FLB Series Shoebox Flood

FLOOD / SIGNAGE LIGHTING

100-**277V** **LM79** LM80







PROJECT INFORMATION

Project Name

Catalog No. Date

DESCRIPTION

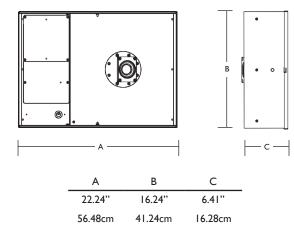
The ActiveLED® FLB Series Shoebox Flood is engineered as an energy efficient replacement for high wattage Metal Halide and High Pressure Sodium light fixtures. The design boasts our LUM-INTENSE™ LED Lighting Technology and delivers over 136 Lumens per Watt and a total fixture light output of 23, 588 Lumens. Our factory will set the LED at 22.5° increments to direct light to desired area making it ideal for security lighting in areas such as Building and Property Perimeters.

Applications include: Tennis Courts, Building and Property Perimeters, Overpasses.



FLB Series Shoebox Flood

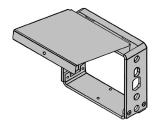
DIMENSIONS



FEATURES

- ThermalDRAW™ Cooling Technology Patented cooling technology ensures LED components will equal or exceed warranty.
- LUM-INTENSE™ LED lighting luminaire technology that combines recent advancements in LED Modules, Drivers and Optics to deliver more Lumens per Watt in a smaller package.
- LED Module can be factory set in 22.5° increments to direct light in desired area.
- Warranty 10 Year Warranty on LED elements, fixture housing, and LED Driver. See page 2 for additional warranty information.

MOUNTING OPTIONS



LIGHT OUTPUT



Part # 00-27-0002-0015

Part # 00-27-0002-0003

WATTS

23,588 lm 172.8w LUMENS per WATT 136.5 lm/W

LIGHT COLOR (CCT) 4970 K







PHOTOMETRICS

20' MH 20fc 20fc 20fc

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 FLB9, 165W only. Contact company for photometrics on other sizes.

GENERAL SPECIFICATIONS

Input Voltage	Auto-sensing, 100-277 Volts AC, 50/60 Hz	LED Optics	IP65 rated, thermally bonded LEDs,
Input Power	165 LED Watts173 Input Watts		borosilicate glass lens w/silicone sealing. Patented thermal management mounting system
Power Factor	> 0.90 (at ~100-277 Volts)	CCT	2700K, 3000K, 3500K, 4000K, or 5000K
THD	Total Harmonic Distortion (THD) <20% (typical 9.9%)	Housing	Aluminum for enclosure and heat sinking parts, stainless steel hardware
Driver	Integrated driver with integral heat sink	Finish	Powder coated after fabrication
Operating Temperature	-58° F to 149° F (-50° C to 65° C)	Dimensions	16.24" Height, 6.41" Wide and 22.24" Length (41.24cm x 16.28cm x 56.48cm)
Lumen Lifetime	L90/90K Hrs @ 60° C (90,000 Hrs with 90% Luminous Flux)	Weight	30 pounds (13.6kg)

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

UL listed driver, 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: FLB9-SP-DF50R165BZ

FLB	9		D	F		R165	
Style	Voltage	Mount	Optics	Diffuser	ССТ	Watts	Color
FLB FL Series Shoebox Flood	9 100-277 VAC, 50/60 Hz.	SP Square Pole Mount 4K Knuckle Tenon End	D Pattern	F Clear Low Fe Glass (Over the LED only)	50 5,000K 40 4,000K	R165 165W LED, 173W Max	SL Silver BK Black
					35 3,500K		BR Brown
					30 3,000K		BZ Bronze
					27 2,700K		CG Charcoal
							WH White
							X Custom

