

MetaBright™ Linear Front Light

Model#: MB-LFL805



- 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-LFL805-W-24	White 5500K	24 volt power supply available upon request.	Current Consumption	2.56A @ 24VDC
MB-LFL805-R-24	Red 630nm		Housing	Aluminum
MB-LFL805-B-24	Blue 455nm		Finish	Anodized
MB-LFL805-G-24	Green 530nm		Intensity Uniformity	+/-5%
MB-LFL805-IRN-24	Infrared 850nm		Illuminance	120,000 Lux
MB-LFL805-IRL-24	Infrared 880nm		Operating Temperature	120° F Max
MB-LFL805-UVL-24	UV 395nm		Compliance	CE/RoHS
MB-LFL805-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 35 in 25.4mm x 889mm	36.80in x 1.13in x 1.25in 934mm x 28.58mm x 31.75mm

ORDERING INFORMATION:

• M B - L F L 8 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.

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



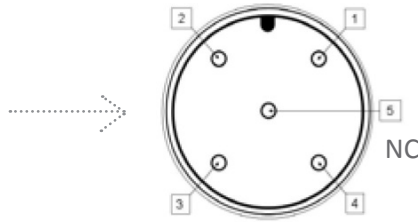
MetaBright™ Linear Front Light

Model#: MB-LFL805

Wiring Diagram

M12 Connector

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



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

ILLUMINATION AREA

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	REVISED AND REDRAWN, KW	8/29/2011	

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	METAPHASE TECHNOLOGIES, INC.
DIMENSIONS ARE IN INCHES		KW	8-29-11	
TOLERANCES:				
FRACTIONAL ±				
ANGULAR: MACH ± BEND ±				
TWO PLACE DECIMAL ±				
THREE PLACE DECIMAL ±				
INTERPRET GEOMETRIC TOLERANCING PER:				
MATERIAL:				
FINISH:				
APPLICATION:				
DO NOT SCALE DRAWING				

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF METAPHASE TECHNOLOGIES, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF METAPHASE TECHNOLOGIES, INC. IS PROHIBITED.

SIZE	DWG. NO.	REV
B	LFL801	A
SCALE: 1:2	WEIGHT:	SHEET 1 OF 1