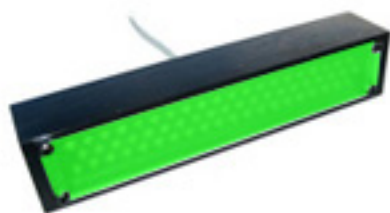


MetaBright™ Linear Front Light

Model#: MB-LFL205



- 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-LFL205-W-24	White 5500K	24 volt power supply available upon request.	Current Consumption	0.37A
MB-LFL205-R-24	Red 630nm		Housing	Aluminum
MB-LFL205-B-24	Blue 455nm		Finish	Anodized
MB-LFL205-G-24	Green 530nm		Intensity Uniformity	+/-5%
MB-LFL205-IRN-24	Infrared 850nm		Operating Temperature	120° F Max
MB-LFL205-IRL-24	Infrared 880nm		Illuminance	120,000 Lux
MB-LFL205-UVL-24	UV 395nm		Compliance	CE/RoHS
MB-LFL205-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 5.6 in 25.4mm x 143mm	6in x 1.25in x 1.89in 153mm x 31.75mm x 47mm

ORDERING INFORMATION:

• M B - L F L 2 0 5 - - 2 4 -

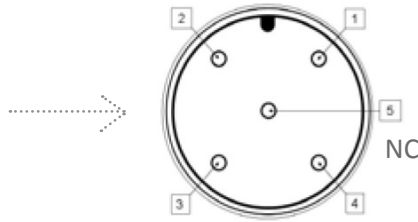
W	White 5500k	*BLANK	10 ft. Flying Leads
R	Red 630nm	T	M12 Quick Disconnect
G	Green 530nm	ILD	In Line Dimmer
B	Blue 455 nm	ILS	In Line Strobe (customer provide trigger info)
IRL	Infrared 880nm		
UVL	(long) 395nm		
UVS	(short) 365nm		

MetaBright™ Linear Front Light Model#: MB-LFL205

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

Dimensions shown:
 Side view: 1.25 [31.75], 1.13 [28.58], 1.89 [47.89]
 Top view: 6.050 [153.67], 5.650 [143.51], 1.000 [25.40], 1.250 [31.75], .360 [9.14], .560 [14.22], .520 [13.21]

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	B	REVISED AND REDRAWN, KW	7/25/2011	

FOUR CONDUCTOR ELECTRICAL CABLE
24 AWG, 10 FT LONG WITH
FLYING LEADWIRE ENDS.

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

Pyramid Imaging
 945 East 11th Avenue Tampa, FL 33605
 sales@pyramidimaging.com
 www.pyramidimaging.com
 813-786-3785

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	METAPHASE TECHNOLOGIES, INC.
DIMENSIONS ARE IN INCHES		KW	7-25-11	
TOLERANCES:		DRAWN		TITLE:
FRACTIONALS		CHECKED		
ANGULAR: MACH 2		ENG APPR.		
THREE PLACE DECIMAL		MFG APPR.		
INTERPRET GEOMETRIC TOLERANCING PER:		Q.A.		FRONT LIGHT, LINEAR, 1 X 5 INCH
MATERIAL:		COMMENTS:		
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.	NEXT ASSY	USED ON	FINISH
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SIZE	DWG. NO.	REV
B	LFL201	B
SCALE: 1:2	WEIGHT:	SHEET 1 OF 1