ML LED

Linear LED Lighting for harsh environments

Key Features
- Low-profile, lightweight design
- Heavy-duty, 3/8" thick die-cast safety cable attachment points
- Toolless, cage-clamp terminal block
- Captive junction box cover, attached by nylon-coated stainless steel cable
- Field replaceable LED circuit boards and drivers with quick disconnects
- Adjustable mounting bracket with 60° range of motion and nine locking positions*
- Impact resistant clear lens

* Not included, must be ordered separately. Please see options section.

Additional Features
- Central safety cable attachment points for increased safety/reduced range of motion
- Feed-through capable
- Optional end brackets for chain mount applications
- Emergency battery back-up
- Diffused lens option
- 10 kV standard surge protection
- 5-year warranty

Classifications
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- UL 924 Emergency Lighting
- -40°C to 65°C Ambient Temperature
- CSA C22.2 No. 250.0-08
- NEMA 4X
- CE
- IP66
- Tested to LM 79 & LM 80

Standard Materials
Body: 6061T5 aluminum (less than .4% copper content) with baked-on gray epoxy finish
Driver body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
Gaskets: one-piece neoprene
Optional end brackets: Stainless steel
Lens: polycarbonate
Hardware: Stainless steel
## Certification Guide

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Watts</th>
<th>Operating Voltage</th>
<th>Total Lumens</th>
<th>Lumen per Watt</th>
<th>CRI</th>
<th>CCT</th>
<th>Ambient Temperature*</th>
<th>Supply Wire Suitable Temp. °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>ML04LC2</td>
<td>2 ft</td>
<td>27W</td>
<td>120V - 277V 50/60 Hz</td>
<td>3620</td>
<td>134</td>
<td>83</td>
<td>4069</td>
<td>-40°C &lt; Tamb &lt; 55°C</td>
<td>90°C</td>
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<td>ML05LC2</td>
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<td>37W</td>
<td></td>
<td>4833</td>
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<tr>
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<td>90°C</td>
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<tr>
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<td>52W</td>
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<td>4 ft</td>
<td>72W</td>
<td></td>
<td>9757</td>
<td>136</td>
<td>83</td>
<td>4123</td>
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<td>90°C</td>
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<td>136</td>
<td>83</td>
<td>4123</td>
<td>-30°C &lt; Tamb &lt; 65°C</td>
<td>90°C</td>
</tr>
</tbody>
</table>

* MHL and ML light fixtures are listed for use at ambient temperatures as low as -40°C, but when run continuously, will operate in ambient temperatures as low as -45°C.

### ML 07 - L - C - 4 - U - XX

1. **SERIES**
   - ML = Harsh Environment Linear LED
   - CEML = CEL LED

2. **LAMP WATTAGE**
   - 04 = 27 Watt (2 foot)
   - 05 = 37 Watt (2 foot)
   - 06 = 39 Watt (2 foot)
   - 07 = 52 Watt (4 foot)
   - 09 = 72 Watt (4 foot)
   - 11 = 77 Watt (4 foot)

3. **LAMP TYPE**
   - L = LED (4000K CCT)

4. **LENS**
   - C = Clear
   - D = Diffused

5. **NOMINAL FIXTURE LENGTH**
   - 2 = 2 Foot
   - 4 = 4 Foot

6. **VOLTAGE/FREQUENCY**
   - U = 120 - 277V 50/60Hz
   - N = 347/480V 60Hz
   - A = 120V 60Hz²
   - B = 220 - 240V 50/60Hz²
   - C = 277V 60Hz²

7. **OPTIONS¹**
   - RIG = Mounting Bracket and (2) Safety Cables
   - MB = Mounting Bracket Ceiling or Wall
   - EB = End Brackets Cable or Chain Suspension
   - WB = 90° Wall Mounting Bracket
   - HA = High Ambient 65°C Rated
   - EM = Emergency Battery Backup
   - FB = Fuse Block
   - NTB = No Terminal Block
   - SC = Safety Cable
   - 30 = 3000K CCT
   - 35 = 3500K CCT
   - 50 = 5000K CCT

¹ Mounting hardware not included. Please see options for mounting selections.

2 Specify voltage when option FB is needed. When option FB is selected, one fuse is provided for 120 and 277V. Two fuses are provided for 220-240V.

Fuse option not available for marine listed fixtures, or for fixtures listed for use in Canada.

Part numbering logic is for explaining part number structure only. Not all combinations are possible; consult factory for catalog numbers not listed on chart.