Dialight

DuroSite® LED Bulkhead / Wallpack - CE / UL

for Indoor and Outdoor Industrial Applications

CE

On when it matters most.

Products and solutions that protect your business

Features & Benefits

- L70 rated for >100,000 hours @ 25°C
- 5 year warranty
- Instant on/off operation
- Superior colour rendition index compared to HPS, LPS, MV
- Mercury free, lead free
- Replaces up to 400 Watt HID light sources
- Resistant to shock and vibration
- Temperature compensation technology for longer life
- Colour options available

Application

The Dialight DuroSite® Bulkhead luminaire with its low profile rugged design ensures long life and high reliability for a wide variety of industrial applications. it is ideally suited for stairwells, platforms, exits, walkways, tunnels, subways and other industrial environments. Dialight offers flush, angle and adjustable mounting options for use with the DuroSite Bulkhead as well as a recessed option.

DuroSite® LED Bulkhead / Wallpack - CE / UL
Standard Model

Certifications & Ratings

- CE
  EN 55015:2006
  EN 61547:2009
  EN 60598:2008
- RoHS compliant

*ETL listed

- UL 1598/A*
- CSA C22.2 No. 250
- IP66/67

Dimensions in mm [inches]
Shown with Flush mounting bracket

Mechanical Information:

Fixture weight:

11W / 22W:	5 kg (11 lb)
34W:	5.7 kg (12.5 lb)

Cabling: All cable entries are drilled and tapped see ordering options.

Electrical Specifications:

Operating Voltage: 100-277 VAC, 50/60 Hz or 24-48 VDC (only available on 11/22W models)

Total system power consumption: See table

Operating Temp:

11W / 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

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

THD: <20%

Power Factor: > 0.9

Construction:

Housing: Copper-free aluminium

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

Lens[1]: High impact resistant clear glass
High impact resistant frosted glass

Mounting Brackets: 316 stainless steel

Stanchion Brackets: Copper-free LM6 cast aluminium
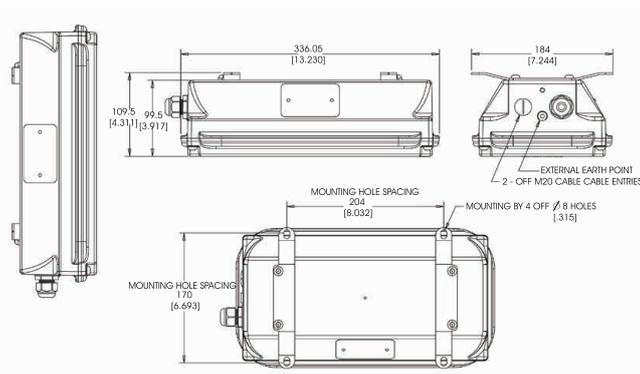
Photometric Information:

CRI: 75

CCT: 5650K (cool white)
4300K (neutral white)

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

[1]For information on chemical compatibility, please follow this link to reference Dialight's Chemical Compatibility Guide: www.dialight.com/pubs/MDTFCHEMRFLX001.PDF

DuroSite® LED Bulkhead / Wallpack - CE
Emergency Models

Certifications & Ratings

- CE
  EN 55015:2006
  EN 61547:2009
  EN 60598:2008
- RoHS compliant

- IP66/67

Dimensions in mm [inches]
Shown with Flush mounting bracket

Mechanical Information:

Fixture weight:	
13W / 24W:	5.7 kg (12.5 lb)
36W:	6.1 kg (13.5 lb)
Cabling:	All cable entries are drilled and tapped see ordering options.

Electrical Specifications:

Operating Voltage:	207-264 VAC, 50/60Hz
	90-132 VAC, 50/60Hz
	(90-132 VAC only available on 13/24W models)
Total system power consumption:	See table
Operating Temp:	
13W / 24W:	0°C to +50°C (32°F - 122°F)
36W:	0°C to +40°C (32°F - 104°F)
	-20°C options available
Harmonics:	IEC 61000-3-2
Transient protection:	1kV line-to-line, 2kV line-to-ground
THD:	<20%
Power Factor:	>0.9
Battery:	
13W / 24W:	3.6V 4Ah NiMH
36W:	3.6V 10Ah NiMH
Battery Life*:	4 years
Battery duration*:	3 hours minimum

Construction:

Housing:	Copper-free aluminium
Finish:	Superior dual coat finish
	- Sealed polyester topcoat
	- Chemical-resistant epoxy primer
Lens[1]:	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:	5650K (cool white)
	4300K (neutral white)

