Dialight



Dialight LED Lighting Fixture Catalogue

for Industrial and Hazardous Areas February 2016



On when it matters most.

Products and solutions that protect your business



















About Dialight

Dialight (LSE: DIA.L) is leading the energy efficient LED lighting revolution around the world for industrial and hazardous areas. For more than 40 years, it has been committed to the development of LED lighting solutions that enable organisations to vastly reduce energy use and maintenance needs, improve safety, ease disposal and reduce CO₂ emissions.

Value Proposition

- 10+ years of maintenance free lighting
- Improved safety, colour quality
- Improved temperature rating (T-rating)
- Lower total cost of ownership, quick ROI
- Lower energy consumption by > 50%

Vigilant®

• LED lighting for industrial applications









LED lighting for hazardous applications

DuroSite®

LED lighting for industrial applications



Table of Contents

Vigilant® High Efficiency LED Lighting for Industrial Applications Vigilant® LED Lighting Fixtures for Industrial Applications Overview Vigilant® LED High Bay - 60,000lm Vigilant® H2 Series LED High Bay Vigilant® LED High Bay Vigilant® LED Dual Floodlight Vigilant® LED High Bay with Dali or Wireless Controls Wireless Occupancy Sensor	6 12 14 16 20 22 24
DuroSite® LED Lighting for Industrial Applications	
DuroSite® LED Lighting Fixtures for Industrial Applications Overview DuroSite® LED High Bay with Dali or Wireless Controls DuroSite® LED High Bay DuroSite® LED Floodlight DuroSite® LED Linear - Low Profile DuroSite® LED Stainless Steel Linear DuroSite® LED Stainless Steel Linear - Emergency DuroSite® LED Conveyor Light DuroSite® LED Area Light DuroSite® LED Bulkhead DuroSite® LED Bulkhead - Emergency DuroSite® LED Shower Safe Luminaire - Emergency	7 24 26 32 34 36 36 38 40 42 42
SafeSite® LED Lighting for Hazardous Applications	
SafeSite® LED Lighting Fixtures for Hazardous Applications Overview SafeSite® LED High Bay SafeSite® LED Stainless Steel Linear SafeSite® LED Stainless Steel Linear - Emergency SafeSite® LED Area Light SafeSite® LED Area Light - Junction Box SafeSite® LED Bulkhead SafeSite® LED Bulkhead - Emergency	9 46 48 50 50 52
SafeSite LED Transportable Lighting	
for Hazardous Applications SafeSite® LED Transportable High Bay SafeSite® LED Transportable Bulkhead	56 57
StreetSense® LED Fixture for Infrastructure Solutions	
StreetSense® LED Street Light StreetSense® LED Street Light - ATEX	58 58

Vigilant® LED Lighting Fixtures

for Industrial Applications



LED High Bay - 60,000lm

Wattage Range: 480W
Lumen Output Range: 60,000lm
Lumens per Watt: 125

Input Voltage: 120 - 277V AC

Mounting: Overhead / Ceiling / High Bay

Mounting Height: 30m and lower



LED High Bay - H2 Series LED High Bay

Wattage Range: 180W
Lumen Output Range: 25,250lm
Lumens per Watt: 140

Input Voltage: 110 - 277V AC

Mounting: Overhead / Ceiling / High Bay

Mounting Height: 25m and lower



LED High Bay - 125lm/w

Wattage Range: 88 - 212W

Lumen Output Range: 11,000 - 26,500lm

Lumens per Watt: 125

Input Voltage: 110 - 277V AC / 100 - 277V AC

Mounting: Overhead / Ceiling / High Bay

Mounting Height: 25m and lower



LED Dual Floodlight

Wattage Range: 424W

Lumen Output Range: 53,000 - 55,000lm

Lumens per Watt: 125 - 130
Input Voltage: 120 - 277V AC
Mounting: Flood / Wall / Pole
Mounting Height: 25m and lower



LED High Bay with Controls

Wattage Range: 113 - 213W

Lumen Output Range: 14,000 - 26,500lm

Lumens per Watt: 124

Input Voltage: 110 - 277V AC / 100 - 277V AC Mounting: Overhead / Ceiling / High Bay

DuroSite® LED Lighting Fixtures

for Industrial Applications



LED High Bay

Wattage Range: 146 - 172W

Lumen Output Range: 10,000 - 17,500lm

Lumens per Watt: 68 - 102

Input Voltage: 100 - 277V AC

Mounting: Overhead / Ceiling / High Bay

Mounting Height: 25m and lower



LED Linear - Low Profile

Wattage Range: 33W / 66W

Lumen Output Range: 3,300 - 6,7000lm

Lumens per Watt: 100 - 102

Input Voltage: 100 - 277V AC

Mounting: Overhead / Wall / Pole

Mounting Height: 6m and lower



LED Linear & LED Emergency Linear - Stainless Steel

Wattage Range: 34W / 67W

Lumen Output Range: 2,600 - 5,100lm

Lumens per Watt: 81

Input Voltage: 100 - 277V AC

Mounting: Overhead / Wall / Pole

Mounting Height: 6m and lower



LED High Bay with Controls

Wattage Range: 151 - 175W

Lumen Output Range: 10,000 - 17,000lm

Lumens per Watt: 66 - 97 0 0

Input Voltage: 100 - 277V AC

Mounting: Overhead / Ceiling / High Bay

DuroSite® LED Lighting Fixtures

for Industrial Applications



LED Area Light

Wattage Range: 21 - 69W

Lumen Output Range: 2,200 - 7,000lm Lumens per Watt: 101 - 105

Input Voltage: 100 - 277V AC

Mounting: Ceiling / Wall / Pole

Mounting Height: 6m and lower



LED Conveyor Light

Wattage Range: 58W
Lumen Output Range: 4,200lm

Lumens per Watt: 72

Input Voltage: 100 - 277V AC

Mounting: 34mm pole mount

Mounting Height: 6m and lower



LED Floodlight

Wattage Range: 109 - 140W

Lumen Output Range: 10,500lm - 15,000lm

Lumens per Watt: 96 - 115

Input Voltage: 100 - 277V AC

Mounting: Flood / Wall / Pole

Mounting Height: 15m and lower



LED Bulkhead & LED Emergency Bulkhead

Wattage Range: 22W / 34W

Lumen Output Range: 1,200 - 2,250lm

Lumens per Watt: 55 - 66

Input Voltage: 100 - 277V AC or 24 - 48V DC

Mounting: Wall / Pole / Task / Stanchion

Mounting Height: 6m and lower

SafeSite® LED Lighting Fixtures

for Hazardous Applications



LED High Bay

Wattage Range: 150 - 172W

9,500 - 14,500lm **Lumen Output Range:**

Lumens per Watt: 63 - 81

Input Voltage: 100 - 277V AC

Mounting: Overhead / Ceiling / High Bay

Mounting Height: 10m and lower



LED Linear & LED Emergency Linear

- Stainless Steel

Wattage Range: 34W / 67W **Lumen Output Range:** 2.600 - 5.100lm

Lumens per Watt: 81

Input Voltage: 100 - 250V AC

Overhead / Wall / Pole Mounting:

6m and lower **Mounting Height:**



LED Area Light

Wattage Range: 22 - 58W

Lumen Output Range: 2,000 - 7,500lm

Lumens per Watt: 79 - 117

Input Voltage: 110 - 277V AC Mounting: Ceiling / Wall / Pole

Mounting Height: 6m and lower









LED Bulkhead & **LED Emergency Bulkhead**

Wattage Range: 22W / 34W

Lumen Output Range: 1,200 - 2,250

Lumens per Watt: 55 - 66

Input Voltage: Wall / Pole / Task / Stanchio

Mounting Height:





IEC IECEX EX



SafeSite® LED Transportable Range

for Hazardous Applications



SafeSite LED Transportable High Bay

Wattage Range: 150 - 172W
Lumen Output Range: 9,500 - 14,500lm

Lumens per Watt: 63 - 84

Input Voltage: 100 - 277V AC









SafeSite LED Transportable Bulkhead

Wattage Range: 34W
Lumen Output Range: 2,250lm
Lumens per Watt: 66

Input Voltage: 100 - 277V AC







StreetSense® LED Street Light

for Industrial and Hazardous Applications



StreetSense LED Street Light

Wattage Range: 65 - 252W

Lumen Output Range: 5,500 - 20,250lm

Lumens per Watt: 80 - 85

Input Voltage: 100 - 277V AC



StreetSense LED Street Light - ATEX

Wattage Range: 65 - 252W

Lumen Output Range: 5,500 - 20,250lm

Lumens per Watt: 80 - 85

Input Voltage: 100 - 277V AC









Hazardous Area Ratings

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







7ones

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

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 incentive 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							

Vigilant® LED High Bay - 60,000lm for Industrial Applications



Ratings and Certifications
• L70 >100,000 hours @ 25°C ambient
• CE
• IP66
• IK05 to EN50102
10yr full performance warranty

Mechanical Information					
Fixture weight: 27 kg (591 lbs)					
Shipping weight: 33 kg (73lbs)					
Note: the wire box is installed seperately from the housing. This allows single installer for fixtures.					
Marintina	Hook mount				
Mounting:	(4) N 400 = i=l==				

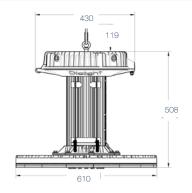
Specifications						
Voltage options:	120 – 277V AC	Housing:	Copper free aluminium			
Operating temp:	-40°C to +65°C	Len:	Tempered glass			
Power factor:	>0.9	CRI:	75			
THD:	<20%	CCT:	5000K (cool white)			
Surge protection:	6kV/2 ohm combination wave, as per		4000K (neutral white)			
	IEEE C62.41, line-line and line-ground					

Co	omparison	
	Warranty	L-70
Dialight High Bay	10yr	>100,000
Metal Halide	1	15,000
High Pressure Sodium	1	20,000

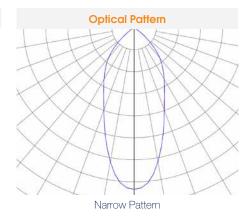
(4) M20 - sides

Lumens	Wattage	lm/W	Mounting Heights
60,000	480	125	30m and lower

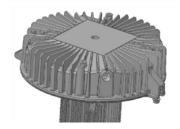
Dimensions



Dimension are in mm



120 - 277V AC



Wiring Box



Top Hat Hinge

Vigilant® LED High Bay - 60,000lm

Ordering Information and Mounting Accessories

Part Number	Initial Fixture Lumens	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Light Distribution
120 - 277V AC Models								
H6EGNC44N-HNNG	60,000	480	125	IP66	120 - 277V AC	5000K (cool white)	Tempered glass	Narrow
H6EGNN44N-HNNG	60,000	480	125	IP66	120 - 277V AC	4000K (neutral white)	Tempered glass	Narrow

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



H6XCAB72

• 1.8M long steel safety rope

Vigilant® H2 Series LED High Bay

for Industrial Applications



Ratings and Certifications
• L70 >100,000 hours @ 25°C ambient
• CE
• IP66 to EN60529
• IK05 to EN50102
10yr full performance warranty

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

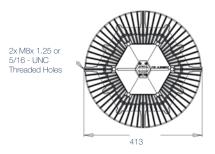
Mechanical Information					
Fixture weight:	8.16 kg (18 lbs)				
Shipping weight:	10.8 kg (24 lbs)				
Mounting:	Hook (supplied) or				
	Swivel bracket (separately				
Cabling:	3m PVC Power Cord				

