MetaBright Thin Backlight

Model#: MB-TBL1X4

Metaphase Technologies, Inc.

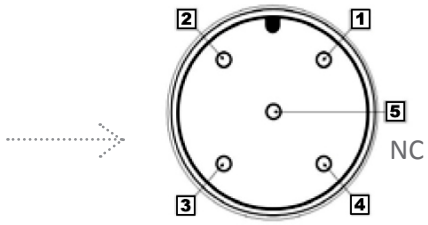
- Configurable for various wavelengths
- Extremely low profile backlight for applications with strict spatial limitations
- No warm up time to reach full intensity
- Thin yet very high intensity & high uniformity (+/- 5%)
- High Uniformity (No hot spots or glare)
- High Density Precision Chips Tehcnology (HDPCT)
- Streamline design allows for maximum active area
- Light thickness: .39”

Active Area	Dimensions
1in x 4.7 in 25.4mm x 119mm	1.21 in x 5.33 in x .39 in 30mm x 136mm x 9.9mm

Specifications:	
Current Consumption	RED: 0.18A W/G/B: 0.25A
Finish	Powder Coated Black
Intensity Uniformity	+/-5%
Operating Temperature	120° F Max
Illuminance	70,000 Lux
Compliance	CE/RoHS
Lifetime Hours	75,000 Hours

Wiring Diagram	
Flying Leads	Function
RED	+24VDC
BLACK	Ground

M12 Connector	
PIN #	Function
1	+24VDC
3	Ground



ORDERING INFORMATION:

• M B - T B L 1 X 4 - ☐ - 2 4 - ☐

W	White 5500k
R	Red 630nm
G	Green 530nm
B	Blue 455 nm
IRL	Infrared 880nm
UVL	(long) 395nm
UVS	(short) 365nm

***BLANK**	10 ft. Flying Leads
T	M12 Quick Disconnect
ILD	In Line Dimmer
ILS	In Line Strobe (customer provide trigger info)

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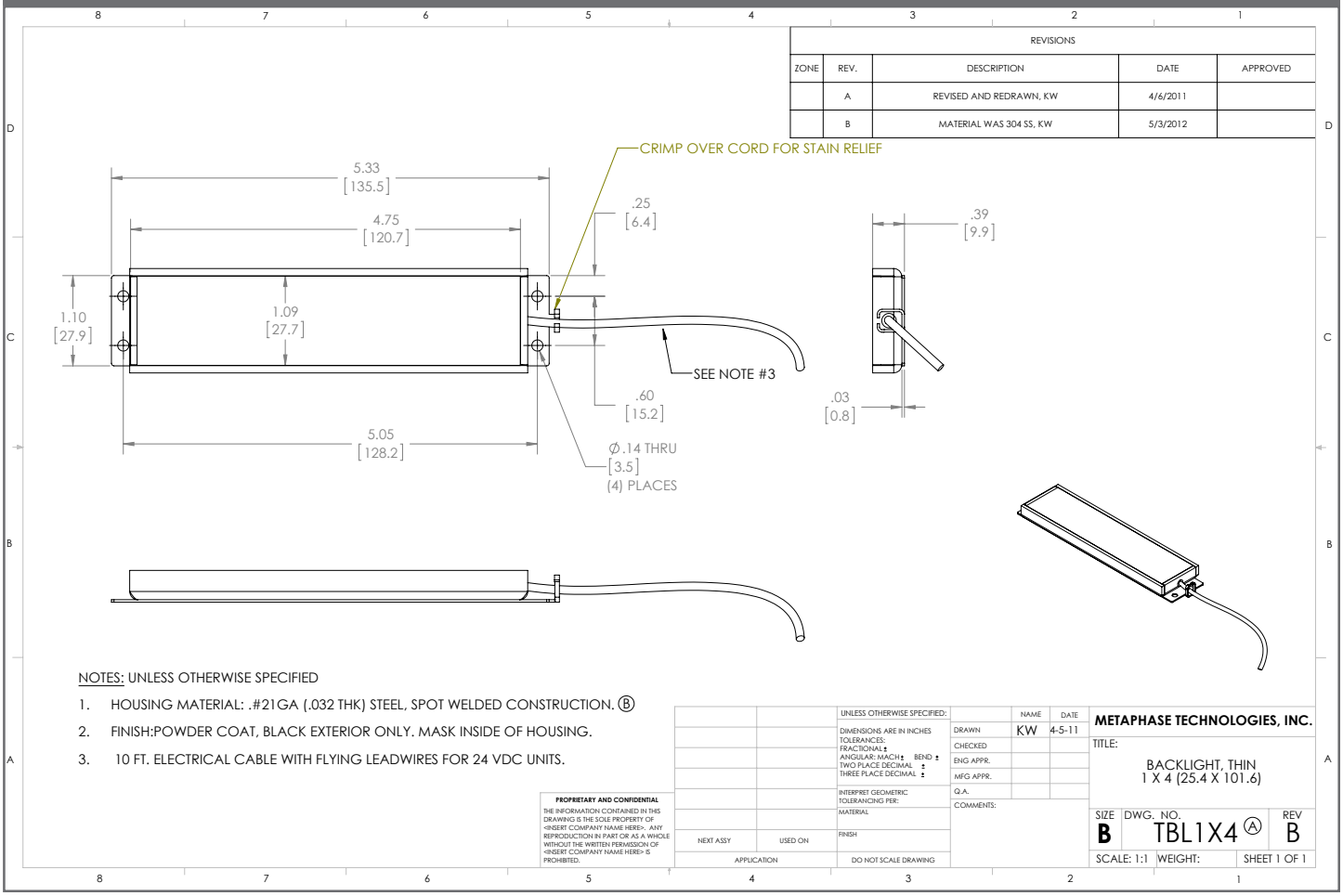
Drawing/Diagram