

MetaLight™ 2 - Ring Off-Axis Ring Light

Model#: DOARL102

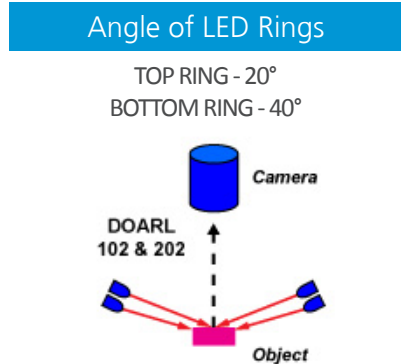


- Horizontal Plane of Light
- Useful for Highlighting Surface Defects
- Illuminates Specular Surfaces
- Configurable for Wavelength
- Economical, High Power
- Additional Ring at larger incident angle for flexible illumination

Part #	Color	Power Supply	Specifications:
DOARL102-W-24	White 5500K	24 volt power supply available upon request.	Current Consumption 0.25A
DOARL102-R-24	Red 630nm		Individual Ring Draw 0.125A
DOARL102-B-24	Blue 455nm		Housing Anodized Aluminum
DOARL102-G-24	Green 530nm		Intensity Uniformity +/-5%
DOARL102-IRN-24	Infrared 850nm		Operating Temperature 120° F Max
DOARL102-IRL-24	Infrared 880nm		Compliance CE/RoHS
DOARL102-UVL-24	UV 395nm		Lifetime Hours 75,000 Hours
DOARL102-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: 1.44in / 36.5mm



ORDERING INFORMATION:

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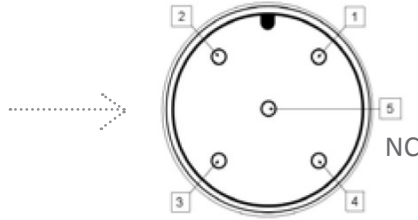
W	White 5500k	*BLANK	10 ft. Flying Leads
R	Red 630nm	T	M12 Quick Disconnect
G	Green 530nm	ILD	In Line Dimmer
B	Blue 455 nm	ILS	In Line Strobe (customer provide trigger info)
IRL	Infrared 880nm		
UVL	(long) 395nm		
UVS	(short) 365nm		

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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

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

#8-32 x .218 DP
 (2) PLACES
 BOTH SIDES
 (4) HOLES TOTAL

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	DIMENSIONS ARE IN INCHES	DRAWN	KW		1/21/2012
	TOLERANCES:	CHECKED			
	FRACTIONAL: ±1/64	ENG APPR.			
ANGULAR: MATCH 1/2° BEND ±1°	MEG APPR.				
TWO PLACE DECIMAL: ±.01	Q.A.				
THREE PLACE DECIMAL: ±.005	COMMENTS:				
INTERPRET GEOMETRIC TOLERANCING PER:					
MATERIAL					
FINISH					
NEXT ASSY	USED ON				
APPLICATION	DO NOT SCALE DRAWING				



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