

MetaBright™ OmniLight

Model#: MB-OBL6X9



- Lightweight alloy housing comes with welded brackets for secure and easy mounting
- Larger panels for even lighting
- Thin profile for easier installation
- Diffused, even illumination of standard dome lights
- Performs like a large diffused axial front light but with better coverage with less chance of hotspots.

Part #	Color	Power Supply	Specifications:	
MB-OBL6X9-W-24	White 6000 K	24 volt power supply available upon request.	Current Consumption	0.7A
MB-OBL6X9-R-24	Red 630nm		Finish	Black Anodized
MB-OBL6X9-B-24	Blue 455nm		Intensity Uniformity	+/-5%
MB-OBL6X9-G-24	Green 530nm		Weight	2.0lb / 0.9kg
MB-OBL6X9-IRN-24	Infrared 850nm		Operating Temperature	120° F Max
MB-OBL6X9-UVS-24	UltraViolet 365nm		Illuminance	33,000 Lux
MB-OBL6X9-UVL-24	UltraViolet 395nm		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.

Contact Us:

Contact your Metaphase Technologies Representative for options including: Diffuser Choice, Polarizer & Light Control Film, Specific Intensity & Uniformity, & Wavelength.

ORDERING INFORMATION:

• M B - O B L 6 X 9 - - 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		

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Wiring Diagram

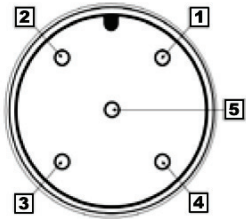
Flying Leads	Function
RED	+24VDC
BLACK	Ground
WHITE	+24VDC
GREEN	Ground

24 AWG 4 WIRES CABLE X 1

When not using intensity control, connect 0-10V control to +24 (Max Intensity Control = 25V) and intensity control ground to ground

M12 Connector

PIN #	Function
1	+24VDC
2	0-10VDC Intensity Control
3	Ground
4	Signal Ground



Drawing/Diagram

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

DIFFUSER

ELECTRICAL CABLE
4 CONDUCTOR
22 AWG
10' [3 M] LONG

MOUNTING TABS W/
MOUNTING HOLES

HEAT SINK

MOUNTING HOLES
Ø .19 [4.8] THRU ALL
4 HOLES NEAR SIDE
4 HOLES FAR SIDE

Metaphase Technologies, Inc. 3412 Progress Drive, Unit C, Bensalem, PA. 19020 215-639-8699 Fax 215-639-0977		
QUANTITY: Per order MATERIAL: See BOM FINISH: As supplied TREATMENT: N/A	TOLERANCE/FINISH UNLESS OTHERWISE SPECIFIED INCHES/MILLI ±.25V RMS [RA3.2um] X X .XX .XXX [±.76] [±.20] [±.010] [±.13] ±.005 ANGLES±1°	THIS DOCUMENT IS THE PROPERTY OF METAPHASE TECHNOLOGIES, INC. WHOM MAY LOAN IT. SUBJECT TO RETURN UPON DEMAND. IT INCLUDES CONFIDENTIAL & PROPRIETARY INFORMATION WHICH MAY NOT BE DISCLOSED TO ANY THIRD PARTY, AND/ OR USED FOR ANY PURPOSE CONTRARY TO ITS INTENDED USE. WITHOUT THE EXPRESSED PRIOR WRITTEN CONSENT OF METAPHASE TECHNOLOGIES, INC.
Approval Signature _____ Date / /		TITLE Top Assy. USED ON Per Customer SIZE B DRAWING NUMBER OBL-6X9-1 REV A SCALE 1:8 SHEET 1 OF 2