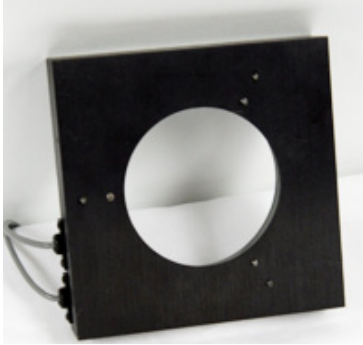


# MetaLight™ 2 - Ring Off-Axis Ring Light

Model#: DOARL202



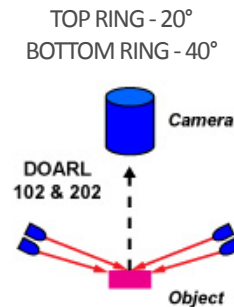
- Horizontal Plane of Light
- Useful for Highlighting Surface Defects
- Illuminates Specular Surfaces
- Configurable for Wavelength
- Economical, High Power
- Additional Ring at larger incident angle for flexible illumination

Part #	Color	Power Supply	Specifications:
DOARL202-W-24	White 5500K	24 volt power supply available upon request.	Current Consumption 0.4A
DOARL202-R-24	Red 630nm		Individual Ring Draw 0.2A
DOARL202-B-24	Blue 455nm		Housing Anodized Aluminum
DOARL202-G-24	Green 530nm		Intensity Uniformity +/-5%
DOARL202-IRN-24	Infrared 850nm		Operating Temperature 120° F Max
DOARL202-IRL-24	Infrared 880nm		Compliance CE/RoHS
DOARL202-UVL-24	UV 395nm		Lifetime Hours 75,000 Hours
DOARL202-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
Ø4in Aperture	L: 7in / 177.8mm
Ø101.6mm Aperture	W: 7in / 177.8mm
	H: 1.44in / 36.5mm

### Angle of LED Rings



## ORDERING INFORMATION:

• D O A R L 2 0 2 -  - 2 4 -

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

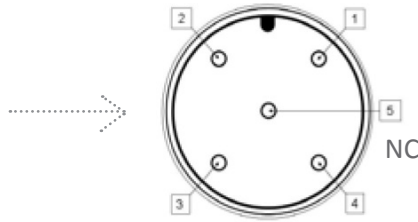
## MetaLight™ 2 - Ring Off-Axis Ring Light Model#: DOARL202

### 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

**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.
DIMENSIONS ARE IN INCHES		DRAWN	KW	4/25/2012
TOLERANCES:		CHECKED		TITLE:
FRACTIONALS 1/64		ENG APPR.		DUAL OFF AXIS RING LIGHT, 4 INCH
ANGULAR: MINUS 1/2° MINUS .01°		MEG APPR.		
TWO PLACE DECIMAL ±.01		Q.A.		
THREE PLACE DECIMAL ±.005		COMMENTS:		
DOARL241	INTERPRET GEOMETRIC TOLERANCING PER:			SIZE DWG. NO.
DOARL221				<b>B</b> DOARL201
DOARL202	MATERIAL			REV
NEXT ASSY	USED ON			
APPLICATION	DO NOT SCALE DRAWING			SCALE: 1:2 WEIGHT: SHEET 1 OF 1

PROPRIETARY AND CONFIDENTIAL  
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 OR CONSENT OF METAPHASE TECHNOLOGIES, INC. IS PROHIBITED.