Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Brad M12 LED Machine Lights

molex®

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

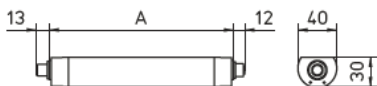## Features and Benefits

M12 Connector Interface
Eliminates costly and complicated hard-wiring. Simplifies maintenance and replacement. Delivers IP67 sealing protection for harsh environments
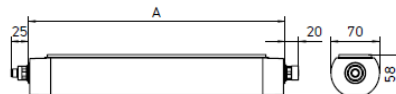
Complete LED Machine Lighting Solutions
Package includes LED Light, Mounting Brackets, and M12 Cordsets and Connectors. Simplifies ordering by condensing an entire lighting system into one order number
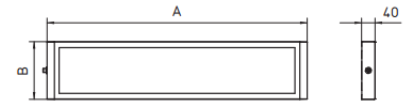
Brad M12 40mm LED Machine Light Kit

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

molex®

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