TRAXON

Project: _____

Type: _____

ProPoint™ RGBW 40W Wall Washer 2.0

The ProPoint RGBW 40W 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 × 6
Color Range	RGBW (White CCT - 4000K)
Beam Angles	8°, 15°, 25°, 35°
Luminous Flux	2189 lm @8°
Efficacy	55 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	222mm x 165mm x 254mm (8.8"x6.5"x10")
Weight	3.8 kgs (8.4 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]	120-277Vac 50/60Hz
Power Consumption	40W
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 compiles with LM-79-08 standard.
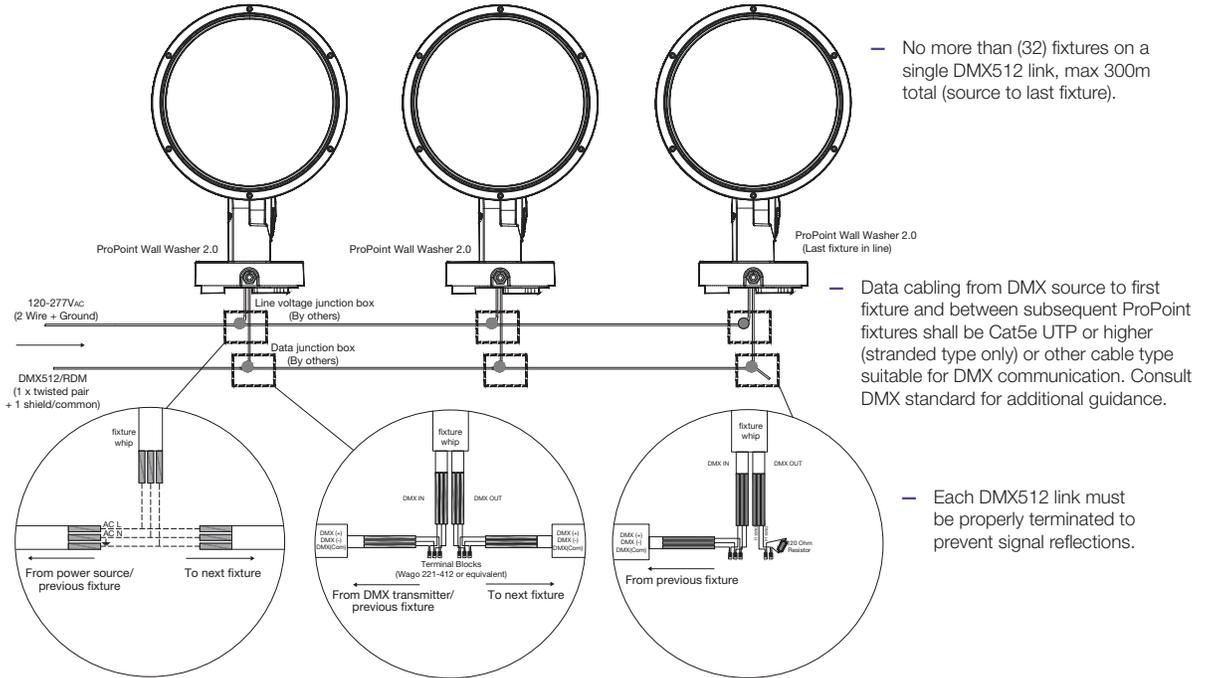Lumen maintenance is calculated based on LM-80 compliant measurement.

www.traxon-ecue.com

ProPoint™ RGBW 40W Wall Washer 2.0   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.

ProPoint Wall Washer 2.0

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ProPoint Wall Washer 2.0
(Last fixture in line)

120-277Vᴀᴄ
(2 Wire + Ground)

Line voltage junction box
(By others)

Data junction box
(By others)

DMX512/RDM
(1 x twisted pair
+ 1 shield/common)

fixture whip

AC L
AC N

From power source/
previous fixture

To next fixture

fixture whip

DMX IN   DMX OUT

DMX (+)   DMX (+)
DMX (-)   DMX (-)
DMX(Com)   DMX(Com)

Terminal Blocks
(Wago 221-412 or equivalent)

From DMX transmitter/
previous fixture

To next fixture

fixture whip

DMX IN   DMX OUT

DMX (+)
DMX (-)
DMX(Com)

120 Ohm
Resistor

From previous fixture

— 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 120Vᴀᴄ to 277Vᴀᴄ.

— 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.