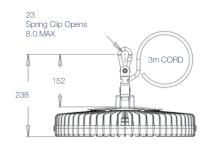
	Specifications		
Voltage options:	110 - 277V AC	Housing:	Copper free aluminium
Operating temp:	-40°C to +65°C	Lens:	Tempered glass
Power factor:	>0.9	CRI:	75
THD:	<20%	CCT:	5000K (cool white)
Surge protection:	Protection devices capable of handling up to 6kV. Tested for 6kV/2 ohm combination wave, as per IEEE C62.41, line-line and line-ground		

Comparison							
Warranty L-70							
Dialight High Bay	10yr	>100,000					
Metal Halide	1	15,000					
High Pressure Sodium	1	20,000					

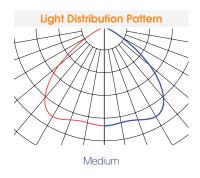
Lumens	Wattage	lm/W	Mounting Heights
25,250	180	140	25m and lower

Dimensions





Dimension are in mm



Resources

Vigilant® H2 Series LED High Bay

Ordering Information and Mounting Accessories

Part Number	Initial Fixture Lumens	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Light Distribution
	Standard Models							
H2EGMC4NN-HNG	25,250	180	140	IP66	110 - 277V AC	5000K (cool white)	Tempered glass	Medium
	Variable Dimming Models							
H2EGMC4ND-HNG	25,250	180	140	IP66	110 - 277V AC	5000K (cool white)	Tempered glass	Medium

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



Hook

Included as standard



FLX-THBX-SS

• 304 Stainless Steel Forward Throw Bracket



HBXW3-SSL-316M

- 316 Stainless Steel Adjustable Locking Bracket HBXW3-SSL-304M
- 304 Stainless Steel Adjustable Locking Bracket



HBXW3

 Aluminium Swivel Bracket

HBXW3-SS

• Stainless Steel Swivel Bracket



HBXSBDK

LED High Bay textured dome lens

HBXSBDL

 LED High Bay sacrificial dome lens



HBXGS

 Glare Shield- Grey (RAL7001) powder coated spun aluminum (interior use only, for use with flat lens options)



HBXSBK

 LED High Bay textured flat lens

HBXSBL

 LED High Bay sacrificial flat lens

Vigilant® LED High Bay

for Industrial Applications



Ratings and Certifications						
• L70 >100,000 hours @ 25°C ambient						
• CE						
• IP66						
• IK05						
10yr full performance warranty						
• D-Marking to EN60598 2-24						

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

Mechanical Information				
Fixture weight:	8.16 kg (18 lbs)			
Shipping weight:	10.8 kg (24 lbs)			
Mounting:	(Hook (supplied) or			
	Swivel bracket (separately			
Cabling:	3m PVC Power Cord			

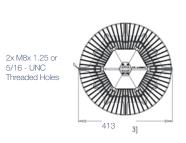
	Specification	s	
Voltage options:			
100 – 277V AC	11,000lm, 14,000lm & 18,000lm models	Housing:	Copper free aluminium
110 - 277V AC	25,750, 26,500lm models	Lens:	Tempered glass
Operating temp:	-40°C to +65°C		Polycarbonate flat or dome available
Power factor:	>0.9		Acrylic flat or dome available
THD:	<20%	CRI:	75
Surge	Protection devices capable of handling up		80 min. option available
protection:	to 6kV. Tested for 6kV/2 ohm combination wave, as per IEEE C62.41, line-line and	CCT:	5000K (cool white)
	line-ground		4000K (neutral white)

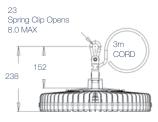
Comparison							
Warranty L-70							
Dialight High Bay	10yr	>100,000					
Metal Halide	1	15,000					
High Pressure Sodium	1	20,000					

Lumens	Wattage	lm/W	Mounting Heights
26,500	212	125	25m
25,750	204	125	A
18,000	144	125	
14,000	112	125	₩
11,000	88	125	5m

Control Options

Dimensions





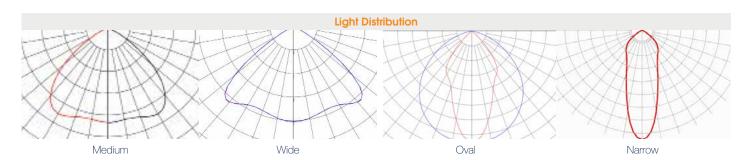
Dimension are in mm



Occupancy Sensor



DALI or Wireless Controls



Resources

Resources:
Datasheet: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDEXHB125EUX001.pdf • Case Studies, IES Files, LM79 Reports: www.dialight.com

Vigilant® LED High Bay

Ordering Information

Part Number	Initial Fixture Lumens	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Light Distribution
				Star	ndard Models			
HEEGMC4PN-HNG	26,500	212	125	IP66	110 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEEGRC4PN-HNG	26,500	212	125	IP66	110 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEEGNC4PN-HNG	26,500	212	125	IP66	110 - 277V AC	5000K (cool white)	Tempered glass	Narrow
HEEGMC4KN-HNG	18,000	144	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEEGRC4KN-HNG	18,000	144	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEEGNC4KN-HNG	18,000	144	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Narrow
HEEGEC4KN-HNG	18,000	144	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Oval
HEEGMC4GN-HNG	14,000	112	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEEGRC4GN-HNG	14,000	112	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEEGNC4GN-HNG	14,000	112	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Narrow
HEEGEC4GN-HNG	14,000	112	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Oval
HEEGMC4DN-HNG	11,000	88	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEEGRC4DN-HNG	11,000	88	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEEGNC4DN-HNG	11,000	88	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Narrow
HEEGEC4DN-HNG	11,000	88	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Oval
				Variable	Dimming Models			
HEEGMC4PD-HNG	26,500	212	125	IP66	110 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEEGRC4PD-HNG	26,500	212	125	IP66	110 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEEGMC4KD-HNG	18,000	144	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEEGRC4KD-HNG	18,000	144	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEEGMC4GD-HNG	14,000	112	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEEGRC4GD-HNG	14,000	112	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEEGMC4DD-HNG	11,000	88	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEEGRC4DD-HNG	11,000	88	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Wide
				Occupan	ncy Sensor Models			
HEEGMC4PK-JNG	26500	212	125	IP54	110 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEEGRC4PK-JNG	26500	212	125	IP54	110 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEEGNC4PK-JNG	26500	212	125	IP54	110 - 277V AC	5000K (cool white)	Tempered glass	Narrow
HEEGMC4KK-JNG	18,000	144	125	IP54	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEEGRC4KK-JNG	18,000	144	125	IP54	100 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEEGNC4KK-JNG	18,000	144	125	IP54	100 - 277V AC	5000K (cool white)	Tempered glass	Narrow
HEEGMC4GK-JNG	14,000	112	125	IP54	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEEGRC4GK-JNG	14,000	112	125	IP54	100 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEEGNC4GK-JNG	14,000	112	125	IP54	100 - 277V AC	5000K (cool white)	Tempered glass	Narrow
HEEGMC4DK-JNG	11,000	88	125	IP54	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEEGRC4DK-JNG	11,000	88	125	IP54	100 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEEGNC4DK-JNG	11,000	88	125	IP54	100 - 277V AC	5000K (cool white)	Tempered glass	Narrow

Models in the table are in cool white (5,000K CCT), for models in neutral white (4,000K CCT) replace the 6th character with an N. Example HEEGMC4PN-HNG becomes HEFGMM4PN-HNG. Deduct 8% from lumen values when specifying neutral white.

becomes HEEGMN4PN-HNG. Deduct 8% from lumen values when specifying neutral white.

For models needing a safety bracket replace the 11th character with an S. Example HEEGMC4PN-HNG becomes HEEGMC4PN-HSG



Vigilant® LED High Bay - VDE / ENEC

for Industrial Applications



Part Number	Initial Fixture Lumen	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Light Distribution
				Hook Mc	ounting - 10 Year War	ranty		
HEVGMC4PN-HNG	24,500	212	114	IP66	110 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEVGRC4PN-HNG	24,500	212	114	IP66	110 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEVGMC4KN-HNG	16,500	144	114	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEVGRC4KN-HNG	16,500	144	114	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEVGMC4GN-HNG	13,750	112	122	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEVGRC4GN-HNG	13,750	112	122	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEVGMC4DN-HNG	10,750	88	122	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEVGRC4DN-HNG	10,750	88	122	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Wide

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

¹Models in part number table are in cool white (5,000K CCT), for models needing neutral White (4,000K CCT) replace the 6th character with an N. Example HEVGMQ4PN-HNG

becomes HEVGM\04PN-HNG. Deduct 8% from lumen values when specifying neutral white.

For models needing a safety bracket replace the 11th character with an \(\textit{S}\). Example HEVGMC4PN-H\(\textit{N}\)G becomes HEVGMC4PN-H\(\textit{S}\)G

Part numbers listed in the tables above come with a glass lens. For models needing a polycarbonate domes lens, replace the 4th character with an \(\textit{L}\). Example HEVGMC4PN-HNG $becomes \ HEV_MC4PN-HNG. \ For models \ needing \ a \ flat \ acrylic \ lens, \ replace \ the \ 4th \ character \ with \ a_1. \ Example \ HEV_MC4PN-HNG \ becomes \ HEV_MC4PN-HNG.$

Vigilant® LED High Bay

Mounting Accessories



Hook

Included as standard



FLX1HBXSS

 304 Stainless Steel forward Throw Bracket



HBXW3-SSL-316M

• 316 Stainless Steel Adjustable Locking Bracket

HBXW3-SSL-304M

• 304 Stainless Steel Adjustable Locking Bracket



HBXW3

 Aluminium Swivel Bracket

HBXW3-SS

 Stainless Steel Swivel Bracket



HBXSBDK

• LED High Bay textured dome lens

HBXSBDL

• LED High Bay sacrificial dome lens



HBXGS

 Glare Shield- Grey (RAL7001) powder coated spun aluminum (interior use only, for use with flat lens options)



HBXSBK

 LED High Bay textured flat lens

HBXSBL

 LED High Bay sacrificial flat lens

Vigilant® LED Dual Floodlight

for Industrial Applications



Ratings and Certifications
• CE
• IP66
• L70 >100,000 hours @ 25°C ambient
10yr full performance warranty
*All features not available on every model. Please refer to product part number pages

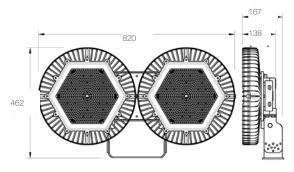
Mechanical Information					
Fixture weight: 23 kg (56 lbs)					
Shipping weight:	27 kg (60 lbs)				
EPA (Sq.ft):	2.69				
Mounting:	304 Stainless Steel Trunnion mounting bracket included				
Entries:	(2) M20 cable entries				

Specifications							
Voltage options:	120 – 277V AC	Housing:	Copper free aluminium				
Operating temp:	-40°C to +65°C	Len:	Tempered glass				
Power factor:	>0.9	CRI:	75				
THD:	<20%	CCT:	5000K (cool white)				
Surge protection:	6kV/2 ohm combination wave, as per IEEEC62.41, line-line and line-ground		4000K (neutral white)				

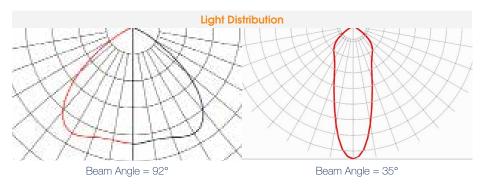
Comparison							
Warranty L-70							
Dialight High Bay	10yr	>100,000					
Metal Halide	1	15,000					
High Pressure Sodium	1	20,000					

Lumens	Wattage	lm/W	Mounting Heights
55,000	424	123	25m and lower
53,000	424	125	

Dimensions



Dimension are in mm



Resources

Vigilant® LED Dual Floodlight

Ordering Information and Mounting Accessories

Part Number	Initial Fixture Lumens	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Beam Angle	Field Angle
FLEB66MC2NG	55,000	424	130	IP66	120 - 277V AC	5000 (cool white)	Tempered glass	35°	108°
FLEBMOMC2NG	53,000	424	125	IP66	120 - 277V AC	5000 (cool white)	Tempered glass	92°	120°

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

¹Additional NEMA optics coming soon. Please consult factory for details.



