

Dialight



DuroSite® and SafeSite® LED Lighting Fixture Catalogue
for Indoor and Outdoor Industrial and Hazardous Locations

Vigilant® LED Lighting for Industrial Applications

Index

Vigilant LED Lighting Fixtures for Industrial Applications Overview.....	4
Vigilant LED High Bay.....	7
Ordering information.....	8
Vigilant LED High Bay Controls.....	9
Ordering information.....	9
Vigilant LED Floodlight.....	25
Ordering information.....	25

DuroSite® LED Lighting for Industrial Applications

Index

DuroSite LED Lighting Fixtures for Industrial Applications Overview.....	5
DuroSite LED High Bay.....	10
Ordering information.....	11-13
DuroSite LED Low Bay.....	16
Ordering information.....	16
DuroSite LED Linear.....	17
Ordering information.....	17
DuroSite LED Stainless Steel Linear Luminaire.....	19
Ordering information.....	19
DuroSite LED Stainless Steel Linear Luminaire - Battery Backup.....	20
Ordering information.....	20
DuroSite LED Area Light.....	23
Ordering information.....	23
DuroSite LED Floodlight.....	26
Ordering information.....	27
DuroSite LED Bulkhead Fixture.....	28
Ordering information.....	29
High Bay Controls.....	35
Ordering information.....	35

SafeSite® LED Lighting for Hazardous Applications

Index

SafeSite LED Lighting Fixtures for Hazardous Applications Overview.....	6
SafeSite LED High Bay.....	14
Ordering information.....	15
SafeSite LED Linear Fixture- ATEX / IECEx.....	18
Ordering information.....	18
SafeSite LED Stainless Steel Linear Luminaire.....	21
Ordering information.....	21
SafeSite LED Stainless Steel Linear Luminaire - Battery Backup.....	22
Ordering information.....	22
SafeSite LED Area Light.....	24
Ordering information.....	24
SafeSite LED Bulkhead Fixture.....	30
Ordering information.....	31

StreetSense® LED Fixture

Index

StreetSense LED Street Light.....	32
Ordering information.....	33-34

DuroSite® and SafeSite® LED Lighting Fixture Catalogue

for Indoor and Outdoor Industrial and Hazardous Locations



(400W High Pressure Sodium Lights)



(Dialight's 150W LED)

About Dialight

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

Value Proposition

- 10+ years of maintenance free lighting
- Improved safety, colour rendering quality
- Improved temperature rating (T-rating)
- Lower total cost of ownership, quick ROI
- Lower energy consumption by > 50%
- Significantly reduces CO₂ footprint

History at a Glance

- 1938 → Dialight founded in Brooklyn, NY
- 1971 → LED Circuit Board Indicator
- 1994 → LED Transit Vehicle Signals
- 1995 → LED Traffic Signals
- 2000 → FAA certified LED Obstruction Lights
- 2007 → LED Lighting for Hazardous Locations
- 2009 → LED High Bay Fixtures
- 2012 → Full performance 10-year warranty
- 2013 → Integrated Controls for LED Lighting
- 2014 → 125lm/W High Bay

Vigilant®

- LED lighting for general industrial applications

SafeSite®

- LED lighting for hazardous applications

DuroSite®

- LED lighting for general industrial applications

Vertically Focused

Regulated Primary Markets

- Oil, Gas & Petrochemical
- Power Generation
- Mining
- Chemical
- Pharmaceutical
- Water & Sewage
- Food & Beverage

Secondary Markets

- Manufacturing
- Warehousing
- Cold Storage
- Data Centres

View Dialight Case Studies at:

Diamond Pet Foods : www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDEXMDPF001.pdf

Rexam: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDEXMRXM001.pdf

Horizontal Well Drillers: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/Case_Study_Horizontal_Well_Drillers.pdf

Santa Cruz WWTP: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/Santa_Cruz_Case_Study.pdf

LANXESS: http://www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/LANXESS_Case_Study.pdf



Industry leading efficiency for maximum return on investment and lower total cost of ownership

Dialight’s Vigilant LED fixtures are among the most groundbreaking innovations and backed by Dialight’s industry-leading 10-year full-performance warranty for more than a decade of reliable, worry-free performance in the world’s harshest industrial environments.

Featuring Dialight’s world class in-house designed power supply, next generation LED technology and advanced optical design, the new Vigilant LED fixtures marks a major step forward in the future of energy efficiency for industrial environments.



Features and Benefits:

- 10 year full performance warranty
- L70 rated for > 100,000 hours @ 25°C ambient
- Significantly reduced glare
- Instant on/off
- Maintenance free
- Mercury free
- No UV or IR
- Resistant to shock and vibration
- Superior colour rendition index compared to HPS, LPS, MV
- Temperature compensation technology for longer life



Vigilant® LED Lighting Fixtures for Industrial Applications

High Bay												pg. 7
	Lumen Output	Wattage	Efficacy lm/W	Occupancy Sensor	Dimming	Overhead / Ceiling	Wall	Stanchion	Pole Arm	Task	High / Low Bay	General Area
	26,500	212	125		•	•	•	•	•	•	•	•
	18,000	144	125		•	•	•	•	•	•	•	•
	14,000	112	125		•	•	•	•	•	•	•	•
	11,000	88	125		•	•	•	•	•	•	•	•

Dual Floodlight												pg. 25
	Lumen Output	Wattage	Efficacy lm/W	Occupancy Sensor	Dimming	Overhead / Ceiling	Wall	Stanchion	Pole Arm	Task	High / Low Bay	General Area
	52,000	424	122					•	•	•		•

DuroSite® LED Lighting Fixtures for Industrial Applications

High Bay

pg. 10

	Lumen Output	Wattage	Efficacy lm/W	Occupancy Sensor	Dimming	Overhead / Ceiling	Wall	Stanchion	Pole Arm	Task	High Bay / Low Bay	General Area
	25,000	270	93	•	•	•	•	•	•		•	•
	17,500	172	102	•	•	•	•	•	•		•	•
	15,000	172	87	•	•	•	•	•	•		•	•
	14,500	161	90	•	•	•	•	•	•		•	•
	13,500	161	84	•	•	•	•	•	•		•	•
	11,750	146	80	•	•	•	•	•	•		•	•
	10,750	146	74	•	•	•	•	•	•		•	•

Low Bay

pg. 16

	Lumen Output	Wattage	Efficacy lm/W	Occupancy Sensor	Dimming	Overhead / Ceiling	Wall	Stanchion	Pole Arm	Task	High Bay / Low Bay	General Area
	6,000	80	75	•	•	•	•	•	•	•	•	•
	3,800	45	84		•	•	•	•	•	•	•	•

Linear

pg. 17

	Lumen Output	Wattage	Efficacy lm/W	Occupancy Sensor	Dimming	Overhead / Ceiling	Wall	Stanchion	Pole Arm	Task	High Bay / Low Bay	General Area
	6,000	80	75			•	•			•	•	•
	3,800	45	84			•	•			•	•	•

Stainless Steel Linear

pg. 19

	Lumen Output	Wattage	Efficacy lm/W	Occupancy Sensor	Dimming	Overhead / Ceiling	Wall	Stanchion	Pole Arm	Task	High Bay / Low Bay	General Area
	5,100	64	80			•	•		•	•		•
	2,600	32	81			•	•		•	•		•
	5,100	70	73			•	•		•	•		•
	2,600	35	74			•	•		•	•		•

Area Light

pg. 23

	Lumen Output	Wattage	Efficacy lm/W	Occupancy Sensor	Dimming	Overhead / Ceiling	Wall	Stanchion	Pole Arm	Task	High Bay / Low Bay	General Area
	6,000	58	103			•	•	•	•	•	•	•
	5,600	58	97			•	•	•	•	•	•	•
	5,000	48	104			•	•	•	•	•	•	•
	4,700	48	98			•	•	•	•	•	•	•
	4,000	38	105			•	•	•	•	•	•	•
	3,700	38	97			•	•	•	•	•	•	•
	2,200	21	105			•	•	•	•	•	•	•

Floodlight

pg. 26

	Lumen Output	Wattage	Efficacy lm/W	Occupancy Sensor	Dimming	Overhead / Ceiling	Wall	Stanchion	Pole Arm	Task	High / Low Bay	General Area
	11,500	109	105				•	•	•			•
	11,250	109	103				•	•	•			•
	11,000	109	101				•	•	•			•
	10,750	109	99				•	•	•			•
	10,500	109	96				•	•	•			•

Bulkhead

pg. 28

	Lumen Output	Wattage	Efficacy lm/W	Occupancy Sensor	Dimming	Overhead / Ceiling	Wall	Stanchion	Pole Arm	Task	High Bay / Low Bay	General Area
	2,250	34	66			•	•	•	•	•		•
	2,150	34	63			•	•	•	•	•		•
	1,200	22	55			•	•	•	•	•		•
	600	11	55			•	•	•	•	•		•

SafeSite® LED Lighting Fixtures for Hazardous Locations¹

High Bay

pg. 14

	Lumen Output	Wattage	Efficacy lm/W	ATEX / IECEx Zone 1, 21	ATEX / IECEx Zone 2, 22	ABS	UL 844
	21,000	270	78	•	•	•	•
	14,500	172	84	•	•	•	•
	11,000	161	68	•	•	•	•
	9,500	150	63	•	•	•	•

Linear - ATEX / IECEx

pg. 18

	Lumen Output	Wattage	Efficacy lm/W	ATEX / IECEx Zone 1, 21	ATEX / IECEx Zone 2, 22	ABS	UL 844
	6,000	68	88	•	•		
	3,100	36	86	•	•		

Stainless Steel Linear - ATEX / IECEx

pg. 21

	Lumen Output	Wattage	Efficacy lm/W	Atex / IECEx Zone 1, 21	Atex / IECEx Zone 2, 22	ABS	UL 844
	5,100	64	80	•	•	•	
	2,600	32	81	•	•	•	

Stainless Steel Linear - Battery Backup ATEX / IECEx

pg. 22

	Lumen Output	Emergency Mode Lumens	Wattage	Efficacy lm/W	ATEX / IECEx Zone 1, 21	ATEX / IECEx Zone 2, 22	ABS	UL 844
	5,100	270	70	73	•	•	•	
	2,600	270	35	74	•	•	•	

Area Light

pg. 24

	Lumen Output	Wattage	Efficacy lm/W	ATEX / IECEx Zone 1, 21	ATEX / IECEx Zone 2, 22	ABS	UL 844
	6,000	58	103	•	•	•	•
	5,600	58	97	•	•	•	•
	5,100	48	106	•	•	•	•
	4,600	48	96	•	•	•	•
	4,000	38	105	•	•	•	•
	3,600	38	95	•	•	•	•
	2,200	21	105	•	•	•	•

Bulkhead

pg. 30

	Lumen Output	Wattage	Efficacy lm/W	ATEX / IECEx Zone 1, 21	ATEX / IECEx Zone 2, 22	ABS	UL 844
	2,250	34	66	•	•	•	•
	2,150	34	63	•	•	•	•
	1,200	22	55	•	•	•	•
	600	11	55	•	•	•	•

¹To ensure proper certification when ordering please refer to www.dialight.com and the current datasheets.

Vigilant® LED High Bay



Ratings and Certifications (Other certifications available)

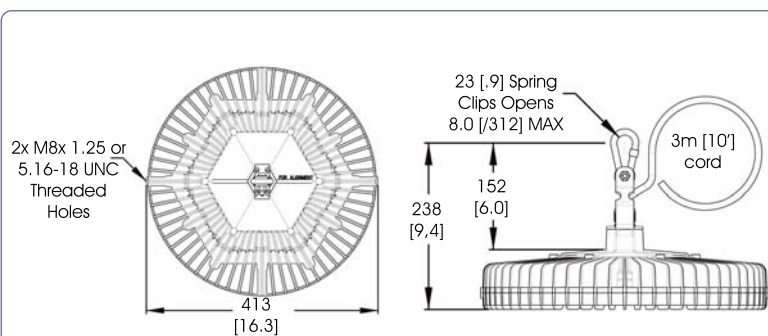
- CE
- IP 66
- IK05

Specifications

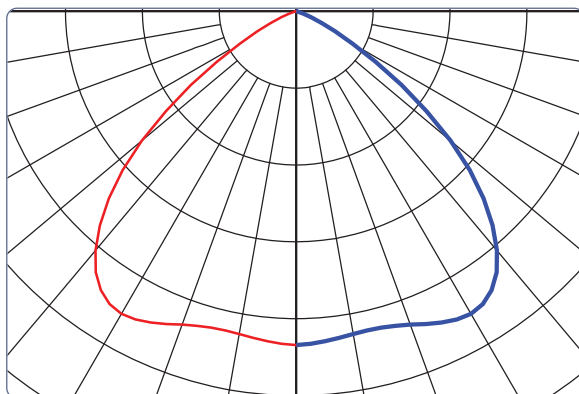
Fixture Weight: 8.16kg
 Housing: Copper free aluminium
 Lens options: Tempered Glass
 Voltage options: 100 – 277V AC, 110 - 277V AC
 L70: >100,000 hours @ 25°C ambient

Lumens	Wattage	lm/W	Mounting Heights
26,500	212	125	24m
24,250	212	114	↕
18,000	144	125	↕
16,500	144	114	5m

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



Optical Pattern



Mounting Options



Hook



Swivel Bracket

Resources:

Datasheet: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDEXHBX001.pdf • Case Studies, IES Files, LM79 Reports: www.dialight.com/Document/Index/711

Vigilant® LED High Bay - Ordering Information

Part Number ^{1,2,3,4}	Initial Fixture Lumens	Wattage	Lumens Per Watt	CCT	Wet Location Rating	Voltage	Lens	Optical Pattern	
								Circular	Wide
Standard Models									
HEEGMC4PN-HNG	26,500	212	125	5000 (Cool White)	IP66	110 - 277V AC	Tempered Glass	•	
HEEGRC4PN-HNG	26,500	212	125	5000 (Cool White)	IP66	110 - 277V AC	Tempered Glass		•
HEEGMC4KN-HNG	18,000	144	125	5000 (Cool White)	IP66	110 - 277V AC	Tempered Glass	•	
HEEGRC4KN-HNG	18,000	144	125	5000 (Cool White)	IP66	110 - 277V AC	Tempered Glass		•
HEEGMC4GN-HNG	14,000	112	125	5000 (Cool White)	IP66	100 - 277V AC	Tempered Glass	•	
HEEGRC4GN-HNG	14,000	112	125	5000 (Cool White)	IP66	100 - 277V AC	Tempered Glass		•
HEEGMC4DN-HNG	11,000	88	125	5000 (Cool White)	IP66	100 - 277V AC	Tempered Glass	•	
HEEGRC4DN-HNG	11,000	88	125	5000 (Cool White)	IP66	100 - 277V AC	Tempered Glass		•
Variable Dimming Models									
HEEGMC4PD-HNG	26,500	212	125	5000 (Cool White)	IP66	110 - 277V AC	Tempered Glass	•	
HEEGRC4PD-HNG	26,500	212	125	5000 (Cool White)	IP66	110 - 277V AC	Tempered Glass		•
HEEGMC4KD-HNG	18,000	144	125	5000 (Cool White)	IP66	110 - 277V AC	Tempered Glass	•	
HEEGRC4KD-HNG	18,000	144	125	5000 (Cool White)	IP66	110 - 277V AC	Tempered Glass		•
HEEGMC4GD-HNG	14,000	112	125	5000 (Cool White)	IP66	100 - 277V AC	Tempered Glass	•	
HEEGRC4GD-HNG	14,000	112	125	5000 (Cool White)	IP66	100 - 277V AC	Tempered Glass		•
HEEGMC4DD-HNG	11,000	88	125	5000 (Cool White)	IP66	100 - 277V AC	Tempered Glass	•	
HEEGRC4DD-HNG	11,000	88	125	5000 (Cool White)	IP66	100 - 277V AC	Tempered Glass		•

¹ Models in part number table are in Cool White (5,000K CCT), for models needing Neutral White (4,000K CCT) replace the 6th character with a **N**. Example HEEGMC4PN-HNG becomes HEEGMN4PN-HNG. Deduct 8% from lumen values when specifying neutral white.

