

Project:	
Location:	
Model#: WPA123K-UNV-BK	Туре:
Client:	Qty:
Prepared by:	Date:

SERIES SPECIFICATIONS



To supply Tamlite's WPA series of LED fixtures 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 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, LUXEON® 2835 LED Chips. The LEDs shall be supplied with the luminaire. The luminaire shall be cULus Listed and DLC Listed.











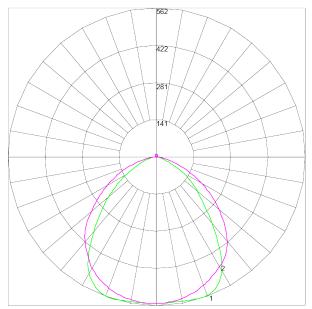






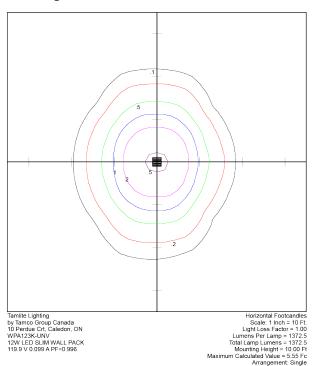
PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Maximum Candela = 562.19 Located At Horizontal Angle = 180, Vertical Angle = 18 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) # 2 - Vertical Plane Through Horizontal Angles (90 - 270)

Isolux Diagram





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Zonal Lumen Summary

ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS
0-10	52.79	40-50	262.68	80-90	7.98	120-130	3.91	160-170	2.46
10-20	154.96	50-60	190.18	90-100	1.36	130-140	4.35	170-180	0.89
20-30	243.10	60-70	106.37	100-110	2.10	140-150	4.26		
30-40	287.19	70-80	41.31	110-120	3.07	150-160	3.60		

Initial Lumen Output: 1321lm Luminaire Type: Cut-off

UL Classification: Wet Location Listed **DLC Number:** PL0TQKN6UPOB

Efficacy: 116.47lm/W BUG Rating: B1-U2-G0

Ambient Operating Temp: -40C to +40C

CCN Number: IFAM7.E359675

Max Candela: 562

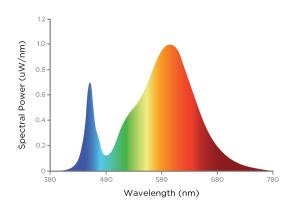
Environmental Rating(s): IP65
Certification Standards: UL Safety US-

CA, DLC

Limited Product Warranty: 5 Year(s)

LED SPECIFICATIONS

SPD



Source Type: LED

CRI: >80

Chromaticity: x=0.4312 y=0.4036

Manufacturer: Lumileds®

L70: 54000 Hrs **Duv:** 0.0006

Part Number: LUXEON 2835 **Colour Temperature:** 3000K



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ELECTRICAL SPECIFICATIONS

Driver Manufacturer: TOWIN® Input Frequency: 50-60Hz
Current Draw@ 277Vac: 0.0484
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

Driver Part Number: FS12W-48C0250

Fixture Draw: 11.78W
Inrush Current: 2.17 A2S
Power Factor @277Vac: >.90
Driver MTBF: 200,000hrs

Over Temperature Protection: Decreases output current, returning to normal after

over temperature is removed.

Input Voltage: 120~277Vac Current Draw@ 120Vac: 0.099A

Max On-Delay: < 1.5 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.

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
Reflector Material: highly specular material

Wiring: 3 x 1/2" Coin Plugs, one each side

and bottom

Lens Material: PMMA

SHIPPING INFORMATION

OrderingCode(s): WPA1230K-UNV-BK

Box Weight: 0.9 kg **Carton Weight:** 11.22

Box Quantity: 1
Carton Quantity: 12

Box Dimensions (L-W-H): $130 \times 99 \times 156$

mm

Carton Dimensions (I-W-H): 325 x 275 x

320 mm

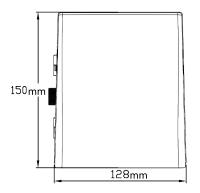


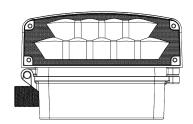
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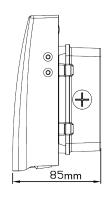
LINE DRAWING

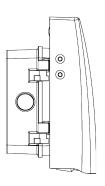
Line Drawings













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SERIES ARCHITECTURE

Series Architecture

WPA NOMENCLATURE

Part	Wattage CCT		Mounting		Voltage		Colour		Accessories			
WPA	12	12W	3K	3000K	[Blank]	Wall Surface	UNV	120~277VAC	BZ	Bronze	PC	WPFLED-PC120
	30	30W	4K	4000K			347	347VAC	BK	Black		
	50	50W	5K	5000K					WT	White		
	80	80W							CC	Custom Colour		
	100	100W										
	120	120W										

Optional Extras: WPFLED-PC-120