

Project:	
Location:	
Model#: MPF150SWY-WRV-BZ	Type:
Client:	Qty:
Prepared by:	Date:

## SERIES SPECIFICATIONS

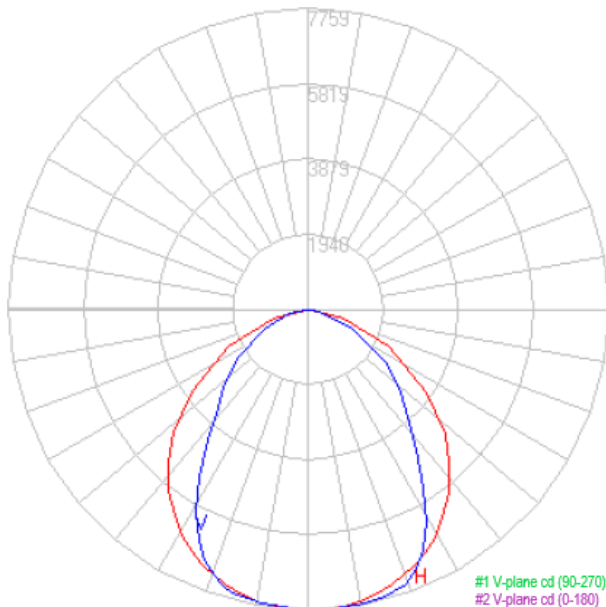


To supply TamLite's MPF Series of Mini floodlight as specified. The luminaire shall operate at 120-347Vac and use a constant current type driver. Driver shall be suitable for 1-10Vdc dimming. The housing shall be constructed of powder-coated die-cast Aluminium with a screw down rear wiring compartment with pre-fitted IP68 stainless steel strain relief, and an impact resistant polycarbonate 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, LUXEON® 3030 2D LED chips. The luminaire shall be cULus Listed and DLC Listed.