² For models needing a Safety Bracket replace the 11th character with a **S**. Example HEEGMC4PN-HNG becomes HEEGMC4PN-HSG.

³ All models in part number table come with an internal fuse. For models needing an external fuse replace the 11th character with a **F**. Example HEEGMC4PN-HNG becomes HEEGMC4PN-HFG. (Fixtures will be listed with damp location only with external fuse)

⁴ For models needing both a Safety bracket and Fuse, replace the 11th character with a **GF**. Example HEEGMC4PN-HNG becomes HEEGMC4PN-HFG.

Mounting and Accessories	
Part Number	Description
HBXW3	Swivel Bracket
HBXGS-10	Glare Shield - Grey (RAL7001) powder coated spun aluminium (Interior use only, for use with flat lens options)
HBXSBDK	Sand blast kit (dome lens)
HBXSBDL	Sacrificial dome Lens
HBXSBK	Sand blast kit (flat lens)
HBXSBL	Sacrificial flat Lens

Vigilant® LED High Bay with DALI or Wireless Controls



Wall Controller

Sensors

- Pyroelectric Infrared PIR Motion Sensor Detector
- Detecting distance up to 7m
- Ambient light sensor
- Tuned for human eye spectral sensitivity

Physical Dimensions:

- 241.3mm Width
- 241.3mm Height
- 50.8mm Depth

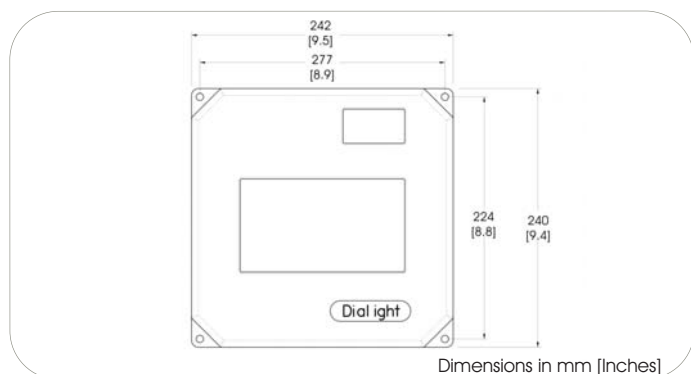
Screen

- 177.8mm Diagonal
- 152.4mm Wide
- 88.9mm High
- User Input: Resistive Touch Screen
- Resolution – 800 x 480 pixels

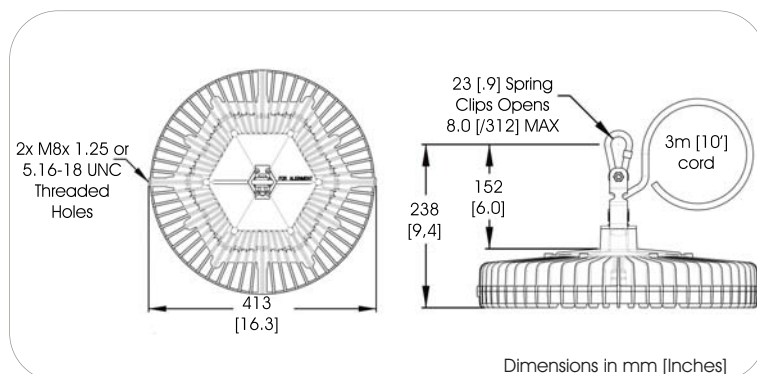
Certifications & Ratings (High Bay)

- CE - EN 55015:2006 / EN 61547:2009 / EN 60598:2008
- EN 62471:2008
- IEC60068 salt spray testing- severity 1
- IK05 to EN50102 (Glass lens)
- IP 66 to EN60529

Wall Controller Dimensions



High Bay Dimensions



Part number ²	Lumens	Wattage	Lumens per Watt	Voltage	CCT ¹	Wet Location	Lens	Optics	
								Circular	Wide
Vigilant LED High Bay - Jennet 2.4GHz									
HEEGMC4PJ-HNG	26,500	217	122	110 - 277V AC	5,000 (Cool White)	IP66	Tempered Glass	•	
HEEGRC4PJ-HNG	26,500	217	122	110 - 277V AC	5,000 (Cool White)	IP66	Tempered Glass		•
HEEGMC4KJ-HNG	18,000	149	121	110 - 277V AC	5,000 (Cool White)	IP66	Tempered Glass	•	
HEEGRC4KJ-HNG	18,000	149	121	110 - 277V AC	5,000 (Cool White)	IP66	Tempered Glass		•
HEEGMC4GJ-HNG	14,000	117	120	100 - 277V AC	5,000 (Cool White)	IP66	Tempered Glass	•	
HEEGRC4GJ-HNG	14,000	117	120	100 - 277V AC	5,000 (Cool White)	IP66	Tempered Glass		•
Vigilant LED High Bay - DALI Protocol									
HEEGMC4PA-HNG	26,500	217	122	110 - 277V AC	5,000 (Cool White)	IP66	Tempered Glass	•	
HEEGRC4PA-HNG	26,500	217	122	110 - 277V AC	5,000 (Cool White)	IP66	Tempered Glass		•
HEEGMC4KA-HNG	18,000	149	121	110 - 277V AC	5,000 (Cool White)	IP66	Tempered Glass	•	
HEEGRC4KA-HNG	18,000	149	121	110 - 277V AC	5,000 (Cool White)	IP66	Tempered Glass		•
HEEGMC4GA-HNG	14,000	117	120	100 - 277V AC	5,000 (Cool White)	IP66	Tempered Glass	•	
HEEGRC4GA-HNG	14,000	117	120	100 - 277V AC	5,000 (Cool White)	IP66	Tempered Glass		•
Wall Controller - DALI & Jennet									
WLC-004-MBAL		10W typical, 20W max		120 – 277V AC					

*Part numbers in table above are in cool white (5,000K CCT). For models needing neutral white (4,000K CCT), replace the 5th character with a **N**. Example: HEEGM**C**4PN-HNG becomes HEEGM**N**4PN-HNG. Deduct 8% from lumen values when specifying neutral.

For models needing Safety Bracket replace the 10th character with a **S. Example: HEEGM**C**4PN-H**N**G becomes HEEGM**C**4PN-H**S**G

†HEEGMC4PN-H**E**G. (Fixtures will be listed with damp location only with external fuse)

*For models needing both a Safety bracket and Fuse, replace the 11th character with a **S**. Example HEEGM**C**4PN-H**N**G becomes HEEGM**C**4PN-H**S**G.

Resources:

Datasheet: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDEXVHBCONEUX001.pdf • Case Studies, IES Files, LM79 Reports: www.dialight.com/Document/Index/711

DuroSite® LED High Bay



Ratings and Certifications (other certifications available)

- CE
- ABS
- IP 66
- IK06 (Glass / acrylic lens)
- IK10 (polycarbonate lens)

Specifications

Fixture Weight: 13.6kg (25,000lm models)
8kg (17,000 and lower models)
Operating Temp: -40°C to +65°C
Housing: Aluminium
Lens options: Glass, polycarbonate, acrylic
Voltage options: 100 – 277V AC
L70: >100,000 hours @ 25°C ambient

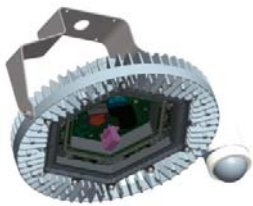
Lumens	Wattage	lm/W	Mounting Heights
25,000	270	93	24m
17,500	172	102	↕
15,000	172	87	
14,500	161	90	
13,500	161	84	
11,750	146	80	↕
10,750	146	74	
			5m

Dialight High Bay Metal Halide High Pressure Sodium

Warranty	5 / 10yr	1	1
L-70	>100,000	15,000	20,000

Controls Options

Occupancy Sensor

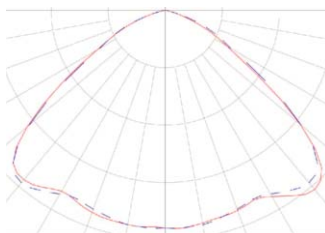


Dimming

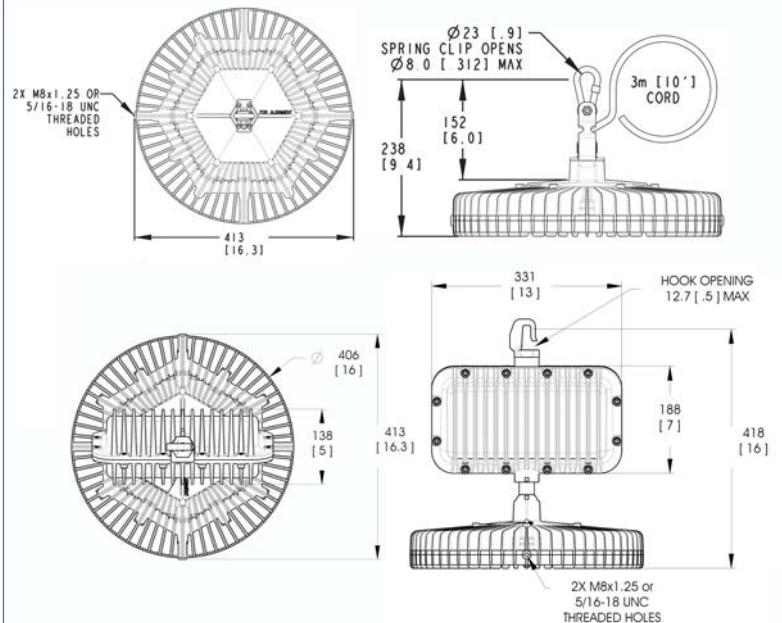
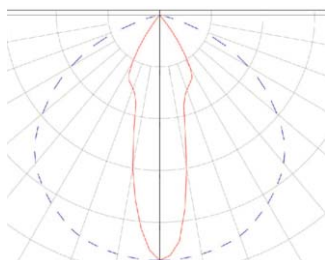


Optical Patterns

Circular Pattern

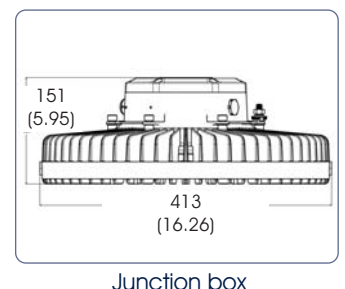
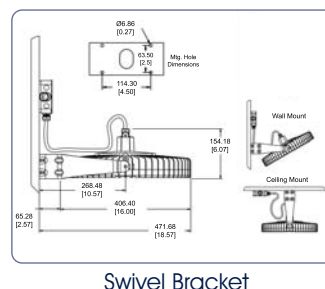
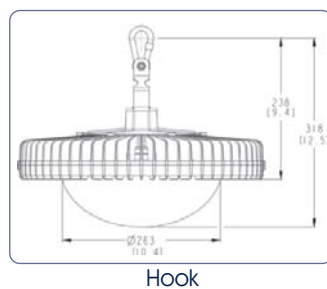
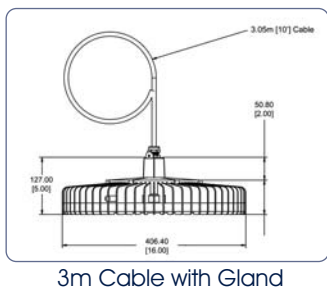


Aisle Pattern



Dimensions in mm (inches)

Mounting Options



Resources:

Datasheet: http://www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDEXHBEU001.pdf • Case Studies, IES Files, LM79 Reports: www.dialight.com/Document/Index/711

DuroSite® LED High Bay - Ordering Information

Part Number	Initial Fixture Lumens	Wattage	Lumens Per Watt	Lens		Optical Pattern		CRI
				Clear	Diffused	Circular	Aisle	
Standard Models - 100 - 277V AC								
HLGC4KNEUH10YR	25,000	270	93	Tempered Glass		•		70
HLLC4KNEUH10YR	22,000	270	81		Dome Polycarbonate	•		70
HLGB4KNEUH10YR	20,000	250	80	Tempered Glass		•		80
HLLB4KNEUH10YR	20,000	270	74		Dome Polycarbonate	•		80
HBGCMPEUH	17,500	172	102	Tempered Glass		•		70
HBGCMPEUDH	17,500	172	102	Tempered Glass		•		70
HBLCMPEUH	15,000	172	87		Dome Polycarbonate	•		70
HBGC4PEUH	14,500	161	90	Tempered Glass		•		70
HBLC4PEUH	14,500	161	90		Dome Polycarbonate	•		70
HBGBMPEUH	14,000	172	81	Tempered Glass		•		80
HBLBMPEUH	14,000	172	81		Dome Polycarbonate	•		80
HBEC4NEUH	11,750	146	80	Tempered Glass			•	70
HBGB4PEUH	11,200	146	77	Tempered Glass		•		80
HBLB4PEUH	11,200	161	70		Dome Polycarbonate	•		80
HB2C4MEUH	10,000	146	68		Polycarbonate	•		70
HB7C4MEUH	10,000	146	68		Polycarbonate		•	70
HBLC4MEUH	10,000	146	68		Dome Polycarbonate	•		70
HB7B4MEUH	8,400	146	58		Polycarbonate		•	80
HBLB4MEUH	8,400	146	58		Dome Polycarbonate	•		80
HB2B4MEUH	8,400	146	58		Polycarbonate	•		80
Standard Models with Junction Box - 100 - 277V AC								
HBJGCMPEU	17,500	172	102	Tempered Glass		•		70
HBJLCMPEU	17,500	172	102		Polycarbonate	•		70
HBJGC4PEU	14,500	161	90	Tempered Glass		•		70
HBJLC4PEU	14,500	161	90		Polycarbonate	•		70
HBJGBMPEU	14,000	172	81	Tempered Glass		•		80
HBJLBMPEU	14,000	172	81		Polycarbonate	•		80
HBJGB4PEU	11,200	146	77	Tempered Glass		•		80
HBJLB4PEU	11,200	161	70		Polycarbonate	•		80
HBJ2C4MEU	10,000	146	68		Polycarbonate	•		70
HBJLC4MEU	10,000	146	68		Polycarbonate	•		70
HBJ7C4MEU	9,750	146	67		Polycarbonate		•	70
HBJ7B4MEU	8,000	146	55		Polycarbonate	•		80

¹ Part numbers listed in the above table are cool white. For neutral white models replace the 4th character with **N**. Ex: HB2**C**4M-EUH becomes HB2**N**4M-EUH. Deduct 8% from lumen values when specifying neutral.

Part Number	Initial Fixture Lumens	Wattage	Lumens Per Watt	Lens		Optical Pattern		CRI
				Clear	Diffused	Circular	Aisle	
Occupancy Sensor Models - 100 - 277V AC								
HBJ2C4MEUOS	10,750	146	74		Polycarbonate	•		70
HBJLC4MEUOS	10,500	146	72		Dome Polycarbonate	•		70
HBJ7C4MEUOS	9,750	146	67		Polycarbonate		•	70
HBJ2B4MEUOS	8,000	146	55		Polycarbonate	•		80
HBJLB4MEUOS	8,000	146	55		Dome Polycarbonate	•		80
HBJ7B4MEUOS	8,000	146	55		Polycarbonate		•	80
Variable Dimming Models - 100 - 277V AC								
HLGC4KNEUDH10YR	25,000	270	93	Tempered Glass		•		70
HLLC4KNEUDH10YR	25,000	270	93		Dome Polycarbonate	•		70
HLGB4KNEUDH10YR	20,000	270	74	Tempered Glass		•		80
HLLB4KNEUDH10YR	20,000	270	74		Dome Polycarbonate	•		80
HBLCMPEUDH	17,500	172	102		Dome Polycarbonate	•		70
HBGC4PEUDH	14,500	161	90	Tempered Glass		•		70
HBLC4PEUDH	14,500	161	90		Dome Polycarbonate	•		70
HBGBMPEUDH	14,000	172	81	Tempered Glass		•		80
HBLBMPEUDH	14,000	172	81		Dome Polycarbonate	•		80
HBLB4PEUDH	11,200	161	70		Dome Polycarbonate	•		80
HBGB4PEUDH	11,200	161	70	Tempered Glass		•		80
HBLC4MEUDH	10,700	146	73		Dome Polycarbonate	•		70
HB2C4MEUDH	10,000	146	68		Polycarbonate	•		70
HB7C4MEUDH	10,000	146	68		Polycarbonate		•	70
HBLB4MEUDH	8,400	146	58		Dome Polycarbonate	•		80
HB2B4MEUDH	8,400	146	58		Polycarbonate	•		80
HB7B4MEUDH	8,000	146	55		Polycarbonate		•	80
Variable Dimming Models with Junction Box ¹ - 100 - 277V AC								
HBJGCMPEUD	17,500	172	102	Tempered Glass		•		70
HBJLCMPEUD	17,500	172	102		Dome Polycarbonate	•		70
HBJGC4PEUD	14,500	161	90	Tempered Glass		•		70
HBJLC4PEUD	14,000	161	87		Dome Polycarbonate	•		70
HBJGBMPEUD	14,000	172	81	Tempered Glass		•		80
HBJLBMPEUD	14,000	172	81		Dome Polycarbonate	•		80
HBJLB4PEUD	11,200	161	70		Dome Polycarbonate	•		80
HBJGB4PEUD	11,200	161	70	Tempered Glass		•		80
HBJLC4MEUD	10,500	146	72		Dome Polycarbonate	•		70
HBJ2C4MEUD	10,000	146	68		Polycarbonate	•		70

¹Part numbers listed in the above table are cool white. For neutral white models replace the 4th character with **N** Ex: HB2**C**4M-EUH becomes HB2**N**4M-EUH. Deduct 8% from lumen values when specifying neutral.

