

CE

for Indoor and Outdoor Industrial Applications

On when it matters most.

Products and solutions that protect your business





Features & Benefits

- L70 rated for >150,000 hours @ 25°C ambient
- 5 year warranty
- Significant energy savings
- Easy retrofit solution for exisiting flourescent fittings due to same size and fixing centres
- Mercury free
- No UV or IR
- Resistant to water, salt, dust & vibration
- Temperature compensation technology for longer life

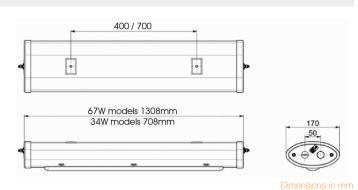
Application

The Dialight DuroSite® LED Linear luminaire with its low profile, rugged design ensures long life and high reliability for a wide variety of Industrial area applications. Offered in 34W and 67W versions to replicate the light output of typical 2 x 18W & 2 x 36W fluorescent luminaires respectively, Dialight offers a range of mounting options for use with the DuroSite® Linear luminaire.

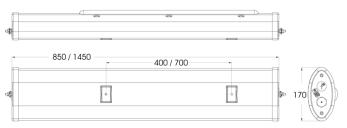
Standard Models



Standard Models



Emergency Models



Certifications & Ratings

• CE EN 55015:2006 EN 61547:2009

EN 60598:2008

IK09 to EN50102

C & D shock compliant to MOD specification BR8470

Mechanical Information:

Fixture weight:

Standard Model: 1308mm - 11.4kg (25.1lbs) 708mm - 6.5kg (15lbs) 1450mm - 14.2kg (31lbs) Emergency Model:

850mm - 8.8kg (20lbs)

Shipping weight:

Standard Model: 1308mm - 14.2kg (31.3lbs)

708mm - 9.1kg (20lbs) 1450mm - 17.2kg (38lbs) Emergency Model: 850mm - 11kg (20lbs)

Box dimensions: 1308mm - 240 x 160 x 1640 708mm - 240 x 160 x 1040

Mounting: (2) M8 fixing points

Cable Entry: 2 x M20 cable entries at both ends,

through wired as standard. Consult factory for other options

Electrical specifications:

Operating Voltage:

Standard Model: 100-277V AC, 50/60 Hz Emergency Model: 230-240V AC, 50/60 Hz

Total system power

consumption: See table

Operating Temp: -20°C to +60°C

Noise Requirements/

EMC: EN 61000-3-2: 2006

Transient protection: EN61000-4-5 1 kV line to line

2 kV line to ground

Power Factor: > 0.9

Emergency Models:

3.6V 10Ah NiMH Battery:

Expected Battery Life: 4 years

Battery Duration: >180 Minutes

Materials:

Housing and Fixings: 316 Marine grade stainless steel

High impact resistant polycarbonate

Mounting Brackets: 316L stainless steel

Safety Shackle: Optional factory fitted stainless steel safety shackle with 1 metre safety cord

Photometric Information:

CRI:

CCT: 5000K (cool white)

4000K (neutral white)

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

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

Mounting Options and Accessories



ELX-CMB-SS

stainless steel ceiling mount kit



ELX-PC-SS-42

ELX-PC-SS-47

ELX-PC-SS-54

ELX-PC-SS-59

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

• 47Ø - 51mm range 316

Marine Grade stainless steel pole clamp

• 54Ø - 57mm range 316

Marine Grade stainless steel pole clamp

• 59Ø - 62mm range 316

Marine Grade stainless steel pole clamp



mount kit

45° 316 Marine Grade

ELX-WMB-SS-45

ELX-WMB-SS-30

• 30° 316 Marine Grade

stainless steel wall

mount kit

ELX-WMB-SS-60

• 60° 316 Marine steel wall mount kit

ELX-WMB-SS-90

• 90° 316 Marine Grade stainless steel wall mount kit



ELX-EYE-SS

• 316 Marine Grade stainless steel eyelet kit

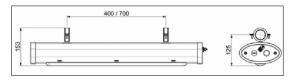


ELX-BATT-KIT

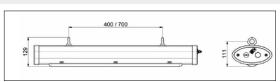
• 3.6V NiMH battery kit

Mounting Options and Accessory Dimensions (mm)

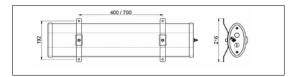




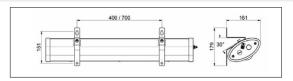
Eyelet



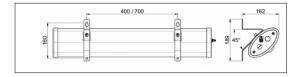
Ceiling Mount



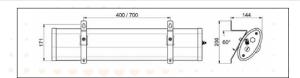
Wall Mount Bracket 30°



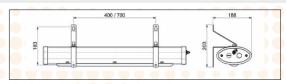
Wall Mount Bracket 45°



Wall Mount Bracket 60°

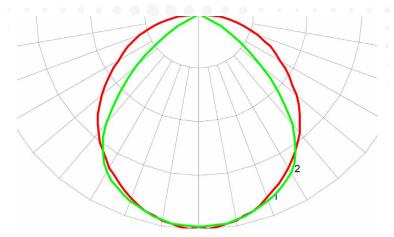


Wall Mount Bracket 90°



Light Distribution

Light Distribution Pattern



Ordering Information

Part Number	Initial Fixture Lumens	Emergency Mode Lumens	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Light Distribution
Standard Models									
EL-1C3R-SSCB	5,100		67	76	IP66/67	100-277V AC	5000K (cool white)	Polycarbonate	Circular
EL-1N3R-SSCB	5,100		67	76	IP66/67	100-277V AC	4000K (neutral white)	Polycarbonate	Circular
EL-1C3M-SSCB	2,600		34	76	IP66/67	100-277V AC	5000K (cool white)	Polycarbonate	Circular
EL-1N3M-SSCB	2,600		34	76	IP66/67	100-277V AC	4000K (neutral white)	Polycarbonate	Circular
Emergency Models									
ELE-2C4R-SSCB	5.100	271	70	73	IP66/67	230 / 240V AC	5000K (cool white)	Polycarbonate	Circular
ELE-2N4R-SSCB	5,100	271	70	73	IP66/67	230 / 240V AC	4000K (neutral white)	Polycarbonate	Circular
ELE-2C4M-SSCB	2,600	271	35	74	IP66/67	230 / 240V AC	5000K (cool white)	Polycarbonate	Circular
ELE-2N4M-SSCB	2,600	271	35	74	IP66/67	230 / 240V AC	4000K (neutral white)	Polycarbonate	Circular

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

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