

FL40 Area Flood

FLOOD / SIGNAGE LIGHTING

**48V
DC**

**100-
277V**

**LM79
LM80**

IP65



PROJECT INFORMATION

Project Name _____

Catalog No. _____

Date _____

DESCRIPTION

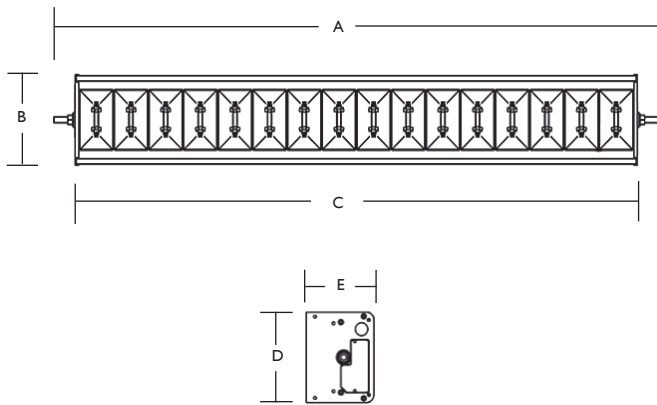
The ActiveLED® Area Flood Luinaire is designed to give a clean, even pattern of light over an extended outdoor area. With nearly 1,000 sq. ft. of light coverage (Fixture Mounted at 20'), the FL40 Area Flood Light is an ideal choice for locations where lighting poles are spaced further apart, or it's necessary to throw light out into an extended space such as a parking area, a park or recreation area. This fixture also works well to light up a retail or commercial building while attached to poles in the parking area.

Applications include: Parking Lots, Parks and Recreation Areas.



FL40 with AT Mount

DIMENSIONS



A	B	C	D	E
43.20"	6.13"	40.32"	6.13"	4.76"
1097.33cm	15.57cm	102.41cm	15.57cm	12.09cm

FEATURES

- ActiveREST™ Dimming Technology - Fixture may be automatically dimmed when full light levels are not required.
- 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 - 10Year Warranty on LED elements, fixture housing, and LED Driver.



LIGHT OUTPUT

14,200 lm

WATTS

98.8W

LUMENS per WATT

150 lm/W

LIGHT COLOR (CCT)

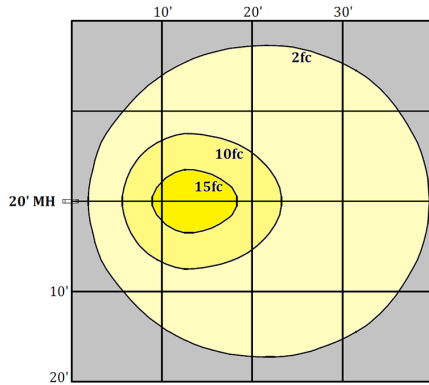
5104 K

ActiveLED®
Energy Efficient Lighting and Controls

NOTE: Lighting Facts shown for FL40, 96W 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, 96W in vertical angled position 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	28, 40, 50, 75 or 104 Watts	CCT	2700K, 3000K, 3500K, 4000K, or 5000K
Power Factor	> 0.95 (at ~120...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	FL40 - 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 I598, 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-HF5096SL-B

Style	Voltage	Mount	Optics	Diffuser	CCT	Watts	Color	Options
FL40 40" Flood Light	U 100-277 VAC, 50/60 Hz.	AT All Thread Mounting	H Flood	F Clear Low FE Diffuser	50 5,000K	48 50W - 7,500lm	SL Silver	B Battery Backup
	6 300-480 VAC, 50/60 Hz., Digitally & BBU Enabled	2S Stirrup Included		C High Impact Diffuser	40 4,000K	72 75W - 12,200lm	BK Black	C Digital Management
	S Solar Integrated, DC Only Driver	2K Knuckle Tenon Center		D Mottled Glass Diffuser	35 3,500K	96 104W - 14,200lm	BR Brown	D Dusk-to-Dawn
	N None ¹	3K Knuckle J-Box Center			30 3,000K	Lumens at 5,000K	BZ Bronze	F Dusk-to-Dawn w/ Digital Management
	E 45/52 VDC Power Supply				27 2,700K		CG Charcoal	R IR Receiver Only, Programmable
							WH White	
							X Custom	

¹ Requires remote driver. Consult factory.

² No AC Support.

³ 48W and 72W Only.