

MetaLight™ Linear Front Light

Model#: LFL2X11



- 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:	
LFL2X11-W-24	White 5500K	24 volt power supply available upon request.	Current Consumption	1.05A @ 24VDC
LFL2X11-R-24	Red 630nm		Housing	Aluminum
LFL2X11-B-24	Blue 455nm		Finish	Anodized
LFL2X11-G-24	Green 530nm		Intensity Uniformity	+/-5%
LFL2X11-IRN-24	Infrared 850nm		Operating Temperature	120° F Max
LFL2X11-IRL-24	Infrared 880nm		Illuminance	75,000 Lux
LFL2X11-UVL-24	UV 395nm		Compliance	CE/RoHS
LFL2X11-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 65 in 25.4mm x 1651mm	66.81in x 1.13in x 1.25in 1696mm x 28.58mm x 31.75mm

ORDERING INFORMATION:

• L F L 2 x 1 1 - - 2 4 -

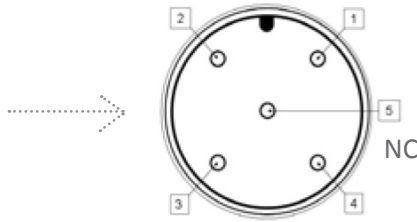
W	White 5500k	*BLANK	10 ft. Flying Leads
R	Red 630nm	T	M12 Quick Disconnect
G	Green 530nm	ILD	In Line Dimmer
B	Blue 455 nm	ILS	In Line Strobe (customer provide trigger info)
IRL	Infrared 880nm		
UVL	(long) 395nm		
UVS	(short) 365nm		

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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

Technical drawing showing dimensions for the LFL2X11 linear front light. Dimensions are provided in inches and millimeters.

- Top view dimensions: .73 [18.6], 1.36 [34.5], 1.25 [31.8], 2.20 [56], 4.18 [106.2], 7.63 [193.8], 3.63 [92.2], 1.00 [25.4]
- Side view dimensions: 1.86 [47.2], 2.04 [51.9]
- Front view dimensions: 12.00 [304.8], 2.72 [69.1]

Callouts include: "/4-20 THREADED INSERT (4) PLACES" and "ELECTRICAL CABLE, 10 FT. LG (4) CONDUCTOR, 22 AWG WITH FLYING LEADWIRE ENDS".

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED

UNLESS OTHERWISE SPECIFIED:	NAME	DATE	METAPHASE TECHNOLOGIES, INC.
DIMENSIONS ARE IN INCHES	DRAWN	KW	4/23/2012
TOLERANCES:	CHECKED		
FRACTIONAL #/164			
ANGULAR DECIMAL ±.010	ENCL APPL		
PER PLACE DECIMAL # .005	INTG APPL		
THREE PLACE DECIMAL # .005	D.A.		
UNLESS OTHERWISE SPECIFIED:	COMMENTS:		
TOLERANCES:			
FINISH:			
DATE:			
USED ON:			
APPLICATION:	DO NOT SCALE DRAWING		

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SHEET 1 OF 1



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