

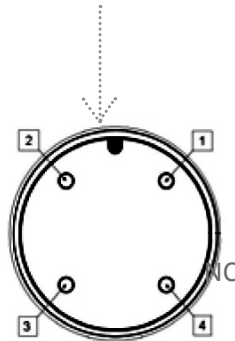
MetaBright™ Area Backlight

Model#: MB-BL6X12



- 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

Wiring Diagram		M12 Connector		Specifications:	
Flying Leads	Function	PIN #	Function	Current Consumption	2 Amp @ 24Vdc
RED	+24VDC	1	+24VDC	Housing	Aluminum
BLACK	Ground	3	Ground	Finish	Powder Coated Black
WHITE	+24VDC			Intensity Uniformity	+/-5%
GREEN	Ground			Weight	~1.5lb
				Operating Temperature	120° F Max
				Illuminance	14,000 Lux
				Compliance	CE/RoHS
				Lifetime Hours	75,000 Hours



Active Area	Dimensions
6in x 12in 152.4mm x 304.8mm	7.5 in x 15.43 in x 0.81 in 190.5mm x 391.92mm x 20.57mm

ORDERING INFORMATION:

• M B - B L 6 X 1 2 - - 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.

