

# .....Dialight



**DuroSite® LED Stainless Steel Linear - CE**

for Indoor and Outdoor Industrial Applications



# On when it matters most.

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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 existing fluorescent fittings due to same size and fixing centres
- Maintenance free
- Mercury free
- No UV or IR
- Resistant to water, salt, dust & vibration
- Temperature compensation technology for longer life

## Application

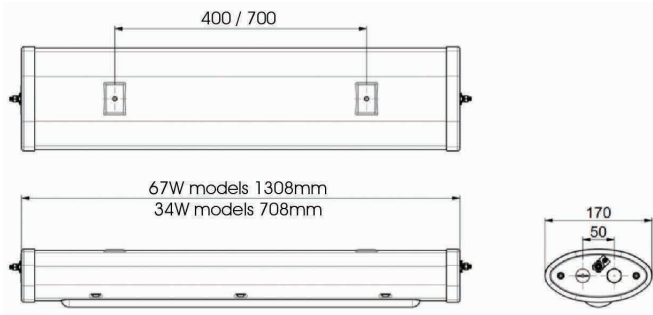
The Dialight DuroSite® LED Linear luminaire with its low profile, rugged design ensures long life and high reliability for a wide variety of Industrial area applications. Offered in 34W and 67W versions to replicate the light output of typical 2 x 18W & 2 x 36W fluorescent luminaires respectively, Dialight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

# DuroSite® LED Stainless Steel Linear - CE

## Standard Models

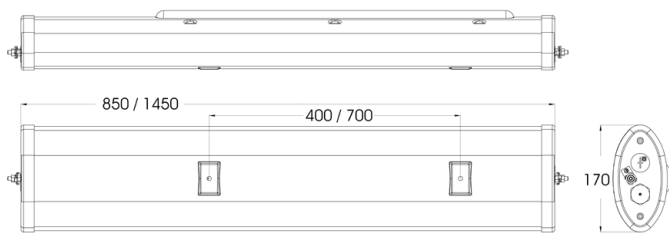


Standard Models



Dimensions in mm

Emergency Models



Dimensions in mm

### Certifications & Ratings

- CE  
EN 55015:2006  
EN 61547:2009  
EN 60598:2008
- IP66/67
- IK07 to EN 50102
- C & D shock compliant to MOD specification BR8470

### Mechanical Information:

<b>Fixture weight:</b>	
Standard Model:	1308mm - 11.3 kg (25 lb) 708mm - 6.8 kg (15 lb)
Emergency Model:	1450mm - 14.1 kg (31 lb) 850mm - 9.1 kg (20 lb)
<b>Shipping weight:</b>	
Standard Model:	1308mm - 14.1 kg (31 lb) 708mm - 9.1 kg (20 lb)
Emergency Model:	1450mm - 17.2 kg (38 lb) 850mm - 11.3 kg (25 lb)
<b>Box dimensions:</b>	1308mm - 240 x 160 x 1640 708mm - 240 x 160 x 1040
<b>Mounting:</b>	(2) M8 fixing points
<b>Cable Entry:</b>	2 x M20 cable entries at both ends, through wired as standard. Consult factory for other options

### Electrical specifications:

<b>Operating Voltage:</b>	
Standard Model:	100-277 VAC, 50/60Hz
Emergency Model:	230/240 VAC, 50/60Hz
<b>Total system power consumption:</b>	See table
<b>Operating Temp:</b>	-20°C to +60°C
<b>Noise Requirements/ EMC:</b>	EN 61000-3-2: 2006
<b>Transient protection:</b>	EN61000-4-5 1 kV line-to-line 2 kV line-to-ground

**Power Factor:** > 0.9

### Emergency Models:

<b>Battery:</b>	3.6V 10Ah NiMH
<b>Expected Battery Life*:</b>	4 years
<b>Battery Duration*:</b>	>180 Minutes

### Materials:

<b>Housing and Fixings:</b>	316 Marine grade stainless steel
<b>Lens<sup>1</sup>:</b>	High impact resistant polycarbonate
<b>Mounting Brackets:</b>	316L stainless steel
<b>Safety Shackle:</b>	Optional factory fitted stainless steel safety shackle with 1 metre safety cord

### Photometric Information:

<b>CRI:</b>	75
<b>CCT:</b>	5000K (cool white) 4000K (neutral white)

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

<sup>1</sup>For information on chemical compatibility, please follow this link to reference Dialight's Chemical Compatibility Guide: [www.dialight.com](http://www.dialight.com)

