

MetaBright™ Area Backlight

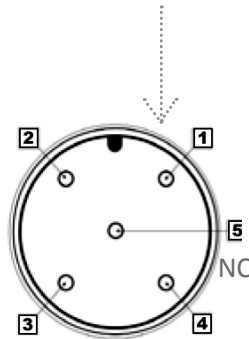
Model#: MB-BL12X12



- 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 | 3.5 ~ 5 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 | 38,000 Lux |
| | | | | Operating Temperature | 120° F Max |
| | | | | Compliance | CE/RoHS |
| | | | | Lifetime Hours | 75,000 Hours |

| Active Area | Dimensions |
|----------------------------------|--|
| 12in x 12in 304.8mm x 304.8mm | 15in x 14.25in x 0.87in 381mm x 361.95mm x 22mm |



ORDERING INFORMATION:

• M B - B L 1 2 X 1 2 - - 2 4 -

| | | | |
|------------|----------------|---------------|--|
| W | White 6000k | *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) |
| IR | Infrared 880nm | | |
| UVL | (long) 395nm | | |
| UVS | (short) 365nm | | |



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Contact us:

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

Drawing/Diagram

