

MetaBright™ Collimated Line Light

Model#: MB-CLL206



- MetaBright™ Collimated Line Lights are available in 5" length.
- This MetaBright™ line light produces extremely high brightness and uniform line across the 5" 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
MB-CLL206-W-24	White 6000 K	24 volt power supply available upon request.
MB-CLL206-R-24	Red 630nm	
MB-CLL206-B-24	Blue 470nm	
MB-CLL206-G-24	Green 530nm	
MB-CLL206-IRN-24	Infrared 850nm	
MB-CLL206-IRL-24	Infrared 880nm	
MB-CLL206-UVL-24	UV 395nm	
MB-CLL206-UVS-24	UV 365nm	

Specifications:	
Current Consumption	1.1 amps @24VDC
Finish	Powder Coated Black
Intensity Uniformity	+/-5%
Weight	1.87 lbs
Operating Temperature	120° F Max
Illuminance	1.6 Million Lux
Compliance	CE/RoHS
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.

Active Area	Dimensions
Length: 5in / 127mm	Length: 5.89in / 149.6mm
Width: .94in / 24mm	Width: 1.57in / 39.9mm
	Height: 4.44in / 112.7mm

ORDERING INFORMATION:

• M B - C L L 2 0 6 - - 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		

Vision Light Tech B.V.

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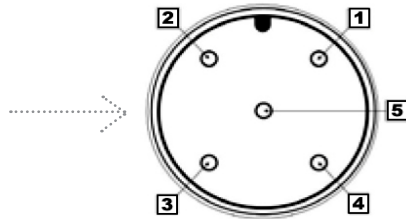
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Wiring Diagram

M12 Connector

PIN #	Function
1	+24VDC
2	0-10VDC Intensity Control
3	Ground
4	Signal Ground



Flying Leads	Function
RED	+24VDC
BLACK	Ground
WHITE	0-10VDC
GREEN	Ground

24 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

Drawing/Diagram

REVISIONS

ZONE	REV.	DESCRIPTION	DATE	APPROVED

ELECTRICAL CABLE, 10 FT LG (4) CONDUCTOR, 22 AWG WITH FLYING LEADWIRE ENDS.

CLL506-10, TOP/BOTTOM PLATE

MB-LL206-1, HEATSINK

CLL206-20, END CAP

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UNLESS OTHERWISE SPECIFIED:	NAME	DATE
DIMENSIONS ARE IN INCHES	DRAWN	KW
TOLERANCES:	CHECKED	8/17/2012
FRACTIONAL: ±.004	ENG APPR:	
ANGULAR: MACH 1/2° BEND ±.05	MFG APPR:	
TWO PLACE DECIMAL ±.01	Q.A. COMMENTS:	
THREE PLACE DECIMAL ±.005		
INTERPRET GEOMETRIC TOLERANCING PER:		
MATERIAL:		
FINISH:		

APPLICATION	USED ON

SIZE	DWG. NO.	REV
B	CLL206	

SCALE	WEIGHT	SHEET
1:2		1 OF 1

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