

FL Series FL40 Extra Wide

FLOOD / SIGNAGE LIGHTING



PROJECT INFORMATION

Project Name _____

Catalog No. _____ Date _____

DESCRIPTION

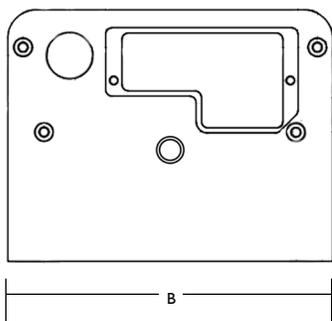
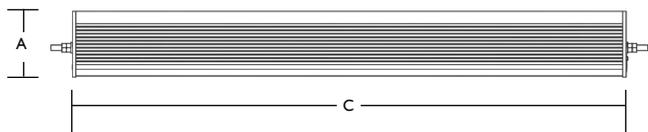
The ActiveLED® FL Series FL40 Extra Wide Flood Luminaire combines architectural form and a patented design offering a versatile solution to fit virtually any flood application. Designed to provide high uniformity and excellent light distribution while minimizing light pollution. The FL Series FL40 Extra Wide Flood consumes 50-85 percent less energy than conventional HID lighting and may easily be installed as new or retrofit lighting.



FL40 Extra Wide

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

DIMENSIONS



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



LIGHT OUTPUT

15,360 Lm

WATTS

96 W

LUMENS per WATT

160 Lm/W

LIGHT COLOR (CCT)

5,000 K

ActiveLED®
Energy Efficient Lighting and Controls

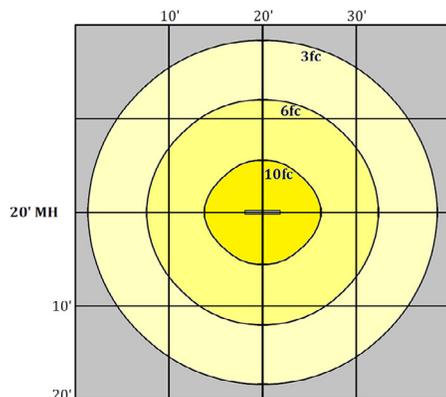
NOTE: Lighting Facts shown for Extra Wide 96W only.
For more Lighting Facts, visit lightingfacts.com for the Label and Label Reference Guide.



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PHOTOMETRICS



Extra Wide Pattern

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.

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	104 Input Watts, 96 LED Watts	CCT	2700K, 3000K, 3500K, 4000K, or 5000K
Power Factor	> 0.95 (at ~100-277 Volts)	Housing	Extruded aluminum housing, extruded specular aluminum reflectors, LEDs with clear patterned glass optics and 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	40.32" Long x 4.76" High x 6.13" Wide (102.41cm x 12.1cm x 15.9cm)
Operating Temperature	-58° F to 149° F (-50° C to 65° C)	Weight	26.4 pounds (12kg)
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, UL1598, CE, DLC listed, suitable for interior 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: FL40U-AT-X5096SL-C

Style	Voltage	Mount	Optics	CCT	Watts	Color	Options
FL40	U	AT	X	50	96	SL	B
40" Extra Wide Flood Light	100-277 VAC, 50/60 Hz.	All Thread	Extra Wide	5,000K	96W LED, 104W Max	Silver	Battery Backup
	6			40		BK	C
	300-480 VAC, 50/60 Hz., Digitally			4,000K		Black	Digital Management
	S			35		BR	D
	Solar Integrated, DC Only Driver			3,500K		Brown	Dusk-to-Dawn
	N			30		BZ	F
	None ¹			3,000K		Bronze	Dusk-to-Dawn w/ Digital Management
	E			27		CG	G
	45/48 VDC Driver ²			2,700K		Charcoal	Battery Backup plus Digitally Managed plus Motion and IR
						WH	M
						White	Motion plus IR Receiver
						X	P
						Custom	Pigtail, 6' AC Whip, Indoor
							R
							IR Receiver Only

¹ Requires remote driver. Consult factory.

² No AC Support.