

Project:		
Location:		
Model#: MPF1005KY-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.









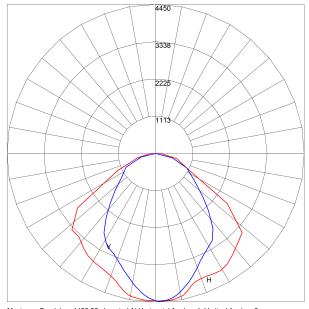






#### PERFORMANCE SPECIFICATIONS

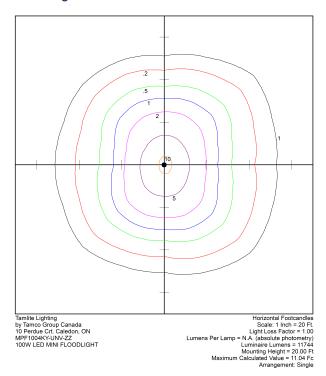
## **Luminance Distribution Chart**



# 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, DLC

Limited Product Warranty: 5 Year(s)

Efficacy: 123lm/W
Beam Angle: 100 deg

**UL Classification:** Wet Location Listed

DLC Number: PFS6HVP7

**CBCP:** 4239cd

Luminaire Type: Direct - Type II Very Short Ambient Operating Temp: -40C to +40C

CCN Number: IFAM7.E359675

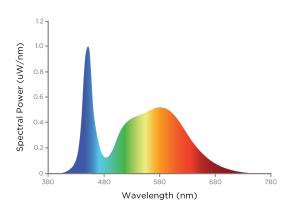
# LED SPECIFICATIONS

#### **R Tables**

R1	80
R2	88
R3	93
R4	81
R5	81
R6	83
R7	87
R8	66

R9	5
R10	71
R11	80
R12	58
R13	83
R14	96
R15	75

#### **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: 5000K



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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 Short Circuit Protection: Auto Recovery. The output shall return to normal after the

fault condition is removed.

Driver Part Number: ESD-096S360DT

Fixture Draw: 99.2W

Max On-Delay: THD @347Vac(%):
Dimming: Not Suitable for Dimming
Driver Certifications: c-RU-us Class 2,

FCC Part 15 Class B, RoHS

Input Voltage: 347Vac

**Current Draw@347Vac:** 0.2123

Auxiliary Control:

Driver MTBF: 103,000hrs

**Over Temperature Protection:** Decreases output current, returning to normal after

over temperature is removed.

## PHOTOCELL SENSOR INFORMATION

Finish Colour: Bronze (RAL-8019)

#### **EMERGENCY INFORMATION**

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

Mounting: Yoke Mount
Lens Type: Clear Optics

## 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): MPF1005KY-UN4-BZ Box Quantity: 1



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# LINE DRAWING

# **Line Drawings**

