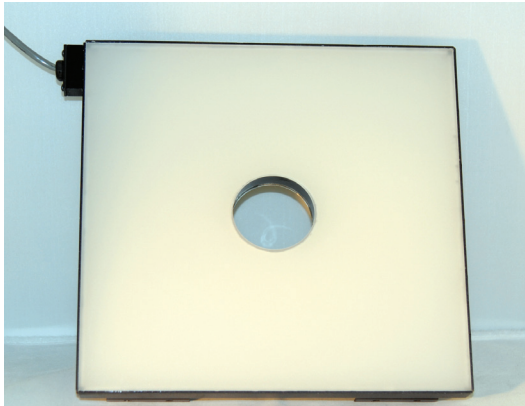




# MetaBright™ OmniLight

Model#: MB-OBL14X14



- 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

Part #	Color	Power Supply	Specifications:	
MB-OBL14X14-W-24	White 6000 K	24 volt power supply available upon request.	Current Consumption	3.85A
MB-OBL14X14-R-24	Red 630nm		Finish	Black Anodized
MB-OBL14X14-B-24	Blue 455nm		Intensity Uniformity	+/-5%
MB-OBL14X14-G-24	Green 530nm		Weight	8lbs / 3.6kg
MB-OBL14X14-IRN-24	Infrared 850nm		Operating Temperature	120° F Max
MB-OBL14X14-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 1 4 X 1 4 -  - 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™ OmniLight

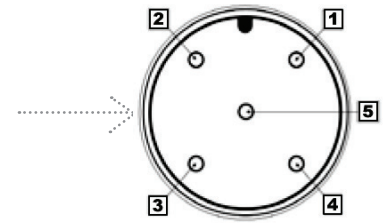
Model#: MB-OBL14X14

### 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

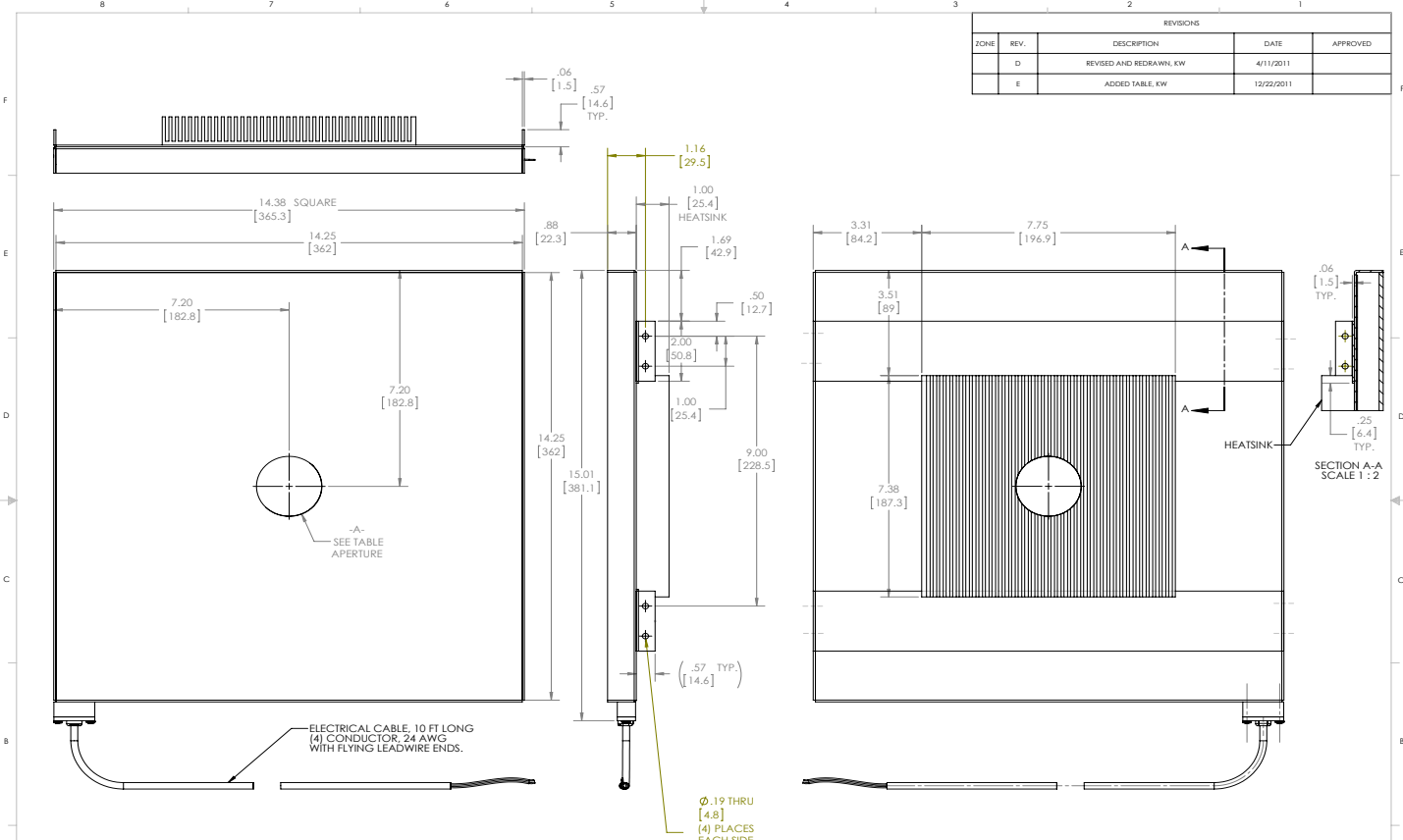


#### 24 AWG 4 WIRES CABLE X 1

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

### Drawing/Diagram

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	D	REVISED AND REDRAWN. KW	4/11/2011	
	E	ADDED TABLE. KW	12/22/2011	



NOTES: UNLESS OTHERWISE SPECIFIED

TABLE

DRAWING NUMBER	PART NUMBER	-A-
OBL14X14-0	MBOBL14X14-W-24-0	NO HOLE
OBL14X14-1	MBOBL14X14-W-24-1	Ø 2.00 [50.8] THRU
OBL14X14-2	MBOBL14X14-W-24-2	Ø 2-1/4 [57.2] THRU

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DRAWING AND INCHES	DRAWN	KW	4-11-11
TOLERANCES	CHECKED		
FRAC/CH/IN/UM			
ANGULAR DIMENSIONS			
2ND PLACE DECIMAL			
3RD PLACE DECIMAL			
4TH PLACE DECIMAL			
5TH PLACE DECIMAL			
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 TITLE:  
 BACK LIGHT, OMNI, 14 X 14 INCH  
 SIZE DWG. NO.  
 C OBL14X14 SEE TABLE  
 REV  
 E