

CONTRACTOR:	
PROJECT:	DATE:
PREPARED BY:	MODEL#: WPFLED505K-347V

SERIES SPECIFICATIONS



To supply and install TamLite WPF series of LED fixtures as specified. The luminaire shall operate at 347VAC to 480VAC, 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® CXB1512 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

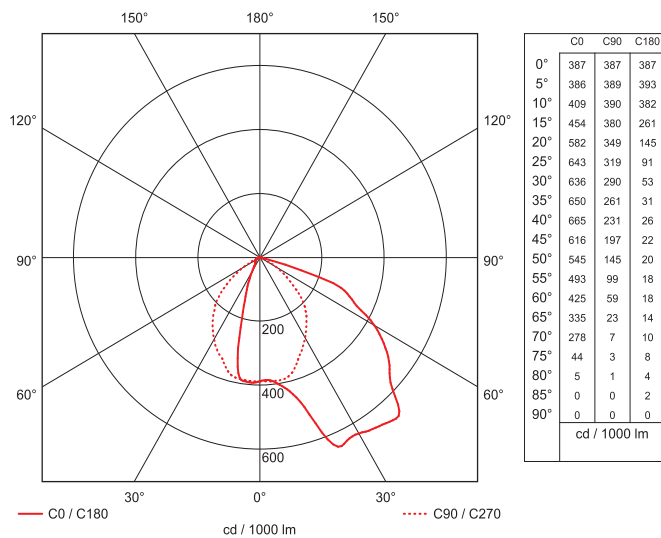


FIG. 2 - Isofootcandle Diagram

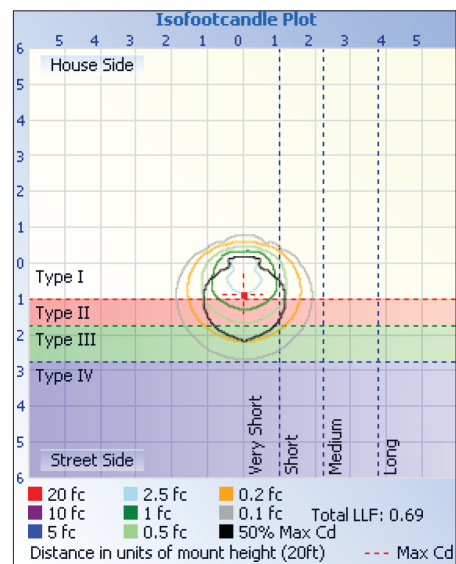


FIG. 3 - Zonal Lumen Summary

ZONE	PERCENTAGE	ZONE	PERCENTAGE	ZONE	PERCENTAGE
0-10	3.7%	60-70	11.3%	120-130	0%
10-20	10.4%	70-80	4.5%	130-140	0%
20-30	15.6%	80-90	0.2%	140-150	0%
30-40	18.6%	90-100	0%	150-160	0%
40-50	19.4%	100-110	0%	160-170	0%
50-60	16.3%	110-120	0%	170-180	0%

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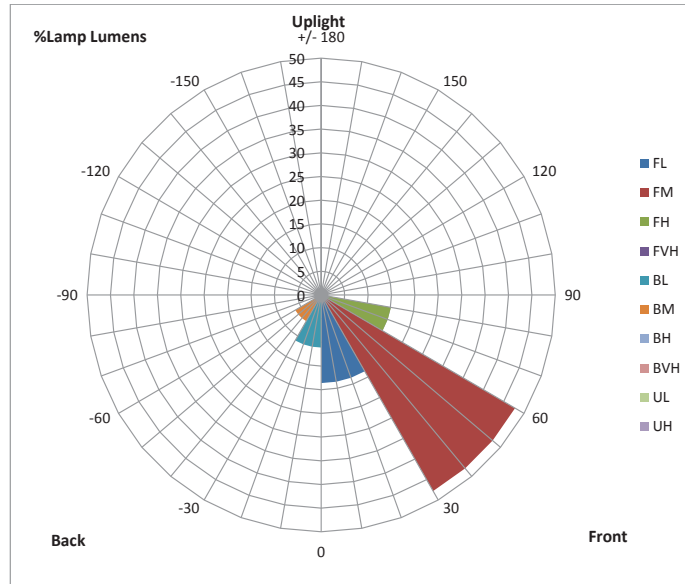
PERFORMANCE SPECIFICATIONS

Initial Lumen Output: 5163.00 lm
Luminaire Type: Type III Very Short
Environmental Rating: IP65
Beam Angle: 84.40°

Efficacy: 105.97 lm/W
Limited Product Warranty: 5 Years
Certification Standards: cULus, RoHS, DLC

Bug Rating: B2-U0-G1
Anti-Corrosion Warranty: 5 Years
Operating Temperature: -40°C to +40°C

