

MetaBright™ Linear Backlight

Model#: MB-LBL202



- 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 Tehcnology (HDPCT)
- Patent-pending thermal management design draws heat directly from the die ensuring long life

Active Area Dimensions

1.2 in x 6 in 2.5 x 8.22 x 0.71 in
 30.48mm x 152.4mm 63.5mm x 208.7mm x 18mm

Part # Color

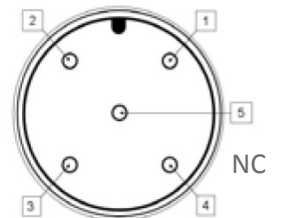
| | |
|------------------|----------------|
| MB-LBL202-W-24 | White 6000 K |
| MB-LBL202-R-24 | Red 630nm |
| MB-LBL202-B-24 | Blue 455nm |
| MB-LBL202-G-24 | Green 530nm |
| MB-LBL202-IRN-24 | Infrared 850nm |
| MB-LBL202-IRL-24 | Infrared 880nm |
| MB-LBL202-UVL-24 | UV 395nm |
| MB-LBL202-UVS-24 | UV 365nm |

Specifications:

| | |
|-----------------------|--------------------------|
| Current Consumption | RED: 0.4A W/B/G: 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 |
| 3 | Ground |



Wiring Diagram

| Flying Leads | Function |
|--------------|----------|
| RED | +24VDC |
| BLACK | Ground |

ORDERING INFORMATION:

• M B - L B L 2 0 2 - □ - 2 4 - □

W White 5500k
R Red 630nm
G Green 530nm
B Blue 455 nm
IRL Infrared 880nm
UVL (long) 395nm
UVS (short) 365nm

***BLANK** 10 ft. Flying Leads
T M12 Quick Disconnect
ILD In Line Dimmer
ILS In Line Strobe (customer provide trigger info)



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Drawing/Diagram

