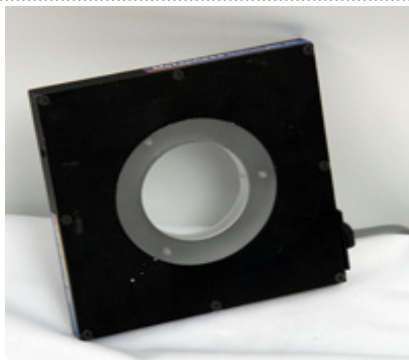


MetaLight™ 1- Ring Off-Axis Ring Light

Model#: OARL101

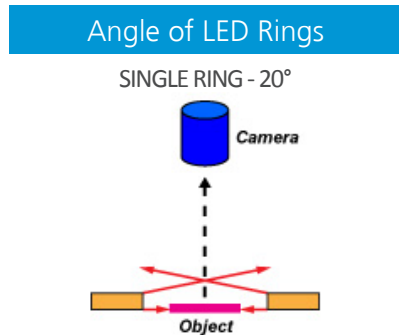


- Horizontal Plane of Light
- Useful for Highlighting Surface Defects
- Illuminates Specular Surfaces
- Configurable for Wavelength
- Economical

Part #	Color	Power Supply	Specifications:
OARL101-W-24	White 5500K	24 volt power supply available upon request.	Current Consumption 0.2A
OARL101-R-24	Red 630nm		Housing Aluminum
OARL101-B-24	Blue 455nm		Finish Black Anodized
OARL101-G-24	Green 530nm		Intensity Uniformity +/-5%
OARL101-IRN-24	Infrared 850nm		Operating Temperature 120° F Max
OARL101-IRL-24	Infrared 880nm		Compliance CE/RoHS
OARL101-UVL-24	UV 395nm		Lifetime Hours 75,000 Hours
OARL101-UVS-24	UV 365nm		

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

Active Area	Dimensions
∅2in Aperture ∅50.8mm Aperture	L: 5in / 127mm W: 5in / 127mm H: 0.56in / 14.22mm



ORDERING INFORMATION:

• O A R L 1 0 1 - - 2 4 -

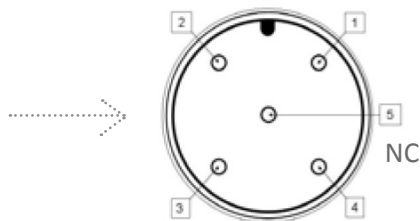
W	White 5500k	*BLANK	10 ft. Flying Leads
R	Red 630nm	T	M12 Quick Disconnect
G	Green 530nm	ILD	In Line Dimmer
B	Blue 455 nm	ILS	In Line Strobe (customer provide trigger info)
IRL	Infrared 880nm		
UVL	(long) 395nm		
UVS	(short) 365nm		

MetaLight™ 1-Ring Off-Axis Front Light

Model#: OARL101

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	RELEASED	7/9/2009	

<p>UNLESS OTHERWISE SPECIFIED:</p> <p>DIMENSIONS ARE IN MM (INCHES)</p> <p>TOLERANCES:</p> <p>FRACTIONALS: ±</p> <p>ANGULAR MATCH: ± BEND ±</p> <p>TWO PLACE DECIMAL: ±</p> <p>THREE PLACE DECIMAL: ±</p>		NAME	DATE	<p>Metaphase Technologies, Inc.</p> <p>TITLE:</p> <p>Off-Axis Ring Light Dia. 2"</p>
		DRAWN	Sherwin Li	
<p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF METAPHASE TECHNOLOGIES, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF METAPHASE TECHNOLOGIES, INC. IS PROHIBITED.</p>		ENG. APPR.		<p>SIZE DWG. NO.</p> <p>B OARL 101</p>
		MFG. APPR.		
<p>INTERPRET GEOMETRIC TOLERANCING PER:</p> <p>MATERIAL:</p> <p>FINISH:</p>		Q.A.		<p>SCALE: 1:2</p> <p>WEIGHT:</p> <p>SHEET 1 OF 1</p>
		COMMENTS:		
NEXT ASSY	USED ON	APPLICATION	DO NOT SCALE DRAWING	



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