

# MetaLight™ 2 - Ring Off-Axis Ring Light

Model#: DOARL101



- Horizontal Plane of Light
- Useful for Highlighting Surface Defects
- Illuminates Specular Surfaces
- Configurable for Wavelength
- Economical, High Power
- Additional Ring at larger incident angle for flexible illumination

Part #	Color	Power Supply
DOARL101-W-24	White 5500K	24 volt power supply available upon request.
DOARL101-R-24	Red 630nm	
DOARL101-B-24	Blue 455nm	
DOARL101-G-24	Green 530nm	
DOARL101-IRN-24	Infrared 850nm	
DOARL101-IRL-24	Infrared 880nm	
DOARL101-UVL-24	UV 395nm	
DOARL101-UVS-24	UV 365nm	

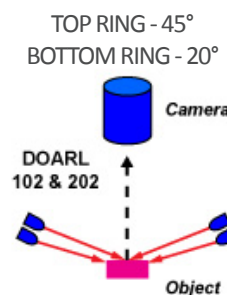
10 ft. flying leads come standard on all products.  
Light features built-in constant current driver.  
No expensive controller required.

### Specifications:

Current Consumption	0.25A
Individual Ring Draw	0.125A
Housing	Anodized Aluminum
Intensity Uniformity	+/-5%
Operating Temperature	120° F Max
Compliance	CE/RoHS
Lifetime Hours	75,000 Hours

Active Area		Dimensions
Ø2in Aperture	L:	5in / 127mm
Ø50.8mm Aperture	W:	5in / 127mm
	H:	1.44in / 36.5mm

## Angle of LED Rings



## ORDERING INFORMATION:

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

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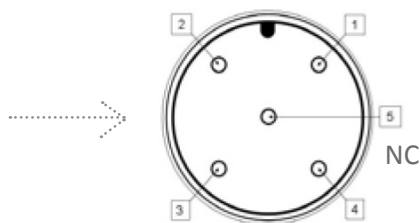
10 ft. Flying Leads  
M12 Quick Disconnect  
In Line Dimmer  
In Line Strobe (customer provide trigger info)

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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	+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

