

Patent Pending

Certifications & Ratings

- Ex II 2GD Ex e mb IIC T4 (Ta = -20°C to +60°C)
- Ex tb IIIC T135°C Db (Ta = -20°C to +60°C)
- Certification numbers : SIRA 12ATEX3217X
IECEx SIR 12.0093X
- ATEX Zones 1, 21
- ATEX Zones 2, 22
- CE
- ABS Design Assessed: #13-HS1043210B
- IP66/67
- IK07 to EN 50102
- C & D shock comp

Features & Benefits

- Self-contained batteries for emergency mode
- 3 hour operating time @ -20°C
- Dominant wavelength = 536.7 nm
- 5 year warranty (battery not included)
- Instant on/off operation
- 230/240 VAC, 50/60Hz
- Mercury free
- Resistant to shock and vibration
- Easy retrofit solution for existing fluorescent fittings due to same size and fixing centres
- Constant green light output - no self-adhesive films to fade

Mechanical Information:

Fixture weight:	1450mm models - 14.1 kg (31 lb) 850mm models - 9.1 kg (20 lb)
Shipping weight:	1450mm models - 17.2 kg (38 lb) 850mm models - 11.3 kg (25 lb)
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:	230/240 VAC, 50/60Hz
Total system power consumption:	See ordering information
Operating temp:	-20°C to +60°C
Noise requirements/ EMC:	EN 61000-3-2 EN 61000-3-3 EN 61547
THD:	<20%
Power factor:	> 0.9
Surge protection:	EN-61000-4-5 1kV line-to-line, 2kV line-to-ground
Battery:	3.6V 10Ah NiMH
Expected battery life*:	4 years
Battery duration*:	>180 minutes @ -20°C

Construction:

Housing:	316L Marine grade stainless steel
Lens:	High impact resistant polycarbonate
Mounting brackets:	316L Marine grade stainless steel

Photometric Information:

Dominant Wavelength:	536.7 nm
CIE x, y colour co-ords:	x = 0.187, y = 0.704

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

*@ 25°C ambient

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ELXCMBSS

- 316 Marine Grade stainless steel ceiling mount kit



ELXPCSS42

- 400 - 45mm range 316 Marine Grade stainless steel pole clamp



ELXWMBSS30

- 30° 316 Marine Grade stainless steel wall mount kit



ELXEYESS

- 316 Marine Grade stainless steel eyelet kit

ELXPCSS47

- 470 - 51mm range 316 Marine Grade stainless steel pole clamp

ELXWMBSS45

- 45° 316 Marine Grade stainless steel wall mount kit

ELXPCSS54

- 540 - 57mm range 316 Marine Grade stainless steel pole clamp

ELXWMBSS60

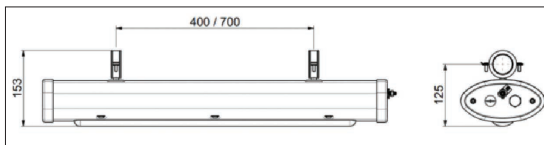
- 60° 316 Marine Grade stainless steel wall mount kit

ELXPCSS59

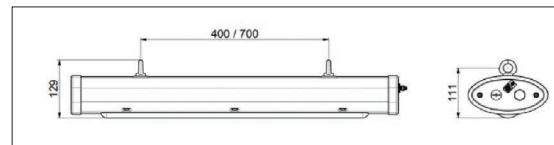
- 590 - 62mm range 316 Marine Grade stainless steel pole clamp

