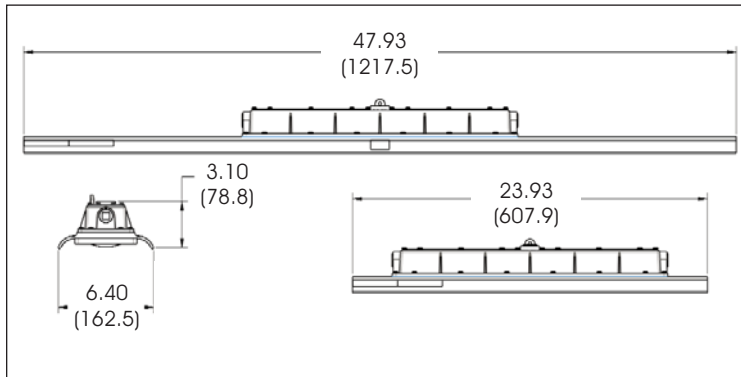




## SafeSite® LED Linear Fixture Class I, Div. 2 Version



### Certifications

- UL 1598
- UL 1598A
- CSA 22.2 No.137-M81
- UL 844
- IP66
- NEMA 4X

### Features & Benefits

- 5 year full performance warranty
- Instant on/off operation
- Resistant to water, salt, dust & vibration
- Vibration tested to UL 844 for 35 hours @ 2,000 CPM
- Resistant up to 20 PSI of hose directed water
- Universal input (100-277 VAC), 50/60Hz
- Superior color rendition index compared to HPS, LPS, MV
- Mercury Free
- Temperature compensation technology for longer life
- L70 rated for >100,000 hours @ 25°C

### Ordering Codes

| Part Number | Length | Fixture Lumens | Class I, Div 2 | Class II, Div 1 | Class II, Div 2 | Class III, Div 1 | Class III, Div 2 |
|-------------|--------|----------------|----------------|-----------------|-----------------|------------------|------------------|
| LSD3C4D2P   | 2'     | 3,500          | A / B / C / D  |                 | E / F / G       |                  |                  |
| LSD3C4M2P   | 4'     | 7,000          | A / B / C / D  |                 | E / F / G       |                  |                  |
| LSF3C4D2P   | 2'     | 3,500          | A / B / C / D  | E / F / G       | F / G           | •                | •                |
| LSF3C4M2P   | 4'     | 7,000          | A / B / C / D  | E / F / G       | F / G           | •                | •                |

### Mounting Accessory

| Part Number  | Description                                   |
|--------------|-----------------------------------------------|
| LSXW4        | Swivel bracket Can be angled at 0°, 45° & 90° |
| LSXENDCAPKIT | Chain mount brackets                          |

### Application

The first of its kind, Dialight's SafeSite® LED linear fixture replaces fluorescent lighting fixtures in industrial applications, hazardous locations & transit applications.

The SafeSite LED Linear fixture's rugged solid state design makes it highly resistant to shock and vibration. Its fully gasketed IP 66 rated enclosure makes it suitable for dust & wet locations, its 1598A rating guarantees added protection from salt water spray. The SafeSite LED Linear's superior design allows for mounting versatility and ease of installation for many lighting applications.

### Mechanical Information

|                  |                                                          |
|------------------|----------------------------------------------------------|
| Fixture Weight:  | 17 lbs (7.71 kg) 4'<br>12 lbs (5.44 kg) 2'               |
| Shipping Weight: | 19 lbs (8.62 kg) 4'<br>14 lbs (6.35 kg) 2'               |
| Mounting:        | (3) 3/4" NPT openings<br>Optional swivel bracket - LSXW4 |

### Electrical Specifications

|                                        |                                          |
|----------------------------------------|------------------------------------------|
| Operating Voltage:                     | 100-277VAC, 50/60 Hz                     |
| Power Consumption:                     | 100W 4' version<br>50W 2' version        |
| Operating Temp:                        | -40°F to +133°F (-40°C to +55°C)         |
| Harmonics:                             | EC 61000-3-2                             |
| Surge Protection:                      | 1 kV line to line<br>2 kV line to ground |
| THD:                                   | < 15%                                    |
| Power Factor:                          | > 0.95                                   |
| Power supply equipped with inline fuse |                                          |

### Construction

|       |                        |
|-------|------------------------|
| Body: | Powder Coated Aluminum |
| Lens: | Polycarbonate          |

### Photometric Information

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

All values typical unless otherwise stated

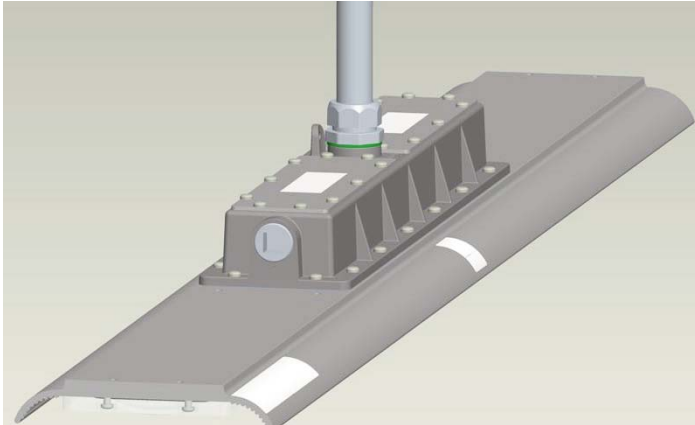
| Temperature Ratings                              |
|--------------------------------------------------|
| Ambient Temperature Range<br>T5 Temperature Code |
| -40°F to +149°F (-40°C to +65°C)                 |



