

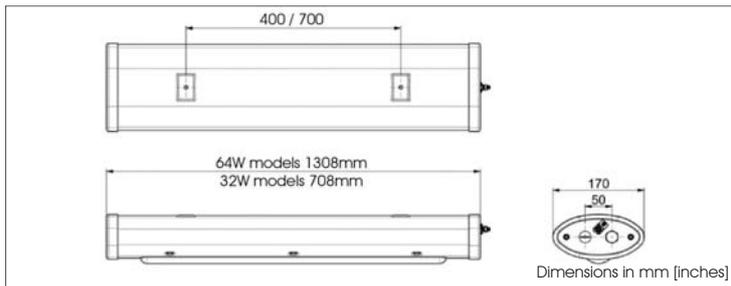
Dialight



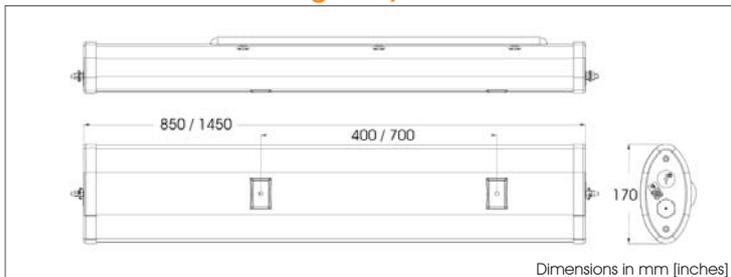
Patent pending

SafeSite® Stainless Steel LED Linear Luminaire - ATEX / IECEx

Standard model



Emergency model



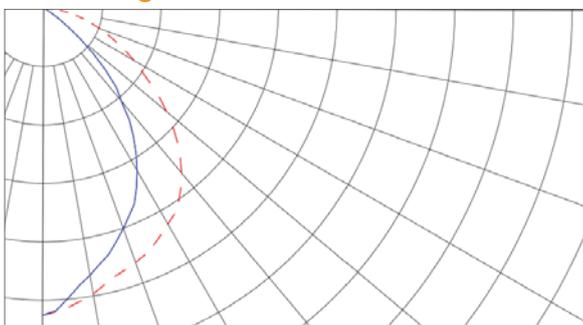
Certifications & Ratings

- Ex II 2GD e mb IIC T4 Gb (Ta = -20°C to +60°C)
- Ex tb IIIC T135°C Db (Ta = -20°C to +60°C)
- Certificate numbers: IECEx SIR12.0093
SIRA12ATEX3217
- ATEX Zones 1, 21
- ATEX Zones 2, 22
- CE - EN55015:2006 / EN61547:2009 / EN60598:2008
- ABS Design Assessed: #13-HS1043210B
- IP66 / 67
- IK09 to EN 50102
- C & D shock comp

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 (110-250V AC, 50/60Hz), (Emergency 230-240V AC, 50/60Hz)
- 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

Light Distribution Pattern



Application:

The Dialight SafeSite® LED Linear luminaire with its low profile, rugged design ensures long life and high reliability for a wide variety of hazardous area applications. Offered in 32W and 64W versions to replicate the light output of typical 2 x 18W & 2 x 36W fluorescent luminaires respectively, it is ideally suited for oil & gas, chemical, petro-chemical and other potentially explosive industrial environments. Dialight offers a range of mounting options for use with the SafeSite 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:	110-250V AC 50/60Hz
Emergency Model:	230-240V AC 50/60Hz
Power Consumption:	See ordering information
Operating Temp:	-20°C to +60°C
Noise Requirements/ EMC:	EN 61000-3-2: 2006
Power Factor:	> 0.9
THD:	<20%
Surge Protection:	EN-61000-4-5 1 kV line to line, 2 kV line to ground

Emergency Model

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

Photometric Information

CCT:	5000K (cool white) 4000K (Neutral white)
CRI:	70 (cool white)
IES Files:	available on www.dialight.com

