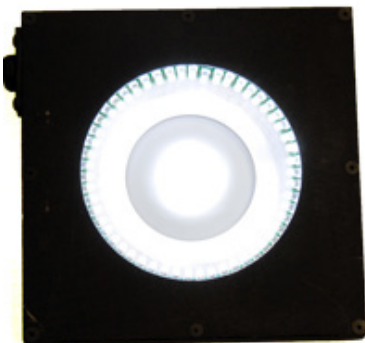


MetaBright™ 1- Ring Off-Axis Ring Light

Model#: MB-OARL211



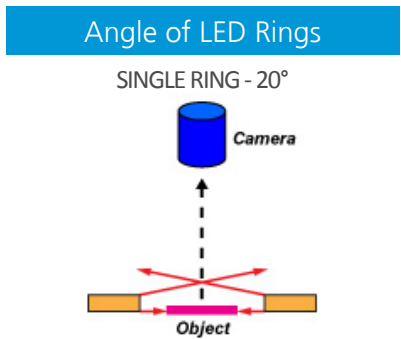
- Ø4in/Ø5.38in I.D. - 7in O.D.
- Dark Field Light
- Horizontal Plane of Light
- Useful for Highlighting Surface Defects
- Illuminates Specular Surfaces
- Configurable for Wavelength
- Economical, High Power

Part #	Color	Power Supply
MB-OARL211-W-24	White 5500K	24 volt power supply available upon request.
MB-OARL211-R-24	Red 630nm	
MB-OARL211-B-24	Blue 455nm	
MB-OARL211-G-24	Green 530nm	
MB-OARL211-IRN-24	Infrared 850nm	
MB-OARL211-IRL-24	Infrared 880nm	
MB-OARL211-UVL-24	UV 395nm	
MB-OARL211-UVS-24	UV 365nm	

Specifications:	
Current Consumption	0.2A
Housing	Aluminum
Finish	Black Anodized
Intensity Uniformity	+/-5%
Operating Temperature	120° F Max
Illuminance	12,000 Lux
Compliance	CE/RoHS
Lifetime Hours	75,000 Hours

10 ft. flying leads come standard on all products.
Light features built-in constant current driver.
No expensive controller required.

Active Area	Dimensions
Front: Ø4in / Ø101.6mm Aperture	L: 7in / 177.8mm
Ø5.38in / Ø136.53mm Aperture	W: 7in / 177.8mm
Back: 7in" / 177.80mm Outer Diameter	H: 0.56in / 14.22mm



ORDERING INFORMATION:

• MB - O A R L 2 1 1 - - 2 4 -

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

MetaLight™ 1-Ring Off-Axis Front Light

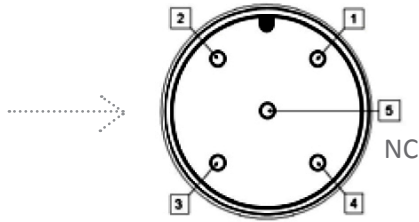
Model#: MB-OARL211

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

#8-32 UNC X .23 DP.
(2) PLACES
BOTH SIDES
(4) HOLES TOTAL

10 FT. CABLE WITH FLYING LEADS.

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. TITLE: RING LIGHT, OFF AXIS MODIFIED 4" ID SIDE A, 5.38" ID SIDE B SIZE PART NO. REV B MB-OARL211 SCALE: 1:2 WEIGHT: SHEET 1 OF 1
DIMENSIONS ARE IN INCHES		DRAWN		
TOLERANCES:		CHECKED		
FRACTIONAL ±		ENG APPR.		
ANGULAR: MATCH ± BEND ±		MFG APPR.		
TWO PLACE DECIMAL ±		Q.A.		
THREE PLACE DECIMAL ±		DRAWING NO.	OARL211	
INTERPRET GEOMETRIC TOLERANCING PER:		APPLICATION	DO NOT SCALE DRAWING	
MATERIAL				
NEXT ASSY		USED ON		