

FL40 Wall Wash Flood

ActiveLED®

Energy Efficient Lighting and Controls - Made in USA

Job Name:

Type:

Voltage:

Description

The ActiveLED® FL40, Flood Light consumes 50-85 percent less energy than conventional HID lighting. With its patented design and superior LED elements, the ActiveLED FL Series is a reliable light source with a 90,000-hour lumen life (90% Luminous Flux), making it a maintenance free solution for applications where changing lamps and ballasts can be hazardous and expensive. The ActiveLED FL Series may easily be installed as new or retrofit lighting for office, industrial and retail structures to offer directional control and minimize light pollution outside the targeted light footprint for improved visibility and efficiency.

Specifications

Input Voltage: Auto-sensing, 100-277 Volts AC, 50/60 Hz; Auto-sensing, 300-480 Volts AC, 50/60 Hz

Input Power: 28,40,52,75 or 104 watts

Power Factor: > 0.95 (at ~100-277 Volts)

THD: Total Harmonic Distortion (THD) <20% (typical 9.9%)

Power Supply: Integral power supply with, integrated intelligent controls and integral heat sink

Operating Temperature: -40° C to 60° C (-40° F to 140° F)

Lumen Lifetime: L90/90K Hrs @ 60° C (90,000 Hrs with 90% Luminous Flux)

LED Optics: IP66 rated, thermally bonded LEDs, borosilicate glass lens w/silicone sealing. Patented thermal management mounting system

CCT: 2700K, 3000K, 3500K, 4000K, or 5000K

Housing: Extruded aluminum for enclosure and heat sinking parts, stainless steel hardware

Finish: Powder coated after fabrication

Dimensions: 6.13" Wide x 40.32" Long x 4.69" High (15.57cm x 102.41cm x 11.91cm)

Weight: 28 pounds (12.7kg)

Warranty

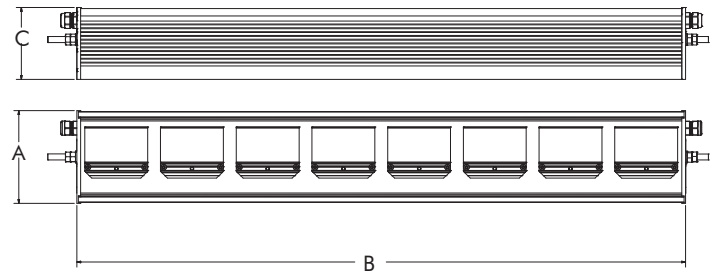
Ten (10) Year Warranty - LEDs will produce at least 90% of their initial light output with no color shift after 90,000 hours of operation. When using a Ringdale ActiveLED surge protection device, ordered and installed separately, the power supply warranty can be extended from five (5) years to ten (10) years.

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



Dimensions



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

Ordering Information

FL40

U

Style	Voltage	Mount	Optics	Diffuser	CCT	Watts	Color	Options
FL40 - 40" Flood Light	U - 100-277 VAC, 50/60 Hz Digitally & BBU enabled 6 - 300-480 VAC 50/60 Hz Digitally & BBU enabled S - Solar integrated DC only power supply N - None (requires remote Power Supply, consult factory) E - 45/48 VDC Power Supply (No AC Support)	AT - All Thread Mounting 25 - Stirrup Included 2K - Knuckle Tenon Center 3K - Knuckle J-Box Center 4K - Knuckle Tenon End 5K - Knuckle J-Box End	U - Wall Wash Pattern	F - Clear Low Fe Diffuser C - High Impact Diffuser D - Mottled Glass Diffuser	50 - 5000K 40 - 4000K 35 - 3500K 30 - 3000K 27 - 2700K	48 - 48 W LED 52 Watt Max 72 - 72 W LED 75 Watt Max 96 - 96 W LED 102 Watt LED Max (9216 Lumens) Lumens at 5000K	SL - Silver BR - Brown CG - Charcoal WH - White BK - Black BZ - Bronze X - Custom RAL # for X	B - Battery Backup C - Digital Management D - Dusk to Dawn F - Dusk to Dawn with Digital Management J - Dusk/Dawn plus Motion/IR M - Motion + IR Receiver, programmable R - Ir Receiver only, programmable

