

# .....Dialight



**SafeSite<sup>®</sup> LED Stainless Steel Linear - ATEX / IECEx**  
for Indoor and Outdoor Industrial Applications





## Features & Benefits

- L70 rated for >150,000 hours @ 25°C ambient
- 10 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 shock and vibration
- Superior colour rendition index compared to HPS, LPS, MV
- Temperature compensation for longer life

## Application

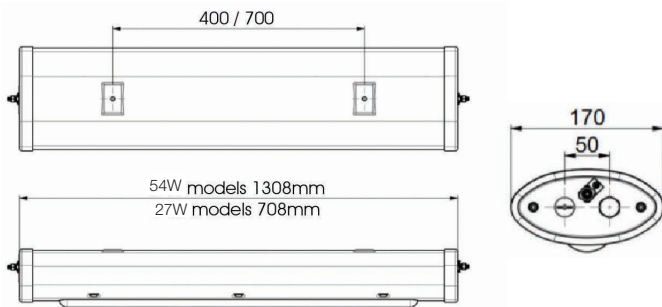
The Dialight SafeSite<sup>®</sup> LED Linear luminaire with its low profile, rugged design ensures long life and high reliability for a wide variety of Industrial area applications. Offered in 27W and 54W versions to replicate the light output of typical 2 x 18W & 2 x 36W fluorescent luminaires respectively, Dialight offers a range of mounting options for use with the SafeSite<sup>®</sup> Linear luminaire.

# SafeSite® LED Stainless Steel Linear - ATEX / IECEx

## Standard Models - Zone 2, 21 & 22




Standard Models



Dimensions in mm

### Certifications & Ratings

- Ex ec mc IIC T4 Gc
- Ex tb IIIc T135°C Db
-  II 3 G  
II 2 D
- ATEX/IECEx Zones 2, 21 & 22
  - IECEx SIR 19.0002X
  - Sira 19ATEX9002X
  - Sira 19ATEX3003X
  - EN 60079-0:2018
  - EN 60079-7:2015+A1:2018
  - EN 60079-18:2015+A1:2018
  - EN 60079-31:2014
- CE
- EN 55015:2013
- EN 61547:2009
- EN 60598-1:2015
- IP66/67
- IK07 to EN 62262

### Mechanical Information:

<b>Fixture weight:</b>	1308mm - 11.3 kg (25 lb) 708mm - 6.8 kg (15 lb)
<b>Shipping weight:</b>	1308mm - 14.1 kg (31 lb) 708mm - 9.1 kg (20 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 entries at each end

### Electrical specifications:

<b>Operating Voltage:</b>	100-277 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 55015:2013 EN 61547:2009 EN 61000-3-2:2014-05
<b>Transient protection:</b>	EN 61000-4-5:2014 6 kV line-to-line 6 kV line-to-ground
<b>Power Factor:</b>	> 0.9

### Materials:

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

### Photometric Information:

<b>CRI:</b>	80
<b>CCT:</b>	5000K (cool white) 4000K (neutral white) 2700K (warm white)

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

**WARNING - INSTALLATION & SECONDARY RETENTION.** Use of any Dialight products without proper installation (including secondary retention / netting) and periodic inspections could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end-user to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is safely installed (with secondary retention / netting where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under applicable laws, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products.

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## 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-PC-SS-59

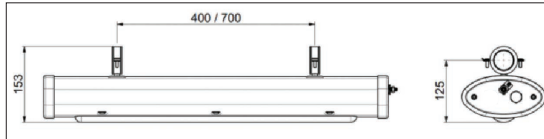
- 59Ø - 62mm range 316 Marine Grade stainless steel pole clamp

### ELX-WMB-SS-90

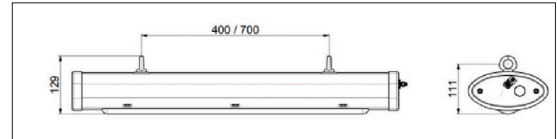
- 90° 316 Marine Grade stainless steel wall mount kit

## Mounting Options and Accessory Dimensions (mm)

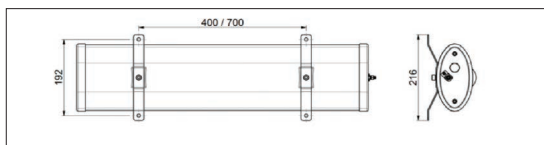
### Pole Clamp



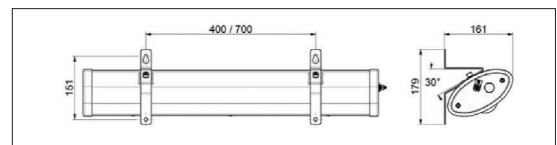
### Eyelet



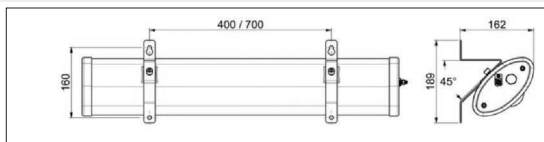
### Ceiling Mount



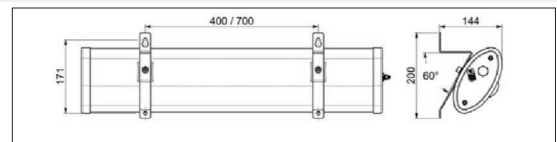
### Wall Mount Bracket 30°



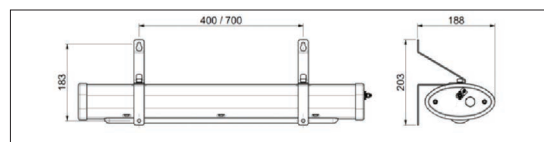
### Wall Mount Bracket 45°



### Wall Mount Bracket 60°



### Wall Mount Bracket 90°



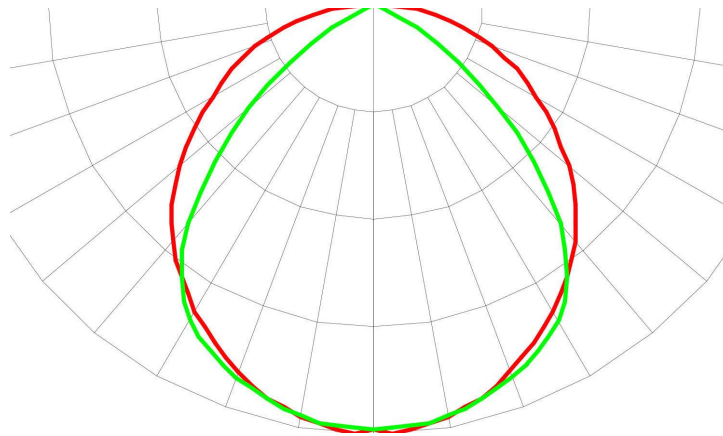
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# SafeSite® LED Stainless Steel Linear - ATEX / IECEx

## Ordering Information

Part Number	Fixture Lumens	Wattage	lm/W	IP Rating	Voltage	Color Temperature (CCT)	Lens	Beam Distribution
Standard Models								
SBB5MC26NCN1NN	5,400	54	100	IP66/67	100-277 VAC	5000K (cool white)	Polycarbonate	Medium
SAB5MC23NCN1NN	2,700	27	100	IP66/67	100-277 VAC	5000K (cool white)	Polycarbonate	Medium

Beam Distribution



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