

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

SERIES SPECIFICATIONS

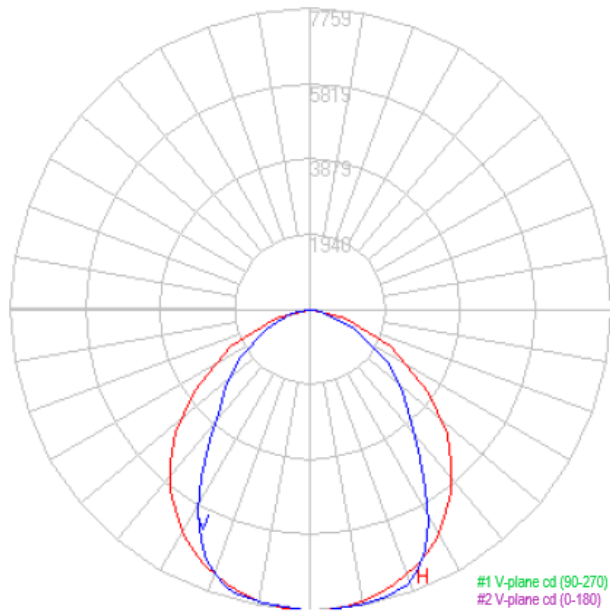


To supply Tamlite's MPF Series of Mini floodlight as specified. The luminaire shall operate at 120-347Vac and use a constant current type driver. Driver shall be suitable for 1-10Vdc dimming. The housing shall be constructed of powder-coated die-cast Aluminium with a screw down rear wiring compartment 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.

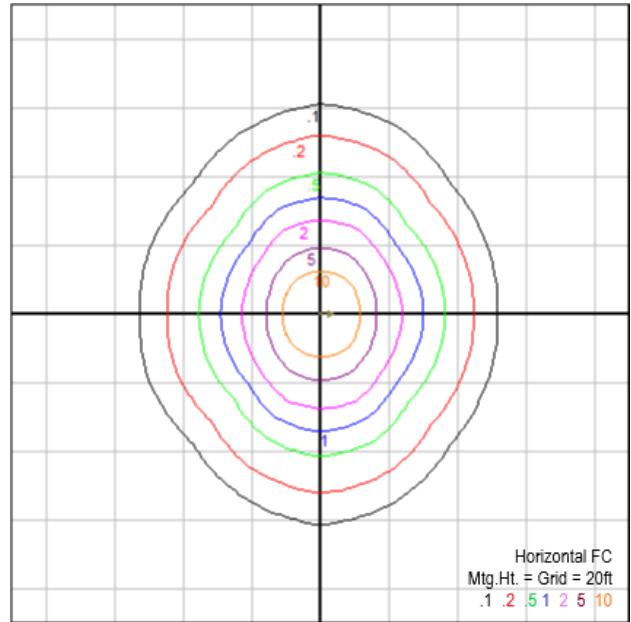


PERFORMANCE SPECIFICATIONS

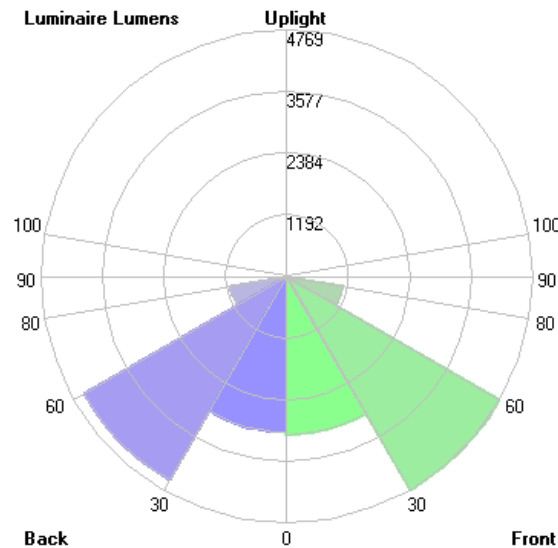
Luminance Distribution Chart



Isolux Diagram



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
FH (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
BM (30-60)	4546.3	25.7	25.7
BH (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
Total	17682.8	100.0	100.0
BUG Rating	B4-U0-G3		

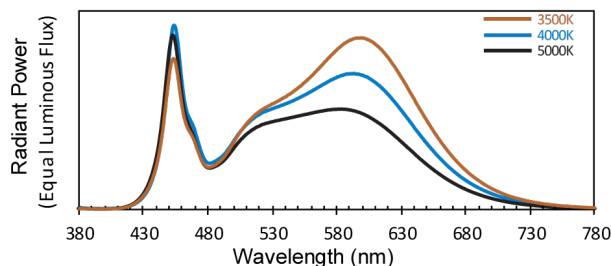
Initial Lumen Output: 17682lm
CBCP: 7758 CD
Luminaire Type: Direct - Type II Very Short
UL Classification: Wet Location Listed
DLC Number: S-FR8149

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

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

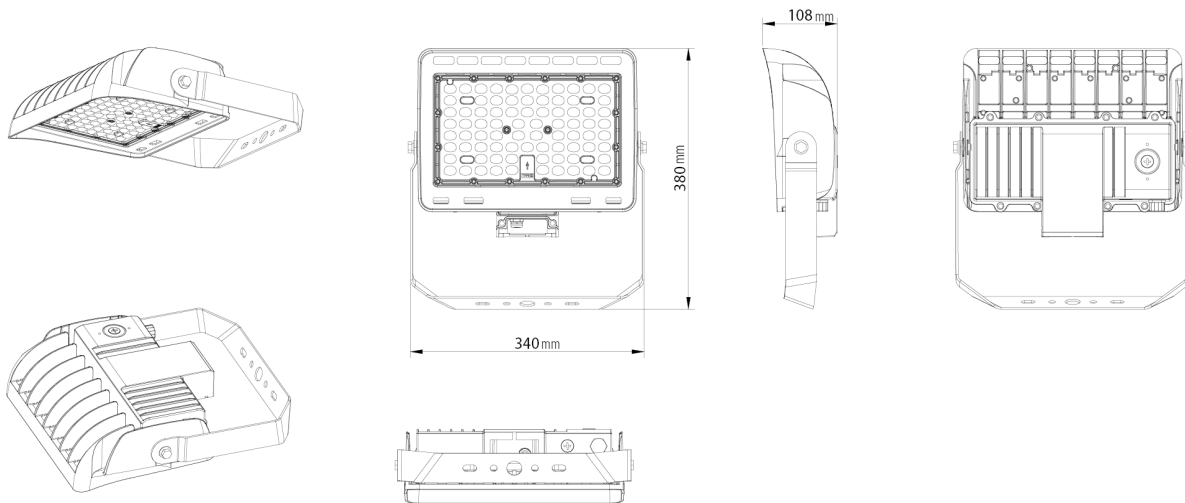
SHIPPING INFORMATION

OrderingCode(s): MPF150SWY-WRV-BZ

Box Quantity: 1

LINE DRAWING

Line Drawings



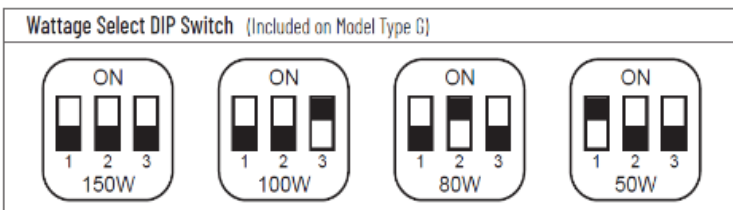
SERIES ARCHITECTURE

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.