HZXCBL2

· Safety Cable Kit

Vigilant® LED High Bay with DALI or Wireless Controls

for Industrial Applications



Ratings and Certifications (High Bay)	
• L70 >100,000 hours @ 25°C ambient	
• CE	
• IP66	
• IK05	
10yr full performance warranty	

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

Mechanical Information (Gateway) Fixture weight: 3.18 kg (7 lbs) Mounting: Four 6.35mm (.25 in) flat surface wall mounting screw holes Dimensions 241.3mm width 241.3mm height 50.8mm depth

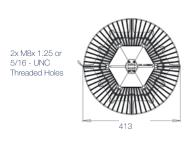
Specifications (Gateway)						
Housing: Aluminium, plastic available (consult factory)						
Voltage options:	120 - 277V AC					
Operating temp:	-40°C to +65°C					
Network Adapter: RJ45 10/100MB Ethernet port						

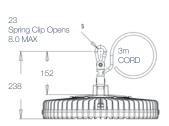
Lighting Control Features
On / Off Control
• Dimming
Grouping
Scheduling
Protocol - Wireless or DALI

Mechanical Information (High Bay)					
Fixture weight:	8.16 kg (18 lbs)				
Shipping weight:	10.8 kg (24 lbs)				
Mounting:	Hook or swivel bracket (supplied separately)				
Cabling:	3.05m (10') STOOW Power Cord				

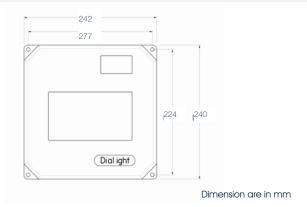
	Specifications (High I	Bay)	
Voltage options:			
100 – 277V AC	11,000lm, 14,000lm & 18,000lm models	Housing:	Copper free aluminium
110 – 277V AC	26,500lm models	Lens:	Tempered glass
Operating temp:	-40°C to +65°C	CRI:	75
Power factor:	>0.9	CCT:	5000K (cool white)
THD:	<20%		4000K (neutral white)
Surge protection:	Protection devices capable of handling up wave, as per IEEE C62.41, line-line and line		ed for 6kV/2 ohm combination

LED High Bay Dimensions





Controller Dimensions



Resources

Vigilant® LED High Bay with DALI or Wireless Controls

Ordering Information and Mounting Accessories

Part Number	Initial Fixture Lumens	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Light Distribution
Vigilant LED High Bay - Jennet 2.4GHz								
HEEGMC4PJ-HNG	26,500	213	124	IP66	110 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEEGRC4PJ-HNG	26,500	213	124	IP66	110 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEEGMC4KJ-HNG	18,000	145	124	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEEGRC4KJ-HNG	18,000	145	124	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEEGMC4GJ-HNG	14,000	113	124	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEEGRC4GJ-HNG	14,000	113	124	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEEGMC4DJ-HNG	11,000	89	124	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEEGRC4DJ-HNG	11,000	89	124	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Wide
			Vigi	lant LED High	Bay - DALI Protoc	ol		
HEEGMC4PA-HNG	26,500	213	124	IP66	110 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEEGRC4PA-HNG	26,500	213	124	IP66	110 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEEGMC4KA-HNG	18,000	145	124	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEEGRC4KA-HNG	18,000	145	124	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Wide

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

²For models needing safety bracket replace the 10th character with an S. Example: HEEMC4PJ-HNG becomes HEEMC4PN-HSG



WOS-U12BG

• Wireless Occupancy Sensor - see pages 24 & 25

¹Part numbers in the table above are in cool white (5,000K CCT). For models needing neutral white (4,000K CCT), replace the first <u>C</u> with an <u>N</u>. Example: HEEGM<u>C</u>4PJ-HNG becomes HEEGM<u>N</u>4PJ-HNG. Deduct 8% from lumen values when specifying neutral.

Wireless Occupancy Sensor

for Industrial applications



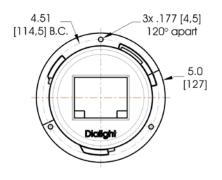
LED High Bay Rating	gs and Certifications
• CE	• CSA 22.2 #205
• UL 916	• IP66

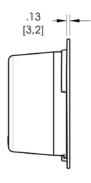
*All features not available on every model.	Please refer to product part number pages for model
specifics.	

High Bay Mechanical information				
Fixture weight:	10 oz (283 g)			
Shipping weight:	18 oz (510 g)			
Mounting:	Mounting plate (comes with sensor)			
Cabling:	10' (3.5m) STOOW Power Cord			

High Bay Specifications				
Voltage options:	3.3V via 2 – AA Lithium Batteries	Housing:	UV stabilized polycarbonate	
Operating temp:	-40°F to +149°F (-40°C to +65°C)	Lens:	Fresnel	

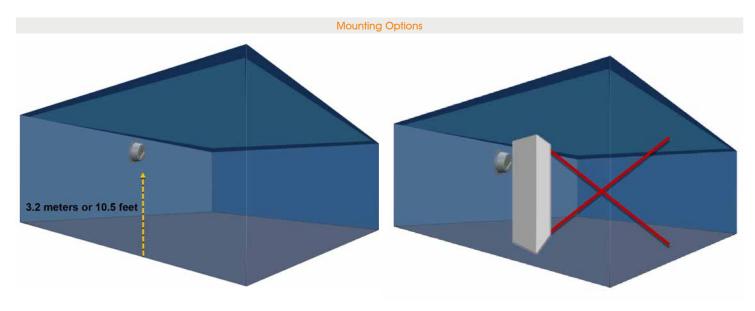
Dimensions





Wireless Occupancy Sensor

for Industrial applications



The long range sensor is best used as a wall mounted sensor. The recommended install for this sensor is 3.2 meters or 10.5 feet from the floor

Avoid placing sensors where obstacles can block the sensors line of sight.

Dimensions in inches [mm]

Part number	Voltage	Lens
WOSU12BG	3.3V via 2 – AA lithium batteries	Fresnel

DuroSite® LED High Bay with DALI or Wireless Controls

for Industrial Applications



Ratings and Certifications (High Bay)
• L70 >100,000 hours @ 25°C ambient
• CE
• IP66
• IK05
10yr full performance warranty

Mechanical Information (Gateway)			
Fixture weight:	3.18 kg (7 lbs)		
Mounting:	Four 6.35mm (.25 in) flat surface wall mounting screw holes		
Dimensions	241.3mm width 241.3mm height 50.8mm depth		

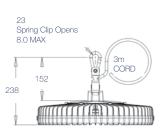
Specifications (Gateway)		Lighting Control Features
Housing:	Aluminium, plastic available	On / Off Control
	(consult factory)	• Dimming
Voltage options:	120 - 277V AC	Grouping
Operating temp:	-40°C to +65°C	Scheduling
Network Adapter:	RJ45 10/100MB Ethernet port	
		Protocol - Wireless or DALI

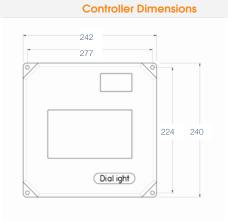
Mechanical Information (High Bay)			
Fixture weight:	7.7kg (17 lbs)		
Shipping weight:	10.43kg (23 lbs)		
Mounting:	Hook or swivel bracket (supplied separately)		
Cabling:	3.5m (10') STOOW Power Cord		

LED High Bay Dimensions

Specifications (High Bay)					
Voltage options:	100 - 277V AC	Housing:	Copper free aluminium		
Operating temp:	-40°C to +65°C	Lens:	Tempered glass		
Power factor:	>0.9		Polycarbonate		
THD:	<20%	CRI:	75		
Protection devices capable of handling up to 6kV. Tested for 6kV/2 ohm		CCT:	5000K (cool white)		
Surge protection	combination wave, as per IEEE C62.41, line-line and line-ground		4000K (neutral white)		

2x M8x 1.25 or 5/16 - UNC Threaded Holes 238





Dimension are in mm

Resources

DuroSite® LED High Bay with DALI or Wireless Controls

Ordering Information and Mounting Accessories

Part Number	Initial Fixture Lumens	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Light Distribution
			Vigil	ant LED High	Bay - Jennet 2.4GI	-lz		
HBGCMP-EUH-Z2	17,000	175	97	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HBGNMP-EUH-Z2	15,500	175	89	IP66	100 - 277V AC	4000K (neutral white)	Tempered glass	Medium
HB2CMP-EUH-Z2	14,750	175	84	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	Medium
HBGC4P-EUH-Z2	14,500	151	96	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HBEC4P-EUH-Z2	13,500	164	82	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Oval
HGGN4P-EUH-Z2	12,750	157	81	IP66	100 - 277V AC	4000K (neutral white)	Tempered glass	Medium
HB2C4M-EUH-Z2	10,000	151	66	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	Medium
			Vigi	lant LED High	Bay - DALI Protoc	ol		
HBGCMP-EUH-D1	17,000	175	97	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HBGC4P-EUH-D1	14,000	157	89	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Medium

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



WOS-U12BG

• Wireless Occupancy Sensor - see pages 24 & 25

DuroSite® LED High Bay

for Industrial Applications





Ratings and Certifications
• L70 >100,000 hours @ 25°C ambient
• CE
VDE Options
• IP66
• IK10
5yr / 10yr full performance warranty

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

Mechanical Information					
Fixture weight:	8kg (18 lbs)				
Shipping weight:	11kg (24lbs)				
Mounting	(Hook (supplied) or				
Mounting:	Swivel bracket (separately)				
Cabling:	3m (10') PVC Power Cord				

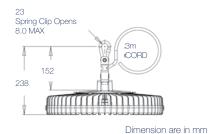
Specifications							
Voltage options:	100 - 277V AC	Housing:	Copper free aluminlum				
Operating temp:	-40°C to +65°C	Lens:	Polycarbonate				
	70°C option available		Glass options available				
Power factor:	>0.9	CRI:	75				
THD:	<20%		80 min. option available				
	6kV/2 ohm, 1.2/50us, 8/20us	CCT:	5000K (cool white)				
Surge protection:	combination wave, as per IEEE C62.41, line-lineand line-ground		4000K (neutral white)				

Co	Comparison								
Warranty L-70									
Dialight High Bay	5 / 10 yr	>100,000							
Metal Halide	1	15,000							
High Pressure Sodium	1	20,000							

Lumens	Wattage	lm/W	Mounting Heights
17,500	172	102	25m
15,000	172	87	^
14,500	161	90	
13,500	161	84	
11,750	146	80	
11,500	146	79	
10,750	146	74	∀
10,000	146	68	5m