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

SafeSite® Stainless Steel LED Linear Luminaire - ATEX / IECEx

Ordering Information

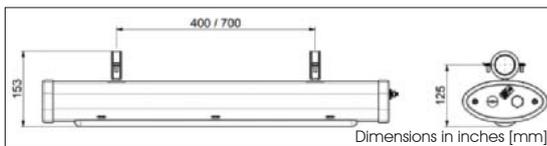
Part number	Entry Options	Colour / CCT	Voltage	Fixture Lumens	Emergency Mode Lumens	Wattage	Lumens per Watt
Standard Models							
ELA-1C3R-SSCB	2 at each end	5000K (cool white)	110 - 250V AC	5,100		64	81
ELA-1N3R-SSCB	2 at each end	4000K (neutral white)	110 - 250V AC	5,100		64	81
ELA-1C3M-SSCB	2 at each end	5000K (cool white)	110 - 250V AC	2,600		32	81
ELA-1N3M-SSCB	2 at each end	4000K (neutral white)	110 - 250V AC	2,600		32	81
Emergency Models							
ELEA-2C4R-SSCB	2 at each end	5000K (cool white)	230 / 240V AC	5,100	271	64	81
ELEA-2N4R-SSCB	2 at each end	4000K (neutral white)	230 / 240V AC	5,100	271	64	81
ELEA-2C4M-SSCB	2 at each end	5000K (cool white)	230 / 240V AC	2,600	271	32	81
ELEA-2N4M-SSCB	2 at each end	4000K (neutral white)	230 / 240V AC	2,600	271	32	81

Lm/W are under constant review and improvement, please consult technical department for latest achievable values
For M25 threaded entries, add "4" as a suffix to the part code with no dash. E.g ELA-1C3R-SSCB4

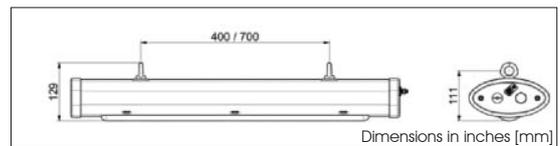
Mounting Options

	Part Number	Description	KIT includes
	ELX-PC-SS-42	Φ 40 - 45mm range 316 marine grade stainless steel pole clamp	2 x Pole clamp bracket mounting hardware
	ELX-PC-SS-47	Φ 47 - 51mm range 316 marine grade stainless steel pole clamp	
	ELX-PC-SS-54	Φ 54 - 57mm range 316 marine grade stainless steel pole clamp	
	ELX-PC-SS-59	Φ 59 - 62mm range 316 marine grade stainless steel pole clamp	
	ELX-EYE	316 marine grade stainless steel eyelet kit	2 x M8 eyelets mounting hardware
	ELX-CMB	316 marine grade stainless steel ceiling mount kit	Bracket mounting hardware
	ELX-WMB-SS-30	30° 316 marine grade stainless steel wall mount kit	Bracket mounting hardware
	ELX-WMB-SS-45	45° 316 marine grade stainless steel wall mount kit	
	ELX-WMB-SS-60	60° 316 marine grade stainless steel wall mount kit	
	ELX-WMB-SS-90	90° 316 marine grade stainless steel wall mount kit	

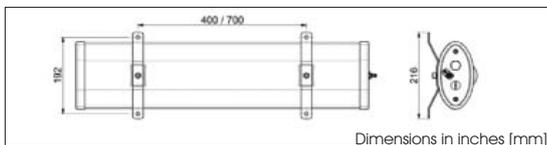
Pole Clamp



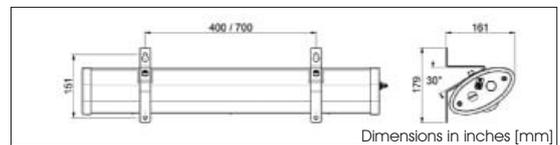
Eyelet



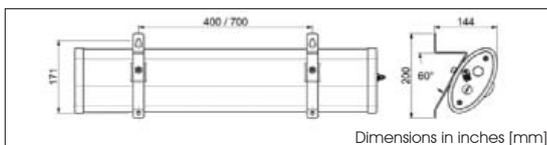
Ceiling Mount



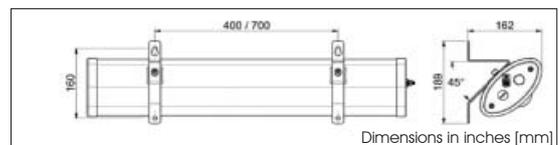
Wall Mount Bracket 30°



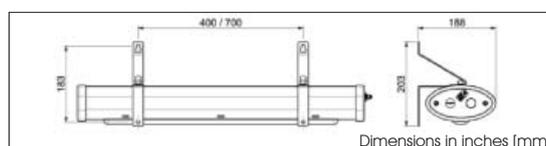
Wall Mount Bracket 60°



Wall Mount Bracket 45°



Wall Mount Bracket 90°



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