



Project: _____
 Type: _____

ProPoint™ RGBW 80W Wall Washer 2.0

The ProPoint RGBW 80W 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 × 12
Color Range	RGBW (White CCT - 4000K)
Beam Angles	8°, 15°, 25°, 35°
Luminous Flux	4518 lm @8°
Efficacy	57 lm/W @8°
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	257mm x 220mm x 330m (10.2"x8.7"x13")
Weight	7.6 kgs (16.8 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	80W
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.

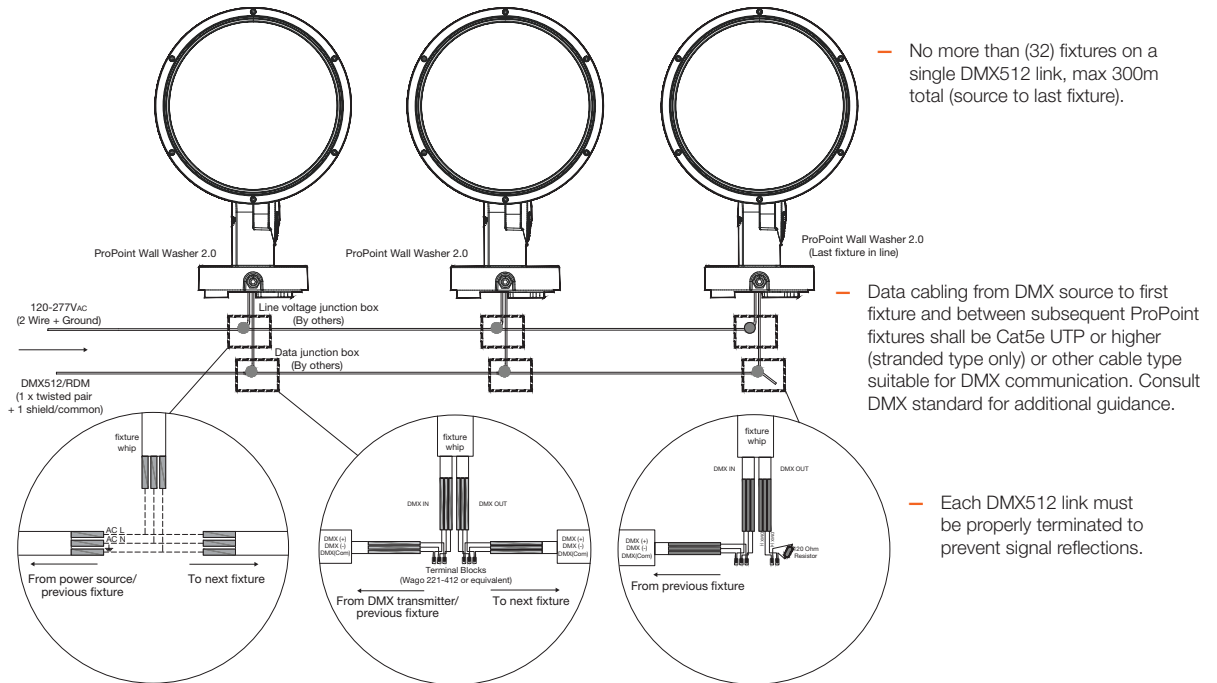
This product contains a light source of energy efficiency class G to Regulation (EU) No 2019/2015. Lumen measurement complies with LM-79-08 standard. Lumen maintenance is calculated based on LM-80 compliant measurement.

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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.



- No more than (32) fixtures on a single DMX512 link, max 300m total (source to last fixture).

- Data cabling from DMX source to first fixture and between subsequent ProPoint fixtures shall be Cat5e UTP or higher (stranded type only) or other cable type suitable for DMX communication. Consult DMX standard for additional guidance.

- Each DMX512 link must be properly terminated to prevent signal reflections.

