

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

SERIES SPECIFICATIONS

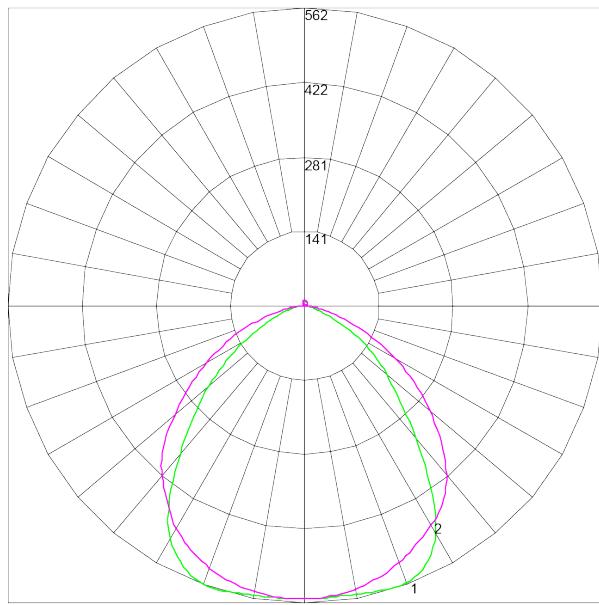


To supply Tamlite's WPA series of LED fixtures as specified. The luminaire shall operate at 120-277Vac, and use a constant current type driver. The housing shall be constructed of powder-coated die-cast Aluminium with a hinged wiring compartment, and an impact resistant polycarbonate lens. A durable 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.



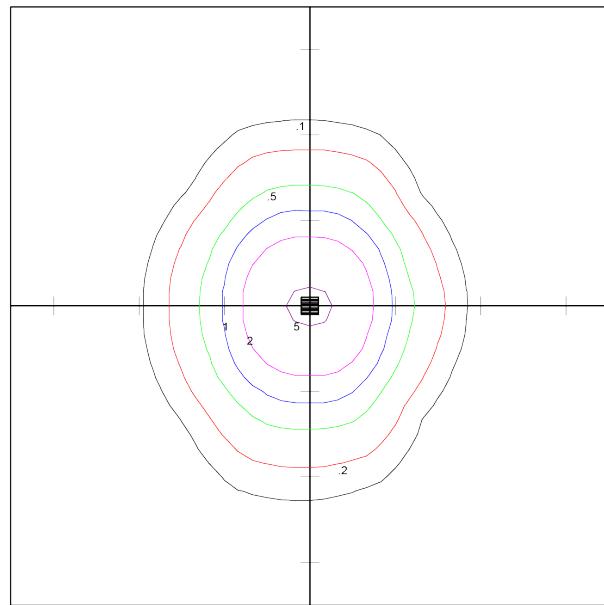
PERFORMANCE SPECIFICATIONS

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



Tamlite Lighting
 by Tamco Group Canada
 10 Perdue Crt, Caledon, ON
 WPA123K-UNV
 12W LED SLIM WALL PACK
 119.9 V 0.099 A PF=0.996

Horizontal Footcandles
 Scale: 1 Inch = 10 Ft.
 Light Loss Factor = 1.00
 Lumens Per Lamp = 1372.5
 Total Lamp Lumens = 1372.5
 Mounting Height = 10.00 Ft
 Maximum Calculated Value = 5.55 Fc
 Arrangement: Single

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

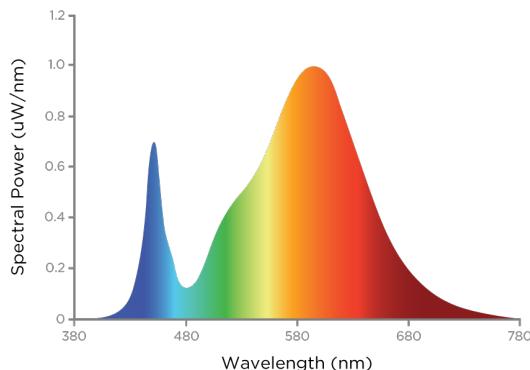
Environmental Rating(s): IP65

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

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

Ordering Code(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 x 99 x 156

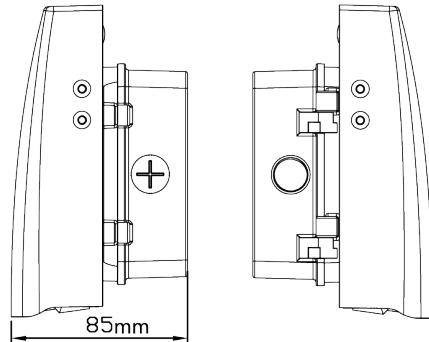
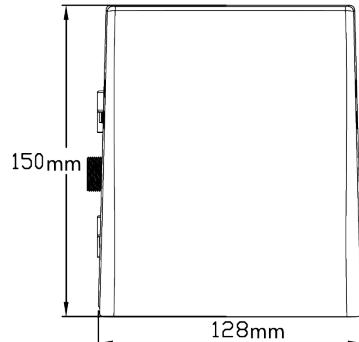
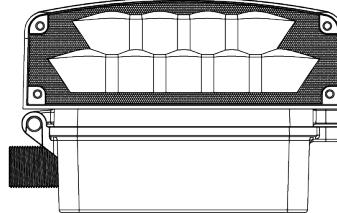
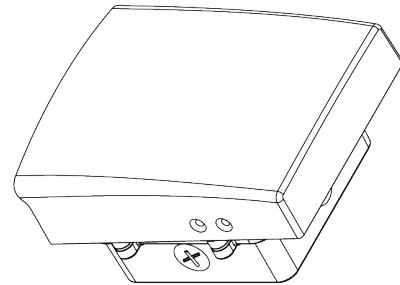
mm

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

320 mm

LINE DRAWING

Line Drawings



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