Dimensions

2x M8x 1.25 or 5/16 - UNC Threaded Holes



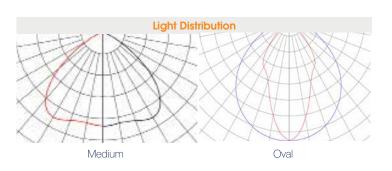
Control Options





Occupancy Sensor

DALI or Wireless Controls



Resources

DuroSite® LED High Bay

Ordering Information

	Initial			IP		Colour	Lens		Light
Part Number	Fixture Lumens	Wattage	Lm/W	Rating	Voltage	Temperature (CCT)	Clear	Diffused	Distribution
				Stand	lard Models - 10	Year Warranty			
HBGCMP-EUH	17,500	172	102	IP66	100 - 277V AC	5000K (cool white)	Tempered glass		Medium
HBGC4P-EUH	14,500	161	90	IP66	100 - 277V AC	5000K (cool white)	Tempered glass		Medium
HBLCMP-EUH	15,000	172	87	IP66	100 - 277V AC	5000K (cool white)		Polycarbonate	Medium
HBEC4P-EUH	13,500	161	84	IP66	100 - 277V AC	5000K (cool white)	Tempered glass		Oval
				Stand	dard Models - 5 Y	ear Warranty			
HBEC4N-EUH	11,750	146	80	IP66	100 - 277V AC	5000K (cool white)	Tempered glass		Oval
HB0C4M-EUH	10,750	146	74	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate		Medium
HB2C4M-EUH	10,000	146	68	IP66	100 - 277V AC	5000K (cool white)		Polycarbonate	Medium
HB7C4M-EUH	10,000	146	68	IP66	100 - 277V AC	5000K (cool white)		Polycarbonate	Oval
				70°	°C Models - 5 Yea	ar Warranty			
HLGC4AN-EUH-70°C	17,000	270	63	IP66	100 - 277V AC	5000K (cool white)	Tempered glass		Medium
HBGC4P-EUH-70°C	14,000	172	81	IP66	100 - 277V AC	5000K (cool white)	Tempered glass		Medium
HBGCMP-EUH-70°C	12,000	172	70	IP66	100 - 277V AC	5000K (cool white)	Tempered glass		Medium
			С	ccupanc	y Sensor Models	- 10 Year Warranty			
HBJGCMP-EUOS	17,500	172	102	IP66	100 - 277V AC	5000K (cool white)	Tempered glass		Medium
			(Occupano	y Sensor Models	- 5 Year Warranty			
HBJ0C4M-EUOS	10,750	146	73	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate		Medium
HBJ2C4M-EUOS	10,000	146	68	IP66	100 - 277V AC	5000K (cool white)		Polycarbonate	Medium
HBJ7C4M-EUOS	10,000	146	68	IP66	100 - 277V AC	5000K (cool white)		Polycarbonate	Oval
			١	/ariable D	imming Models -	- 10 Year Warranty			
HBGCMP-EUDH	17,500	172	102	IP66	100 - 277V AC	5000K (cool white)	Tempered glass		Medium
HBGC4P-EUDH	14,500	161	90	IP66	100 - 277V AC	5000K (cool white)	Tempered glass		Medium
HBEC4P-EUDH	13,000	150	87	IP66	100 - 277V AC	5000K (cool white)	Tempered glass		Oval
				Variable [Dimming Models	- 5 Year Warranty			
HBEC4N-EUDH	11,750	146	80	IP66	100 - 277V AC	5000K (cool white)	Tempered glass		Medium
HB0C4M-EUDH	10,750	146	73	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate		Medium
HB2C4M-EUDH	10,000	146	68	IP66	100 - 277V AC	5000K (cool white)		Polycarbonate	Medium
HB7C4M-EUDH	10,000	146	68	IP66	100 - 277V AC	5000K (cool white)		Polycarbonate	Oval
			Occupa	ncy Sens	or with Dimming	Models - 5 Year Warr	anty		
HBJGCMP-EUOSD	17,500	172	102	IP66	100 - 277V AC	5000K (cool white)	Tempered glass		Medium
HBJ0C4M-EUOSD	10,750	146	73	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate		Medium
HBJ2C4M-EUOSD	10,000	146	68	IP66	100 - 277V AC	5000K (cool white)		Polycarbonate	Medium
HBJ7C4M-EUOSD	10,000	146	68	IP66	100 - 277V AC	5000K (cool white)		Polycarbonate	Oval

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

Notes for all models:

^{&#}x27;Part numbers in the table above are in cool white (5,000K CCT). For models needing neutral white (4,000K CCT), replace the first C in the part code with an N. Example: HBGCMP-EUH becomes HBGNMP-EUH. Deduct 8% from lumen values when specifying neutral.

^{*}Part numbers listed in the above table are 70 CRI cool white. For 80 CRI cool white models replace the first Q in the part code with a B Ex: HB1Q4N-EUH becomes HB1B4N-EUH. For 80 CRI neutral white models replace the first N in the part code with an M e.g.: HB1N4N-EUH become HB1M4N-EUH. Choosing 80 CRI will decrease the lumen

Third party occupancy sensors contained in or attached to the products are covered by the applicable manufacturer warranty.

Notes for standard models:

Numbers listed in the tables above come with a flat lens. These can be ordered with a polycarbonate dome lens; replace the 3rd character with an $\underline{\underline{L}}$ e.g.: HBGC4N-EUH becomes HBLC4N-EUH

^{*}For junction box models; add a _l after the 2nd character e.g.: HB1C4N-EUH becomes HB_1C4N-EUH *Initial fixture lumens is at 70°C ambient for 70°C models

DuroSite® LED High Bay - VDE

Ordering Information





	Initial			IP		IP Voltage	Im/W I	ColoutrTemperature	Ler	ıs	Light
Part Number	Fixture Lumen	Wattage	Lm/W		Rating			Voltage		(CCT)	Clear
				Hook	Mounting - 10 Ye	ear Warranty					
HBGCMP-EUH-DE	16,750	166	101	IP66	100 - 277V AC	5,000K (cool white)	Tempered glass		Medium		
HBGC4P-EUH-DE	14,250	150	95	IP66	100 - 277V AC	5650K (cool white)	Tempered glass		Medium		
HB0C4M-EUH-DE	10,500	140	75	IP66	100 - 277V AC	5650K (cool white)	Polycarbonate		Medium		
HB2C4M-EUH-DE	10,000	138	72	IP66	100 - 277V AC	5650K (cool white)		Polycarbonate	Medium		

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

DuroSite® LED High Bay

Mounting Accessories



Hook

Included as standard



FLX-THBX-SS

• 304 Stainless Steel forward Throw Bracket



HBXW3-SSL-316M

 316 Stainless Steel Adjustable Locking Bracket

HBXW3-SSL-304M

• 304 Stainless Steel Adjustable Locking Bracket



HBXW3

 Aluminium Swivel Bracket

HBXW3-SS

• Stainless Steel Swivel Bracket



HBXSBDK

LED High Bay textured dome lens

HBXSBDL

• LED High Bay sacrificial dome lens



HBXGS

 Glare Shield- Grey (RAL7001) powder coated spun aluminum (interior use only, for use with flat lens options)



HBXSBK

• LED High Bay textured flat lens

HBXSBL

 LED High Bay sacrificial flat lens

DuroSite® LED Floodlight

for Industrial Applications



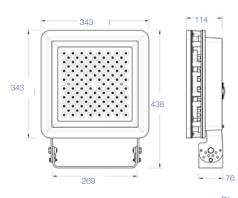
Ratings and Certifications
• L70 >100,000 hours @ 25°C ambient
• CE
• IP66/67
10yr full performance warranty

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

Mechanical	Information
Fixture weight:	
13,500 - 15,000 lm:	14 kg (30 lbs)
10,750 - 11,500 lm:	12 kg (27 lbs)
Shipping weight:	
13,500 - 15,000 lm:	15.5 kg (34 lbs)
10,750 - 11,500 lm:	14 kg (31 lbs)
Mounting:	304 Stainless Steel Trunnion mounting bracket included
Entry:	(2) M20 cable entries

	Specifications		
Voltage options:	100 - 277V AC	Housing:	Die cast aluminium
Operating temp:	-40°C to +65°C	Lens:	Tempered glass
Power factor:	>0.9	CRI:	75
THD:	<20%	CCT:	5000K (cool white)
Surge protection:	EN 61000-4-5 6kV line-to-line, 6kV line-to-ground		

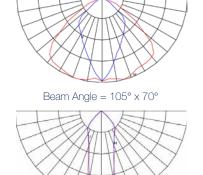
Dimensions



Lumens	Wattage	lm/W	Mounting Heights
15,000	130	115	15m
14,750	130	113	
14,500	140	104	
13,500	140	96	
11,500	109	105	
11,250	109	103	
11,000	109	101	
10,750	109	96	
10,500	109	99	V

	Comparison	
	Warranty	L-70
Dialight Floodlight	10yr	>100,000
Metal Halide	1	15,000
High Pressure Sodium	1	20,000

Dimension are in mm



Beam Angle = 27°



Beam Angle = 70° x 105°

Beam Angle = 26°

Beam Angle = 45°

Beam Angle = 12°

DuroSite® LED Floodlight

Ordering Information and Mounting Accessories

Part Number	Initial Fixture Lumens	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Beam Angle	Field Angle
FLE466MC4NG	15,000	130	115	IP66/67	100 - 277V AC	5000K (cool white)	Tempered glass	45°	115°
FLE476MC4NG	14,750	130	113	IP66/67	100 - 277V AC	5000K (cool white)	Tempered glass	105° x 70°	140° x 115°
FLE467MC4NG	14,750	130	113	IP66/67	100 - 277V AC	5000K (cool white)	Tempered glass	70° x 105°	115° x 140°
FLE455MC4NG	14,500	140	104	IP66/67	100 - 277V AC	5000K (cool white)	Tempered glass	27°	93°
FLE444MC4NG	14,500	140	104	IP66/67	100 - 277V AC	5000K (cool white)	Tempered glass	26°	52°
FLE422MC4NG	13,500	140	96	IP66/67	100 - 277V AC	5000K (cool white)	Tempered glass	12°	23°
FLE276MC2NG	11,500	109	105	IP66/67	100 - 277V AC	5000K (cool white)	Tempered glass	45°	115°
FLE267MC2NG	11,500	109	105	IP66/67	100 - 277V AC	5000K (cool white)	Tempered glass	105° x 70°	140° x 115°
FLE266MC2NG	11,250	109	103	IP66/67	100 - 277V AC	5000K (cool white)	Tempered glass	70° x 105°	115° x 140°
FLE255MC2NG	11,000	109	101	IP66/67	100 - 277V AC	5000K (cool white)	Tempered glass	27°	93°
FLE244MC2NG	10,500	109	96	IP66/67	100 - 277V AC	5000K (cool white)	Tempered glass	26°	52°
FLE222MC2NG	10,750	109	99	IP66/67	100 - 277V AC	5000K (cool white)	Tempered glass	12°	23°

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



FLX-1RAB-20DB

 Right angle mounting bracket for 2-3/8" light mount



FLX-3RPA-20DB

• Reducer for 3" OD round pole top for 2-3/8" light mount

FLX-4RPA-20DB

• Reducer for 4" OD round pole top for 2-3/8" light mount



FLX-4SPA-20DB

 Internal tenon adaptor for 4" sqaure pole top to 2-3/8" light mount

FLX-5SPA-20DB

• Internal tenon adaptor for 5" sqaure pole top to 2-3/8" light mount

FLX-6SPA-20DB

• Internal tenon adaptor for 6" sqaure pole top to 2-3/8" light mount



HZXSAFECBLS

Safety Cable Kit



FLX-1TPT-20DB

• Tenon Pole Topper, 2-3/8" Mount

DuroSite® LED Linear - Low Profile

for Industrial Applications



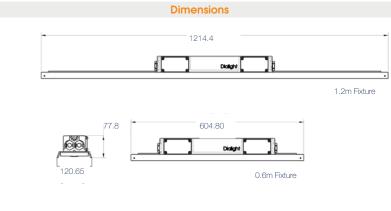
Ratings and Certifications
• L70 >100,000 hours @ 25°C ambient
• CE
• IP66/67
• 5yr full performance warranty
*All features not available on every model. Please refer to product part number pages for

