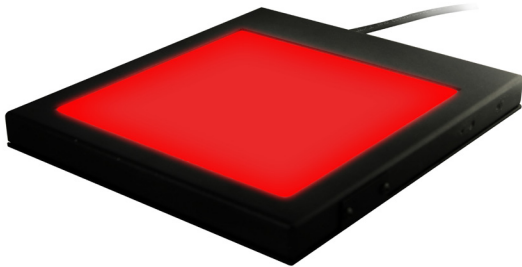




MetaBright™ Area Backlight

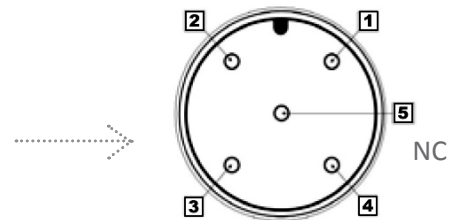
Model#: MB-BL410



- 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

| Active Area | Dimensions | Specifications: | |
|----------------------------|---|-----------------------|---------------------|
| 5in x 5in 127mm x 127mm | 7.25in x 6.16in x 0.79in 181.25mm x 156.46mm x 19.75mm | Current Consumption | 0.5 ~ 1Amp @ 24Vdc |
| | | Housing | Aluminum |
| | | Finish | Powder Coated Black |
| | | Intensity Uniformity | +/-5% |
| | | Operating Temperature | 120° F Max |
| | | Illuminance | 42,000 Lux |
| | | Compliance | CE/RoHS |
| | | Lifetime Hours | 75,000 Hours |

| Wiring Diagram | | M12 Connector | |
|----------------|----------|---------------|----------|
| Flying Leads | Function | PIN # | Function |
| RED | +24VDC | 1 | +24VDC |
| BLACK | Ground | 3 | Ground |



ORDERING INFORMATION:

| | | | | | |
|-------------------|---|--------------------------|----------------|--------------------------|--|
| • M B - B L 4 1 0 | - | <input type="checkbox"/> | - 2 4 - | <input type="checkbox"/> | |
| | | 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 | | |



MetaBright™ Area Backlight

Model#: MB-BL410

| | Wavelength (nanometers) |
|------------|----------------------------|
| White (°K) | 5500-6500°K |
| Blue | 464-485 |
| Green | 520-535 |
| Red | 620-630 |
| IRN | 880 |
| UVL | 395 |
| UVS | 365 |

Contact us:

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

Drawing/Diagram

