PROlite LED Lighting™

JOB NAME: _____

TYPE: _____

PART # _____

NOTES: _____

PAFS31Q & PAFS32Q

EasyLED Aeroform Square Post Tops



PAFS31Q
EasyLED Aeroform
Single Arm Open
Square Post Top

PAFS32Q
EasyLED Aeroform
Dual Arm Open
Square Post Top

The PAFS31Q & PAFS32Q Aeroform Architectural Open Square Post Tops are available in Type II, III, IV or V distributions designed to replace HID lighting systems up to 400w MH or HPS. The fixture mounts to a pole top tenon. Typical area lighting applications include parking areas, walkways, and street lighting applications. Mounting heights of 12 to 30 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing: Die Cast and Sand Cast Aluminum Housing, Integral Heat Sinking. Photocell Adaptable.

Listing & Ratings: CSA: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment.

Finish: Black Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Lens: Clear Polycarbonate Vandal-Resistant Array Lens with Integral Optics. Gasketed to Seal LED Array

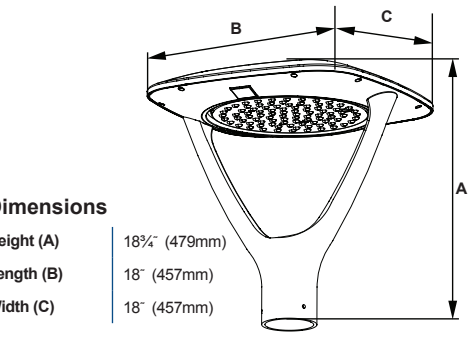
Mounting: Accommodates "P3" 2¯O.D. x 3 ¯T enons EasyLED LED: Aluminum Boards

Wattage:
37w Array: 37w, System: 41w; (70-150w HID Equivalent)
65w Array: 65.3w, System: 72w; (150-250w HID Equivalent)
100w Array: 100w, System: 111w; (150-250w HID Equivalent)
140w Array: 139.9w, System: 156w; (250-400w HID Equivalent)

Driver: Electronic Driver, 120-277V, 50/60Hz or 347-480V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

Controls: Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with specific Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

Warranty: 5-Year Warranty for -40°C to +50°C Environment.



Dimensions

Height (A)	18¾˝ (479mm)
Length (B)	18˝ (457mm)
Width (C)	18˝ (457mm)

ORDERING INFORMATION:

Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
PAFS31Q EasyLED Aeroform Single Arm Open Square Post Top **PAFS32Q** EasyLED Aeroform Dual Arm Open Square Post Top	**B**=Type II **C**=Type III **D**=Type IV **F**=Type V	**1X37**=37w **1X65**=65w **1X100**=100w **1X140**=140w	**U**=120-277V **H**=347-480V	**3K**=3000K* **4K**=4000K **5K**=5000K *37 and 65w Only	**C**=Clear Polycarbonate Array Lens	**B**=Black **C**=Custom (Consult Factory)	**SF**=Single Fuse (120-277V Only) **DF**=Double Fuse (120-277V Only) **SP**=Surge Protection **R3**=3-Pin Twist Lock Photocell Receptacle **R5**=5-Pin Twist Lock Photocell Receptacle **R7**=7-Pin ANSI C136.41—2013 Twist Lock Photocell Receptacle **S2**=Microwave Sensor with Dimming for Mounting Heights of 8 to 40´. (120-277V Only) **S4**=Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', (120-277V Only)

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Accessories & Replacement Parts:



P18131



P18132



P18140



P18150
P18152



P18156,
P18157



P17117



P17123

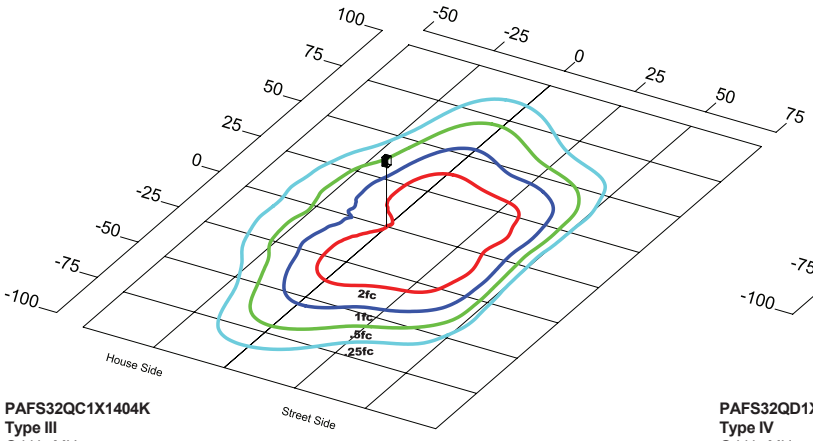
Accessories (Order Separately, Field Installed)	
P18131	Twist Lock Non-Shorting (Open) Cap Disconnects Service to Fixture for Temporary or Permanent Dis-abling (Fixture Always Off). IP65, 480V Maximum.
P18132	Twist Lock Shorting Cap Provides Fixed Service to Fixture (Fixture Always on). IP65, Rated Load 7200w Tungsten.
P18140	110-120VAC Instant Twist Lock Photocell
P18150	120VAC Time Delay Twist Lock Photocell
P18152	277VAC Time Delay Twist Lock Photocell
P18156	120-277VAC Universal Twist Lock Photocell
P18157	480VAC Time Delay Twist Lock Photocell. For 480V use only.

