

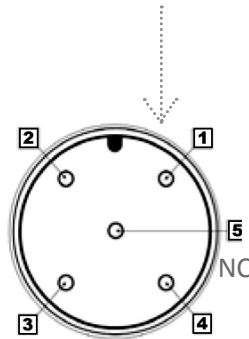
MetaBright™ Area Backlight

Model#: MB-BL12X12



- 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		
RED	+24VDC	1	+24VDC	Current Consumption	3.5 ~ 5 Amp @ 24Vdc
BLACK	Ground	3	Ground	Housing	Aluminum
WHITE	0~10V			Finish	Powder Coated Black
GREEN	Signal Ground			Intensity Uniformity	+/-5%
				Illuminance	38,000 Lux
				Operating Temperature	120° F Max
				Compliance	CE/RoHS
				Lifetime Hours	75,000 Hours



Active Area	Dimensions
12in x 12in 304.8mm x 304.8mm	15in x 14.25in x 0.87in 381mm x 361.95mm x 22mm

ORDERING INFORMATION:

• M B - B L 1 2 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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Contact us:

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

Drawing/Diagram

