



TRAXON

Date: _____ Quantity: _____
Company: _____
Project: _____



ProPoint® Linear HO Dynamic White

The ProPoint Linear Dynamic White is an AC Line powered luminaire in a slim profile. The ProPoint Linear Dynamic White is available in 8W (SO) or 12W (HO) per foot output, 4 beam options, standard & custom finishes which can meet the needs for most projects. The daisy chain topology is augmented with a separate Data Injector allowing single cable feed combining data and power to fixtures.



Product Specifications

Model	ProPoint Linear HO Dynamic White 300	ProPoint Linear HO Dynamic White 1200
Light Source	2200K/6500K LED Cluster x 5	2200K/6500K LED Cluster x 20
Color Range	DW (2200K - 6500K)	
Beam Angle	15°, 25°, 35°, 50° x 30° 105° x 105° (IC on demand)	
Luminous Flux	681 lm @15°	2,460 lm @15°
Efficacy	53 lm/W @15°	53 lm/W @15°
Lumen Maintenance	L70 @ 25° 81,000 hours	
Cover Lens	Tempered Glass	
Housing	Die Cast Aluminum	
Adjustment Options	±90°	
Dimensions (L x W x H)	300mm x 58mm x 90mm	1200mm x 58mm x 90mm
Weight	1.35 kg (3 lbs.)	3.6 kg (8 lbs.)
Regulatory Listing & Safety Approval	CE, RoHS, REACH, ASTM B117-16, ANSI 3G, IK08	
Operating Temperature	-30°C to +55°C (-22°F to +131°F)	
Storage Temperature	-40°C to +80°C (-40°F to +176°F)	
Minimum Starting Temperature	-20°C (-4°F)	
Environment	IP66 Outdoor, suitable for coastal environments	
Humidity	85%, non-condensing	

Electrical Specifications

Input Voltage ¹	220-240V AC	
Power Consumption	12W	48W
Power Factor	≥ 0.9	

System Specifications

Power	AC line
Control	DMX512, 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 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 complicated 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.

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® Linear HO Dynamic White

Photometrics

Source Specifications

LED Source	2200K / 6500K LED clusters x5 / x20
Beam Angle	15°
Cover Lens	Tempered Glass

Candela Distribution

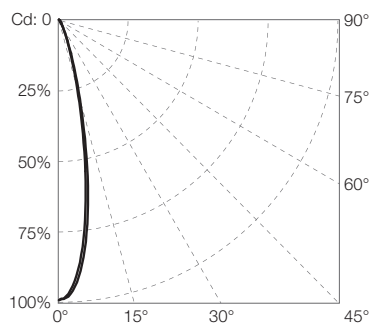


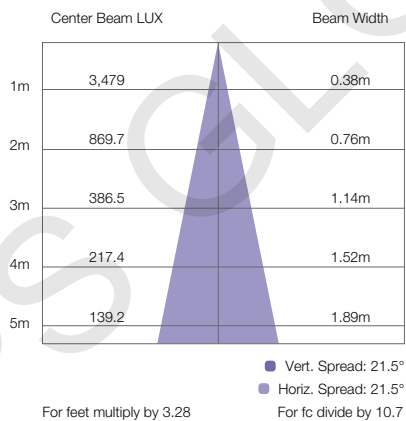
Diagram based on HO 1' Dynamic White 15°

Light Output

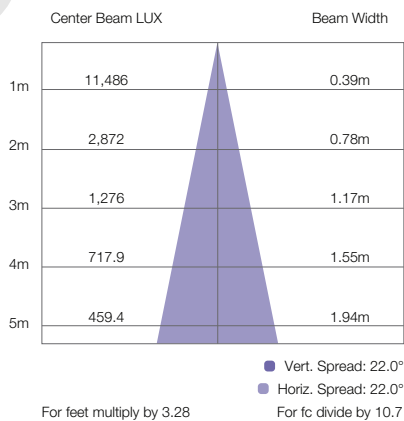
Color	Luminous Flux (lm)	Candela Distribution at 100%	Efficacy (lm/W)
ProPoint Linear HO Dynamic White 15° 300			
White (full on)	681.86	3,466.05	53.27
Warm White (2200K)	259.45	1,317.14	37.60
Warm White (2700K)	334.32	1,691.86	42.32
Neutral White (4000K)	623.39	3,137.17	54.68
Cold White (6500K)	426.25	2,161.91	61.78
ProPoint Linear HO Dynamic White 15° 1200			
White (full on)	2,460.4	11,513.32	53.26
Warm White (2200K)	927.3	4,425.55	38.00
Warm White (2700K)	1,223.5	5,857.9	42.78
Neutral White (4000K)	2,295.6	10,861.17	54.01
Cold White (6500K)	1,519.5	7,043.75	61.52

