

Project:	
Location:	
Model#: WPA120SW-WRV-BK	Type:
Client:	Qty:
Prepared by:	Date:

SERIES SPECIFICATIONS

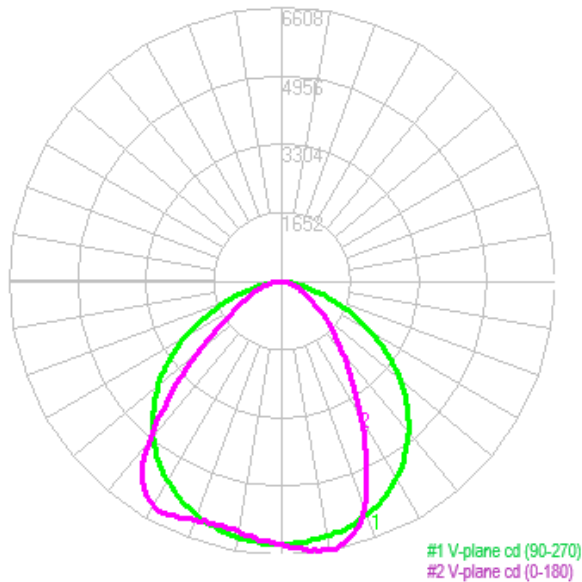


To supply Tamlite's WPA series of LED fixtures as specified. The luminaire shall operate at 120-347Vac, and use a constant current type driver. Driver shall be dimmable by 1-10Vdc control. The housing shall be constructed of powder-coated die-cast Aluminium with a hinged optical compartment, and an impact resistant polycarbonate lens. Optical assembly shall adjust in 15 degree increments to a maximum of 90 degrees. 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. All parts shall be corrosion resistant. LEDs shall be as specified, LUXEON® 3030-2D LED Chips. The LEDs shall be supplied with the luminaire. The luminaire shall be cULus and DLC Listed

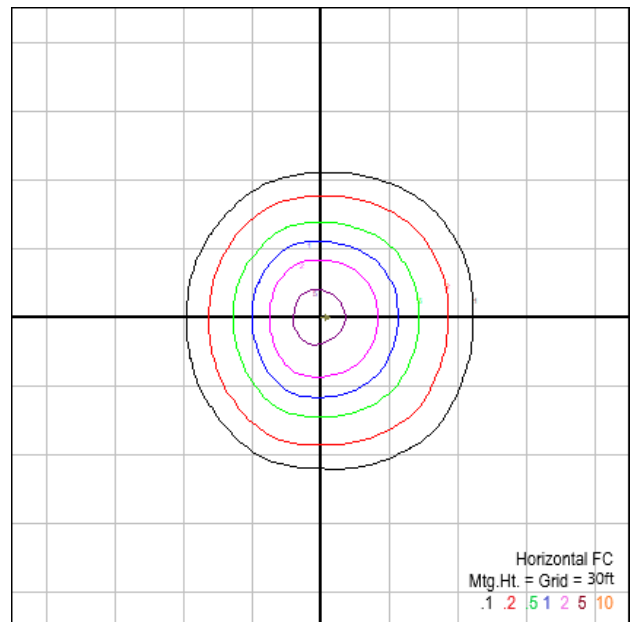


PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



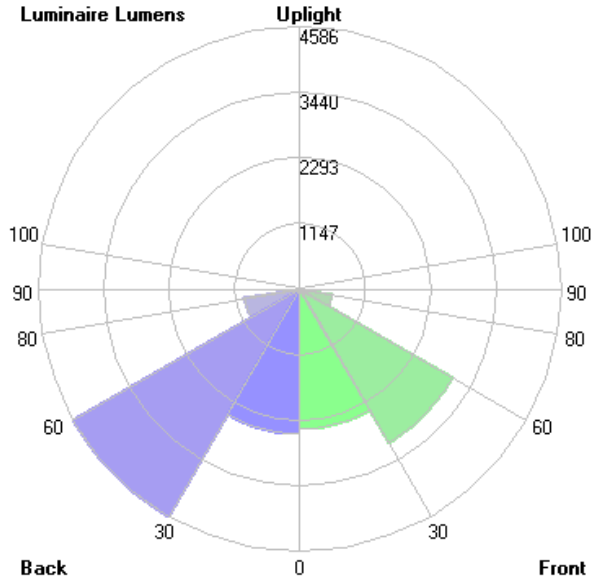
Isolux Diagram





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BUG Graph



Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	2448.7	17.1	17.1
FM (30-60)	3101.1	21.7	21.7
FH (60-80)	579.5	4.1	4.1
FVH (80-90)	21.2	0.1	0.1
BL (0-30)	2523.6	17.6	17.6
BM (30-60)	4586.1	32.1	32.1
BH (60-80)	982.1	6.9	6.9
BVH (80-90)	64.5	0.5	0.5
UL (90-100)	0.0	0.0	0.0
UH (100-180)	0.0	0.0	0.0
Total	14306.8	100.1	100.0

