

CONTRACTOR:	
PROJECT:	DATE:
PREPARED BY:	MODEL#: WPFLED305K-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.



PERFORMANCE SPECIFICATIONS

FIG. 1 - Luminance Distribution Chart

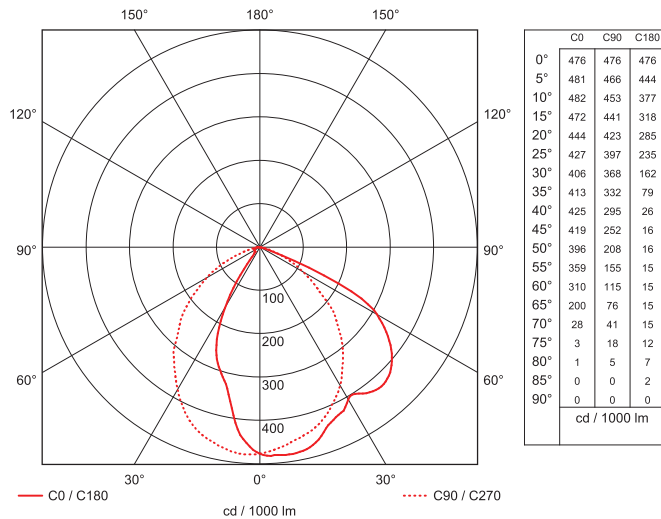


FIG. 2 - Isofootcandle Diagram

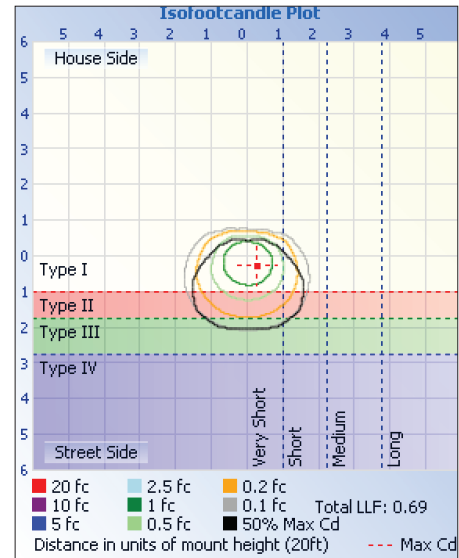


FIG. 3 - Zonal Lumen Summary

ZONE	PERCENTAGE	ZONE	PERCENTAGE	ZONE	PERCENTAGE
0-10	4.4%	60-70	10.4%	120-130	0%
10-20	12.1%	70-80	2.6%	130-140	0%
20-30	17.3%	80-90	0.2%	140-150	0%
30-40	19.0%	90-100	0%	150-160	0%
40-50	18.3%	100-110	0%	160-170	0%
50-60	15.8%	110-120	0%	170-180	0%

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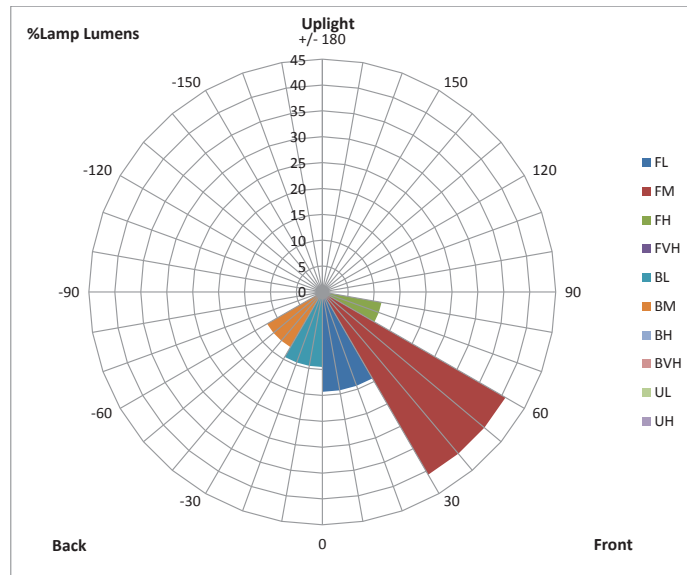
PERFORMANCE SPECIFICATIONS

Initial Lumen Output: 2897.00 lm
Luminaire Type: Type III Short
Environmental Rating: IP65
Beam Angle: 91.8°

Limited Product Warranty: 5 Years
Anti-Corrosion Warranty: 5 Years
Certification Standards: cULus, RoHS
Bug Rating: B1-U0-G0