Mounting Options and Accessory Dimensions

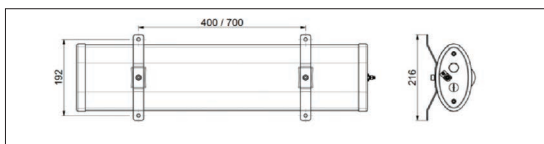
Pole Clamp



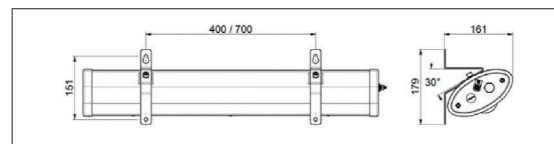
Eyelet



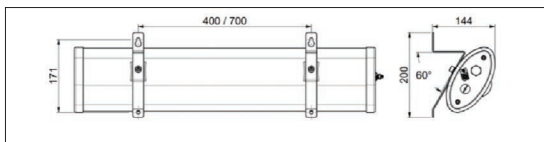
Ceiling Mount



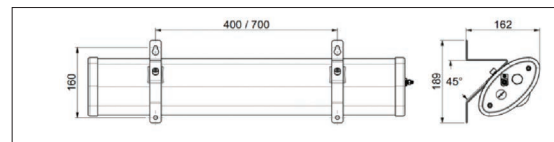
Wall Mount Bracket 30°



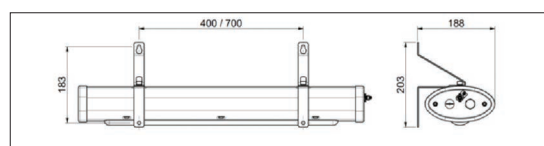
Wall Mount Bracket 45°



Wall Mount Bracket 60°

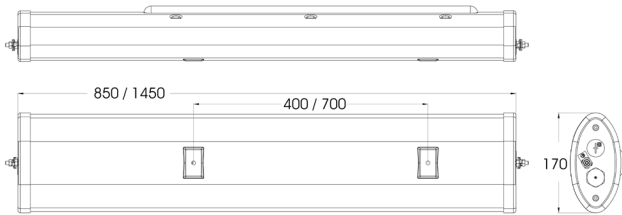


Wall Mount Bracket 90°



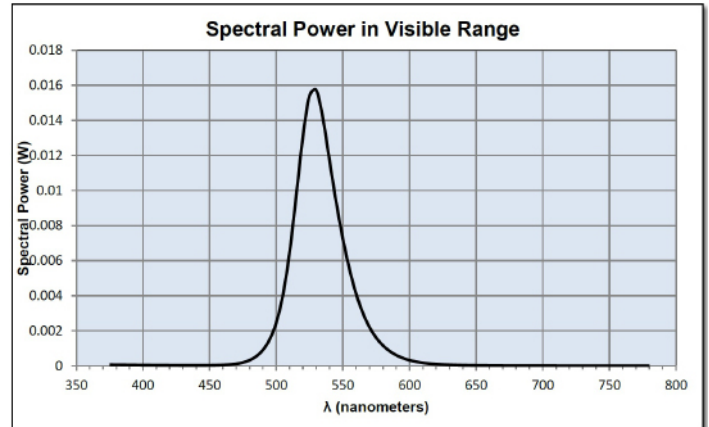
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Linear Dimensions

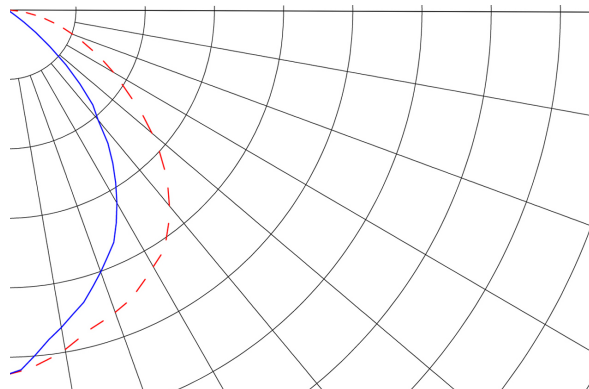


Dimensions are in mm [inches]

Wavelength



Light Distribution



Part Number	Entry Options	Wattage	Voltage	Light Output Colour
ELEA-2G4R-SSCB	2 at each end	70	230/240 VAC	Green
ELEA-2G4M-SSCB	2 at each end	35	230/240 VAC	Green

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