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 80W Wall Washer 2.0

Ordering

Model Number

PP	.	W3	.	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.W3.944211	PROPOINT-J WW 80W RGBW 8 VS1 TX	AM360270055
PP.W3.944221	PROPOINT-J WW 80W RGBW 15 VS1 TX	AM360280055
PP.W3.944231	PROPOINT-J WW 80W RGBW 25 VS1 TX	AM360290055
PP.W3.944241	PROPOINT-J WW 80W RGBW 35 VS1 TX	AM360300055
PP.W3.944311	PROPOINT-P1 WW 80W RGBW 8 VS1 TX	AM362290055
PP.W3.944321	PROPOINT-P1 WW 80W RGBW 15 VS1 TX	AM362300055
PP.W3.944331	PROPOINT-P1 WW 80W RGBW 25 VS1 TX	AM362310055
PP.W3.944341	PROPOINT-P1 WW 80W RGBW 35 VS1 TX	AM362320055
PP.W3.944411	PROPOINT-P2 WW 80W RGBW 8 VS1 TX	AM363660055
PP.W3.944421	PROPOINT-P2 WW 80W RGBW 15 VS1 TX	AM363670055
PP.W3.944431	PROPOINT-P2 WW 80W RGBW 25 VS1 TX	AM363680055
PP.W3.944441	PROPOINT-P2 WW 80W RGBW 35 VS1 TX	AM363690055
PP.W3.944312	PROPOINT-P1 WW BL 80W RGBW 8 VS1 TX	AM363460055
PP.W3.944322	PROPOINT-P1 WW BL 80W RGBW 15 VS1 TX	AM363470055
PP.W3.944332	PROPOINT-P1 WW BL 80W RGBW 25 VS1 TX	AM363480055
PP.W3.944342	PROPOINT-P1 WW BL 80W RGBW 35 VS1 TX	AM363490055
PP.W3.944212	PROPOINT-J WW BL 80W RGBW 8 VS1 TX	AM364650055
PP.W3.944222	PROPOINT-J WW BL 80W RGBW 15 VS1 TX	AM364670055
PP.W3.944232	PROPOINT-J WW BL 80W RGBW 25 VS1 TX	AM364690055
PP.W3.944242	PROPOINT-J WW BL 80W RGBW 35 VS1 TX	AM364710055
PP.W3.944412	PROPOINT-P2 WW BL 80W RGBW 8 VS1 TX	AM366220055
PP.W3.944422	PROPOINT-P2 WW BL 80W RGBW 15 VS1 TX	AM366240055
PP.W3.944432	PROPOINT-P2 WW BL 80W RGBW 25 VS1 TX	AM366260055
PP.W3.944442	PROPOINT-P2 WW BL 80W RGBW 35 VS1 TX	AM366280055
PP.W3.944112	PROPOINT-S WW BL 80W RGBW 8 VS1 TX	AM367480055
PP.W3.944122	PROPOINT-S WW BL 80W RGBW 15 VS1 TX	AM367500055
PP.W3.944132	PROPOINT-S WW BL 80W RGBW 25 VS1 TX	AM367510055
PP.W3.944142	PROPOINT-S WW BL 80W RGBW 35 VS1 TX	AM367520055
PP.W3.944111	PROPOINT-S WALL WASHER 80W RGBW 8	AM280970055
PP.W3.944121	PROPOINT-S WALL WASHER 80W RGBW 15	AM280980055
PP.W3.944131	PROPOINT-S WALL WASHER 80W RGBW 25	AM280990055
PP.W3.944141	PROPOINT-S WALL WASHER 80W RGBW 35	AM281000055

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Fixtures

Model No.	Description	Item Code
PP.W3.944113	PROPOINT-S WW WT 80W RGBW 8 VS1 TX	AM359280055
PP.W3.944123	PROPOINT-S WW WT 80W RGBW 15 VS1 TX	AM359290055
PP.W3.944133	PROPOINT-S WW WT 80W RGBW 25 VS1 TX	AM359300055
PP.W3.944143	PROPOINT-S WW WT 80W RGBW 35 VS1 TX	AM359310055
PP.W3.944313	PROPOINT-P1 WW WT 80W RGBW 8 VS1 TX	AM363110055
PP.W3.944323	PROPOINT-P1 WW WT 80W RGBW 15 VS1 TX	AM363120055
PP.W3.944333	PROPOINT-P1 WW WT 80W RGBW 25 VS1 TX	AM363130055
PP.W3.944343	PROPOINT-P1 WW WT 80W RGBW 35 VS1 TX	AM363140055
PP.W3.944413	PROPOINT-P2 WW WT 80W RGBW 8 VS1 TX	AM363860055
PP.W3.944423	PROPOINT-P2 WW WT 80W RGBW 15 VS1 TX	AM363870055
PP.W3.944433	PROPOINT-P2 WW WT 80W RGBW 25 VS1 TX	AM363880055
PP.W3.944443	PROPOINT-P2 WW WT 80W RGBW 35 VS1 TX	AM363890055