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

Products and solutions that protect your business
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
- Conforms to NSF/ANSI Standard 2 - Food Equipment

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.
DuroSite® LED End-to-End Linear Fixture - NSF
NSF Model

Certifications & Ratings
- UL 1598/A
- CSA C22.2 No. 250
- IP66/67
- NEMA 4X
- NSF certified for Splash and Non-Food Zones

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: End cap with chain mount
- Cable: 6ft Yellow SEOW cord, 3-conductor 18AWG & cable gland

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
- Surge protection: 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 white 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
DuroSite® LED End-to-End Linear Fixture - NSF

Ordering Information - NSF Models

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Length</th>
<th>CRI</th>
<th>Voltage</th>
<th>Lens</th>
<th>CCT</th>
<th>Lumens</th>
<th>Watt</th>
<th>lm/W</th>
<th>Beam Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>LBN2MB3FNNFNWN</td>
<td>4'</td>
<td>80</td>
<td>120-277 VAC</td>
<td>Clear</td>
<td>5000K (cool white)</td>
<td>7,500</td>
<td>60</td>
<td>125</td>
<td>Medium</td>
</tr>
<tr>
<td>LBN6MB3FNNFNWN</td>
<td>4'</td>
<td>80</td>
<td>120-277 VAC</td>
<td>Diffused</td>
<td>5000K (cool white)</td>
<td>6,750</td>
<td>60</td>
<td>112</td>
<td>Medium</td>
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<tr>
<td>LAN2MB3BNFNNWN</td>
<td>2'</td>
<td>80</td>
<td>120-277 VAC</td>
<td>Clear</td>
<td>5000K (cool white)</td>
<td>4,000</td>
<td>32</td>
<td>125</td>
<td>Medium</td>
</tr>
<tr>
<td>LAN6MB3BNFNNWN</td>
<td>2'</td>
<td>80</td>
<td>120-277 VAC</td>
<td>Diffused</td>
<td>5000K (cool white)</td>
<td>3,500</td>
<td>32</td>
<td>109</td>
<td>Medium</td>
</tr>
</tbody>
</table>

Light Distribution Pattern

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

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

Part numbers listed in the above table are cool white. For neutral white models replace the 6th character with N. Ex. LBN2MB3FNNFNWN becomes LBN2MNBFNNFNWN
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