

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

SERIES SPECIFICATIONS

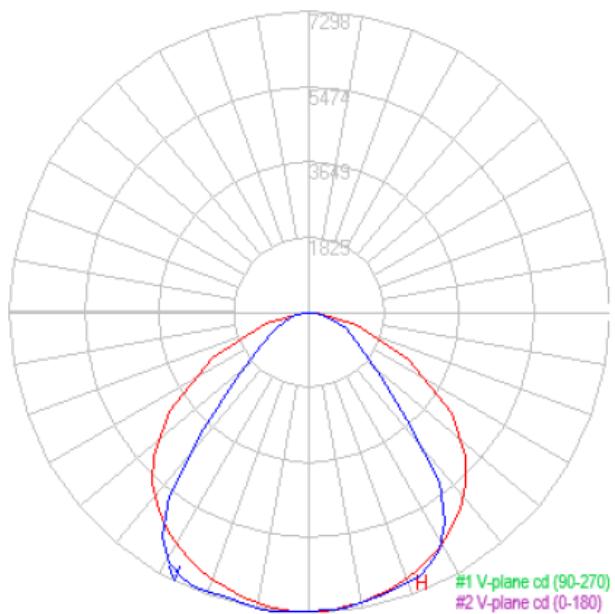


To supply Tamlite's FLX Series of LED floodlights as specified. The luminaire shall operate at 120-347Vac and use a constant current type driver. Driver shall be dimmable by 1-10Vdc control. The housing shall be constructed of powder-coated die-cast aluminium with a screw down wiring compartment with 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.

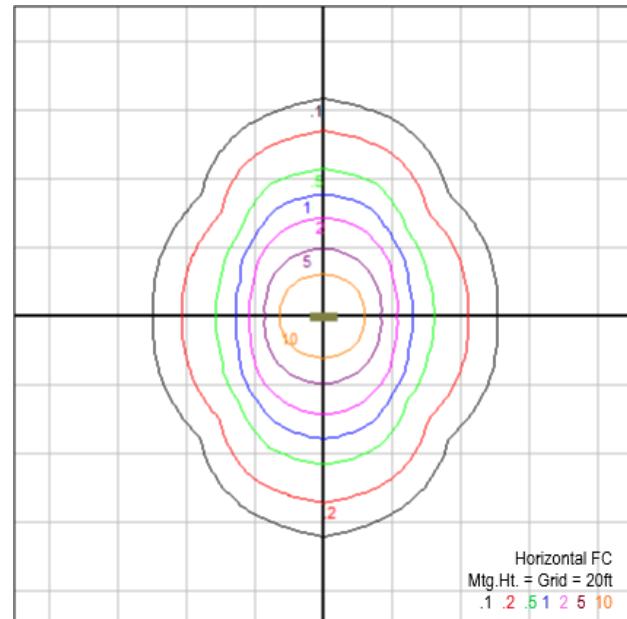


PERFORMANCE SPECIFICATIONS

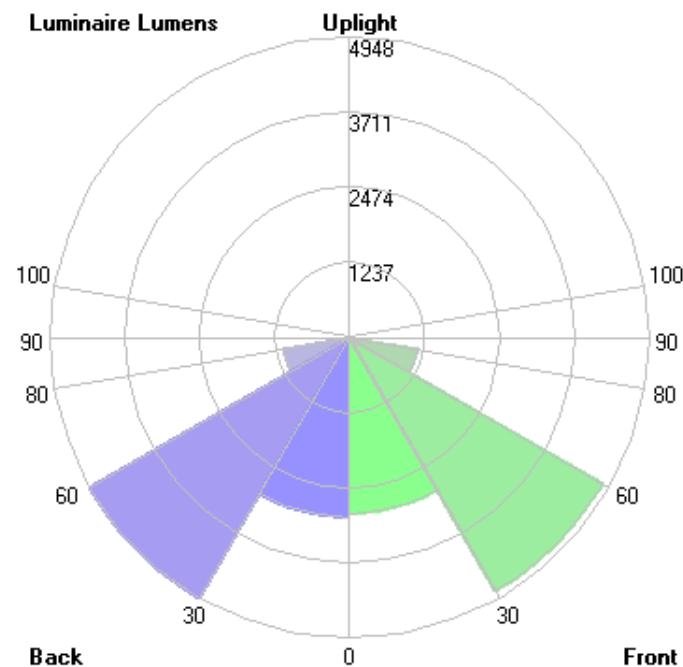
Luminance Distribution Chart



Isolux Diagram



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
BM (30-60)	4948.2	27.4	27.4
BH (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
Total	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

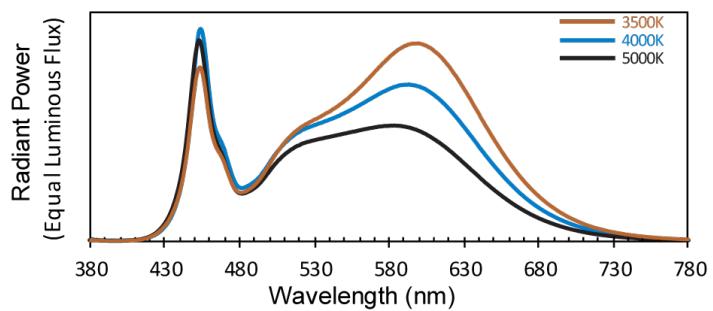
Limited Product Warranty: 5 Year(s)

