

Project:	
Location:	
Model#: WPA120SW-WRV-BK	Type:
Client:	Qty:
Prepared by:	Date:

## SERIES SPECIFICATIONS

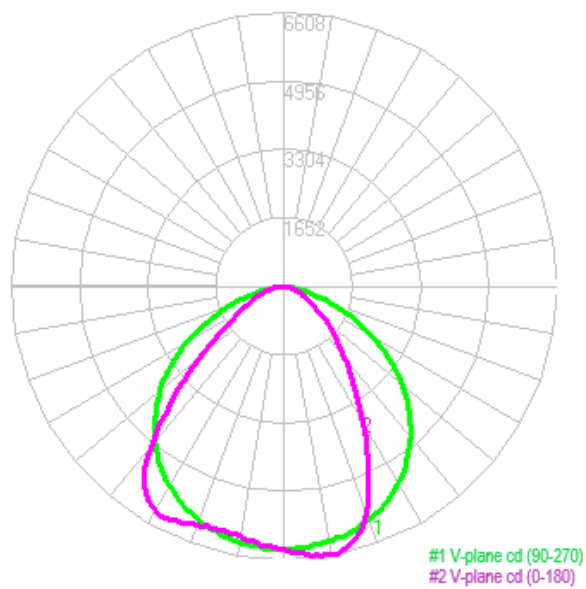


To supply Tamplate's WPA series of LED fixtures as specified. The luminaire shall operate at 120-347Vac, and use a constant current type driver. Driver shall be dimmable by 1-10Vdc control. The housing shall be constructed of powder-coated die-cast Aluminium with a hinged optical compartment, and an impact resistant polycarbonate lens. Optical assembly shall adjust in 15 degree increments to a maximum of 90 degrees. 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. All parts shall be corrosion resistant. LEDs shall be as specified, LUXEON® 3030-2D LED Chips. The LEDs shall be supplied with the luminaire. The luminaire shall be cULus and DLC Listed

