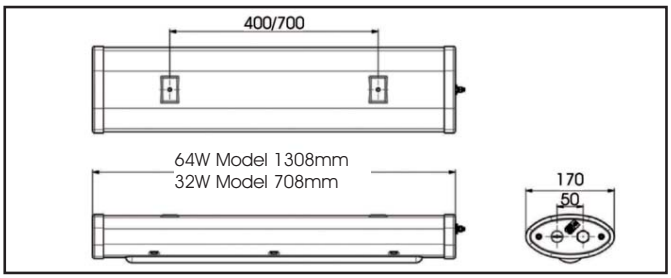
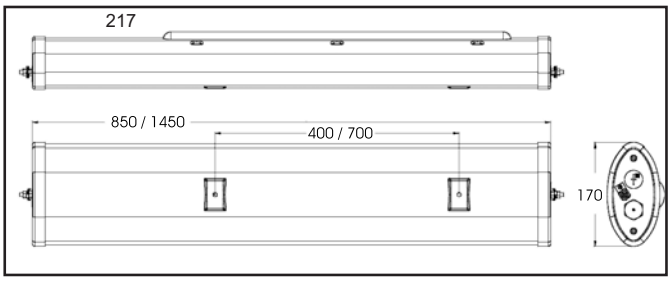
Dialight

DuroSite® Stainless Steel LED Linear Luminaire - CE



Emergency



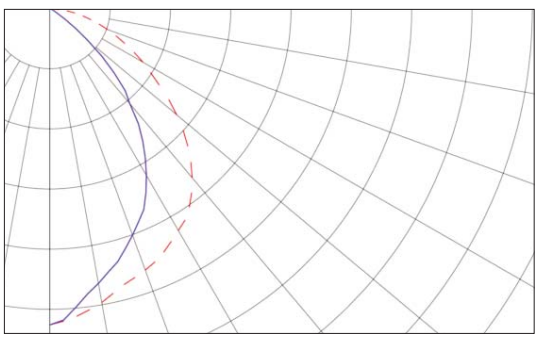
Certifications

- CE
  - EN55015:2006
  - EN61547:2009
  - EN60598:2008
- IP 66/67
- IK09 to EN 50102
- C & D shock compliant to MOD specification BR8470
- RoHS compliant

Features & Benefits

- L70 rated for >100,000 hours @ 25°C ambient
- 5 year full performance warranty (Battery not included)
- Instant on/off operation
- Universal input (100-277V AC, 50/60Hz), (Emergency 230-240V AC)
- Superior colour rendition index compared to HPS, LPS, MV
- Mercury free
- Resistant to shock and vibration
- Easy retrofit solution for existing fluorescent fittings due to same size and fixing centres
- Factory safety shackle option available

Photometric Information



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 applications. Offered in 32W and 64W 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.

Mechanical Information	
Fixture Weight:	
Standard Model:	1308mm - 11.4 kg (25.1lbs) 708mm - 6.5 kg (15 lbs)
Emergency Model:	1450mm - 14,2 kg (31 lbs) 850mm - 8,8 kg (20 lbs)
Shipping Weight:	
Standard Model:	1308mm - 14.2 kg (31.3lbs) 708mm - 9.1 kg (20 lbs)
Emergency Model:	1450mm - 17.2 kg (38 lbs) 850mm - 11 kg (25 lbs)
Shipping 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 50/60Hz
Emergency Model:	230-240V AC 50/60Hz
Power Consumption:	See ordering information
Operating Temp:	-20°C to +60°C (-4°F to +140°F)
Noise Requirements/ EMC:	EN 61000-3-2: 2006
THD:	<15% @ 120V AC <20% @ 230V AC
Surge Protection:	EN-61000-4-5 1 kV line to line 2 kV line to ground
Power Factor:	> 0.9
Emergency Models	
Battery:	3.6V 10Ah NiMH
Expected Battery Life:	4 years
Battery duration:	>180 Minutes
Materials	
Housing and Fixings:	316 Marine grade stainless steel
Lens:	High Impact resistant polycarbonate
Mounting Brackets:	316L Stainless steel
Safety Shackle:	Optional factory fitted stainless steel safety shackle with 1.5 metre safety cord
Photometric Information	
CCT:	5,650K (cool white)
CRI:	70 (cool white)
IES Files:	Consult factory

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

CE

DuroSite® Stainless Steel LED Linear Luminaire

Ordering Information

Part Number	Voltage	Colour	Entry Options	Lumens	Emergency mode Lumens	Watts	Lumens Per Watt
EL-1C3R-SSCB	100 - 277V AC	5000K (cool white)	2 at each end	5,100		64	86
EL-1C3M-SSCB	100 - 277V AC	5000K (cool white)	2 at each end	2,600		32	86
Emergency Models							
ELE-2C4R-SSCB	230 / 240V AC	5000K (cool white)	2 at each end	5,100	271	70	73
ELE-2N4R-SSCB	230 / 240V AC	4000K (Neutral white)	2 at each end	5,100	271	70	73
ELE-2C4M-SSCB	230 / 240V AC	5000K (cool white)	2 at each end	2,600	271	35	74
ELE-2N4M-SSCB	230 / 240V AC	4000K (Neutral white)	2 at each end	2,600	271	35	74

