

LEDRR70X70-78587 Ring Light

High-Intensity LED Ring Light For Use With



Features

- Integrates directly to Fanuc Robotics IRVision
- Compact ring light includes bracket that directly mounts to a SONY XC-56 camera
- Four extremely bright LEDs for illumination of targets beyond 2 meters
- Continuous or strobed operation
- Dual intensity control: pot and analog wire
- Maintenance-free, rugged construction

Wiring Table

Ring Light Wire	External Power Supply
Brown	+24V dc
Blue	dc common
White	+24V dc (strobe)
Black	dc common (strobe)
Gray	0–10V dc Intensity control

Specifications

Light Source	Four visible red (627 nm) high-intensity LEDs
Illumination	610 mm (24") diameter usable light pattern at 1 m
Strobe	Optically isolated; active low
Supply Voltage and Current	Operating Voltage: 24V dc \pm 10% Strobe Voltage: 5–24V dc @ 10 mA maximum Current Draw at Full Intensity: 350 mA max Intensity Control Voltage: 0–10V dc Built-in constant current regulator for LEDs
Dual Intensity Control	Potentiometer and analog wire: pot controls maximum intensity; analog wire controls intensity from maximum brightness (0V dc) to dark (10V dc) @ 10 mA max
Connections	200 mm (8") integral pigtail with 5-pin male Euro-style connector
Construction	Enclosure rating: IP50 Housing: aluminum, black anodized Window: acrylic, clear with frosted diffusing surface on inside Bracket: CR steel, black. Attaches ring light directly to camera with 2 screws (included with light)
Useful Life	50,000 hours (LED ON time). When operated within specifications, output will decrease less than 30% after 50,000 hours
Operating Conditions	Temperature: 0° to +50° C (+32° to 122° F) Relative humidity: 90% (non-condensing)
Certification	CE



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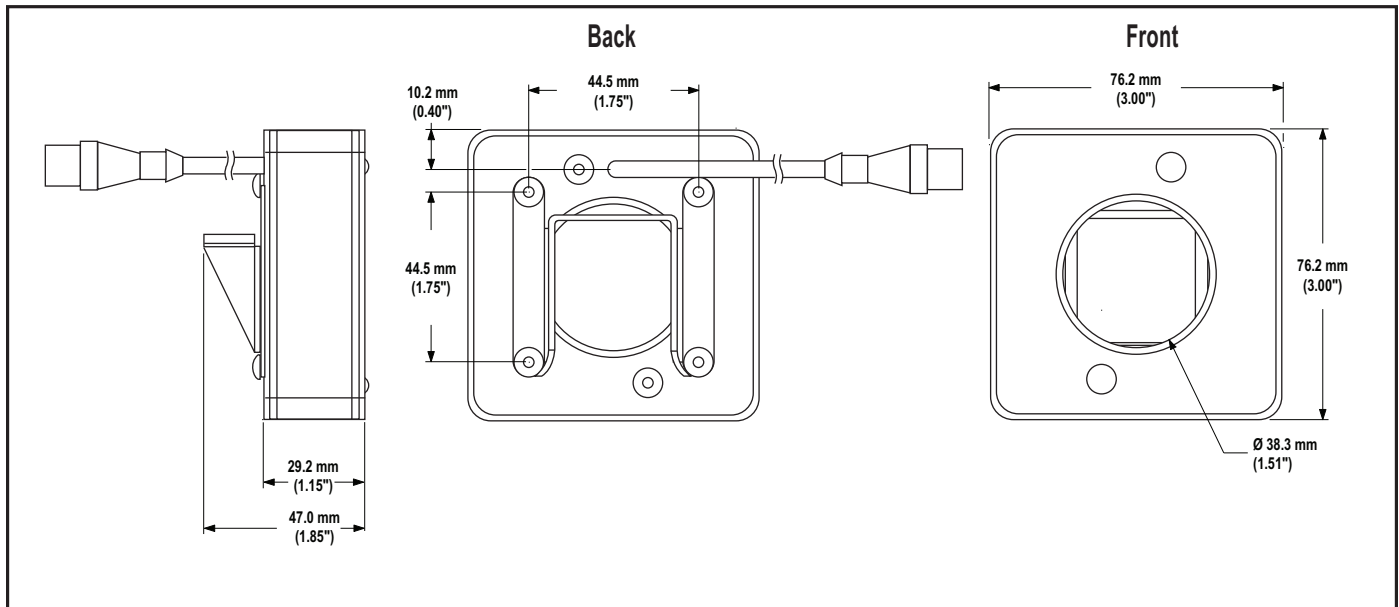


Figure 1. Ring light dimensions



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