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|---------------------|---------------------------|
| CONTRACTOR: | |
| PROJECT: | DATE: |
| PREPARED BY: | MODEL#: WPFLED805K |

SERIES SPECIFICATIONS



To supply and install TamLite WPF series of LED fixtures as specified. The luminaire shall operate at 120VAC to 277VAC, and use a constant current type driver. The housing shall be constructed of powder-coated die-cast aluminum with a hinged wiring compartment, and an impact resistant polycarbonate lens. A durable formed gasket shall be provided between the enclosure and the lens, and the wiring compartment and housing. Internal wiring shall terminate in quick connects for ease of connectivity. The reflector shall be made of highly specular material and contoured to maximize light output efficiency. All parts shall be corrosion resistant. LEDs shall be as specified, CREE® CXB2530 LED Chips. The LEDs shall be supplied with the luminaire. The fixture shall be c-UL-us listed and DLC Qualified.



PERFORMANCE SPECIFICATIONS

FIG. 1 - Luminance Distribution Chart

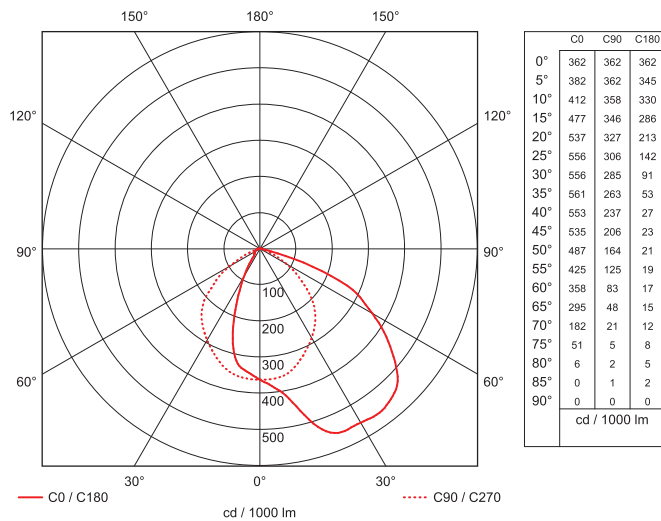


FIG. 2 - Isofootcandle Diagram

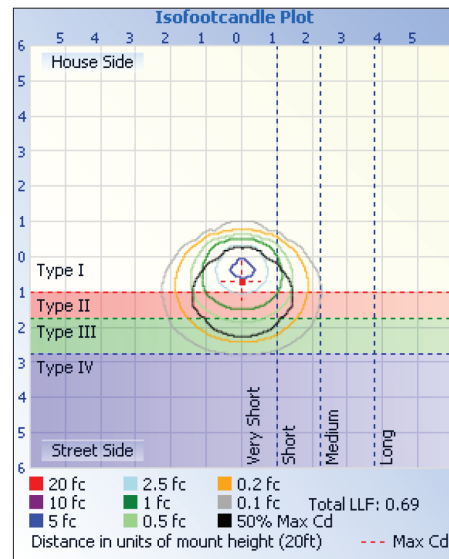


FIG. 3 - Zonal Lumen Summary

| ZONE | PERCENTAGE | ZONE | PERCENTAGE | ZONE | PERCENTAGE |
|-------|------------|---------|------------|---------|------------|
| 0-10 | 3.5% | 60-70 | 11.4% | 120-130 | 0% |
| 10-20 | 10.3% | 70-80 | 4.2% | 130-140 | 0% |
| 20-30 | 15.9% | 80-90 | 0.2% | 140-150 | 0% |
| 30-40 | 18.7% | 90-100 | 0% | 150-160 | 0% |
| 40-50 | 19.1% | 100-110 | 0% | 160-170 | 0% |
| 50-60 | 16.5% | 110-120 | 0% | 170-180 | 0% |

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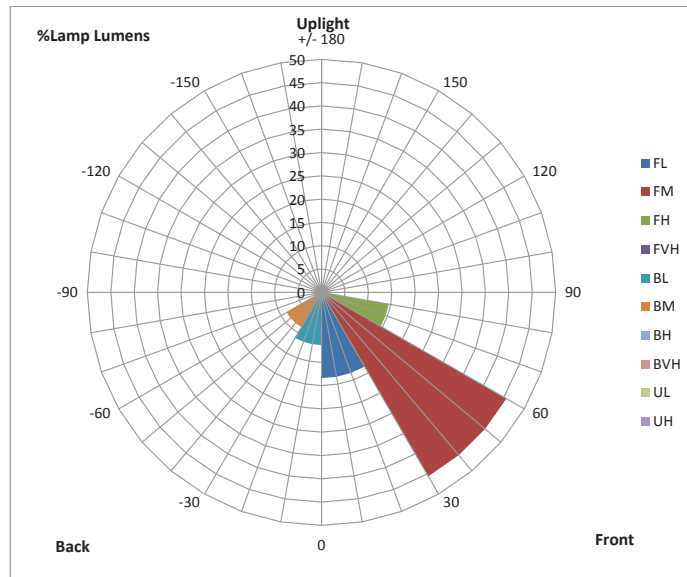
PERFORMANCE SPECIFICATIONS

Initial Lumen Output: 8562.00 lm
Luminaire Type: Type III Short
Operating Temperature: -40°C to +40°C

Efficacy: 109.84 lm/W
BUG Rating: B2-U2-G1
Certification Standards: cULus, RoHS, DLC

Beam Angle: 89.80°
Anti-Corrosion Warranty: 5 Years
Limited Product Warranty: 5 Years
Environmental Rating: IP65