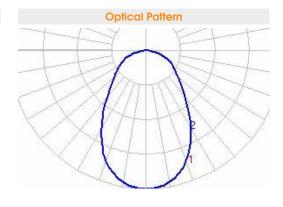
Mechanical Information				
Fixture weight:	6 kg (13 lbs) - 1.2 m (4') 5 kg (10 lbs) - 0.6 m (2')			
Shipping weight:	10 kg (18 lbs) - 1.2 m (4') 9 kg (15 lbs) - 0.6 m (2')			
Mounting:	(4) M25 openings Factory-installed 316 stainless steel swivel bracket - LPXW4			

	Specifications		
Voltage options:	100 - 277V AC	Housing:	Powder coated aluminium
Operating temp:	-40°C to +65°C	Lens:	Polycarbonate
Power factor:	>0.9	CRI:	75
THD:	<20%	CCT:	5000K (cool white)
Surge protection:	EN 61000-4-5 4 kV line to line, 4 kV line to ground		

Comparison					
Warranty L-70					
Dialight Linear	5yr	>100,000			
Fluorescent	1	24,000			

Lumens	Wattage	lm/W	Mounting Heights
6,700	66	102	6m
			‡
3,300	33	100	3m





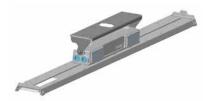
Dimension are in mm

Medium Pattern

Mounting Options



Side Mount - LPXW4 (included)



Top Mount - LPXW4 (included)

Raeni iroae

DuroSite® LED Linear - Low Profile

Ordering Information and Mounting Accessories

Part Number	Length	Initial Fixture Lumens	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature	Lens	Light Distribution
LPE3C4B2W	2' (0.6m)	3,300	33	100	IP66/67	100-277V AC	5000K (cool white)	Diffused	Medium
LPE3C4H2W	4' (1.2m)	6,700	66	102	IP66/67	100-277V AC	5000K (cool white)	Diffused	Medium

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



LPXW4LP

 Low profile mounting bracket, can be angled at 0° and 15°



LPXW4 (included)

 Mounting bracket, can be angled at 0°, 30°, 45°, 60°, & 90°



LTXENDCAPKIT

 Chain mount and secondary retention bracket



LTXSAFEKIT

 Safety cable kit for secondary retention

^{*}Part numbers listed in the above table are cool white. For neutral white model replace the 5th character with N. Ex. LPE3Q4B2W becomes LPE3N4B2W. Deduct 8% from lumen values when specifying neutral.

DuroSite® LED Stainless Steel Linear

for Industrial Applications



Ratings and Certifications
• L70 >100,000 hours @ 25°C ambient
• CE
• IP66/67
• IK09
5yr full performance warranty

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

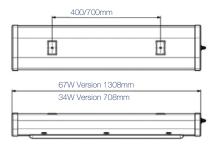
Mechanical Information				
Find we we include	Standard: 1308mm - 11.4 kg (25.1lbs) 708mm - 6.5 kg (15 lbs)			
Fixture weight:	Emergency: 1450mm - 14.2 kg (31 lbs) 850mm - 8.8 kg (20 lbs)			
Shipping weight:	Standard: 1308mm - 14.2 kg (31.3lbs) 708mm - 9.1 kg (20 lbs)			
	Emergency: 1450mm - 17.2 kg (38 lbs) 850mm - 11 kg (25 lbs)			
Mounting:	(2) M8 fixing points			
Cable Entry:	2 x M20 cable entries at both ends, through wired as standard. Consult factory for other options			

Specifications					
Voltage	Standard: 100 - 277V AC	Housing:	316 Marine grade stainless steel		
options:	Emergency: 230 / 240V AC	Lens:	High impact resistant polycarbonate		
Operating	Standard: -20°C to +60°C	CRI:	70		
temp:	Emergency: -20°C to +60°C	CCT:	5,000K (cool white)		
Power factor:	>0.9	Surge protection:	EN 61000-4-5 1 kV line to line, 2 kV line to ground		
Emergency Models					
Battery:	3.6V 10Ah NiMH	Duration:	> 180 minutes		
Expected life:	4 years				

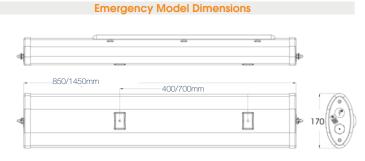
Comparison				
	Warranty	L-70		
Dialight Linear	5yr	>100,000		
Fluorescent	1	24,000		

Lumens	Wattage	lm/W	Mounting Heights
5,100	67	80	6m
			‡
2,600	34	86	3m

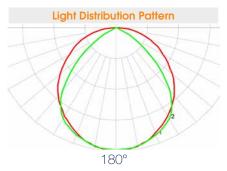
Standard Model Dimensions







Dimension are in mm



Resources:

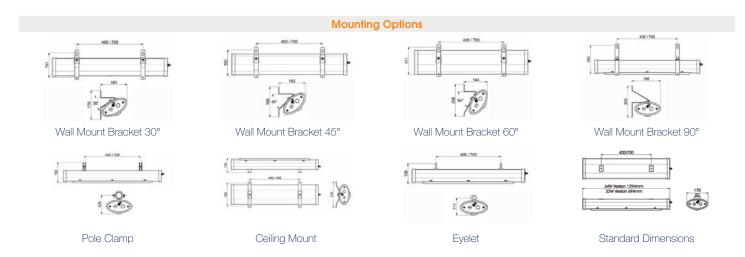
Datasheet: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDTFSFSHZLDSEUX001.pdf • Case Studies, IES Files, LM79 Reports: www.dialight.com/Document/Index/712

DuroSite® LED Stainless Steel Linear

Ordering Information and Mounting Accessories

Part Number	Initial Fixture Lumens	Emergency Mode Lumens	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Light Distribution
EL-1C3R-SSCB	5,100		67	76	IP66/67	100-277V AC	5000K (cool white)	Polycarbonate	Circular
EL-1C3M-SSCB	2,600		34	76	IP66/67	100-277V AC	5000K (cool white)	Polycarbonate	Circular
	Emergency Models								
ELE-2C4R-SSCB	5.100	271	70	73	IP66/67	230 / 240V AC	5000K (cool white)	Polycarbonate	Circular
ELE-2C4M-SSCB	2,600	271	35	74	IP66/67	230 / 240V AC	5000K (cool white)	Polycarbonate	Circular

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





ELXCMBSS

ELXEYESS

• 316 Marine Grade

stainless steel eyelet kit

• 316 Marine Grade stainless steel ceiling mount kit



ELXPCSS42

• 40Ø - 45mm range 316 Marine Grade stainless steel pole clamp



ELXPCSS47

• 47Ø - 51mm range 316 Marine Grade stainless steel pole clamp

ELXWMBSS45

mount kit

ELXWMBSS30

• 30° 316 Marine Grade

stainless steel wall

• 45° 316 Marine Grade stainless steel wall mount kit

ELXPCSS54

ELXPCSS59

• 54Ø - 57mm range 316 Marine Grade stainless steel pole clamp

• 60° 316 Marine Grade stainless steel wall mount kit

ELXWMBSS60

 59Ø - 62mm range 316 Marine Grade stainless steel pole clamp



DuroSite® LED Conveyor Light

for Industrial Applications



Ratings and Certifications
• L70 >100,000 hours @ 25°C ambient
• CE
• IP66
5yr full performance warranty

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

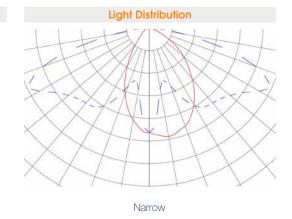
Mechanical Information			
Fixture weight:	7.7kg (17.1lbs)		
Shipping weight:	9.5kg (21lbs)		
Mounting:	34mm Slip-fit stanchion mount		
Cabling:	Junction box with terminal block (0.50 - 4.0mm²)		

Specifications Specification Specifi					
Voltage options:	100 - 277V AC	Housing:	Powder coated aluminium		
Operating temp:	-40°C to +65°C	Lens:	Polycarbonate		
Power factor:	>0.9	CRI:	75		
THD:	<20%	CCT:	5000K (cool white)		
Surge protection:	1 kV line to line, 2 kV line to ground				

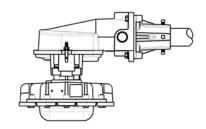
Comparison				
	Warranty	L-70		
Dialight Conveyor Light	5yr	>100,000		
High Pressure Sodium	1	24,000		
Metal Halide	1	15,000		

Lumens	Wattage	lm/W	Mounting Heights
4,200	58	72	6m and lower

Dimensions 270.6 279.5 Dimension are in mm



Mounting Options



34 mm Slip-Fit Stanchion Mount Junction Box

Resources

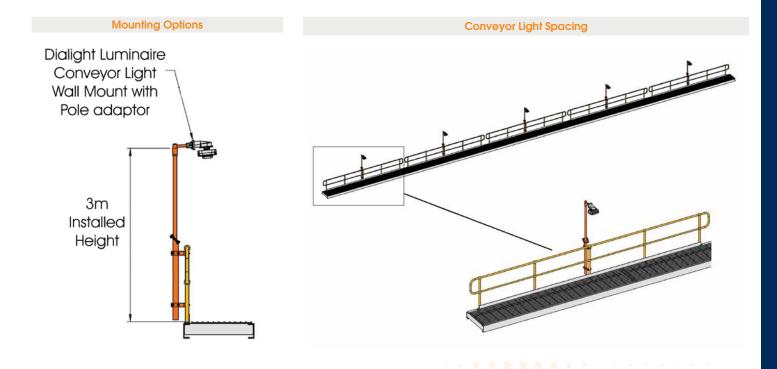
DuroSite® LED Conveyor Light

Ordering Information and Mounting Accessories

Part Number	Initial Fixture Lumens	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Light Distribution
STWYC2N-CV34	4,200	58	72	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	Narrow

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





DuroSite® LED Area Light

for Industrial Applications



Ratings and Certifications
• L70 >100,000 hours @ 25°C ambient
• CE
• IP66
5yr full performance warranty

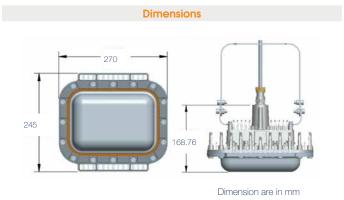
*All features not available on every model. Please refer to product part number pages for model specifics.

