



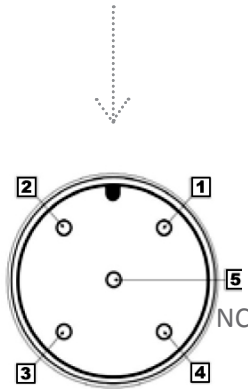
# MetaBright™ Area Backlight

Model#: MB-BL6X20



- 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 ~ 4 Amp @ 24Vdc
BLACK	Ground	3	Ground	Housing	Aluminum
WHITE	0~10V			Finish	Powder Coated Black
GREEN	Signal Ground			Intensity Uniformity	+/-5%
				Operating Temperature	120° F Max
				Illuminance	37,000 Lux
				Compliance	CE/RoHS
				Lifetime Hours	75,000 Hours



Active Area	Dimensions
6in x 20in 152.4mm x 508mm	7.25 in x 23.86 in x 0.94 in 184.15mm x 606.04mm x 23.87mm

## ORDERING INFORMATION:

• MB - BL 6 X 2 0	-	□	- 2 4 -	□	
		<b>W</b>	White 6000k	<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>IR</b>	Infrared 880nm		
		<b>UVL</b>	(long) 395nm		
		<b>UVS</b>	(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