Illuminance at a Distance

ProPoint Linear HO Dynamic White 15° 300



ProPoint Linear HO Dynamic White 15° 1200





ProPoint® Linear HO Dynamic White

Photometrics

Source Specifications

LED Source	2200K / 6500K LED clusters x5 / x20
Beam Angle	25°
Cover Lens	Tempered Glass

Candela Distribution

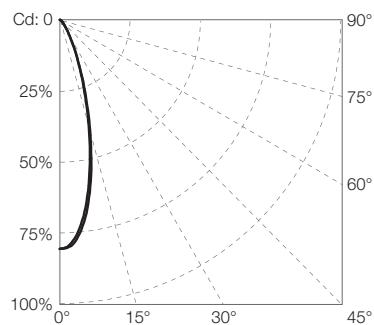


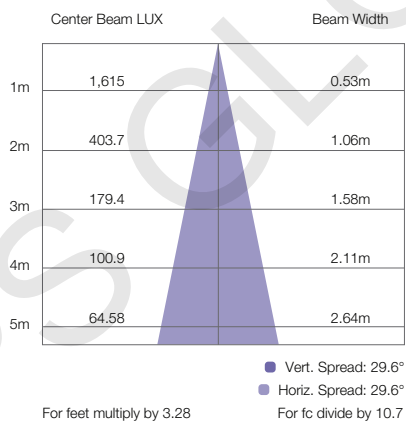
Diagram based on HO 1' Dynamic White 25°

Light Output

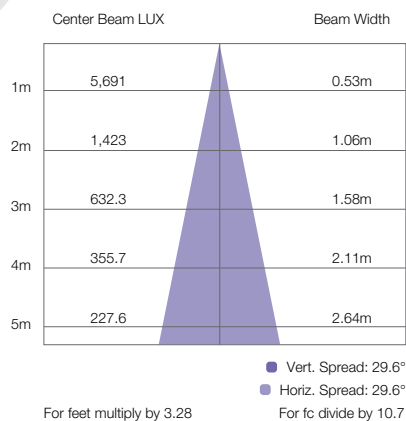
Color	Luminous Flux (lm)	Candela Distribution at 100%	Efficacy (lm/W)
ProPoint Linear HO Dynamic White 25° 300			
White (full on)	617.16	1,609.96	48.98
Warm White (2200K)	233.31	612.02	34.62
Warm White (2700K)	304.9	802.18	39.09
Neutral White (4000K)	577.26	1,512.68	50.20
Cold White (6500K)	387.81	1,017.64	57.88
ProPoint Linear HO Dynamic White 25° 1200			
White (full on)	2,231.4	5,677.08	48.51
Warm White (2200K)	856.78	2,205.56	34.69
Warm White (2700K)	1,177.3	3,031.02	40.32
Neutral White (4000K)	2,079.2	5,323.48	49.50
Cold White (6500K)	1,386.7	3,538.74	56.37

Illuminance at a Distance

ProPoint Linear HO Dynamic White 25° 300



ProPoint Linear HO Dynamic White 25° 1200





ProPoint® Linear HO Dynamic White

Photometrics

Source Specifications

LED Source	2200K / 6500K LED clusters x5 / x20
Beam Angle	35°
Cover Lens	Tempered Glass

