

for Indoor and Outdoor Industrial Applications



On when it matters most.

Products and solutions that protect your business



















Features & Benefits

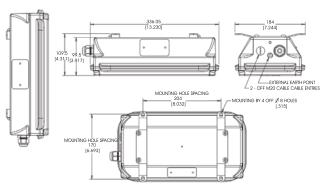
- L70 rated for >100,000 hours @ 25°
 C ambient
- 5 year warranty
- Instant on/off operation
- Mercury free, lead free
- Resistant to shock and vibration
- Additional LED colors available upon request (green or red)

Application

The Dialight SafeSite® LED Bulkhead luminaire with its low profile, rugged design ensures long life and high reliability for a wide variety of applications requiring INMETRO certification. Offered in 22 Watt and 34 Watt versions, it is ideally suited for oil platforms, explosive environments, mills, chemical plants and other hazardous environments. The product can be supplied with a flush mounting bracket, a 30° angled bracket, or no bracket to enable direct mounting.

Standard Model





Shown with Flush mounting bracket

Dimensions in mm [inches[

Temperature Ratings									
	Ambient Temperature Range T5 Temperature Code	Ambient Temperature Range T6 Temperature Code							
22W	-40°C to +60°C (-40°F to +140°F)	-40°C to +50°C (-40°F to +122°F)							
34w	-40°C to +50°C (-40°F to +122°F)	-40°C to +40°C (-40°F to +104°F)							
Temperature Ratings with Recessed Housing									
22w	-40°C to +55°C (-40°F to +131°F)	-40°C to +45°C (-40°F to +113°F)							
34w	-40°C to +45°C (-40°F to +113°F)	-40°C to +35°C (-40°F to +95°F)							

Certifications & Ratings

- INMETRO Portaria 179:2010
- Certificate number: UL-BR 12.0232X
- Ex II 2G D Ex d IIB T5 Gb
- Ex tb IIIC T100°C Db IP66
- IDAA
- BoHS compliant

Mechanical Information:

Fixture weight:

22W: 4.70kg (10.30 lbs) 34W: 4.85kg (10.70 lbs)

Shipping weight:

22W: 9.67kg (15.30 lbs) 34W: 9.85kg (15.58 lbs)

Cabling: All cable entries are drilled and tapped

see ordering options.

Electrical Specifications:

Operating Voltage: 100-277V AC, 50/60 Hz or

24-48V DC

Total system power

consumption: See table

Operating Temp:

22W: -40°C to +60°C (-40°F to +140°F) 34W: -40°C to +50°C (-40°F to +122°F)

Harmonics: IEC 61000-3-2

Noise Requirements /

EMC: FCC Title 47, Subpart B, Section 15,

class B device. RF Immunity; 10V/m,

80MHz-1GHz

Transient protection: 1 kV line to line, 2 kV line to ground

THD: <20% **Power Factor:** > 0.9

Construction:

Housing: Copper free aluminum

Finish: Superior dual coat finish

- Sealed polyester topcoat

- Chemical-resistant epoxy primer

Lens: High impact resistant clear glass
High impact resistant frosted glass

Mounting Brackets: 316 stainless steel

Stanchion Brackets: Copper free LM6 cast aluminium

Photometric Information:

CRI: 75

CCT: 4000K (neutral white)

6000K (cool white)

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



Ordering Information and Mounting Accessories



WP-BRKT-SS-ADJ

- Adjustable Bracket
- Includes self-tapping screws



WP-STMB-LG00-22

 1 1/2" BSP threaded straight stanchion mounting bracket

WP-STMB-LG00 -24

• 1 1/2" NPT threaded straight stanchion mounting bracket



WP-STMB-LG85-22

 1 1/2" BSP threaded 85 degree stanchion mounting bracket

WP-STMB-LG85-24

 1 1/2" NPT threaded 85 degree stanchion mounting bracket

WP-STMB-LG85-50

• Non threaded bore 34mm diameter

WP-STMB-LG85-60

• Non threaded bore 38mm diameter



WP-BRKT-LG-PF

- · Pipe and flush bracket
- Includes self-tapping screws

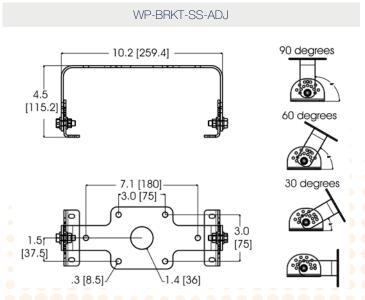


WP-STMB-LG25-22

 1 1/2" BSP threaded 25 degree stanchion mounting bracket

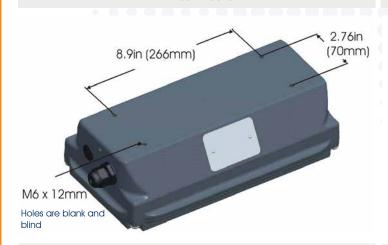
WP-STMB-LG25-24

• 1 1/2" NPT threaded 25 degree stanchion mounting bracket

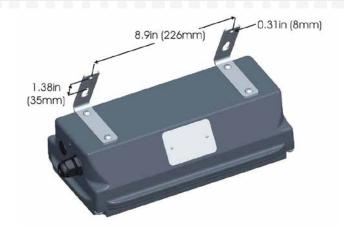


Mounting Diagrams

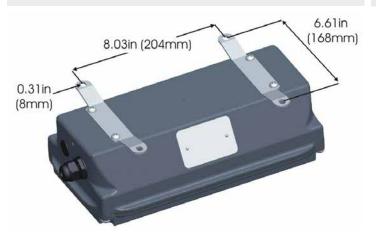
Without Bracket



30° Angle Bracket



Flush Bracket



WP-STMB-LG00-XX



Standard Option



Option "E"

