

MetaLight™ 1- Ring Off-Axis Ring Light

Model#: OARL401



- Horizontal Plane of Light
- Useful for Highlighting Surface Defects
- Illuminates Specular Surfaces
- Configurable for Wavelength
- Economical

Part #	Color	Power Supply
OARL401-W-24	White 5500K	24 volt power supply available upon request.
OARL401-R-24	Red 630nm	
OARL401-B-24	Blue 455nm	
OARL401-G-24	Green 530nm	
OARL401-IRN-24	Infrared 850nm	
OARL401-IRL-24	Infrared 880nm	
OARL401-UVL-24	UV 395nm	
OARL401-UVS-24	UV 365nm	

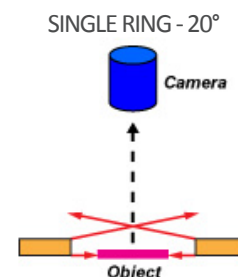
10 ft. flying leads come standard on all products.
Light features built-in constant current driver.
No expensive controller required.

Specifications:

Current Consumption	0.4A
Housing	Aluminum
Finish	Black Anodized
Intensity Uniformity	+/-5%
Operating Temperature	120° F Max
Illuminance	12,000 Lux
Compliance	CE/RoHS
Lifetime Hours	75,000 Hours

Active Area	Dimensions
Ø8in Aperture	L: 11in / 279.4mm
Ø203.2mm Aperture	W: 11in / 279.4mm
	H: 0.58in / 14.8mm

Angle of LED Rings



ORDERING INFORMATION:

• O A R L 4 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

***BLANK**
T
ILD
ILS

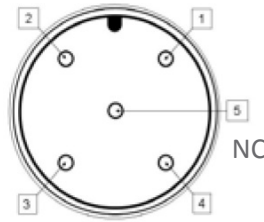
10 ft. Flying Leads
M12 Quick Disconnect
In Line Dimmer
In Line Strobe (customer provide trigger info)

MetaLight™ 1-Ring Off-Axis Front Light

Model#: OARL401

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

