DuroSite® LED End-to-End Linear Fixture - UL / CSA for Indoor and Outdoor Industrial Applications
On when it matters most.

Products and solutions that protect your business
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 IP66/67 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.

Features & Benefits

• 5 year warranty
• L70 rated for >125,000 hours @ 25°C
• Instant on/off operation
• Resistant to dust & vibration
• Excellent corrosion resistance to water & salt
• Universal input (120-277 VAC, 50/60Hz)
  Temperature compensation technology for longer life
• Integrated wiring box on each end for easy install
• Low profile housing for limited space applications
• Through wiring capability
DuroSite® LED End-to-End Linear Fixture - UL / CSA

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

Mechanical Information:
- Fixture weight:
  - 4' - 18 lb (8.2 kg)
  - 2' - 13 lb (5.9 kg)
- Shipping weight:
  - 4' - 20 lb (9.1 kg)
  - 2' - 15 lb (6.8 kg)
- Mounting:
  - (4) 3/4" NPT openings
  - Optional ceiling, flush or swivel mounting bracket

Electrical Specifications:
- Operating voltage: 120-277 VAC
- Power consumption: See table
- Operating temp: -40°F to +149°F (-40°C to +65°C)
- Harmonics: 61000-3-2
- Transient protection:
  - FCC Title 47, Subpart B, Section 15, Class A device. RF Immunity; 10V/m, 80MHz-1GHz
  - EN 61000-4-5
  - 6kV line-to-line
  - 6kV line-to-ground
- THD: < 20%
- Power factor: > 0.9

Construction:
- Housing: Extruded 6063 aluminum
- 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%)

* For information on chemical compatibility, please follow this link to reference Dialight’s Chemical Compatibility Guide. www.dialight.com/pubs/MDTFCHEMRFLX001.PDF
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Mounting Options

**Swivel Mount**

**EEX-S6**
- 316 Stainless steel swivel mounting bracket
- Can be angled at 0°, 30°, 45°, 60°, and 90°

**Ceiling Mount**

**EEX-C6**
- 316 Stainless steel fixed ceiling mount

**Flush Mount**

**EEX-F6**
- 316 Stainless steel flush mount
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Mounting Dimensional

2' - Swivel Mount

4' - Swivel Mount

2' - Flush Mount

4' - Flush Mount

2' - Ceiling Mount

4' - Ceiling Mount

DuroSite | Industrial Applications | Linear
## DuroSite® LED End-to-End Linear Fixture - UL / CSA

### 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>LBU2MB3FOFNNNGN</td>
<td>4'</td>
<td>80</td>
<td>7,500</td>
<td>60</td>
<td>125</td>
<td>120-277 VAC</td>
<td>5000K (cool white)</td>
<td>Clear polycarbonate</td>
<td>Medium</td>
</tr>
<tr>
<td>LBU6MB3FOFNNNGN</td>
<td>4'</td>
<td>80</td>
<td>6,750</td>
<td>60</td>
<td>112</td>
<td>120-277 VAC</td>
<td>5000K (cool white)</td>
<td>Diffused polycarbonate</td>
<td>Medium</td>
</tr>
<tr>
<td>LAU2MB3BONNNGN</td>
<td>2'</td>
<td>80</td>
<td>4,000</td>
<td>32</td>
<td>125</td>
<td>120-277 VAC</td>
<td>5000K (cool white)</td>
<td>Clear polycarbonate</td>
<td>Medium</td>
</tr>
<tr>
<td>LAU6MB3BONNNGN</td>
<td>2'</td>
<td>80</td>
<td>3,500</td>
<td>32</td>
<td>109</td>
<td>120-277 VAC</td>
<td>5000K (cool white)</td>
<td>Diffused polycarbonate</td>
<td>Medium</td>
</tr>
</tbody>
</table>

All lumen values are typical (tolerance +/- 10%).

* For information on chemical compatibility, please follow this link to reference Dialight’s Chemical Compatibility Guide. [www.dialight.com/pubs/MDTCHMRFIX001.PDF](http://www.dialight.com/pubs/MDTCHMRFIX001.PDF)

Part numbers listed in the above table are cool white. For neutral white models replace the 6th character with N. Ex. LBU2MB3FOFNNNGN becomes LBU2MB3FOFNNNGN.

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### Light Distribution Pattern

<table>
<thead>
<tr>
<th>Clear Lens</th>
<th>Diffused Lens</th>
</tr>
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<tbody>
<tr>
<td><img src="image1" alt="Clear Lens Diagram" /></td>
<td><img src="image2" alt="Diffused Lens Diagram" /></td>
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</table>
ALL VALUES ARE DESIGN OR TYPICAL VALUES WHEN MEASURED UNDER LABORATORY CONDITIONS. THE LIGHTING EFFICIENCY STATEMENTS CONTAINED HEREIN ARE CALCULATED ON A LUMEN PER WATTS BASIS WHEN COMPAREING FIXTURES WITH SIMILAR FEATURES. ALL INFORMATION PROVIDED IS ACCURATE AS OF THE DATE OF PUBLICATION, IS SUBJECT TO CHANGE WITHOUT NOTICE AND DOES NOT FORM PART OF ANY CONTRACT WITH DIALIGHT. DIALIGHT DOES NOT WARRANT OR REPRESENT THAT ITS PRODUCTS ARE FIT FOR ANY PARTICULAR PURPOSE AND HAS NO RESPONSIBILITY FOR THE [INAPPROPRIATE/UNAUTHORISED/NON-APPROVED] USE OF ANY DIALIGHT PRODUCTS BY THE END USER.

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