BUG Rating B4-U0-G2

Initial Lumen Output: 14,307lm

Luminaire Type: Cut-off

UL Classification: Wet Location Listed

DLC Number: S-N8B1D5

Efficacy: 117lm/W

BUG Rating: B4-U0-G2

Ambient Operating Temp: -40C to +40C

CCN Number: IFAM7.E359675

Max Candela: 6608cd (0H, 11,V)

Environmental Rating(s): IP65

Certification Standards: UL Safety US-CA , DLC Listed

Limited Product Warranty: 5 Year(s)

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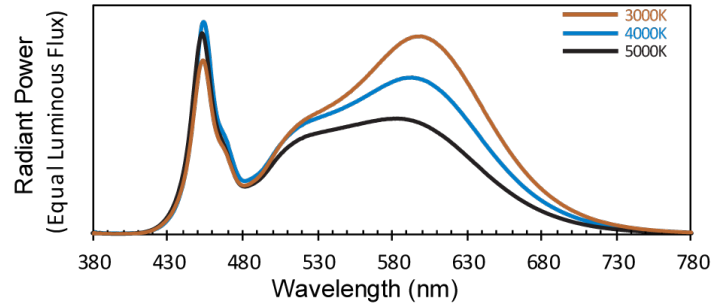
LED SPECIFICATIONS

R Tables

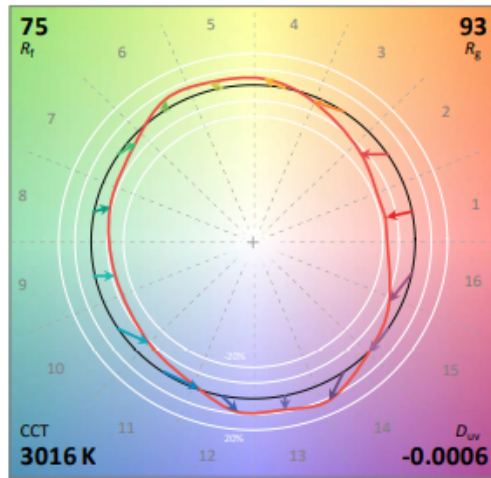
R1	58
R2	83
R3	94
R4	67
R5	67
R6	76
R7	76
R8	43

R9	-33
R10	60
R11	61
R12	47
R13	71
R14	97
R15	61
Ra	72

SPD



TM-30



Source Type: LED
CRI: >70
L70: >90,000 Hrs

Manufacturer: Lumileds®
Rf: 75
Colour Temperature: 3000K, 4000K or 5000K Field Selectable

Part Number: LUXEON 3030-2D
Rg: 93
Duv: 0.0036



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ELECTRICAL SPECIFICATIONS

Input Voltage: 120~347Vac
Current Draw@ 120Vac: 1.028
Inrush Current: 2.17 A2S
Power Factor @277Vac: >.90
Driver MTBF: 300,000hrs
Over Temperature Protection: Decreases output current, returning to normal after over temperature is removed.

Input Frequency: 50-60Hz
Current Draw@ 277Vac: 0.4716A
Max On-Delay: < 1 S
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.

Fixture Draw: 121.59W (100W, 80W, 50W)
Current Draw@347Vac: 0.3504A
Power Factor @120Vac: >.90
THD @277Vac(%): <15%
Dimming: 0-10Vdc, (0% Min Light Level)
Driver Certifications: c-RU-us Class 2, FCC Part 15 Class B, RoHS

PHYSICAL SPECIFICATIONS

Finish Colour: Black (RAL-9011)
Mounting: Wall Mount
Lens Type: Clear Optics

Finish Type: Textured Powder Coat over Chromate Conversion Coat
Housing Material: ADC12 Aluminium

Wiring: 3 x ½" Coin Plugs, one each side and bottom
Lens Material: PMMA

SHIPPING INFORMATION

OrderingCode(s): WPA120SW-WRV-BK
Box Weight: 4.6 kg
Carton Weight: 9.98

Box Quantity: 1
Carton Quantity: 2

Box Dimensions (L-W-H): 315 x 165 x 355 mm
Carton Dimensions (I-W-H): 345 x 330 x 370 mm

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LINE DRAWING

Line Drawings

