

.....Dialight



SafeSite® 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

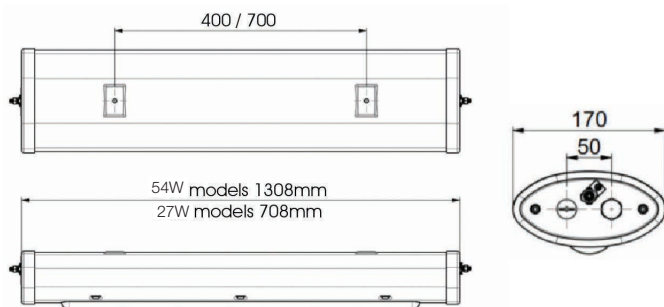
The Dialight SafeSite® LED Linear luminaire with its low profile, rugged design ensures long life and high reliability for a wide variety of Industrial area applications. Offered in 27W and 54W versions to replicate the light output of typical 2 x 18W & 2 x 36W fluorescent luminaires respectively, Dialight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

Fixture weight:	1308mm - 11.3 kg (25 lb) 708mm - 6.8 kg (15 lb)
Shipping weight:	1308mm - 14.1 kg (31 lb) 708mm - 9.1 kg (20 lb)
Box dimensions:	1308mm - 240 x 160 x 1640 708mm - 240 x 160 x 1040
Mounting:	(2) M8 fixing points
Cable Entry:	2 x M20 entries at each end

Electrical specifications:

Operating Voltage:	100-277 VAC, 50/60Hz
Total system power consumption:	See table
Operating Temp:	-20°C to +60°C
Noise Requirements/ EMC:	EN 55015:2013 EN 61547:2009 EN 61000-3-2:2014-05
Transient protection:	EN 61000-4-5:2014 6 kV line-to-line 6 kV line-to-ground
Power Factor:	> 0.9

Materials:

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

Photometric Information:

CRI:	80
CCT:	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

- 400 - 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

- 470 - 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

- 540 - 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

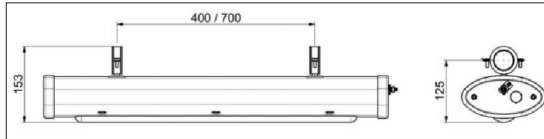
- 590 - 62mm range 316 Marine Grade stainless steel pole clamp

ELX-WMB-SS-90

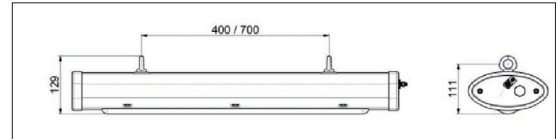
- 90° 316 Marine Grade stainless steel wall mount kit

Mounting Options and Accessory Dimensions (mm)

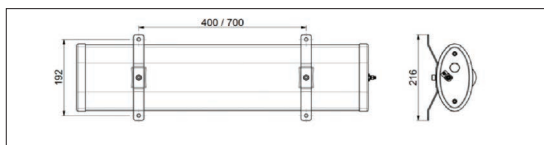
Pole Clamp



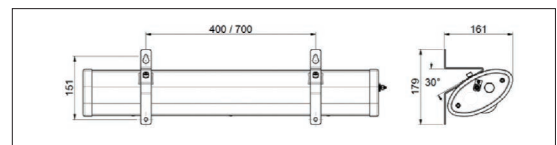
Eyelet



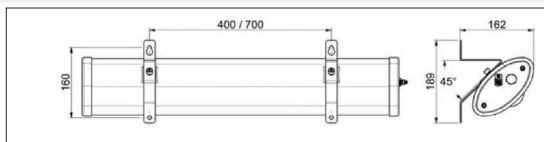
Ceiling Mount



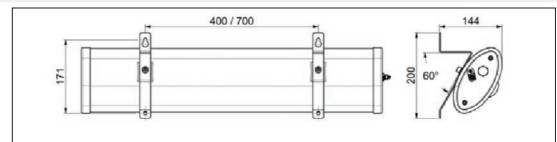
Wall Mount Bracket 30°



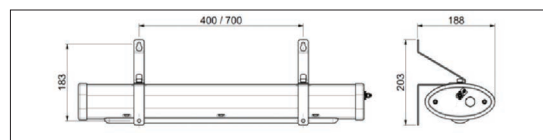
Wall Mount Bracket 45°



Wall Mount Bracket 60°



Wall Mount Bracket 90°



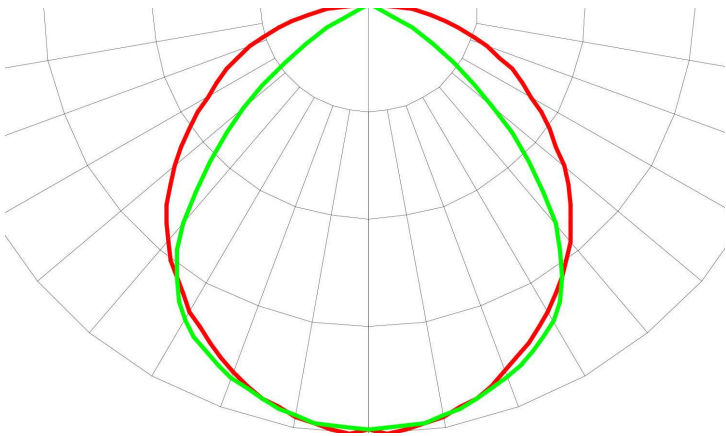
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Ordering Information

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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WARNING / DISCLAIMERS:

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