



MetaBright™ Area Backlight

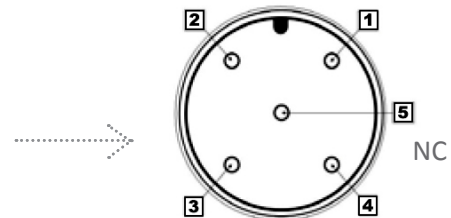
Model#: MB-BL6X6



- 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

Specifications:		Active Area	Dimensions
Current Consumption	1.1Amp @ 24Vdc	6in x 6in 152.4mm x 152.4mm	8.65in x 7.41in x .83in 219.71mm x 188.21mm x 21mm
Housing	Aluminum		
Finish	Powder Coated Black		
Intensity Uniformity	+/-5%		
Operating Temperature	120° F Max		
Illuminance	Warm White (2,600K-3,700k) @ 32,000 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 6 - - 2 4 -

W	White 6000k	*BLANK	10 ft. Flying Leads
WW	Warm White 2600k-3,700	T	M12 Quick Disconnect
R	Red 630nm	ILD	In Line Dimmer
G	Green 530nm	ILS	In Line Strobe (customer provide trigger info)
B	Blue 455 nm		
IR	Infrared 880nm		
UVL	(long) 395nm		
UVS	(short) 365nm		



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Wavelength (nanometers)

White (°K)	5500-6500°K
Warm White (°K)	2,600K-3,700K
Blue	464-485
Green	520-535
Red	620-630
IRN	880
UVL	395

Contact us:

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

Drawing/Diagram