Part Number	Initial Fixture Lumens	Wattage	Lumens Per Watt	Lens		Optical Pattern		CRI
				Clear	Diffused	Circular	Aisle	
Variable Dimming Models with Junction Box ² - 100 - 277V AC								
HBJ7C4MEUD	10,000	146	68		Polycarbonate		•	70
HBJLB4MEUD	8,400	146	58		Dome Polycarbonate	•		80
HBJLB4MEUD	8,400	146	58		Dome Polycarbonate	•		80
HBJ2B4MEUD	8,000	146	55		Polycarbonate	•		80
HBJ7B4MEUD	8,000	146	55		Polycarbonate		•	80
Occupancy Sensor with Variable Dimming Models - 100 - 277V AC								
HBJEC4NEUOSD	11,750	146	80	Tempered Glass			•	70
HBJLC4MEUOSD	10,500	146	72		Dome Polycarbonate	•		70
HBJ2C4MEUOSD	10,000	146	68		Polycarbonate	•		70
HBJ7C4MEUOSD	9,750	146	67		Polycarbonate		•	70
HBJ2B4MEUOSD	8,000	146	55		Polycarbonate	•		80
HBJLB4MEUOSD	8,000	146	55		Dome Polycarbonate	•		80
HBJ7B4MEUOSD	8,000	146	55		Polycarbonate		•	80
Standard 70°C Model - 100 - 277V AC								
HLGC4ANEUH70C	17,000	270	63	Tempered Glass		•		70
HBGC4PEUH70C	14,000	172	81	Tempered Glass		•		70
HBGCMPEU70C	12,000	172	70	Tempered Glass		•		70

¹Part numbers listed in the above table are cool white. For neutral white models replace the 4th character with **N** Ex: HB1**C**4N-EUH becomes HB1**N**4N-EUH

Junction Box Models:

²Part numbers listed in the above table are cool white. For neutral white models replace the 5th character with **N** Ex: HB1**JG**CMP-EUD becomes HB1**JGN**MP-EUD. Deduct 8% from lumen values when specifying neutral.

Mounting and accessories	
Part Number	Description
HBXWGSS	High Bay wire guard - stainless steel
HBXW3	Swivel Bracket (8,000 - 17,500lm models)
HLXW3	Swivel Bracket (25,000lm models)
HBXGS	Glare Shield
HBXSBK	Sand blast kit (flat lens)
HBXSBL	Flat replacement lens for sand blast shield kit
HBXSBDK	Sand blast kit (dome lens)
HBXSBDL	Domed replacement lens for sand blast shield kit
HBXRCL	High Bay PIR IR remote
HBXRCD	High Bay PIR IR dimming remote
HBXSLOS	High Bay PIR IR sensor slave
HBXPIRLUX	High Bay PIR sensor kit
HBXPIRLUXD	High Bay PIR sensor dimming Kit
HBXGS10	High Bay Glare Shield 10 Units

SafeSite® LED High Bay



Ratings and Certifications (other certifications available)

- ATEX / IECEx Zone 1 & 21
- ATEX / IECEx Zone 2 & 22
- CE
- ABS
- NEMA 4X
- IP 66
- RoHS compliant

Specifications

Fixture weight: 20kg (21,000lm models)
13.6 (14,500lm and lower models with fixed cable)
15.1 (14,500lm models and lower with junction box)

Operating temp: -40°C to +60°C

Housing: Aluminium

Lens options: Tempered Glass

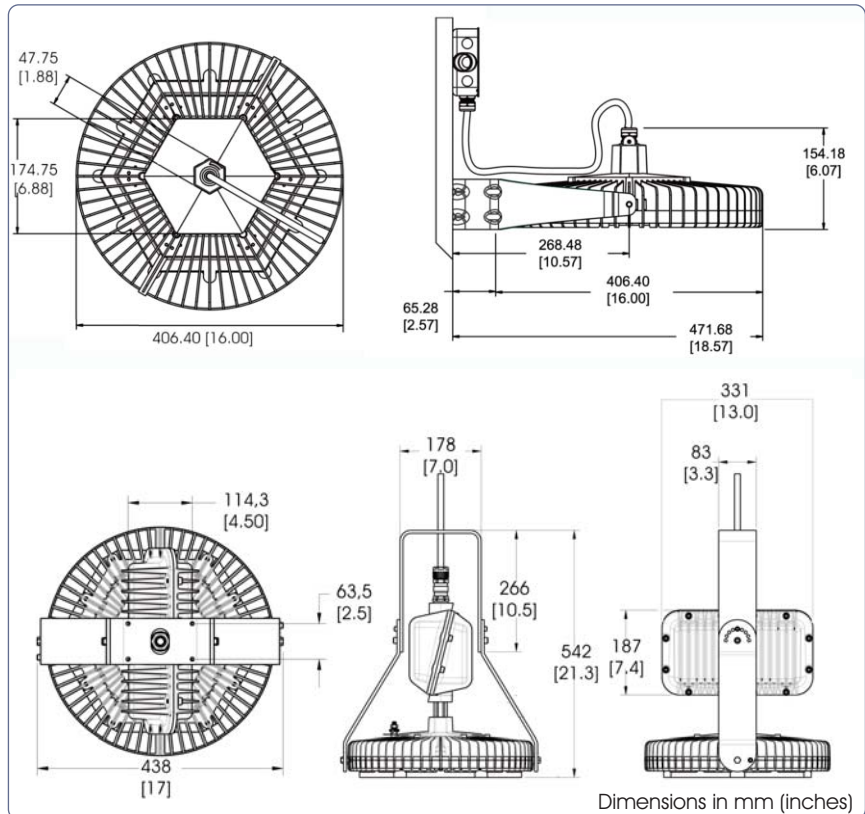
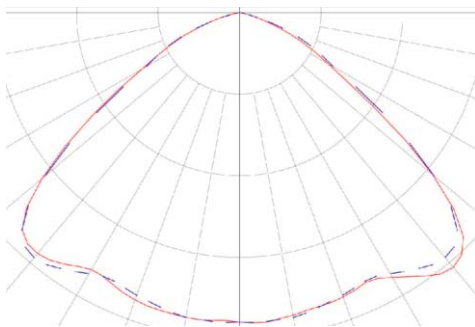
Voltage options: 100 – 277V AC

L70: > 100,000 hours @ 25°C ambient

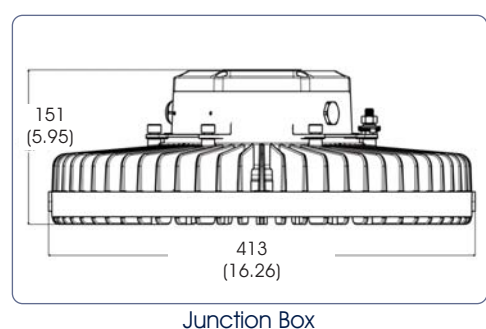
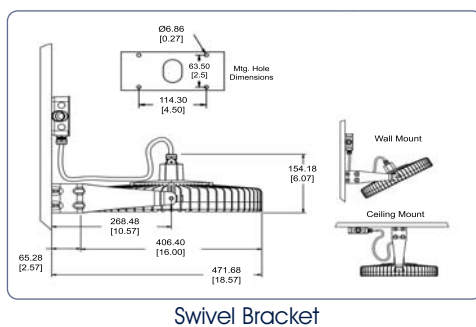
Lumens	Wattage	lm/W	Mounting Heights
21,000	270	78	15m
14,500	172	84	
11,000	161	73	
9,500	150	63	

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

Optical Pattern



Mounting Options



Resources:

Datasheet: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDTFSFSTHBEU001.pdf • Case Studies, IES Files, LM79 Reports: www.dialight.com/Document/Index/711

SafeSite® LED High Bay - Ordering Information

Part Number	Initial Fixture Lumens	Typical	Maximum	Lumens Per Watt	Lens	Optical Pattern	Stainless steel bracket included	Hydrogen Environments
Standard 10yr warranty Models - 100 - 277V AC								
HLAGC4KN10YR	21,000	270W	315W	77	Toughened Glass	Narrow Circular		
Standard 5yr warranty Models - 100 - 277V AC								
HBA9CMP	14,500	172W	195W	81	Toughened Glass	Narrow Circular		
HBA9C4P	11,000	161W	165W	68	Toughened Glass	Narrow Circular		
HBA9C4M	9,500	150W	165W	63	Toughened Glass	Narrow Circular		
HBH9C4M	9,500	150W	165W	63	Toughened Glass	Narrow Circular		
HBH9C4MSS	9,500	150W	165W	63	Toughened Glass	Narrow Circular	•	•
Standard Models with Junction Box - 100 - 277V AC								
HBJA9CMP	14,500	172W	195W	81	Toughened Glass	Narrow Circular		
HBJA9C4P	11,000	161W	165W	68	Toughened Glass	Narrow Circular		
HBHJ9C4M	9,500	150W	165W	63	Toughened Glass	Narrow Circular		
HBHJ9C4MSS	9,500	150W	165W	63	Toughened Glass	Narrow Circular	•	•

Mounting and accessories	
Part Number	Description
HBXW3SS	Stainless steel swivel bracket
HBXGS	Glare Shield
HBXSBK	LED High Bay sand blast kit
HBXSBL	Replacement lens for sand blast shield kit
HBXSBDK	LED High Bay domed sand blast Kit
HBXSBDL	Domed replacement lens for sand blast shield kit
HBXWGSS	Stainless steel wire guard

DuroSite® LED Low Bay



Ratings and Certifications (other certifications available)

- CE
- IP 66
- IK10

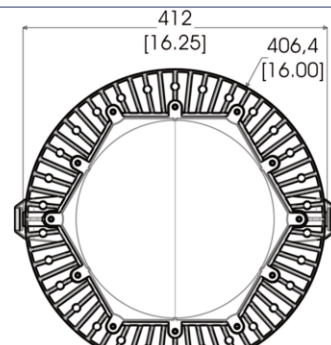
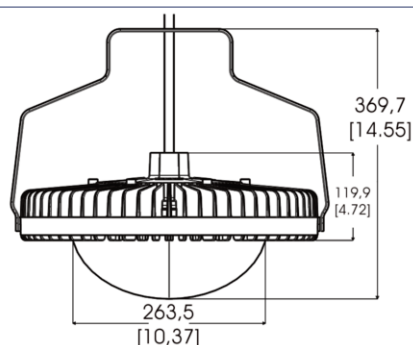
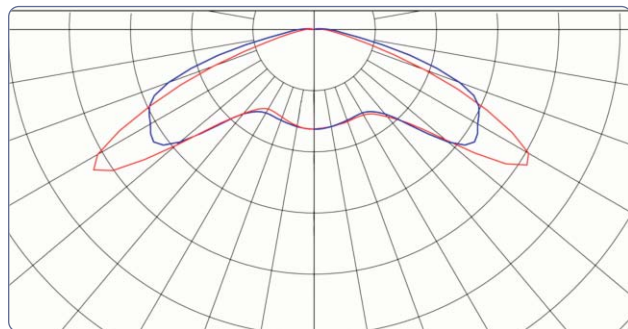
Specifications

Fixture weight: 8.2kg
 Operating temp: -40°C to +60°C
 Housing: Aluminium
 Lens options: Polycarbonate
 Voltage options: 230 / 240V AC
 L70: >100,000 hours @ 25°C ambient

Lumens	Wattage	lm/W	Mounting Heights
6,000	80	75	6m and lower
3,800	45	84	6m and lower

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

Optical Pattern



Dimensions in mm (inches)

Controls Options

Occupancy Sensor



Dimming



Mounting Options



Hook



Swivel Bracket

Part Number	Initial Fixture Lumens	Wattage	Lumens Per Watt	Lens	Optical Pattern
Standard Models - 230 / 240V AC					
LBW1B1D-EUH	6,000	80	75	Diffuse dome polycarbonate	Circular
LBW1C1D-EUH	6,000	80	75	Diffuse dome polycarbonate	Circular
LBW1C1A-EUH	3,800	45	84	Diffuse dome polycarbonate	Circular
Occupancy Sensor Models - 230 / 240V AC					
LBWJ1C1D-EUOS	6,000	80	75	Diffuse dome polycarbonate	Circular
LBWJ1B1D-EUOS	6,000	80	75	Diffuse dome polycarbonate	Circular
Variable Dimming Models - 230 / 240V AC					
LBW1C1D-EUDH	6,000	80	75	Diffuse dome polycarbonate	Circular
LBW1B1D-EUDH	6,000	80	75	Diffuse dome polycarbonate	Circular
LBW1C5A-EUH	3,800	45	84	Diffuse dome polycarbonate	Circular
Occupancy sensor and Variable Dimming Models - 230 / 240V AC					
LBWJ1C1D-EUOSD	6,000	80	75	Diffuse dome polycarbonate	Circular
LBWJ1B1D-EUOSD	6,000	80	75	Diffuse dome polycarbonate	Circular

Resources:
 Datasheet: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDEXLBXEU001.pdf • Case Studies, IES Files, LM79 Reports: www.dialight.com/Document/Index/1760

DuroSite® LED Linear Fixture - Low Profile



Ratings and Certifications

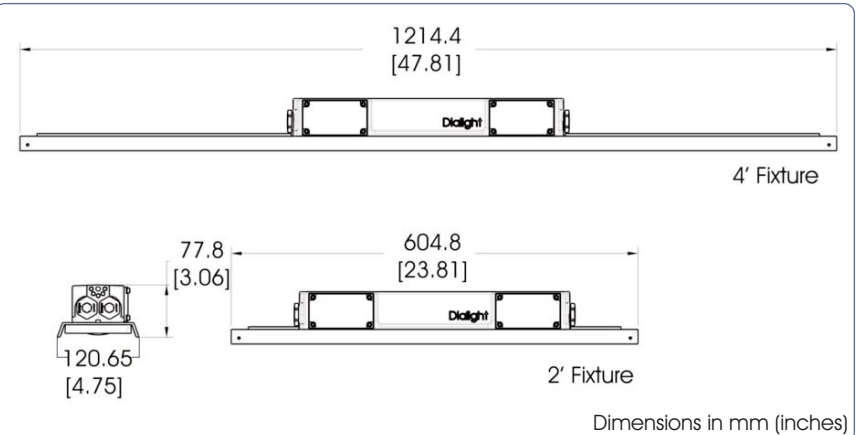
- CE
- IP 66/67

Specifications

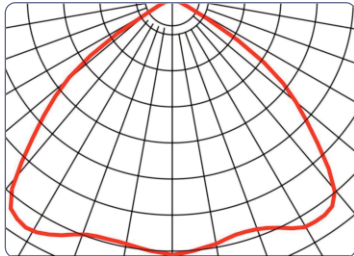
Fixture weight: 4.50 kg - 4' models
3.13 kg - 2' models
Operating temp: -40°C to +65°C
Housing: Powder coated aluminium
Lens options: Polycarbonate
Voltage options: 100 - 277V AC
L70: >100,000 hours @ 25°C ambient

Lumens	Wattage	lm/W	Mounting Heights
6,000	68	88	6m
3,100	36	86	3m

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



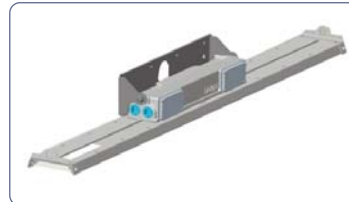
Optical Pattern



Mounting Options



Low Profile Top Mount - LPXW4LP



Side Mount - LPXW4
(Included)



Top Mount - LTXW4
(Included)

Ordering Information

Part Number	Length	Voltage	Lens	CCT	Lumens	Watt	LPW
LPE3C4D2P	2'	100 - 277V AC	Clear	CW	3,500	33	106
LPE3C4M2P	4'	100 - 277V AC	Clear	CW	7,000	66	106
LPE3C4B2D	2'	100 - 277V AC	Diffused	CW	3,300	33	100
LPE3C4H2D	4'	100 - 277V AC	Diffused	CW	6,600	66	100

Part numbers listed in the above table are cool white. For neutral white model replace the 5th character with **N**. Ex. LPE3C4D2P becomes LPE3N4D2P. Deduct 8% from lumen values when specifying neutral.

