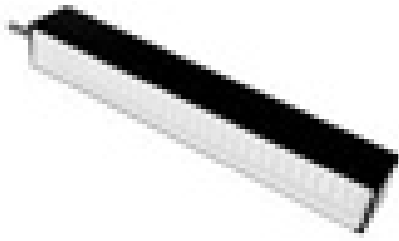


## MetaLight™ Linear Front Light Model#: LFL401



- 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:	
LFL401-W-24	White 5500K	24 volt power supply available upon request.	Current Consumption	.45A @ 24VDC
LFL401-R-24	Red 630nm		Housing	Aluminum
LFL401-B-24	Blue 455nm		Finish	Anodized
LFL401-G-24	Green 530nm		Intensity Uniformity	+/-5%
LFL401-IRN-24	Infrared 850nm		Operating Temperature	120° F Max
LFL401-IRL-24	Infrared 880nm		Illuminance	75,000 Lux
LFL401-UVL-24	UV 395nm		Compliance	CE/RoHS
LFL401-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 15 in 25.4mm x 381mm	16.3in x 1.125in x 1.25in 414mm x 28mm x 31.75mm

### ORDERING INFORMATION:

• L F L 4 0 1 -  - 2 4 -

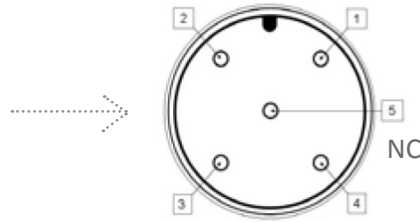
**W** White 5500k  
**R** Red 630nm  
**G** Green 530nm  
**B** Blue 455 nm  
**IRL** Infrared 880nm  
**UVL** (long) 395nm  
**UVS** (short) 365nm

**\*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#: LFL401

### 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

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN MM (INCHES DRAWN)			7/24/08
TOLERANCES:		CHECKED	
FRACTIONAL: ±	BEND	ENG APPR.	
ANGULAR: MACH ±	TWO PLACE DECIMAL ±	MFG APPR.	
THREE PLACE DECIMAL ±		D.A.	
INTERPRET GEOMETRIC TOLERANCING PER:		COMMENTS:	
MATERIAL:			
FINISH:			
NEXT ASSY:	USED ON:		
APPLICATION:	DO NOT SCALE DRAWING		

Metaphase Technologies, Inc.  
TITLE: Linear Front Light 15"  
SIZE: DWG. NO. LFL 401 REV A  
SCALE: 1:2 WEIGHT: SHEET 1 OF 1

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