Candela Distribution

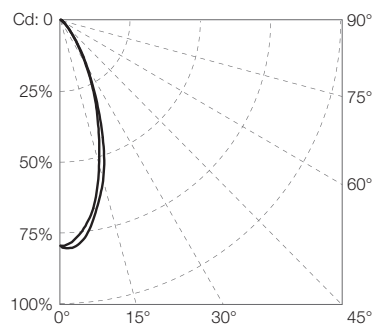
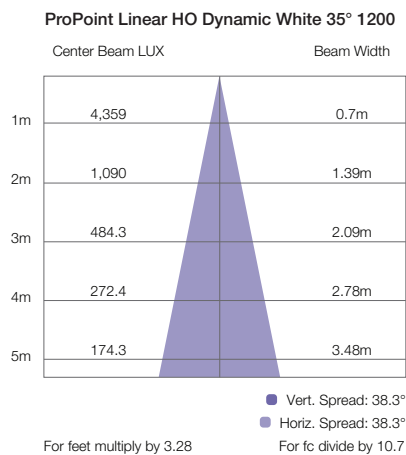
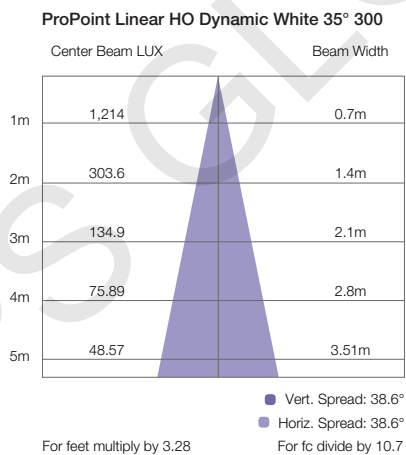


Diagram based on HO 1' Dynamic White 35°

Light Output

Color	Luminous Flux (lm)	Candela Distribution at 100%	Efficacy (lm/W)
ProPoint Linear HO Dynamic White 35° 300			
White (full on)	660.69	1,209.40	52.02
Warm White (2200K)	246.44	465.79	36.78
Warm White (2700K)	320.62	607.75	41.64
Neutral White (4000K)	605.15	1,134.28	53.55
Cold White (6500K)	410.24	765.48	61.23
ProPoint Linear HO Dynamic White 35° 1200			
White (full on)	2,416.5	4,347.81	52.53
Warm White (2200K)	906.87	1,693.83	37.63
Warm White (2700K)	1,167.4	2,216.82	41.99
Neutral White (4000K)	2,265.1	4,287.55	53.05
Cold White (6500K)	1,505.8	2,853.67	60.47

Illuminance at a Distance





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Photometrics

Source Specifications

LED Source	2200K / 6500K LED clusters x5 / x20
Beam Angle	50° x 30°
Cover Lens	Tempered Glass

Candela Distribution

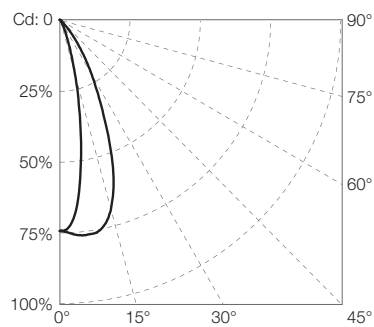


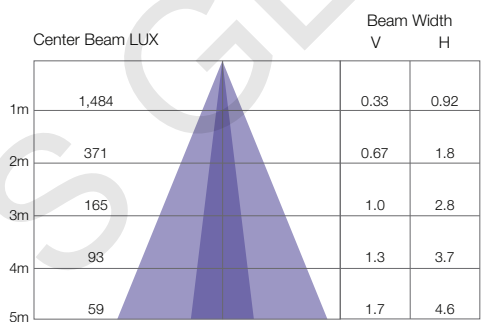
Diagram based on HO 1' Dynamic White 50° x 30°

Light Output

Color	Luminous Flux (lm)	Candela Distribution at 100%	Efficacy (lm/W)
ProPoint Linear HO Dynamic White 50° x 30° 300			
White (full on)	614.87	1,531.27	48.04
Warm White (2200K)	231.35	579.94	34.02
Warm White (2700K)	299.96	749.12	38.46
Neutral White (4000K)	557.66	1,387.34	49.35
Cold White (6500K)	384.36	952.71	55.70
ProPoint Linear HO Dynamic White 50° x 30° 1200			
White (full on)	2228	5,381.27	48.33
Warm White (2200K)	850.85	2,062.82	34.73
Warm White (2700K)	1,086.8	2,654.56	38.95
Neutral White (4000K)	2,068.7	5,001.34	49.37
Cold White (6500K)	1,385.5	3,350.22	56.55

