

# 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

Eliminates costly and complicated hard-wiring. Simplifies maintenance and replacement. Delivers IP67 sealing protection for harsh environments

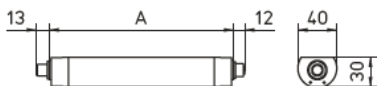


### Complete LED Machine Lighting Solutions

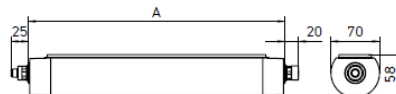
Package includes LED Light, Mounting Brackets, and M12 Cordsets and Connectors. Simplifies ordering by condensing an entire lighting system into one order number



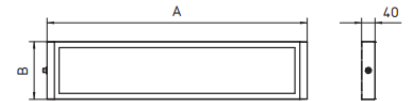
Brad M12 40mm LED Machine Light Kit



Brad M12 70mm LED Machine Light KIT



Brad M12 LUMA Wide-Area LED Machine Light Kit



### 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  
 Outer Diameter: 70mm: 70mm  
 40mm: 40mm  
 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  
 Reflector 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

Order No.	Engineering No.	Output	Length	Accessories	Operating Voltage
<a href="#">130305-0010</a>	M12MXIS40-5W	5.0W	7.5"	End Brackets 5m and 1m Cordsets M12 Closure Cap	24VDC
<a href="#">130305-0020</a>	M12MXIS40-10W	10.5W	14.4"		
<a href="#">130305-0030</a>	M12MXIS40-16W	16.0W	21.3"		
<a href="#">130305-0040</a>	M12MXIS40-21W	21.5W	28.2"		

### 70mm LED Machine Light KIT

Order No.	Engineering No.	Output	Length	Accessories	Operating Voltage
<a href="#">130305-0110</a>	M12MXIS70-12W	12W	14.6"	End Brackets 5m and 1m Cordsets M12 Closure Cap	24VDC
<a href="#">130305-0120</a>	M12MXIS70-24W	24W	25.6"		
<a href="#">130305-0130</a>	M12MXIS70-30W	30W	31.1"		
<a href="#">130305-0140</a>	M12MXIS70-42W	42W	42.1"		

### LUMA Wide-Area LED Machine Light KIT

Order No.	Engineering No.	Output	Dimensions	Accessories	Operating Voltage
<a href="#">130305-0210</a>	M12MXISLUMA-25W	25W	420 x 170mm	Mounting Bracket Set 5m Cordset	24VDC
<a href="#">130305-0220</a>	M12MXISLUMA-50W	50W	770 x 170mm		

[www.molex.com/link/m12ledlights.html](http://www.molex.com/link/m12ledlights.html)

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