Model Number

PP	.	W4	.	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.W4.944211	PROPOINT-J WW 40W RGBW 8 4X1 TX	AM360320055
PP.W4.944221	PROPOINT-J WW 40W RGBW 15 4X1 TX	AM360330055
PP.W4.944231	PROPOINT-J WW 40W RGBW 25 4X1 TX	AM360340055
PP.W4.944241	PROPOINT-J WW 40W RGBW 35 4X1 TX	AM360360055
PP.W4.944311	PROPOINT-P1 WW 40W RGBW 8 4X1 TX	AM362330055
PP.W4.944321	PROPOINT-P1 WW 40W RGBW 15 4X1 TX	AM362340055
PP.W4.944331	PROPOINT-P1 WW 40W RGBW 25 4X1 TX	AM362350055
PP.W4.944341	PROPOINT-P1 WW 40W RGBW 35 4X1 TX	AM362370055
PP.W4.944411	PROPOINT-P2 WW 40W RGBW 8 4X1 TX	AM363700055
PP.W4.944421	PROPOINT-P2 WW 40W RGBW 15 4X1 TX	AM363710055
PP.W4.944431	PROPOINT-P2 WW 40W RGBW 25 4X1 TX	AM363720055
PP.W4.944441	PROPOINT-P2 WW 40W RGBW 35 4X1 TX	AM363730055
PP.W4.944312	PROPOINT-P1 WW BL 40W RGBW 8 4X1 TX	AM363500055
PP.W4.944322	PROPOINT-P1 WW BL 40W RGBW 15 4X1 TX	AM363510055
PP.W4.944332	PROPOINT-P1 WW BL 40W RGBW 25 4X1 TX	AM363520055
PP.W4.944342	PROPOINT-P1 WW BL 40W RGBW 35 4X1 TX	AM363530055
PP.W4.944212	PROPOINT-J WW BL 40W RGBW 8 4X1 TX	AM364730055
PP.W4.944222	PROPOINT-J WW BL 40W RGBW 15 4X1 TX	AM364740055
PP.W4.944232	PROPOINT-J WW BL 40W RGBW 25 4X1 TX	AM364750055
PP.W4.944242	PROPOINT-J WW BL 40W RGBW 35 4X1 TX	AM364760055
PP.W4.944412	PROPOINT-P2 WW BL 40W RGBW 8 4X1 TX	AM366300055
PP.W4.944422	PROPOINT-P2 WW BL 40W RGBW 15 4X1 TX	AM366320055
PP.W4.944432	PROPOINT-P2 WW BL 40W RGBW 25 4X1 TX	AM366340055
PP.W4.944442	PROPOINT-P2 WW BL 40W RGBW 35 4X1 TX	AM366360055
PP.W4.944112	PROPOINT-S WW BL 40W RGBW 8 4X1 TX	AM367530055
PP.W4.944122	PROPOINT-S WW BL 40W RGBW 15 4X1 TX	AM367540055
PP.W4.944132	PROPOINT-S WW BL 40W RGBW 25 4X1 TX	AM367550055
PP.W4.944142	PROPOINT-S WW BL 40W RGBW 35 4X1 TX	AM367560055
PP.W4.944111	PROPOINT-S WALL WASHER 40W RGBW 8	AM281010055
PP.W4.944121	PROPOINT-S WALL WASHER 40W RGBW 15	AM281020055
PP.W4.944131	PROPOINT-S WALL WASHER 40W RGBW 25	AM281030055
PP.W4.944141	PROPOINT-S WALL WASHER 40W RGBW 35	AM281040055

Fixtures

Model No.	Description	Item Code
PP.W4.944113	PROPOINT-S WW WT 40W RGBW 8 4X1 TX	AM359320055
PP.W4.944123	PROPOINT-S WW WT 40W RGBW 15 4X1 TX	AM359330055
PP.W4.944133	PROPOINT-S WW WT 40W RGBW 25 4X1 TX	AM359340055
PP.W4.944143	PROPOINT-S WW WT 40W RGBW 35 4X1 TX	AM359350055
PP.W4.944313	PROPOINT-P1 WW WT 40W RGBW 8 4X1 TX	AM363150055
PP.W4.944323	PROPOINT-P1 WW WT 40W RGBW 15 4X1 TX	AM363160055
PP.W4.944333	PROPOINT-P1 WW WT 40W RGBW 25 4X1 TX	AM363170055
PP.W4.944343	PROPOINT-P1 WW WT 40W RGBW 35 4X1 TX	AM363180055
PP.W4.944413	PROPOINT-P2 WW WT 40W RGBW 8 4X1 TX	AM363900055
PP.W4.944423	PROPOINT-P2 WW WT 40W RGBW 15 4X1 TX	AM363910055
PP.W4.944433	PROPOINT-P2 WW WT 40W RGBW 25 4X1 TX	AM363920055
PP.W4.944443	PROPOINT-P2 WW WT 40W RGBW 35 4X1 TX	AM363930055