

Project:	
Location:	
Model#: WPX120SW-WRV-BZ	Type:
Client:	Qty:
Prepared by:	Date:

## SERIES SPECIFICATIONS

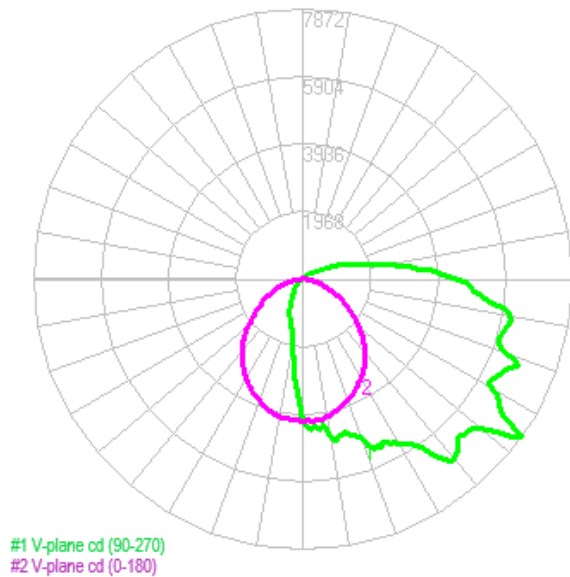


To supply TamLite WPX series of LED fixtures as specified. The luminaire shall operate at 120-347Vac. The housing shall be constructed of powder-coated ADC12 Aluminium with a hinged bolt-on case for replacement access and a tempered glass lens. A durable formed gasket shall be provided between the enclosure and the lens. The reflector shall be made of highly reflective material and contoured to maximize light output efficiency. All parts shall be corrosion resistant. LEDs shall be as specified, LUMILEDS@2835R Series LED Chips. The LEDs shall be supplied with the luminaire. CCT shall be switch selectable 3000K, 4000K, or 5000K. The luminaire shall be cULus listed and DLC Listed.

