



# MetaBright™ Area Backlight

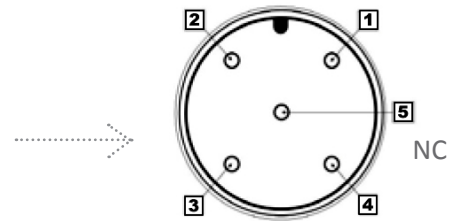
Model#: MB-BL105



- 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:	
1in x 1in 25.4mm x 25.4 mm	1.90in x 2.50in 48.26mm x 63.50mm	Current Consumption	0.2 Amp @ 24Vdc
		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:

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<b>W</b>			<b>*BLANK</b>		10 ft. Flying Leads
<b>R</b>	White 6000k		<b>T</b>		M12 Quick Disconnect
<b>G</b>	Red 630nm		<b>ILD</b>		In Line Dimmer
<b>B</b>	Green 530nm		<b>ILS</b>		In Line Strobe (customer provide trigger info)
<b>IR</b>	Blue 455 nm				
<b>UVL</b>	Infrared 880nm				
<b>UVS</b>	(long) 395nm				
	(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

