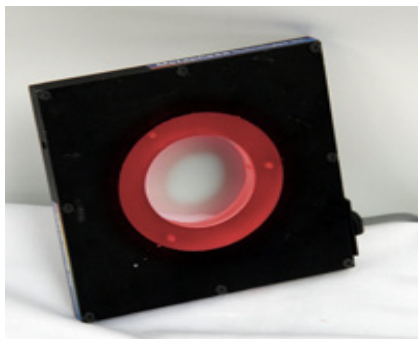


MetaLight™ 1- Ring Off-Axis Ring Light

Model#: OARL050



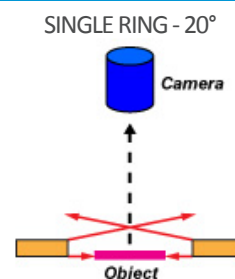
- Horizontal Plane of Light
- Useful for Highlighting Surface Defects
- Illuminates Specular Surfaces
- Configurable for Wavelength
- Economical

Part #	Color	Power Supply	Specifications:	
OARL050-W-24	White 5500K	24 volt power supply available upon request.	Current Consumption	0.17A
OARL050-R-24	Red 630nm		Housing	Aluminum
OARL050-B-24	Blue 455nm		Finish	Black Anodized
OARL050-G-24	Green 530nm		Intensity Uniformity	+/-5%
OARL050-IRN-24	Infrared 850nm		Operating Temperature	120° F Max
OARL050-IRL-24	Infrared 880nm		Compliance	CE/RoHS
OARL050-UVL-24	UV 395nm		Lifetime Hours	75,000 Hours
OARL050-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
∅1in Aperture	L: 3in / 76.2mm
∅25.4mm Aperture	W: 3in / 76.2mm
	H: 0.56in / 15.39mm

Angle of LED Rings



ORDERING INFORMATION:

• O A R L 0 5 0 - - 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		

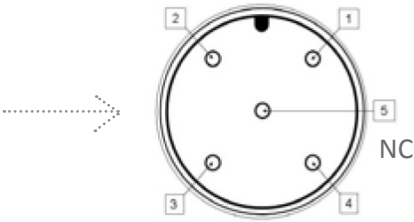
MetaLight™ 1-Ring Off-Axis Front Light

Model#: OARL050

Wiring Diagram

M12 Connector

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



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

#8-32 UNC X 5/16 DP
(2) PLACES, (2) SIDES
(4) HOLES TOTAL

ELECTRICAL CABLE
(4) CONDUCTOR, 22 AWG
10 FT LONG WITH FLYING LEADWIRE ENDS.

Ø 1.00
[25.40]
APERTURE

Pyramid Imaging
945 East 11th Avenue Tampa, FL 33605
sales@pyramidimaging.com
www.pyramidimaging.com
813-786-3785

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	METAPHASE TECHNOLOGIES, INC.
DRAWN	KW	8-23-11		TITLE:
CHECKED				OFF AXIS RING LIGHT, 1 INCH
ENG APPR.				
MFG APPR.				
G.A.				
COMMENTS:				
SIZE	DWG. NO.	REV		
B	OARL050			
SCALE: 1:1	WEIGHT:			SHEET 1 OF 1