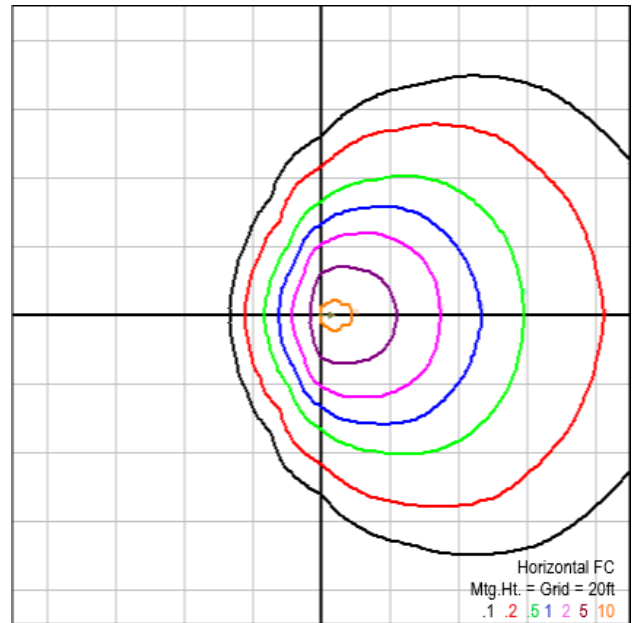


## PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



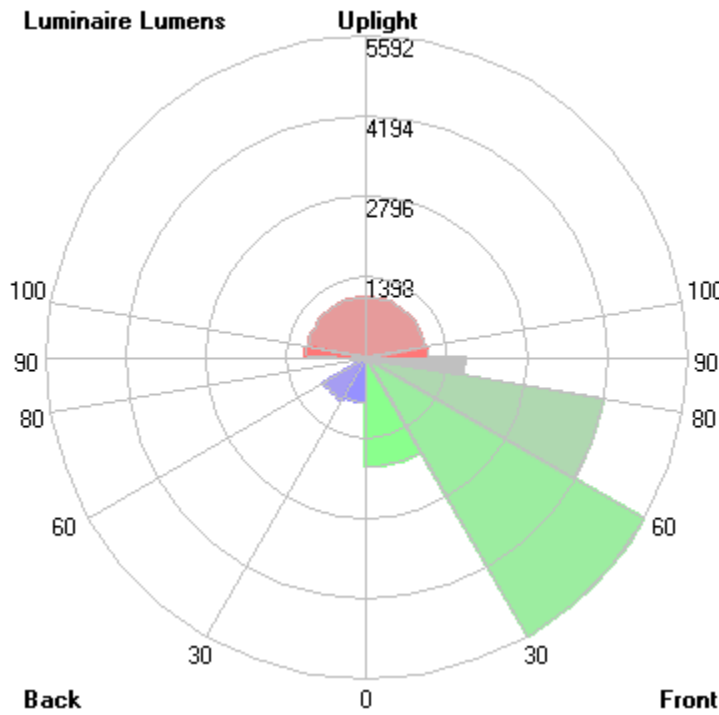
Isolux Diagram





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**BUG Graph**



**Lum. Classification System (LCS)**

LCS Zone	Lumens	%Lum
FL (0-30)	1904.1	10.9
FM (30-60)	5592.5	32.2
FH (60-80)	4190.6	24.1
FVH (80-90)	1719.9	9.9
BL (0-30)	785.9	4.5
BM (30-60)	850.0	4.9
BH (60-80)	212.1	1.2
BVH (80-90)	37.5	0.2
UL (90-100)	1063.0	6.1
UH (100-180)	1038.2	6.0
<b>Total</b>	<b>17393.8</b>	<b>100.0</b>
<b>BUG Rating</b>	<b>B2-U5-G5</b>	

**Initial Lumen Output:** 17809lm  
**Luminaire Type:** Wall Pack Non-Cut-off  
**Ambient Operating Temp:** -40C to +55C  
**Limited Product Warranty:** 5 Year(s)

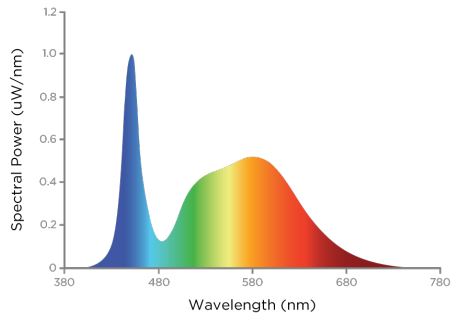
**Efficacy:** 144.35lm/W  
**Environmental Rating(s):** IP65  
**Certification Standards:** UL Safety US-CA  
 , DLC Premium

**Max Candela:** 7697.3cd  
**UL Classification:** Wet Location Listed  
**DLC Number:** PLGPI825R2UN

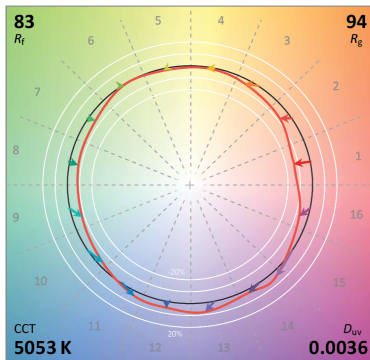
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## LED SPECIFICATIONS

### SPD



### TM-30



**Source Type:** LED  
**CRI:** > 80  
**L70:** >54000 Hrs.  
**Chromaticity:**  $x=0.344$   $y=0.3582$

**Manufacturer:** LUMILEDS®  
**Rf:** 83  
**L90:** >51,000 hrs.  
**Duv:** 0.0036

**Part Number:** L128 Series  
**Rg:** 94  
**Colour Temperature:** 5000K



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#### ELECTRICAL SPECIFICATIONS

**Driver Manufacturer:** Weled Power ®  
**Input Frequency:** 50-60Hz  
**Current Draw@347Vac:** 0.3808  
**Power Factor @120Vac:** >.98  
**THD @347Vac(%):** <15%  
**Surge Suppression:** L-N:4KV, L&N-PE:6KV  
**Short Circuit Protection:** Auto Recovery.  
The output shall return to normal when the fault condition is removed.

**Driver Part Number:** WP-CHA-1 20B  
**Fixture Draw:** 123.38W  
**Inrush Current:** <80A  
**Power Factor @347Vac:** >.90  
**Driver MTBF:** 200,000hrs  
**Dimming:** 0-10Vdc, (0% Min Light Level)  
**Driver Certifications:** UL8750/CAN/CSA C22.2 NO. 250.13, FCC Part 15 Class B, RoHS

**Input Voltage:** 120~347Vac  
**Current Draw@ 120Vac:** 1.0292  
**Max On-Delay:** < 0.5 S  
**THD @ 120Vac(%):** <10%  
**Max Operating Case Temperature:** 85C  
**Over Temperature Protection:** Auto Recovery, The fixture shall shut down and return to operation when the temperature returns to normal.

