

Area Front Light

Model#: FL301



- The lowest cost per square inch LED bar lights for your standard intensity front lighting illumination needs
- Available in 3 different sizes to serve smaller work envelopes, industry proven design for virtually any lighting application
- Solid one-piece machined enclosed aluminum housings and thermal potting assures long life performance even in rugged dust environments
- Shock and Vibration resistant

Part #	Color	Power Supply	Specifications:	
FL301-W-24	White 6000 K	24 volt power supply available upon request.	Current Consumption	0.5A
FL301-R-24	Red 630nm		Finish	Black Anodized
FL301-B-24	Blue 455nm		Intensity Uniformity	+/-5%
FL301-G-24	Green 530nm		Weight	0.5lbs
FL301-IRN-24	Infrared 850nm		Operating Temperature	120° F Max
FL301-IRL-24	Infrared 880nm		Compliance	CE/RoHS
FL301-UVL-24	UV 395nm		Illuminance	45,000 Lux
FL301-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
2.85in x 2.85in 72.4mm x 72.4mm	Length: 4.10in / 104mm Width: 3.40in / 86.44mm Height: .995in / 25.3mm

ORDERING INFORMATION:

• F L 3 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

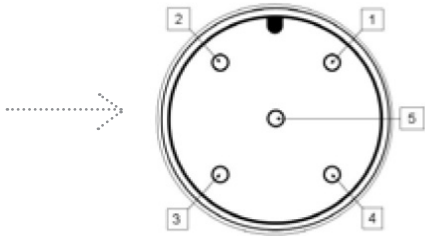
***BLANK** 10 ft. Flying Leads
T M12 Quick Disconnect
ILD In Line Dimmer
ILS In Line Strobe (customer provide trigger info)

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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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	REVISED AND REDRAWN, KW	7/21/2011	

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	<p>DRAWN</p> <p>CHECKED</p> <p>ENG APPR.</p> <p>MFG APPR.</p> <p>G.A.</p> <p>COMMENTS:</p>			
	<p>NEXT ASSY</p> <p>USED ON</p> <p>FINISH</p> <p>APPLICATION</p>	<p>DO NOT SCALE DRAWING</p>		
	<p>SIZE</p> <p>B</p>	<p>DWG. NO.</p> <p>FL301</p>	<p>REV</p> <p>A</p>	<p>SCALE: 1:1</p> <p>WEIGHT:</p> <p>SHEET 1 OF 1</p>