DuroSite® LED Linear Fixture - UL/CSA
for Indoor and Outdoor Industrial Applications
Features & Benefits

- 5-year warranty
- L70 rated for >100,000 hours @ 25°C
- Instant on/off operation
- Resistant to water, salt, dust & vibration
- Resistant up to 2,000 PSI of hose directed water
- Universal input (100-277 VAC, 50/60Hz)
- Integrated wiring box
- Low profile housing for limited space applications
- Temperature compensation technology for longer life

Application

Dialight’s DuroSite® LED linear fixture replaces HID and fluorescent lighting fixtures in industrial applications. The DuroSite® LED Linear fixture’s rugged solid state design makes it highly resistant to shock and vibration. Its fully gasketed IP66 rated enclosure makes it suitable for dusty & wet locations, its 1598/A rating guarantees added protection from salt water spray. The DuroSite® LED Linear’s superior design allows for wiring and mounting versatility and ease of installation for many lighting applications.
DuroSite LED Linear - UL / CSA
Low Profile

Certifications & Ratings
- UL 1598/A*
- CSA C22.2 No. 250*
- IP66/67
- NEMA 4X

*ETL listed

Mechanical Information:
- Fixture weight:
  - 4' - 10 lb (4.5 kg)
  - 2' - 7 lb (3.2 kg)
- Shipping weight:
  - 4' - 11 lb (5.0 kg)
  - 2' - 8 lb (3.6 kg)
- Mounting:
  - (4) 3/4" NPT openings
  - Optional swivel bracket - LPXW4
  - Optional low profile bracket - LPXW4LP

Electrical Specifications:
- Operating voltage: 100-277 VAC, 50/60Hz
- Power consumption: See ordering information
- Operating temp: -40°F to +149°F (-40°C to +65°C)
- Harmonics: IEC 61000-3-2
- Noise requirements/EMC:
  - FCC Title 47, Subpart B, Section 15, Class A device. RF Immunity; 10V/m, 80MHz-1GHz
  - Surge protection: EN 61000-4-5
  - 4 kV line-to-line
  - 4 kV line-to-ground
  - THD: < 20%
  - Power factor: > 0.9
- Power supply equipped with inline fuse

Construction:
- Finish: Superior dual coat finish
  - Sealed polyester topcoat
  - Chemical resistant epoxy primer
- Lens: Polycarbonate

Photometric Information:
- CRI: 80
- CCT:
  - 5000K (cool white)
  - 4000K (neutral white)
- IES files:
  - Available at www.dialight.com

Dimensions in inches [mm]

**WARNING - INSTALLATION & SECONDARY RETENTION.** Use of any Dialight products without proper installation (including secondary retention / netting) and periodic inspections could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end-user to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is safely installed (with secondary retention / netting where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under applicable laws, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products.
DuroSite LED Linear - UL / CSA
Top Conduit

Certifications & Ratings
- UL 1598/A*
- CSA C22.2 No. 250*
- IP66
- NEMA 4X
*ETL listed

Mechanical Information:
- Fixture weight:
  - 4’ - 10 lb (4.5 kg)
  - 2’ - 7 lb (3.2 kg)
- Shipping weight:
  - 4’ - 11 lb (5.0 kg)
  - 2’ - 8 lb (3.6 kg)
- Mounting:
  - (3) 3/4” NPT openings
  - Optional swivel bracket - LTXW4
  - Optional low profile bracket - LTXW4LP

Electrical Specifications:
- Operating voltage: 100-277 VAC, 50/60Hz
- Power consumption: See ordering information
- Operating temp: -40°F to +149°F (-40°C to +65°C)
- Harmonics: IEC 61000-3-2
- Noise requirements/EMC: FCC Title 47, Subpart B, Section 15, Class A device. RF Immunity: 10V/m, 80MHz-1GHz
- Surge protection: EN 61000-4-5
  - 4 kV line-to-line
  - 4 kV line-to-ground
- THD: < 20%
- Power factor: > 0.9
- Power supply equipped with inline fuse

Construction:
- Finish: Superior dual coat finish
  - Sealed polyester topcoat
  - Chemical resistant epoxy primer
- Lens: Polycarbonate

