

	Project:				
	Location:				
Model#: FLX150SWP-WRV-BZ		Туре:			
	Client:	Qty:			
	Prepared by:	Date:			

SERIES SPECIFICATIONS



To supply Tamlite's FLX Series of LED floodlights as specified. The luminaire shall operate at 120-347Vac and use a constant current type driver. Driver shall be dimmable by 1-10Vdc control. The housing shall be constructed of powder-coated die-cast aluminium with a screw down wiring compartment with pre-fitted IP68 stainless steel strain relief with 3ft cab tire, and an impact resistant PMMA Optic. A durable formed gasket shall be provided between the enclosure and the lens, and the wiring compartment and housing. All parts shall be corrosion resistant. LEDs shall be as specified, Lumileds L128-XX70RB35000A1 LED chips. The luminaire shall be cULus and DLC Listed.











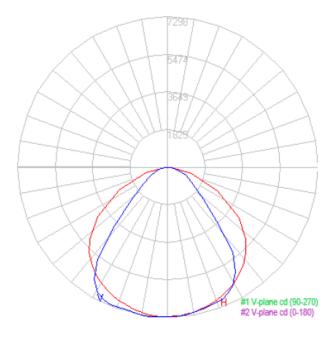




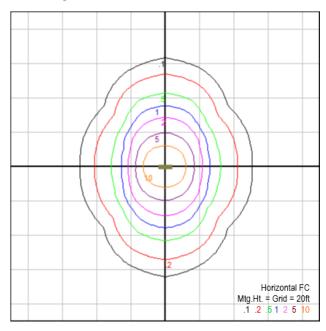


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



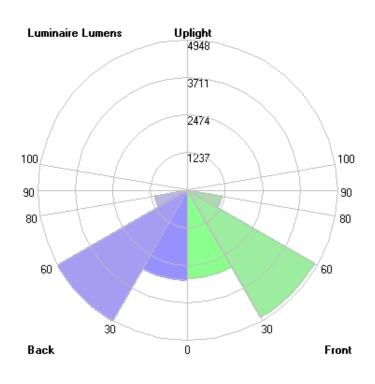
Isolux Diagram





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BUG Graph



Lum. Classification System (LCS)

LCS	Zone	Lumens	%Lamp	%Lum
FL	(0-30)	2900.3	16.1	16.1
FM	(30-60)	4816.2	26.7	26.7
FH	(60-80)	1141.2	6.3	6.3
FVH	(80-90)	90.3	0.5	0.5
BL	(0-30)	2962.1	16.4	16.4
ВМ	(30-60)	4948.2	27.4	27.4
ВН	(60-80)	1103.5	6.1	6.1
BVH	(80-90)	79.8	0.4	0.4
UL	(90-100)	0.0	0.0	0.0
UH	(100-180)	0.0	0.0	0.0
Tota	I	18041.6	99.9	100.0

Initial Lumen Output: 18,041 lm

NEMA Type: 7H x 7V

Luminaire Type: Flood Light

UL Classification: Wet Location Listed

DLC Number: S-WQP6KH

Efficacy: 120 lm/W Beam Angle: 110 H x 80 V BUG Rating: B4-U0-G2

Ambient Operating Temp: -40C to +40C

CCN Number: IFAM7.E359675

CBCP: 7,296 CD

Field Angle: 156 H x 144 V Environmental Rating(s): IP65

Certification Standards: UL Safety US-

CA, DLC Premium

Limited Product Warranty: 5 Year(s)



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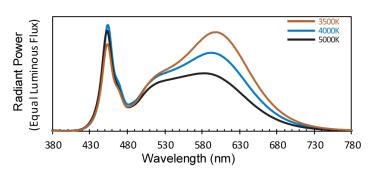
LED SPECIFICATIONS

R Tables

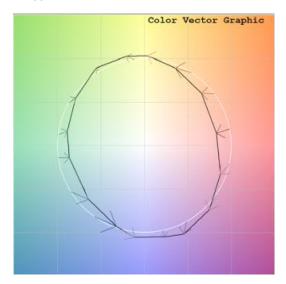
R1	75
R2	81
R3	83
R4	76
R5	75
R6	73
R7	85
R8	63

