

# MetaBright™ Area Backlight

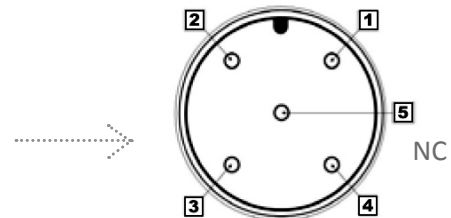
Model#: MB-BL6X4



- 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:	
6in x 4in 152.4mm x 101.6mm		8.65 in x 5.41 in x 0.79in 219.71mm x 137.41 x 20.06mm		Current Consumption	0.5 ~ 1.2 Amp @ 24Vdc
				Housing	Aluminum
				Finish	Powder Coated Black
				Intensity Uniformity	+/-5%
				Operating Temperature	120° F Max
				Illuminance	44,000 Lux
				Compliance	CE/RoHS
				Lifetime Hours	75,000 Hours

Wiring Diagram		M12 Connector	
Flying Leads	Function	PIN #	Function
RED	+24VDC	1	+24VDC
BLACK	Ground	3	Ground



ORDERING INFORMATION:					
• M B - B L 6 X 4	-	<input type="checkbox"/>	- 2 4 -	<input type="checkbox"/>	
<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.

