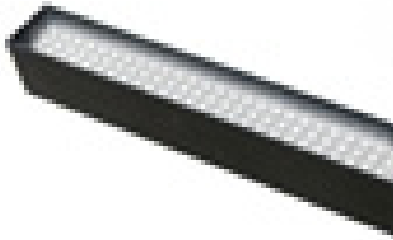


MetaBright™ Linear Front Light

Model#: MB-LFL1305



- 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-LFL1305-W-24	White 5500K	24 volt power supply available upon request.	Current Consumption	4.41A @ 24 VDC
MB-LFL1305-R-24	Red 630nm		Housing	Aluminum
MB-LFL1305-B-24	Blue 455nm		Finish	Anodized
MB-LFL1305-G-24	Green 530nm		Intensity Uniformity	+/-5%
MB-LFL1305-IRN-24	Infrared 850nm		Illuminance	120,000 Lux
MB-LFL1305-IRL-24	Infrared 880nm		Operating Temperature	120° F Max
MB-LFL1305-UVL-24	UV 395nm		Compliance	CE/RoHS
MB-LFL1305-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 60 in 25.4mm x 1524mm	61.81in x 1.13in x 1.25in 1569mm x 28.58mm x 31.75mm

ORDERING INFORMATION:

• M B - L F L 1 3 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.

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Trade register No. 17150044, VAT No. NL8112.30.946.B01

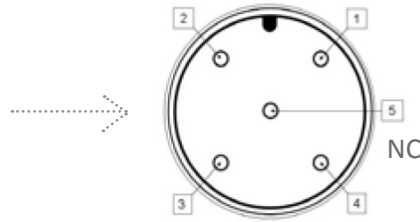


MetaBright™ Linear Front Light

Model#: MB-LFL1305

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	3/21/12	

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	METAPHASE TECHNOLOGIES, INC.
DIMENSIONS ARE IN INCHES		DRAWN	KW	3/21/2012
TOLERANCES:		CHECKED		TITLE:
FRACTIONAL ±		ENG APPR.		FRONT LIGHT, LINEAR, 1 X 60 INCH
ANGULAR: MINUS ±		MFG APPR.		
BEND ±				
TWO PLACE DECIMAL ±				
THREE PLACE DECIMAL ±				
INTERPRET GEOMETRIC TOLERANCING PER:		Q.A.		
MATERIAL:		COMMENTS:		
FINISH		SIZE DWG. NO.		
APPLICATION		DO NOT SCALE DRAWING		
		SCALE: NTS WEIGHT: SHEET 1 OF 1		