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

[1]For information on chemical compatibility, please follow this link to reference Dialight's Chemical Compatibility Guide:
www.dialight.com/pubs/MDTFCHEMRFLX001.PDF

* @ 25°C ambient
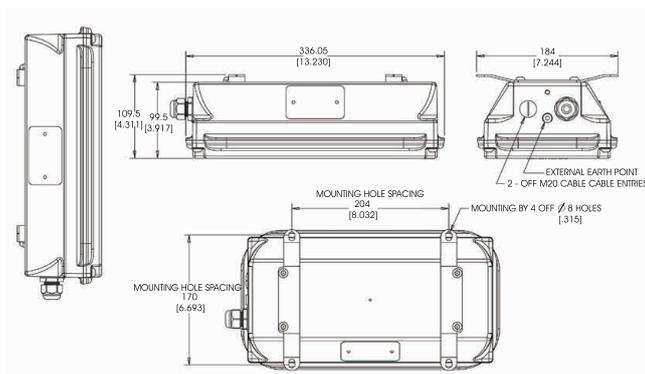
DuroSite

DuroSite® LED Bulkhead / Wallpack - CE / UL
Amber Model

Certifications & Ratings

- CE
  EN 55015:2006
  EN 61547:2009
  EN 60598:2008
- RoHS compliant

*ETL listed

- UL 1598/A*
- CSA C22.2 No. 250*
- IP66/67

Mechanical Information:

Fixture weight:
11W / 22W: 5.0 kg (11 lb)

Cabling: All cable entries are drilled and tapped
                               see ordering options.

Electrical Specifications:

Operating Voltage: 100-277 VAC, 50/60 Hz or
                               24-48 VDC

**Total system power
consumption:**   See table

Operating Temp:
11W / 22W: -40°C to +60°C (-40°F to +140°F)

Harmonics: IEC 61000-3-2

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

THD: <20%

Power Factor: > 0.9

Construction:

Housing: Copper-free aluminium

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

Lens[1]:   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: 30 (range 26-40)

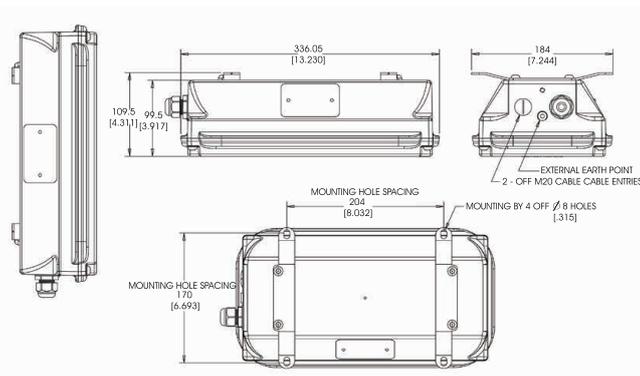**Wavelength (nm):**   590 (range 586-592)

CCT: Amber

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

[1]For information on chemical compatibility, please follow this link to
reference Dialight's Chemical Compatibility Guide:
www.dialight.com/pubs/MDTFCHEMRFLX001.PDF

Dimensions in mm [inches]
Shown with Flush mounting bracket

336.05 [13.230]
184 [7.244]
109.5 [4.311]
99.5 [3.917]
EXTERNAL EARTH POINT
2 - OFF M20 CABLE CABLE ENTRIES
MOUNTING HOLE SPACING 204 [8.032]
MOUNTING BY 4 OFF Ø 8 HOLES [.315]
MOUNTING HOLE SPACING 170 [6.693]

DuroSite® LED Bulkhead / Wallpack - CE / UL
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
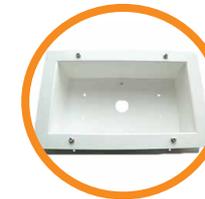
WP-RECESS-WH
- Recessed housing
- Bracket to fixture hardware

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
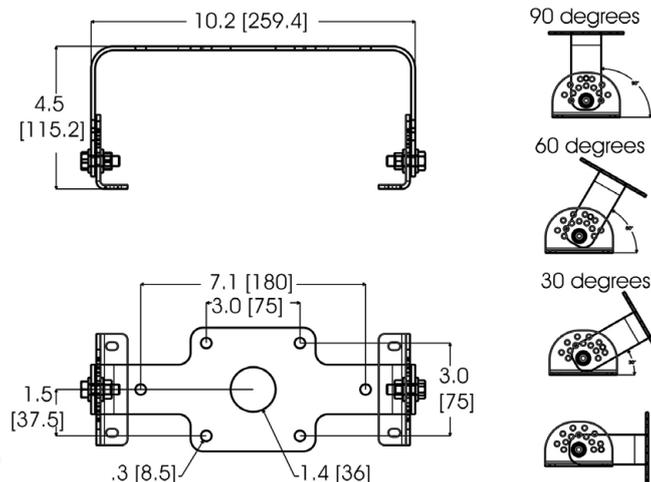
Also available:

WP-BRKT-F-KIT
- Flush mounting brackets
- Bracket to fixture hardware
- Includes (2) brackets in 304 stainless steel and stainless mounting hardware

WPX-000799-BATT
- 4Ah 3.6V battery module
- Replacement battery kit
- Battery Backup models only

WP-BRKT-SS-30
- 30° angle mounting brackets
- Bracket to fixture hardware
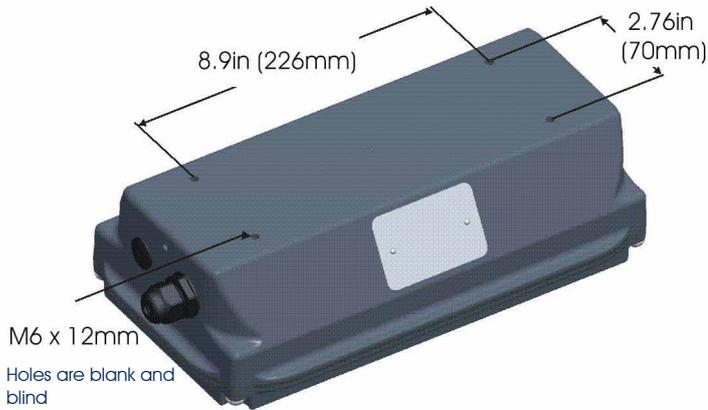- Includes (2) brackets in 304 stainless steel and stainless mounting hardware
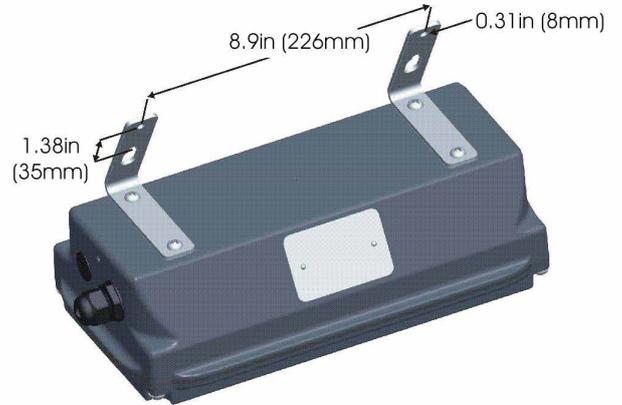
WP-BRKT-SS-ADJ

10.2 [259.4]
4.5 [115.2]
7.1 [180]
3.0 [75]
1.5 [37.5]
3.0 [75]
.3 [8.5]
1.4 [36]

90 degrees
60 degrees
30 degrees

DuroSite® LED Bulkhead / Wallpack - CE / UL
Mounting Diagrams

Without Bracket	30° Angle Bracket

8.9in (226mm)

2.76in (70mm)

M6 x 12mm

Holes are blank and blind

8.9in (226mm)

0.31in (8mm)

1.38in (35mm)

Flush Bracket	WP-STMB-LG00-XX

8.03in (204mm)

6.61in (168mm)

0.31in (8mm)
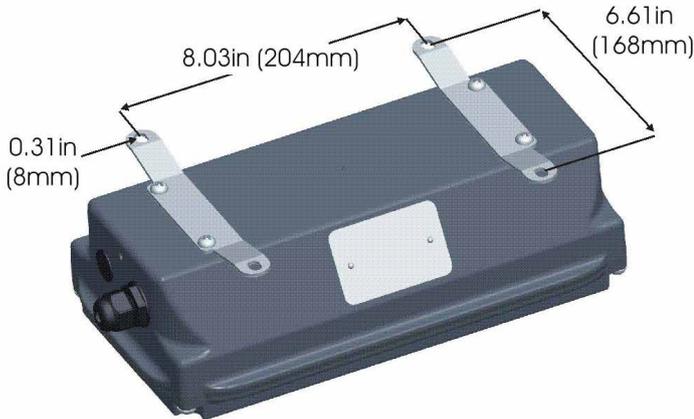
Standard Option	Option "E"

