



Project: _____
Type: _____

ProPoint™ RGBW 180W Wall Washer

The ProPoint RGBW 180W 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 x 27
Color Range	RGBW (White CCT - 4000K)
Beam Angles	8°, 15°, 25°, 35°
Luminous Flux	7100
Efficacy	40 lm/W
Lumen Maintenance	L ₇₀ @ 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	14.2 kgs (31.3 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 ¹	120-277V _{AC} 50/60Hz
Power Consumption	180W
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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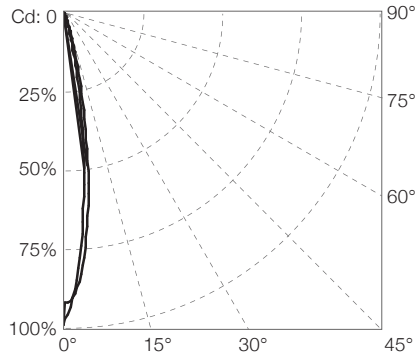
ProPoint™ RGBW 180W Wall Washer

Photometrics

Source Specifications

LED Source	4-in-1 LED cluster × 27
Beam Angle	15°

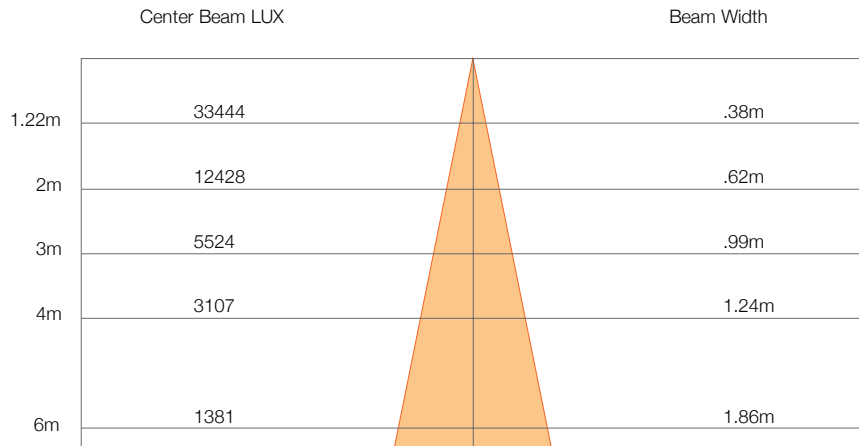
Candela Distribution



Light Output

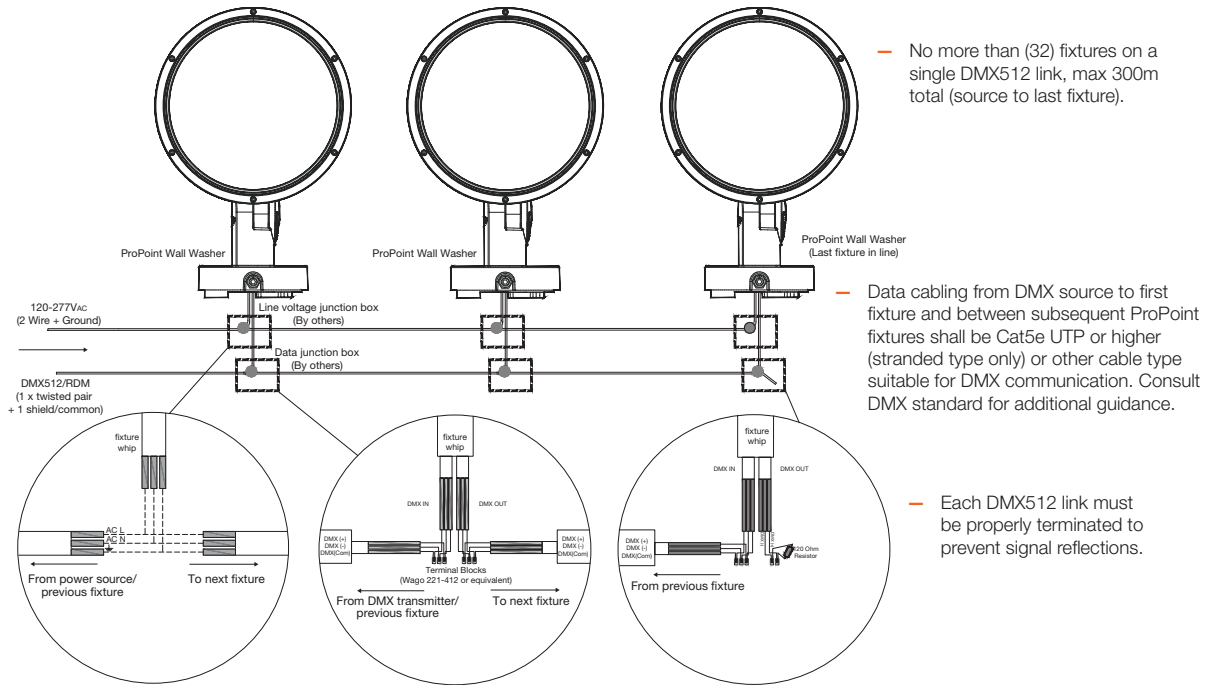
Color	Luminous Flux (lm)	Candela Distribution @100%	Efficacy lm/W
White (full on)	7100	49737	39.52
White (RGB off)	4007	27151	41.57
RGB	3320	22940	37.11
Red	872.5	5751	40.92
Green	2324	16222	44.09
Blue	184.1	1238	8.43

