TRAXON

Project: _____

Type: _____

ProPoint Sconce S White + Color

The ProPoint Sconce White + Color is an AC Line powered luminaire. The ProPoint Sconce offers a tight, controlled grazing solution to exterior applications where the light source will be visible. The sleek design works in both traditional and contemporary architectural environments. Available in three sizes, with both white and color options. The daisy chain topology, and direct-wire nature of the fixture via the two integral cable whips allow for simple installation into existing installations and new structures.

Product Specifications

Model		ProPoint Sconce S White / Color
Light Source		3 LED
Light Source		3000K / 4000K / Red / Green / Blue standard 2200K, 2700K, 3500K, 5000K, 6500K, Amber available[1]
Beam Angle		10° x 5°
Luminous Flux		113 lm - 299 lm
Efficacy		12 lm/W - 33 lm/W
Lumen Maintenance		L70 @25°C 81,000hrs
Cover Lens		Tempered Glass
Housing		Die Cast Aluminum
Adjustment Options		90°
Dimensions		152.4mm x 121.4mm x 105.2mm / 6” x 4.78” x 4.14”
Weight		1.36 kg / 3.00 lbs.
EPA (sq.ft)	**With standard bracket**	Front: 0.3108 Side : 0.1566 Front 45° : 0.2778
	With wall mount bracket	Front: 0.3303 Side : 0.1967 Front 45° : 0.3020
Regulatory Listing & Safety Approval		cETLus, FCC, RoHS, REACH, ASTM B117-16, ANSI 3G, IK08
Operating Temperature		-30°C to +55°C / -22°F to +131°F
Minimum Starting Temperature		-20°C / -4°F
Storage Temperature		-40°C to +80°C / -40°F to +176°F
Environment		Outdoor (IP66), suitable for coastal environments
Humidity		85%, non-condensing

Electrical Specifications

Input Voltage	120-277Vac 50/60Hz
Power Consumption	9W Max.
Power Factor	≥ 0.9

System Specifications

Control	DMX512, RDM Enabled or On/Off
Power	AC Line
Power Supply	Integrated

1. No MOQ required. Please consult regional sales office for pricing and lead time.

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 results always 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 complicate function of 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.

Lumen measurement compiles with LM-79-08 standard.
Lumen maintenance is calculated based on LM-80 compliant measurement.

ProPoint Sconce S White + Color

Photometrics

Source Specifications

LED Source	3 LED
Beam Angle	10° x 5°
Cover Lens	Tempered Glass

Candela Distribution

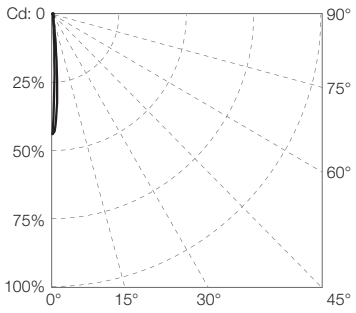


Diagram based on Sconce S 3000K 10° + 5°

Light Output

Color	Luminous Flux (lm)	Candela Distribution @100%	Efficacy (lm/W)
3000K	299.11	4,274.70	33.01
4000K	280.5	4,195.70	31.22
Red	173.55	2,457.30	23.19
Green	210.12	3,205.00	22.91
Blue	113.27	1,677.04	12.54

Illuminance at a Distance

3000K

	Center Beam LUX	Beam Width
1m	4,212	0.18m
2m	1,053	0.36m
3m	468.0	0.54m
4m	263.2	0.72m
5m	168.5	0.91m

Vert. Spread: 10.4°
Horiz. Spread: 10.4°
For feet multiply by 3.28
For fc divide by 10.7

4000K

	Center Beam LUX	Beam Width
1m	4,133	0.17m
2m	1,033	0.35m
3m	459.2	0.52m
4m	258.3	0.69m
5m	165.3	0.87m

Vert. Spread: 9.9°
Horiz. Spread: 9.9°
For feet multiply by 3.28
For fc divide by 10.7

Red

	Center Beam LUX	Beam Width
1m	2,441	0.18m
2m	610.2	0.35m
3m	271.2	0.53m
4m	152.5	0.71m
5m	97.63	0.89m

Vert. Spread: 10.1°
Horiz. Spread: 10.1°
For feet multiply by 3.28
For fc divide by 10.7

Green

	Center Beam LUX	Beam Width
1m	3,212	0.17m
2m	802.9	0.34m
3m	356.8	0.51m
4m	200.7	0.68m
5m	128.5	0.85m