R9	0
R10	53
R11	72
R12	44
R13	76
R14	91
R15	71

SPD



TM-30



Source Type: LED **CRI:** >70 **L70:** >50,000 Hrs

Chromaticity: x=0.3286 y=0.3400

Manufacturer: Lumileds®

Rf: 70

L90: >36,000 Hrs **Duv:** 0.005

Part Number: L128-XX70RB35000A1

Rg: 96

Colour Temperature: 5000K



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ELECTRICAL SPECIFICATIONS

Driver Manufacturer: MEAN WELL Input Frequency: 50/60 hz Current Draw at 347Vac: 0.462A Power Factor at 347Vac: > 0.90

 ${\bf Max\ Operating\ Case\ Temperature:\ 90C}$

Dimming Current mA: 0.1

Driver Certifications: c-RU-us Class 2,

FCC Part 15 Class B, RoHS

Driver Part Number: HVG-150-42B

Fixture Draw: 150.79 W Inrush Current: 35A THD at 347Vac(%): < 15% Surge Suppression: 4kV

Over Temperature Protection: Shut down

o-p voltage, recovers automatically after

temperature goes down

Input Voltage: 120-347Vac

Current Draw at 120Vac: 01.2580A

Max On-Delay: < 0.5 S Driver MTBF: 200,000 hrs

Dimming: 0-10Vdc, (0% Min Light Level) **Short Circuit Protection:** Constant current limiting, recovers automatically after fault

condition is removed

PHYSICAL SPECIFICATIONS

Finish Colour: Bronze (RAL-8019)

Mounting: Square Pole Lens Type: Clear Optics

Finish Type: Textured powder coat over

chromate conversion coat

Housing Material: ADC12 Aluminium

EPA: 0.357 ft2 Horizontal

Wiring: 6' 18-3 SJTW Cord Whip

Lens Material: PMMA

Entries: Stainless Steel Strain Relief

SHIPPING INFORMATION

OrderingCode(s): FLX150SW-WRV-BZ, FLX-PA-BZ

Box Weight: 6.94 kg Box Quantity: 1 Box Dimensions (L-W-H): 645 x 360 x

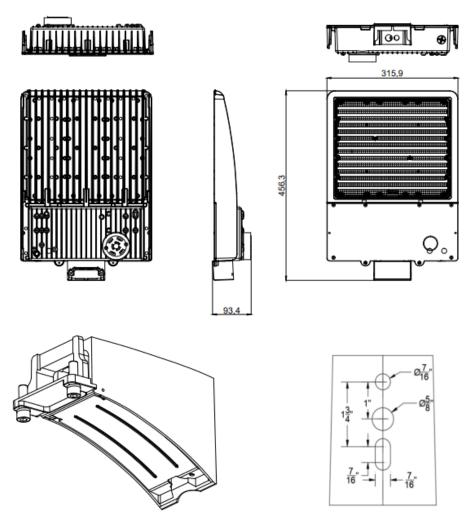
125 mm / x x inches



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LINE DRAWING

Line Drawings



FLX-PA Ordered and shipped seperately



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SERIES ARCHITECTURE

Series Architecture

FLX - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____

Part Wattage		tage	CCT		Mounting		Voltage		Finish	
FLX		150W 400W	SW	Selectable White 3K, 4K, 5K	P S T	Pole Arm Slip fitter (2-3/8°0.0.) Trunnion*	WRV	120-347VAC	BZ	Bronze*

^{*}SamII Trunion; 100-150W. Large Trunion; 230-400W

EPA CHART (ft²)

Model	_			<u>-!</u> -	
	Single	2 @ 90	2 @ 180	3 @ 90	4 @ 90
FLX 80-150W Mounted with Slipfitter at 45 ⁰	0.550	2.079	1.1400	2.4500	3.2200
FLX 230-300W Mounted with Slipfitter at 45°	0.594	2.764	1.1180	3.3580	3.953
FLX 400W Mounted with Slipfitter at 45 ⁰	0.671	3.229	1.2910	3.8750	4.5200
FLX 80-150W Mounted with Slipfitter at 90°	0.357	0.920	1.1370	1.4980	1.847
FLX 230-300W Mounted with Slipfitter at 90°	0.382	1.020	1.2920	1.6600	2.0530
FLX 400W Mounted with Slipfitter at 90°	0.448	1.1620	1.3690	1.8470	2.3520

Tamlite is not responsible for overloading of poles. The buyer must ensure that the fixtures to be installed do not exceed the structural limits of the poles, and are appropriate to the wind region. Please consult our specifications or contact an authorized pole vendor if you require assistance.

Optional Extras: AR-N7S, AR-N3PV-UN4

^{*}Stocked in Bronze Finish