

MetaBright™ Collimated Line Light

Model#: MB-CLL907



- This MetaBright™ line light produces extremely high brightness and uniform line across the 40" (1,016 mm) aperture.
- General applications include: web inspection, geometry measurement of long targets, direct position measurement, printed circuit board inspection and tube or bottle inspection
- Proprietary optics produce a high power collimated line of light for applications requiring longer working distances.

Part #	Color	Power Supply	Specifications:	
MB-CLL907-W-24	White 6000 K	24 volt power supply available upon request.	Current Consumption	9A @ 24VDC
MB-CLL907-R-24	Red 630nm		Finish	Powder Coated Black
MB-CLL907-B-24	Blue 470nm		Intensity Uniformity	+/-5%
MB-CLL907-G-24	Green 530nm		Weight	12 lbs
MB-CLL907-IRN-24	Infrared 850nm		Operating Temperature	120° F Max
MB-CLL907-IRL-24	Infrared 880nm		Illuminance	1.6 Million Lux
MB-CLL907-UVL-24	UV 395nm		Compliance	CE/RoHS
MB-CLL907-UVS-24	UV 365nm		Lifetime Hours	75,000 Hours

10 ft. flying leads come standard on all products.
Light features built-in constant current driver.
No expensive controller required.

ORDERING INFORMATION:

• M B - C L L 9 0 7 - - 2 4 -

W	White 5500k	*BLANK	10 ft. Flying Leads
R	Red 630nm	T	M12 Quick Disconnect
G	Green 530nm	ILD	In Line Dimmer
B	Blue 470 nm	ILS	In Line Strobe (customer provide trigger info)
IRL	Infrared 880nm		
UVL	(long) 395nm		
UVS	(short) 365nm		



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Wiring Diagram

Flying Leads	Function
WHITE	0-10VDC
GREEN	Signal Ground

24 AWG 2 WIRES CABLE X 1

When not using intensity control, connect 0-10V control line to +24 (Max Intensity Control = 25V) and intensity control ground to ground

Wiring Diagram

Flying Leads	Function
WHITE / RED	0-10VDC
GREEN / BLACK	Ground

16 AWG 4 WIRES CABLE X 1

When not using intensity control, connect 0-10V control line to +24 (Max Intensity Control = 25V) and intensity control ground to ground

Active Area

.55" - 2" @ 1ft - 7ft
13.97mm - 50.8mm @ 0.3m - 2.1m

Dimensions

Length- 41.34in / 1050mm
Width- 1.57in / 39.9mm
Height- 4.44in / 112.8mm

Drawing/Diagram

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	SHEET 4, .63 WAS .65, KW	4/18/2011	

