

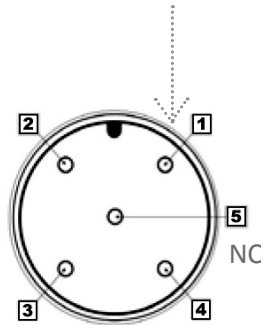
# MetaBright™ Area Backlight

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 -

<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		

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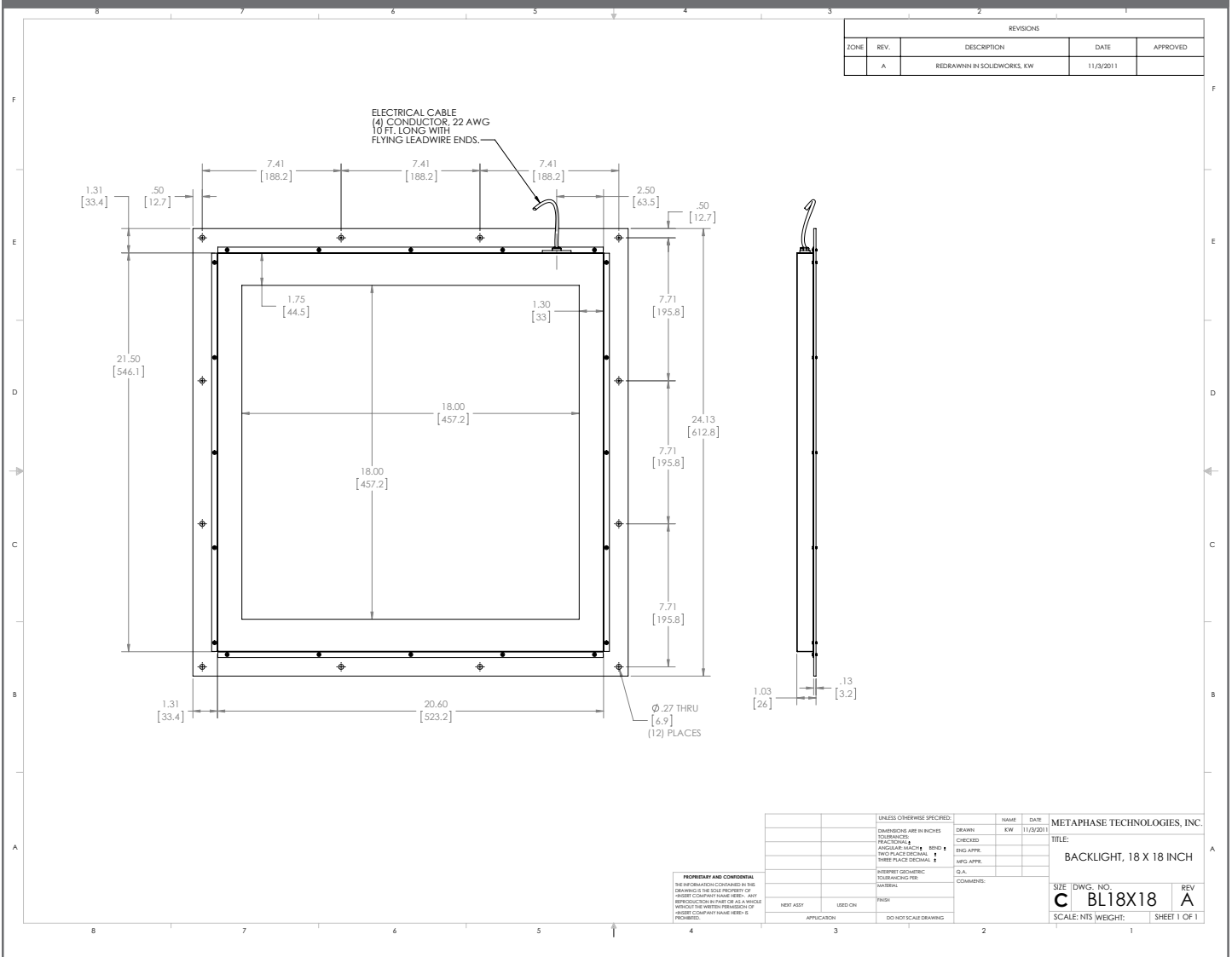


**Vision Light Tech**  
creating optical solutions

## Contact us:

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

## Drawing/Diagram



Vision Light Tech B.V.

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