#### PHYSICAL SPECIFICATIONS

**Finish Colour:** Bronze (RAL-8019)  
**Mounting:** Wall Mount  
**Lens Type:** Clear - Prismatic

**Finish Type:** Textured powder coat over chromate conversion coat  
**Housing Material:** ADC12 Aluminium  
**Reflector Material:** Integral White

**Wiring:** Internal connections  
**Lens Material:** Glass  
**Entries:** (3) ½" inch threaded knockouts

#### SHIPPING INFORMATION

**OrderingCode(s):** WPX120SW-WRV-BZ  
**Box Weight:** 5.24 kg

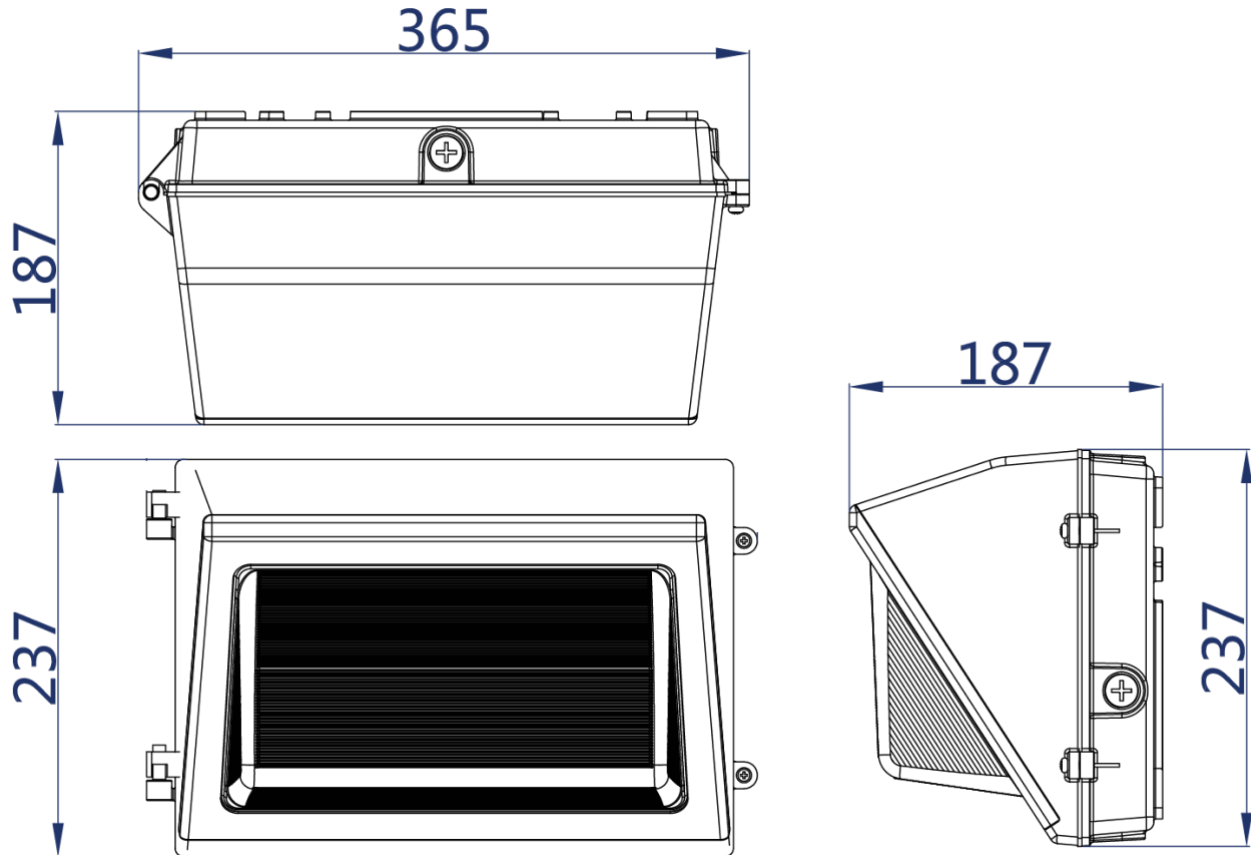
**Box Quantity:** 1

**Box Dimensions (L-W-H):** 397 x 297 x 250 mm

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LINE DRAWING

Line Drawings





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**SERIES ARCHITECTURE**

**Series Architecture**

WPX - - - -

Part	Wattage		CCT	Voltage		Finish		
WPX	40	40W	SW	Selectable White	WRV	120-347VAC	BZ	Bronze
	80	80W		3000K, 4000K, 5000K				
	120	120W						

Optional Extras: WPFLED-PC-120