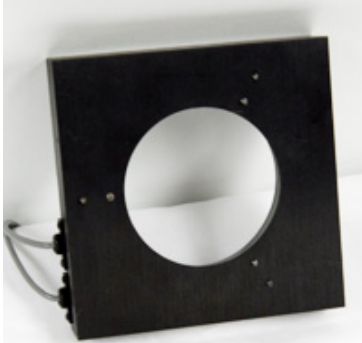


MetaLight™ 2 - Ring Off-Axis Ring Li

Model#: DOARL202



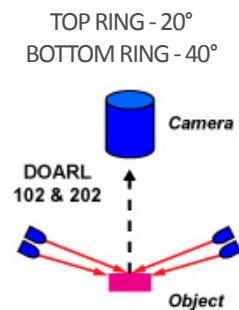
- Horizontal Plane of Light
- Useful for Highlighting Surface Defects
- Illuminates Specular Surfaces
- Configurable for Wavelength
- Economical, High Power
- Additional Ring at larger incident angle for flexible illumination

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 -

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		

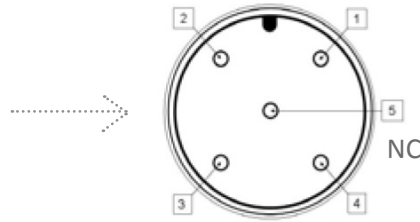


MetaLight™ 2 - Ring Off-Axis Ring

Model#: DOARL202

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

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 1°	MEG APPR.		
TWO PLACE DECIMAL ±.01	Q.A.		
THREE PLACE DECIMAL ±.005	COMMENTS:		
DOARL241	INTERPRET GEOMETRIC TOLERANCING FIRE:		SIZE DWG. NO. REV
DOARL221	MATERIAL:		B DOARL201
DOARL202	FINISH		SCALE: 1:2 WEIGHT: SHEET 1 OF 1
NEXT ASSY	USED ON		
APPLICATION	DO NOT SCALE DRAWING		

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