

MetaBright™ Round Area Front Light

Model#: RAL201



- THE LOWEST COST SIMPLEST LED LIGHTING AVAILABLE FOR STANDARD INTENSITY FRONT LIGHTING
- AVAILABLE IN 3 DIFFERENT DIAMETERS TO SERVE VIRTUALLY ANY WORK SPACE PROVEN DESIGN WITH THOUSANDS OF INSTALLATIONS AROUND THE WORLD
- SOLID ONE-PIECE MACHINED ALUMINUM HOUSINGS AND THERMAL POTTING ASSURES LONG LIFE PERFORMANCE EVEN IN RUGGED ENVIRONMENTS
- SHOCK AND VIBRATION RESISTANT

| Part # | Color | Power Supply |
|---------------|----------------|--|
| RAL201-W-24 | White 6000 K | 24 volt power supply available upon request. |
| RAL201-R-24 | Red 630nm | |
| RAL201-B-24 | Blue 455nm | |
| RAL201-G-24 | Green 530nm | |
| RAL201-IRN-24 | Infrared 850nm | |
| RAL201-IRL-24 | Infrared 880nm | |
| RAL201-UVL-24 | UV 395nm | |
| RAL201-UVS-24 | UV 365nm | |

Specifications:

| | |
|-----------------------|----------------|
| Current Consumption | 1.8A |
| Finish | Black Anodized |
| Intensity Uniformity | +/-5% |
| Operating Temperature | 120° F Max |
| Illuminance | 118,000 Lux |
| Compliance | CE/RoHS |
| Lifetime Hours | 75w,000 Hours |

10 ft. flying leads come standard on all products.
Light features built-in constant current driver.
No expensive controller required.

| Active Area | Dimensions |
|------------------------|-----------------------------------|
| 2.1 in O.D. 53.34mm | 38.10mm x 53.9mm 1.5in x 2.1in |

ORDERING INFORMATION:

• R A L 2 0 1 - ☐ - 2 4 - ☐

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

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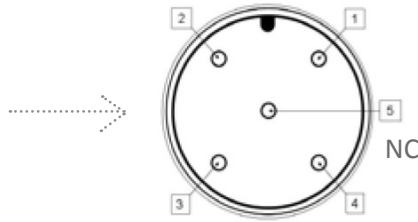
10 ft. Flying Leads
M12 Quick Disconnect
In Line Dimmer
In Line Strobe (customer provide trigger info)

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M12 Connector

| PIN # | Function |
|-------|---------------------------|
| 1 | +24VDC |
| 2 | 0-10VDC Intensity Control |
| 3 | Ground |
| 4 | Signal Ground |



Wiring Diagram

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

24 AWG 4 WIRES CABLE X 1

When not using intensity control, connect 0-10V control line to +24 (Max Intensity Control = 25V) and intensity control ground to ground

Drawing/Diagram

