



Project: \_\_\_\_\_  
Type: \_\_\_\_\_

## ProPoint™ RGBW 120W Wall Washer

The ProPoint RGBW 120W Wall Washer is an AC line powered, high brightness luminaire. The luminaire is controllable via DMX512. The system is connected using a daisy chain topology, allowing easy installation to form long run lengths. Remote Device Management (RDM) circuits are built into each luminaire that enables extensive control and monitoring of the entire installation. This product is intended for use in high-quality colored light applications.



### Product Specifications

Light Source	4-in-1 LED cluster × 18
Color Range	RGBW (White CCT - 4000K)
Beam Angles	8°, 15°, 25°, 35°
Luminous Flux	4560
Efficacy	38 lm/W
Lumen Maintenance	L70 @ 25°C 81,000 hours
Cover-Lens	(8mm) .31" Glass
Housing	Die Cast Aluminum
Adjustment Options	50° Forward, 80° Backward
Size	315mm x 288mm x 433mm (12.4"x11.4"x17.1")
Weight	14 kgs (30.9 lbs.)
Regulatory/Product Certifications	ETL, FCC, RoHS, ASTM B117-16, ANSI 3G, IK09
Operating Temperature	-30°C to +50°C (-22°F to +122°F)
Minimum Starting Temperature	-20°C (-4°F)
Storage Temperature	-40°C to +80°C (-40°F to +158°F)
Environment	IP66 Outdoor, Coastal Rated
Humidity	85%, non-condensing

### Electrical Specifications

Input Voltage <sup>1</sup>	120-277V <sub>AC</sub> 50/60Hz
Power Consumption	120W
Power Factor	≥ 0.9

### System Specifications

Power	AC Line
Control	DMX 512, RDM Enabled
Power Supply	Integrated

1. Auto-switching. Single phase (line, neutral and ground).

LED CHARACTERISTICS: Because LEDs are semiconductor devices, their performances are subject to inherent variability commonly found in semiconductor industry. To improve consistency in performance across the same product, LED manufacturers "sort" LEDs into bins according to different preset parameters, such as forward driving voltage, illumination, etc. Whereas binning is a sorting function, it is not a correction process. Inherent variability in the manufacturing process always results in different binning distributions according to different production lots. Traxon uses automatically binned LEDs on its products, thereby minimizing output variations within the model range.

As with all electronic devices, LED output degrades over time – a term called lumen depreciation. This also explains why it is nearly impossible to expect photometric performances of two LED products with different service life spans to be the same. The rate of LED degrade is a complicated function involving many factors, such as operating efficiency, duration of continuous operation and, more significantly, environmental conditions (ambient temperature for example). If allowed, working under optimal operating temperature range and with good ventilation, LED devices enjoy long service lives over conventional light sources. When using/installing LED devices, care should be taken to ensure that the devices will operate within the operating conditions specified in respective product literature.

This product contains a light source of energy efficiency class G to Regulation (EU) No 2019/2015. Lumen measurement complies with LM-79-08 standard. Lumen maintenance is calculated based on LM-80 compliant measurement.

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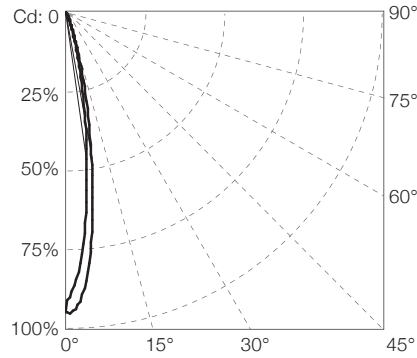
# ProPoint™ RGBW 120W Wall Washer

## Photometrics

### Source Specifications

LED Source	4-in-1 LED cluster × 18
Beam Angle	15°

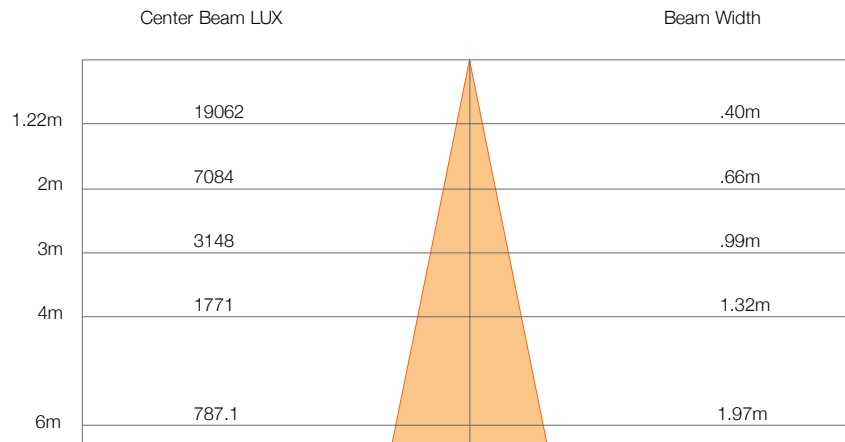
### Candela Distribution



### Light Output

Color	Luminous Flux (lm)	Candela Distribution @100%	Efficacy lm/W
White (full on)	4560	28348	38.23
White (RGB off)	2723	16919	40.36
RGB	2163	13091	37.17
Red	582.5	3385	41.58
Green	1571	9577	50.93
Blue	123.4	754.2	8.24