2 Entries One Side

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

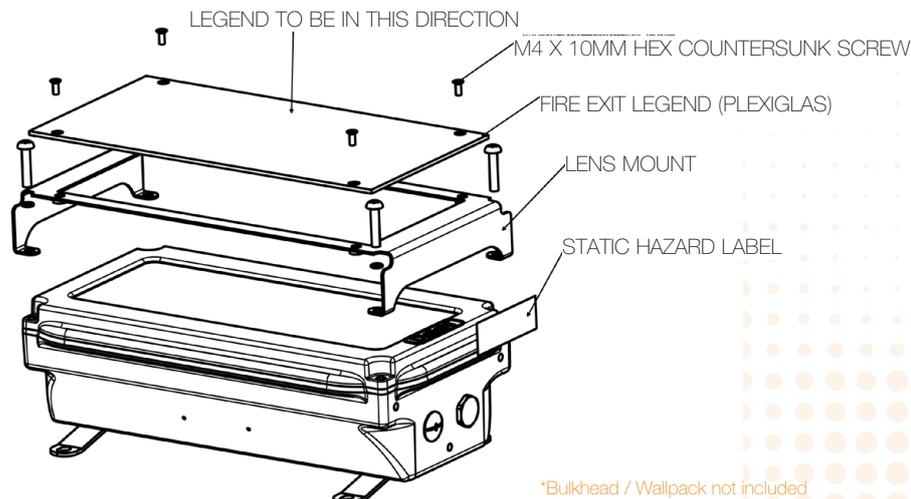| Option "R"	Option "H"
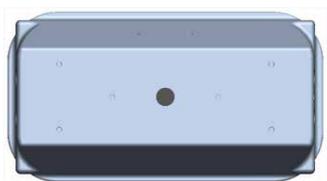
Add R to the end of the order code

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

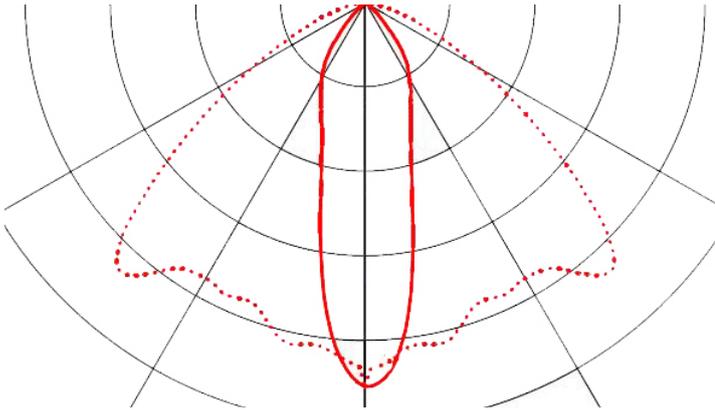# DuroSite® LED Bulkhead / Wallpack - CE / UL
Emergency Sign Options

|	Part Number	Description	Kit Includes
	WP-LM-FE-TUM	Fire exit, man, arrow up	Emergency sign Sign bracket Mounting hardware
	WP-LM-FE-TRM	Fire exit, man, arrow right	Emergency sign Sign bracket Mounting hardware
	WP-LM-FE-TLM	Fire exit, man, arrow left	Emergency sign Sign bracket Mounting hardware
	WP-LM-FE-TDM	Fire exit, man, arrow down	Emergency sign Sign bracket Mounting hardware
	WP-LM-FE-TRM-AU	Man, arrow right	Emergency sign Sign bracket Mounting hardware
	WP-LM-FE-TLM-AU	Man, arrow left	Emergency sign Sign bracket Mounting hardware
	WP-LM-FE-LM-AU	Man left	Emergency sign Sign bracket Mounting hardware
	WP-LM-FE-RM-AU	Man right	Emergency sign Sign bracket Mounting hardware

LEGEND TO BE IN THIS DIRECTION

M4 X 10MM HEX COUNTERSUNK SCREW

FIRE EXIT LEGEND (PLEXIGLAS)

