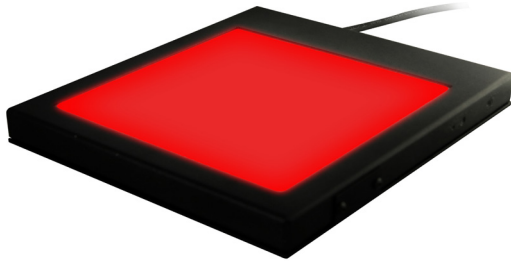




MetaBright™ Area Backlight

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:	
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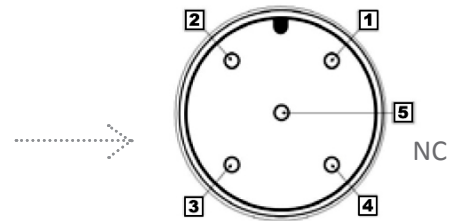
4in x 4in
101.6mm x 101.6mm

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 - - 2 4 -

W	White 6000k	*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)
IR	Infrared 880nm		
UVL	(long) 395nm		
UVS	(short) 365nm		



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	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

