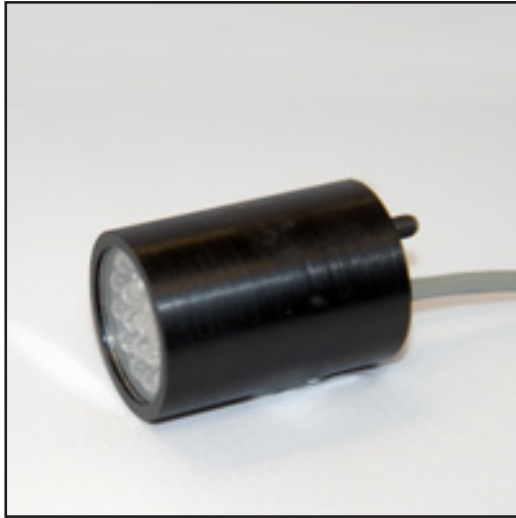


MetaBright™ Round Area Front Lig

Model#: MB-RAL105



- THE LOWEST COST SIMPLEST LED LIGHTING AVAILABLE FOR STANDARD INTENSITY FRONT LIGHTING
- AVAILABLE IN 3 DIFFERENT DIAMETERS TO SERVE VIRTUALLY ANY WORK SPACE PROVEN DESIGN WITH THOUSANDS OF INSTALLATIONS AROUND THE WORLD
- SOLID ONE-PIECE MACHINED ALUMINUM HOUSINGS AND THERMAL POTTING ASSURES LONG LIFE PERFORMANCE EVEN IN RUGGED ENVIRONMENTS
- SHOCK AND VIBRATION RESISTANT
- SOLUTION FOR ON AND OFF-AXIS VISION

Part #	Color	Power Supply	Specifications:	
MB-RAL105-W-24	White 6000 K	24 volt power supply available upon request.	Current Consumption	0.4A
MB-RAL105-R-24	Red 630nm		Finish	Anodized
MB-RAL105-B-24	Blue 455nm		Intensity Uniformity	+/-5%
MB-RAL105-G-24	Green 530nm		Operating Temperature	120° F Max
MB-RAL105-IRN-24	Infrared 850nm		Illuminance	118,000 Lux
MB-RAL105-IRL-24	Infrared 880nm		Compliance	CE/RoHS
MB-RAL105-UVL-24	UV 395nm		Lifetime Hours	75,000 Hours
MB-RAL105-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
31.75mm I.D. 1.25in I.D.	61.96mm x 38.10mm 2.44in x 1.50in

ORDERING INFORMATION:

• M B - R A L 1 0 5 - - 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		

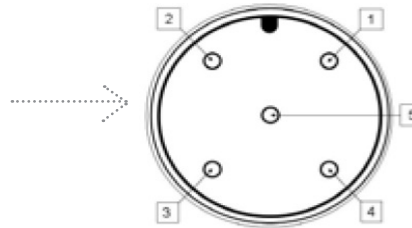


MetaBright™ Area Front Light

Model#: MB-RAL105

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	0~10V or +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

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	DIMENSIONS ARE IN INCHES			
	TOLERANCES:			
	FRACTIONAL ±			
	ANGULAR: MACH ± BEND ±			
	TWO PLACE DECIMAL ±			
	THREE PLACE DECIMAL ±			
	INTERPRET GEOMETRIC TOLERANCING PER:			
	MATERIAL			
	FINISH			
	APPLICATION			