### Illuminance at a Distance



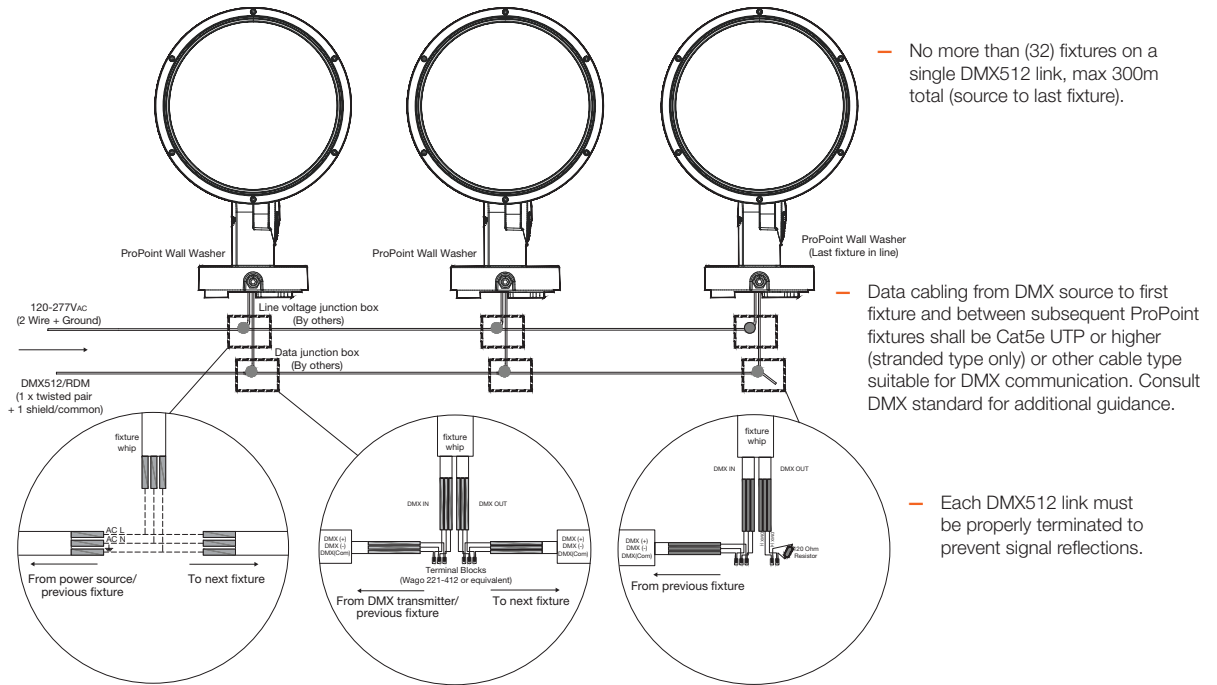
● Vert.Spread: 18.68°

● Horiz.Spread: 18.68°

For feet multiply by 3.28

For fc divide by 10.7

- ProPoint fixtures ship with two cable whips: One cable whip for power input consisting of two wires plus a ground and one cable whip for DMX512 RDM input/output.



### General Notes

- All data cabling must adhere to ANSI E1.11-2008 (R2013) – Entertainment Technology – USITT DMX512-A, Asynchronous Serial Digital Data Transmission Standard for Controlling Lighting Equipment and Accessories.
- Fixture is RDM capable.
- Fixtures allow a universal input of 120VAC to 277VAC.
- Data termination shall utilize cage clamp terminal blocks, or equivalent. Wire nuts are not permissible and will void warranty.
- The method of line voltage termination, both for data and power, is at the discretion of the installing contractor, and or engineer. Splicing and/or joining of cables must adhere to all applicable electrical codes.
- Cables must be spliced/joined in a weatherproof enclosure/junction box, which is to be properly rated and provided by others.

