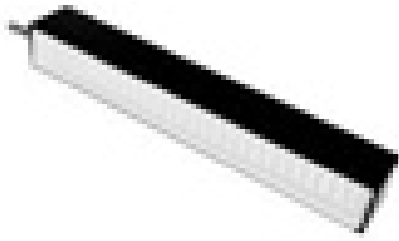


MetaBright™ Linear Front Light

Model#: MB-LFL405



- 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-LFL405-W-24	White 5500K	24 volt power supply available upon request.	Current Consumption	1.08A @ 24VDC
MB-LFL405-R-24	Red 630nm		Housing	Aluminum
MB-LFL405-B-24	Blue 455nm		Finish	Anodized
MB-LFL405-G-24	Green 530nm		Intensity Uniformity	+/-5%
MB-LFL405-IRN-24	Infrared 850nm		Operating Temperature	120° F Max
MB-LFL405-IRL-24	Infrared 880nm		Illuminance	120,000 Lux
MB-LFL405-UVL-24	UV 395nm		Compliance	CE/RoHS
MB-LFL405-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 15 in 25.4mm x 381mm	16.3in x 1.125in x 1.25in 414mm x 28mm x 31.75mm

ORDERING INFORMATION:

• M B - L F L 4 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		

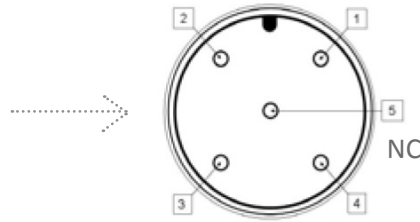


MetaBright™ Linear Front Light

Model#: MB-LFL405

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

Dimensions:

- 16.320 [414.53 mm]
- 15.720 [399.29 mm]
- 1.250 [31.75 mm]
- .520 [13.21 mm]
- .366 [9.29 mm]
- 1.125 [28.58 mm]
- .560 [14.22 mm]
- CABLE Ø.3 [7.1 mm]

Mounting Hole: 8-32 UNC 3/8 DEEP 4 PLACES

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Metaphase Technologies, Inc.
DIMENSIONS ARE IN MM (INCHES DRAWN)			7/24/08	
TOLERANCES:		CHECKED		TITLE:
FRACTIONAL: ±		ENG APPR.		Linear Front Light 15"
ANGULAR: MACH ±	BEND	MFG APPR.		
TWO PLACE DECIMAL ±		D.A.		
THREE PLACE DECIMAL ±		COMMENTS:		
INTERPRET GEOMETRIC TOLERANCING PER:				
MATERIAL:				SIZE/DWG. NO.
				B LFL 401
				REV
				A
APPLICATION	DO NOT SCALE DRAWING			SCALE: 1:2
				WEIGHT:
				SHEET 1 OF 1

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