Illuminance at a Distance

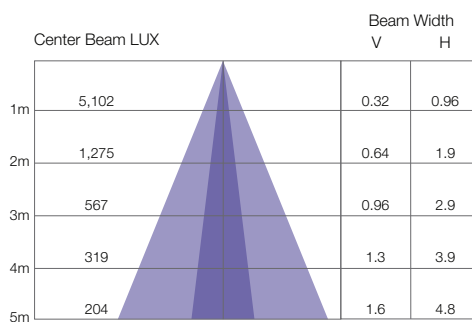
ProPoint Linear HO Dynamic White 50° x 30° 300



For feet multiply by 3.28

- Vert Spread: 19.0°
 - Horiz Spread: 49.6°
- For fc divide by 10.7

ProPoint Linear HO Dynamic White 50° x 30° 1200



For feet multiply by 3.28

- Vert Spread: 18.2°
 - Horiz Spread: 51.4°
- For fc divide by 10.7

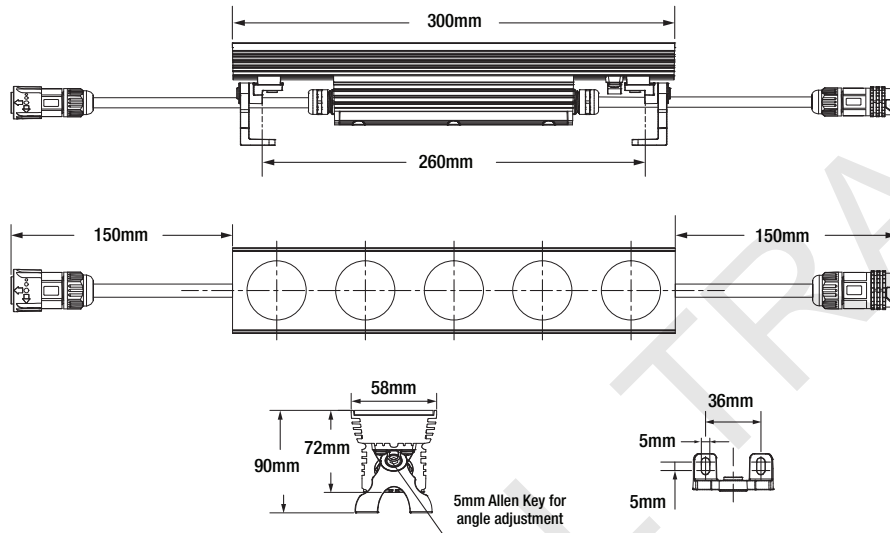


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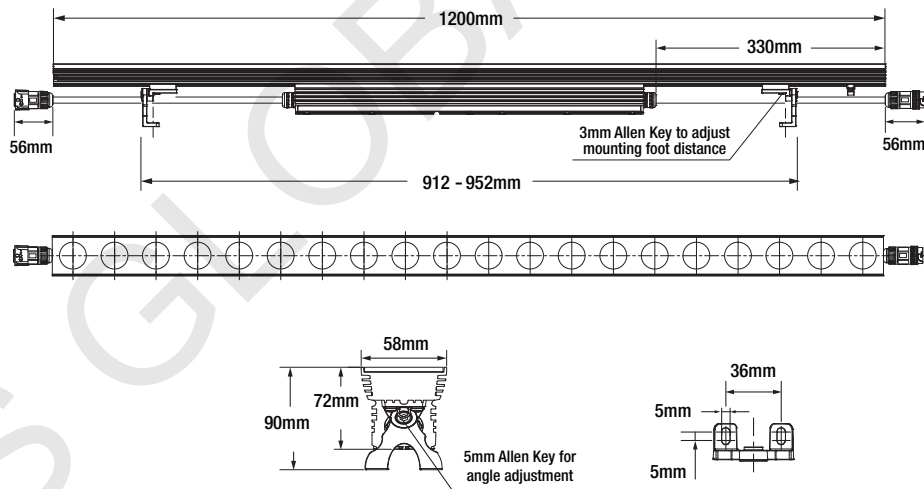
ProPoint® Linear HO Dynamic White

