

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

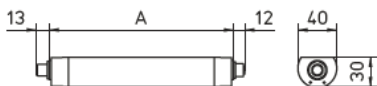


Complete LED Machine Lighting Solutions

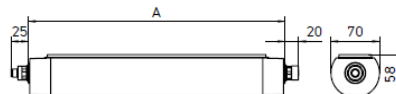
Package includes LED Light, Mounting Brackets, and M12 Cordsets and Connectors. Simplifies ordering by condensing an entire lighting system into one order number



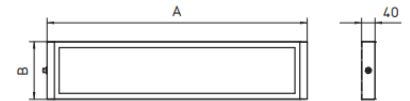
Brad M12 40mm LED Machine Light Kit



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

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
130305-0010	M12MXIS40-5W	5.0W	7.5"	End Brackets 5m and 1m Cordsets M12 Closure Cap	24VDC
130305-0020	M12MXIS40-10W	10.5W	14.4"		
130305-0030	M12MXIS40-16W	16.0W	21.3"		
130305-0040	M12MXIS40-21W	21.5W	28.2"		

70mm LED Machine Light KIT

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

LUMA Wide-Area LED Machine Light KIT

Order No.	Engineering No.	Output	Dimensions	Accessories	Operating Voltage
130305-0210	M12MXISLUMA-25W	25W	420 x 170mm	Mounting Bracket Set 5m Cordset	24VDC
130305-0220	M12MXISLUMA-50W	50W	770 x 170mm		

www.molex.com/link/m12ledlights.html