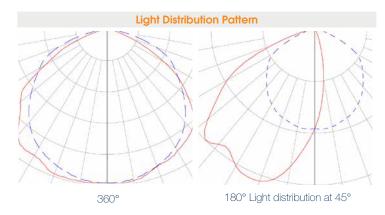
Mecha	Mechanical Information			
Fixture weight:	5.22 kg (11.5 lbs)			
Shipping weight:	6.12 kg (13.5 lbs)			
Mounting:	Aluminium mounting bracket provided			
Cabling:	Factory installed 3 meter 3 core PVC cable			

Specifications						
Voltage options:	100 - 277V AC	Lens:	Polycarbonate			
Operating temp:	-40°C to +65°C	CRI:	75			
Power factor:	>0.9	CCT:	5000K (cool white)			
THD:	<20%		4000K (neutral white)			
Housing:	Powder coated aluminium	Optics:	180° Forward throw			
Surge protection:	EN 61000-4-5 1 kV line to line, 2 kV line to ground		360° Circular pattern			

Comparison					
Warranty	L-70				
5yr	>100,000				
1	15,000				
1	20,000				
	Warranty				

Lumens	Wattage	lm/W	Mounting Heights
7,000	68	103	6m
6,000	58	103	
5,000	47	106	
4,700	47	100	
4,000	38	105	Ţ
2,200	21	105	V





DuroSite® LED Area Light

Ordering Information and Mounting Accessories

Part Number	Initial Fixture Lumen	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Light Distribution
STWFC2N-EU	7,000	69	101	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	360°
STWEC2N-EU	7,000	69	101	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	180°
STW9C2N-EU	6,000	58	103	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	360°
STW8C2N-EU	6,000	58	103	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	180°
STW5C2N-EU	5,000	47	106	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	360°
STW4C2N-EU	4,700	47	100	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	180°
STW3C2N-EU	4,000	38	105	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	360°
STW2C2N-EU	4,000	38	105	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	180°
STW1C1N-EU	2,200	21	105	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	360°
STW0C2N-EU	2,200	21	105	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	180°

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

Part numbers listed in the above table are cool white. For neutral white models, replace the 5th character with N. EX. STW5 C2N-EU becomes STW5 N2N-EU



H**7**XW7

 Aluminium bracket with mounting hardware (Included as standard)



HZXW8

 Aluminium bracket with pipe clamp and mounting hardware

for Industrial Applications







Ratings and Certifications					
• CE					
• IP66 / 67					
Amber models available					
Green models available					
Emergency models available					
• 5yr full performance warranty					
*All features not available on every model. Please refer to product part number pages for					

Mechanica	ıl Information			
Fixture weight:				
Standard & Amber Models				
11W & 22W:	4.70 kg (10.3 lbs)			
34W:	4.85 kg (10.7 lbs)			
Emergency Models				
13W & 24W:	4.70 kg (10.3 lbs)			
34W:	4.85 kg (10.7 lbs)			

Cable Entry:

All cable entries are

drilled and tapped

Specifications Specification Speci						
Voltage options:		Housing:	Copper free aluminium			
Standard & Amber	Models	Power factor:	>0.9			
11W & 22W:	100-277V AC, or 24-48V DC	THD:	<20%			
34W:	100-277V AC	Lens:	High Impact resistant clear			
Emergency Models			glass			
13W & 24W:	90-132V AC or 207 - 264V AC	CRI:	70			
36W:	207 - 264V AC	CCT:	5,650K (cool white)			
Operating temp:			4,300K (neutral white)			
Standard & Amber	Models	Emergency Models				
11W & 22W:	-40°C to +60°C	Battery				
34W:	-40°C to +50°C	13W & 24W:	3.6V 4Ah NiMH			
Emergency Models		34W:	3.6V 10Ah NiMH			
13W & 24W:	-0°C to +50°C	Expected Battery Life:	4 years			
34W:	-0°C to +40°C	Battery Duration:	>180 Minutes @ lowest			
Surge	EN 61000-4-5		rated temperature			
protection:	1 kV line to line, 2 kV line to ground					

model specifics.

Comparison					
	Warranty	L-70			
Dialight Bulkhead	5yr	>100,000			
Metal Halide	1	15,000			
High Pressure Sodium	1	20,000			
Fluorescent	1	24,000			

Standard Models							
Lumens Wattage Im/W Mounting Heights							
2,250	34	66	6m				
2,150	34	63	^				
1,200	22	55	₩				
600	11	55	3m				

Emergency Models						
Lumens Wattage Im/W Mounting Heights						
2,250	36	62	6m			
2,150	36	60	^			
1,200	24	50	₩			
600	13	46	3m			

Datasheet: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDEXWPBHEUX001.pdf • Case Studies, IES Files, LM79 Reports: www.dialight.com/Document/Index/709

Ordering Information and Mounting Accessories

Part Number	Initial Fixture Lumens	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Light Distribution
			S	tandard Model	S- 100 - 277V AC			
WP-2C3L-NLGC	2,250	34	66	IP66/67	100 - 277V AC	5,650K (cool white)	Clear Glass	Narrow
WP-4C3L-NLGC	2,250	34	66	IP66/67	100 - 277V AC	5,650K (cool white)	Clear Glass	Oval (35° X 55°)
WP-5C3L-NLGC	2,150	34	63	IP66/67	100 - 277V AC	5,650K (cool white)	Clear Glass	Oval (55° X 35°)
WP-2C3H-NLGC	1,200	22	55	IP66/67	100 - 277V AC	5,650K (cool white)	Clear Glass	Narrow
WP-4C3H-NLGC	1,200	22	55	IP66/67	100 - 277V AC	5,650K (cool white)	Clear Glass	Oval (35° X 55°)
WP-5C3H-NLGC	1,200	22	55	IP66/67	100 - 277V AC	5,650K (cool white)	Clear Glass	Oval (55° X 35°)
			5	Standard Mode	ls - 24 - 48V DC			
WP-4C2H-NLGC	1,200	22	55	IP66/67	24 - 48V DC	5,650K (cool white)	Clear Glass	Oval (35° X 55°)
			En	nergency Mode	els - 207- 264V DC	;		
WE-2C4L-NLGC	2,250	36	62	IP66/67	207 - 264V AC	5,650K (cool white)	Clear Glass	Narrow
WE-4C4L-NLGC	2,250	36	62	IP66/67	207 - 264V AC	5,650K (cool white)	Clear Glass	Oval (35° X 55°)
WE-5C4L-NLGC	2,150	36	60	IP66/67	207 - 264V AC	5,650K (cool white)	Clear Glass	Oval (55° X 35°)
WE-2C4H-NLGC	1,200	24	55	IP66/67	207 - 264V AC	5,650K (cool white)	Clear Glass	Narrow
WE-4C4H-NLGC	1,200	24	50	IP66/67	207 - 264V AC	5,650K (cool white)	Clear Glass	Oval (35° X 55°)
WE-5C4H-NLGC	1,200	24	50	IP66/67	207 - 264V AC	5,650K (cool white)	Clear Glass	Oval (55° X 35°)
			Er	nergency Mode	els - 90 - 132V AC			
WE-2C5H-NLGC	1,200	24	55	IP66/67	90 -132V AC	5,650K (cool white)	Clear Glass	Narrow
WE-4C5H-NLGC	1,200	24	50	IP66/67	90 -132V AC	5,650K (cool white)	Clear Glass	Oval (35° X 55°)
WE-5C5H-NLGC	1,200	24	50	IP66/67	90 -132V AC	5,650K (cool white)	Clear Glass	Oval (55° X 35°)
			Emergen	cy Shower Saf	e Models - 90 - 13	B2V AC		
WE-OG4H-NLGD		24		IP66	230 / 240V AC	Green	Polycarbonate	

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

for Industrial Applications

Dimensions 336.05 184 Mounting Hole Spacing 204 Mounting Hole Spacing 204 Mounting Hole Spacing 204 Mounting Hole Spacing 170 Shown with flush bracket Dimension are in mm

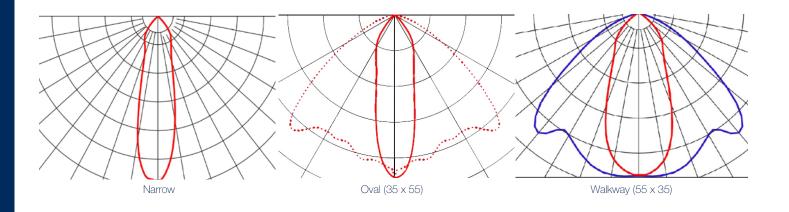
Standard Option

2 entries one side

Option "E"

2 entries one side, 1 entry opposite side, add <u>E</u> to the end of the order







44

Mounting Accessories



WP-BRKT-SS-ADJ

 Stainless steel adjustable bracket



WP-STMB-LG00-22

• Stanchion mount bsp 90°

WP-STMB-LG00-24

• Stanchion mount npt 90°



WP-STMB-LG25-22

• Stanchion mount bsp 25°

WP-STMB-LG25-24

• Stanchion mount npt 25°



WP-STMB-LG85-22

• Stanchion mount bsp 85°

WP-STMB-LG85-24

• Stanchion mount npt 85°

WP-STMB-LG85-50

• Stanchion mount 85D 34mm BORE

WP-STMB-LG85-60

• Stanchion mount 85D 38mm BORE



WP-BRKT-LG-PF

· Pipe and flush bracket



WP-RECESS-WH

Recessed housing



WP-000799-BATT

• Replacement battery kit - (4Ah 3.6 battery module)

WP-001500-BATT

• Replacement battery kit - (10Ah 3.6 battery module)

SafeSite® LED High Bay

for Hazardous Applications











Ratings and Certifications					
• CE	5yr full performance warranty				
• IP66	ATEX / IECEx Zone 1, 21				
• L70 >100,000 hours @ 25°C ambient	ATEX / IECEx Zone 2, 22				
• IK05					

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

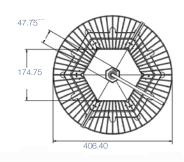
Mechanical Information			
Fixture weight:			
9,500 - 14,500 lm:	13.6 kg (30 lbs) with fixed cable 15.1kg (33lbs) with junction box		
Mounting:	Stirrup mounting bracket included		
Wiring options :	Factory installed 3 meter SWB cable or factory fitted junction terminal box with 2 off M20 x 1.5mm or 2 off M25 x 1.5mm cable entries		

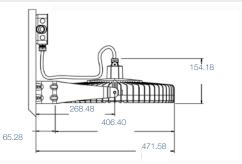
Specifications Specification Specifi						
Voltage options:	100 - 277V AC	Housing:	Copper free aluminium			
Operating temp:	-40°C to +60°C	Lens:	Toughened glass (optional fragment retention film available)			
Power factor:	>0.9	CRI:	70			
THD:	<20%	CCT:	14,500lm: 5,000K			
THD.	<2070	001.	9,500 - 11,000lm: 6,000K			
Surge protection	EN 61000-4-5 1 kV line to line, 2 kV line to ground	d				

Comparison						
	Warranty	L-70	T-Rating			
Dialight Linear	5 / 10yr	>100,000	T5			
Metal Halide	1	15,000	T2			
High Pressure Sodium	1	20,000	T2A			

Lumens	Wattage	lm/W	Mounting Heights
14,500	172	82	15m
11,000	161	73	♦
9,500	150	63	5m

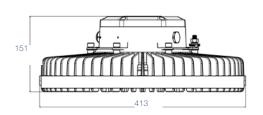
Dimensions





Dimension are in mm [inches]

Light Distribution Pattern Circular Pattern



Mounting Options

Junction Box

Resources

SafeSite® LED High Bay

Ordering Information and Mounting Accessories

Part Number	Initial Fixture Lumen	Typical Wattage	Maximum Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Light Distribution
					Standard	d Models			
HBA9CMP	14,500	172W	195W	81	IP66	100 - 277V AC	5000K (cool white)	Toughened glass	Circular
HBA9C4P	11,000	161W	165W	73	IP66	100 - 277V AC	5000K (cool white)	Toughened glass	Circular
HBA9C4M	9,500	150W	165W	63	IP66	100 - 277V AC	5000K (cool white)	Toughened glass	Circular
				,	Junction	Box Models			
HBJA9CMP	14,500	172W	195W	73	IP66	100 - 277V AC	5000K (cool white)	Toughened glass	Circular
HBJA9C4P	11,000	161W	165W	73	IP66	100 - 277V AC	5000K (cool white)	Toughened glass	Circular
HBJA9C4M	9,500	150W	165W	63	IP66	100 - 277V AC	5000K (cool white)	Toughened glass	Circular

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



HBXW3 (Included)

 Aluminium Swivel Bracket

HBXW3-SS

 Stainless Steel Swivel Bracket



HBXSBDK

 LED High Bay sand blast kit (dome lens)