\*@ 25°C ambient



# DuroSite® LED Stainless Steel Linear - CE

## Mounting Options and Accessories



### ELX-CMB-SS

- 316 Marine Grade stainless steel ceiling mount kit



### ELX-PC-SS-42

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



### ELX-WMB-SS-30

- 30° 316 Marine Grade stainless steel wall mount kit



### ELX-EYE-SS

- 316 Marine Grade stainless steel eyelet kit

### ELX-PC-SS-47

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

### ELX-WMB-SS-45

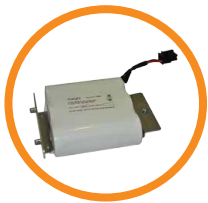
- 45° 316 Marine Grade stainless steel wall mount kit

### ELX-PC-SS-54

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

### ELX-WMB-SS-60

- 60° 316 Marine Grade stainless steel wall mount kit



### ELX-BATT-KIT

- 3.6V NiMH battery kit

### ELX-PC-SS-59

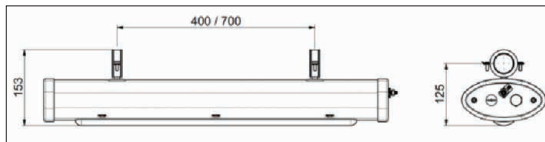
- 59Ø - 62mm range 316 Marine Grade stainless steel pole clamp

### ELX-WMB-SS-90

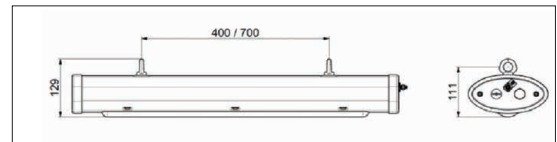
- 90° 316 Marine Grade stainless steel wall mount kit

## Mounting Options and Accessory Dimensions (mm)

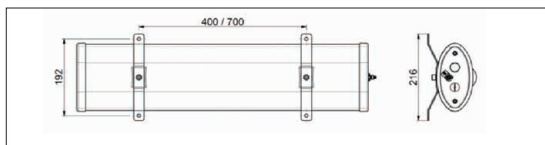
### Pole Clamp



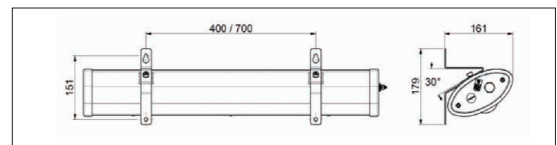
### Eyelet



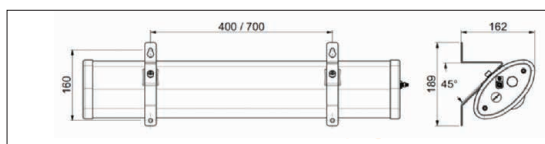
### Ceiling Mount



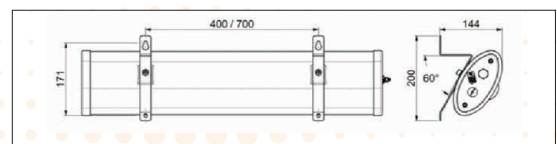
### Wall Mount Bracket 30°



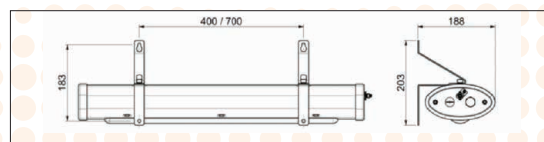
### Wall Mount Bracket 45°



### Wall Mount Bracket 60°



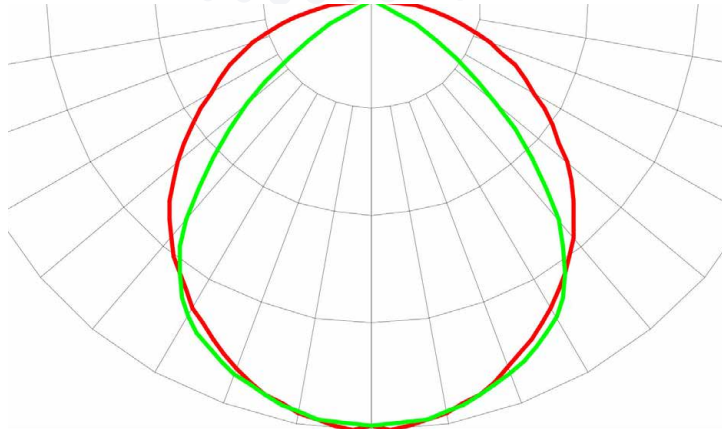
### Wall Mount Bracket 90°



# DuroSite® LED Stainless Steel Linear - CE

## Light Distribution

Light Distribution Pattern



# DuroSite® LED Stainless Steel Linear - CE

## Ordering Information

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

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

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