

MetaBright™ Linear Backlight

Model#: MB-LBL211



- Configurable for various wavelengths
- Stable, flicker-free illumination with instant-start operation
- 35 SMT array LED providing maximum intensity area with +/- 0.5% uniformity
- High Density Precision Chips Technology (HDPCT)
- Patent-pending thermal management design draws heat directly from the die ensuring long life

Active Area Dimensions

1.2 in x 8 in 2.5 x 8.8 x 0.70 in
30.48mm x 203.2mm 63.5mm x 223.52mm x 17.78mm

Part # Color

MB-LBL211-W-24	White 6000 K
MB-LBL211-R-24	Red 630nm
MB-LBL211-B-24	Blue 455nm
MB-LBL211-G-24	Green 530nm
MB-LBL211-IRN-24	Infrared 850nm
MB-LBL211-IRL-24	Infrared 880nm
MB-LBL211-UVL-24	UV 395nm
MB-LBL211-UVS-24	UV 365nm

Wiring Diagram

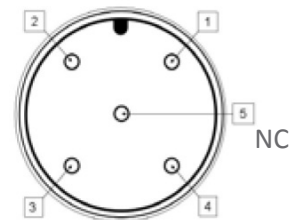
Flying Leads	Function
RED	+24VDC
BLACK	Ground

Specifications:

Current Consumption	RED: 0.4A W/G/B: 0.6A
Housing	Aluminum
Casing	Stainless Steel
Finish	Powder Coated Black
Intensity Uniformity	+/-5%
Operating Temperature	120° F Max
Illuminance	36,000 Lux
Compliance	CE/RoHS
Lifetime Hours	75,000 Hours

M12 Connector

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



ORDERING INFORMATION:

• M B - L B L 2 1 1 - - 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 455 nm	ILS	In Line Strobe (customer provide trigger info)
IRL	Infrared 880nm		
UVL	(long) 395nm		
UVS	(short) 365nm		

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Drawing/Diagram

