

MetaLight™ 1- Ring Off-Axis Ring Light

Model#: OARL201



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

Part #	Color	Power Supply
OARL201-W-24	White 5500K	24 volt power supply available upon request.
OARL201-R-24	Red 630nm	
OARL201-B-24	Blue 455nm	
OARL201-G-24	Green 530nm	
OARL201-IRN-24	Infrared 850nm	
OARL201-IRL-24	Infrared 880nm	
OARL201-UVL-24	UV 395nm	
OARL201-UVS-24	UV 365nm	

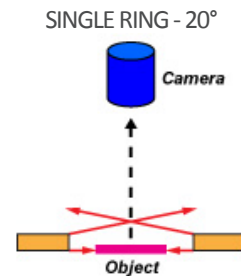
Specifications:

Current Consumption	0.2A
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

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

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

Angle of LED Rings



ORDERING INFORMATION:

• O A R L 2 0 1	-	<input type="checkbox"/>	- 2 4 -	<input type="checkbox"/>	
W		White 5500k		*BLANK	10 ft. Flying Leads
R		Red 630nm		T	M12 Quick Disconnect
G		Green 530nm		ILD	In Line Dimmer
B		Blue 455 nm		ILS	In Line Strobe (customer provide trigger info)
IRL		Infrared 880nm			
UVL		(long) 395nm			
UVS		(short) 365nm			

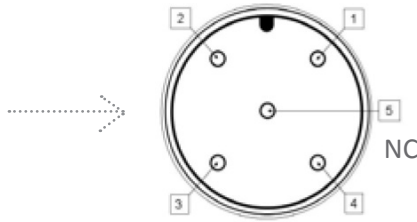
MetaLight™ 1-Ring Off-Axis Front Light Model#: OARL201

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

#8-32 UNC X .23 DP.
(2) PLACES BOTH SIDES
(4) HOLES TOTAL

7.00 [177.8]

.56 [14.2]

7.00 [177.8]

.25 [6.4]

2.00 [50.8]

2.00 [50.8]

Ø 4.00 [101.6] THRU

Ø 4.50 [114.3] (FARSIDE)

3.50 [88.9]

3.50 [88.9]

10 FT. CABLE WITH FLYING LEADS.

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

UNLESS OTHERWISE SPECIFIED:	NAME	DATE	METAPHASE TECHNOLOGIES, INC.
DIMENSIONS ARE IN INCHES	DRAWN		
TOLERANCES:	CHECKED		
FRACTIONAL ±	ENG APPR.		
ANGULAR: MACH ±	MFG APPR.		
TWO PLACE DECIMAL ±			
THREE PLACE DECIMAL ±			
INTERPRET GEOMETRIC TOLERANCING PER:	G.A.		
MATERIAL	COMMENTS:		

PROPRIETARY AND CONFIDENTIAL	© OARL241	FINISH	SIZE DWG. NO.	REV
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF	© OARL221	APPLICATION	B OARL201	C
©ROBERT COMPANY NAME HERE. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF	NEXT ASSY	USED ON	SCALE: 1:2	WEIGHT:
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