



Project:	
Location:	
Model#: WPA1004K-UN4-BK	Type:
Client:	Qty:
Prepared by:	Date:

**SERIES SPECIFICATIONS**

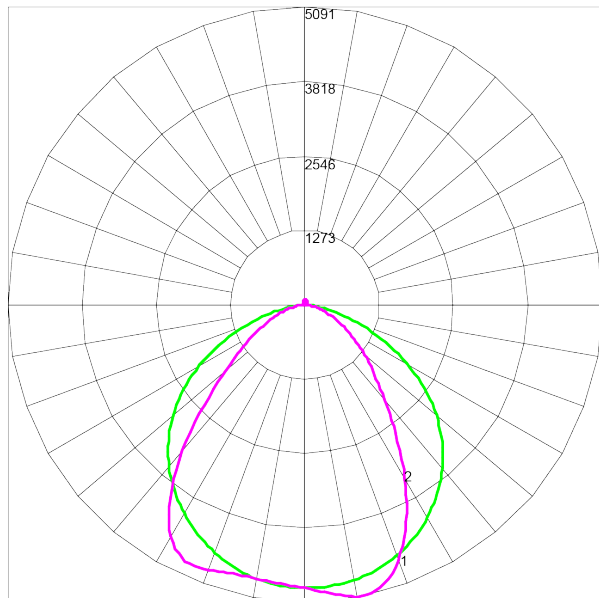


To supply TamLite's WPA series of LED fixtures as specified. The luminaire shall operate at 347Vac, and use a constant current type driver. The housing shall be constructed of powder-coated die-cast Aluminium with a hinged wiring compartment, and an impact resistant polycarbonate lens. A durable formed 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 = 5091.216 Located At Horizontal Angle = 0, Vertical Angle = 11  
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270)  
 # 2 - Vertical Plane Through Horizontal Angles (0 - 180)

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### Zonal Lumen Summary

ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS
0-10	463.67	40-50	2107.58	80-90	85.59	120-130	32.76	160-170	20.60
10-20	1354.09	50-60	1549.96	90-100	12.38	130-140	36.60	170-180	7.47
20-30	2050.56	60-70	926.71	100-110	18.04	140-150	35.73	--	--
30-40	2336.11	70-80	408.37	110-120	25.81	150-160	30.18	--	--

**Initial Lumen Output:** 12134lm

**Luminaire Type:** Cut-off

**UL Classification:** Wet Location Listed

**CCN Number:** IFAM7.E359675

**Efficacy:** 114.77lm/W

**BUG Rating:** B3-U0-G1

**Ambient Operating Temp:** -40C to +40C

**Limited Product Warranty:** 5 Year(s)

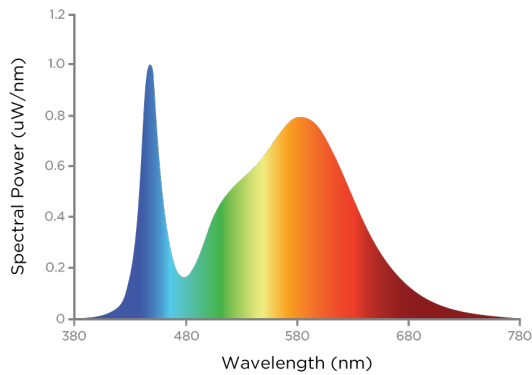
**Max Candela:** 5063

**Environmental Rating(s):** IP65

**Certification Standards:** UL Safety US-CA , DLC

## LED SPECIFICATIONS

### SPD



**Source Type:** LED

**CRI:** >80

**Chromaticity:** x=0.3799 y=0.3774

**Manufacturer:** Lumileds®

**L70:** 54000 Hrs

**Duv:** 0.0005

**Part Number:** LUXEON 2835

**Colour Temperature:** 4000K



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#### ELECTRICAL SPECIFICATIONS

**Driver Manufacturer:** Inventronics®  
**Input Frequency:** 50-60Hz  
**Inrush Current:** 2.17 A2S  
**THD @347Vac(%):** <10%  
**Dimming:** 1-10Vdc, (10% Min Light Level)  
**Short Circuit Protection:** Auto Recovery.  
The output shall return to normal after the fault condition is removed.

**Driver Part Number:** ESD-096S360DT  
**Fixture Draw:** 100.2W  
**Max On-Delay:** < 1 S  
**Driver MTBF:** 211,000hrs  
**Dimming Current mA:** 300mA  
**Driver Certifications:** c-RU-us Class 2,  
FCC Part 15 Class B, RoHS

**Input Voltage:** 347Vac  
**Current Draw@347Vac:** 0.2899  
**Power Factor @347Vac:** >.90  
**Max Operating Case Temperature:** 90C  
**Over Temperature Protection:** Decreases output current, returning to normal after over temperature 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 ½" Coin Plugs, one each side and bottom  
**Lens Material:** PMMA

#### SHIPPING INFORMATION

**OrderingCode(s):** WPA1004K-UN4-BK  
**Box Weight:** 5.08 kg  
**Carton Weight:** 10.7

**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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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										