

Project:	
Location:	
Model#: WPA1203K-UNV-BK	Type:
Client:	Qty:
Prepared by:	Date:

SERIES SPECIFICATIONS

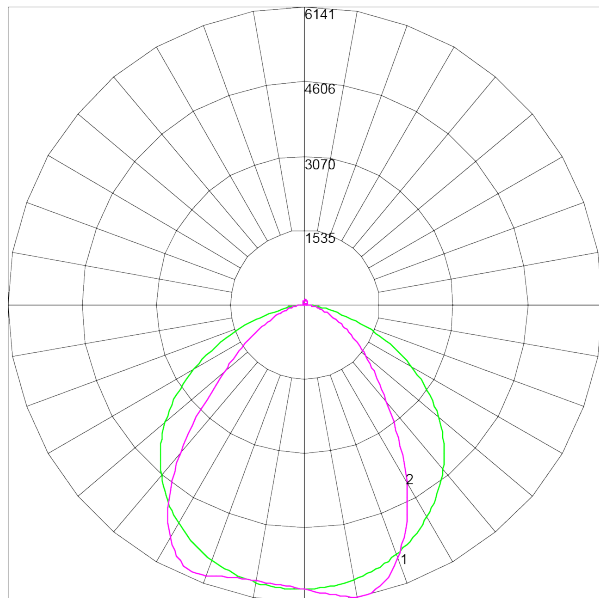


To supply TamLite's WPA series of LED fixtures as specified. The luminaire shall operate at 120-277Vac, and use a constant current type driver. The housing shall be constructed of powder-coated die-cast Aluminium with a hinged wiring compartment, and an impact resistant polycarbonate lens. A durable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



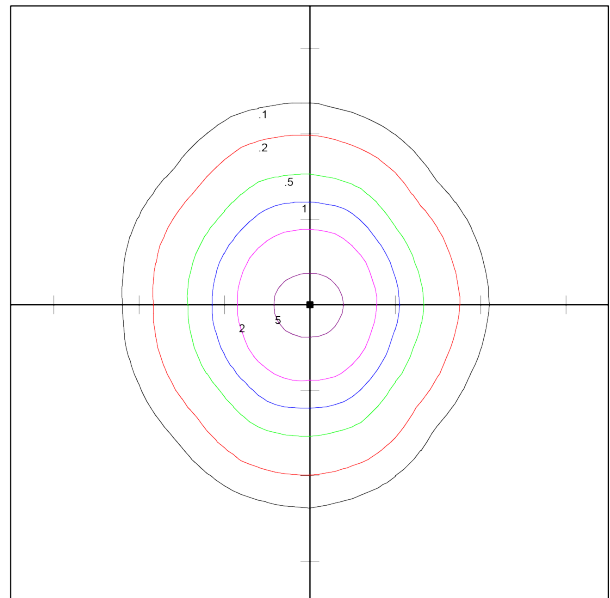
PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Maximum Candela = 6140.73 Located At Horizontal Angle = 360, Vertical Angle = 11
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270)
 # 2 - Vertical Plane Through Horizontal Angles (0 - 180)

Isolux Diagram



TamLite Lighting Canada
 Div Tamco Group Canada
 WPA1203K-UNV-BZ
 120W LED SLIM WALL PACK

Horizontal Footcandles
 Scale: 1 Inch = 30 Ft
 Light Loss Factor = 1.00
 Lumens Per Lamp = 15060.8
 Total Lamp Lumens = 15060.8
 Mounting Height = 30.00 Ft
 Maximum Calculated Value = 6.55 Fc
 Arrangement: Single

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Zonal Lumen Summary

ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS
0-10	557.83	40-50	2535.58	80-90	102.98	120-130	39.41	160-170	24.78
10-20	1629.08	50-60	1864.72	90-100	14.89	130-140	44.03	170-180	8.98
20-30	2466.98	60-70	1114.91	100-110	21.71	140-150	42.99	--	--
30-40	2810.53	70-80	491.30	110-120	31.06	150-160	36.31	--	--

Initial Lumen Output: 14277lm

Luminaire Type: Cut-off

UL Classification: Wet Location Listed

CCN Number: IFAM7.E359675

Efficacy: 113.81lm/W

BUG Rating: B3-U0-G1

Ambient Operating Temp: -40C to +40C

Limited Product Warranty: 5 Year(s)

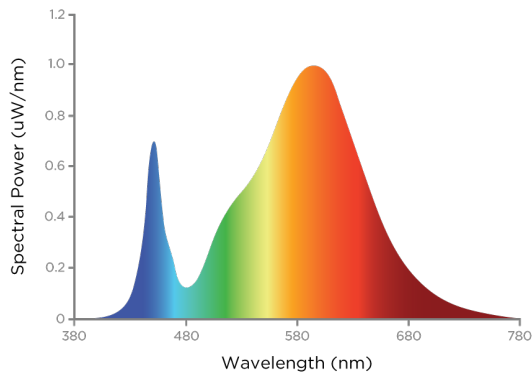
Max Candela: 5927cd

Environmental Rating(s): IP65

Certification Standards: UL Safety US-CA

LED SPECIFICATIONS

SPD



Source Type: LED

CRI: >80

Chromaticity: x=0.3792 y=0.3770

Manufacturer: Lumileds®

L70: 54000 Hrs

Duv: 0.0005

Part Number: LUXEON 2835

Colour Temperature: 3000K



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ELECTRICAL SPECIFICATIONS

Driver Manufacturer: TOWIN®

Input Frequency: 50-60Hz

Current Draw@ 277Vac: 0.4778

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: DF120W-40C3000B

Fixture Draw: 121.59W

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 Voltage: 120~277Vac

Current Draw@ 120Vac: 1.042

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.

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): WPA12030K-UNV-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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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