

MetaLight™ Linear Front Light

Model#: LFL701



- 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:	
LFL701-W-24	White 5500K	24 volt power supply available upon request.	Current Consumption	0.9A @ 24VDC
LFL701-R-24	Red 630nm		Housing	Aluminum
LFL701-B-24	Blue 455nm		Finish	Anodized
LFL701-G-24	Green 530nm		Intensity Uniformity	+/-5%
LFL701-IRN-24	Infrared 850nm		Illuminance	75,000 Lux
LFL701-IRL-24	Infrared 880nm		Operating Temperature	120° F Max
LFL701-UVL-24	UV 395nm		Compliance	CE/RoHS
LFL701-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 30 in 25.4mm x 762mm	31.70in x 1.13in x 1.25in 801mm x 28.58mm x 31.75mm

ORDERING INFORMATION:

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

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

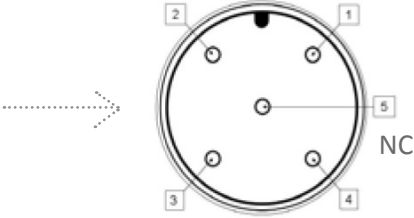
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Wiring Diagram

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

ILLUMINATION AREA

1.00 [25.40]

30.00 [762]

31.70 [805.18]

1.13 [28.58]

1.84 [46.81]

.37 [9.27]

1.25 [31.75]

.52 [13.21]

.56 [14.29]

#8-32 UNC x 5/16 DP.
(2) PLACES
BOTH SIDES
(4) HOLES TOTAL.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	REVISED AND REDRAWN, KW	8/29/2011	

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