Mounting and Accessories	
Part Number	Description
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

Resources:

Datasheet: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDTFSFSHZLAX001.pdf • Case Studies, IES Files, LM79 Reports: www.dialight.com/Document/Index/712

SafeSite® LED Linear Fixture - ATEX / IECEx



Ratings and Certifications

- CE
- ATEX Zones 1, 21
- ATEX Zones 2, 22
- RoHS compliant
- IP 66
- NEMA 4X

Specifications

Fixture weight: 7.9 kg - 1181mm models
4.5 kg - 605mm models

Operating temp: -20°C to +65°C

Housing: Low copper Aluminum

Lens options: Tempered Glass

Voltage options: 100-277V AC

L70: >100,000 hours @ 25°C ambient

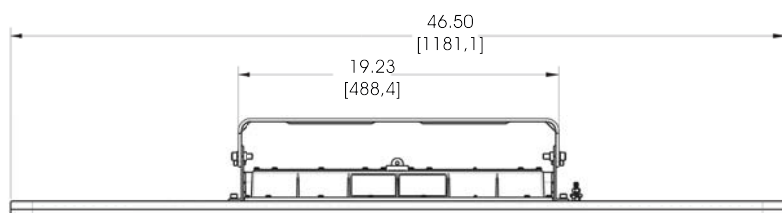
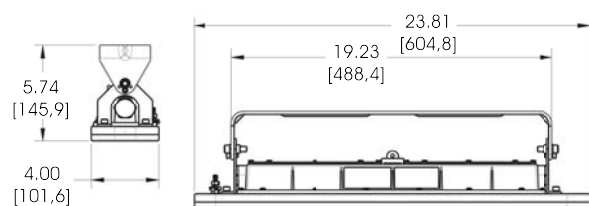
Lumens Wattage lm/W Mounting Heights

6,000	68	88	6m
3,100	36	86	3m

Dialight Linear

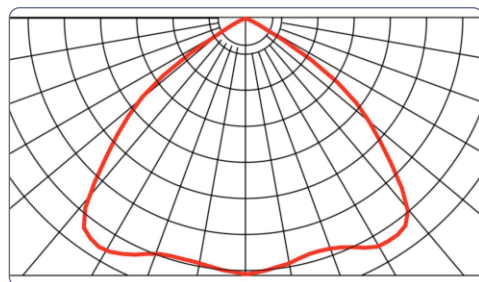
Fluorescent

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

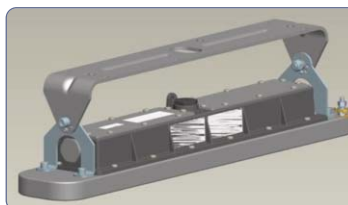


Dimensions in mm (inches)

Optical Pattern



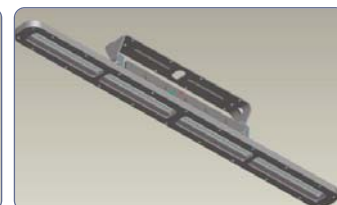
Mounting Options



LSXW7 Mounting bracket
(Included)



605mm with
Mounting bracket



1181mm with
Mounting bracket

Ordering Information

Part Number	Length	Voltage	Lens	CCT	Lumens	Watt	LPW
LSA3C4M2G	1181mm	100 - 277V AC	6mm clear toughened Glass	CW	6,000	68	88
LSA3C4D2G	605mm	100 - 277V AC	6mm clear toughened Glass	CW	3,100	36	86
LSA3C4M2F	1181mm	100 - 277V AC	Frosted Glass	CW	4,700	67	70
LSA3C4D2F	605mm	100 - 277V AC	Frosted Glass	CW	2,800	35	80

¹Part numbers listed in the above table are cool white. For neutral white model replace the 5th character with **N**. Ex. LSA3C4D2P becomes LSA3N4D2P. Deduct 8% from lumen values when specifying neutral.

Mounting and Accessories

Part Number	Description
HZXSAFETABS	2 Eyelets, 2 Safety cables, Mounting Hardware
HZXSAFEKIT	Safety Cable Kit

Resources:
Datasheet: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDTFSFSHZLAX001.pdf • Case Studies, IES Files, LM79 Reports: www.dialight.com/Document/Index/712

DuroSite® LED Stainless Steel Linear Luminaire



Ratings and Certifications

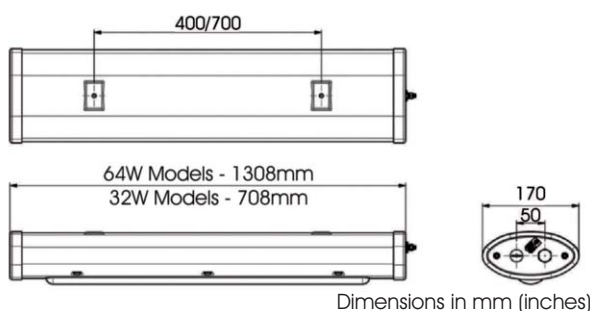
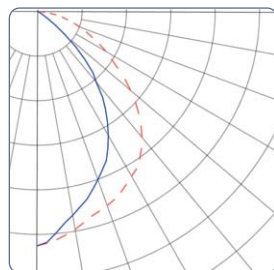
- CE
- IP 66/67
- C & D shock compliant to MOD specification BR8470
- IK09
- RoHS compliant

Specifications

Fixture weight: 1308mm - 11.4kg
708mm - 6.5kg
Operating temp: -40°C to +60°C
Housing: 316L stainless steel
Lens options: Polycarbonate
Voltage options: 100-277V AC
L70: >100,000 hours @ 25°C ambient

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

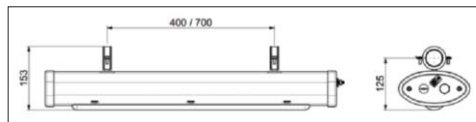
Photometric View



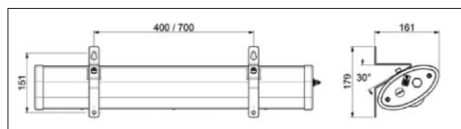
	Dialight Linear	Metal Halide	High Pressure Sodium	Fluorescent
Warranty	5yr	1	1	1
L-70	>100,000	15,000	20,000	24,000

Mounting Options

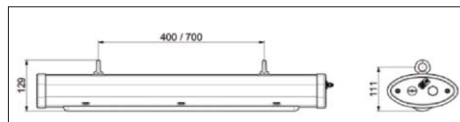
Pole Clamp



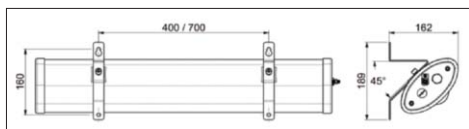
Wall Mount Bracket 30°



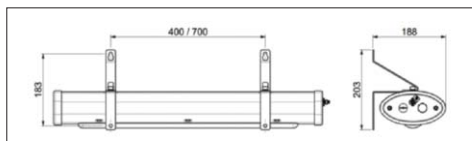
Eyelet



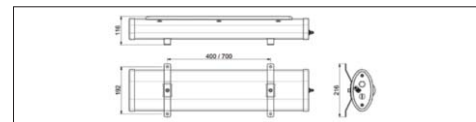
Wall Mount Bracket 45°



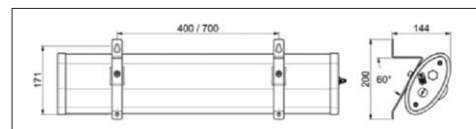
Wall Mount Bracket 90°



Ceiling Mount



Wall Mount Bracket 60°



Part Number	Voltage	Colour	Entry Options	Lens	Lumens	Watts	Lumens Per Watt
EL-1C3R-SSCB	100 - 277V AC	5000K (cool white)	2 at each end	Polycarbonate	5,100	64	86
EL-1C3M-SSCB	100 - 277V AC	5000K (cool white)	2 at each end	Polycarbonate	2,600	32	86

lm/W are under constant review and improvement, please consult technical department for latest achievable values

For factory fitted safety shackle option, add 1 as a suffix to the part code. E.g EL-1C3R-SSCB-1

Part Number	Description
ELXCMBSS	316 Marine Grade Stainless Steel Ceiling Mount Kit
ELXEYESS	316 Marine Grade Stainless Steel Eyelet kit
ELXPCSS42	Ø40 - 45mm Range 316 Marine Grade Stainless Steel Pole Clamp
ELXPCSS47	Ø47 - 51mm Range 316 Marine Grade Stainless Steel Pole Clamp
ELXPCSS54	Ø54 - 57mm Range 316 Marine Grade Stainless Steel Pole Clamp
ELXPCSS59	Ø59 - 62mm Range 316 Marine Grade Stainless Steel Pole Clamp
ELXWMBSS30	30° 316 Marine Grade Stainless Steel Wall Mount Kit
ELXWMBSS45	45° 316 Marine Grade Stainless Steel Wall Mount Kit
ELXWMBSS60	60° 316 Marine Grade Stainless Steel Wall Mount Kit
ELXWMBSS90	90° 316 Marine Grade Stainless Steel Wall Mount Kit

Resources:

Datasheet: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDTFSFHZLDSEUX001.pdf • Case Studies, IES Files, LM79 Reports: www.dialight.com/Document/Index/712

DuroSite® LED Stainless Steel Linear Luminaire - Battery Backup



Lumens	Wattage	lm/W	Mounting Heights
5,100	70	73	6m
2,600	35	74	3m

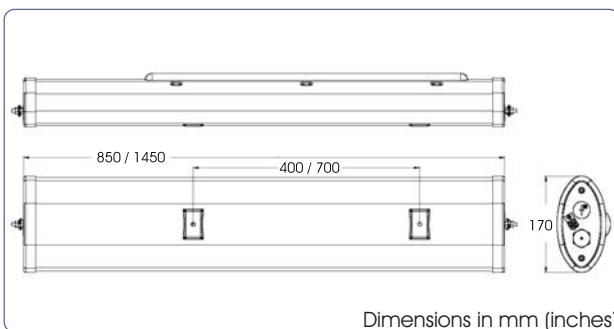
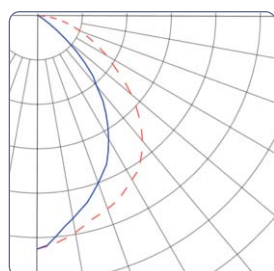
Ratings and Certifications

- CE
- IP 66
- IK09
- RoHS compliant

Specifications

Fixture weight: 1450mm - 14,2 kg (31 lbs)
 850mm - 8,8 kg (20 lbs)
 Operating temp: -20°C to +60°C
 Housing: 316 Marine grade stainless steel
 Lens options: Polycarbonate
 Voltage options: 230 / 240V AC
 L70: >100,000 hours @ 25°C ambient

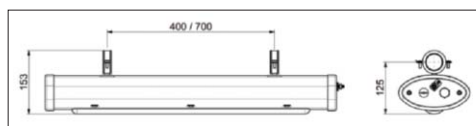
Photometric View



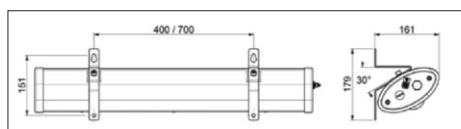
	Dialight Linear	Metal Halide	High Pressure Sodium	Fluorescent
Warranty	5yr	1	1	1
L-70	>100,000	15,000	20,000	24,000

Mounting Options

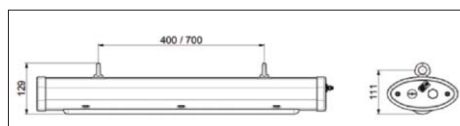
Pole Clamp



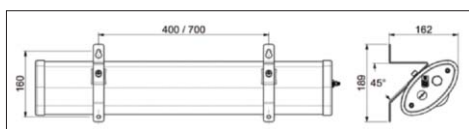
Wall Mount Bracket 30°



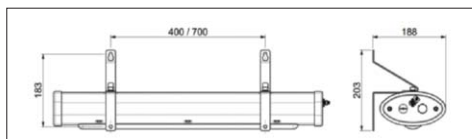
Eyelet



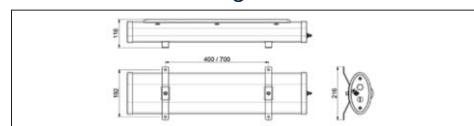
Wall Mount Bracket 45°



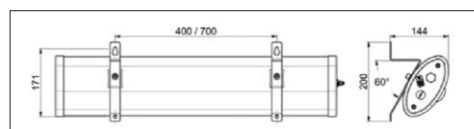
Wall Mount Bracket 90°



Ceiling Mount



Wall Mount Bracket 60°



Part Number	Voltage	Colour	Entry Options	Lens	Lumens	Emergency mode Lumens	Watts	Lumens Per Watt
ELE-2C4R-SSCB	230 / 240V AC	5000K (cool white)	2 at each end	Polycarbonate	5,100	271	70	73
ELE-2C4M-SSCB	230 / 240V AC	5000K (cool white)	2 at each end	Polycarbonate	2,600	271	35	74

lm/W are under constant review and improvement, please consult technical department for latest achievable values
 For factory fitted safety shackle option, add 1 as a suffix to the part code. E.g EL-1C3R-SSCB-1

Part Number	Description
ELXCMBS	316 Marine Grade Stainless Steel Ceiling Mount Kit
ELXEYSS	316 Marine Grade Stainless Steel Eyelet kit
ELXPCSS42	Ø40 - 45mm Range 316 Marine Grade Stainless Steel Pole Clamp
ELXPCSS47	Ø47 - 51mm Range 316 Marine Grade Stainless Steel Pole Clamp
ELXPCSS54	Ø54 - 57mm Range 316 Marine Grade Stainless Steel Pole Clamp
ELXPCSS59	Ø59 - 62mm Range 316 Marine Grade Stainless Steel Pole Clamp
ELXWMBSS30	30° 316 Marine Grade Stainless Steel Wall Mount Kit
ELXWMBSS45	45° 316 Marine Grade Stainless Steel Wall Mount Kit
ELXWMBSS60	60° 316 Marine Grade Stainless Steel Wall Mount Kit
ELXWMBSS90	90° 316 Marine Grade Stainless Steel Wall Mount Kit

Resources:

Datasheet: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDTFSFHZLDSEUX001.pdf • Case Studies, IES Files, LM79 Reports: www.dialight.com/Document/Index/712

