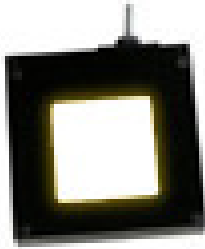


# MetaBright Area Backlight

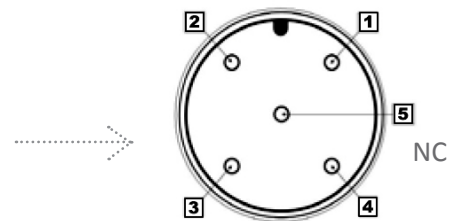
Model#: MB-BL205



- 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:	
2in x 2in 50.8mm x 50.8mm	3in x 3.75in 76.2mm x 95.3mm	Current Consumption	0.25 Amp @ 24Vdc
		Housing	Aluminum
		Finish	Anodized
		Intensity Uniformity	+/-5%
		Operating Temperature	120° F Max
		Illuminance	37,000 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 2 0 5** -  - **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		



# MetaBright Area Backlight

Model#: MB-BL205

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.

