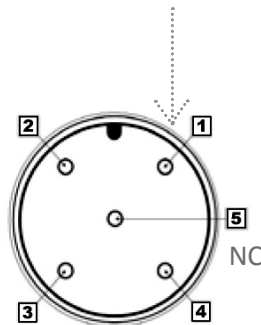


MetaBright™ Area Backlight Model#: MB-BL18X18



- 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

Wiring Diagram		M12 Connector		Specifications:	
Flying Leads	Function	PIN #	Function	Current Consumption	6 ~ 8 Amp @ 24Vdc
RED	+24VDC	1	+24VDC	Housing	Aluminum
BLACK	Ground	2	+24VDC	Finish	Powder Coated Black
WHITE	0~10V	3	Ground	Intensity Uniformity	+/-5%
GREEN	Signal Ground	4	Ground	Illuminance	60,000 Lux
				Operating Temperature	120° F Max
				Compliance	CE/RoHS
				Lifetime Hours	75,000 Hours



Active Area	Dimensions
18in x 18in 457.2mm x 457.2mm	22.9in x 24.1in x 1.03in 581.6mm x 612.14mm x 26.1mm

ORDERING INFORMATION:

• M B - B L 1 8 X 1 8 - - 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		

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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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	REDRAWN IN SOLIDWORKS, KIW	11/2/2011	