Illuminance at a Distance



- Vert.Spread: 17.6°
 - Horiz.Spread: 17.6°
- 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 180W Wall Washer

Ordering

Model Number

PP	.	W1	.	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.W1.944211	PROPOINT-J WW 180W RGBW 8 VS1 TX	AM360190055
PP.W1.944221	PROPOINT-J WW 180W RGBW 15 VS1 TX	AM360200055
PP.W1.944231	PROPOINT-J WW 180W RGBW 25 VS1 TX	AM360210055
PP.W1.944241	PROPOINT-J WW 180W RGBW 35 VS1 TX	AM360220055
PP.W1.944311	PROPOINT-P1 WW 180W RGBW 8 VS1 TX	AM362200055
PP.W1.944321	PROPOINT-P1 WW 180W RGBW 15 VS1 TX	AM362210055
PP.W1.944331	PROPOINT-P1 WW 180W RGBW 25 VS1 TX	AM362220055
PP.W1.944341	PROPOINT-P1 WW 180W RGBW 35 VS1 TX	AM362240055
PP.W1.944411	PROPOINT-P2 WW 180W RGBW 8 VS1 TX	AM363580055
PP.W1.944421	PROPOINT-P2 WW 180W RGBW 15 VS1 TX	AM363590055
PP.W1.944431	PROPOINT-P2 WW 180W RGBW 25 VS1 TX	AM363600055
PP.W1.944441	PROPOINT-P2 WW 180W RGBW 35 VS1 TX	AM363610055
PP.W1.944312	PROPOINT-P1 WW BL 180W RGBW 8 VS1 TX	AM363380055
PP.W1.944322	PROPOINT-P1 WW BL 180W RGBW 15 VS1 TX	AM363390055
PP.W1.944332	PROPOINT-P1 WW BL 180W RGBW 25 VS1 TX	AM363400055
PP.W1.944342	PROPOINT-P1 WW BL 180W RGBW 35 VS1 TX	AM363410055
PP.W1.944212	PROPOINT-J WW BL 180W RGBW 8 VS1 TX	AM364480055
PP.W1.944222	PROPOINT-J WW BL 180W RGBW 15 VS1 TX	AM364510055
PP.W1.944232	PROPOINT-J WW BL 180W RGBW 25 VS1 TX	AM364530055
PP.W1.944242	PROPOINT-J WW BL 180W RGBW 35 VS1 TX	AM364550055
PP.W1.944412	PROPOINT-P2 WW BL 180W RGBW 8 VS1 TX	AM366060055
PP.W1.944422	PROPOINT-P2 WW BL 180W RGBW 15 VS1 TX	AM366080055
PP.W1.944432	PROPOINT-P2 WW BL 180W RGBW 25 VS1 TX	AM366100055
PP.W1.944442	PROPOINT-P2 WW BL 180W RGBW 35 VS1 TX	AM366120055
PP.W1.944112	PROPOINT-S WW BL 180W RGBW 8 VS1 TX	AM367400055
PP.W1.944122	PROPOINT-S WW BL 180W RGBW 15 VS1 TX	AM367410055
PP.W1.944132	PROPOINT-S WW BL 180W RGBW 25 VS1 TX	AM367420055
PP.W1.944142	PROPOINT-S WW BL 180W RGBW 35 VS1 TX	AM367430055
PP.W1.944111	PROPOINT-S WALL WASHER 180W RGBW 8	AM280890055
PP.W1.944121	PROPOINT-S WALL WASHER 180W RGBW 15	AM280900055
PP.W1.944131	PROPOINT-S WALL WASHER 180W RGBW 25	AM280910055
PP.W1.944141	PROPOINT-S WALL WASHER 180W RGBW 35	AM280920055

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Ordering

Fixtures

Model No.	Description	Item Code
PP.W1.944113	PROPOINT-S WW WT 180W RGBW 8 VS1 TX	AM359190055
PP.W1.944123	PROPOINT-S WW WT 180W RGBW 15 VS1 TX	AM359210055
PP.W1.944133	PROPOINT-S WW WT 180W RGBW 25 VS1 TX	AM359220055
PP.W1.944143	PROPOINT-S WW WT 180W RGBW 35 VS1 TX	AM359230055
PP.W1.944313	PROPOINT-P1 WW WT 180W RGBW 8 VS1 TX	AM362890055
PP.W1.944323	PROPOINT-P1 WW WT 180W RGBW 15 VS1 TX	AM362940055
PP.W1.944333	PROPOINT-P1 WW WT 180W RGBW 25 VS1 TX	AM362960055
PP.W1.944343	PROPOINT-P1 WW WT 180W RGBW 35 VS1 TX	AM362980055
PP.W1.944413	PROPOINT-P2 WW WT 180W RGBW 8 VS1 TX	AM363780055
PP.W1.944423	PROPOINT-P2 WW WT 180W RGBW 15 VS1 TX	AM363790055
PP.W1.944433	PROPOINT-P2 WW WT 180W RGBW 25 VS1 TX	AM363800055
PP.W1.944443	PROPOINT-P2 WW WT 180W RGBW 35 VS1 TX	AM363810055

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