

Project:	
Location:	
Model#: MPF1503KY-UNV-BZ	Type:
Client:	Qty:
Prepared by:	Date:

SERIES SPECIFICATIONS

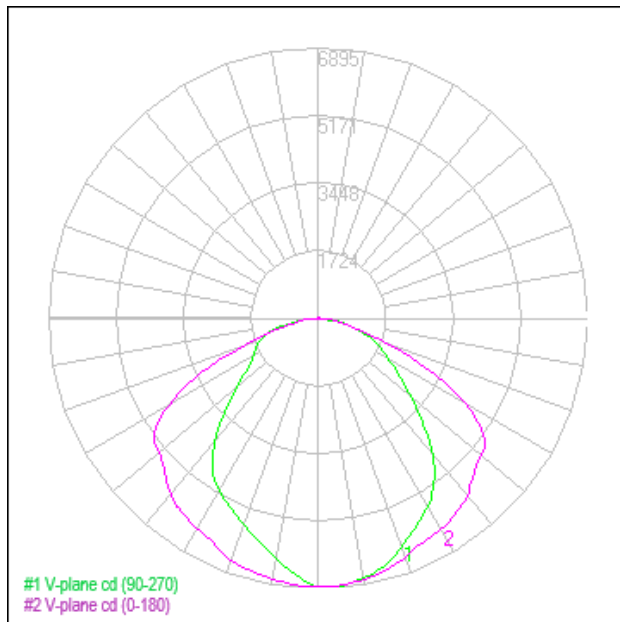


To supply TamLite's MPF Series of Mini floodlight as specified. The luminaire shall operate at 120-277Vac and use a constant current type driver. The housing shall be constructed of powder-coated die-cast Aluminium with a screw down rear wiring compartment with pre-fitted IP68 stainless steel strain 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.

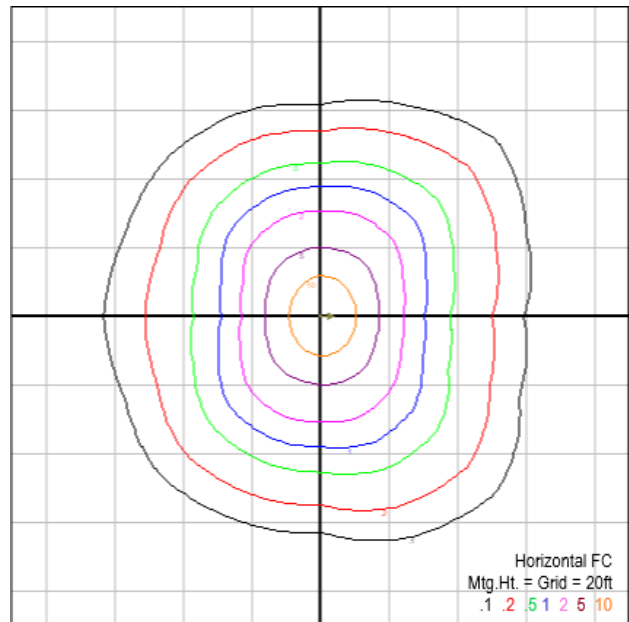


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



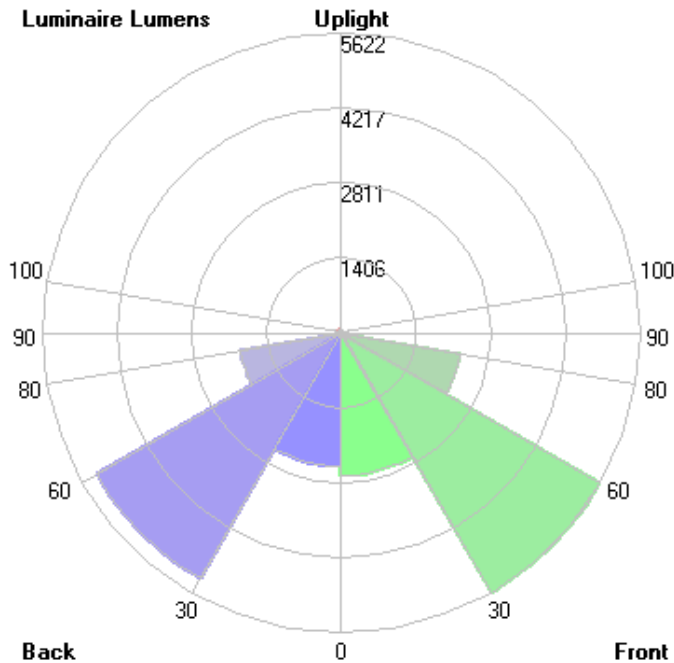
Isolux Diagram





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BUG Graph



Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	2680.4	N.A.	13.0
FM (30-60)	5622.4	N.A.	27.3
FH (60-80)	2277.2	N.A.	11.1
FVH (80-90)	114.8	N.A.	0.6
BL (0-30)	2509.9	N.A.	12.2
BM (30-60)	5309.0	N.A.	25.8
BH (60-80)	1928.9	N.A.	9.4
BVH (80-90)	104.5	N.A.	0.5
UL (90-100)	3.0	N.A.	0.0
UH (100-180)	46.2	N.A.	0.2
Total	20596.3	N.A.	100.0
BUG Rating	B4-U2-G3		