Dimensions

ProPoint Linear 300



ProPoint Linear 1200



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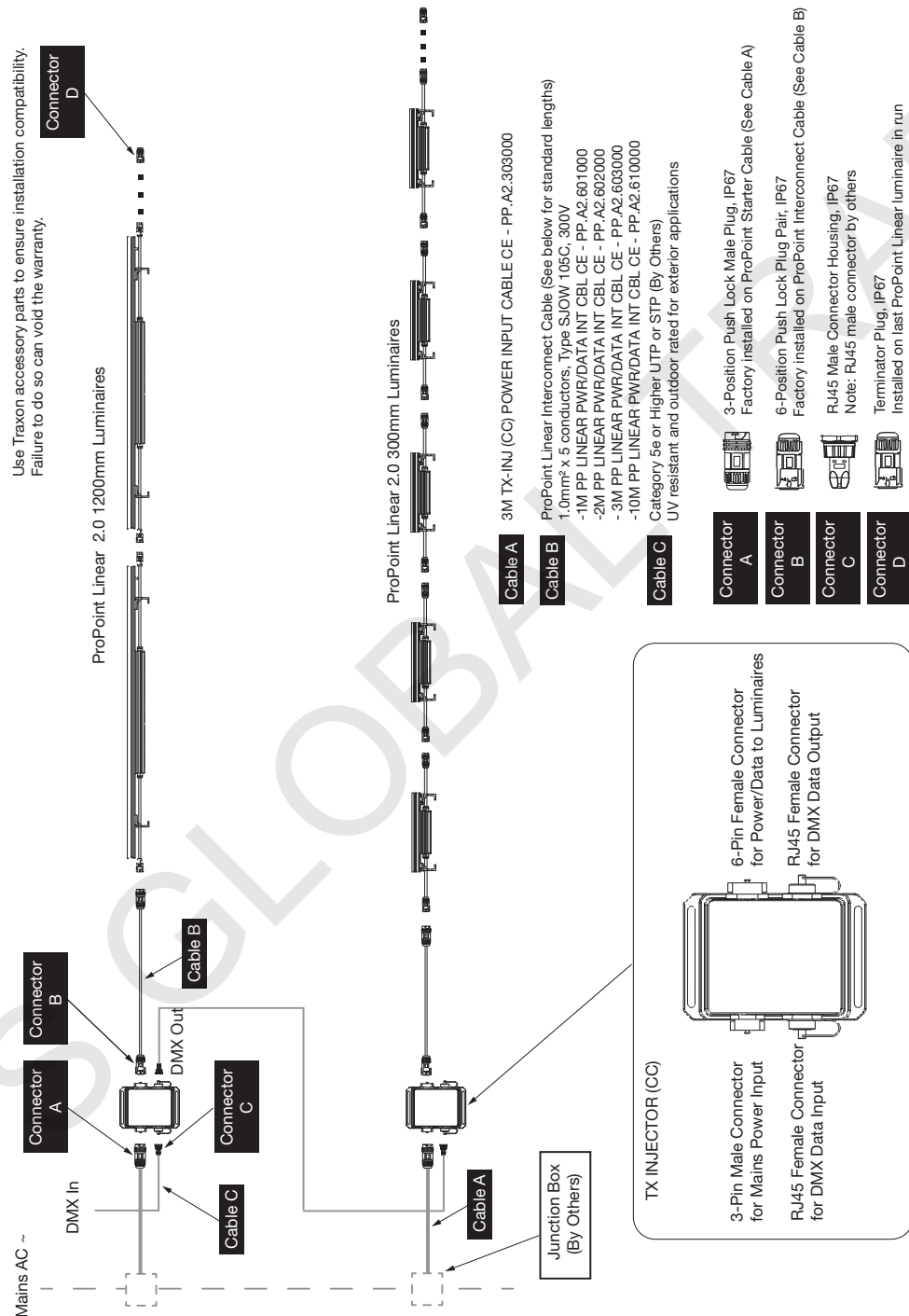
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ProPoint® Linear HO Dynamic White

System Diagram



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Ordering

Fixtures Model Number

PP	XX	9	2	7	6	X	X
ProPoint	Linear HO	Control	Color	CCT	Approbation	Optic	Finish
	L1 - 1200 48W	9: DMX	2: DW	7: 2200K-6500K	6: CE	2: 15°	1: Gray
	L4 - 300 12W					3: 25°	2: Black
						4: 35°	3: White
						5: 50° x 30°	
						6: 105° x 105° (IC on demand)	
Desired Model Number:							
PP	XX	9	2	7	6		

