

MetaLight™ Linear Front Light Model#: LFL2X8



- 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:	
LFL2X8-W-24	White 5500K	24 volt power supply available upon request.	Current Consumption	0.9A @ 24VDC
LFL2X8-R-24	Red 630nm		Housing	Aluminum
LFL2X8-B-24	Blue 455nm		Finish	Anodized
LFL2X8-G-24	Green 530nm		Intensity Uniformity	+/-5%
LFL2X8-IRN-24	Infrared 850nm		Operating Temperature	120° F Max
LFL2X8-IRL-24	Infrared 880nm		Illuminance	75,000 Lux
LFL2X8-UVL-24	UV 395nm		Compliance	CE/RoHS
LFL2X8-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 8 - - 2 4 -

W White 5500k
R Red 630nm
G Green 530nm
B Blue 455 nm
IRL Infrared 880nm
UVL (long) 395nm
UVS (short) 365nm

***BLANK**
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10 ft. Flying Leads
M12 Quick Disconnect
In Line Dimmer
In Line Strobe (customer provide trigger info)

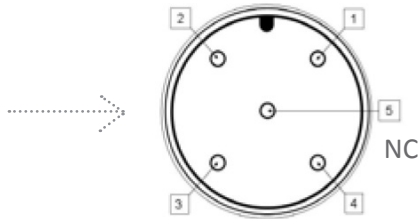
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Wiring Diagram

Flying Leads	Function
RED	+24VDC
BLACK	Ground
WHITE	+24VDC
GREEN	Ground

M12 Connector

PIN #	Function
1	+24VDC
2	0-10VDC Intensity Control
3	Ground
4	Signal 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		
FRACTIONAL ±		ENG APPR.		
ANGULAR: MINUS ±		MFG APPR.		
BEND ±		Q.A.		
TWO PLACE DECIMAL ±		COMMENTS:		
THREE PLACE DECIMAL ±				
INTERPRET GEOMETRIC TOLERANCING PER:				
MATERIAL:				
FINISH:				
NEXT ASSY	USED ON	APPLICATION	DO NOT SCALE DRAWING	

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SIZE	DWG. NO.	REV
B	LFL1401	A
SCALE: NTS	WEIGHT:	SHEET 1 OF 1



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