

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

SERIES SPECIFICATIONS

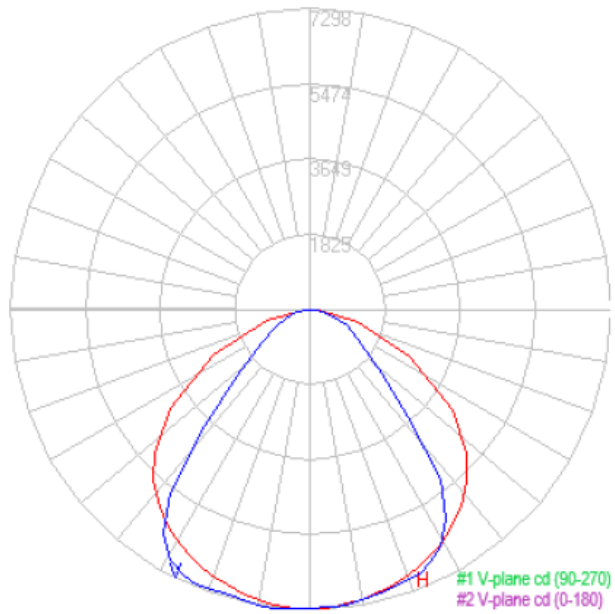


To supply TamLite's FLX Series of LED floodlights as specified. The luminaire shall operate at 120-347Vac and use a constant current type driver. Driver shall be dimmable by 1-10Vdc control. The housing shall be constructed of powder-coated die-cast aluminium with a screw down wiring compartment with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

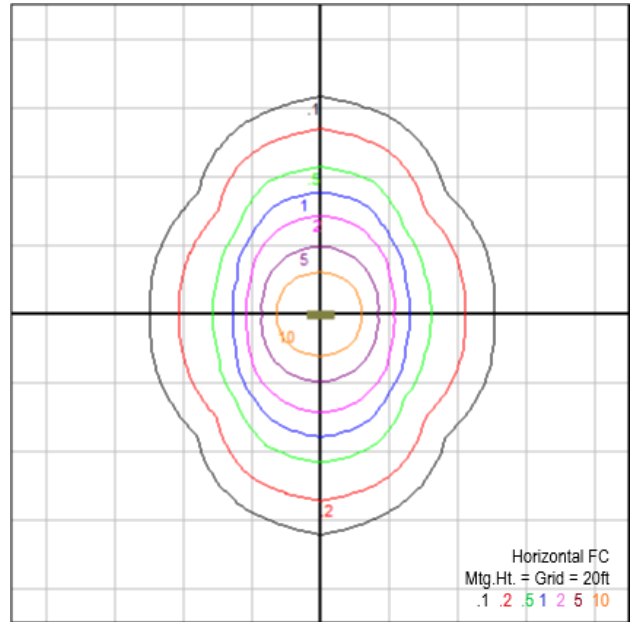


PERFORMANCE SPECIFICATIONS

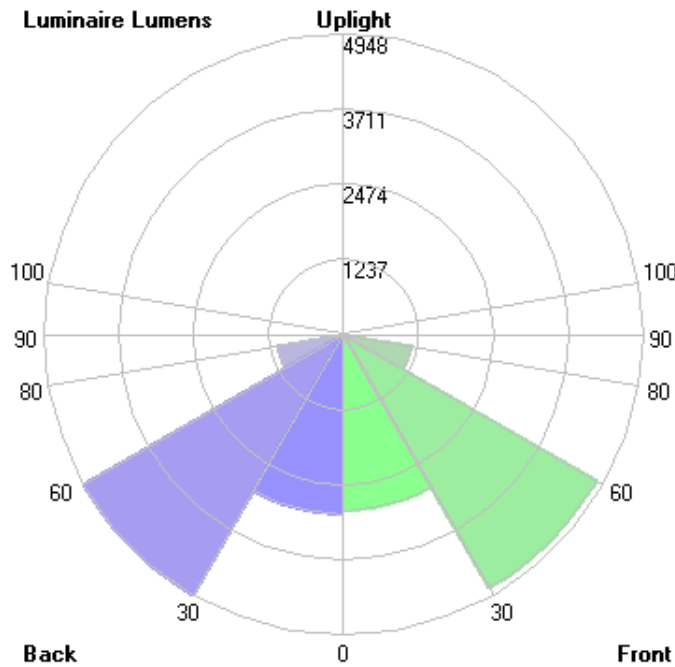
Luminance Distribution Chart



Isolux Diagram



BUG Graph



Lum. Classification System (LCS)

<u>LCS Zone</u>	<u>Lumens</u>	<u>%Lamp</u>	<u>%Lum</u>
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

