Brad M12 LED Machine Lights

By combining an LED Light, Mounting Bracket, and M12 Cordset in one package, the LED Machine Lights Kit simplifies light maintenance and streamlines machine lighting replacement.

Features and Benefits

M12 Connector Interface

M12 Lighting Assembly
Power Options:
- 5.0W
- 10.5W
- 16.0W
- 21.5W
End Brackets
Clip Brackets
Molex M12 Cordsets
5m Single-Ended: 120065-9520
1m Double-Ended: 120066-8992
M12 Closure cap to seal off unused M12 connector

M12 Lighting Assembly
Power Options:
- 12.0W
- 24.0W
- 30.0W
- 42.0W
End Brackets
Clip Brackets
Molex M12 Cordsets
5m Single-Ended: 120065-9520
1m Double-Ended: 120066-8992
M12 Closure cap to seal off unused M12 connector

Side-Panel M12 Interface
Power Options:
- 25.0W
- 50.0W
Pivoting Arm Mount
Mounting Bracket Set
Molex M12 Cordsets
5m Single-Ended: 120065-9520

Applications

Industrial
- Machine Lighting
- Area Lighting
- Workshops
- Factories
- Plant Floors
## Brad M12 LED Machine Lights

### Specifications

**REFERENCE INFORMATION**
- Use With: A-Coded M12 Cordset
- Designed In: mm
- Sealing Protection:
  - 70mm: IP67
  - 40mm: IP67
  - LUMA: IP68-1m and IPX9K (DIN 40050-9)

**ELECTRICAL**
- **Voltage (max.):**
  - 70mm: 20 to 28V DC
  - 40mm: 20 to 28V DC
  - LUMA: 22 to 26V DC
- **Output:**
  - 70mm: 12, 24, 30, or 42W
  - 40mm: 5, 10.5, 16 or 21.5W
  - LUMA: 25 or 50W
- **LED Life (min.):** 60,000 Hours

**MECHANICAL**
- **Length:**
  - 70mm: 370mm, 650mm, 790mm, or 1069mm
  - 40mm: 190, 365, 540 or 715mm
  - LUMA: 420 or 770mm
- **Width: LUMA: 170mm**
- **Vibration Resistance:** From 10 to 55 Hz
- **Amplitude:** 0.35mm
- **Shock Resistance (max.):** 50g

**PHYSICAL**
- **Color Temperature:**
  - 70mm: 5000K
  - 40mm: 5000K
  - LUMA: 5800K
- **Color Rendering:** Ra > 80
- **Reflect Angle:** 90°
- **LUMA: Glare-Free**
- **Glass Thickness:** 4mm
- **Housing:** Anodised Aluminum
- **Ambient Temperature (max.):**
  - 70mm: +40°C
  - 40mm: +50°C
  - LUMA: +50°C
- **On/Off Switch:** None

### Ordering Information

#### 40mm LED Machine Light KIT

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Engineering No.</th>
<th>Output</th>
<th>Length</th>
<th>Accessories</th>
<th>Operating Voltage</th>
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<tbody>
<tr>
<td>130305-0010</td>
<td>M12MXIS40-5W</td>
<td>5.0W</td>
<td>7.5&quot;</td>
<td>End Brackets</td>
<td>24VDC</td>
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<td>130305-0020</td>
<td>M12MXIS40-10W</td>
<td>10.5W</td>
<td>14.4&quot;</td>
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<td>M12MXIS40-16W</td>
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<td>M12MXIS40-21W</td>
<td>21.5W</td>
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#### 70mm LED Machine Light KIT

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<td>130305-0110</td>
<td>M12MXIS70-12W</td>
<td>12W</td>
<td>14.6&quot;</td>
<td>End Brackets</td>
<td>24VDC</td>
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<tr>
<td>130305-0120</td>
<td>M12MXIS70-24W</td>
<td>24W</td>
<td>25.6&quot;</td>
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<td>130305-0130</td>
<td>M12MXIS70-30W</td>
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<td>M12MXIS70-42W</td>
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#### LUMA Wide-Area LED Machine Light KIT

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<th>Order No.</th>
<th>Engineering No.</th>
<th>Output</th>
<th>Dimensions</th>
<th>Accessories</th>
<th>Operating Voltage</th>
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<tbody>
<tr>
<td>130305-0210</td>
<td>M12MXSLUMA-25W</td>
<td>25W</td>
<td>420 x 170mm</td>
<td>Mounting Bracket Set 5m Cordset</td>
<td>24VDC</td>
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<td>130305-0220</td>
<td>M12MXSLUMA-50W</td>
<td>50W</td>
<td>770 x 170mm</td>
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www.molex.com/link/m12ledlights.html

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Order No. 987651-6364 USA/04/GF/2017.04 © 2017 Molex