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

Products and solutions that protect your business
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 >100,000 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 - CE

Standard Models

Certifications & Ratings
- CE
- EN55015
- EN61547
- EN60598-2-1
- EN61347
- EN61000-3-2
- EN52031
- EN62471
- IP60/67
- NEMA 4X

Mechanical Information:
- Fixture weight:
  - 1.30m - 8.2 kg (18 lb)
  - 687.4mm - 5.9 kg (13 lb)
- Shipping weight:
  - 1.30m - 9.1 kg (20 lb)
  - 687.4mm - 6.8 kg (15 lb)
- Mounting:
  - (4) M25 openings
  - Factory-installed 316 stainless steel ceiling mount

Electrical Specifications:
- Operating voltage: 120-277 VAC
- Power consumption: See table
- Operating temp: -40°C to +65°C (-40°F to +149°F)
- Transient protection: EN 55015 - conducted and radiated
  - EN 61000-3-2, EN 61000-4-2,
  - EN 61000-4-3, EN 61000-4-4,
  - EN 61000-4-6, EN 61000-4-11
- Surge protection: EN 61000-4-5
  - 6kV line-to-line
  - 6kV line-to-ground
- THD: < 20%
- Power factor: > 0.9

Construction:
- Housing: Extruded 6063 aluminium
- 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
DuroSite® LED End-to-End Linear Fixture - CE
Dimensions for Alternate Mounting Brackets
# DuroSite® LED End-to-End Linear Fixture - CE

## 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>LBE2MB3FNANNGN</td>
<td>1,30m</td>
<td>80</td>
<td>7,500</td>
<td>60</td>
<td>125</td>
<td>120 - 277 V AC</td>
<td>5000K (cool white)</td>
<td>Clear polycarbonate</td>
<td>Medium</td>
</tr>
<tr>
<td>LBE6MB3FNANNGN</td>
<td>1,30m</td>
<td>80</td>
<td>6,750</td>
<td>60</td>
<td>112</td>
<td>120 - 277 V AC</td>
<td>5000K (cool white)</td>
<td>Diffused polycarbonate</td>
<td>Medium</td>
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<tr>
<td>LAE2MB3BNANNGN</td>
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<td>80</td>
<td>4,000</td>
<td>32</td>
<td>125</td>
<td>120 - 277 V AC</td>
<td>5000K (cool white)</td>
<td>Clear polycarbonate</td>
<td>Medium</td>
</tr>
<tr>
<td>LAE6MB3BNANNGN</td>
<td>687,4mm</td>
<td>80</td>
<td>3,500</td>
<td>32</td>
<td>109</td>
<td>120 - 277 V AC</td>
<td>5000K (cool white)</td>
<td>Diffused polycarbonate</td>
<td>Medium</td>
</tr>
</tbody>
</table>

All lumen values are typical (tolerance +/- 10%). Part numbers listed in the above table are cool white. For neutral white models, please replace the 6th character with N. Ex. LBE2MB3FNANNGN becomes LBE2MN3FNANNGN. For factory-installed swivel mount, please replace the 10th character with S. Ex. LBE2MB3FNANNGN becomes LBE2MN3FSNANNGN.

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### Light Distribution Pattern

- **Clear Lens**
- **Diffused Lens**
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 COMPARING 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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