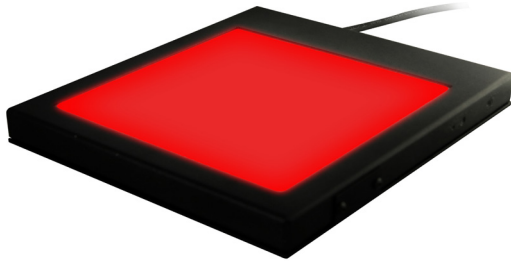


## MetaBright™ Area Backlight

Model#: MB-BL4X4



- Up to 50 SMD LED's per inch array makes our backlights the brightest most stable backlights in the industry
- Exclusive optical lens producing even (+/- 5%), shadow-free illumination
- High Density Precision Chip technology
- Patent-pending thermal management design draws heat directly from the die ensuring long life
- Stable, flicker-free illumination with instant-start operation

### Active Area      Dimensions      Specifications:

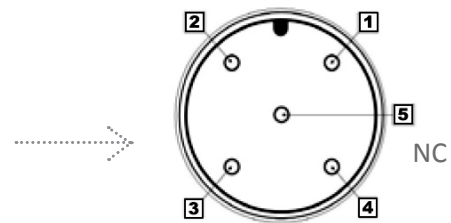
4in x 4in  
101.6mm x 101.6mm

6.16 in x 6.95 in x 0.82 in  
156.46mm x 176.53mm x 20.8mm

Current Consumption	0.5 ~ 1 Amp @ 24Vdc
Housing	Aluminum
Finish	Powder Coated Black
Intensity Uniformity	+/-5%
Weight	
Operating Temperature	120° F Max
Illuminance	37,000 Lux
Compliance	CE/RoHS
Lifetime Hours	75,000 Hours

Wiring Diagram	
Flying Leads	Function
RED	+24VDC
BLACK	Ground

M12 Connector	
PIN #	Function
1	+24VDC
3	Ground



### ORDERING INFORMATION:

• M B - B L 4 X 4	-	<input type="checkbox"/>	- 2 4 -	<input type="checkbox"/>	
<b>W</b>			<b>*BLANK</b>		10 ft. Flying Leads
<b>R</b>	White 6000k		<b>T</b>		M12 Quick Disconnect
<b>G</b>	Red 630nm		<b>ILD</b>		In Line Dimmer
<b>B</b>	Green 530nm		<b>ILS</b>		In Line Strobe (customer provide trigger info)
<b>B</b>	Blue 455 nm				
<b>IR</b>	Infrared 880nm				
<b>UVL</b>	(long) 395nm				
<b>UVS</b>	(short) 365nm				

## MetaBright™ Area Backlight Model#: MB-BL4X4

	Wavelength (nanometers)
White (°K)	5500-6500°K
Blue	464-485
Green	520-535
Red	620-630
IRN	880
UVL	395
UVS	365

### Contact us:

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

### Drawing/Diagram