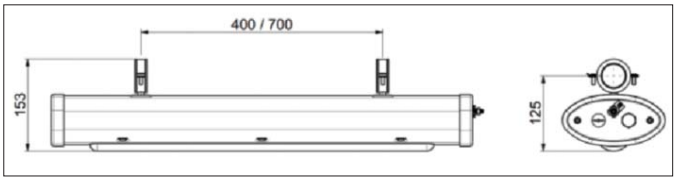
Lm/W are under constant review and improvement, please consult technical department for latest achievable values
For factory fitted safety shackle option, add 1 as a suffix to the part code. E.g EL-1C3R-SSCB-1

Mounting Options & Accessories

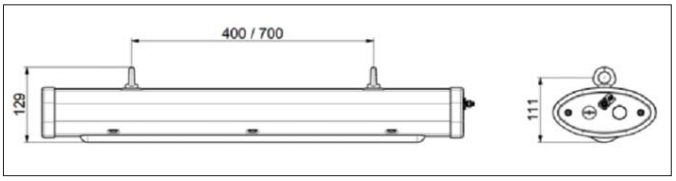
	Part Number	Description	Kit Includes
	ELX-PC-SS-42	Ø40 - 45mm Range Marine Grade Stainless Steel Pole Clamp	2 x Pole clamp bracket Mounting hardware
	ELX-PC-SS-47	Ø47 - 51mm Range Marine Grade Stainless Steel Pole Clamp	
	ELX-PC-SS-54	Ø54 - 57mm Range Marine Grade Stainless Steel Pole Clamp	
	ELX-PC-SS-59	Ø59 - 62mm Range Marine Grade Stainless Steel Pole Clamp	
	ELX-EYE	Marine Grade Stainless Steel Eyelet kit	2 x M8 Eyelets Mounting Hardware
	ELX-CMB	Marine Grade Stainless Steel Ceiling Mount Kit	Bracket Mounting hardware
	ELX-WMB-SS-30	30° Marine Grade Stainless Steel Wall Mount Kit	Bracket Mounting hardware
	ELX-WMB-SS-45	45° Marine Grade Stainless Steel Wall Mount Kit	
	ELX-WMB-SS-60	60° Marine Grade Stainless Steel Wall Mount Kit	
	ELX-WMB-SS-90	90° Marine Grade Stainless Steel Wall Mount Kit	

Mounting Options & Accessory Dimensions

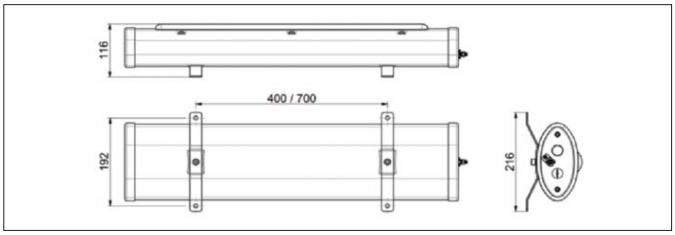
Pole Clamp



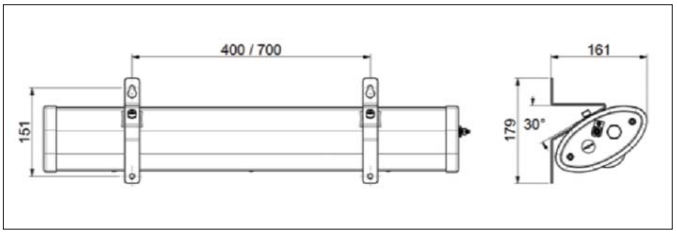
Eyelet



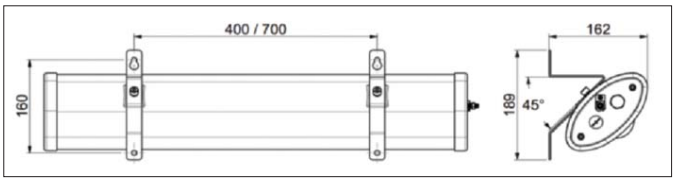
Ceiling Mount



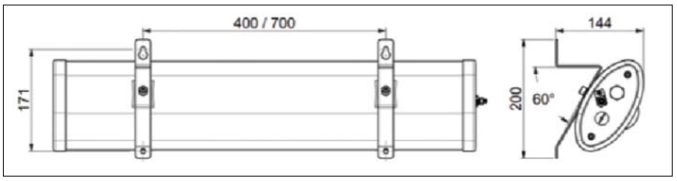
Wall Mount Bracket 30°



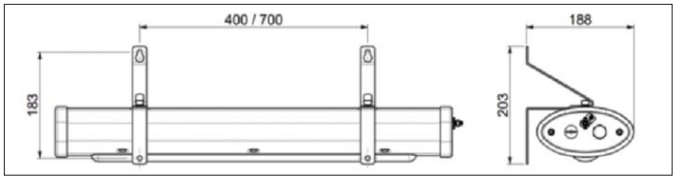
Wall Mount Bracket 45°



Wall Mount Bracket 60°



Wall Mount Bracket 90°



Dialight reserves the right to make changes at any time in order to supply the best product possible. The most current version of this document will always be available at: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDTFSFSHZLDSEUX001.pdf. Warranty Statement: EXCEPT FOR THE WARRANTY EXPRESSLY PROVIDED FOR [HEREIN/ABOVE/BELOW], DIALIGHT DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, AND NONINFRINGEMENT.