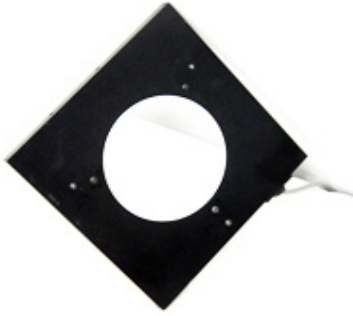


MetaLight™ 1- Ring Off-Axis Ring Light

Model#: OARL241

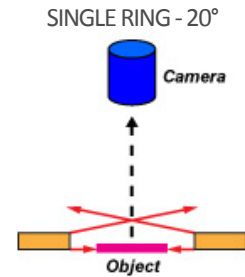


- Horizontal Plane of Light
- Useful for Highlighting Surface Defects
- Illuminates Specular Surfaces
- Configurable for Wavelength
- Economical

Part #	Color	Power Supply	Specifications:	
OARL241-W-24	White 5500K	24 volt power supply available upon request.	Current Consumption	0.2A
OARL241-R-24	Red 630nm		Housing	Aluminum
OARL241-B-24	Blue 455nm		Finish	Black Anodized
OARL241-G-24	Green 530nm		Intensity Uniformity	+/-5%
OARL241-IRN-24	Infrared 850nm		Operating Temperature	120° F Max
OARL241-IRL-24	Infrared 880nm		Illuminance	12,000 Lux
OARL241-UVL-24	UV 395nm		Compliance	CE/RoHS
OARL241-UVS-24	UV 365nm		Lifetime Hours	75,000 Hours

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

Angle of LED Rings

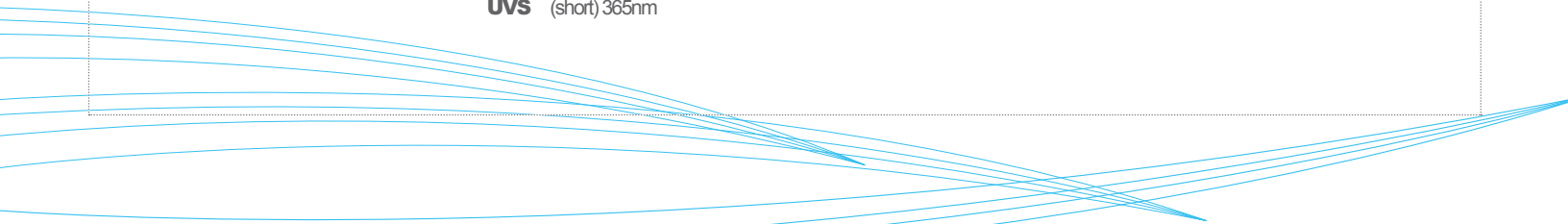


Active Area	Dimensions
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Ø4in Aperture	L: 7in / 177.8mm
Ø101.6mm Aperture	W: 7in / 177.8mm
	H: 0.56in / 14.22mm

ORDERING INFORMATION:

• O A R L 2 4 1	-	<input type="checkbox"/>	- 2 4 -	<input type="checkbox"/>	
W				*BLANK	10 ft. Flying Leads
R				T	M12 Quick Disconnect
G				ILD	In Line Dimmer
B				ILS	In Line Strobe (customer provide trigger info)
IRL					
UVL					
UVS					



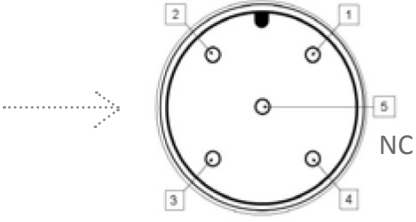
MetaLight™ 1-Ring Off-Axis Front Light Model#: OARL241

Wiring Diagram

Flying Leads	Function
RED	+24VDC
BLACK	Ground
WHITE	+24VDC
GREEN	Ground

M12 Connector

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	B	REVISED AND REDRAWN, KW	1/21/2011	
	C	ADDED USED ON ASSEMBLIES, KW	4/24/2012	

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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	NAME	DATE	METAPHASE TECHNOLOGIES, INC.
DRAWN		TITLE:	
CHECKED		RING LIGHT, OFF AXIS 4 INCH (101.6) DIA. ^(B)	
ENG APPR.		SIZE DWG. NO. REV	
MFG APPR.		B OARL201 C	SCALE: 1:2 WEIGHT: SHEET 1 OF 1
G.A.			
COMMENTS:			