Dialight

SafeSite® LED Linear Fixture
ATEX / IECEx

Dialight's SafeSite® LED linear fixture replaces fluorescent lighting fixtures in hazardous areas, while providing all of the benefits of an LED fixture.

The SafeSite® LED linear fixture's rugged solid state design makes it highly resistant to shock and vibration. Its fully gasketed IP 66 enclosure makes it suitable for dusty & wet locations. The SafeSite LED linear's design allows for mounting versatility and ease of installation for many lighting applications.

Dimensions in mm [inches]

Certifications

- Ex d e mb IIB T4 Gb (Ta = -20°C to +65°C)
- Ex tb IIIC T135°C Db (Ta = -20°C to +65°C)
- Certification numbers : SIRA 12ATEX1215
  IECEx SIR 12.0092
- ATEX Zones 1, 21
- ATEX Zones 2, 22
- CE
- IP 66
- NEMA 4X
- RoHS compliant

Features & Benefits

- L70 rated for >100,000 hours @ 25°C
- 5 year full performance warranty
- Instant on/off operation
- Universal input (100-277V AC), 50/60Hz
- Superior colour rendition index compared to HPS, LPS, MV
- Mercury Free and lead free
- Temperature compensation technology for longer life

Mechanical Information

Fixture Weight:	7.9 kg - 1181mm models 4.5 kg - 605mm models
Mounting:	(3) M25 openings Supplied with 2 ATEX blanking plugs Painted Aluminum (6061) Swivel bracket included

Electrical Specifications

Operating Voltage:	100-277V AC, 50/60 Hz
Power Consumption:	68W - 1181mm models 36W - 605mm models
Operating Temp:	-20°C to +65°C (-4°F to +140°F)
Harmonics:	IEC 61000-3-2
Surge Protection:	Protection devices capable of 6kV Verified up to 4kV/2ohms at an independent test laboratory
THD:	<20%
Power Factor:	>0.9

Construction

Body:	Powder coated low copper alum.
Lens:	6mm clear toughened glass or 6mm diffused toughened glass

Photometric Information

CRI:	>70
CCT:	5,000K (cool white)
IES Files:	Available upon request

All values typical unless otherwise stated

| Temperature Ratings |
|---|
| Ambient Temperature Range
T4 Temperature Code |
| -20°C to +65°C (-4°F to +140°F) |

SafeSite® LED Linear Fixture

Ordering Information

Part Number	Color	Length	Lens	Fixture Lumens	Watt	Lumens per Watt
LSA3C4M2G	CW	1181mm	clear	6,000	68	88
LSA3C4D2G	CW	605mm	clear	3,100	36	86

¹For a fixture with a frosted, diffused glass lens change the 9th character to a **F**. Example: part number changes from LSA3C4M2**G** to LSA3C4M2**F**
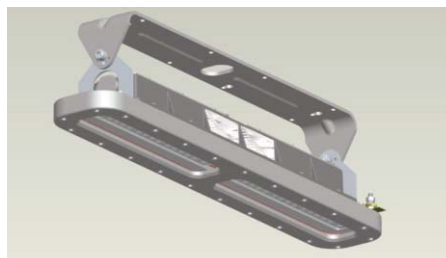
Mounting and Accessories

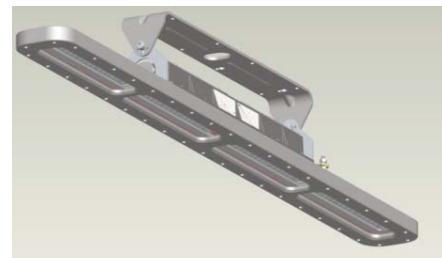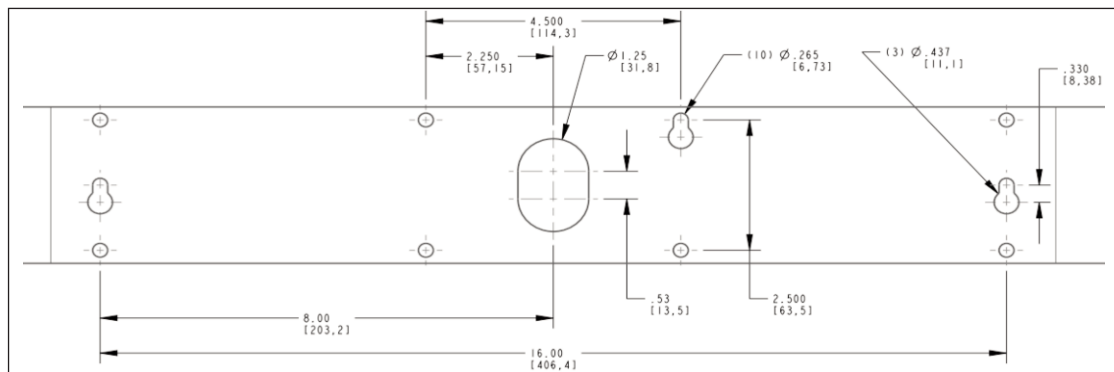|	Part Number	Description	Kit Includes
	HZXSAFEKIT	Stainless Steel Safety cable kit	2 Eyelets 2 Safety cables Mounting Hardware
	HZXSAFETABS	Stainless Steel Safety Tabs	2 Eyelets Mounting Hardware

LSXW7 Mounting bracket (Included)
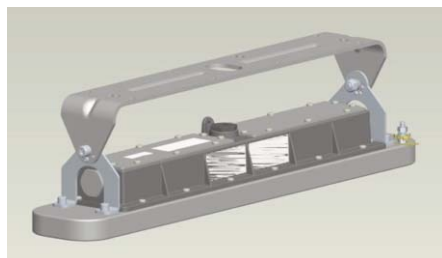
605mm with Mounting bracket

1181mm with Mounting bracket

Mounting bracket dimensions