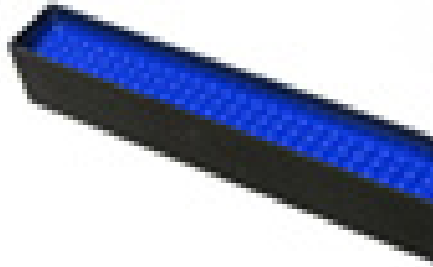


MetaBright™ Linear Front Light Model#: MB-LFL1205



- 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-LFL1205-W-24	White 5500K	24 volt power supply available upon request.	Current Consumption	4.21A @ 24VDC
MB-LFL1205-R-24	Red 630nm		Housing	Aluminum
MB-LFL1205-B-24	Blue 455nm		Finish	Anodized
MB-LFL1205-G-24	Green 530nm		Intensity Uniformity	+/-5%
MB-LFL1205-IRN-24	Infrared 850nm		Illuminance	120,000 Lux
MB-LFL1205-IRL-24	Infrared 880nm		Operating Temperature	120° F Max
MB-LFL1205-UVL-24	UV 395nm		Compliance	CE/RoHS
MB-LFL1205-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 55 in 25.4mm x 1397mm	56.81in x 1.13in x 1.25in 1442mm x 28.58mm x 31.75mm

ORDERING INFORMATION:

• M B - L F L 1 2 0 5 - - 2 4 -

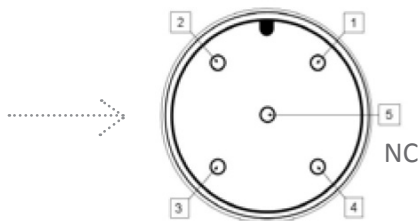
W	White 5500k	*BLANK	10 ft. Flying Leads
R	Red 630nm	T	M12 Quick Disconnect
G	Green 530nm	ILD	In Line Dimmer
B	Blue 455 nm	ILS	In Line Strobe (customer provide trigger info)
IRL	Infrared 880nm		
UVL	(long) 395nm		
UVS	(short) 365nm		

MetaBright™ Linear Front Light

Model#: MB-LFL1205

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.

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

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

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	METAPHASE TECHNOLOGIES, INC.
DIMENSIONS ARE IN INCHES		DRAWN	KW	3/21/2012
TOLERANCES:		CHECKED		
FRACTIONAL ±		ENG APPR.		
ANGULAR: MINUS ±		MFG APPR.		
BEND ±		Q.A.		
TWO PLACE DECIMAL ±		COMMENTS:		
THREE PLACE DECIMAL ±				
INTERPRET GEOMETRIC TOLERANCING PER:				
MATERIAL:				
NEXT ASSY	USED ON	FINISH		
APPLICATION		DO NOT SCALE DRAWING		

SIZE DWG. NO. REV
B LFL1201 **A**

SCALE: 1:10 WEIGHT: SHEET 1 OF 1