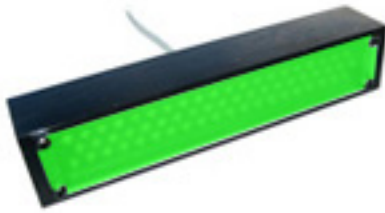


## MetaLight™ Linear Front Light Model#: LFL201



- 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:	
LFL201-W-24	White 5500K	24 volt power supply available upon request.	Current Consumption	0.15A
LFL201-R-24	Red 630nm		Housing	Aluminum
LFL201-B-24	Blue 455nm		Finish	Anodized
LFL201-G-24	Green 530nm		Intensity Uniformity	+/-5%
LFL201-IRN-24	Infrared 850nm		Operating Temperature	120° F Max
LFL201-IRL-24	Infrared 880nm		Illuminance	75,000 Lux
LFL201-UVL-24	UV 395nm		Compliance	CE/RoHS
LFL201-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 5.6 in 25.4mm x 143mm	6in x 1.25in x 1.89in 153mm x 31.75mm x 47mm

### ORDERING INFORMATION:

• L F L 2 0 1 -  - 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** 10 ft. Flying Leads  
**T** M12 Quick Disconnect  
**ILD** In Line Dimmer  
**ILS** In Line Strobe (customer provide trigger info)

## MetaLight™ Linear Front Light

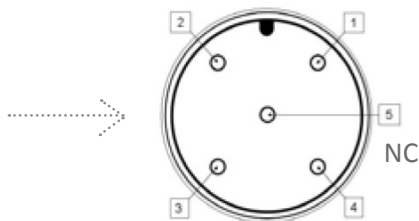
Model#: LFL201

### 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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	B	REVISED AND REDRAWN, KW	7/25/2011	

FOUR CONDUCTOR ELECTRICAL CABLE  
24 AWG, 10 FT LONG WITH  
FLYING LEADWIRE ENDS.

#8-32 UNC X 5/16 DP  
BOTTOM TAP  
(2) PLACES, BOTH SIDES  
(4) HOLES TOTAL

<p><b>PROPRIETARY AND CONFIDENTIAL</b> THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF METAPHASE TECHNOLOGIES, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF METAPHASE TECHNOLOGIES, INC. IS PROHIBITED.</p>						
	UNLESS OTHERWISE SPECIFIED:	NAME	DATE	METAPHASE TECHNOLOGIES, INC.		
	DIMENSIONS ARE IN INCHES	DRAWN	KW	7-25-11	TITLE:	
	FRACTIONALS: FRACTIONALS	CHECKED			FRONT LIGHT, LINEAR, 1 X 5 INCH	
ANGULAR: MACH 2	ENG APPR.			SIZE DWG. NO.		
TWO PLACE DECIMAL	MFG APPR.			B LFL201		
THREE PLACE DECIMAL	Q.A.			REV		
INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:			B		
MATERIAL:				SCALE: 1:2 WEIGHT: SHEET 1 OF 1		
FINISH:						
APPLICATION:						