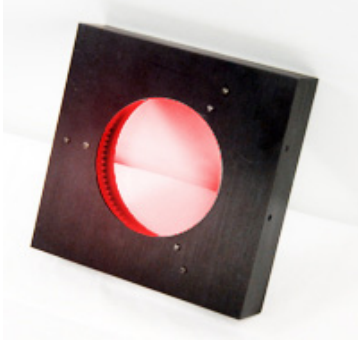


MetaLight™ 2 - Ring Off-Axis Ring Light Model#: DOARL221



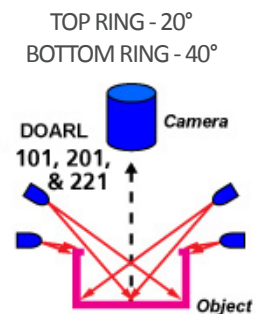
- Dual Ring, 1/2 select Ring Light
- 1/2 select means you can turn on/off ½ of each ring independently
- Horizontal Plane of Light
- Useful for Highlighting Surface Defects
- Illuminates Specular Surfaces
- Configurable for Wavelength
- Economical, High Power
- Additional Ring at larger incident angle for flexible illumination

Part #	Color	Power Supply	Specifications:
DOARL221-W-24	White 5500K	24 volt power supply available upon request.	Current Consumption 0.4A
DOARL221-R-24	Red 630nm		Individual Ring Draw 0.2A
DOARL221-B-24	Blue 455nm		Housing Anodized Aluminum
DOARL221-G-24	Green 530nm		Intensity Uniformity +/-5%
DOARL221-IRN-24	Infrared 850nm		Operating Temperature 120° F Max
DOARL221-IRL-24	Infrared 880nm		Compliance CE/RoHS
DOARL221-UVL-24	UV 395nm		Lifetime Hours 75,000 Hours
DOARL221-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 Ø101.6mm Aperture	L: 7in / 177.8mm W: 7in / 177.8mm H: 1.44in / 36.5mm

Angle of LED Rings



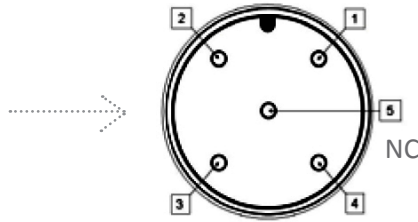
ORDERING INFORMATION:

• DOARL221	-	<input type="checkbox"/>	-	24	-	<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™ 2 - Ring Off-Axis Ring Light Model#: DOARL221

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

ELECTRICAL CABLE, 10 FT LG (4) CONDUCTOR, 22 AWG WITH FLYING LEAD WIRE ENDS

#8-32 UNC X 3/16 DP (4) PLACES

REVISIONS

ZONE	REV.	DESCRIPTION	DATE	APPROVED

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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: 1/64 ANGULAR: MACH 1/2° BEND ±2° TWO PLACE DECIMAL ±.01 THREE PLACE DECIMAL ±.005	NAME: KW DATE: 4/25/2012	METAPHASE TECHNOLOGIES, INC.
DOARL241 DOARL221 DOARL202	CHECKED: ENG APPR: MFG APPR: Q.A. COMMENTS:	TITLE: DUAL OFF AXIS RING LIGHT, 4 INCH
NEXT ASSY: USED ON: APPLICATION:	FINISH: DO NOT SCALE DRAWING	SIZE: DWG. NO. B DOARL221 SCALE: 1:2 WEIGHT: SHEET 1 OF 1