Replacement Parts (Order Separately, Field Installed)	
P17117	Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40´. 120-277VAC, 50/60Hz
P17123	Internally Mounted Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', 120-277VAC, 50/60Hz

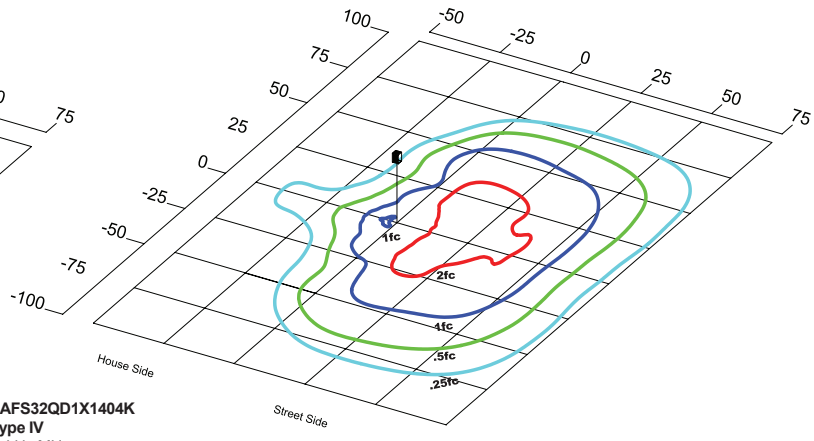
EPA (Effective Projected Area)

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
	1.00	29 Lbs

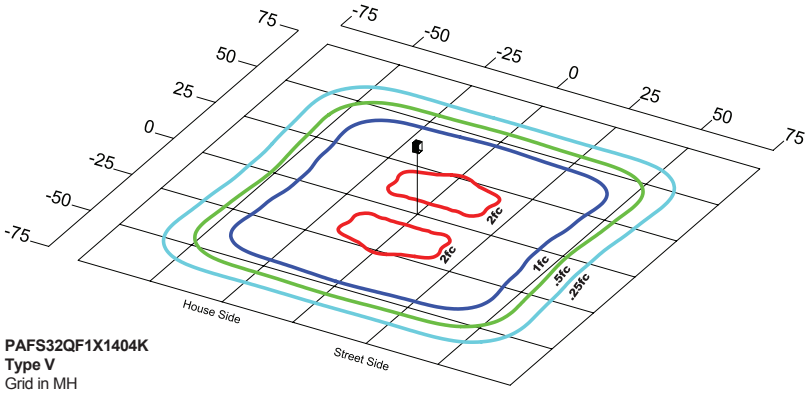
Photometric Data



PAFS32QC1X1404K
Type III
Grid in MH
MH=25 Feet



PAFS32QD1X1404K
Type IV
Grid in MH
MH=25 Feet



PAFS32QF1X1404K
Type V
Grid in MH

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Photometric Performance

					AFS31Q 4000 CCT 70 CRI					AFS32Q 4000 CCT 70 CRI				
LED Board Watts	**Drive Current (mA)**	**Input Watts**		**Optics**	**Lumens**	**LPW**	**B**	**U**	**G**	**Lumens**	**LPW**	**B**	**U**	**G**
EasyLED 37w	525	42	B	Type II Clear	5,111	122	1	0	1	4,723	113	1	0	1
			C	Type III Clear	5,132	122	2	0	2	4,742	113	1	0	1
			D	Type IV Clear	4,682	112	1	0	2	4,516	108	1	0	2
			F	Type V Clear	5,135	122	3	0	1	4,745	113	3	0	1
EasyLED 65w		74	B	Type II Clear	8,979	121	2	0	2	8,298	112	2	0	1
			C	Type III Clear	9,015	122	2	0	2	8,331	113	2	0	2
			D	Type IV Clear	8,226	111	2	0	3	7,933	107	2	0	3
			F	Type V Clear	9,021	122	3	0	2	8,336	113	3	0	2
EasyLED 100w		114	B	Type II Clear	13,814	121	2	0	2	12,766	112	2	0	2
			C	Type III Clear	13,869	122	3	0	3	12,817	112	3	0	3
			D	Type IV Clear	12,656	111	2	0	3	11,881	104	2	0	3
			F	Type V Clear	13,878	122	4	0	2	12,826	113	4	0	2
EasyLED 140w		159	B	Type II Clear	19,339	122	3	0	3	17,871	112	3	0	3
			C	Type III Clear	19,417	122	3	0	3	17,943	113	3	0	3
			D	Type IV Clear	17,717	111	3	0	4	16,392	103	3	0	3
			F	Type V Clear	19,430	122	4	0	2	17,955	113	4	0	2

Projected Lumen Maintenance

Data shown for 5000 CCT			Compare to MH			
TM-21-11	**Input Watts**	**Initial**	**25,000 Hrs**	**50,000 Hrs**	**100,000 Hrs**	**Calculated LED Life**
L70 Lumen Maintenance @ 25°C / 77°F	All wattages up to and including 159w	1.00	0.98	0.95	0.91	327,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.94	0.89	0.78	134,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.96	0.93	0.86	141,000

NOTES:

1. **Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.**
2. **Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.**

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