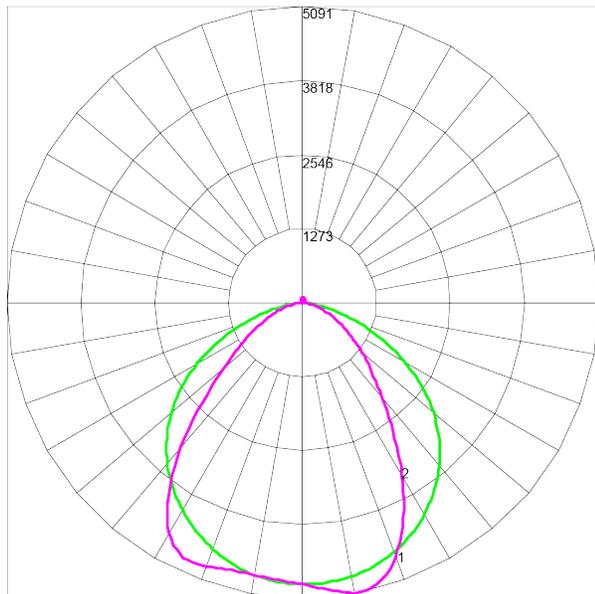| Project:		
Location:		
Model#: WPA1004K-UN4-BK	**Type:**	
Client:	**Qty:**	
Prepared by:	**Date:**	

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.

cULus LISTED · DLC LISTED · IP65 · WET LOCATION · UN4 347-480 VAC · LED · 4000K · RoHS COMPLIANT · MADE TO ORDER

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)

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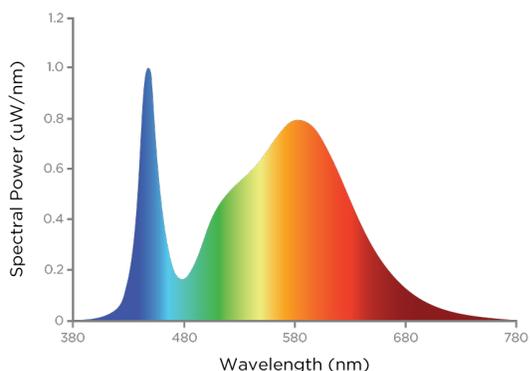**Limited Product Warranty:** 5 Year(s)

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

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

Project:

Location:

Model#: WPA1004K-UN4-BK

Type:

Client:

Qty:

Prepared by:

Date:

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										