# ProPoint™ RGBW 120W Wall Washer

Ordering

## Model Number

PP	.	W2	.	9	.	4	.	4	.	1	.	X	.	X
ProPoint		Washer		Control		Channels		CCT		Cover Lens		Optic		Finish
				9: DMX		4: RGBW		4: 4000K		Clear		1: 8°		1: Gray
												2: 15°		2: Black
												3: 25°		3: White
												4: 35°		

## Fixtures

Model No.	Description	Item Code
PP.W2.944211	PROPOINT-J WW 120W RGBW 8 VS1 TX	AM360230055
PP.W2.944221	PROPOINT-J WW 120W RGBW 15 VS1 TX	AM360240055
PP.W2.944231	PROPOINT-J WW 120W RGBW 25 VS1 TX	AM360250055
PP.W2.944241	PROPOINT-J WW 120W RGBW 35 VS1 TX	AM360260055
PP.W2.944311	PROPOINT-P1 WW 120W RGBW 8 VS1 TX	AM362250055
PP.W2.944321	PROPOINT-P1 WW 120W RGBW 15 VS1 TX	AM362260055
PP.W2.944331	PROPOINT-P1 WW 120W RGBW 25 VS1 TX	AM362270055
PP.W2.944341	PROPOINT-P1 WW 120W RGBW 35 VS1 TX	AM362280055
PP.W2.944411	PROPOINT-P2 WW 120W RGBW 8 VS1 TX	AM363620055
PP.W2.944421	PROPOINT-P2 WW 120W RGBW 15 VS1 TX	AM363630055
PP.W2.944431	PROPOINT-P2 WW 120W RGBW 25 VS1 TX	AM363640055
PP.W2.944441	PROPOINT-P2 WW 120W RGBW 35 VS1 TX	AM363650055
PP.W2.944312	PROPOINT-P1 WW BL 120W RGBW 8 VS1 TX	AM363420055
PP.W2.944322	PROPOINT-P1 WW BL 120W RGBW 15 VS1 TX	AM363430055
PP.W2.944332	PROPOINT-P1 WW BL 120W RGBW 25 VS1 TX	AM363440055
PP.W2.944342	PROPOINT-P1 WW BL 120W RGBW 35 VS1 TX	AM363450055
PP.W2.944212	PROPOINT-J WW BL 120W RGBW 8 VS1 TX	AM364570055
PP.W2.944222	PROPOINT-J WW BL 120W RGBW 15 VS1 TX	AM364590055
PP.W2.944232	PROPOINT-J WW BL 120W RGBW 25 VS1 TX	AM364610055
PP.W2.944242	PROPOINT-J WW BL 120W RGBW 35 VS1 TX	AM364630055
PP.W2.944412	PROPOINT-P2 WW BL 120W RGBW 8 VS1 TX	AM366140055
PP.W2.944422	PROPOINT-P2 WW BL 120W RGBW 15 VS1 TX	AM366160055
PP.W2.944432	PROPOINT-P2 WW BL 120W RGBW 25 VS1 TX	AM366180055
PP.W2.944442	PROPOINT-P2 WW BL 120W RGBW 35 VS1 TX	AM366200055
PP.W2.944112	PROPOINT-S WW BL 120W RGBW 8 VS1 TX	AM367440055
PP.W2.944122	PROPOINT-S WW BL 120W RGBW 15 VS1 TX	AM367450055
PP.W2.944132	PROPOINT-S WW BL 120W RGBW 25 VS1 TX	AM367460055
PP.W2.944142	PROPOINT-S WW BL 120W RGBW 35 VS1 TX	AM367470055
PP.W2.944111	PROPOINT-S WALL WASHER 120W RGBW 8	AM280930055
PP.W2.944121	PROPOINT-S WALL WASHER 120W RGBW 15	AM280940055
PP.W2.944131	PROPOINT-S WALL WASHER 120W RGBW 25	AM280950055
PP.W2.944141	PROPOINT-S WALL WASHER 120W RGBW 35	AM280960055

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Ordering

### Fixtures

Model No.	Description	Item Code
PP.W2.944113	PROPOINT-S WW WT 120W RGBW 8 VS1 TX	AM359240055
PP.W2.944123	PROPOINT-S WW WT 120W RGBW 15 VS1 TX	AM359250055
PP.W2.944133	PROPOINT-S WW WT 120W RGBW 25 VS1 TX	AM359260055
PP.W2.944143	PROPOINT-S WW WT 120W RGBW 35 VS1 TX	AM359270055
PP.W2.944313	PROPOINT-P1 WW WT 120W RGBW 8 VS1 TX	AM363000055
PP.W2.944323	PROPOINT-P1 WW WT 120W RGBW 15 VS1 TX	AM363020055
PP.W2.944333	PROPOINT-P1 WW WT 120W RGBW 25 VS1 TX	AM363040055
PP.W2.944343	PROPOINT-P1 WW WT 120W RGBW 35 VS1 TX	AM363060055
PP.W2.944413	PROPOINT-P2 WW WT 120W RGBW 8 VS1 TX	AM363820055
PP.W2.944423	PROPOINT-P2 WW WT 120W RGBW 15 VS1 TX	AM363830055
PP.W2.944433	PROPOINT-P2 WW WT 120W RGBW 25 VS1 TX	AM363840055
PP.W2.944443	PROPOINT-P2 WW WT 120W RGBW 35 VS1 TX	AM363850055

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Product Specification

V1.2 09/21

**OSRAM**

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