LED SPECIFICATIONS

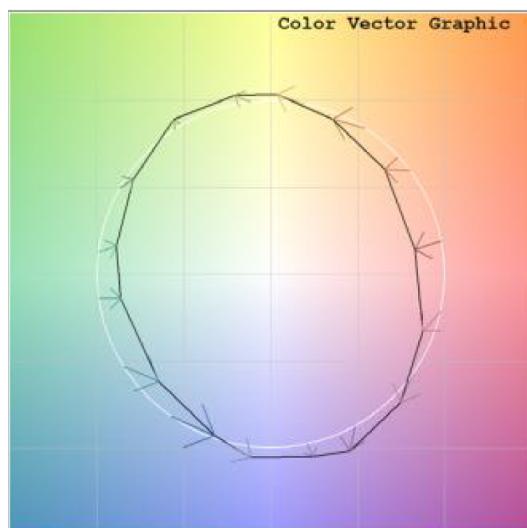
R Tables

R1	75	R9	0
R2	81	R10	53
R3	83	R11	72
R4	76	R12	44
R5	75	R13	76
R6	73	R14	91
R7	85	R15	71
R8	63	--	--

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

ELECTRICAL SPECIFICATIONS

Driver Manufacturer: MEAN WELL	Driver Part Number: HVG-150-42B	Input Voltage: 120-347Vac
Input Frequency: 50/60 hz	Fixture Draw: 150.79 W	Current Draw at 120Vac: 01.2580A
Current Draw at 347Vac: 0.462A	Inrush Current: 35A	Max On-Delay: < 0.5 S
Power Factor at 347Vac: > 0.90	THD at 347Vac(%): < 15%	Driver MTBF: 200,000 hrs
Max Operating Case Temperature: 90C	Surge Suppression: 4kV	Dimming: 0-10Vdc, (0% Min Light Level)
Dimming Current mA: 0.1	Over Temperature Protection: Shut down o-p voltage, recovers automatically after temperature goes down	Short Circuit Protection: Constant current limiting, recovers automatically after fault condition is removed
Driver Certifications: c-RU-us Class 2, FCC Part 15 Class B, RoHS		

PHYSICAL SPECIFICATIONS

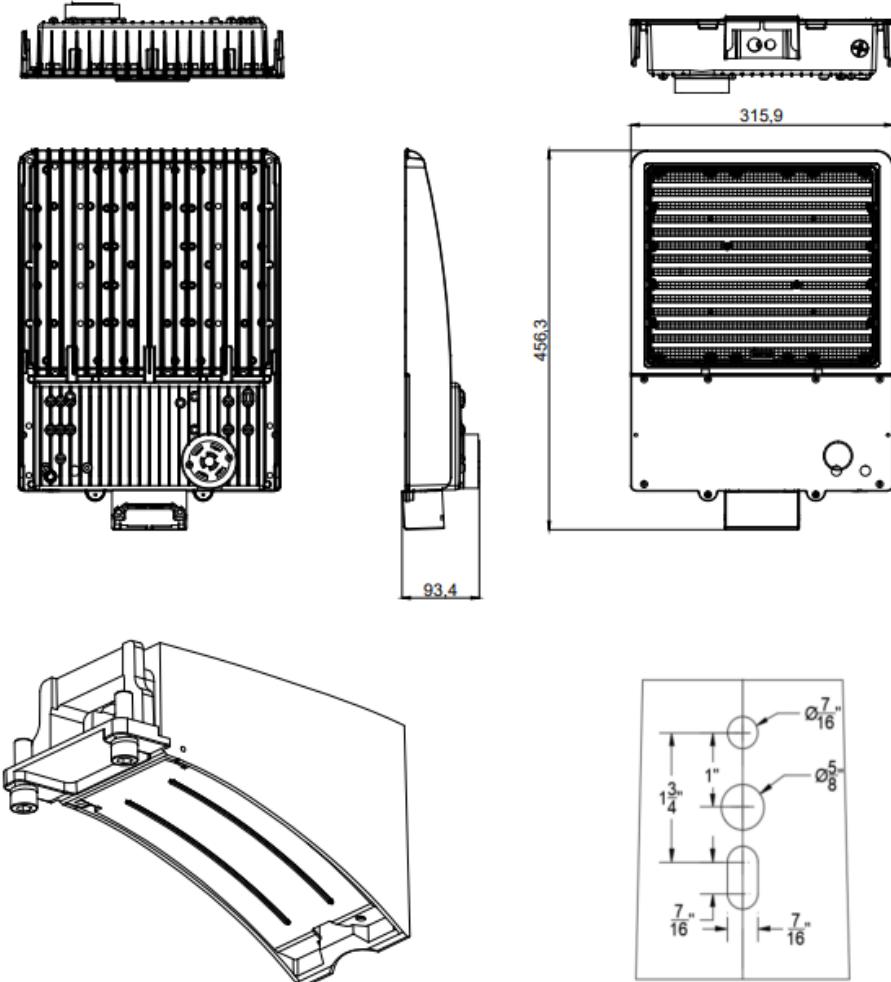
Finish Colour: Bronze (RAL-8019)	Finish Type: Textured powder coat over chromate conversion coat	Wiring: 6' 18-3 SJTW Cord Whip
Mounting: Square Pole	Housing Material: ADC12 Aluminium	Lens Material: PMMA
Lens Type: Clear Optics	EPA: 0.357 ft2 Horizontal	Entries: Stainless Steel Strain Relief

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

LINE DRAWING

Line Drawings



FLX-PA Ordered and shipped separately

SERIES ARCHITECTURE

Series Architecture

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

*Samlit Trunion; 100-150W. Large Trunion; 230-400W

*Stocked in Bronze Finish

EPA CHART (ft²)

Model					
	Single	2 @ 90	2 @ 180	3 @ 90	4 @ 90
FLX 80-150W Mounted with Slipfitter at 45°	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°	0.671	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