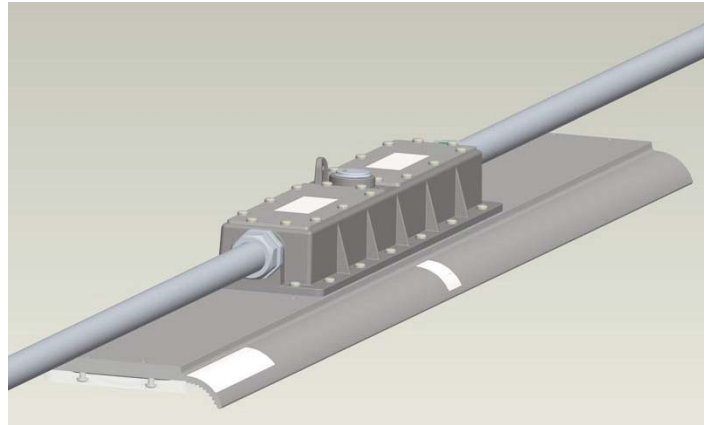
# SafeSite® LED Linear Fixture

## Mounting Options

Conduit Top Mount

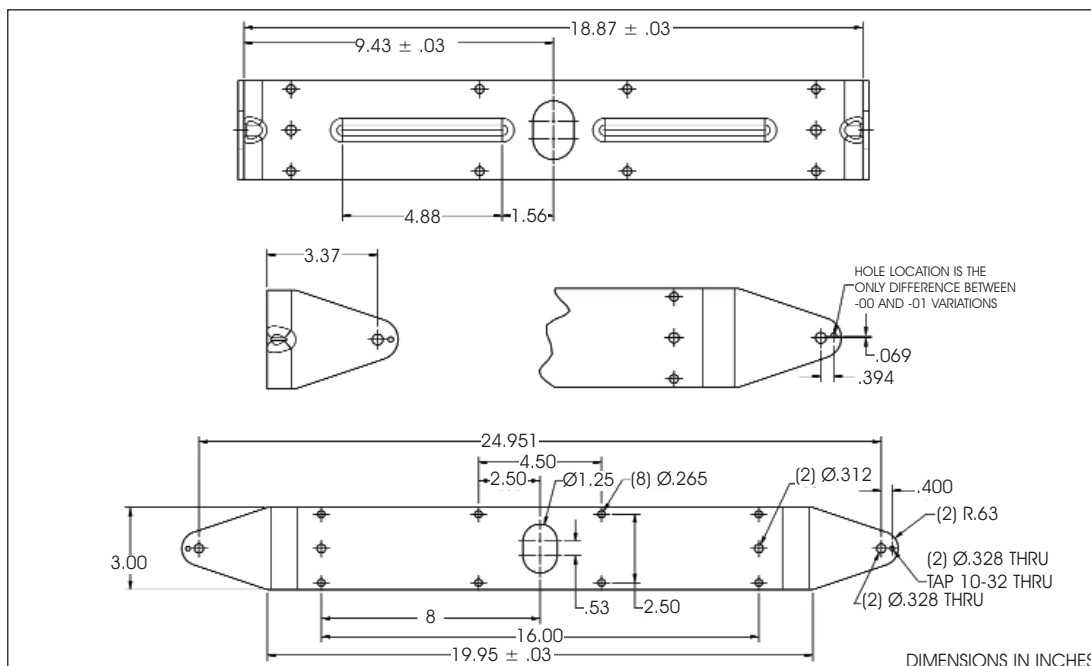
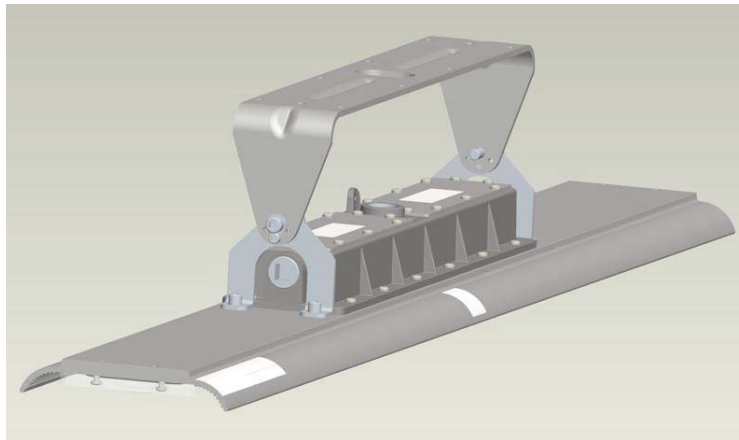


Conduit Side Mount



## Mounting Accessory

LSXW4 Mounting bracket



Dialight reserves the right to make changes at any time in order to supply the best product possible.

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[www.dialight.com/Assets/Brochures\\_And\\_Catalogs/Illumination/MDTFSFSTLX001.pdf](http://www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDTFSFSTLX001.pdf)

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