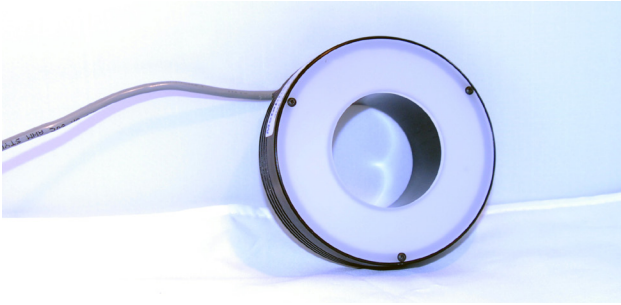




MetaBright™ Ringlight

Model#: MB-RL101



- Configurable for various wavelengths including IR, UV, RGB
- Continuous, Dimming, and Strobbing controllability modes
- Homogenous light output
- Brightfield and Darkfield illumination
- One-piece machined aluminum housings
- Thermal potting assures long life performance in rugged environments. (DC)

| Part # | Color | Power Supply | Specifications: | |
|--|----------------|--|-----------------------|---------------------|
| MB-RL101-W-24 | White 6000 K | 24 volt power supply available upon request. | Current Consumption | 0.2A |
| MB-RL101-R-24 | Red 630nm | | Finish | Powder Coated Black |
| MB-RL101-B-24 | Blue 455nm | | Intensity Uniformity | +/-5% |
| MB-RL101-G-24 | Green 530nm | | Weight | .22kg |
| MB-RL101-IRN-24 | Infrared 850nm | | Operating Temperature | 120° F Max |
| MB-RL101-IRL-24 | Infrared 880nm | | Compliance | CE/RoHS |
| <p>10 ft. flying leads come standard on all products. Light features built-in constant current driver. No expensive controller required.</p> | | | Lifetime Hours | 75,000 Hours |

Contact Us:

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

ORDERING INFORMATION:

• M B - R L 1 0 1 - - 2 4 -

| | | | |
|------------|----------------|---------------|--|
| W | White 5500k | *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) |
| IRL | Infrared 880nm | | |
| UVL | (long) 395nm | | |
| UVS | (short) 365nm | | |



MetaBright™ Ring Light

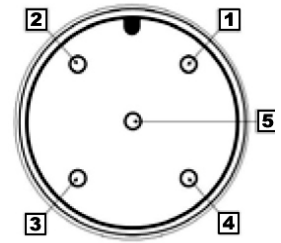
Model#: MB-RL101

Wiring Diagram

| Flying Leads | Function |
|--------------|----------|
| RED | +24VDC |
| BLACK | Ground |
| WHITE | 0~10V |
| GREEN | Ground |

M12 Connector

| PIN # | Function |
|-------|--------------------|
| 1 | +24VDC |
| 2 | Falling E. Trigger |
| 3 | Ground |
| 4 | Trigger Ground |



Drawing/Diagram

| REVISIONS | | | | |
|-----------|------|-------------------------|-----------|----------|
| ZONE | REV. | DESCRIPTION | DATE | APPROVED |
| | A | REVISED AND REDRAWN, KW | 1/17/2011 | |

NOTES: UNLESS OTHERWISE SPECIFIED

- FOR MODELS RL101-X-12/24: COMES WITH 10 FT ELECTRICAL CABLE WITH 1" FLYING LEADWIRES.
- FOR MODELS RL101-X: CABLE MUST BE ORDERED SEPARATLY, PART# PC-9-10.

| | | | | | |
|---|--|--|------------------------------------|------------|------------------------------|
| <small>PROPRIETARY AND CONFIDENTIAL</small> THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED. | | UNLESS OTHERWISE SPECIFIED: | NAME | DATE | METAPHASE TECHNOLOGIES, INC. |
| | | DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONALS ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ± | DRAWN | KW | |
| NEXT ASSY | | USED ON | FINISH | TITLE: | |
| APPLICATION | | DO NOT SCALE DRAWING | RING LIGHT 101 (3 INCH, 76.2MM) | | |
| | | | | SIZE | DWG. NO. |
| | | | | B | RL101 (A) |
| | | | | SCALE: 1:4 | WEIGHT: |
| | | | | | SHEET 1 OF 1 |
| | | | | REV | A |