

MetaBright™ Linear Front Light

Model#: MB-LFL1X6



- 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-LFL1X6-W-24	White 5500K	24 volt power supply available upon request.	Current Consumption	.35A
MB-LFL1X6-R-24	Red 630nm		Housing	Aluminum
MB-LFL1X6-B-24	Blue 455nm		Finish	Anodized
MB-LFL1X6-G-24	Green 530nm		Intensity Uniformity	+/-5%
MB-LFL1X6-IRN-24	Infrared 850nm		Operating Temperature	120° F Max
MB-LFL1X6-IRL-24	Infrared 880nm		Illuminance	120,000 Lux
MB-LFL1X6-UVL-24	UV 395nm		Compliance	CE/RoHS
MB-LFL1X6-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
.63in x 6.41in 16mm x 162.7mm	6.6in x .86in 168.3mm x 22mm

ORDERING INFORMATION:

• M B - L F L 1 X 6 - - 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.

Protonenlaan 22, 5405 NE UDEN, P.O. Box 345, 5400 AH UDEN, The Netherlands
Phone: +31 (0)413 26 00 67, Fax +31 (0)413 26 09 38, E-mail: inquiry@vlt.nl, Website: www.vlt.nl
Trade register No. 17150044, VAT No. NL8112.30.946.B01

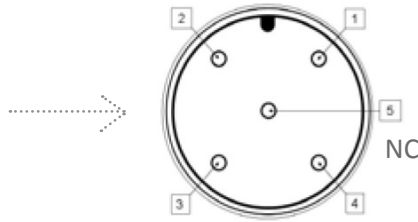


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M12 Connector

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	REDRAWN IN SOLIDWORKS, KW	3/16/2012	

M4X0.7 -6H X .25 (6.4) DP
BOTTOM TAP
(3) PLACES

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

LIGHTED AREA

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	<p>INTERPRET GEOMETRIC TOLERANCING PER:</p>	<p>DRAWN: KW CHECKED: ENG APPR: MFG APPR: Q.A. COMMENTS:</p>	<p>SIZE: B DWG. NO.: LFL1X6 SCALE: NTS WEIGHT:</p>	<p>REV: A SHEET 1 OF 1</p>
	<p>MATERIAL:</p>	<p>FINISH:</p>	<p>APPLICATION: DO NOT SCALE DRAWING</p>	
	<p>NEXT ASSY:</p>	<p>USED ON:</p>	<p>SCALE: NTS WEIGHT:</p>	