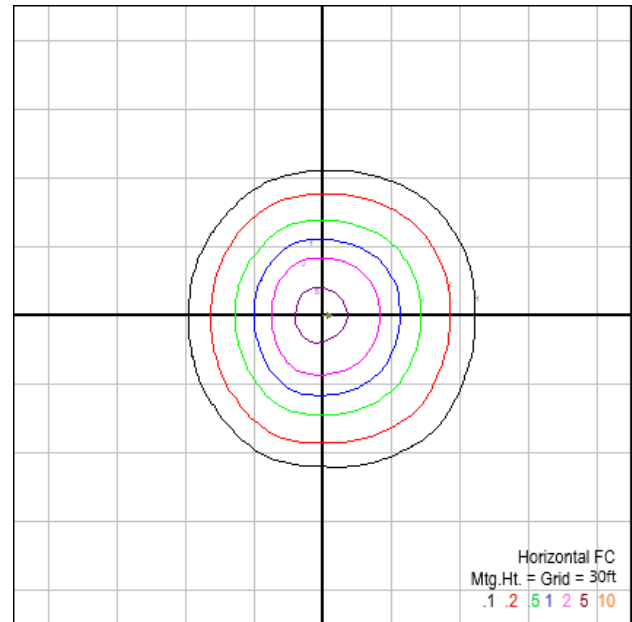


## PERFORMANCE SPECIFICATIONS

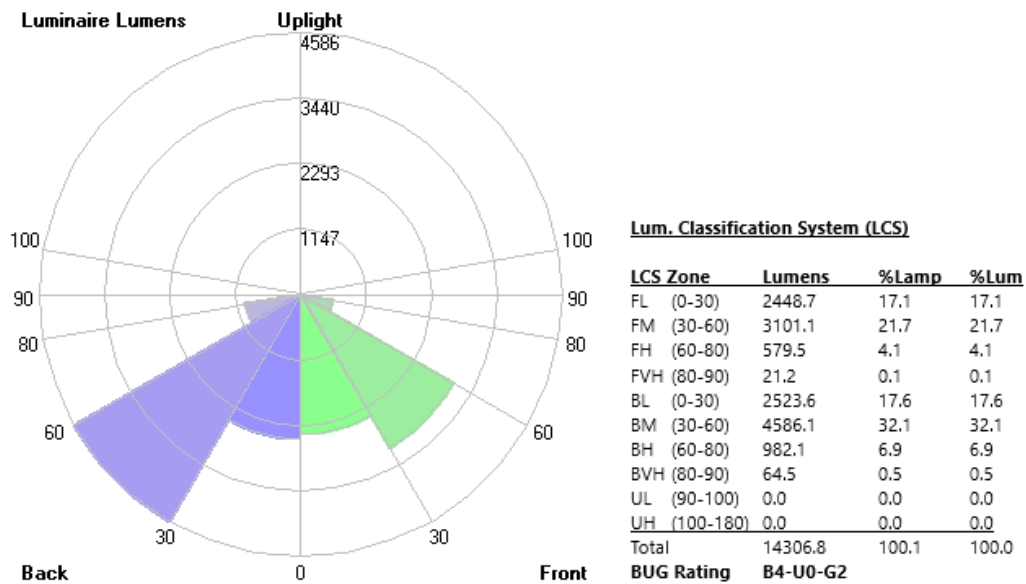
Luminance Distribution Chart



Isolux Diagram



BUG Graph



**Initial Lumen Output:** 14,307lm

**Luminaire Type:** Cut-off

**UL Classification:** Wet Location Listed

**DLC Number:** S-N8B1D5

**Efficacy:** 117lm/W

**BUG Rating:** B4-U0-G2

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

**CCN Number:** IFAM7.E359675

**Max Candela:** 6608cd (0H, 11,V)

**Environmental Rating(s):** IP65

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

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

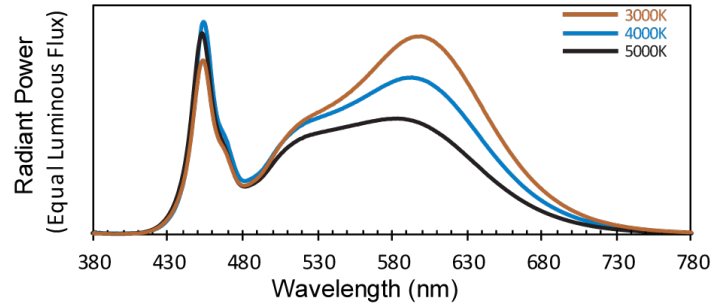
## LED SPECIFICATIONS

### R Tables

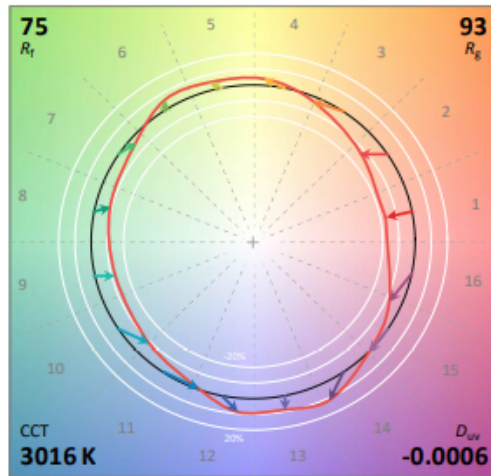
<b>R1</b>	58
<b>R2</b>	83
<b>R3</b>	94
<b>R4</b>	67
<b>R5</b>	67
<b>R6</b>	76
<b>R7</b>	76
<b>R8</b>	43

<b>R9</b>	-33
<b>R10</b>	60
<b>R11</b>	61
<b>R12</b>	47
<b>R13</b>	71
<b>R14</b>	97
<b>R15</b>	61
<b>Ra</b>	72

### SPD



### TM-30



**Source Type:** LED

**CRI:** >70

**L70:** >90,000 Hrs

**Manufacturer:** Lumileds®

**Rf:** 75

**Colour Temperature:** 3000K, 4000K or  
5000K Field Selectable

**Part Number:** LUXEON 3030-2D

**Rg:** 93

**Duv:** 0.0036

## ELECTRICAL SPECIFICATIONS

**Input Voltage:** 120~347Vac

**Current Draw@ 120Vac:** 1.028

**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 Frequency:** 50-60Hz

**Current Draw@ 277Vac:** 0.4716A

**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.

**Fixture Draw:** 121.59W (100W, 80W, 50W)

**Current Draw@347Vac:** 0.3504A

**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

## 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

**Wiring:** 3 x ½" Coin Plugs, one each side  
and bottom

**Lens Material:** PMMA

## SHIPPING INFORMATION

**OrderingCode(s):** WPA120SW-WRV-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 (L-W-H):** 345 x 330 x  
370 mm

## LINE DRAWING

### Line Drawings