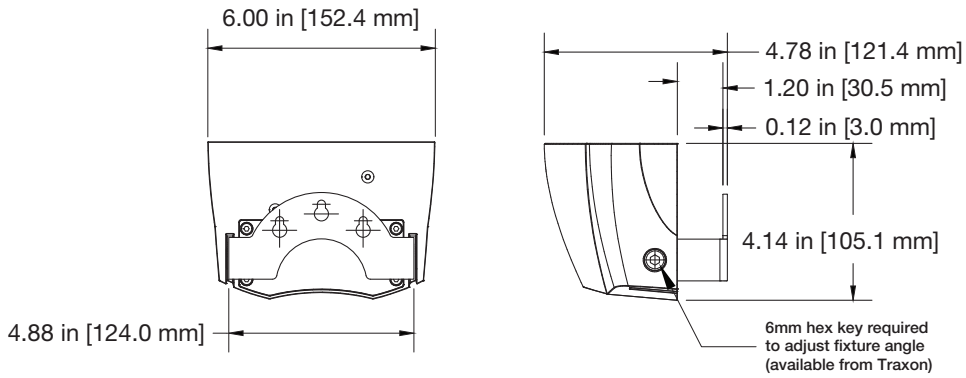
Vert. Spread: 9.7°
Horiz. Spread: 9.7°
For feet multiply by 3.28
For fc divide by 10.7

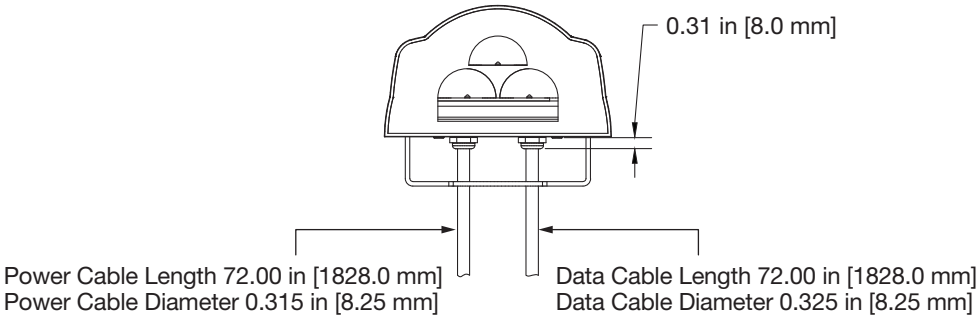
Blue

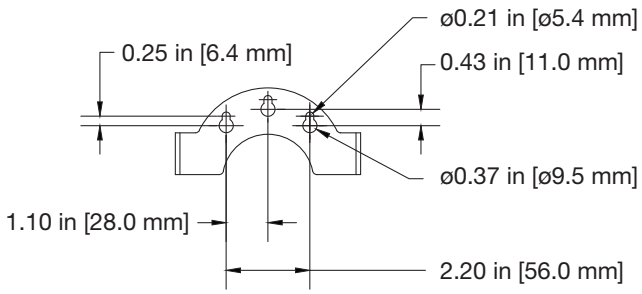
	Center Beam LUX	Beam Width
1m	1,695	0.17m
2m	423.8	0.34m
3m	188.4	0.51m
4m	106.0	0.69m
5m	67.81	0.86m

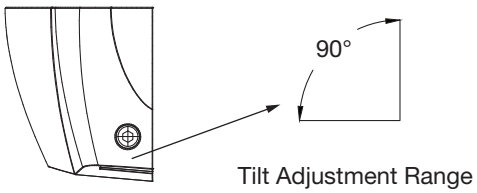
Vert. Spread: 9.8°
Horiz. Spread: 9.8°
For feet multiply by 3.28
For fc divide by 10.7

