

FL Billboard Flood

FLOOD / SIGNAGE LIGHTING

300-480V

100-277V

**LM79
LM80**

IP66



PROJECT INFORMATION

Project Name _____

Catalog No. _____ Date _____

DESCRIPTION

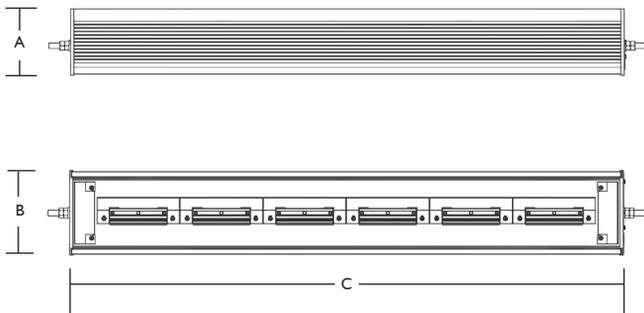
The ActiveLED® FL Series Billboard Flood Luminaire combines architectural form and a patented design offering a versatile solution to fit virtually any flood application. Designed to provide high uniformity and excellent light distribution while minimizing light pollution. The FL Series Billboard Flood consumes 50-85 percent less energy than conventional HID lighting and may easily be installed as new or retrofit lighting. Ideal for billboard lighting, architectural wall washing and facade lighting.

Applications include: Billboard Lighting, Architectural Wall Washing and Facade Lighting.



FL40 with AT Mount

DIMENSIONS



A	B	C
4.76"	6.13"	40.32"
12.1cm	15.9cm	102.41cm

MOUNTING OPTIONS



Contact the Factory for other Mounting Options

FEATURES

- ActiveREST™ Dimming Technology - Fixture may be automatically dimmed when full light levels are not required. EXAMPLE - Dimming level 40 equates to less than 9% of actual watts being consumed.
- ThermalDRAW™ Cooling Technology - Patented cooling technology ensures LED components will equal or exceed warranty.
- LightSpace® Lighting Controls - Fixture is capable of being programmed and controlled either individually or as part of a lighting zone via remote sensors, switches or building management system (BMS).
- Battery Backup Enabled - This option provides 48V DC support for an Emergency Battery Backup Unit (BBU sold separately) creating an Emergency LED Light Fixture.
- Dusk/Dawn Sensor - Optional photocell allows fixture to automatically turn on or off based on daylight detection.
- IR Receiver Plus Motion - Optional remote passive infrared (PIR) motion sensor with IR receiver for programmable Vacant-to-OFF and Vacant-to-Dim level programming.
- IR Receiver - Optional integral IR sensor only for ON-to-Dim programming.
- Warranty - 10 Year Warranty on LED elements, fixture housing, and LED Driver. Eligible for extended two year warranty. See page 2 for additional warranty information.



LIGHT OUTPUT

8,651 lm

WATTS

75W

LUMENS per WATT

87.61 lm/W

LIGHT COLOR (CCT)

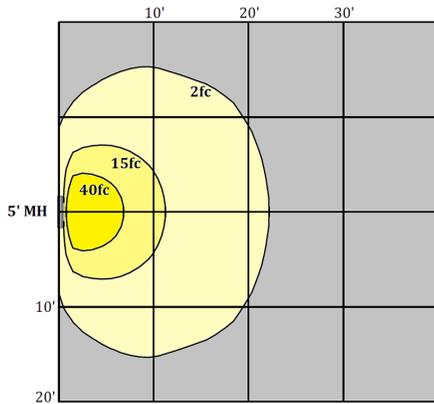
5104 K

ActiveLED®
Energy Efficient Lighting and Controls

NOTE: Lighting Facts shown for FL40, 72W only.
For more Lighting Facts, visit lightingfacts.com for the Label and Label Reference Guide.



PHOTOMETRICS



PERFORMANCE DATA

AMBIENT TEMPERATURES	0 HOURS	45,000 HOURS	90,000 HOURS
77°F (25°C)	1.00	0.99	0.99
104°F (40°C)	1.00	0.98	0.96
131°F (55°C)	1.00	0.96	0.92
140°F (60°C)	1.00	0.95	0.90

Projected Lumen Maintenance (TM-21)

NOTE: Calculated using data collected according to LM-80 lumen maintenance on the LED package.