SafeSite® LED Stainless Steel Linear Luminaire



Ratings and Certifications

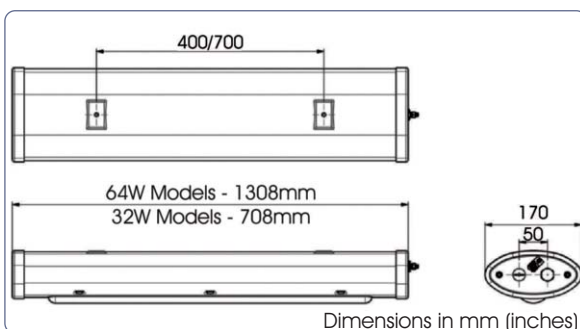
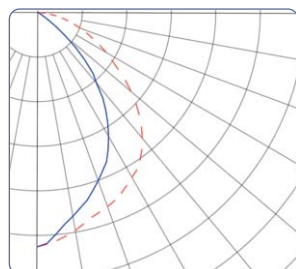
- ATEX Zones 1 & 21
- ATEX Zones 2 & 22
- RoHS compliant
- IP 66
- IK09

Specifications

Fixture weight: 1308mm - 11.4kg
708mm - 6.5kg
Operating temp: -20°C to +60°C
Housing: 316L stainless steel
Lens options: High Impact resistant polycarbonate
Voltage options: 100-277V AC
L70: >100,000 hours @ 25°C ambient

Lumens	Wattage	lm/W	Mounting Heights
5,100	64	80	6m ↕ 3m
2,600	32	81	3m

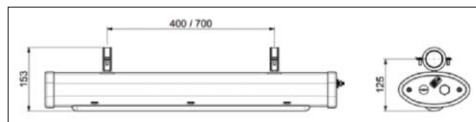
Photometric View



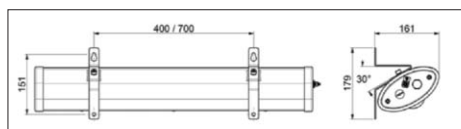
	Dialight Linear	Metal Halide	High Pressure Sodium	Fluorescent
Warranty	5yr	1	1	1
T- Rating	T5	T2	T2A	T3
L-70	>100,000	15,000	20,000	24,000

Mounting Options

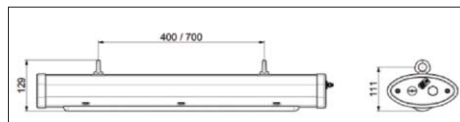
Pole Clamp



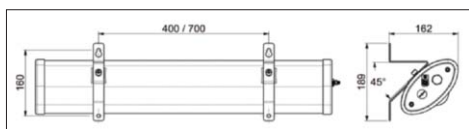
Wall Mount Bracket 30°



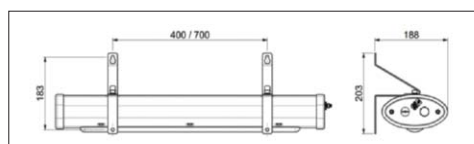
Eyelet



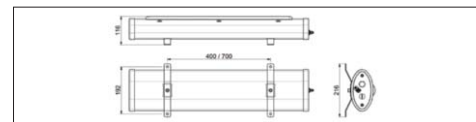
Wall Mount Bracket 45°



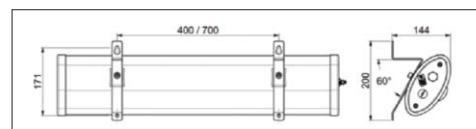
Wall Mount Bracket 90°



Ceiling Mount



Wall Mount Bracket 60°



Part Number	Voltage	Colour / CCT	Entry Options	Lens	Lumens	Watts	Lumens Per Watt
ELA-1C3R-SSCB	100 - 277V AC	5000K (cool white)	2 at each end	Polycarbonate	5,100	64	81
ELA-1C3M-SSCB	100 - 277V AC	5000K (cool white)	2 at each end	Polycarbonate	2,600	32	81

Lm/W are under constant review and improvement, please consult technical department for latest achievable values

Part Number	Description
ELXCMBSS	316 Marine Grade Stainless Steel Ceiling Mount Kit
ELXEYESS	316 Marine Grade Stainless Steel Eyelet kit
ELXPCSS42	Ø40 - 45mm Range 316 Marine Grade Stainless Steel Pole Clamp
ELXPCSS47	Ø47 - 51mm Range 316 Marine Grade Stainless Steel Pole Clamp
ELXPCSS54	Ø54 - 57mm Range 316 Marine Grade Stainless Steel Pole Clamp
ELXPCSS59	Ø59 - 62mm Range 316 Marine Grade Stainless Steel Pole Clamp
ELXWMBSS30	30° 316 Marine Grade Stainless Steel Wall Mount Kit
ELXWMBSS45	45° 316 Marine Grade Stainless Steel Wall Mount Kit
ELXWMBSS60	60° 316 Marine Grade Stainless Steel Wall Mount Kit
ELXWMBSS90	90° 316 Marine Grade Stainless Steel Wall Mount Kit

Resources:

Datasheet: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDTFSF5HZLSSEUX001.pdf • Case Studies, IES Files, LM79 Reports: www.dialight.com/Document/Index/712

SafeSite® LED Stainless Steel Linear Luminaire - Battery Backup



Ratings and Certifications

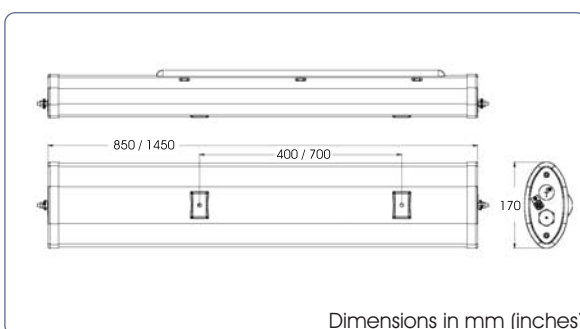
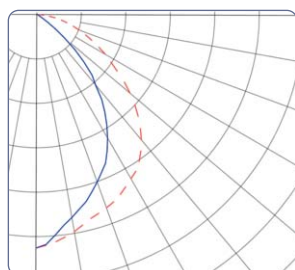
- ATEX Zones 1 & 21
- ATEX Zones 2 & 22
- RoHS compliant
- IP 66
- IK09

Specifications

Fixture weight: 1450mm - 14,2 kg (31 lbs)
850mm - 8,8 kg (20 lbs)
Operating temp: -20°C to +60°C
Housing: 316 Marine grade stainless steel
Lens options: High Impact resistant polycarbonate
Voltage options: 230 / 240V AC
L70: >100,000 hours @ 25°C ambient

Lumens	Wattage	lm/W	Mounting Heights
5,100	70	73	6m
2,600	35	74	3m

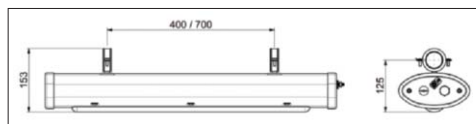
Photometric View



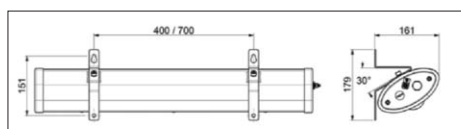
	Dialight Linear	Metal Halide	High Pressure Sodium	Fluorescent
Warranty	5yr	1	1	1
T- Rating	T5	T2	T2A	T3
L-70	>100,000	15,000	20,000	24,000

Mounting Options

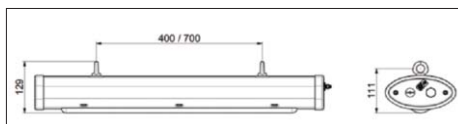
Pole Clamp



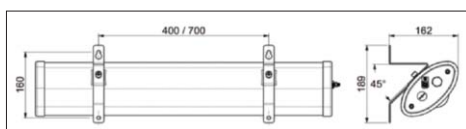
Wall Mount Bracket 30°



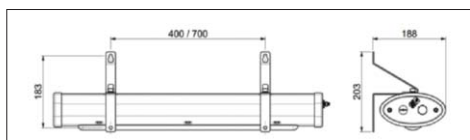
Eyelet



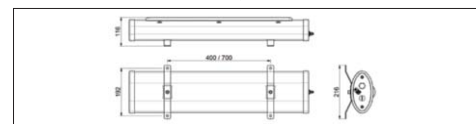
Wall Mount Bracket 45°



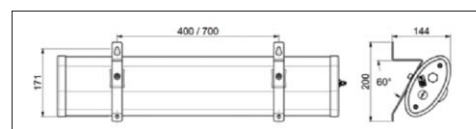
Wall Mount Bracket 90°



Ceiling Mount



Wall Mount Bracket 60°



Part Number	Voltage	Colour / CCT	Entry Options	Lens	Lumens	Emergency mode Lumens	Watts	Lumens Per Watt
ELEA-2C4R-SSCB	230 / 240V AC	5000K (cool white)	2 at each end	Polycarbonate	5,100	271	70	73
ELEA-2C4M-	230 / 240V AC	5000K (cool white)	2 at each end	Polycarbonate	2,600	271	35	74

lm/W are under constant review and improvement, please consult technical department for latest achievable values

Part Number	Description
ELXCMBS	316 Marine Grade Stainless Steel Ceiling Mount Kit
ELXEYSS	316 Marine Grade Stainless Steel Eyelet kit
ELXPCSS42	Ø40 - 45mm Range 316 Marine Grade Stainless Steel Pole Clamp
ELXPCSS47	Ø47 - 51mm Range 316 Marine Grade Stainless Steel Pole Clamp
ELXPCSS54	Ø54 - 57mm Range 316 Marine Grade Stainless Steel Pole Clamp
ELXPCSS59	Ø59 - 62mm Range 316 Marine Grade Stainless Steel Pole Clamp
ELXWMBSS30	30° 316 Marine Grade Stainless Steel Wall Mount Kit
ELXWMBSS45	45° 316 Marine Grade Stainless Steel Wall Mount Kit
ELXWMBSS60	60° 316 Marine Grade Stainless Steel Wall Mount Kit
ELXWMBSS90	90° 316 Marine Grade Stainless Steel Wall Mount Kit

Resources:

Datasheet: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDTFSF5HZLSEUX001.pdf • Case Studies, IES Files, LM79 Reports: www.dialight.com/Document/Index/712

DuroSite® LED Area Light



Ratings and Certifications (other certifications available)

- CE
- IP 66
- NEMA 4X

Specifications

Fixture weight: 5.22 kg (11.5lb)
 Operating temp: -40°C to +65°C
 Housing: Aluminium
 Lens options: Polycarbonate
 Voltage options: 100 – 277V AC
 L70: >100,000 hours @ 25°C ambient

Dialight Area Light Metal Halide High Pressure Sodium

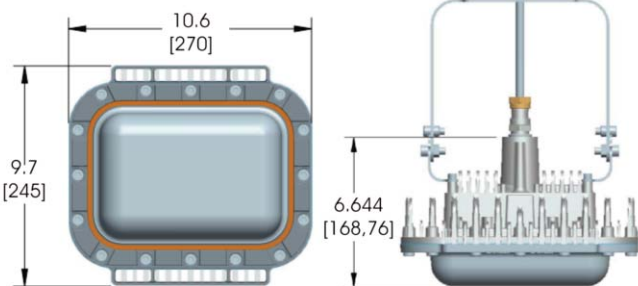
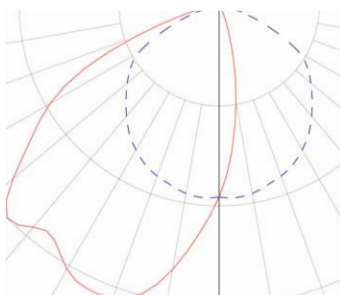
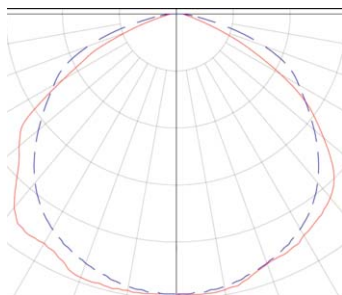
Warranty	5yr	1	1
L-70	>100,000	15,000	20,000

Lumens	Wattage	lm/W	Mounting Heights
7,000	68	103	6m
6,000	58	103	
5,600	58	97	
5,000	48	104	
4,700	48	98	
4,000	38	105	
3,700	38	97	
2,200	21	105	3m

Optical Patterns

360° Optical Pattern

180° Optical Pattern at 45°



Dimensions in mm (Inches)

Ordering Information

Part Number	Initial Fixture Lumens	Wattage	Lumens Per Watt	Lens	Optical Pattern
Standard Models - 100 - 277V AC					
STWEC2NEU	2,200	68	103	Polycarbonate	360
STWFC2NEU	2,200	68	103	Polycarbonate	180
STW9C2NEU	6,000	58	103	Polycarbonate	360
STW8C2NEU	5,600	58	97	Polycarbonate	180
STW5C2NEU	5,000	48	104	Polycarbonate	360
STW4C2NEU	4,700	48	98	Polycarbonate	180
STW3C2NEU	4,000	38	105	Polycarbonate	360
STW2C2NEU	3,700	38	97	Polycarbonate	180
STW0C2NEU	2,200	21	105	Polycarbonate	360
STW1C2NEU	2,200	21	105	Polycarbonate	180

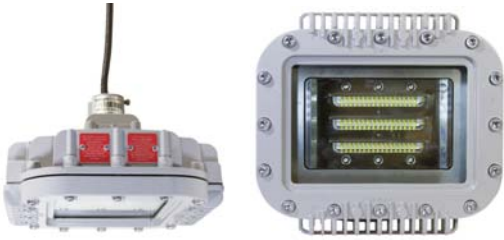
Part numbers listed in the above table are cool white. For neutral white models, replace the 5th character with **N**. EX. STW5C2N-EU becomes STW5N2N-EU

Mounting and Accessories	
Part Number	Description
HZXW4	Stainless Steel bracket with Pipe Clamp and mounting hardware
HZXW3	Stainless Steel bracket with mounting hardware
HZXW7	Aluminum bracket with mounting hardware
HZXW8	Aluminum bracket with Pipe Clamp and mounting hardware

Resources:

Datasheet: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDTFSTWALEUX0011.pdf • Case Studies, IES Files, LM79 Reports: www.dialight.com/Document/Index/710

SafeSite® LED Area Light



Ratings and Certifications (other certifications available)

- ATEX / IECEx Zone 1 & 21
- ATEX / IECEx Zone 2 & 22
- ABS
- IP 66
- IK08
- RoHS

Specifications

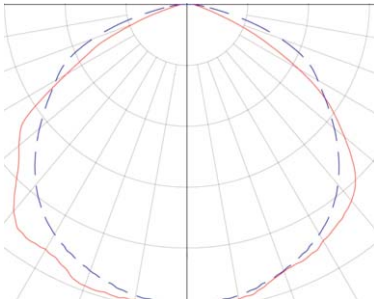
Fixture weight: 6.58kg (14.5 lb)
 Operating temp: -40°C to +65°C
 Housing: Aluminium
 Lens options: Toughened Glass
 Voltage options: 100 – 277V AC
 L70: >100,000 hours @ 25°C ambient

Lumens	Wattage	lm/W	Mounting Heights
6,000	58	103	6m
5,600	58	97	↕
5,100	48	106	
4,600	48	96	
4,000	38	105	
3,600	38	95	↕
2,200	21	105	
			3m

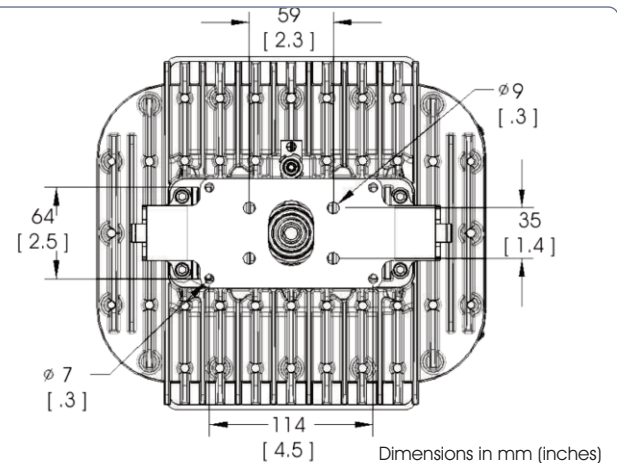
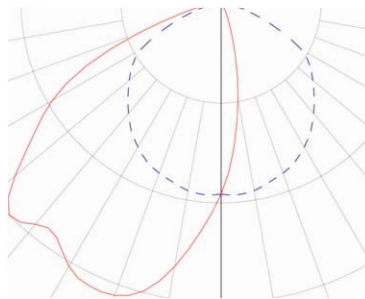
	Dialight Area Light	Metal Halide	High Pressure Sodium
Warranty	5yr	1	1
T - Rating	T5	T2	T2A
L-70	>100,000	15,000	20,000

