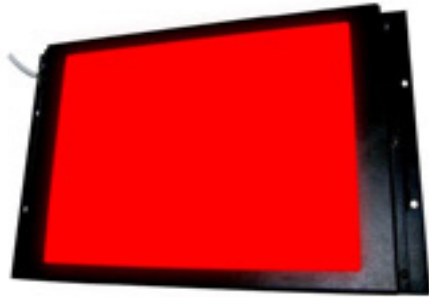


# MetaBright™ Area Backlight

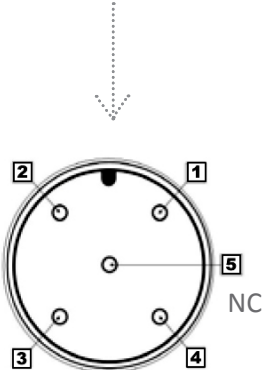
Model#: MB-BL15X15



- Up to 50 SMD LED's per inch array makes our backlights the brightest most stable backlights in the industry
- Exclusive optical lens producing even (+/- 5%), shadow-free illumination
- High Density Precision Chip technology
- Patent-pending thermal management design draws heat directly from the die ensuring long life
- Stable, flicker-free illumination with instant-start operation

| Wiring Diagram |               | M12 Connector |          | Specifications:       |                     |
|----------------|---------------|---------------|----------|-----------------------|---------------------|
| Flying Leads   | Function      | PIN #         | Function | Current Consumption   | 4 ~ 6 Amp @ 24Vdc   |
| RED            | +24VDC        | 1             | +24VDC   | Housing               | Aluminum            |
| BLACK          | Ground        | 3             | Ground   | Finish                | Powder Coated Black |
| WHITE          | 0~10V         |               |          | Intensity Uniformity  | +/-5%               |
| GREEN          | Signal Ground |               |          | Illuminance           | 60,000 Lux          |
|                |               |               |          | Operating Temperature | 120° F Max          |
|                |               |               |          | Compliance            | CE/RoHS             |
|                |               |               |          | Lifetime Hours        | 75,000 Hours        |



| Active Area                    | Dimensions  |
|--------------------------------|---|
| 15 in x 15 in<br>318mm x 381mm | 18in x 17.9in x 0.81 in<br>457.2mm x 454.6mm x 20mm |

## ORDERING INFORMATION:

• M B - B L 1 5 X 1 5 -  - 2 4 -

|   |   |   |
|---|---|---|
| <b>W</b> White 6000k<br><b>R</b> Red 630nm<br><b>G</b> Green 530nm<br><b>B</b> Blue 455 nm<br><b>IR</b> Infrared 880nm<br><b>UVL</b> (long) 395nm<br><b>UVS</b> (short) 365nm | <b>*BLANK</b><br><b>T</b><br><b>ILD</b><br><b>ILS</b> | 10 ft. Flying Leads<br>M12 Quick Disconnect<br>In Line Dimmer<br>In Line Strobe (customer provide trigger info) |
|---|---|---|



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Contact us:

Contact your Metaphase Technologies Representative for options including: Diffuser Choice, Polarizer & Light Control Film, Specific Intensity & Uniformity, & Wavelength.

