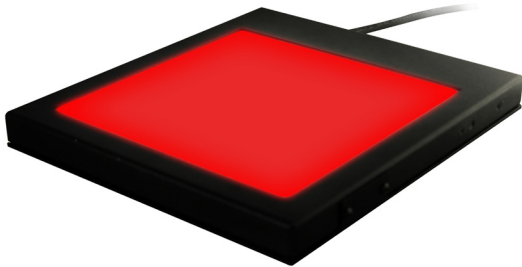




# MetaBright™ Area Backlight

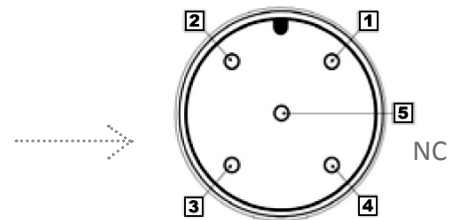
Model#: MB-BL410



- 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:	
5in x 5in 127mm x 127mm	7.25in x 6.16in x 0.79in 181.25mm x 156.46mm x 19.75mm	Current Consumption	0.5 ~ 1Amp @ 24Vdc
		Housing	Aluminum
		Finish	Powder Coated Black
		Intensity Uniformity	+/-5%
		Operating Temperature	120° F Max
		Illuminance	42,000 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 4 1 0	-	<input type="checkbox"/>	- 2 4 -	<input type="checkbox"/>	
		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-BL410

	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.

**Drawing/Diagram**

