



Project: _____
Type: _____

ProPoint™ RGBW 20W Wall Washer 2.0

The ProPoint RGBW 20W Wall Washer 2.0 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 3
Color Range	RGBW (White CCT - 4000K)
Beam Angles	8°, 15°, 25°, 35°
Luminous Flux	883 lm @8°
Efficacy	44 lm/W @8°
Lumen Maintenance	L ₇₀ @ 25°C 81,000 hours
Cover-Lens	(10mm) .39" Glass
Housing	Die Cast Aluminum
Adjustment Options	50° Forward, 80° Backward
Size	161mm x 130mm x 197mm (6.4"x5.2"x7.8")
Weight	2 kgs (4.4 lbs.)
Regulatory/Product Certifications	ETL, FCC, RoHS, ASTM B117-16, ANSI 3G, IK10
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	20W
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.

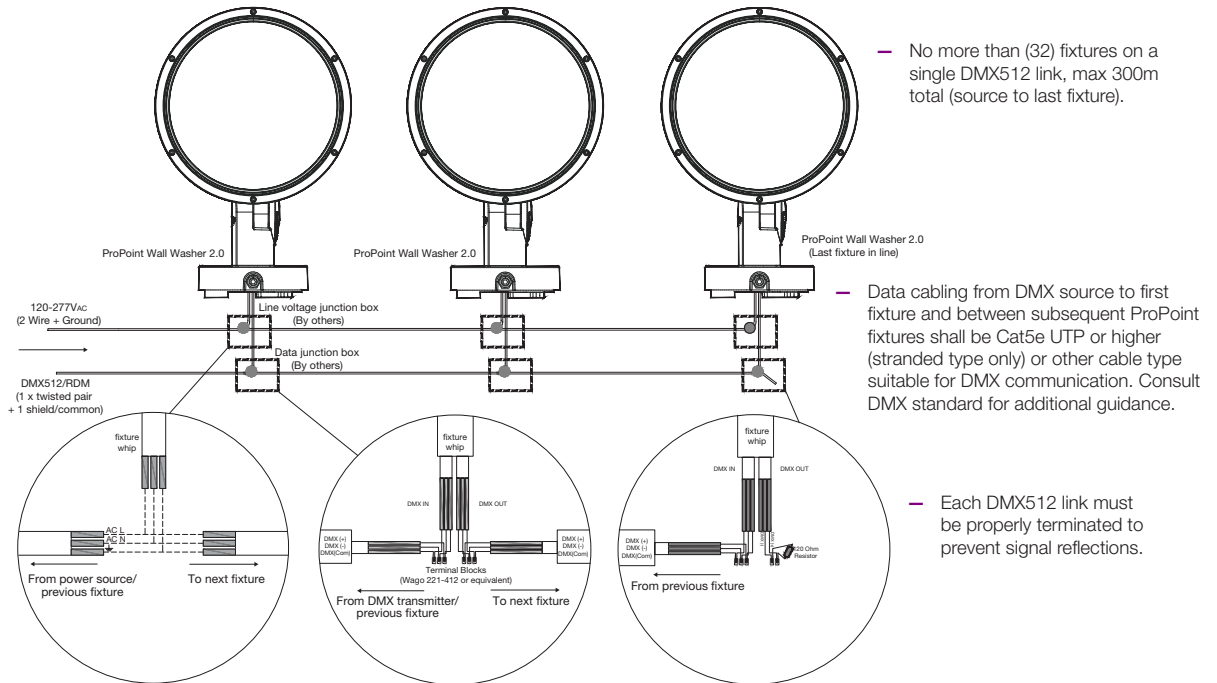


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System Diagram

- 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 120V_{ac} to 277V_{ac}.
- 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.