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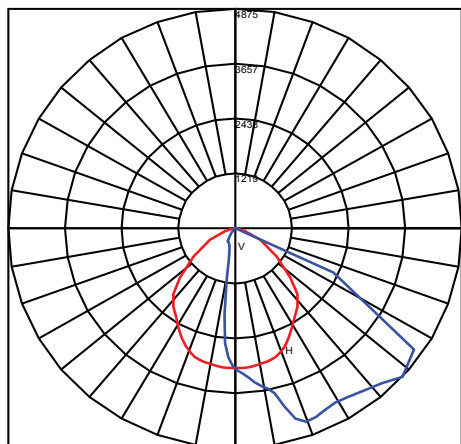
Performance Data

Projected Lumen Maintenance (TM-21)

Fixture / Ambient Temperature	0 Hours	15000 Hours	30000 Hours	45000 Hours	60000 Hours	90000 Hours
FL40U-AT-UF5096 @25C	1.00	1.00	0.99	0.99	0.99	0.99
FL40U-AT-UF5096 @40C	1.00	0.99	0.99	0.98	0.97	0.96
FL40U-AT-UF5096 @55C	1.00	0.98	0.97	0.96	0.94	0.92
FL40U-AT-UF5096 @60C	1.00	0.98	0.96	0.95	0.93	0.90

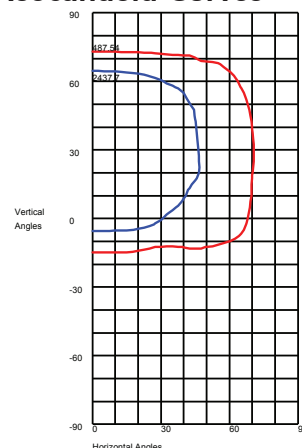
Note: Calculated using data collected according to LM-80 lumen maintenance on the LED package.

Photometrics



Maximum Candela = 4875.4 Located At Horizontal Angle = 0, Vertical Angle = 47.5
H - Horizontal Axial Candela
V - Vertical Axial Candela

Isocandela Curves



Maximum Candela = 4875.4 Located At Horizontal Angle = 0, Vertical Angle = 47.5
50% Maximum Candela = 2437.7
10% Maximum Candela = 487.54

Control Options

The FL Series Flood light can be provided with the ActiveLED intelligent LightSpace control capability. Additionally, the fixture can be ordered with an optional Occupancy controls, as well as an IR Receiver so the fixture can be programmed remotely using the ActiveLED remote IR programming device.

Battery Backup Enabled - Battery Backup Enabled, providing 48V DC support for an optional Emergency Battery Backup Unit (BBU) for an Emergency LED light Fixture.

Dusk/Dawn Sensor - Fixture detects adequate light and turns off when not needed.

IR Receiver Plus Motion - Integral motion sensor with IR receiver for programmable vacant to OFF and vacant to Dim level programming.

IR Receiver - Integral IR sensor only for ON to Dim programming.

Accessories/Mounting Options



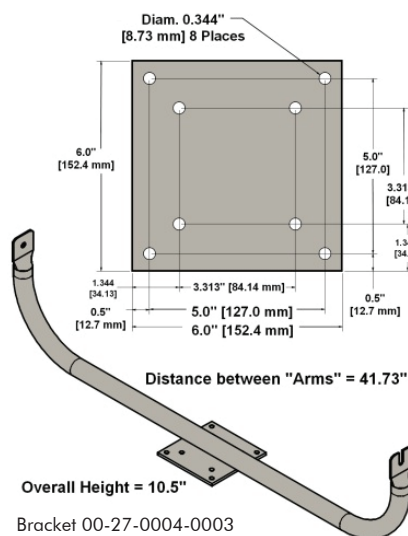
Bracket 00-27-0009-0005



Bracket 00-27-0009-0007



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Notes