Photometric Information:
- CRI: 80
- CCT: 5000K (cool white)
  4000K (neutral white)
- IES files: Available at www.dialight.com

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

Dimensions in inches [mm]

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DuroSite LED Linear - UL / CSA
Battery Backup

Certifications & Ratings
- UL 1598/A*
- UL 924*
- CSA C22.2 No. 250*
*ETL listed

Mechanical Information:
- Fixture weight: 18 lb (8.2 kg)
- Shipping weight: 21 lb (9.5 kg)
- Mounting:
  - (1) Threaded 3/4" NPT side
  - (2) Threaded 3/4" NPT ends

Electrical Specifications:
- Operating voltage: 120-277 VAC, 50/60Hz
- Power consumption: 85W
- Operating temp: -4°F to +149°F (-20°C to +65°C)
- Battery: 3.6V 10Ah Nimh
- Battery life*: 3 years
- Battery duration*: > 3 hours
- Lumen output in Battery Mode: 450lm
- Harmonics: IEC 61000-3-2
- Noise requirements/EMC:
  - FCC Title 47, Subpart B, Section 15, Class A device. RF Immunity; 10V/m, 80MHz-1GHz
- Surge protection:
  - EN 61000-4-5
  - 1 kV line to line
  - 2 kV line to ground
- THD: < 20%
- Power factor: > 0.9

Construction:
- Finish: Superior dual coat finish
  - Sealed polyester topcoat
  - Chemical resistant epoxy primer
- Lens: Polycarbonate

Photometric Information:
- CRI: 75
- CCT:
  - 5000K (cool white)
  - 4000K (neutral white)
- IES files: Available upon request

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

Dimensions in inches [mm]

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### DuroSite LED Linear - UL / CSA
#### Mounting and Accessories

<table>
<thead>
<tr>
<th>Low Profile Linear</th>
<th>Top Conduit Linear</th>
<th>Battery Backup Linear</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LPXW4LP</strong></td>
<td><strong>LTXW4SS</strong></td>
<td><strong>LSXW4</strong></td>
</tr>
<tr>
<td>316 Stainless steel low profile mounting bracket</td>
<td>316 Stainless steel mounting bracket</td>
<td>Aluminum mounting bracket</td>
</tr>
<tr>
<td>Can be angled at 0° and 15°</td>
<td>Can be angled at 0°, 30°, 45°, 60° and 90°</td>
<td>Can be angled at 0°, 30°, 45°, 60° and 90°</td>
</tr>
<tr>
<td><strong>LPXW4</strong></td>
<td><strong>LTXW4LP</strong></td>
<td><strong>LSXW4</strong></td>
</tr>
<tr>
<td>316 Stainless steel mounting bracket</td>
<td>Aluminum low profile mounting bracket</td>
<td>Aluminum mounting bracket</td>
</tr>
<tr>
<td>Can be angled at 0°, 30°, 45°, 60° &amp; 90°</td>
<td>Can be angled at 0° and 15°</td>
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</tr>
<tr>
<td><strong>LTXSAFEKIT</strong></td>
<td><strong>LTXSAFEKIT</strong></td>
<td><strong>LTXENDCAPKIT</strong></td>
</tr>
<tr>
<td>Safety cable kit for secondary retention</td>
<td>Safety cable kit for secondary retention</td>
<td>304 Stainless steel chain mount and secondary retention bracket</td>
</tr>
<tr>
<td><strong>LTXENDCAPKIT</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>304 Stainless steel chain mount and secondary retention bracket</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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# DuroSite LED Linear - UL / CSA