HBXSBDL

• LED High Bay sacrificial dome lens



HBXSBK

 LED High Bay sand blast kit (flat lens)

HBXSBL

• LED High Bay sacrificial flat lens

SafeSite® LED Stainless Steel Linear

for Hazardous Applications











DNV
Ratings and Certifications
ATEX / IECEx Zones 1, 21
ATEX / IECEx Zones 2, 22
• IP66 / 67
• IK09

Mechanical Information					
Fixture weight:	Standard: 1308mm - 11.4 kg (25.1lbs) 708mm - 6.5 kg (15 lbs)				
	Emergency: 1308mm - 11.4 kg (25.1lbs) 708mm - 6.5 kg (15 lbs)				
Shipping weight:	Standard: 1308mm - 14.2 kg (31.3lbs) 708mm - 9.1 kg (20 lbs)				
	Emergency: 1308mm - 11.4 kg (25.1lbs) 708mm - 6.5 kg (15 lbs)				
Mounting:	(2) M8 fixing points				
Cable Entry:	2 x M20 cable entries at both ends, through wired as standard. Consult factory for other options				

Charifortians							
Specifications The state of th							
Voltage	Standard: 100 - 277V AC	Housing:	316 Marine grade stainless steel				
options:	Emergency: 100 - 277V AC	Lens:	High impact resistant polycarbonate				
Operating	Standard: -20°C to +60°C	CRI:	75				
temp:	Emergency: -20°C to +60°C	CCT:	5000K (cool white)				
Power factor:	>0.9	Surge protection:	EN 61000-4-5 1 kV line to line, 2 kV line to ground				
	Emer	gency Models					
Battery:	3.6V 10Ah NiMH	Duration:	> 180 minutes				
Expected life:	4 years						

• RoHS compliant

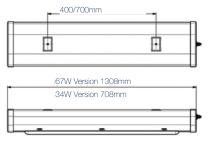
5yr full performance warranty

Comparison						
	Warranty	L-70	T-Rating			
Dialight Linear	5yr	>100,000	T5			
Fluorescent	1	24,000	T3			

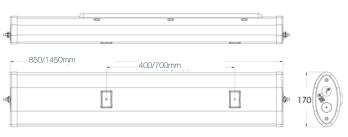
Lumens	Wattage	lm/W	Mounting Heights
5,100	64	81	6m
			‡
2,600	32	81	3m

Emergency Model Dimensions

Standard Model Dimensions







Dimension are in mm



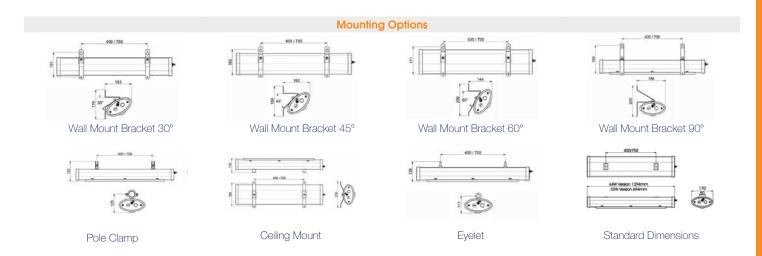
 $Datas heet: www.dialight.com/Assets/Brochures_And_Catalogs/lllumination/_MDTFSFSHZLSSEUX001.pdf \bullet Case Studies, IES Files, LM79 Reports: www.dialight.com/Document/Index/712 Sept. Studies and Studies and Studies are studies and Studies are studies and Studies and Studies are studies are studies and Studies are studies are studies are studies are studies and Studies are studies and Studies are studi$

SafeSite® LED Stainless Steel Linear

Ordering Information and Mounting Accessories

Part Number	Initial Fixrue Lumens	Emergency Mode Lumens	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Light Distribution
ELA-1C3R-SSCB	5,100		67	81	IP66/67	110 - 250V AC	5000K (cool white)	Polycarbonate	Circular
ELA-1C3M-SSCB	2,600		34	81	IP66/67	110 - 250V AC	5000K (cool white)	Polycarbonate	Circular
	Emergency Models								
ELEA-2C4R-SSCB	5,100	271	70	81	IP66/67	230 / 240V AC	5000K (cool white)	Polycarbonate	Circular
ELEA-2C4M-SSCB	2,800	271	35	81	IP66/67	230 / 240V AC	5000K (cool white)	Polycarbonate	Circular

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





ELXCMBSS

• 316 Marine Grade stainless steel ceiling mount kit



ELXPCSS42

40Ø - 45mm range 316 Marine Grade stainless steel pole clamp



ELXPCSS47

• 47Ø - 51mm range 316 Marine Grade stainless steel pole clamp



mount kit

ELXWMBSS30

• 30° 316 Marine Grade

stainless steel wall

ELXWMBSS45 • 45° 316 Marine Grade stainless steel wall mount kit



ELXEYESS

 316 Marine Grade stainless steel eyelet kit

ELXPCSS54

• 54Ø - 57mm range 316 Marine Grade stainless steel pole clamp

ELXPCSS59

• 59Ø - 62mm range 316 Marine Grade stainless steel pole clamp

ELXWMBSS60

• 60° 316 Marine Grade stainless steel wall mount kit

SafeSite® LED Area Light

for Hazardous Applications













Ratings and Certifications					
• ATEX / IECEx Zones 1, 21	• L70 >100,000 hours @ 25°C ambient				
• ATEX / IECEx Zones 2, 22	Amber models available				
• IP66	Junction box models available				
• IK08	5yr full performance warranty				

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

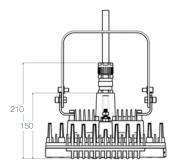
Mechanical Information					
Fixture	Zone 1 - 9.53kg (21lb)				
weight:	Zone 1 with Junction Box - 9.07kg (20lb)				
Shipping weight:	Zone 1 - 10.43kg (23lb)				
	Zone 1 with Junction Box - 9.98kg (22lb)				
Mounting:	Supplied with stirrup mounting bracket				
Cabling:	Factory installed 3 meter SWB cable or Factory installed junction box				

Specifications						
Voltage options:	100 - 277V AC	Housing:	Copper free aluminium			
Operating temp:	-40°C to +65°C	Lens:	Toughened glass			
Power factor:	>0.9	CRI:	75			
THD:	<20%	CCT:	5000K (cool white)			
Surge protection:	1 kV line to line, 2 kV line to ground	4000K (neutral white)				

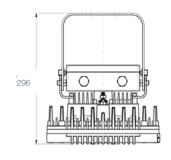
Con			
	Warranty	L-70	T-Rating
Dialight Area Light	5yr	>100,000	T5
Metal Halide	1	15,000	T3
High Pressure Sodium	1	20,000	T2A

Lumens	Wattage	lm/W	Mounting Heights
7,500	69	109	6m
6,500	58	112	A
5,500	47	117	
3,300	38	92	▼
2.500	22	114	3m

Area Light Dimensions

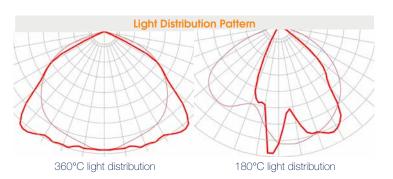






Zone 1, 21 with Junction Box

Dimension are in mm



SafeSite® LED Area Light

Ordering Information and Mounting Accessories

Part Number	Initial Fixture Lumen	Wattage	Lm/W	IP66	Voltage	Colour Temperature (CCT)	Lens	Light Distribution	Junction Box	Multi Area Light
					IECEx / ATE	X Zone 1, 21				
HZA9C2N	6,000	58	103	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	360°		
HZA8C2N	5,600	58	97	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	180°		
HZA5C2N	5,100	47	109	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	360°		
HZA4C2N	4,600	47	98	IIP66	100 - 277V AC	5000K (cool white)	Tempered glass	180°		
HZA3C2N	4,000	38	105	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	360°		
HZA2C2N	3,600	38	95	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	180°		
HZA1C2N	2,200	22	100	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	360°		
HZAOC2N	2,200	22	100	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	180°		
IECEx / ATEX Zone 1, 21 - Junction Box										
HZJA9C2N	6,000	58	103	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	360°	•	
HZJA8C2N	5,600	58	97	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	180°	•	

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

 1 Part numbers listed in the above table are cool white. For neutral white models, replace the first $\underline{\mathbf{C}}$ with $\underline{\mathbf{N}}$. EX. HZA8 $\underline{\mathbf{C}}$ 2N becomes HZA8 $\underline{\mathbf{N}}$ 2N

SafeSite® LED Bulkhead

for Hazardous Applications











Ratings and Certifications						
• CE	• ATEX / IECEx Zones 1, 21					
• IP66/67	ATEX / IECEx Zones 2, 22					
• IK09	• ABS					
Amber models available	• 5yr full performance warranty					
Emergency models available						

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

Mechanica	al Information
Fixture weight:	
Standard & Amber N	Models
11W & 22W:	4.70 kg (10.3 lbs)
34W:	4.85 kg (10.7 lbs)
Emergency Models	
13W & 24W:	4.70 kg (10.3 lbs)
34W:	4.85 kg (10.7 lbs)
Cable Entry:	All cable entries are drilled and tapped

	Specifications							
Voltage options:		Housing:	Copper free aluminium					
Standard & Amber	Models	Power factor:	>0.9					
11W & 22W:	100-277V AC, or 24-48V DC	THD:	<20%					
34W:	100-277V AC	Lens:	High Impact resistant clear					
Emergency Models	Emergency Models		glass					
13W & 24W:	90-132V AC or 207 - 264V AC	CRI:	70					
36W:	207 - 264V AC	CCT:	5,650K (cool white)					
Operating temp:			4,300K (neutral white)					
Standard & Amber	Models	Emergency Models						
11W & 22W:	-40°C to +60°C	Battery						
34W:	-40°C to +50°C	13W & 24W:	3.6V 4Ah NiMH					
Emergency Models		34W:	3.6V 10Ah NiMH					
13W & 24W:	-0°C to +50°C	Expected Battery Life:	4 years					
36W:	-0°C to +40°C	Battery Duration:	>180 Minutes @ lowest					
Surge protection:	EN 61000-4-5 1 kV line to line, 2 kV line to ground		rated temperature					

Comparison							
	Warranty	L-70	T-Rating				
Dialight Bulkhead	5yr	>100,000	T6				
Metal Halide	1	15,000	T2				
High Pressure Sodium	1	20,000	T2A				
Fluorescent	1	24,000	T3				

Lumens	Wattage	lm/W	Mounting Heights
2,250	34	66	6m
2,150	34	63	†
1,200	22	55	\
600	11	55	3m