ProPoint Sconce S White + Color — Dimensions





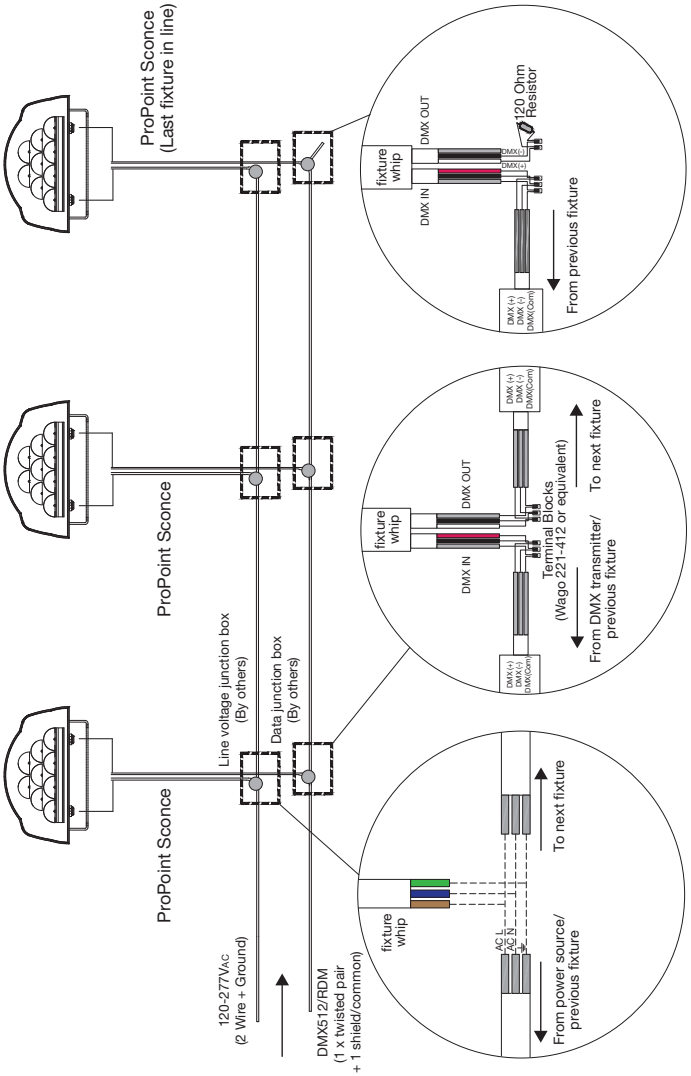




ProPoint Sconce S White + Color

System Diagram

- ProPoint Sconce 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).
- Each DMX512 link must be properly terminated to prevent signal reflections.
- Data cabling from DMX source to first fixture and between subsequent ProPoint Sconce fixtures shall be Cat5e UTP or higher (stranded type only) or other cable type suitable for DMX communication. Consult DMX standard for additional guidance.



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 compatible.
- 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 Sconce S White + Color

Ordering

Model Number

PP	.	S1	.	X	X	X	4	1	X
ProPoint		Sconce S		Control	Color	CCT	Approbation	Optic	Finish
		S1: Sconce S		9: DMX	8: Blue	0: No CCT	4: cETLus	1: 10° x 5°	1: Gray
				7: On / Off	7: Green	3: 3000K			2: Black
					6: Red	4: 4000K			3: White
					1: White				

Fixtures

Model No.	Description	Item Code
PP.S1.913411	ProPoint Sconce S 3000K ETL	AM402190055
PP.S1.914411	ProPoint Sconce S 4000K ETL	AM402200055
PP.S1.960411	ProPoint Sconce S Red ETL	AM402180055
PP.S1.970411	ProPoint Sconce S Green ETL	AM402170055
PP.S1.980411	ProPoint Sconce S Blue ETL	AM402160055
PP.S1.913412	ProPoint Sconce S 3000K BL ETL	AM402240055
PP.S1.914412	ProPoint Sconce S 4000K BL ETL	AM402250055
PP.S1.960412	ProPoint Sconce S Red BL ETL	AM402230055
PP.S1.970412	ProPoint Sconce S Green BL ETL	AM402220055
PP.S1.980412	ProPoint Sconce S Blue BL ETL	AM402210055
PP.S1.913413	ProPoint Sconce S 3000K WT ETL	AM402290055
PP.S1.914413	ProPoint Sconce S 4000K WT ETL	AM402300055
PP.S1.960413	ProPoint Sconce S Red WT ETL	AM402280055
PP.S1.970413	ProPoint Sconce S Green WT ETL	AM402270055
PP.S1.980413	ProPoint Sconce S Blue WT ETL	AM402260055
PP.S1.713411	ProPoint Sconce S 3000K On/Off ETL	AM402640055
PP.S1.714411	ProPoint Sconce S 4000K On/Off ETL	AM402650055
PP.S1.760411	ProPoint Sconce S Red On/Off ETL	AM402630055
PP.S1.770411	ProPoint Sconce S Green On/Off ETL	AM402620055
PP.S1.780411	ProPoint Sconce S Blue On/Off ETL	AM402610055
PP.S1.713412	ProPoint Sconce S 3000K On/Off BL ETL	AM402690055
PP.S1.714412	ProPoint Sconce S 4000K On/Off BL ETL	AM402700055
PP.S1.760412	ProPoint Sconce S Red On/Off BL ETL	AM402680055
PP.S1.770412	ProPoint Sconce S Green On/Off BL ETL	AM402670055
PP.S1.780412	ProPoint Sconce S Blue On/Off BL ETL	AM402660055
PP.S1.713413	ProPoint Sconce S 3000K On/Off WT ETL	AM402740055
PP.S1.714413	ProPoint Sconce S 4000K On/Off WT ETL	AM402750055
PP.S1.760413	ProPoint Sconce S Red On/Off WT ETL	AM402730055
PP.S1.770413	ProPoint Sconce S Green On/Off WT ETL	AM402720055
PP.S1.780413	ProPoint Sconce S Blue On/Off WT ETL	AM402710055

ProPoint Sconce S White + Color

Ordering

Accessories

Model No.	Description	Item Code
PP.SC.120001	ProPoint Sconce Mount Over JBox Bracket S	AM401790055
PP.SC.220001	ProPoint Sconce Mount Over JBox Bracket M	AM401780055
PP.SC.320001	ProPoint Sconce Mount Over JBox Bracket L	AM401770055
PP.SC.120002	ProPoint Sconce Mount Over JBox Bracket S BL	AM401820055
PP.SC.220002	ProPoint Sconce Mount Over JBox Bracket M BL	AM401810055
PP.SC.320002	ProPoint Sconce Mount Over JBox Bracket L BL	AM401800055
PP.SC.120003	ProPoint Sconce Mount Over JBox Bracket S WT	AM401850055
PP.SC.220003	ProPoint Sconce Mount Over JBox Bracket M WT	AM401840055
PP.SC.320003	ProPoint Sconce Mount Over JBox Bracket L WT	AM401830055