

Project:	
Location:	
Model#: MPF1003KS-UN4-BZ	Туре:
Client:	Qty:
Prepared by:	Date:

### **SERIES SPECIFICATIONS**

To supply Tamlite's MPF Series of Mini floodlight as specified. The luminaire shall operate at347-480Vac 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.

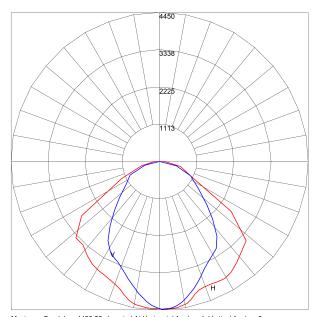






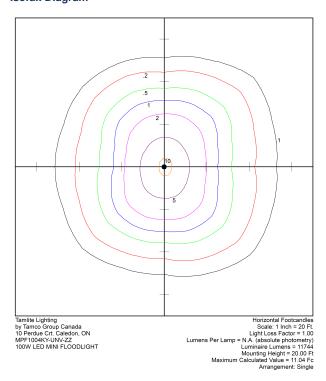
### PERFORMANCE SPECIFICATIONS

# **Luminance Distribution Chart**



Maximum Candela = 4450.26 Located At Horizontal Angle = 1, Vertical Angle = 3 H - Horizontal Axial Candela V - Vertical Axial Candela

# **Isolux Diagram**





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# **Zonal Lumen Summary**

ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS
0-10	411.82	40-50	2254.52	80-90	132.23	120-130	4.22	160-170	2.02
10-20	1114.65	50-60	2100.62	90-100	0.89	130-140	4.22	170-180	0.83
20-30	1644.74	60-70	1355.72	100-110	1.81	140-150	3.64		
30-40	2078.01	70-80	628.25	110-120	3.26	150-160	3.03		

Initial Lumen Output: 12236lm NEMA Type: 7H x 6V

Environmental Rating(s): IP65

Certification Standards: UL Safety US-

CA

Efficacy: 123lm/W
Beam Angle: 100 deg

**UL Classification:** Wet Location Listed **CCN Number:** IFAM7.E359675

**CBCP:** 4239cd

Luminaire Type: Direct - Type II Very Short Ambient Operating Temp: -40C to +40C Limited Product Warranty: 5 Year(s)

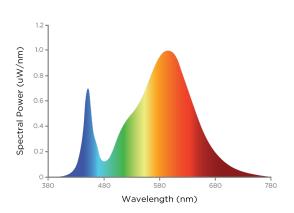
### LED SPECIFICATIONS

#### **R Tables**

R1	82
R2	90
R3	97
R4	82
R5	82
R6	88
R7	84
R8	62

R9	11
R10	78
R11	81
R12	71
R13	84
R14	99
R15	75

# **SPD**



Source Type: LED

**CRI:** >70

**Chromaticity:** x=0.43210 y=0.40236

Manufacturer: Lumileds®

**L70:** 54000 Hrs. **Duv:** 0.005

Part Number: LUXEON 3030 2D Colour Temperature: 3000K



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### **ELECTRICAL SPECIFICATIONS**

Driver Manufacturer: Inventronics®
Input Frequency: 50-60Hz
Inrush Current: 2.17 A2S
Power Factor @347Vac: >.90

Max Operating Case Temperature: 85C Over Temperature Protection: Decreases output current, returning to normal after

over temperature is removed.

Driver Part Number: ESD-096S360DT

Fixture Draw: 99.2W

Max On-Delay: < 2 S

THD @347Vac(%): <15%

**Dimming:** Not Suitable for Dimming **Short Circuit Protection:** Auto Recovery.

The output shall return to normal after the

fault condition is removed.

Input Voltage: 347Vac

Current Draw@347Vac: 0.2123

Auxiliary Control:
Driver MTBF: 103,000hrs

**Dimming Current mA:** .5mA draw **Driver Certifications:** c-RU-us Class 2,

FCC Part 15 Class B, RoHS

# PHYSICAL SPECIFICATIONS

Finish Colour: Bronze (RAL-8019)
Housing Material: ADC12 Aluminium

Entries: Gasketed Wire Entry

Wiring: 6' 18-3 SJTW Cord Whip

Lens Material: PMMA

**Mounting:** 2.375" O.D. Tenon **Lens Type:** Clear Optics

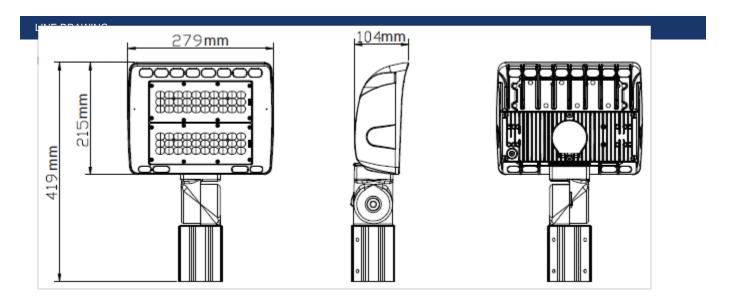
## SHIPPING INFORMATION

OrderingCode(s): MPF1003KS-UN4-BZ

Box Quantity: 1



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# SERIES ARCHITECTURE

MPF -

Part	Wa	ttage	CCT		Mounting		Voltage		Finish	
MPF	12	12W	30K	3000K	Υ	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								