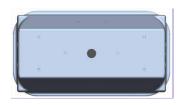


2 Entries One Side

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

Option "H"

Option "R"



Add $\underline{\mathbf{R}}$ to the end of the order code



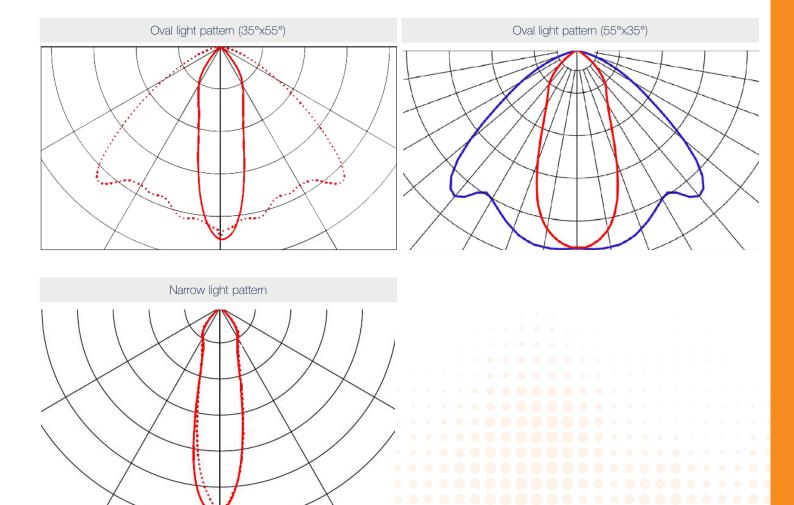
2 Entries One Side, 2 Entries Opposite Side and 1 Entry in the Rear Add H to the end of the order code

Ordering Information and Light Distribution Pattern

Part Number	Initial Fixture Lumens	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Light Distribution		
Standard Models - 100 - 277V AC										
WPA-2C3L-NLGC-BR	2,250	34	66	IP66	100 - 277V AC	6000K (cool white)	Clear Tempered glass	Narrow		
WPA-4C3L-NLGC-BR	2,250	34	66	IP66	100 - 277V AC	6000K (cool white)	Clear Tempered glass	Oval (35° X 55°)		
WPA-5C3L-NLGC-BR	2,150	34	63	IP66	100 - 277V AC	6000K (cool white)	Clear Tempered glass	Oval (55° X 35°)		
WPA-2C3H-NLGC-BR	1,200	22	55	IP66	100 - 277V AC	6000K (cool white)	Clear Tempered glass	Narrow		
WPA-4C3H-NLGC-BR	1,200	22	55	IP66	100 - 277V AC	6000K (cool white)	Clear Tempered glass	Oval (35° X 55°)		
WPA-5N3H-NLGC-BR	1,200	22	55	IP66	100 - 277V AC	6000K (cool white)	Clear Tempered glass	Oval (55° X 35°)		
Standard Models - 24 - 48V DC										
WPA-2C3L-NLGC-BR	2,250	34	66	IP66	24 - 48V DC	6000K (cool white)	Clear Tempered glass	Narrow		
WPA-4C3L-NLGC-BR	2,250	34	66	IP66	24 - 48V DC	6000K (cool white)	Clear Tempered glass	Oval (35° X 55°)		
WPA-5C3L-NLGC-BR	2,150	34	63	IP66	24 - 48V DC	6000K (cool white)	Clear Tempered glass	Oval (55° X 35°)		
WPA-2C3H-NLGC-BR	1,200	22	55	IP66	24 - 48V DC	6000K (cool white)	Clear Tempered glass	Narrow		
WPA-4C3H-NLGC-BR	1,200	22	55	IP66	24 - 48V DC	6000K (cool white)	Clear Tempered glass	Oval (35° X 55°)		
WPA-5N3H-NLGC-BR	1,200	22	55	IP66	24 - 48V DC	6000K (cool white)	Clear Tempered glass	Oval (55° X 35°)		

All values spice in the less of the was stated, but the first values are spice in the less how fixture without a bracket.

All the codes listed above (expect for amber models) are neutral white. For Cool white, change the "C" to "N" Ex: WPA-4C3L-NLGC becomes WPA-4N3L-NLGC.



North American HQ

1501 Route 34 South Farmingdale, NJ 07727

тег. 732-919-3119 Fax: 732-751-5778 info@dialight.com

EMEA Technical Centre

Ejby Industrivej 91 B

200 Glostrup

Tel: +45 8877 4545 (Denmark) Tel: +44 1638 666541 (UK)

Tel: +49 89 12089 5713 (Germany Tel: +33 3 23 22 62 58 (France)

sales-europe@dialight.com

Houston

16830 Barker Springs Rd Ste 407

Houston, 1X 77084
Tel: 732-919-3119
Faz: 281-492-1531
info@dialight.com

Middle East

Level 42
Emirates Towers (Office Tower)
Sheikh Zayed Road

Fax: +971 (0) 4319 7686 Tel: +971 (0) 4319 7686

Australia

38 O'Malley Street Osborne Park, WA 6017 Tel: +61 (0) 8 9244 7600 Fax: +61 (0) 8 9244 7601 info@dialight.com.au

Southeast Asia

33 Ubi Avenue 3 #07-72 Vertex (Tower A) Singapore 408868 Tel: +65 6578 7157 Fax: +65 6578 7150 enquiry@dialight.com.sq

Brazil

Alameda Mercurio, 225 – American Park Empresarial NF Indaiatuba – SP – 13347–662

Tel: +55 (19) 3113-4300 Fax: +55 (19) 3113-4300

brasil@dialiaht.com

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