

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

SERIES SPECIFICATIONS

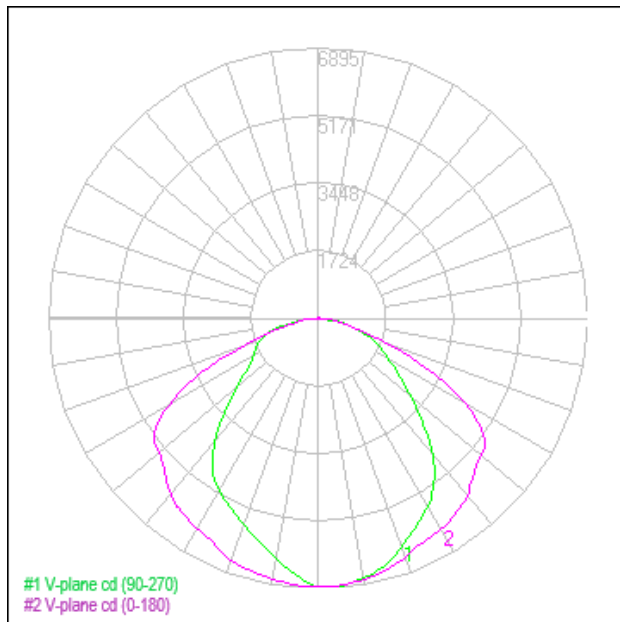


To supply TamLite's MPF Series of Mini floodlight as specified. The luminaire shall operate at 120-277Vac and use a constant current type driver. The housing shall be constructed of powder-coated die-cast Aluminium with a screw down rear wiring compartment with pre-fitted IP68 stainless steel strain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

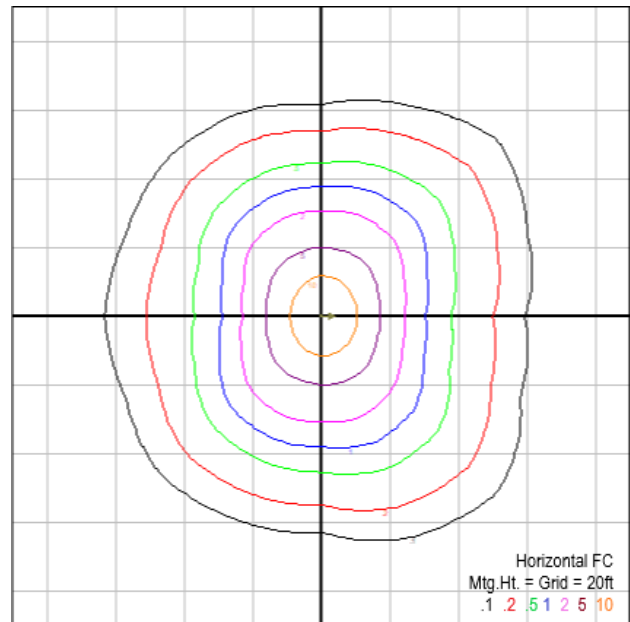


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



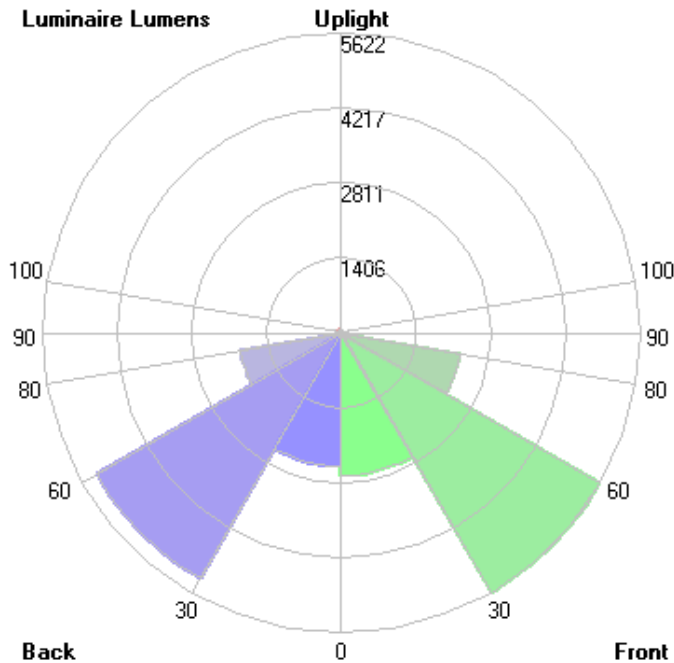
Isolux Diagram





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

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

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

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

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

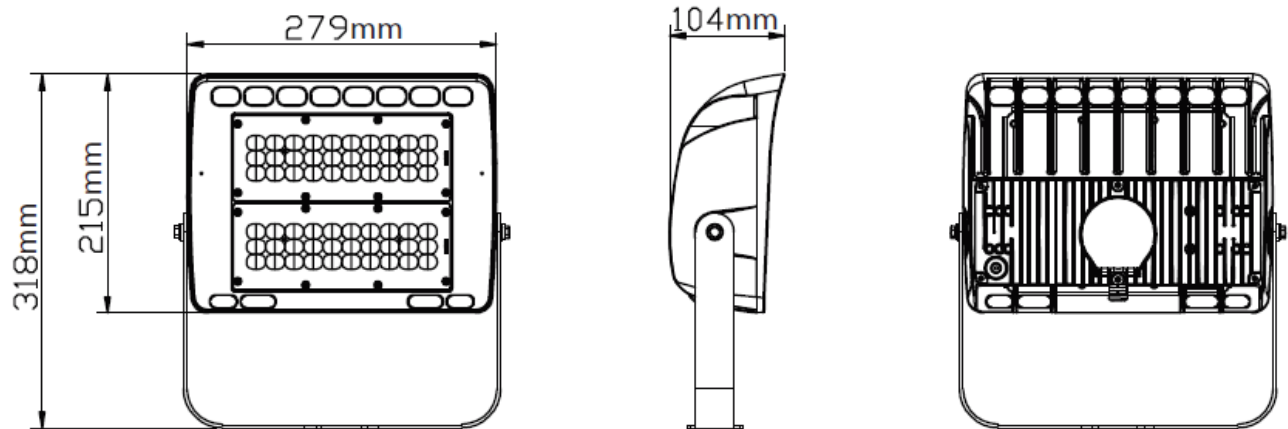
SHIPPING INFORMATION

OrderingCode(s): MPF1005KY-UNV-BZ

Box Quantity: 1

LINE DRAWING

Line Drawings



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

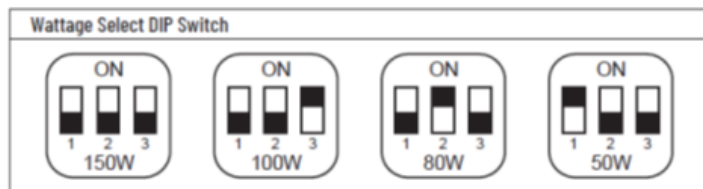
SERIES ARCHITECTURE

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 | | | | | | |

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



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