

MetaBright™ High Compact Diffuse Front Light

Model#: MB-CFL2.5X1.25



- BUILT-IN CONSTANT CURRENT DRIVER
- BUILT-IN STROBE
- 10X POWER BOOSTING
- 8 HIGH POWER LEDS
- DC AND STROBED VERSIONS
- COMPACT
- SIMPLY PROVIDE POWER & TRIGGER
- NO EXTERNAL CONTROLLER NEEDED

Active Area

2.5 in x 1.25 in
63.5mm x 31.8mm

Dimensions

4.10in x 3.40in x 1.05in
104mm x 86.4mm x 26.8mm

Specifications:

Current Consumption	3.2A @ 24VDC
Finish	Black Anodized
Intensity Uniformity	+/-5%
Weight	.5lb/226g
Operating Temperature	120° F Max
Illuminance	295,000 Lux
Compliance	CE/RoHS
Lifetime Hours	75,000 Hours

Contact Us:

Contact your Metaphase Technologies Representative for options including: Filter Options, Power Options, & Wavelength.

ORDERING INFORMATION:

• MB - CFL 2.5 X 1.25 - - 2 4 -

|
W White 6000k

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



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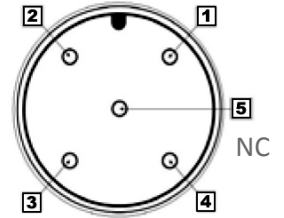
Wiring Diagram

Flying Leads	Function
RED	+24VDC
BLACK	Ground

24 AWG 4 WIRES CABLE X 1

M12 Connector

PIN #	Function
1	+24VDC
2	0-10VDC Intensity Control
3	Ground
4	Signal Ground



Drawing/Diagram

(4) CONDUCTOR ELECTRICAL CABLE
24 AWG, 10 FT LG WITH FLYING LEADWIRE ENDS.

Ø.60 [15.3]

1.25 [31.8]

3.29 [83.4]

2.50 [63.5]

.05 [1.3]

1.65 [41.9]

.19 [4.8]

3.40 [86.4]

.74 [18.8]

.75 [19.1]

1.15 [29.2]

#8-32 UNC THRU (2) PLACES

.45 [11.3]

1.05 [26.8]

1.00 [25.3]

3.80 [96.5]

4.10 [104]

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	B	F/N WAS FL302, KW	12/7/2011	

3.40 [86.4]

1.00 [25.4]

#8-32 UNC X 7/16 DP. (2) PLACES

.28 [7]

.65 [16.5]

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	METAPHASE TECHNOLOGIES, INC.
DRAWN	KW	12-6-11		TITLE:
CHECKED				FRONT LIGHT, 1.25 X 2.5 INCH PC INDUSTRIES
ENG APPR.				
MFG APPR.				
Q.A.				
COMMENTS:				
DIMENSIONS ARE IN INCHES		SCALE: 1:1		
TOLERANCES:		WEIGHT:		
FRACTIONAL: ±		SHEET 1 OF 1		
ANGULAR: MACH ±				
BEND ±				
TWO PLACE DECIMAL ±				
THREE PLACE DECIMAL ±				
INTERPRET GEOMETRIC TOLERANCING PER:				
MATERIAL:				
FINISH:				
NEXT ASSY	USED ON			
APPLICATION	DO NOT SCALE DRAWING			