Optical Patterns

360° Optical Pattern



180° Optical Pattern at 45°



Ordering Information

Part Number	Initial Fixture Lumens	Wattage	Lumens Per Watt	Lens	Optical Pattern
Standard Models - 100 - 277V AC					
HZA9C2N	6,000	58	103	Toughened Glass	360
HZA8C2N	5,600	58	97	Toughened Glass	180
HZA5C2N	5,100	48	106	Toughened Glass	360
HZA4C2N	4,600	48	96	Toughened Glass	180
HZA3C2N	4,000	38	105	Toughened Glass	360
HZA2C2N	3,600	38	95	Toughened Glass	180
HZA1C2N	2,200	21	105	Toughened Glass	360
HZA0C2N	2,200	21	105	Toughened Glass	180

Part numbers listed in the above table are cool white. For neutral white models replace the 5th character with **N**. Ex: HZA2**C**2N becomes HZA2**N**2N

Resources:

Datasheet: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDTFHSALEUX001.pdf • Case Studies, IES Files, LM79 Reports: www.dialight.com/Document/Index/710

Vigilant® LED Floodlight Fixture



Ratings and Certifications

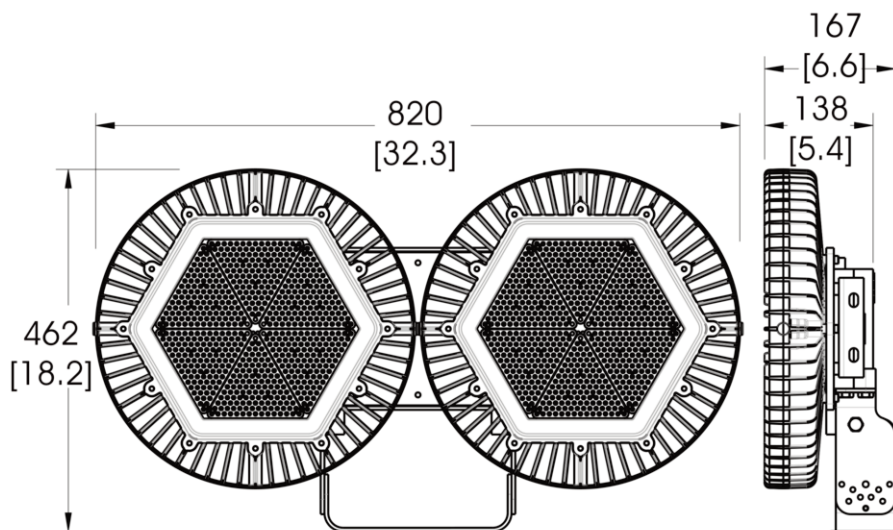
- CE
- IP 66

Specifications

Fixture weight: 23kg
 Operating temp: -40°C to +65°C
 Housing: Aluminium
 Lens options: Tempered Glass
 Voltage options: 100 – 277V AC
 L70: >100,000 hours @ 25°C ambient

Lumens	Wattage	lm/W	Mounting Heights
52,000	424	123	25m - 15m

	Dialight Flood Light	Metal Halide	High Pressure Sodium	Fluorescent
Warranty	10yr	1	1	1
L-70	>100,000	15,000	20,000	



Ordering Information

Part Number	Optical Pattern	Color	Lens	Initial Fixture Lumens	Wattage	Lumens Per Watt
FLEB66MC2NG	Very wide (115°)	Cool White	Tempered Glass	52,000	424	123
FLEBM0MC2NG	Medium Optics	Cool White	Tempered Glass	52,000	424	123

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

Mounting and Accessories	
Part Number	Description
HZXCBL2	Safety cable Kit
FLX-1TPT-20DB	Tenon pole topper, 2-3/8" mount

Brackets and Adaptors below require either Tenon Pole Topper (FLX-1TPT-20DB) or Stanchion Mount Junction Box (HZXSTAN200S) to mount Floodlight. Tenon Pole Topper and Stanchion Mount Junction Box sold separately.

Mounting and Accessories	
Part Number	Description
FLX-1RAB-20DB	Right Angle mounting bracket for 2-3/8" mount
FLX-3RPA-20DB	Reducer for 3" OD round pole top to 2-3/8" light mount
FLX-4RPA-20DB	Reducer for 4" OD round pole top to 2-3/8" light mount
FLX-4SPA-20DB	Internal tenon adapter for 4" square pole top to 2-3/8" light mount
FLX-5SPA-20DB	Internal tenon adapter for 6" square pole top to 2-3/8" light mount
FLX-6SPA-20DB	Internal tenon adapter for 6" square pole top to 2-3/8" light mount

Resources:

Datasheet: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDTEXVFLUX001.pdf • Case Studies, IES Files, LM79 Reports: www.dialight.com/Product/Category/537721

DuroSite® LED Floodlight Fixture



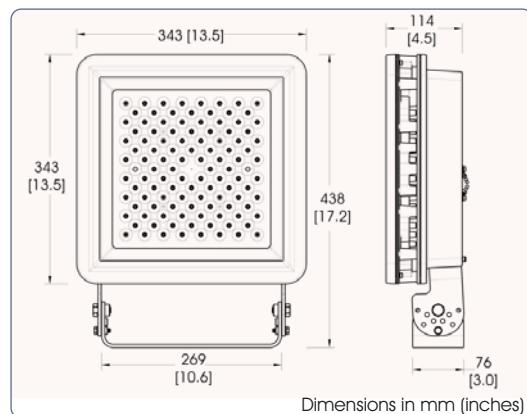
Ratings and Certifications (other certifications available)

- CE
- NEMA 4X (pending)
- IP 66

Specifications

Fixture weight: 14kg
 Operating temp: -40°C to +65°C
 Housing: Low copper Aluminum
 Lens options: Tempered Glass
 Voltage options: 100 – 277V AC
 L70: >100,000 hours @ 25°C ambient

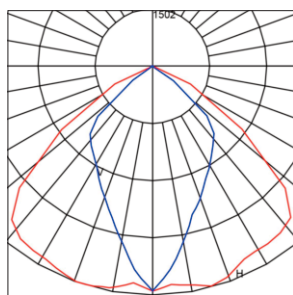
Lumens	Wattage	lm/W	Mounting Heights
11,500	109	105	6m and lower
11,250	109	103	
11,000	109	101	
10,750	109	99	
10,500	109	96	



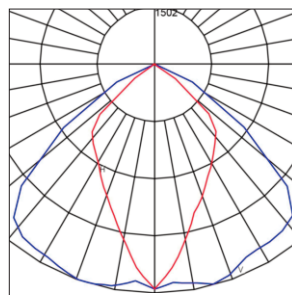
	Dialight Floodlight	Metal Halide	High Pressure Sodium	Fluorescent
Warranty	10 yr	1	1	1
L-70	>100,000	15,000	20,000	24,000

Optical Pattern

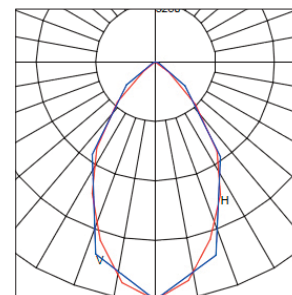
Asymmetrical
Field angle = 140° x 115°



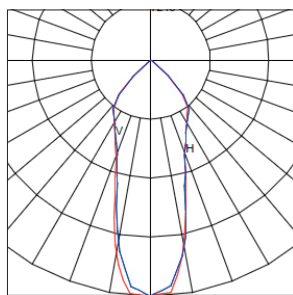
Asymmetrical
Field angle = 115° x 115°



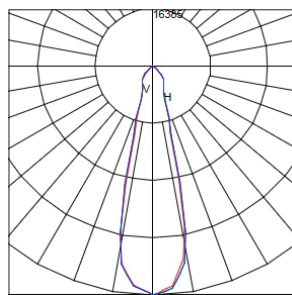
Very wide
Field angle = 115°



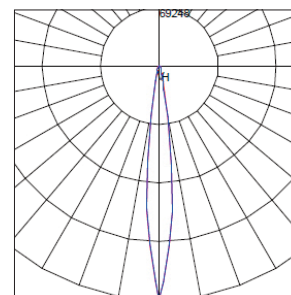
Wide
Field angle = 93°



Medium
Field angle = 52°



Narrow
Field angle = 23°



Resources:

Datasheet: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDTEXDSFLEUX001.pdf • Case Studies, IES Files, LM79 Reports: www.dialight.com/Document/Index/6373

DuroSite® LED Floodlight - Ordering Information

Part Number	Optical Pattern	CCT	Lumens	Wattage	LPW
FLE276MC2NG	Asymmetrical (140° x 115°)	Cool White	11,500	109	105
FLE267MC2NG	Asymmetrical (115° x 140°)	Cool White	11,500	109	105
FLE266MC2NG	Very wide (115°)	Cool White	11,250	109	103
FLE255MC2NG	Wide (93°)	Cool White	11,000	109	101
FLE244MC2NG	Medium (52°)	Cool White	10,500	109	96
FLE222MC2NG	Narrow (23°)	Cool White	10,750	109	99

Part numbers listed in the above table are powder coated gray. For bronze powder coated replace the 10th character with **Z**. FLE244MC2**NG** becomes FLE244MC2**ZG**

Mounting and Accessories	
Part Number	Description
HZXSAFECBLS	Safety cable Kit
FLX-1TPT-20DB	Tenon pole topper, 2-3/8" mount
HZXSTAN100S	1.00" Slip-Fit Stanchion Mount Junction Box
HZXSTAN125S	1.25" Slip-Fit Stanchion Mount Junction Box
HZXSTAN150S	1.50" Slip-Fit Stanchion Mount Junction Box
HZXSTAN200S	2.00" Slip-Fit Stanchion Mount Junction Box¹
HZXSTAN100T	1.00" NPT Threaded Stanchion Mount Junction Box
HZXSTAN125T	1.25" NPT Threaded Stanchion Mount Junction Box
HZXSTAN150T	1.50" NPT Threaded Stanchion Mount Junction Box
HZXSTAN200T	2.00" NPT Threaded Stanchion Mount Junction Box

Brackets and Adaptors below require either Tenon Pole Topper (FLX-1TPT-20DB) or Stanchion Mount Junction Box (HZXSTAN200S) to mount Floodlight. Tenon Pole Topper and Stanchion Mount Junction Box sold separately.

Mounting and Accessories	
Part Number	Description
FLX-1RAB-20DB	Right Angle mounting bracket for 2-3/8" mount
FLX-2LBH-20DB	Bull Horn for 2 lights, 2-3/8" mount, 26" spacing
FLX-3LBH-20DB	Bull Horn for 3 lights, 2-3/8" mount, 26" spacing
FLX-4LBH-20DB	Bull Horn for 4 lights, 2-3/8" mount, 26" spacing
FLX-4RBH-20DB	Bull Horn for 4 lights in star configuration, 2-3/8" mount, 26" spacing
FLX-2RSR-20DB	Round Square Round bracket for 2 lights, 2-3/8" mount, 26" spacing
FLX-3RSR-20DB	Round Square Round bracket for 3 lights, 2-3/8" mount, 26" spacing
FLX-4RSR-20DB	Round Square Round bracket for 4 lights, 2-3/8" mount, 26" spacing
FLX-3RPA-20DB	Reducer for 3" OD round pole top to 2-3/8" light mount
FLX-4RPA-20DB	Reducer for 4" OD round pole top to 2-3/8" light mount
FLX-4SPA-20DB	Internal tenon adapter for 4" square pole top to 2-3/8" light mount
FLX-5SPA-20DB	Internal tenon adapter for 6" square pole top to 2-3/8" light mount
FLX-6SPA-20DB	Internal tenon adapter for 6" square pole top to 2-3/8" light mount

¹Tenon Pole Topper (FLX-1TPT-20DB) or Stanchion Mount Junction Box (HZXSTAN200S) sold separately



DuroSite® LED Bulkhead Fixture



Ratings and Certifications (other certifications available)

- CE
- IP 66/67
- RoHS
- Emergency models available
- Amber / Green / Red models available

Specifications

Fixture weight: 11W / 22W: 4.70kg
34W 4.85kg

Operating Temp; 11W / 22W: -40°C to +60°C
34W: -40°C to +50°C

Housing: Copper free LM6 alum cast

Lens options: High impact resistance clear Glass, frosted Glass

Voltage options: 100 – 277V AC or 24-48V DC

L70: >100,000 hours @ 25°C ambient

Lumens	Wattage	lm/W	Mounting Heights
2,250	34	66	6m
2,150	34	63	↕
1,200	22	56	↕
600	11	55	3m

Dialight Wallpack / Bulkhead	Metal Halide	High Pressure Sodium
------------------------------	--------------	----------------------

Warranty

5yr

1

1

L-70

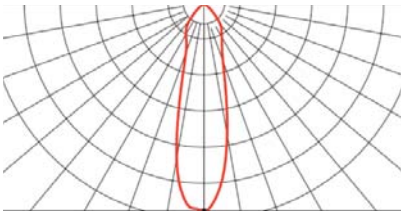
>100,000

15,000

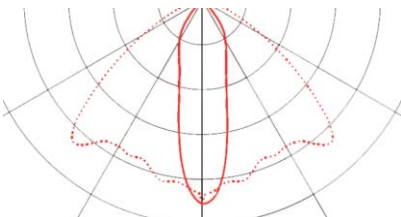
20,000

Optical Patterns

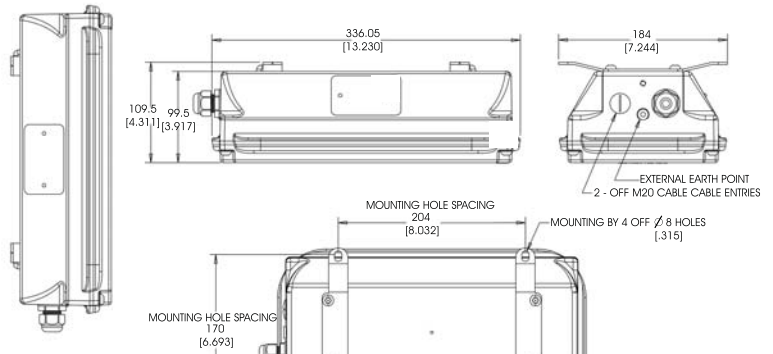
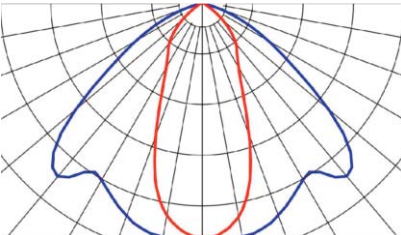
Narrow Optic



Oval Optic (35 x55)



Oval Optic 55x35



Dimensions in mm [Inches]

Mounting Options



Adjustable Bracket



Stanchion mounting Bracket



85 Degree Stanchion mounting Bracket



25 Degree Stanchion mounting Bracket



Pipe and Flush Bracket

Resources:

Datasheet: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDEXWPXW001.pdf • Case Studies, IES Files, LM79 Reports: www.dialight.com/Document/Index/709

