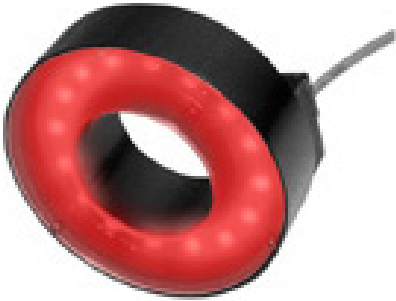


MetaBright™ Ringlight  
Model#: MB-RL205



- Configurable for various wavelengths including IR, UV, RGB
- Continuous, Dimming, and Strobing controllability modes
- Homogenous light output
- Brightfield and Darkfield illumination
- One-piece machined aluminum housings and thermal potting assures long life performance in rugged environments.

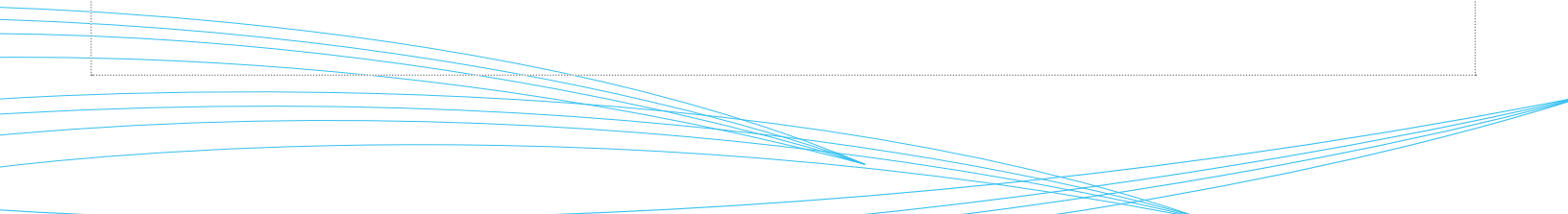
Part #	Color	Power Supply	Specifications:	
MB-RL205-W-24	White 6000 K	24 volt power supply available upon request.	Current Consumption	0.3A
MB-RL205-R-24	Red 630nm		Finish	Powder Coated Black
MB-RL205-B-24	Blue 455nm		Intensity Uniformity	+/-5%
MB-RL205-G-24	Green 530nm		Weight	
MB-RL205-IRN-24	Infrared 850nm		Operating Temperature	120° F Max
MB-RL205-IRL-24	Infrared 880nm		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.

**ORDERING INFORMATION:**

• M B - R L 2 0 5 -  - 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		



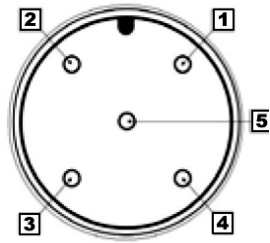
## MetaBright™ Ring Light Model#: MB-RL205

### Wiring Diagram

Flying Leads	Function
RED	+24VDC
BLACK	Ground
WHITE	0~10V
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
	A	REVISED AND REDRAWN, KW	12/15/2010	
	B	DWG # WAS RL201, KW	4/20/2011	

**NOTES: UNLESS OTHERWISE SPECIFIED**

- FOR MODELS RL201-X-12/24: 10FT. ATTACHED CABLE, 1" FLYING LEADWIRES AT END. FOR MODELS RL201-X: CABLE TO BE ORDERED SEPARATELY. PART NUMBER: PC-9-10.

**PROPRIETARY AND CONFIDENTIAL**  
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UNLESS OTHERWISE SPECIFIED:	NAME	DATE
DIMENSIONS ARE IN INCHES	KW	12-15-10
TOLERANCES:		
FRACTIONAL ±		
ANGULAR: MACH ±		
BEND ±		
TWO PLACE DECIMAL ±		
THREE PLACE DECIMAL ±		
INTERPRET GEOMETRIC TOLERANCING PER:		
MATERIAL:		
FINISH:		
APPLICATION:		

METAPHASE TECHNOLOGIES, INC.		
TITLE: RING LIGHT 205		
SIZE	DWG. NO.	REV
B	RL205	B
SCALE: 1:5	WEIGHT:	SHEET 1 OF 1