Efficacy: 107.46 lm/W
Min. Operating Temp: -40°C to +40°C
CBCP: 1350.0 cd

FIG. 4 - LCS Graph



WPFLED305K-347V		
	Lumens	%Luminaire
FL - Front-Low (0-30)	559.121	19.3
FM - Front-Medium (30-60)	1181.976	40.8
FH - Front-High (60-80)	336.052	11.6
FVH - Front-Very High (80-90)	2.897	0.1
BL - Back-Low (0-30)	420.07	14.5
BM - Back-Medium (30-60)	356.331	12.3
BH - Back-High (60-80)	40.558	1.4
BVH - Back-Very High (80-90)	2.897	0.1
UL - Uplight-Low (90-100)	0	0.0
UH - Uplight-High (100-180)	0	0.0
TOTAL	2897	100

ELECTRICAL SPECIFICATIONS

Voltage: 347-480VAC
Frequency: 50/60 Hz
Fixture Draw: 26.96W @ 347VAC;
 27.13W @ 480VAC

Current Draw: 0.0787A @ 347VAC;
 0.0626A @ 480VAC
Power Factor: 0.9868 @ 347VAC;
 0.9029 @ 480VAC

Driver: Inventronics
THD: 15.34% @ 347VAC; 18.15% @ 480VAC

LED SPECIFICATIONS

LED Chip: CREE® CXB1512
LED Type: COB
R9: 12

Average Life: L70(6k)>36,000 hrs
Colour Temperature: 4762K
Duv: 0.0038

CRI: 82.6
Chromaticity: x= 0.3532 y= 0.3657

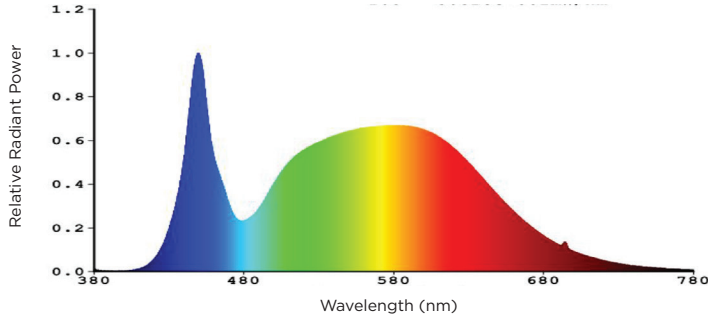
FIG. 5 - Colour Rendering Indices

R1	81	R6	81	R11	81
R2	87	R7	89	R12	58
R3	91	R8	69	R13	82
R4	83	R9	12	R14	95
R5	81	R10	68	R15	75

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LED SPECIFICATIONS

FIG. 6 - Spectral Distribution Chart



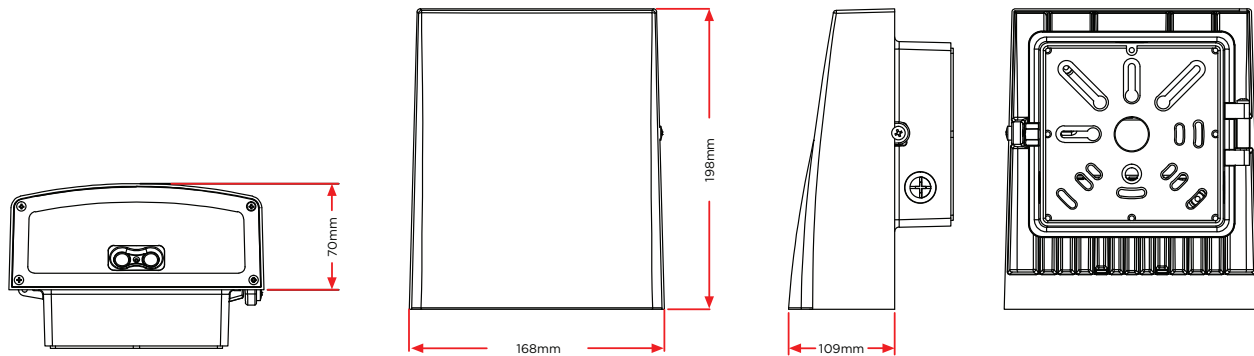
PHYSICAL SPECIFICATIONS

Colour(s): Architectural Bronze
Finished Type: Textured Powder Coat over Chromate Conversion Coat
Lens Type: Clear

Wiring: 3 x 1/2" Coin Plugs
Mounting: Wall Mount/Yoke Mount/ Knuckle Mount (included)

Housing Material: Die-Cast Aluminum
Reflector Material: Specular Aluminum
Lens Material: Tempered Glass

LINE DRAWING



ORDERING INFORMATION

Part Number: WPFLED305K-347V

Inner Carton Quantity: 1

Inner Carton Length: 245mm - 9.64"
Inner Carton Width: 185mm - 7.28"

Inner Carton Height: 215mm - 8.46"
Inner Carton Weight: 5.20lbs - 2.35kg

Outer Carton Quantity: 6

Outer Carton Length: 575mm - 22.63"
Outer Carton Width: 445mm - 17.51"

Outer Carton Height: 260mm - 10.24"
Outer Carton Weight: 31.7lbs - 14.7kg