DuroSite® LED Bulkhead Fixture - Ordering Information

Part Number	Initial Fixture Lumens	Wattage	Lumens Per Watt	Bracket	Tempered Glass Lens		Optical Pattern
					Clear	Frosted	Circular
Standard Models - 100 - 277V AC							
WP4C3LNLGC	2,250	34	66	No Bracket	Glass		Oval (35° X 55°)
WP2C3LNLGC	2,250	34	66	No Bracket	Glass		Wide
WP2C3LNLGF	2,250	34	66	No Bracket		Glass	Wide
WP5C3LNLGC	2,150	34	63	No Bracket	Glass		Oval (55° X 35°)
WP4C3LNLGF	2,115	34	62	No Bracket		Glass	Oval (35° X 55°)
WP4C3LALGF	2,115	34	62	Angle Bracket		Glass	Oval (35° X 55°)
WP4C3CFLGF	2,115	22	96	Flush Bracket		Glass	Oval (35° X 55°)
WP5C3CNLGF	2,021	34	59	No Bracket		Glass	Oval (55° X 35°)
WP5C3LNLGF	2,021	34	59	No Bracket		Glass	Oval (55° X 35°)
WP5C3LFLGC	2,021	34	59	Flush Bracket	Glass		Oval (55° X 35°)
WP4C3HNLGC	1,200	22	55	No Bracket	Glass		Oval (35° X 55°)
WP5C3HNLGC	1,200	22	55	No Bracket	Glass		Oval (55° X 35°)
WP2C3HNLGC	1,200	22	55	No Bracket	Glass		Wide
WP5C3HNLGF	1,200	22	55	No Bracket		Glass	Oval (55° X 35°)
WP5C3HFLGC	1,200	22	55	Flush Bracket	Glass		Oval (55° X 35°)
WP4C3HNLGF	1,128	22	51	No Bracket		Glass	Oval (35° X 55°)
WP2C3HNLGF	1,128	22	51	No Bracket		Glass	Wide
WP4C3LFLGF	1,128	23	49	Flush Bracket		Glass	Oval (35° X 55°)
WP4C3CALGC	600	11	55	Angle Bracket	Glass		Oval (35° X 55°)
WP4C3CNLGC	600	11	55	No Bracket	Glass		Oval (35° X 55°)
WP2C3CNLGC	600	11	55	No Bracket	Glass		Wide
WP5C3LALGC	600	11	55	Angle Bracket	Glass		Oval (55° X 35°)
WP5C3CFLGC	600	11	55	Flush Bracket	Glass		Oval (55° X 35°)
WP5C3CNLGC	600	11	55	No Bracket	Glass		Oval (55° X 35°)
WP5C3CALGC	600	11	55	Angle Bracket	Glass		Oval (55° X 35°)
WP5C3HALGC	600	11	55	Angle Bracket	Glass		Oval (55° X 35°)
WP2C3CFLGC	564	11	51	Flush Bracket	Glass		Wide
WP2C3CNLGF	564	11	51	No Bracket		Glass	Wide
WP4C3CNLGF	564	11	51	No Bracket		Glass	Oval (35° X 55°)
WP4C3CFLGC	564	11	51	Flush Bracket	Glass		Oval (35° X 55°)
WP5C3CFLGF	564	9	63	Flush Bracket		Glass	Oval (55° X 35°)
WP5C3HFLGF	564	11	51	Flush Bracket		Glass	Oval (55° X 35°)
WP5C3LFLGF	564	11	51	Flush Bracket		Glass	Oval (55° X 35°)
WP5C3CALGF	564	10	56	Angle Bracket		Glass	Oval (55° X 35°)
WP5C3HALGF	564	11	51	Angle Bracket		Glass	Oval (55° X 35°)
WP5C3LALGF	564	11	51	Angle Bracket		Glass	Oval (55° X 35°)
WP2C3CFLGF	564	11	51	Flush Bracket		Glass	Wide

Notes:

*Standard option - 2 M20 entries one side.

Entry Options

Standard Option
2 Entries One Side

Option "E"
2 Entries One Side, 1 Entry
Opposite Side. Add **E** to the
end of the order code

Option "R"
Add **R** to the end of
the order code

Option "H"
2 Entries One Side, 2 Entries Opposite Side
and 1 Entry in the Rear
Add **H** to the end of the order code



Mounting and Accessories	
Part Number	Description
WPBRKTSSADJ	Stainless Steel Adjustable bracket
WPSTMBLG0024	Stanchion mount npt 90°
WPSTMBLG2524	Stanchion mount npt 25°
WPSTMBLG0010	Stanchion mount 50mm 90°
WPSTMBLG2510	Stanchion mount 50mm 25°
WPSTMBLG0022	Stanchion mount bsp 90°
WPSTMBLG2522	Stanchion mount bsp 25°
WPSTMBLG8550	Stanchion bracket 85D 34mm BORE
WPSTMBLG8560	Stanchion bracket 85D 38mm BORE
WPSTMBLG0042	Stanchion bracket OD 1.25"BSP
WPSTMBLG2542	Stanchion bracket 25D 1.25"BSP
WPBRKTSS30	Angled mounting bracket Kit
WPBRKTFKIT	Flush mount bracket
WPBRKTLGPF	Bracket pipe/flush RAL7001
WPLMFE	Lens mount, FIRE EXIT KIT
WPLMSB	Lens mount, sand blast kit
WPSBL	Replacement sand blast lens



SafeSite® LED Bulkhead Fixture



Ratings and Certifications (other certifications available)

- ATEX/ IECEx Zones 1 & 21
- ATEX/ IECEx Zones 2 & 22
- CE
- IK09
- Amber models available
- ABS
- IP 66/67
- Emergency models available

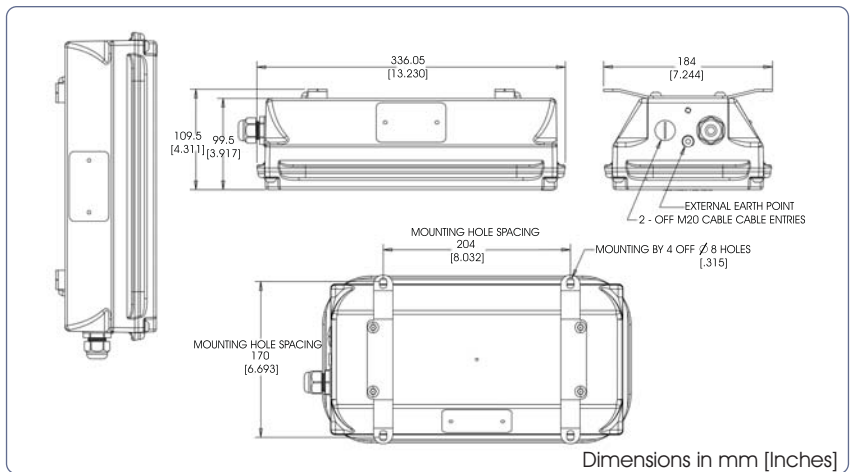
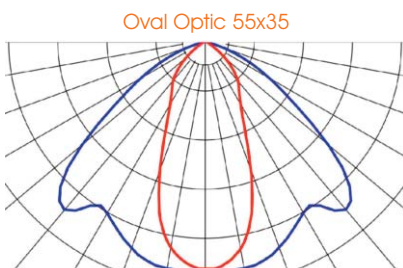
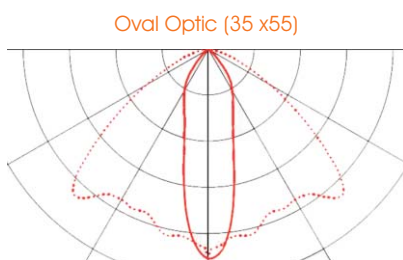
Specifications

Fixture weight: 5.40kg (11.90 lbs)
 Operating temp: -40°C to +60°C
 Housing: Copper free LM6 aluminium
 Lens options: Tempered Glass
 Voltage options: 100 – 277V AC or 24 - 48V DC
 L70: >100,000 hours @ 25°C ambient

Lumens	Wattage	lm/W	Mounting Heights
2,250	34	66	6m
2,115	34	62	↕
1,200	22	55	↕
600	11	55	3m

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

Optical Patterns



Mounting Options



Adjustable Bracket



Stanchion mounting Bracket



85 Degree Stanchion mounting Bracket



25 Degree Stanchion mounting Bracket



Pipe and Flush Bracket

SafeSite® Bulkhead Fixture - Ordering Information

Part Number *	Initial Fixture Lumens	Wattage	Lumens Per Watt	Bracket	Tempered Glass Lens		Optical Pattern
					Clear	Frosted	
Standard Models - 100 - 277V AC							
WPA2C3LNLGC	2,250	34	66	No Bracket	Glass		Wide
WPA4C3LNLGC	2,250	34	66	No Bracket	Glass		Oval (35° X 55°)
WPA2C3LNLGF	2,115	34	62	No Bracket		Glass	Wide
WPA4C3LNLGF	2,115	34	62	No Bracket		Glass	Oval (35° X 55°)
WPA2C2HNLGC	1,200	22	55	No Bracket	Glass		Wide
WPA2C3HNLGC	1,200	22	55	No Bracket	Glass		Wide
WPA4C2HALGC	1,200	22	55	Angle Bracket	Glass		Oval (35° X 55°)
WPA4C3HNLGC	1,200	22	55	No Bracket	Glass		Oval (35° X 55°)
WPA5C3HNLGC	1,200	22	55	No Bracket	Glass		Oval (55° X 35°)
WPA4C3HNLGF	1,200	22	55	No Bracket		Glass	Oval (35° X 55°)
WPA5C3LNLGC	1,200	34	35	No Bracket	Glass		Oval (55° X 35°)
WPA2C3HNLGF	1,128	22	51	No Bracket		Glass	Wide
WPA5C2HNLGF	1,128	22	51	No Bracket		Glass	Oval (55° X 35°)
WPA2C3LALGF	1,128	34	33	Angle Bracket		Glass	Wide
WPA5C3HNLGF	1,128	22	51	No Bracket		Glass	Oval (55° X 35°)
WPA5C3LNLGF	1,128	34	33	No Bracket		Glass	Oval (55° X 35°)
WPA4C3CNLGC	600	11	55	No Bracket	Glass		Oval (35° X 55°)
WPA2C3CNLGC	600	11	55	No Bracket	Glass		Wide
WPA5C3CNLGC	600	11	55	No Bracket	Glass		Oval (55° X 35°)
WPA4C3CNLGF	564	11	51	No Bracket		Glass	Oval (35° X 55°)
WPA2C3CNLGF	564	11	51	No Bracket		Glass	Wide
WPA5C3CNLGF	564	11	51	No Bracket		Glass	Oval (55° X 35°)
Standard Models - 24 - 48V AC							
WPA4C2HNLGC	1,200	22	55	No Bracket	Glass		Oval (35° X 55°)
WPA5C2HNLGC	1,200	22	55	No Bracket	Glass		Oval (55° X 35°)
WPA4C2HNLGF	1,128	22	51	No Bracket		Glass	Oval (35° X 55°)
WPA2C2CNLGC	600	11	55	No Bracket	Glass		Wide
WPA5C2CNLGC	600	11	55	No Bracket	Glass		Oval (55° X 35°)
WPA4C2CNLGC	600	11	55	No Bracket	Glass		Oval (35° X 55°)
WPA5C2CNLGF	600	11	55	No Bracket		Glass	Oval (55° X 35°)
WPA2C2HNLGF	564	11	51	No Bracket		Glass	Wide
WPA2C2CNLGF	564	11	51	No Bracket		Glass	Wide
WPA4C2CNLGF	564	11	51	No Bracket		Glass	Oval (35° X 55°)

Notes:

*Flush bracket replace the 10th character with an **F** . Example: WPA-2C3L-**N**LGC becomes WPC-2N3L-**F**LGC

*Angle bracket replace the 10th character with an **A** . Example: WPA-2C3L-**N**LGC becomes WPC-2N3L-**A**LGC

*Standard option - 2 M20 entries one side

Entry Options

Standard Option
2 Entries One Side

Option "E"
2 Entries One Side, 1 Entry
Opposite Side. Add **E** to the
end of the order code

Option "R"
Add **R** to the end of
the order code

Option "H"
2 Entries One Side, 2 Entries Opposite Side
and 1 Entry in the Rear
Add **H** to the end of the order code



Mounting and Accessories	
Part Number	Description
WPBRKTSSADJ	Stainless Steel Adjustable bracket
WPSTMBLG0024	Stanchion mount npt 90°
WPSTMBLG2524	Stanchion mount npt 25°
WPSTMBLG0010	Stanchion mount 50mm 90°
WPSTMBLG2510	Stanchion mount 50mm 25°
WPSTMBLG0022	Stanchion mount bsp 90°
WPSTMBLG2522	Stanchion mount bsp 25°
WPSTMBLG8550	Stanchion bracket 85D 34mm BORE
WPSTMBLG8560	Stanchion bracket 85D 38mm BORE
WPSTMBLG0042	Stanchion bracket OD 1.25"BSP
WPSTMBLG2542	Stanchion bracket 25D 1.25"BSP
WPBRKTSS30	Angled mounting bracket Kit
WPBRKTFKIT	Flush mount bracket
WPBRKTLGPF	Bracket pipe/flush RAL7001
WPLMFE	Lens mount, FIRE EXIT KIT
WPLMSB	Lens mount, sand blast kit
WPSBL	Replacement sand blast lens



StreetSense® LED Street Light



Ratings and Certifications (other certifications available)

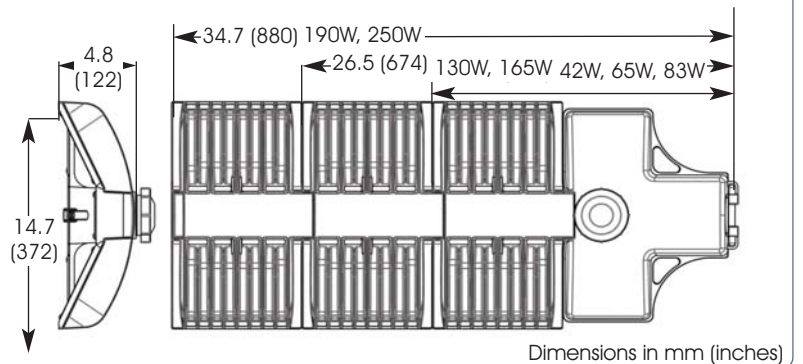
- CE
- ATEX / IECEx Zone 2
- IP 66
- RoHS

Specifications

Fixture weight: 1 light engines: 7.26kg (16 lbs)
 2 light engines: 11.34kg (25 lbs)
 3 light engines: 15.42kg (34 lbs)
 Operating temp: -40°F to 165°F (-40°C to 74°C) ambient
 Housing: Die cast aluminum alloy A360
 Polymeric materials UL94 V0 flame retardant materials
 Lens options: Polycarbonate, optically optimized, tempered Glass
 Voltage options: 100 – 277V AC, 347 – 480V AC
 L70: >100,000 hours @ 25°C ambient

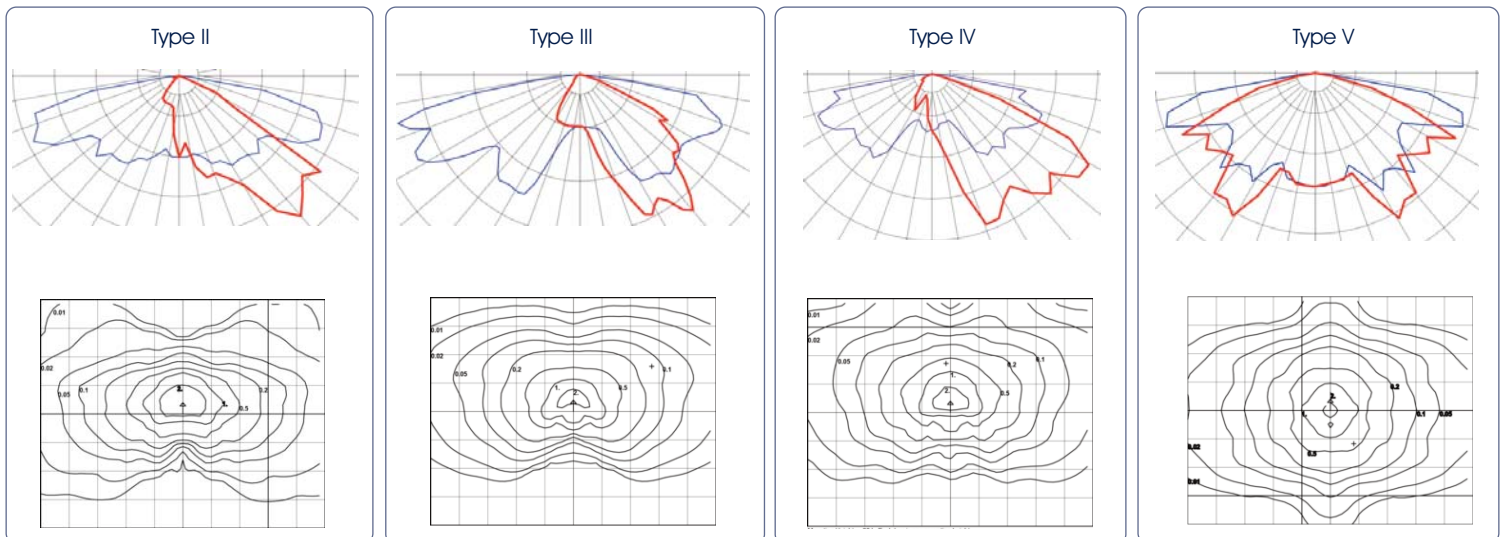
Lumens	Wattage	lm/W	Mounting Heights
20,250	252	80	17m
16,000	190	84	
13,300	165	81	
10,900	131	83	
6,800	83	82	
5,500	65	85	
3,700	43	86	5m

