

LLPFS81Q-F POST TOP

Lumencia's LLEPG PF81Q Reveal Architectural Enclosed Large Round Post Top is available in a Type V distribution designed to replace HID lighting systems up to 1000w 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 Aluminum Housing, Integral Heat Sinking, Photocell Adaptable.

Dimensions: 26.25" D x 19.875" H

Finish:

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

Lens:

Clear UV-Stabilized Polycarbonate or SoftLED LumaLens

Opal UV-Stabilized Polycarbonate Vandal-Resistant Array Lens to Seal LED Array

Mounting Options:

Accommodates "P3" 2 1/4" O.D. x 3" Tenons

EasyLED LED:

Aluminum Boards

Wattage:

100w Array: 100w, System: 108w; (150-250w HID Equivalent)

176w Array: 176w, System: 190w; (400-1000w HID Equivalent)

276w Array: 276w, System: 293w; (400-1000w 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 LEPG Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

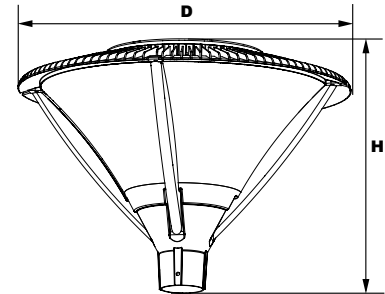
Notes/Certification/Warranty

Buy American Act Compliant

CSA: Listed for Wet Locations, ANSI/UL 1598,

8750 IP66 Sealed LED Compartment.

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



Model #	Wattage	Driver	CCT	Lens	Color	Options
LLPF81Q-F	100W 176W 276W*	U=120-277V H=347-480V	30K* 40K 50K *176W Type V Only.	C= Clear Polycarbonate Array Lens	B=Black C=Custom (Consult Factory)	P2AB =PSRTN Tenon Adaptor, Black P2AC =PSRTN Tenon Adaptor, Custom Color (Consult Factory) SF =Single Fuse* DF =Double Fuse* 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"* S4 =Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19"* *120-277V Models Only.

Accessories & Replacement Parts:

Mounting Accessories (Order Separately, Field Installed)

LLPSRTN* Retrofit Tenon Adaptor, Die Cast with Powdercoat. Finish, Hardware Included. Converts a 2 1/2" x 4" Pole Tenon to a 2 1/8" x 3" Tenon.

*Specify Color: B=Black, C=Custom (Consult Factory)



LLPSRTN

Replacement Parts (Order Separately, Field Installed)

LLPF80PC Clear UV-Stabilized Polycarbonate Outer Conical Lens.

LLP17117 Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. 120-277VAC, 50/60Hz

LLP17123 Internally Mounted Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', 120-277VAC, 50/60Hz



LLPF80PC



LLP17117



LLP17123

Accessories (Order Separately, Field Installed)

LLP18131 Twist Lock Non-Shorting (Open) Cap Disconnects Service to Fixture for Temporary or Permanent Disabling (Fixture Always Off). IP65, 480V Maximum.

LLP18132 Twist Lock Shorting Cap Provides Fixed Service to Fixture (Fixture Always on). IP65, Rated Load 7200w Tungsten.

LLP18140 110-120VAC Instant Twist Lock Photocell

LLP18152 277VAC Time Delay Twist Lock Photocell

LLP18156 120-277VAC Universal Twist Lock Photocell

LLP18157 480VAC Time Delay Twist Lock Photocell. For 480V use only.



LLP18131



LLP18132



LLP18140



LLP18152

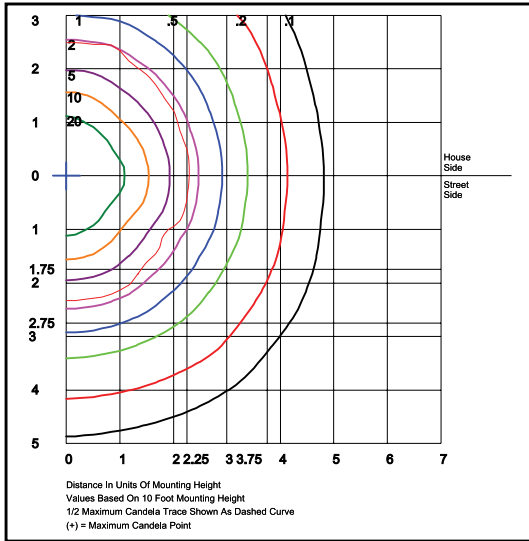


LLP18156,
LLP18157

EPA (Effective Projected Area) EPA (Sq. Ft.) Weight (Lbs.)

3.20	32 Lbs
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Photometric Data



LLPF81QF1X276U5KC, Clear Lens Type V

Grid in MH
MH=10 Feet

Photometric Performance

Optic	CCT	"Wattage (Catalog Logic)"			
		100W (1X100)	176W (1X176)	276W (1X276)	
		Input Watts	108.2W	190.4W	292.5W
F=Type V	3000K	-	15,299	25,913	
	4000K	-	18,818	26,745	
	5000K	-	16,405	27,787	
	BUG Rating	-	B3-U2-G2	B4-U0-G3	

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 293w	1.00	0.98	0.96	0.92	362,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.96	0.92	0.84	183,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.97	0.94	0.88	167,000

NOTES:

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