

# 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

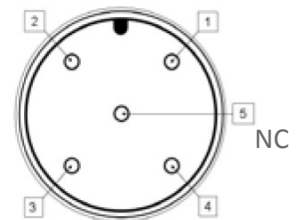
Flying Leads	Function
RED	+24VDC
BLACK	Ground

## 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   -  

<b>W</b>	White 5500k	<b>*BLANK</b>	10 ft. Flying Leads
<b>R</b>	Red 630nm	<b>T</b>	M12 Quick Disconnect
<b>G</b>	Green 530nm	<b>ILD</b>	In Line Dimmer
<b>B</b>	Blue 455 nm	<b>ILS</b>	In Line Strobe (customer provide trigger info)
<b>IRL</b>	Infrared 880nm		
<b>UVL</b>	(long) 395nm		

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## Drawing/Diagram