## Low Profile - Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Length</th>
<th>CRI</th>
<th>Fixture Lumens</th>
<th>Watt</th>
<th>lm/W</th>
<th>Voltage</th>
<th>CCT</th>
<th>Lens</th>
<th>Beam Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>LPM3C4M2P</td>
<td>4'</td>
<td>80</td>
<td>7,900</td>
<td>60</td>
<td>132</td>
<td>100-277 VAC</td>
<td>5000K (cool white)</td>
<td>Clear Polycarbonate</td>
<td>Medium</td>
</tr>
<tr>
<td>LPM3C4H2W</td>
<td>4'</td>
<td>80</td>
<td>7,100</td>
<td>60</td>
<td>118</td>
<td>100-277 VAC</td>
<td>5000K (cool white)</td>
<td>Diffused Polycarbonate</td>
<td>Medium</td>
</tr>
<tr>
<td>LPM3N4M2P</td>
<td>4'</td>
<td>80</td>
<td>7,300</td>
<td>60</td>
<td>122</td>
<td>100-277 VAC</td>
<td>4000K (neutral white)</td>
<td>Clear Polycarbonate</td>
<td>Medium</td>
</tr>
<tr>
<td>LPM3N4H2W</td>
<td>4'</td>
<td>80</td>
<td>6,700</td>
<td>60</td>
<td>112</td>
<td>100-277 VAC</td>
<td>4000K (neutral white)</td>
<td>Diffused Polycarbonate</td>
<td>Medium</td>
</tr>
<tr>
<td>LPM3C4D2P</td>
<td>2'</td>
<td>80</td>
<td>3,850</td>
<td>29</td>
<td>133</td>
<td>100-277 VAC</td>
<td>5000K (cool white)</td>
<td>Clear Polycarbonate</td>
<td>Medium</td>
</tr>
<tr>
<td>LPM3C4B2W</td>
<td>2'</td>
<td>80</td>
<td>3,500</td>
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<td>121</td>
<td>100-277 VAC</td>
<td>5000K (cool white)</td>
<td>Diffused Polycarbonate</td>
<td>Medium</td>
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<td>LPM3N4D2P</td>
<td>2'</td>
<td>80</td>
<td>3,600</td>
<td>29</td>
<td>124</td>
<td>100-277 VAC</td>
<td>4000K (neutral white)</td>
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<td>Medium</td>
</tr>
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All values typical unless otherwise stated (tolerance +/- 10%). The part numbers in the above table are provided in 5000K (cool white). To order part numbers in 4000K (neutral white), please change the 5th character to an N. Ex. LPM3C4M2P becomes LPM3N4M2P.

**Beam Distribution**

[Diagram of Medium beam distribution]

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## DuroSite LED Linear - UL / CSA

### Top Conduit - Ordering Information

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<th>Length</th>
<th>CRI</th>
<th>Fixture Lumens</th>
<th>Watt</th>
<th>lm/W</th>
<th>Voltage</th>
<th>CCT</th>
<th>Lens</th>
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<td>LTM3C4M2P</td>
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**Beam Distribution**

![Beam Distribution Diagram](image-url)
DuroSite LED Linear - UL / CSA
Battery Backup - Ordering Information and Accessories

This fixture is offered in sustained and maintained configurations. Sustained has a single AC input and battery backup mode is entered upon any loss of power. Fixture cannot be turned off without entering battery backup mode. Maintained has two AC inputs. The fixture can be turned on and off via AC-1 and Fixture only enters battery backup mode when AC-2 is lost or low.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Length</th>
<th>Type</th>
<th>CRI</th>
<th>Fixture Lumens</th>
<th>Watt</th>
<th>lm/W</th>
<th>Warranty</th>
<th>Voltage</th>
<th>CCT</th>
<th>Lens</th>
<th>Beam Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>LSM3C4MEP</td>
<td>4’</td>
<td>Sustained</td>
<td>75</td>
<td>7,000</td>
<td>85</td>
<td>82</td>
<td>3yr</td>
<td>120-277 VAC</td>
<td>5000K (cool white)</td>
<td>Clear Polycarbonate</td>
<td>Medium</td>
</tr>
<tr>
<td>LSM3C4MNP</td>
<td>4’</td>
<td>Maintained</td>
<td>75</td>
<td>7,000</td>
<td>85</td>
<td>82</td>
<td>3yr</td>
<td>120-277 VAC</td>
<td>5000K (cool white)</td>
<td>Clear Polycarbonate</td>
<td>Medium</td>
</tr>
</tbody>
</table>

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

The part numbers in the above table are provided in Cool White. To order part numbers in Neutral White, please change the 5th character to an N. Ex. LSM3C4MEP becomes LSM3C4NMEP.

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www.dialight.com
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