NOTE: Photometrics shown for FL40, 72W only. Contact company for photometrics on other sizes.

GENERAL SPECIFICATIONS

Input Voltage	Auto-sensing, 100-277 Volts AC, 50/60 Hz; Auto-sensing, 300-480 Volts AC, 50/60 Hz	LED Optics	IP66 rated, thermally bonded LEDs, borosilicate glass lens w/silicone sealing. Patented thermal management mounting system
Input Power	6, 12, 18, 24, 48, 72 LED Watts 8, 14, 20, 28, 50, 75 Input Watts	CCT	2700K, 3000K, 3500K, 4000K, or 5000K
Power Factor	> 0.95 (at ~100-277 Volts)	Housing	Extruded aluminum for enclosure and heat sinking parts, stainless steel hardware
THD	Total Harmonic Distortion (THD) <20% (typical 9.9%)	Finish	Powder coated after fabrication
Driver	Integral driver with integrated intelligent controls and integral heat sink	Dimensions	6.13" Wide, 40.35" Long and 4.76" High (15.59cm x 102.5cm x 12.1cm)
Operating Temperature	-58° F to 149° F (-50° C to 65° C)	Weight	28 pounds (12.7kg) For FL40
Lumen Lifetime	L90/90K Hrs @ 60° C (90,000 Hrs with 90% Luminous Flux)		

WARRANTY

Ten (10) Year Warranty - LEDs, Fixture, and Driver shall conform to its published specifications under normal usage and operating conditions including "no light loss" of more than 10% at the end of the period. LEDs will produce at least 90% of their initial light output with no color shift after 90,000 hours of operation. Extended 2 year warranty available when fixture is used in conjunction with an ActiveLED Surge Protection Device (SPD). See "Limited Warranty for Ringdale Industries and ActiveLED Lighting Products" for more information.

LISTINGS AND TESTS

cUL listed driver, UL 1598, CE, suitable for exterior locations. RoHS compliant. IP66 Rated optical assembly. LM-79 and LM-80 info available. Conforms to FCC Part 15.19 Subpart B Class A. Made in USA - ARRA Compliant.

ORDERING INFORMATION

Example: FL40U-AT-BF5072BK-C



Style	Voltage	Mount	Optics	Diffuser	CCT	Watts	Color	Options
FL08 8" Flood Light (6, 12 Watt Only)	U 100-277 VAC, 50/60 Hz.	AT All Thread Mounting	B Billboard Pattern	F Clear Low FE Diffuser	50 5,000K	6 6W LED, 8W Max	SL Silver	B Battery Backup
FL11 11" Flood Light (6, 12, 18, 24 Watt Only)	6 300-480 VAC, 50/60 Hz., Digitally & BBU Enabled	2S Stirrup Included		C High Impact Diffuser	40 4,000K	12 12W LED, 14W Max	BK Black	C Digital Management
FL13 13" Flood Light (12, 18, 24 Watt Only)	S Solar Integrated, DC Only Driver ¹	2K Knuckle Tenon Center		D Mottled Glass Diffuser	35 3,500K	18 18W LED, 20W Max	BR Brown	D Dusk-to-Dawn
FL40 40" Flood Light (48, 72 Watt Only)	N None ² E 45/48 VDC Driver ³	3K Knuckle J-Box Center			30 3,000K	24 24W LED, 26W Max	BZ Bronze	F Dusk-to-Dawn w/ Digital Management
		4K Knuckle J-Box Center			27 2,700K	48 48W LED, 50W Max	CG Charcoal	J Dusk/Dawn plus Motion/IR
		5K Knuckle J-Box Center				72 72W LED, 75W Max Lumens at 5,000K	WH White	M Motion+ IR Receiver, programmable
							X Custom	R IR Receiver Only, Programmable ³

¹ 48W and 72W Only.

² Requires remote driver. Consult factory.

³ No AC Support.