Initial Lumen Output: 20500lm

NEMA Type: 7H x 7V

BUG Rating: B4-U2-G3

Ambient Operating Temp: -40C to +40C

CCN Number: IFAM7.E359675

Efficacy: 137lm/W

Beam Angle: 128H / 92V

Environmental Rating(s): IP65

Certification Standards: UL Safety US-CA , DLC

Limited Product Warranty: 5 Year(s)

CBCP: 6895cd

Luminaire Type: Direct - Type II Very Short

UL Classification: Wet Location Listed

DLC Number: PG1LRA4C

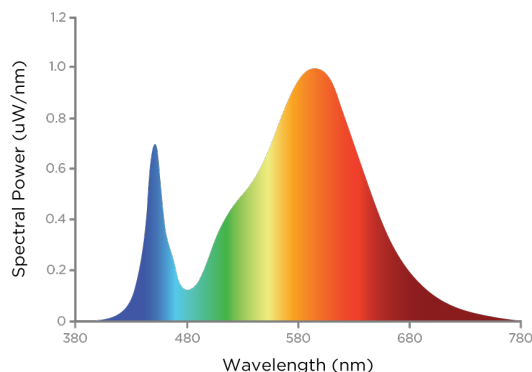
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LED SPECIFICATIONS

R Tables

R1	80	R9	5
R2	88	R10	71
R3	93	R11	80
R4	81	R12	58
R5	81	R13	83
R6	83	R14	96
R7	87	R15	75
R8	66	--	--

SPD



Source Type: LED

CRI: > 80

Chromaticity: x=0.34718 y=0.35326

Manufacturer: Lumileds®

L70: 54000 Hrs

Duv: 0.005

Part Number: LUXEON 3030 2D

Colour Temperature: 3000K

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: Not Suitable for Dimming

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)

Housing Material: ADC12 Aluminium

Entries: Stainless Steel Strain Relief

Wiring: 6' 18-3 SJTW Cord Whip

Lens Material: PMMA

Mounting: Yoke Mount

Lens Type: Clear Optics

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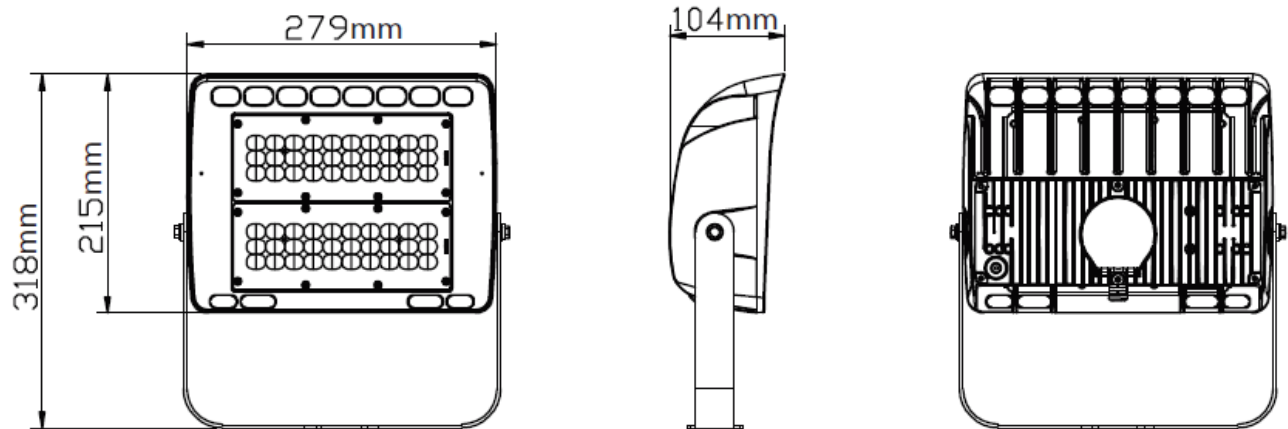
SHIPPING INFORMATION

OrderingCode(s): MPF1005KY-UNV-BZ

Box Quantity: 1

LINE DRAWING

Line Drawings



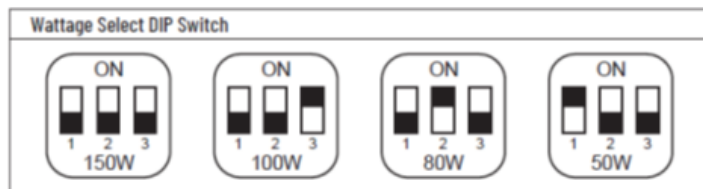
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SERIES ARCHITECTURE

Series Architecture

MPF -									
Part	Wattage		CCT		Mounting		Voltage		Finish
MPF	12	12W	30K	3000K	Y	Yoke Mount	UNV	120-277VAC	BZ Bronze
	30	30W	40K	4000K	K	1/2" Threaded Knuckle	UN4	347VAC	BK Black
	50	50W	50K	5000K	S	Slip Fitter (2-3/8" O.D.)			WH White
	80	80W							CC Custom Colour
	100	100W							
	150	150W							

Lumens	Wattage			
	150W	100W	80W	50W
	20,500 lm	13,660 lm	10,930 lm	6,830 lm



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