	Dialight Street Light	Metal Halide	High Pressure Sodium
Warranty	7yr	1	1
L-70	>100,000	6,000	20,000



Optical Patterns

Intensity Distribution Curve (cd)



Resources:

Datasheet: http://www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDTSL3X001.pdf • Case Studies, IES Files, LM79 Reports: www.dialight.com/Document/Index/711

StreetSense® LED Street Light - Ordering Information

Part Number	Initial Fixture Lumens	Wattage	Lumens Per Watt	Voltage	Lens	Color Temperature	Housing Color	Surge Protection
Zone 2 Models - 100 - 277V AC								
SLA3N4HG	10,900	131	83	120-277V AC	Glass	Neutral White	Grey	6kV
SLA3N4SG	20,250	252	80	120-277V AC	Glass	Neutral White	Grey	6kV
Type II - 120 - 277V AC								
SL2C4CLGHEU	5,060	65	78	120-277V AC	Polycarbonate	Cool White	Grey	6kV
SL2C5CLGHEU	5,060	65	78	120-277V AC	Polycarbonate	Cool White	Grey	10kV
SL2C4CLGGEU	5,500	65	85	120-277V AC	Glass	Cool White	Grey	6kV
SL2C5DLGHEU	6,256	83	75	120-277V AC	Polycarbonate	Cool White	Grey	10kV
SL2C4DLGGEU	6,800	83	82	120-277V AC	Glass	Cool White	Grey	6kV
SL2C4HLGHEU	10,028	131	77	120-277V AC	Polycarbonate	Cool White	Grey	6kV
SL2C5HLBHEU	10,028	131	77	120-277V AC	Polycarbonate	Cool White	Bronze	10kV
SL2C4HLGGEU	10,900	131	83	120-277V AC	Glass	Cool White	Grey	6kV
SL2C4RLGHEU	14,720	190	77	120-277V AC	Polycarbonate	Cool White	Grey	6kV
SL2C5RLGHEU	14,720	190	77	120-277V AC	Polycarbonate	Cool White	Grey	10kV
SL2C5SNGGEU	20,250	252	80	120-277V AC	Glass	Cool White	Grey	10kV
Type II - 347 - 480V AC								
SL2C7CLGGEU	5,500	65	85	347-480V AC	Glass	Cool White	Grey	10kV
SL2C7HLGHEU	10,028	131	77	347-480V AC	Polycarbonate	Cool White	Grey	10kV
Type III - 120 - 277V AC								
SL3C4BLGGEU	3,700	43	86	120-277V AC	Glass	Cool White	Grey	6kV
SL3C4CLGHEU	5,060	65	78	120-277V AC	Polycarbonate	Cool White	Grey	6kV
SL3C4CLBHEU	5,060	65	78	120-277V AC	Polycarbonate	Cool White	Bronze	6kV
SL3C5CLBHEU	5,060	65	78	120-277V AC	Polycarbonate	Cool White	Bronze	10kV
SL3C4CLBGEU	5,500	65	85	120-277V AC	Glass	Cool White	Bronze	6kV
SL3C4CLGGEU	5,500	65	85	120-277V AC	Glass	Cool White	Grey	6kV
SL3C4DLGHEU	6,256	83	75	120-277V AC	Polycarbonate	Cool White	Grey	6kV
SL3C4DNHGEU	6,256	83	75	120-277V AC	Polycarbonate	Cool White	Grey	6kV
SL3C4DLGGEU	6,800	83	82	120-277V AC	Glass	Cool White	Grey	6kV
SL3C4HLGHEU	10,028	131	77	120-277V AC	Polycarbonate	Cool White	Grey	6kV
SL3C4HNGHEU	10,028	131	77	120-277V AC	Polycarbonate	Cool White	Grey	6kV
SL3C5HRGHEU	10,028	131	77	120-277V AC	Polycarbonate	Cool White	Grey	10kV
SL3C4HLBHEU	10,028	131	77	120-277V AC	Polycarbonate	Cool White	Bronze	6kV
SL3C4HLGGEU	10,900	131	83	120-277V AC	Glass	Cool White	Grey	6kV
SL3C4IRGHEU	12,236	165	74	120-277V AC	Polycarbonate	Cool White	Grey	6kV
SL3C4ILGGEU	13,300	165	81	120-277V AC	Glass	Cool White	Grey	6kV
SL3C5INBGEU	13,300	165	81	120-277V AC	Glass	Cool White	Bronze	10kV
SL3C4RLGHEU	14,720	190	77	120-277V AC	Polycarbonate	Cool White	Grey	6kV
SL3C4RLBHEU	14,720	190	77	120-277V AC	Polycarbonate	Cool White	Bronze	6kV
SL3C5RLBHEU	14,720	190	77	120-277V AC	Polycarbonate	Cool White	Bronze	10kV
SL3C4RLGGEU	16,000	190	84	120-277V AC	Glass	Cool White	Grey	6kV
SL3C4SLGHEU	18,630	252	74	120-277V AC	Polycarbonate	Cool White	Grey	6kV
SL3C4SRGHEU	18,630	252	74	120-277V AC	Polycarbonate	Cool White	Grey	6kV
SL3C5SLBHEU	18,630	252	74	120-277V AC	Polycarbonate	Cool White	Bronze	10kV
SL3C4SLGGEU	20,250	252	80	120-277V AC	Glass	Cool White	Grey	6kV
SL3C4SRGGEU	20,250	252	80	120-277V AC	Glass	Cool White	Grey	6kV
SL3C5SLGGEU	20,250	252	80	120-277V AC	Glass	Cool White	Grey	10kV
SL3C5SLBGEU	20,250	252	80	120-277V AC	Glass	Cool White	Bronze	10kV

Part Number	Initial Fixture Lumens	Wattage	Lumens Per Watt	Voltage	Lens	Color Temperature	Housing Color	Surge Protection
Type III - 347 - 480V AC								
SL3C7CLBHEU	5,060	65	78	347-480V AC	Polycarbonate	Cool White	Bronze	10kV
SL3C7CLGGEU	5,500	65	85	347-480V AC	Glass	Cool White	Grey	10kV
SL3C7DLRGEU	6,800	83	82	347-480V AC	Glass	Cool White	Green	10kV
SL3C7HLGHEU	10,028	131	77	347-480V AC	Polycarbonate	Cool White	Grey	10kV
SL3C7HLBHEU	10,028	131	77	347-480V AC	Polycarbonate	Cool White	Bronze	10kV
SL3C7HLGGEU	10,900	131	83	347-480V AC	Glass	Cool White	Grey	10kV
SL3C7INGGEU	13,300	165	81	347-480V AC	Glass	Cool White	Grey	10kV
SL3C7RLGHEU	14,720	190	77	347-480V AC	Polycarbonate	Cool White	Grey	10kV
SL3C7RLBHEU	14,720	190	77	347-480V AC	Polycarbonate	Cool White	Bronze	10kV
SL3C7RLWHEU	14,720	190	77	347-480V AC	Polycarbonate	Cool White	White	10kV
SL3C7SLGHEU	18,630	252	74	347-480V AC	Polycarbonate	Cool White	Grey	10kV
SL3C7SNGHEU	18,630	252	74	347-480V AC	Polycarbonate	Cool White	Grey	10kV
SL3C7SNGGEU	20,250	252	80	347-480V AC	Glass	Cool White	Grey	10kV
Type IV - 120 - 277V AC								
SL4C4CLGHEU	5,060	65	78	120-277V AC	Polycarbonate	Cool White	Grey	6kV
SL4C4HLGHEU	10,028	131	77	120-277V AC	Polycarbonate	Cool White	Grey	6kV
SL4C5HLBHEU	10,028	131	77	120-277V AC	Polycarbonate	Cool White	Bronze	10kV
SL4C4HLGGEU	10,900	131	83	120-277V AC	Glass	Cool White	Grey	6kV
SL4C4ILGHEU	12,236	165	74	120-277V AC	Polycarbonate	Cool White	Grey	6kV
SL4C4RLGHEU	14,720	190	77	120-277V AC	Polycarbonate	Cool White	Grey	6kV
SL4C4RLKHEU	14,720	190	77	120-277V AC	Polycarbonate	Cool White	Black	6kV
SL4C4SLGHEU	18,630	252	74	120-277V AC	Polycarbonate	Cool White	Grey	6kV
Type IV - 347 - 480V AC								
SL4C7DLKHEU	6,256	83	75	347-480V AC	Polycarbonate	Cool White	Black	10kV
SL4C7HLGHEU	10,028	131	77	347-480V AC	Polycarbonate	Cool White	Grey	10kV
SL4C7RLGHEU	14,720	190	77	347-480V AC	Polycarbonate	Cool White	Grey	10kV
SL4C7SLGHEU	18,630	252	74	347-480V AC	Polycarbonate	Cool White	Grey	10kV
Type V - 120 - 277V AC								
SL5C4CLGHEU	5,060	65	78	120-277V AC	Polycarbonate	Cool White	Grey	6kV
SL5C4HLGHEU	10,028	131	77	120-277V AC	Polycarbonate	Cool White	Grey	6kV
SL5C4RLGHEU	14,720	190	77	120-277V AC	Polycarbonate	Cool White	Grey	6kV
SL5C4RLKHEU	14,720	190	77	120-277V AC	Polycarbonate	Cool White	Black	6kV
SL5C4SLGHEU	18,630	252	74	120-277V AC	Polycarbonate	Cool White	Grey	6kV
SL5C7SLGHEU	18,630	252	74	347-480V AC	Polycarbonate	Cool White	Grey	10kV
Type V - 347 - 480V AC								
SL5C7SLGHEU	18,630	252	74	347-480V AC	Polycarbonate	Cool White	Grey	10kV

For Dialight's complete list of DLC qualified products, please click this link: www.dialight.com/Assets/News_And_Events/DLC_Part_Number_List.xls

Options and Accessories	
Part Number	Description
SLSHIELDKIT	Shield Kit
SLPC03R	483V Photo Controller
SLPC02R	347V Photo Controller
SLPC01R	120-277V Photo Controller

High Bay Controls



Wall Controller

Sensors

- Pyroelectric Infrared PIR Motion Sensor Detector
- Detecting distance up to 7m
- Ambient light sensor
- Tuned for human eye spectral sensitivity

Physical Dimensions:

- 241.3mm Width
- 241.3mm Height
- 50.8mm Depth

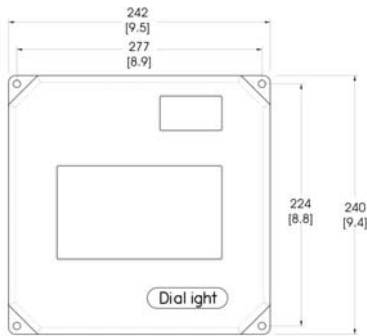
Screen

- 177.8mm Diagonal
- 152.4mm Wide
- 88.9mm High
- User Input: Resistive Touch Screen
- Resolution – 800 x 480 pixels

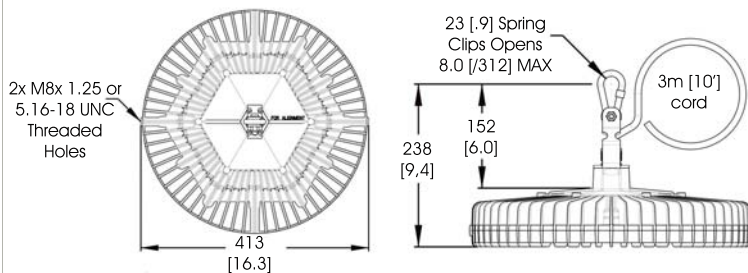
Certifications & Ratings (High Bay)

- CE - EN 55015:2006 / EN 61547:2009 / EN 60598:2008
- EN 62471:2008
- IEC60068 salt spray testing- severity 1
- IK05 to EN50102 (Glass lens)
- IP 66 to EN60529

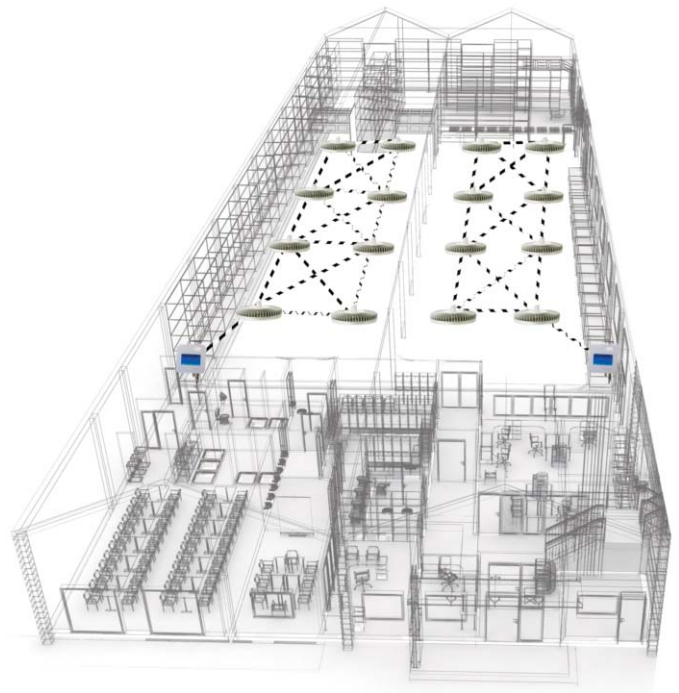
Dimensions



Dimensions in mm [Inches]



Dimensions in mm [Inches]



Part number	Lumens	Wattage	Lumens per Watt	Voltage	CCT	PROTOCOL
DuroSite High Bay - CE						
HBGCMPEUH-Z2	17,000	175	97	100 - 277V AC	Cool White	Wireless
HBGCMPEUH-D1	17,000	175	97	100 - 277V AC	Cool White	DALI
HBGNMPEUH-Z2	15,500	175	89	100 - 277V AC	Neutral White	Wireless
HB2CMP-EUH-Z2	14,750	175	84	100 - 277V AC	Cool White	Wireless
HBGC4P-EUH-Z2	14,500	151	96	100 - 277V AC	Cool White	Wireless
HBGC4P-EUH-D1	14,000	157	89	100 - 277V AC	Cool White	DALI
HBEC4P-EUH-Z2	13,500	164	82	100 - 277V AC	Cool White	Wireless
HBGN4P-EUH-Z2	12,750	157	81	100 - 277V AC	Neutral White	Wireless
HB2C4M-EUH-Z2	10,000	151	66	100 - 277V AC	Cool White	Wireless
Wall Controller						
WLC-004-MBAL		10W typical, 20W max		120 – 277V AC		DALI & Wireless

Resources:

Datasheet: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/CE_High_Bay_Controls.pdf • Case Studies, IES Files, LM79 Reports: www.dialight.com/Product/Category/524351

Dialight Contact Information

EMEA HQ

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

North American HQ

1501 Route 34 South
Farmingdale, NJ 07727
Tel: 732-919-3119 - Fax: 732-751-5778
info@dialight.com

Houston office

16830 Barker Springs Rd
Ste 407
Houston, TX 77084

Australia office

U4, 42 Collingwood Street
Osborne Park, WA 6017
Tel: +61 (0) 8 9244 7600

Middle East office

Level 42
Emirates Towers (Office Tower)
Sheikh Zayed Road
Dubai, United Arab Emirates
Tel: +971(0)4319 7686

Southeast Asia office

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

