



MetaBright™ Area Backlight

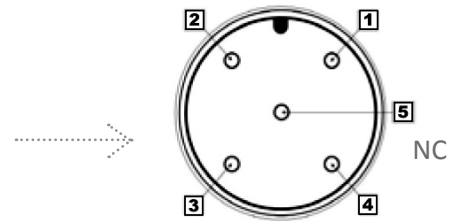
Model#: MB-BL105



- 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:

• M B - B L 1 0 5	-	□	- 2 4 -	□	
W		White 6000k		*BLANK	10 ft. Flying Leads
R		Red 630nm		T	M12 Quick Disconnect
G		Green 530nm		ILD	In Line Dimmer
B		Blue 455 nm		ILS	In Line Strobe (customer provide trigger info)
IR		Infrared 880nm			
UVL		(long) 395nm			
UVS		(short) 365nm			



MetaBright™ Area Backlight

Model#: MB-BL105

Contact us:

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

Drawing/Diagram