LENS MOUNT

STATIC HAZARD LABEL

*Bulkhead / Wallpack not included

DuroSite® LED Bulkhead / Wallpack - CE / UL
Light Distribution Pattern

Oval (35°x55°)	Oval (55°x35°)
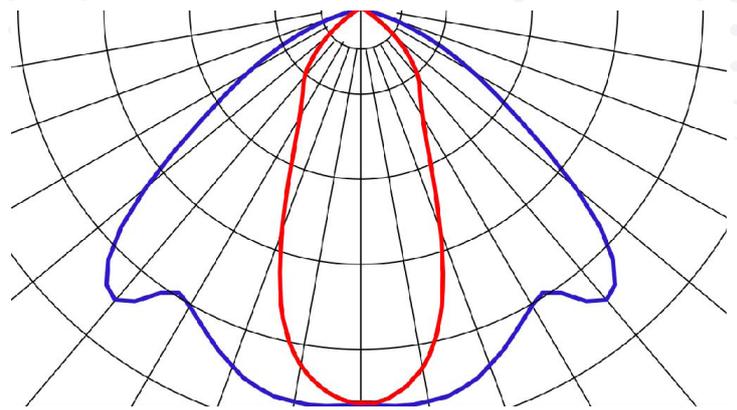
Narrow
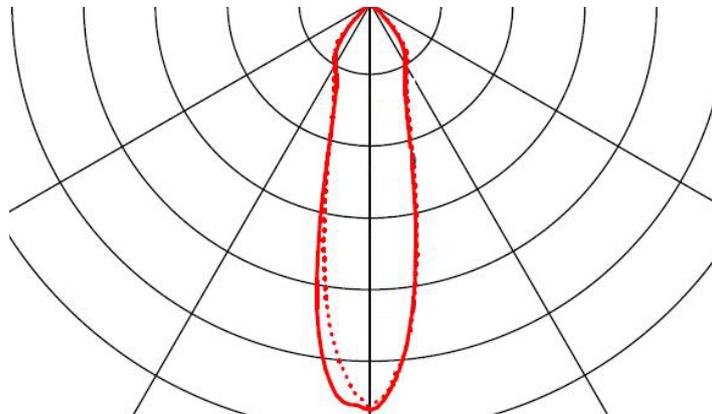
DuroSite

