DuroSite® LED Stainless Steel Linear

for Industrial Applications

Ratings and Certifications

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

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

Mechanical Information

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

Specifications

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

Emergency Models

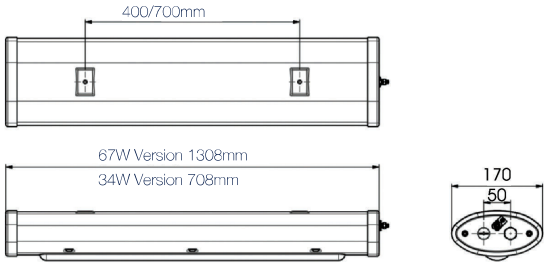
Battery:	3.6V 10Ah NiMH	**Duration:**	> 180 minutes
Expected life:	4 years		

Comparison

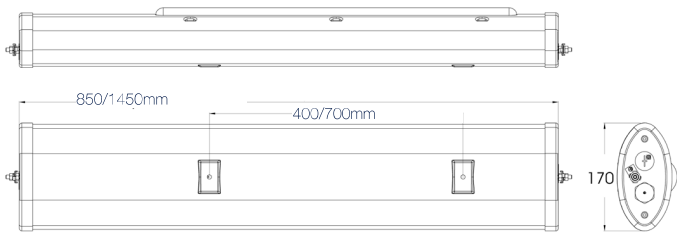
	Warranty	L-70
Dialight Linear	5yr	>100,000
Fluorescent	1	24,000

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

Standard Model Dimensions

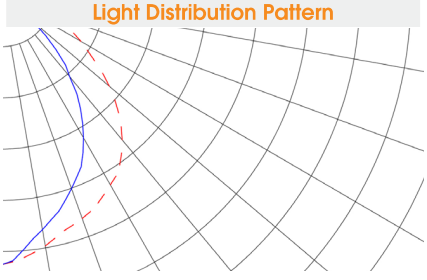


Emergency Model Dimensions



Dimension are in mm

Light Distribution Pattern



Circular Pattern

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

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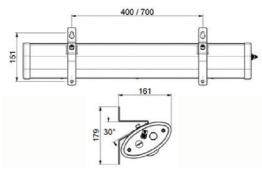
Ordering Information and Mounting Accessories

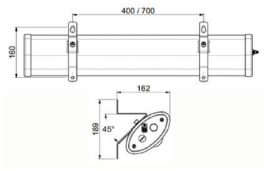
Part Number	Initial Fixture Lumens	Emergency Mode Lumens	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Light Distribution
EL-1C3R-SSCB	5,100		67	76	IP66/67	100-277V AC	5000K (cool white)	Polycarbonate	Circular
EL-1C3M-SSCB	2,600		34	76	IP66/67	100-277V AC	5000K (cool white)	Polycarbonate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

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

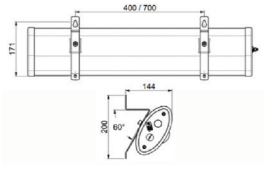
Mounting Options



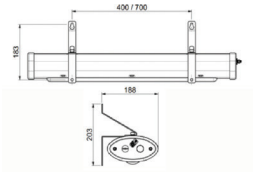
Wall Mount Bracket 30°



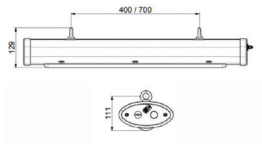
Wall Mount Bracket 45°



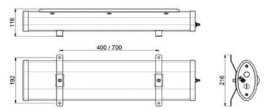
Wall Mount Bracket 60°



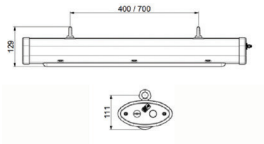
Wall Mount Bracket 90°



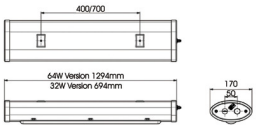
Pole Clamp



Ceiling Mount



Eyelet



Standard Dimensions

ELXCMBSS

- 316 Marine Grade stainless steel ceiling mount kit

ELXPCSS42

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

ELXPCSS47

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

ELXPCSS54

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

ELXPCSS59

- 59Ø - 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

ELXEYESS

- 316 Marine Grade stainless steel eyelet kit