

Project:	
Location:	
Model#: MPF1005KY-UN4-BZ	Type:
Client:	Qty:
Prepared by:	Date:

SERIES SPECIFICATIONS

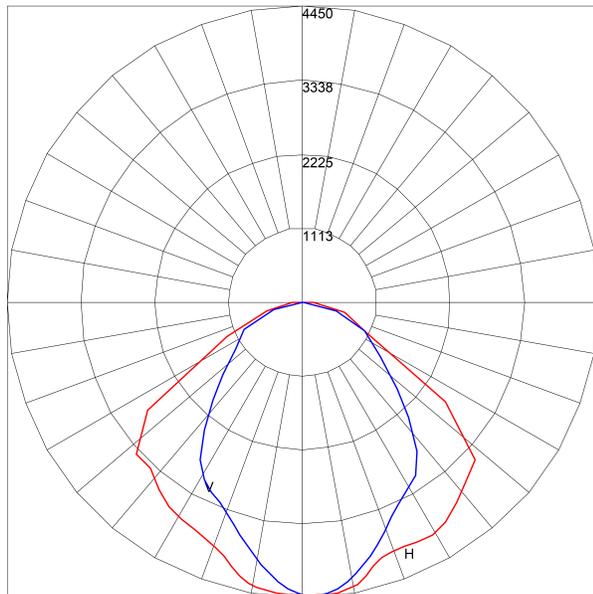


To supply Tamlite's MPF Series of Mini floodlight as specified. The luminaire shall operate at 347-480Vac and use a constant current type driver. The housing shall be constructed of powder-coated die-cast Aluminium with a screw down rear wiring compartment with pre-fitted IP68 stainless steel strain 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.



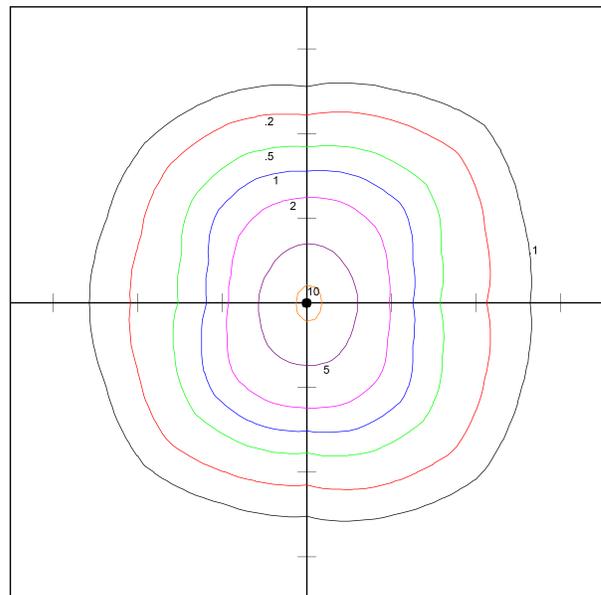
PERFORMANCE SPECIFICATIONS

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



Tamlite Lighting
by Tamco Group Canada
10 Perdue Crt. Caledon, ON
MPF1004KY-UNV-ZZ
100W LED MINI FLOODLIGHT

Horizontal Footcandles
Scale: 1 Inch = 20 Ft.
Light Loss Factor = 1.00
Lumens Per Lamp = N.A. (absolute photometry)
Luminaire Lumens = 11744
Mounting Height = 20.00 Ft
Maximum Calculated Value = 11.04 Fc
Arrangement: Single

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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

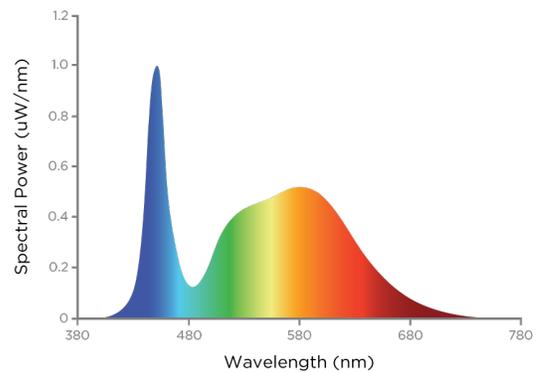
CCN Number: IFAM7.E359675

LED SPECIFICATIONS

R Tables

R1	80	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: 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: 2 S
THD @347Vac(%): 15%
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