FIG. 4 - LCS Graph



WPFLED505K-347V		
	Lumens	%Luminaire
FL - Front-Low (0-30)	960.32	18.6
FM - Front-Medium (30-60)	2467.91	47.8
FH - Front-High (60-80)	779.61	15.1
FVH - Front-Very High (80-90)	5.16	0.1
BL - Back-Low (0-30)	573.09	11.1
BM - Back-Medium (30-60)	330.43	6.4
BH - Back-High (60-80)	36.14	0.7
BVH - Back-Very High (80-90)	5.16	0.1
UL - Uplight-Low (90-100)	0	0.0
UH - Uplight-High (100-180)	0	0.0
TOTAL	5163	100

ELECTRICAL SPECIFICATIONS

Voltage: 340-480VAC
Driver: Meanwell
Fixture Draw: 48.72W @ 347VAC, 49.66W @ 480VAC

Current Draw: 0.1435A @347VAC, 0.1144A @ 480VAC
Power Factor: 0.9782 @ 347VAC, 0.9043 @ 480VAC

THD: 9.03% @ 347VAC, 15.01% @ 480VAC
Frequency: 50/60 Hz

LED SPECIFICATIONS

LED Chip: CREE® CXB1512
LED Type: COB
R9: 15

Average Life: L70(6k)>36,000 hrs
Colour Temperature: 4820K
Duv: 0.0035

CRI: 83.3
Chromaticity: x=0.3513; y=0.3635

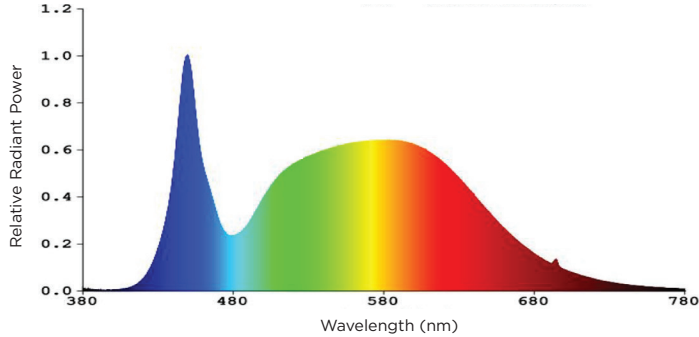
FIG. 5 - Colour Rendering Indices

R1	81	R6	82	R11	82
R2	87	R7	89	R12	58
R3	91	R8	70	R13	83
R4	83	R9	15	R14	95
R5	81	R10	69	R15	76

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LED SPECIFICATIONS

FIG. 6 - Spectral Distribution Chart



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

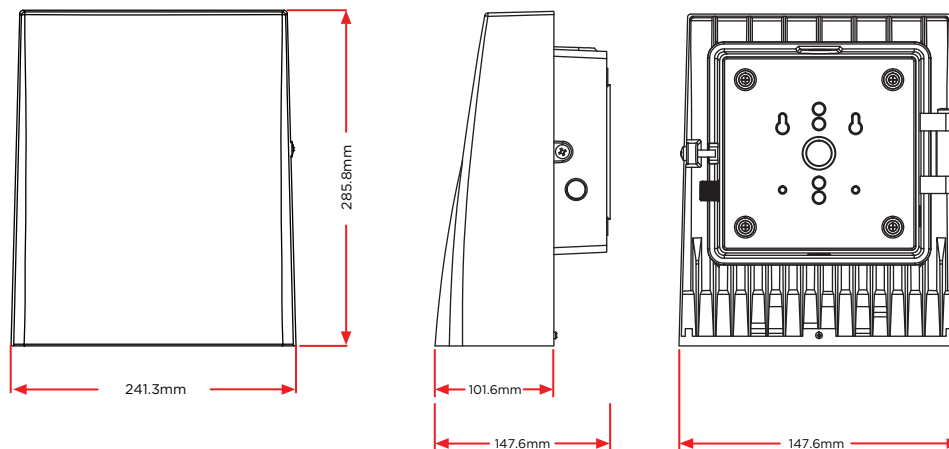
Reflector Material: Specular Aluminum

Lens Material: Tempered Glass

Wiring: 3 x 1/2" Coin Plugs

Lens Type: Clear

LINE DRAWING



ORDERING INFORMATION

Part Number: WPFLED505K-347V

Inner Carton Quantity: 1

Inner Carton Length: 340mm - 13.38"

Inner Carton Height: 305mm - 12"

Inner Carton Width: 185mm - 7.28"

Inner Carton Weight: 9.85lbs - 4.47kg

Outer Carton Quantity: 6

Outer Carton Length: 390mm - 15.35"

Outer Carton Height: 360mm - 14.17"

Outer Carton Width: 320mm - 12.59"

Outer Carton Weight: 18.7lbs - 8.5kg

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