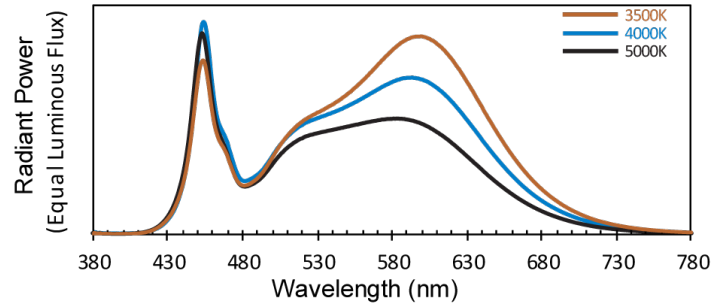
Limited Product Warranty: 5 Year(s)

LED SPECIFICATIONS

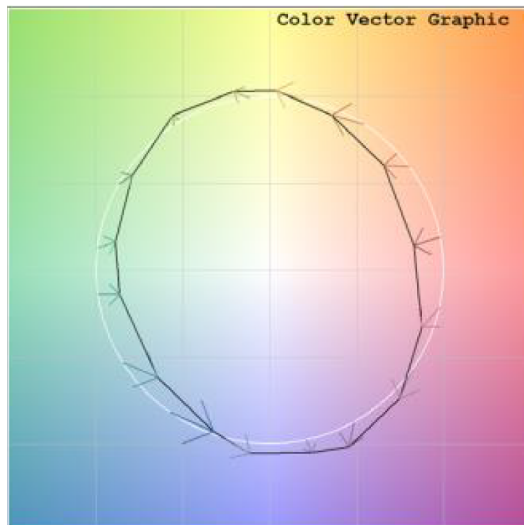
R Tables

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

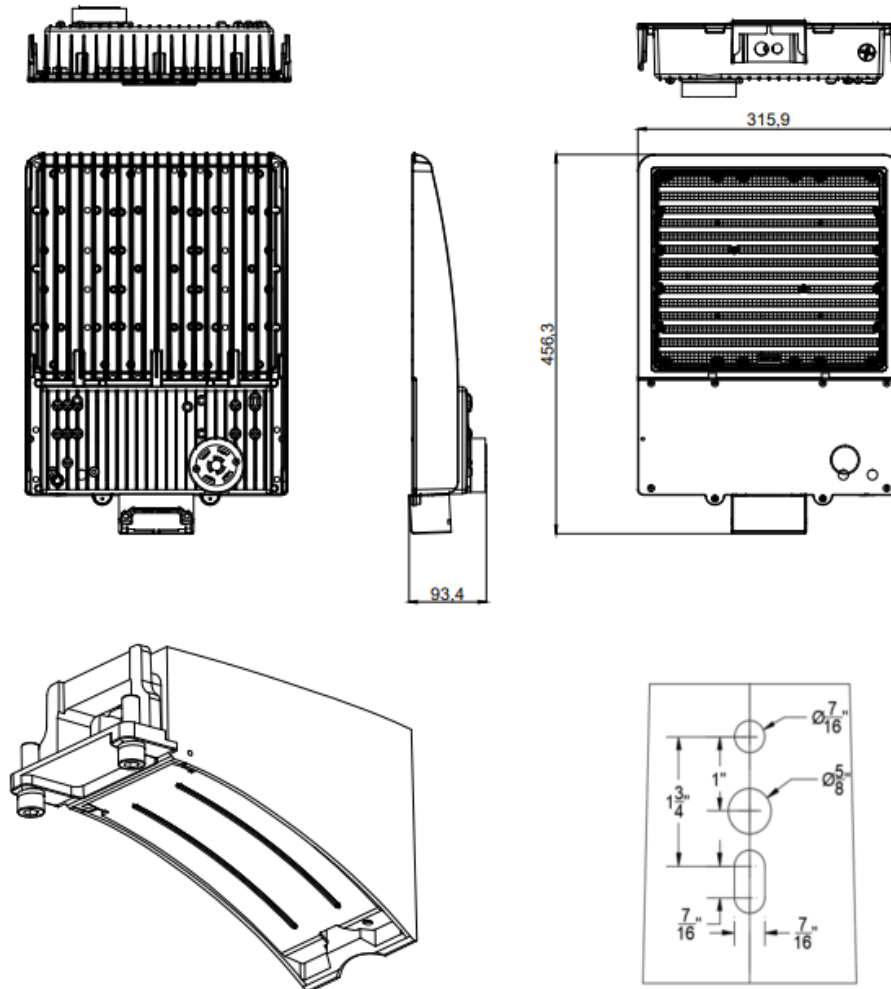
Box Weight: 6.94 kg

Box Quantity: 1

Box Dimensions (L-W-H): 645 x 360 x 125
mm / x x inches

LINE DRAWING

Line Drawings



FLX-PA Ordered and shipped seperately

SERIES ARCHITECTURE

Series Architecture






FLX - - - - -

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

*Small 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