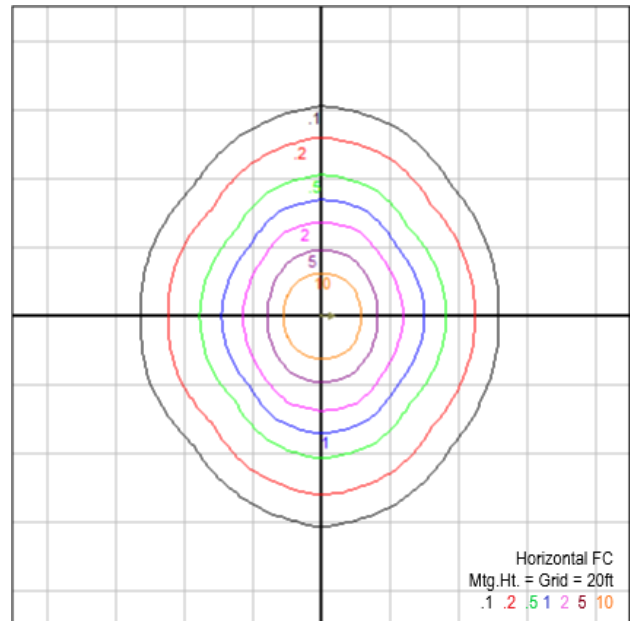


## PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart

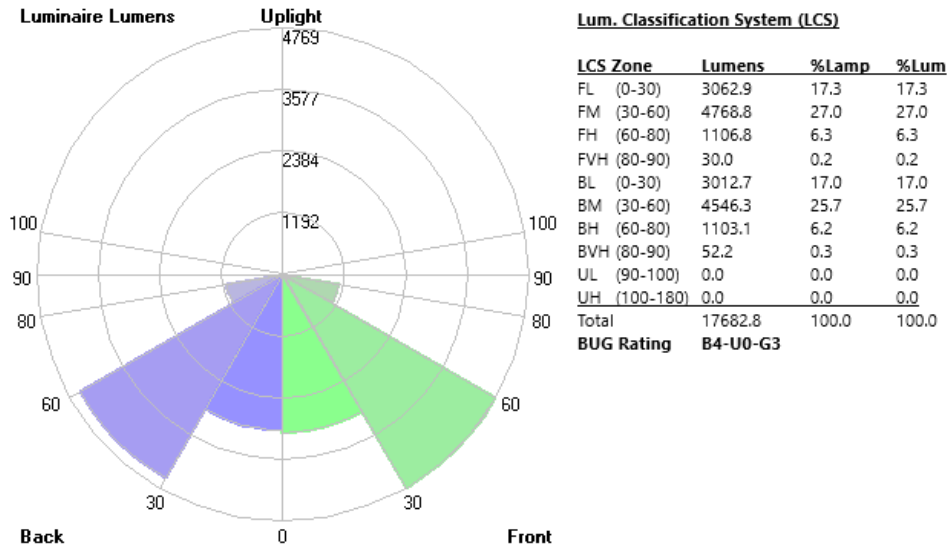


Isolux Diagram



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## BUG Graph



**Initial Lumen Output:** 17682lm

**CBCP:** 7758 CD

**Luminaire Type:** Direct - Type II Very Short

**UL Classification:** Wet Location Listed

**DLC Number:** S-FR8149

**Efficacy:** 117lm/W

**NEMA Type:** 7H x 7V

**BUG Rating:** B4-U0-G3

**Ambient Operating Temp:** -40C to +40C

**CCN Number:** IFAM7.E359675

**Max Candela:** 7758 CD

**Beam Angle:** 107H / 81V

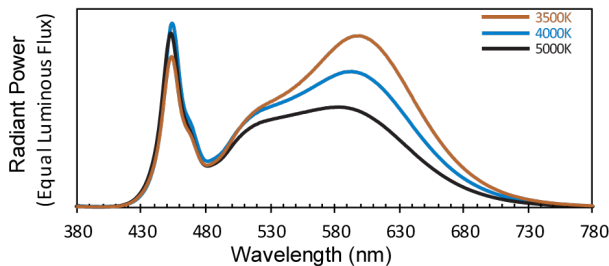
**Environmental Rating(s):** IP65

**Certification Standards:** UL Safety US-CA , DLC Premium

**Limited Product Warranty:** 5 Year(s)

## LED SPECIFICATIONS

### SPD



**Source Type:** LED

**CRI:** > 70

**Chromaticity:** x=0.34718 y=0.35326

**Manufacturer:** Lumileds®

**L70:** >90000 Hrs

**Duv:** 0.005

**Part Number:** L128-XX70RB35000A1

**Colour Temperature:** 3000K, 4000K, 5000K



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#### ELECTRICAL SPECIFICATIONS

**Driver Manufacturer:** TOWIN®

**Input Frequency:** 50-60Hz

**Auxiliary Control:**

**THD @ 120Vac(%):** <10%

**Max Operating Case Temperature:** 85C

**Short Circuit Protection:** Auto Recovery.

The output shall return to normal after the fault condition is removed.

**Driver Part Number:** DF120W-40C2450B

**Fixture Draw:** 152.9W

**Power Factor @ 120Vac:** >.90

**THD @ 277Vac(%):** <10%

**Dimming:** 0-10Vdc, (0% Min Light Level)

**Driver Certifications:** c-RU-us Class 2,

FCC Part 15 Class B, RoHS

**Input Voltage:** 120~277Vac

**Max On-Delay:** < 1 S

**Power Factor @ 277Vac:** >.90

**Driver MTBF:** 50,000hrs

**Over Temperature Protection:** Decreases output current, returning to normal after over temperature is removed.

#### PHYSICAL SPECIFICATIONS

**Finish Colour:** Bronze (RAL-8019)

**Mounting:** Yoke Mount

**Lens Type:** Clear Optics

**Finish Type:** Textured powder coat over chromate conversion coat

**Housing Material:** ADC12 Aluminium

**Entries:** Stainless Steel Strain Relief

**Wiring:** 6' 18-3 SJTW Cord Whip

**Lens Material:** PMMA

#### SHIPPING INFORMATION

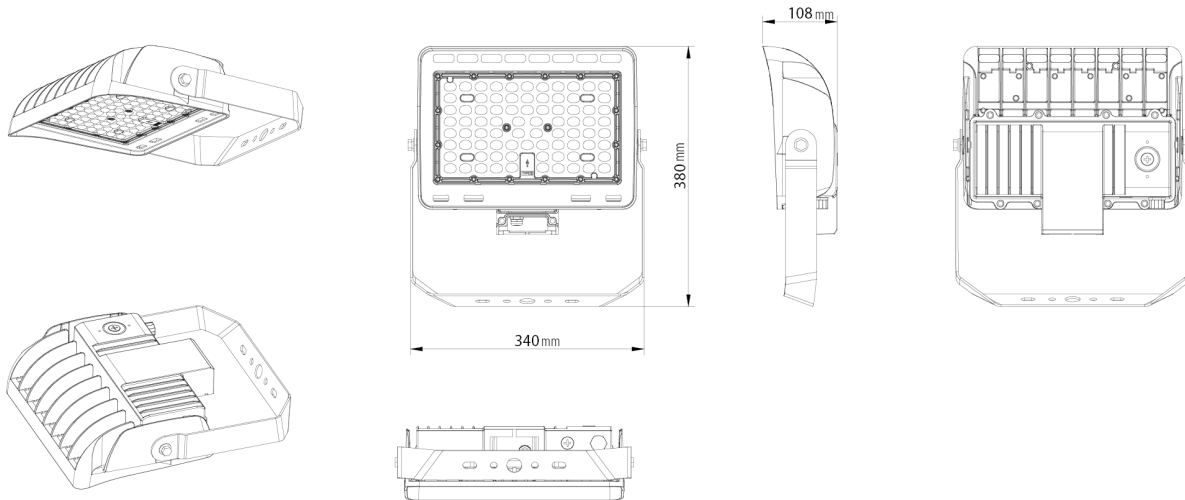
**OrderingCode(s):** MPF150SWY-WRV-BZ

**Box Quantity:** 1

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## LINE DRAWING

### Line Drawings



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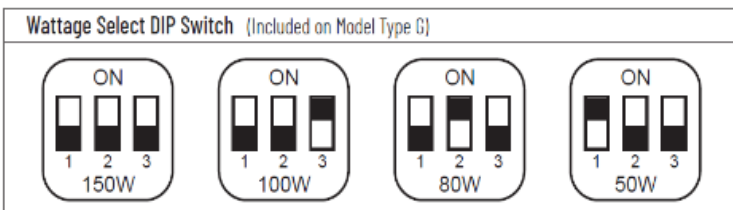
## SERIES ARCHITECTURE

### Series Architecture

#### MPF -

Part	Wattage	CCT	Mounting	Voltage	Finish
MPF	20 20W 50 50W 150 150W	SW Selectable White 3K, 4K, 5K	Y Yoke Mount K 1/2" Threaded Knuckle	UNV 120~277VAC WRV 120~347VAC	BZ Bronze BK Black WH White CC Custom Colour

	Wattage / Lumens			
CCT	150W	100W	80W	50W
5000K	17979 lm	11986 lm	9588.8 lm	5993 lm
4000K	17643 lm	11762 lm	9409.6 lm	5881 lm
3000K	17682 lm	11788 lm	9430.4 lm	5894 lm



\*DIP Switch is white. Keep cover on for waterproof.

