

MetaBright™ Area Backlight

Model#: MB-BL6X6



- 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

Specifications:

Current Consumption	1.1Amp @ 24Vdc
Housing	Aluminum
Finish	Powder Coated Black
Intensity Uniformity	+/-5%
Operating Temperature	120° F Max
Illuminance	Warm White (2,600K-3,700k) @ 32,000 Lux
Compliance	CE/RoHS
Lifetime Hours	75,000 Hours

Active Area

6in x 6in
152.4mm x 152.4mm

Dimensions

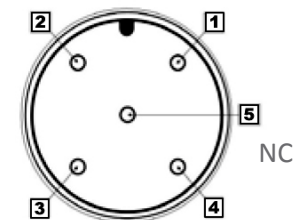
8.65in x 7.41in x .83in
219.71mm x 188.21mm x 21mm

Wiring Diagram

Flying Leads	Function
RED	+24VDC
BLACK	Ground

M12 Connector

PIN #	Function
1	+24VDC
3	Ground



ORDERING INFORMATION:

• MB - BL 6 X 6	-	<input type="checkbox"/>	- 2 4 -	<input type="checkbox"/>	
W				*BLANK	10 ft. Flying Leads
WW				T	M12 Quick Disconnect
R				ILD	In Line Dimmer
G				ILS	In Line Strobe (customer provide trigger info)
B					
IR					
UVL					
UVS					

MetaBright™ Area Backlight Model#: MB-BL6X6

Wavelength (nanometers)	
White (°K)	5500-6500°K
Warm White (°K)	2,600K-3,700K
Blue	464-485
Green	520-535
Red	620-630
IRN	880
UVL	395

Contact us:

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

Drawing/Diagram