SafeSite® LED Wallpack / Bulkhead

Ordering Information

Part Number	Initial Fixture Lumens	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Light Distribution
			Sta	ndard Mode	elS- 100 - 277V AC			
WP-2C3L-NLGC	2,250	34	66	IP66/67	100 - 277V AC	5,650K (cool white)	Clear Glass	Narrow
WP-4C3L-NLGC	2,250	34	66	IP66/67	100 - 277V AC	5,650K (cool white)	Clear Glass	Oval (35° X 55°)
WP-5C3L-NLGC	2,150	34	63	IP66/67	100 - 277V AC	5,650K (cool white)	Clear Glass	Oval (55° X 35°)
WP-2C3H-NLGC	1,200	22	55	IP66/67	100 - 277V AC	5,650K (cool white)	Clear Glass	Narrow
WP-4C3H-NLGC	1,200	22	55	IP66/67	100 - 277V AC	5,650K (cool white)	Clear Glass	Oval (35° X 55°)
WP-5C3H-NLGC	1,200	22	55	IP66/67	100 - 277V AC	5,650K (cool white)	Clear Glass	Oval (55° X 35°)
			Sta	andard Mod	els - 24 - 48V DC			
WP-4C2H-NLGC	1,200	22	55	IP66/67	24 - 48V DC	5,650K (cool white)	Clear Glass	Oval (35° X 55°)
			Emer	rgency Mod	els - 207- 264V D	С		
WE-2C4L-NLGC	2,250	36	62	IP66/67	207 - 264V AC	5,650K (cool white)	Clear Glass	Narrow
WE-4C4L-NLGC	2,250	36	62	IP66/67	207 - 264V AC	5,650K (cool white)	Clear Glass	Oval (35° X 55°)
WE-5C4L-NLGC	2,150	36	60	IP66/67	207 - 264V AC	5,650K (cool white)	Clear Glass	Oval (55° X 35°)
WE-2C4H-NLGC	1,200	24	55	IP66/67	207 - 264V AC	5,650K (cool white)	Clear Glass	Narrow
WE-4C4H-NLGC	1,200	24	50	IP66/67	207 - 264V AC	5,650K (cool white)	Clear Glass	Oval (35° X 55°)
WE-5C4H-NLGC	1,200	24	50	IP66/67	207 - 264V AC	5,650K (cool white)	Clear Glass	Oval (55° X 35°)
			Eme	rgency Moc	lels - 90 - 132V A	C		
WE-2C5H-NLGC	1,200	24	55	IP66/67	90 -132V AC	5,650K (cool white)	Clear Glass	Narrow
WE-4C5H-NLGC	1,200	24	50	IP66/67	90 -132V AC	5,650K (cool white)	Clear Glass	Oval (35° X 55°)
WE-5C5H-NLGC	1,200	24	50	IP66/67	90 -132V AC	5,650K (cool white)	Clear Glass	Oval (55° X 35°)

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

SafeSite® LED Bulkhead

for Hazardous Applications

Dimensions Mounting By 4 Off Ø 8 Holes Mounting Hole Spacing 170 Shown with flush bracket L2 - Off M20 Cable Entries \$ Dimension are in mm

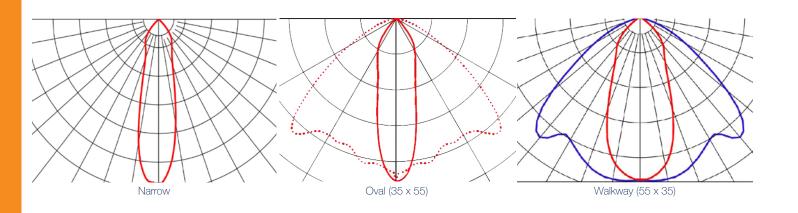
Standard Option

2 entries one side

Option "E"

2 entries one side, 1 entry opposite side, add \underline{E} to the end of the order







SafeSite® LED Bulkhead

Mounting Accessories



WP-BRKT-SS-ADJ

 Stainless steel adjustable bracket



WP-STMB-LG00-22

• Stanchion mount bsp 90°

WP-STMB-LG00-24

• Stanchion mount npt 90°



WP-STMB-LG25-22

• Stanchion mount bsp

WP-STMB-LG25-24

• Stanchion mount npt 25°



WP-STMB-LG85-22

• Stanchion mount bsp 85°

WP-STMB-LG85-24

• Stanchion mount npt

WP-STMB-LG85-50

• Stanchion mount 85D 34mm BORE

WP-STMB-LG85-60

• Stanchion mount 85D 38mm BORE



WP-BRKT-LG-PF

Pipe and flush bracket



WP-RECESS-WH

· Recessed housing



WP-000799-BATT

• Replacement battery kit - (4Ah 3.6 battery module)

WP-001500-BATT

• Replacement battery kit - (10Ah 3.6 battery module)

SafeSite® LED Transportable High Bay







Ratings and Certifications							
5yr full performance warranty	ATEX Zones 1, 21						
• L70 >100,000 hours @ 25°C ambient	ATEX Zones 2, 22						
• IP66							

Mechanical	Information
Fixture weight:	19.7kg (43.4 lbs)
Fixing:	Factory installed 10m cable, no plugs

Specifications Specification Specific								
Voltage options:	100 - 277V AC	Power factor:	>0.9	Lens:	Tempered glass			
Operating temp:		THD:	<20%	CRI:	70			
Surge protection:	EN 61000-4-5 1 kV line to line, 2 kV line to ground	Housing:	Copper free aluminium	CCT:	5000K (cool white)			

Part Number	Initial Fixture Lumens	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Light Distribution
THA9CMP	14,500	172	84	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Circular
THA9C4M	9,500	150	63	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Circular

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

SafeSite® LED Transportable Bulkhead



for Hazardous Applications



Ratings and Certifications									
5yr full performance warranty	ATEX Zones 1, 21								
• L70 >100,000 hours @ 25°C ambient	ATEX Zones 2, 22								
• IP66									

Mechanical I	nformation
Fixture weight:	11 & 22W - 5.75kg (10.50 lbs) 34W - 5.9kg (10.80ilbs) Factory installed
Fixing:	Factory installed 10m cable, no plugs

Specifications Specifications										
Voltage options:	11& 22W - 100-277V AC / 24-48V DC 34W - 100-277V AC	Power factor:	>0.9	Lens:	Polycarbonate					
Operating temp:	11& 22W40°C to +60°C 34W40°C to +50°C	THD:	<20%	CRI:	High impact resistant glass					
Surge protection:	1 kV line to line, 2 kV line to ground	Housing:	Copper free aluminium	CCT:	5000K (cool white)					

Part Number	Initial Fixture Lumens	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Light Distribution
TWA-2C3L-SYWC	2,250	34	66	IP66	100-277V AC	5000K (cool white)	Clear glass	Narrow

All values typical unless otherwise stated. Jumen values are typical (tolerance ±/- 10%)

StreetSense® LED Street Light

for Infrastructure Solutions



Ratings and Certifications							
• CE	• ATEX / IECEx						
• IP66/67	• NEMA 4X						
• RoHS	• 7yr full performance warranty						

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

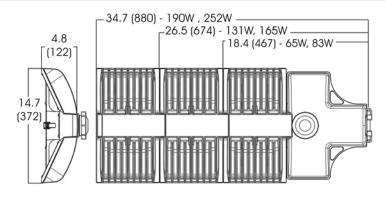
	Mechanical Information
Fixture weight:	64, 83W -1 light engines: 7.26kg (16 lbs) 131, 165W - 2 light engines: 11.34kg (25 lbs) 190, 252W - 3 light engines: 15.42kg (34 lbs)
Mounting:	Accommodates 31.75mm (42.16mm OD) - 50.8mm (60.32mm OD) pipe. Provision for adjustment of +/- 5° at 2.5° increments

Specifications									
Voltage options:	100 - 277V AC	Housing:	Aluminum alloy A360						
Operating temp:	-40°C to +74°C	Lens:	Optically optimized tempered glass						
Power factor:	>0.9	CRI:	70						
THD:	<20%	CCT:	5000K (cool white) 4300K (neutral white)						
Surge protection:	Open circuit surge protection 6kV standard per ANSI/IEEE C62.41. 2.2002 cat C low or Open circuit surge protection 10kV standard per ANSI/IEEE C62.41. 2.2002 cat C high								

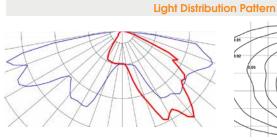
Comparison									
	Warranty	L-70							
Dialight Street Light	7yr	>100,000							
Metal Halide	1	15,000							
High Pressure Sodium	1	20,000							

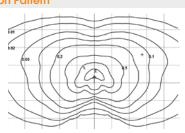
Lumens	Wattage	lm/W	Mounting Heights
20,250	252	80	17m
16,000	190	84	†
10,900	131	83	
6,800	83	82	\
5,500	65	85	5m

Dimensions



Dimension are in mm [inches]





Type I

Datasheet: http://www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDTFSL3X001.pdf • Case Studies, IES Files, LM79 Reports: www.dialight.com/Document/Index/713

StreetSense® LED Street Light

Ordering Information

Part Number	Initial Fixture Lumen	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Light Engines
Standard Models - Type III								
SL3C5SLGG-EU	20,250	252	80	IP66/67	100 - 277V AC	5,000K (Cool white)	Glass	3
SL3N5SLGG-EU	20,250	252	80	IP66/67	100 - 277V AC	4,300K (neutral white)	Glass	3
SL3C5RLGG-EU	16,000	190	84	IP66/67	100 - 277V AC	5,000K (Cool white)	Glass	3
SL3N5RLGG-EU	16,000	190	84	IP66/67	100 - 277V AC	4,300K (neutral white)	Glass	3
SL3C5ILGG-EU	13,300	165	81	IP66/67	100 - 277V AC	5,000K (Cool white)	Glass	2
SL3CNILGG-EU	13,250	165	80	IP66/67	100 - 277V AC	4,300K (neutral white)	Glass	2
SL3C5HLGG-EU	11,000	131	84	IP66/67	100 - 277V AC	5,000K (Cool white)	Glass	2
SL3N5HLGG-EU	10,900	131	83	IP66/67	100 - 277V AC	4,300K (neutral white)	Glass	2
SL3C5DLGG-EU	6,800	83	82	IP66/67	100 - 277V AC	5,000K (Cool white)	Glass	1
SL3N5DLGG-EU	6,750	83	81	IP66/67	100 - 277V AC	4,300K (neutral white)	Glass	1
SL3C5CLGG-EU	5,500	65	85	IP66/67	100 - 277V AC	5,000K (Cool white)	Glass	1
SL3N5CLGG-EU	5,500	65	85	IP66/67	100 - 277V AC	4,300K (neutral white)	Glass	1

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

StreetSense® LED ATEX Street Light







Part Number	Initial Fixture Lumen	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Light Engines
Standard Models - ATEX / IECEx Zone 2								
SLA3N4SG	20,250	252	80	IP66	100 - 277V AC	4,300K (neutral white)	Glass	3
SLA3C4SG	20,250	252	80	IP66	100 - 277V AC	4,300K (neutral white)	Glass	3
SLA3N4HG	10,900	131	83	IP66	100 - 277V AC	4,300K (neutral white)	Glass	2
SLA3C4HG	10,900	131	83	IP66	100 - 277V AC	4,300K (neutral white)	Glass	2
SLA3N4CG	5,500	65	85	iP66	100 - 277V AC	4,300K (neutral white)	Glass	1
SLA3C4CG	5,500	65	85	IP66	100 - 277V AC	4,300K (neutral white)	Glass	1

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

Dialight

EMEA HQ

Exning Road, Newmarket Suffolk, England, CB8 0AX Tel: +44 (0) 1638 665161

Email: sales-europe@dialight.com

Middle East office

Level 42

Emirates Towers (Office Tower)

Sheikh Zayed Roac

Dubai, United Arab Emirates

Tel: +971(0)4319 7686

North American HQ

1501 Route 34 South Farmingdale, NJ 07727

Tel: 732-919-3119

rax. 732-731-3776 info@dialiaht.com

Houston office

16830 Barker Springs Rd Ste 407 Houston, TX 77084

Brazil

Av. Joao Antonio Meccatti,

1601 – Galpao 07 – Jd Planalto

Jundiai - SP - 13211-223

Tel: +55 (11) 4431-4300

Fax: +55 (11) 4431-4300

Email:vendas.brasil@dialight.com

Southeast Asia office

240 Macpherson Road #07-05 Pines Industrial Building Singapore 348574

Australia office

U4, 42 Collinawood Street

Osborne Park, WA 6017

Tel: +61 (0) 8 9244 7600

