, abrasiveness and conductivity present similar hazards in connection with electrical equipment
Group F	Carbonaceous dusts, carbon black, coal black, charcoal, coal or coke dusts that have more than 8% total entrapped volatiles or dusts that have been sesitized by other material so they present an explosion hazard
Group G	Flour dust, grain dust, flour, starch, sugar, wood, plastic and chemicals

Reference:
http://www.engineeringtoolbox.com/hazardous-areas-classification-d_347.html

DIALIGHT LED LIGHTING

TYPE APPROVAL CERTIFICATION for Marine vessels and offshore applications

Technical overview

Dialight offers selected LED luminaires with DNV type approval for marine vessel and offshore applications. The approved portfolio includes ordinary-location and hazardous-location configurations. DNV type approval demonstrates that the identified product design has been assessed against the applicable DNV rules and the conditions stated in its certificate. Product selection and installation must follow the exact model coverage, electrical and environmental ratings, certificate limitations and installation instructions.

What DNV type approval establishes

DNV is a classification society that assesses equipment against its applicable rules. Type approval confirms that a defined product design meets those rules through review of documentation, design assessment and testing. It supports repeated manufacture of the approved design. Individual product certification and approval of the installed system are separate parts of the classification process where required.

The Dialight certificates reviewed cite DNV classification rules covering ships, offshore units, and high-speed and light craft. They provide acceptance for installation on DNV-classed vessels within the certificate scope.

Ordinary and Hazardous locations

Application	Required evidence	What it establishes
Ordinary location	Applicable DNV certificate and product safety documentation	Marine suitability of the listed product design for a non-classified location, within stated limits.
Hazardous location	Applicable DNV certificate plus the relevant Ex or Hazloc certification	Marine suitability together with ignition-protection suitability for the specified hazardous area.
Completed installation	Project documentation and required class or statutory acceptance	Suitability of the selected product, mounting, wiring and lighting arrangement for the actual vessel or offshore installation.

Using the Approval on a project

Use the following checks when selecting a luminaire or preparing a marine or offshore compliance submittal. They combine the certificate conditions with the project-specific acceptance process.

Identify the installation requirements. Record the vessel or offshore unit, applicable class and flag requirements, supply voltage, ambient conditions, mounting position, and whether the area is ordinary or hazardous.

Dialight

Match the full product code. Check the exact luminaire, power rating, voltage, mounting, cable-entry arrangement, controls and battery option against the DNV certificate schedule. Keep the certificate number and revision with the equipment schedule.

Verify Hazardous-area suitability. For classified areas, check the separate certificate and nameplate for the required Zone or Class/Division, gas or dust group, temperature rating, ambient range and conditions of use. Use the certification system required by the project; do not infer one system's approval from another.

Review the installation instructions. Verify mounting hardware, earthing, cable glands, seals, ingress protection and environmental limitations. Where emergency operation is required, check the approved battery configuration and the project's required emergency duration and performance.

Confirm the documentation at release. Check current approval status, retain the complete certificates and instructions, and complete any vessel-specific acceptance or survey requirements.

Dialight LED Luminaire certificates

Product family	DNV certificate	Scope shown in the certificate
Vigilant LED High Bay	TAE00004GY	Ordinary location; listed HxE and FSE variants. IP66. Hazardous-area suitability is marked N/A.
SafeSite LED High Bay	TAE00004H0	Listed HWA, FSA and HEA variants; Zone 1 and 21 models described. IP66. Separate Ex certificate governs.
Vigilant LED Bulkhead	TAE00004GZ	Ordinary location; listed BxE variants, including specified battery options. IP66/67. Hazloc is marked N/A.
SafeSite LED Bulkhead	TAE00004H1	Listed BxA and BxB variants with different gas and dust protection ratings. IP66/67. Separate Ex certificate governs.
ProSite LED Floodlight	TAE00004GM	Listed F1 and F2 configurations. IP66/67. Hazardous-area suitability on this DNV certificate is marked N/A.
SafeSite LED GRP linear	TAE000049Z	Listed P2A/P4A and P2B/P4B hazardous-area configurations and specified emergency versions, with IP66/67.

Model prefixes above are navigation aids only. The full ordering code, voltage, wattage and permitted options must match the certificate schedule; a family name alone does not establish approval. A separate Hazloc listing elsewhere in a product range does not extend the scope of its DNV certificate.

Environmental conditions and installation limits

The technical basis includes DNV-CP-0398, September 2021, and DNV-CG-0339, August 2021. Supporting records include luminaire safety, vibration, humidity and EMC evidence, as specified in each certificate.

The certificates above identify vibration class A, humidity class B, temperature class D and EMC class A. These are DNV location classifications. Temperature class D is distinct from the hazardous-area T-code. Apply the product-specific ambient range, Ex temperature rating and installation instructions as well as the DNV conditions.

Check the required EMC and environmental conditions for the actual mounting location, especially bridge, open-deck and high-vibration positions. An IP rating or a general statement of marine approval does not by itself establish suitability for every location.

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

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

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

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



WARNING / DISCLAIMERS:

Installation & secondary retention. The use of this product 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) as applicable. Dialight products are intended for ultimate purchase, installation and operation by knowledgeable persons trained in the functional assessment, installation, use and maintenance of such products and all customers (including but not limited to end customers) are responsible for assessing the suitability of Dialight products for any given installation requirement. 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 as appropriate) and in compliance with all applicable laws and regulations.

Product specifications & warranties. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. All values and performance data herein are design or typical values when measured under laboratory conditions. The information herein is subject to change without notice. The products / software detailed herein are subject to applicable warranties and terms and conditions of use/purchase. Unless agreed otherwise in writing by an authorized representative of Dialight, Dialight does not represent that its products are fit for any particular purpose and accepts no liability for the installation and/or unauthorised use of its products. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranties. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document and information provided at *www.dialight.com*, the latter shall prevail.

Exclusion of liability. To the extent permissible under the relevant law, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products. Whilst Dialight has used its reasonable endeavours to ensure the completeness and accuracy of information herein, Dialight does not assume any liability for damages resulting from use of this information or for any third-party representations made in relation to Dialight products.