

MetaBright™ Linear Front Light

Model#: MB-LFL1105



- Shock and Vibration proof up to 10 G's per MIL-STD-910F the highest industry standards
- Solid one-piece machined aluminum housings and thermal potting
- Performance extends to rugged environments
- Can be configured for wavelength and other specifications
- Equipt with pairing and axial rotation capabilities

Part #	Color	Power Supply	Specifications:	
MB-LFL1105-W-24	White 5500K	24 volt power supply available upon request.	Current Consumption	4.04A @ 24VDC
MB-LFL1105-R-24	Red 630nm		Housing	Aluminum
MB-LFL1105-B-24	Blue 455nm		Finish	Anodized
MB-LFL1105-G-24	Green 530nm		Intensity Uniformity	+/-5%
MB-LFL1105-IRN-24	Infrared 850nm		Illuminance	120,000 Lux
MB-LFL1105-IRL-24	Infrared 880nm		Operating Temperature	120° F Max
MB-LFL1105-UVL-24	UV 395nm		Compliance	CE/RoHS
MB-LFL1105-UVS-24	UV 365nm		Lifetime Hours	75,000 Hours

10 ft. flying leads come standard on all products.
Light features built-in constant current driver.
No expensive controller required.

Active Area	Dimensions
1 in x 50 in 25.4mm x 1270mm	51.81in x 1.13in x 1.25in 1316mm x 28.58mm x 31.75mm

ORDERING INFORMATION:

• M B - L F L 1 1 0 5 - - 2 4 -

W	White 5500k	*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)
IRL	Infrared 880nm		
UVL	(long) 395nm		
UVS	(short) 365nm		

Vision Light Tech B.V.

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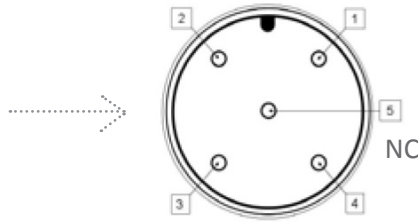


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M12 Connector

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



Wiring Diagram

Flying Leads	Function
RED	+24VDC
BLACK	Ground
WHITE	+24VDC
GREEN	Ground

24 AWG 4 WIRES CABLE X 1
When not using intensity control, connect 0-10V control line to +24 (Max Intensity Control = 25V) and intensity control ground to ground

Drawing/Diagram

ELECTRICAL CABLE
(4) CONDUCTOR, 22 AWG
10 FT LONG WITH FLYING LEADWIRE ENDS.

1.20 [30.40]

1.83 [46.56]

51.81 [1316.05]

1.13 [28.58]

.37 [9.27]

.56 [14.29]

1.25 [31.75]

.52 [13.21]

#8-32 UNC X 5/16 DP
(2) PLACES, BOTH SIDES
(4) HOLES TOTAL

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	REVISED AND REDRAWN, KW	8/30/2011	

<p>UNLESS OTHERWISE SPECIFIED:</p> <p>DIMENSIONS ARE IN INCHES</p> <p>TOLERANCES:</p> <p>FRACTIONAL: ±</p> <p>ANGULAR: MACH ± BEND ±</p> <p>TWO PLACE DECIMAL: ±</p> <p>THREE PLACE DECIMAL: ±</p> <p>INTERPRET GEOMETRIC TOLERANCING PER:</p> <p>MATERIAL:</p> <p>FINISH:</p> <p>APPLICATION: DO NOT SCALE DRAWING</p>	<p>NAME: KW</p> <p>DATE: 8-30-11</p> <p>METAPHASE TECHNOLOGIES, INC.</p> <p>TITLE:</p> <p>FRONT LIGHT, LINEAR, 1 X 50 INCH</p> <p>SIZE DWG. NO. B LFL1101</p> <p>REV A</p> <p>SCALE: 1:10 WEIGHT: SHEET 1 OF 1</p>
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