FIG. 4 - LCS Graph



| WPFLED805K | | |
|-------------------------------|-------------|------------|
| | Lumens | %Luminaire |
| FL - Front-Low (0-30) | 1575.41 | 18.4 |
| FM - Front-Medium (30-60) | 3904.27 | 45.6 |
| FH - Front-High (60-80) | 1250.05 | 14.6 |
| FVH - Front-Very High (80-90) | 17.12 | 0.2 |
| BL - Back-Low (0-30) | 967.51 | 11.3 |
| BM - Back-Medium (30-60) | 736.332 | 8.6 |
| BH - Back-High (60-80) | 85.62 | 1.0 |
| BVH - Back-Very High (80-90) | 8.562 | 0.1 |
| UL - Uplight-Low (90-100) | 0.002 | 0.0 |
| UH - Uplight-High (100-180) | 17.124 | 0.2 |
| TOTAL | 8562 | 100 |

ELECTRICAL SPECIFICATIONS

Voltage: 120-277VAC
Driver: Meanwell
Fixture Draw: 77.95W @ 120VAC;
 76.61W @ 277VAC

Current Draw: 0.6554A @ 120VAC;
 0.2876A @ 277VAC
Power Factor: 0.9912 @ 120VAC;
 0.9618 @ 277VAC

THD: 14.83% @ 120VAC; 17.87% @ 277VAC
Frequency: 50/60 Hz

LED SPECIFICATIONS

LED Chip: CREE® CXB2530
LED Type: COB
R9: 10

Average Life: L70(6k)>36,000 hrs
Colour Temperature: 4962K
Duv: 0.0043

CRI: 81.5
Chromaticity: x= 0.3471; y= 0.3619

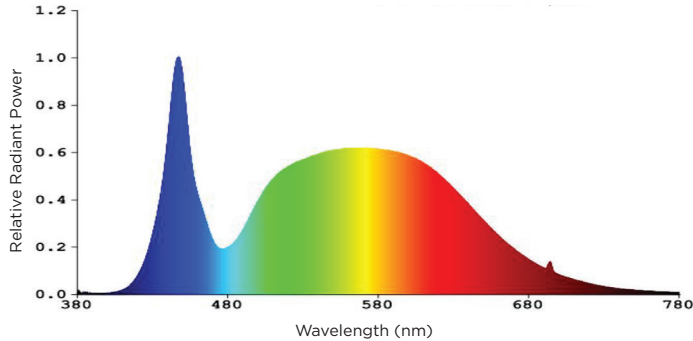
FIG. 5 - Colour Rendering Indices

| | | | | | |
|-----------|----|------------|----|------------|----|
| R1 | 80 | R6 | 79 | R11 | 82 |
| R2 | 84 | R7 | 88 | R12 | 58 |
| R3 | 89 | R8 | 70 | R13 | 80 |
| R4 | 83 | R9 | 10 | R14 | 94 |
| R5 | 80 | R10 | 64 | R15 | 74 |

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LED SPECIFICATIONS

FIG. 6 - Spectral Power Distribution



PHYSICAL SPECIFICATIONS

Colour(s): Architectural Bronze

Finished Type: Textured Powder Coat over Chromate Conversion Coat

Mounting: Wall Mount/Pole Mount

Housing Material: Die-Cast Aluminum

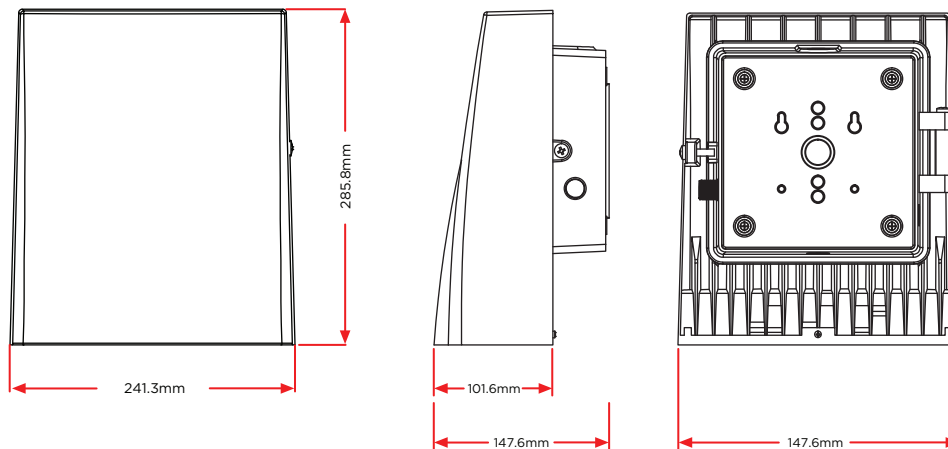
Lens Type: Clear

Lens Material: Tempered Glass

Wiring: 3 x 1/2" Coin Plugs

Reflector Material: Specular Aluminum

LINE DRAWING



ORDERING INFORMATION

Part Number: WPFLED805K

Inner Carton Quantity: 1

Inner Carton Length: 340mm - 13.38"

Inner Carton Width: 185mm - 7.28"

Inner Carton Height: 305mm - 12"

Inner Carton Weight: 4.72kg - 10.45lbs

Outer Carton Quantity: 2

Outer Carton Length: 390mm - 15.35"

Outer Carton Width: 320mm - 12.59"

Outer Carton Height: 360mm - 14.17"

Outer Carton Weight: 9.44 kg - 20.8lbs

Optional Extras: WPFLED-SF (Slip Fitter), WPFLED-PA (Pole Mount Arm), WPFLED-PC (Photocell)