Fixtures

Model No.	Description	Item Code
PPL4.927621	ProPoint Linear HO 300 DW 15 CE	AM373340055
PPL4.927631	ProPoint Linear HO 300 DW 25 CE	AM373350055
PPL4.927641	ProPoint Linear HO 300 DW 35 CE	AM373360055
PPL4.927651	ProPoint Linear HO 300 DW 50x30 CE	AM373370055
PPL4.927622	ProPoint Linear HO 300 DW 15 BL CE	AM373380055
PPL4.927632	ProPoint Linear HO 300 DW 25 BL CE	AM373390055
PPL4.927642	ProPoint Linear HO 300 DW 35 BL CE	AM373400055
PPL4.927652	ProPoint Linear HO 300 DW 50x30 BL CE	AM373410055
PPL4.927623	ProPoint Linear HO 300 DW 15 WT CE	AM373420055
PPL4.927633	ProPoint Linear HO 300 DW 25 WT CE	AM373430055
PPL4.927643	ProPoint Linear HO 300 DW 35 WT CE	AM373440055
PPL4.927653	ProPoint Linear HO 300 DW 50x30 WT CE	AM373450055
PPL1.927621	ProPoint Linear HO 1200 DW 15 CE	AM373460055
PPL1.927631	ProPoint Linear HO 1200 DW 25 CE	AM373470055
PPL1.927641	ProPoint Linear HO 1200 DW 35 CE	AM373480055
PPL1.927651	ProPoint Linear HO 1200 DW 50x30 CE	AM373490055
PPL1.927622	ProPoint Linear HO 1200 DW 15 BL CE	AM373500055
PPL1.927632	ProPoint Linear HO 1200 DW 25 BL CE	AM373510055
PPL1.927642	ProPoint Linear HO 1200 DW 35 BL CE	AM373520055
PPL1.927652	ProPoint Linear HO 1200 DW 50x30 BL CE	AM373530055
PPL1.927623	ProPoint Linear HO 1200 DW 15 WT CE	AM373540055
PPL1.927633	ProPoint Linear HO 1200 DW 25 WT CE	AM373550055
PPL1.927643	ProPoint Linear HO 1200 DW 35 WT CE	AM373560055
PPL1.927653	ProPoint Linear HO 1200 DW 50x30 WT CE	AM373570055



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Ordering

Accessories

Model No.	Description	Item Code
PP.AC.100001	TX INJECTOR (CC)	AM374890055
PP.AC.100002	TX INJECTOR (CC) BL	AM374900055
PP.AC.100003	TX INJECTOR (CC) WT	AM374910055
PP.AC.600000	AL END CAP W/TERM (CC)	AM380550055
PP.AC.400000	TX INJECTOR RJ45 FLD CTRS (PAIR)	AM380560055
PP.A2.303000	3M TX-INJ (CC) POWER INPUT CABLE CE	AM374840055
PP.A2.601000	1M PP LINEAR PWR/DATA INT CBL CE	AM374850055
PP.A2.602000	2M PP LINEAR PWR/DATA INT CBL CE	AM374860055
PP.A2.603000	3M PP LINEAR PWR/DATA INT CBL CE	AM374870055
PP.A2.610000	10M PP LINEAR PWR/DATA INT CBL CE	AM374880055
PPLA.200011	PROPOINT LIN 1' ASYMM LOUVER	AM380460055
PPLA.200012	PROPOINT LIN 1' ASYMM LOUVER BL	AM380470055
PPLA.200013	PROPOINT LIN 1' ASYMM LOUVER WT	AM380480055
PPLA.200041	PROPOINT LIN 4' ASYMM LOUVER	AM380490055
PPLA.200042	PROPOINT LIN 4' ASYMM LOUVER BL	AM380500055
PPLA.200043	PROPOINT LIN 4' ASYMM LOUVER WT	AM380510055
PPLA.100001	PROPOINT LIN WALL MOUNT ARM	AM380520055
PPLA.100002	PROPOINT LIN WALL MOUNT ARM BL	AM380530055
PPLA.100003	PROPOINT LIN WALL MOUNT ARM WT	AM380540055

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