

Area Front Light Model#: FL201



- 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:	
FL201-W-24	White 6000 K	24 volt power supply available upon request.	Current Consumption	0.12A
FL201-R-24	Red 630nm		Finish	Powder Coated Black
FL201-B-24	Blue 455nm		Intensity Uniformity	+/-5%
FL201-G-24	Green 530nm		Weight	0.4lbs
FL201-IRN-24	Infrared 850nm		Operating Temperature	120° F Max
FL201-IRL-24	Infrared 880nm		Illuminance	45,000 Lux
FL201-UVL-24	UV 395nm		Compliance	CE/RoHS
FL201-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
1.3 in x 2.5 in 33.02mm x 63.5mm	Length: 3.4in / 86.4mm Width: 1in / 25.4mm Height: 1.7in / 43.2mm

ORDERING INFORMATION:

• F L 2 0 1 - - 2 4 -

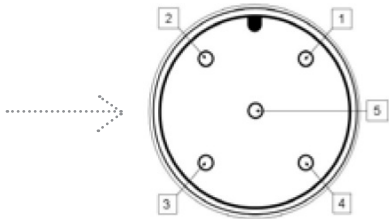
W	White 5500k	*BLANK	10 ft. Flying Leads
R	Red 630nm	T	M12 Quick Disconnect
G	Green 530nm	ILD	In Line Dimmer
B	Blue 455 nm	ILS	In Line Strobe (customer provide trigger info)
IRL	Infrared 880nm		
UVL	(long) 395nm		
UVS	(short) 365nm		

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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	

(4) CONDUCTOR ELECTRICAL CABLE
24AWG, 10 FT LG.
WITH FLYING LEADWIRE ENDS.

#8-32 UNC X 3/16 DP
BOTTOM TAP
DO NOT BREAK THRU
(2) PLACES, BOTH SIDES
(4) HOLES TOTAL.

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	METAPHASE TECHNOLOGIES, INC.	
DIMENSIONS ARE IN INCHES		DRAWN	KW		7-21-11
TOLERANCES:		CHECKED			TITLE:
FRACTIONAL ±		ENG APPR.			FRONT LIGHT, 1.3" X 2.5"
ANGULAR: HATCH ±		MFG APPR.		SIZE DWG. NO.	
BEND ±		G.A.		B FL201	
TWO PLACE DECIMAL ±		COMMENTS:		REV	
THREE PLACE DECIMAL ±				A	
INTERPRET GEOMETRIC TOLERANCING PER:				SCALE: 1:2	
MATERIAL:				WEIGHT:	
NEXT ASSY		USED ON	FRSH	SHEET 1 OF 1	
APPLICATION		DO NOT SCALE DRAWING			

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