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Ordering

Model Number

PP	.	W5	.	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.W5.944211	PROPOINT-J WW 20W RGBW 8 4X1 TX	AM360380055
PP.W5.944221	PROPOINT-J WW 20W RGBW 15 4X1 TX	AM360400055
PP.W5.944231	PROPOINT-J WW 20W RGBW 25 4X1 TX	AM360420055
PP.W5.944241	PROPOINT-J WW 20W RGBW 35 4X1 TX	AM360430055
PP.W5.944311	PROPOINT-P1 WW 20W RGBW 8 4X1 TX	AM362390055
PP.W5.944321	PROPOINT-P1 WW 20W RGBW 15 4X1 TX	AM362410055
PP.W5.944331	PROPOINT-P1 WW 20W RGBW 25 4X1 TX	AM362430055
PP.W5.944341	PROPOINT-P1 WW 20W RGBW 35 4X1 TX	AM362450055
PP.W5.944411	PROPOINT-P2 WW 20W RGBW 8 4X1 TX	AM363740055
PP.W5.944421	PROPOINT-P2 WW 20W RGBW 15 4X1 TX	AM363750055
PP.W5.944431	PROPOINT-P2 WW 20W RGBW 25 4X1 TX	AM363760055
PP.W5.944441	PROPOINT-P2 WW 20W RGBW 35 4X1 TX	AM363770055
PP.W5.944312	PROPOINT-P1 WW BL 20W RGBW 8 4X1 TX	AM363540055
PP.W5.944322	PROPOINT-P1 WW BL 20W RGBW 15 4X1 TX	AM363550055
PP.W5.944332	PROPOINT-P1 WW BL 20W RGBW 25 4X1 TX	AM363560055
PP.W5.944342	PROPOINT-P1 WW BL 20W RGBW 35 4X1 TX	AM363570055
PP.W5.944212	PROPOINT-J WW BL 20W RGBW 8 4X1 TX	AM364770055
PP.W5.944222	PROPOINT-J WW BL 20W RGBW 15 4X1 TX	AM364780055
PP.W5.944232	PROPOINT-J WW BL 20W RGBW 25 4X1 TX	AM364790055
PP.W5.944242	PROPOINT-J WW BL 20W RGBW 35 4X1 TX	AM364800055
PP.W5.944412	PROPOINT-P2 WW BL 20W RGBW 8 4X1 TX	AM366370055
PP.W5.944422	PROPOINT-P2 WW BL 20W RGBW 15 4X1 TX	AM366380055
PP.W5.944432	PROPOINT-P2 WW BL 20W RGBW 25 4X1 TX	AM366390055
PP.W5.944442	PROPOINT-P2 WW BL 20W RGBW 35 4X1 TX	AM366400055
PP.W5.944112	PROPOINT-S WW BL 20W RGBW 8 4X1 TX	AM367570055
PP.W5.944122	PROPOINT-S WW BL 20W RGBW 15 4X1 TX	AM367580055
PP.W5.944132	PROPOINT-S WW BL 20W RGBW 25 4X1 TX	AM367590055
PP.W5.944142	PROPOINT-S WW BL 20W RGBW 35 4X1 TX	AM367600055
PP.W5.944111	PROPOINT-S WALL WASHER 20W RGBW 8	AM281050055
PP.W5.944121	PROPOINT-S WALL WASHER 20W RGBW 15	AM281060055
PP.W5.944131	PROPOINT-S WALL WASHER 20W RGBW 25	AM281070055
PP.W5.944141	PROPOINT-S WALL WASHER 20W RGBW 35	AM281090055



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PP.W5.944113	PROPOINT-S WW WT 20W RGBW 8 4X1 TX	AM359360055
PP.W5.944123	PROPOINT-S WW WT 20W RGBW 15 4X1 TX	AM359370055
PP.W5.944133	PROPOINT-S WW WT 20W RGBW 25 4X1 TX	AM359380055
PP.W5.944143	PROPOINT-S WW WT 20W RGBW 35 4X1 TX	AM359390055
PP.W5.944313	PROPOINT-P1 WW WT 20W RGBW 8 4X1 TX	AM363190055
PP.W5.944323	PROPOINT-P1 WW WT 20W RGBW 15 4X1 TX	AM363200055
PP.W5.944333	PROPOINT-P1 WW WT 20W RGBW 25 4X1 TX	AM363210055
PP.W5.944343	PROPOINT-P1 WW WT 20W RGBW 35 4X1 TX	AM363220055
PP.W5.944413	PROPOINT-P2 WW WT 20W RGBW 8 4X1 TX	AM363940055
PP.W5.944423	PROPOINT-P2 WW WT 20W RGBW 15 4X1 TX	AM363950055
PP.W5.944433	PROPOINT-P2 WW WT 20W RGBW 25 4X1 TX	AM363960055
PP.W5.944443	PROPOINT-P2 WW WT 20W RGBW 35 4X1 TX	AM363970055