

FL Series Traditional / Narrow Flood

FLOOD / SIGNAGE LIGHTING

300-480V

100-277V

**LM79
LM80**

IP66



PROJECT INFORMATION

Project Name _____

Catalog No. _____ Date _____

DESCRIPTION

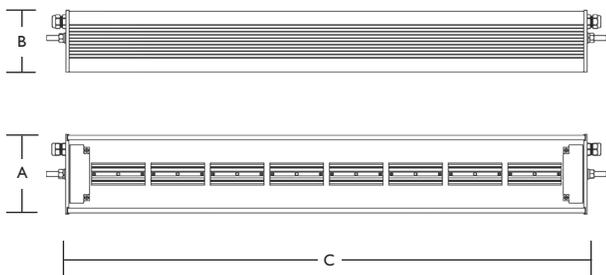
The ActiveLED® FL Series Traditional / Narrow Flood Luminaire combines architectural form, patented design and offers multiple light patterns for a versatile solution to fit virtually any flood application. Engineered to provide high uniformity and excellent light distribution while minimizing light pollution. FL Series Traditional / Narrow Flood consumes 50-85 percent less energy than conventional HID lighting and may easily be installed as new or retrofit lighting. Ideal for retail, manufacturing and warehouse lighting.

Applications include: Retail, Manufacturing and Warehouse Lighting.



FL40 with AT Mount

DIMENSIONS



A	B	C
6.13"	4.76"	40.32"
15.59cm	12.1cm	102.41cm

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. See page 2 for additional warranty information.

MOUNTING OPTIONS



Contact the Factory for other Mounting Options

LIGHT OUTPUT

8,651 lm

WATTS

98.8W

LUMENS per WATT

87.61 lm/W

LIGHT COLOR (CCT)

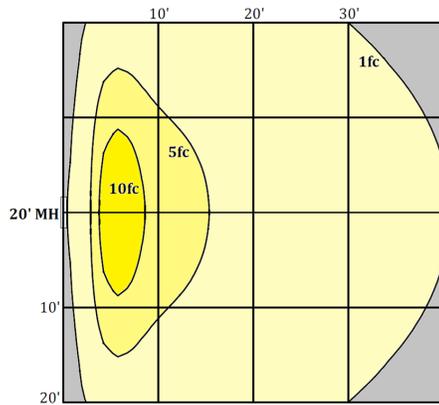
5104 K

NOTE: Lighting Facts shown for FL40, 96W only.
For more Lighting Facts, visit lightingfacts.com for the Label and Label Reference Guide.

ActiveLED®
Energy Efficient Lighting and Controls



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 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	24, 36, 48, 72 or 96 LED Watts 28, 40, 50, 75 or 104 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	4.76" Height, 6.13" Wide and 40.35" Length (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)
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.

LISTINGS AND TESTS

cUL listed driver, 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: FL24U-AT-TF5024BK-J



Style	Voltage	Mount	Optics	Diffuser	CCT	Watts	Color	Options
FL24 24" Flood Light (24,36,48 Watt Only)	U 100-277 VAC, 50/60 Hz.	AT All Thread Mounting	N Narrow Pattern	F Clear Low FE Diffuser	50 5,000K	24 24W LED, 28W Max	SL Silver	B Battery Backup
FL40 40" Flood Light (48,72,96 Watt Only)	6 300-480 VAC, 50/60 Hz., Digitally & BBU Enabled	2S Stirrup Included	T Traditional Pattern	C High Impact Diffuser	40 4,000K	36 36W LED, 38W Max	BK Black	C Digital Management
	S Solar Integrated, DC Only Driver ¹	2K Knuckle Tenon Center		D Mottled Glass Diffuser	35 3,500K	48 48W LED, 50W Max	BR Brown	D Dusk-to-Dawn
	N None ²	3K Knuckle J-Box Center			30 3,000K	72 72W LED, 75W Max	BZ Bronze	F Dusk-to-Dawn w/ Digital Management
	E 45/48 VDC Driver ³	4K Knuckle Tenon End			27 2,700K	96 96W LED, 102W Max (8651 Lumens)	CG Charcoal	J Dusk/Dawn plus Motion/IR
		5K Knuckle J-Box End				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.