

Project:					
Location:					
Model#: MPF150SWY-WRV-BZ	Туре:				
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.











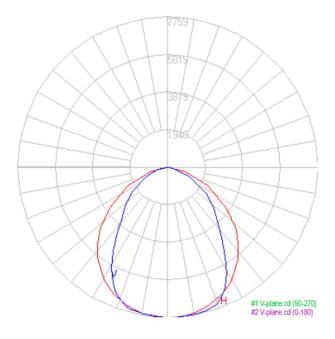




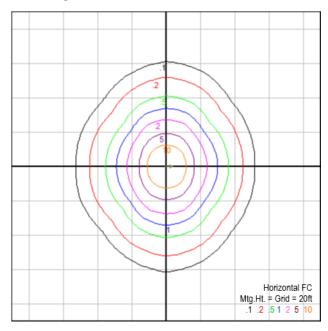


#### PERFORMANCE SPECIFICATIONS

#### **Luminance Distribution Chart**



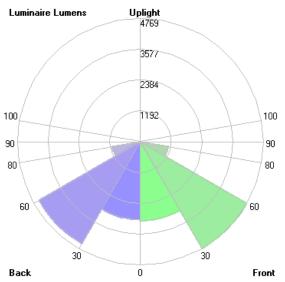
## **Isolux Diagram**





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## **BUG Graph**



#### Lum. Classification System (LCS)

LCS	Zone	Lumens	%Lamp	%Lum
FL	(0-30)	3062.9	17.3	17.3
FM	(30-60)	4768.8	27.0	27.0
FΗ	(60-80)	1106.8	6.3	6.3
FVH	(80-90)	30.0	0.2	0.2
BL	(0-30)	3012.7	17.0	17.0
ВМ	(30-60)	4546.3	25.7	25.7
ВН	(60-80)	1103.1	6.2	6.2
BVH	(80-90)	52.2	0.3	0.3
UL	(90-100)	0.0	0.0	0.0
UH	(100-180)	0.0	0.0	0.0
Tota		17682.8	100.0	100.0
DIIC	Dating	DATIO CO		

BUG Rating B4-U0-G3

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

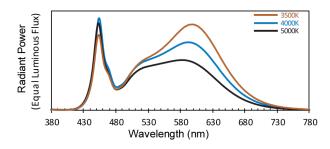
Certification Standards: UL Safety US-

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



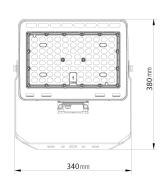
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# LINE DRAWING

# **Line Drawings**

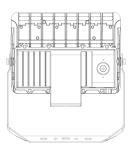














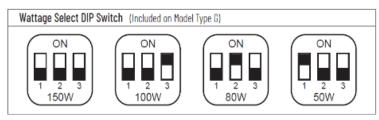
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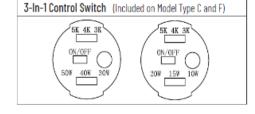
#### **SERIES ARCHITECTURE**

## **Series Architecture**

MPF -					_					
Part	Wa	ttage	CC	Т	М	ounting	Vol	tage	Fir	nish
MPF	20	20W	SW	Selectable White	Y	Yoke Mount	UNV	120~277VAC	BZ	Bronze
	50	50W		3K, 4K, 5K	K	1/2" Threaded Knuckle	WRV	120~347VAC	BK	Black
	150	150W							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				





<sup>\*</sup>DIP Switch is white. Keep cover on for waterproof.