DuroSite® LED Bulkhead / Wallpack - CE / UL
Ordering Information

Part Number	Fixture Lumens	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Beam Distribution
Standard Models - 100-277 VAC								
WP-2C3L-NLGC	2,250	34	66	IP66	100-277 VAC	5650K (cool white)	Clear Tempered glass	Narrow
WP-4C3L-NLGC	2,250	34	66	IP66	100-277 VAC	5650K (cool white)	Clear Tempered glass	Oval (35° X 55°)
WP-5C3L-NLGC	2,150	34	63	IP66	100-277 VAC	5650K (cool white)	Clear Tempered glass	Oval (55° X 35°)
WP-2C3H-NLGC	1,200	22	55	IP66	100-277 VAC	5650K (cool white)	Clear Tempered glass	Narrow
WP-4C3H-NLGC	1,200	22	55	IP66	100-277 VAC	5650K (cool white)	Clear Tempered glass	Oval (35° X 55°)
WP-5C3H-NLGC	1,200	22	55	IP66	100-277 VAC	5650K (cool white)	Clear Tempered glass	Oval (55° X 35°)
WP-2C3C-NLGC	600	11	55	IP66	100-277 VAC	5650K (cool white)	Clear Tempered glass	Narrow
WP-4C3C-NLGC	600	11	55	IP66	100-277 VAC	5650K (cool white)	Clear Tempered glass	Oval (35° X 55°)
WP-5C3C-NLGC	600	11	55	IP66	100-277 VAC	5650K (cool white)	Clear Tempered glass	Oval (55° X 35°)
Standard Models - 24-48 VDC								
WP-2C2H-NLGC	1,200	22	55	IP66	24-48 VDC	5650K (cool white)	Clear Tempered glass	Narrow
WP-4C2H-NLGC	1,200	22	55	IP66	24-48 VDC	5650K (cool white)	Clear Tempered glass	Oval (35° X 55°)
WP-5C2H-NLGC	1,200	22	55	IP66	24-48 VDC	5650K (cool white)	Clear Tempered glass	Oval (55° X 35°)
WP-2C2C-NLGC	600	11	55	IP66	24-48 VDC	5650K (cool white)	Clear Tempered glass	Narrow
WP-4C2C-NLGC	600	11	55	IP66	24-48 VDC	5650K (cool white)	Clear Tempered glass	Oval (35° X 55°)
WP-5C2C-NLGC	600	11	55	IP66	24-48 VDC	5650K (cool white)	Clear Tempered glass	Oval (55° X 35°)
Emergency Models - 207-264 VAC								
WE-2C4L-NLGC	2,250	36	62	IP66	207-264 VAC	5650K (cool white)	Clear Tempered glass	Narrow
WE-4C4L-NLGC	2,250	36	62	IP66	207-264 VAC	5650K (cool white)	Clear Tempered glass	Oval (35° X 55°)
WE-5C4L-NLGC	2,150	36	60	IP66	207-264 VAC	5650K (cool white)	Clear Tempered glass	Oval (55° X 35°)
WE-2C4H-NLGC	1,200	24	55	IP66	207-264 VAC	5650K (cool white)	Clear Tempered glass	Narrow
WE-4C4H-NLGC	1,200	24	50	IP66	207-264 VAC	5650K (cool white)	Clear Tempered glass	Oval (35° X 55°)
WE-5C4H-NLGC	1,200	24	50	IP66	207-264 VAC	5650K (cool white)	Clear Tempered glass	Oval (55° X 35°)
WE-2C4C-NLGC	600	13	46	IP66	207-264 VAC	5650K (cool white)	Clear Tempered glass	Narrow
WE-4C4C-NLGC	600	13	46	IP66	207-264 VAC	5650K (cool white)	Clear Tempered glass	Oval (35° X 55°)
WE-5C4C-NLGC	600	13	46	IP66	207-264 VAC	5650K (cool white)	Clear Tempered glass	Oval (55° X 35°)
Emergency Models - 90-132 VAC								
WE-2C5H-NLGC	1,200	24	55	IP66	90-132 VAC	5650K (cool white)	Clear Tempered glass	Narrow
WE-4C5H-NLGC	1,200	24	50	IP66	90-132 VAC	5650K (cool white)	Clear Tempered glass	Oval (35° X 55°)
WE-5C5H-NLGC	1,200	24	50	IP66	90-132 VAC	5650K (cool white)	Clear Tempered glass	Oval (55° X 35°)
WE-2C5C-NLGC	600	13	46	IP66	90-132 VAC	5650K (cool white)	Clear Tempered glass	Narrow
WE-4C5C-NLGC	600	13	46	IP66	90-132 VAC	5650K (cool white)	Clear Tempered glass	Oval (35° X 55°)
WE-5C5C-NLGC	600	13	46	IP66	90-132 VAC	5650K (cool white)	Clear Tempered glass	Oval (55° X 35°)
Amber Models - 100-277 VAC								
WP-2A3H-NLGC		22		IP66	100-277 VAC	Amber	Clear Tempered glass	Narrow
WP-4A3H-NLGC		22		IP66	100-277 VAC	Amber	Clear Tempered glass	Oval (35° X 55°)
WP-5A3H-NLGC		22		IP66	100-277 VAC	Amber	Clear Tempered glass	Oval (55° X 35°)
WP-2A3C-NLGC		11		IP66	100-277 VAC	Amber	Clear Tempered glass	Narrow
WP-4A3C-NLGC		11		IP66	100-277 VAC	Amber	Clear Tempered glass	Oval (35° X 55°)
WP-5A3C-NLGC		11		IP66	100-277 VAC	Amber	Clear Tempered glass	Oval (55° X 35°)

All values typical unless otherwise stated, Lumen values are typical (tolerance +/- 10%).
Part number in table show fixture without a bracket.
All the codes listed above (expect for amber models) are cool white. For neutral white, change the first "**C**" to "**N**" Ex: WP-4**C**3L-NLGC becomes WP-4**N**3L-NLGC.
Angle bracket replace the last "**N**" with "**A**" WP-2C3L-**N**LGC becomes WP-2N3L-**A**LGC.
Flush bracket replace the last "**N**" with "**F**" WP-2C3L-**N**LGC becomes WP-2N3L-**F**LGC.
Frosted glass models replace the last "**C**" with "**F**" WP-2C3L-NLG**C** becomes WP-2C3L-NLG**F** (Frosted lens will reduce lumen output by 6%)
For the -20°C emergency option models add -20 to the ordering code WE-2C4H-NLGC becomes WE-2C4H-NLGC-**20**

North American HQ

1501 Route 34 South
Farmingdale, NJ 07727
Tel: 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, TX 77084
Tel: 732-919-3119
Faz: 281-492-1531
info@dialight.com

Middle East

Level 42
Emirates Towers (Office Tower)
Sheikh Zayed Road
Dubai, United Arab Emirates
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.sg

Brazil

Alameda Mercurio,
225 – American Park Empresarial NR
Indaiatuba – SP – 13347– 662
Tel: +55 (19) 3113-4300
Fax: +55 (19) 3113-4300
brasil@dialight.com