

FL Series Flag Pole Light

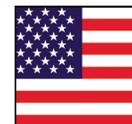
FLOOD / SIGNAGE LIGHTING

300-480V

100-277V

**LM79
LM80**

IP65



PROJECT INFORMATION

Project Name _____

Catalog No. _____ Date _____

DESCRIPTION

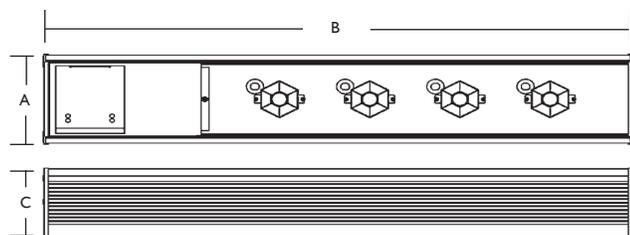
The ActiveLED® FL Series Flag Pole Light with its patented design and superior LED elements is a reliable light source with a 90,000-hour lumen life, making it a maintenance free solution for applications where changing lamps and ballasts can be hazardous and expensive. The ActiveLED® FL Series offers directional control and minimizes light pollution outside the targeted light footprint for improved visibility and efficiency. The ActiveLED® FL Series applications include but are not limited to flag poles, monuments, statues and signage.



FL Series Flag Pole Lights

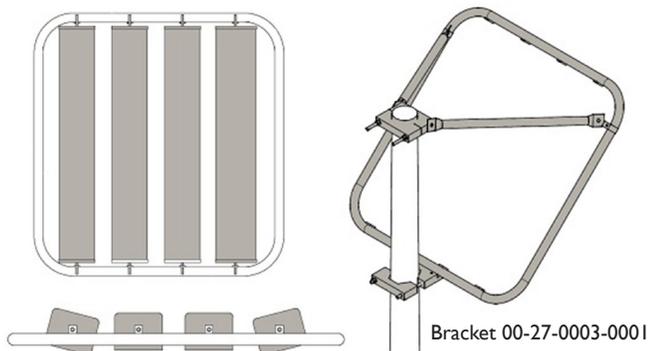
Applications include: Flag Poles, Monuments, Statues and Signage

DIMENSIONS



A	B	C
6.13"	4.69"	40.32"
15.57cm	11.91cm	102.41cm

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

8,658 lm

WATTS

101.4 W

LUMENS per WATT

84.5 lm/W

LIGHT COLOR (CCT)

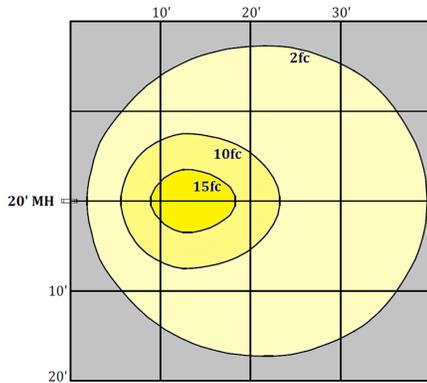
4920 K

ActiveLED®
Energy Efficient Lighting and Controls

NOTE: Lighting Facts shown for FL34, 101W 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 FL34, 101W 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	IP65 rated, thermally bonded LEDs, borosilicate glass lens w/silicone sealing. Patented thermal management mounting system
Input Power	25, 50, 75 or 100 Input Watts 26, 52, 78 or 102 LED 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 x 40.32" Long x 4.69" High (15.57cm x 102.41cm x 11.91cm)
Operating Temperature	-58° F to 149° F (-50° C to 65° C)	Weight	28 pounds (12.7kg)
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. IP65 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: FL34U-2K-PF5099BZ-D



Style	Voltage	Mount	Optics	Diffuser	CCT	Watts	Color	Options
FL24 24" Flood Light 50 Watt Max	U 100-277 VAC, 50/60 Hz.	AT All Thread Mounting	P Flag Pole Pattern	F Clear Low FE Diffuser	50 5,000K	25 25W LED, 26W Max	SL Silver	B Battery Backup
FL30 30" Flood Light 75 Watt Max	Auto Sensing	2S Stirrup Included		C High Impact Diffuser	40 4,000K	50 50W LED, 52W Max	BK Black	C Digital Management
FL34 34" Flood Light 100 Watt Max	6 300-480 VAC, 50/60 Hz., Digitally & Auto Sensing	2K Knuckle Tenon Center		D Mottled Glass Diffuser	35 3,500K	75 75W LED, 78W Max	BR Brown	D Dusk-to-Dawn
	S Solar Integrated, DC Only Driver	3K Knuckle J-Box Center			30 3,000K	99 100W LED, 102W Max	BZ Bronze	F Dusk-to-Dawn w/ Digital Management
	N None ¹	4K Knuckle Tenon Center			27 2,700K	Lumens at 5,000K	CG Charcoal	J Dusk-to-Dawn plus motion/IR
	E 45/48 VDC Power Supply (No AC Support)	5K Knuckle J-Box Center					WH White	M Motion + IR Receiver programmable
							X Custom	R IR Receiver Only, Programmable

¹ Requires remote driver. Consult factory.
² No AC Support.