

LLAS30Q POST TOP

Lumencia's LLAS30Q Astor Bell Pendant is available in Type III or V distributions with two lens options. The fixture mounts to a pole single arm, pole double arm, or wall mount single arm. 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 and Driver Compartment, Spun Aluminum Shade. Nickel-Plated Stainless Steel Hardware. Optional Twist-Lock Receptacle and Photocells are Installed on Arm Brackets (Factory Installed).

Head Dimensions: 19.5"OD x 11.0"H

Finish:

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

Lens:

Clear Prismatic or LumaLens Opal Prismatic Array Lens to Seal LED Array

Mounting Options:

Single Wall Mount Arm and Bracket, or Single or Dual Pole Mount Arms. Pole Mount Arms Accommodate 3" Tenons.

EasyLED LED:

Aluminum Boards; Array has IP67 rating

Wattage:

37w Array: 37w, System: 39w; (70-150w HID Equivalent)
65w Array: 65.1w, System: 68w; (150-250w HID Equivalent)
84w Array: 84w, System: 86w; (150-250w 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 LEPC Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

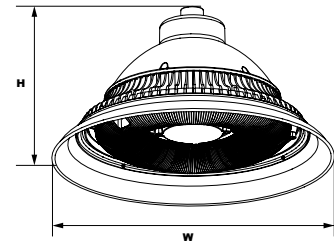
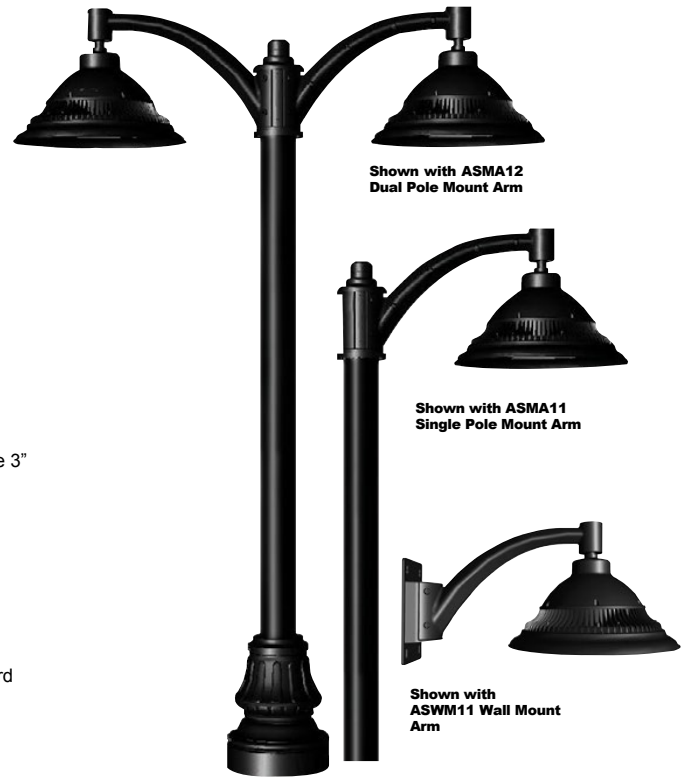
Notes/Warranty

Buy American Act Compliant

CSA: Listed for Wet Locations

IP66

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



Step 1:



Step 1: Select Fixture

Fixture Part #	Optics	Wattage	Driver	CCT	Lens	Color	Options
LLAS301Q	C= Type III F= Type V	37W 65W 84W* <small>*F Optic Only.</small>	U=120-277V H=347-480V	30K* 40K 50K <small>*84w Type V & 65w Type III Only.</small>	C= Clear Prismatic Array Lens L= LumaLens Opal Array Lens	BLK=Black C=Custom <small>(Consult Factory)</small>	SF=Single Fuse* DF=Double Fuse* SP=Surge Protection 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'* <small>*120-277V Models Only.</small>

Step 2:



Step 3:



Step 2: Select Arm

Arm Part #	Color	Options
LLASWM11= Single Wall Mount Arm LLASMA11= Single Pole Mount Arm LLASMA12= Dual Pole Mount Arm	BLK=Black C=Custom <i>(Consult Factory)</i>	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 Photocell Option not available with Wall Mount Arm.

Step 3: Select Pole

Pole Part #	Height/Shaft/Gauge	Color	Pole Top Mounting	Options
LLPARS= Smooth Aluminum Extruded Pole	420AB= 20' Anchor Base Pole	BLK=Black	P3= 2 $\frac{7}{8}$ x 3"H Tenon	Blank=No Options LAB=Less Anchor Bolts (2) LBC=Less Base Cover (3)
LLPARF= Fluted Aluminum Extruded Pole	416AB= 16' Anchor Base Pole 422DB=22' Direct Burial Pole	BLK=Black	N/A	Blank=No Options LAB=Less Anchor Bolts (2)

See your Lumencia rep for additional specifications and EPAs on compatible Posts

Notes for LLPARS:

- Side Drilled poles include UV-stabilized polycarbonate pole cap.
- All poles include anchor bolts standard, consult dimension table for size based on pole dimensions.
- All poles include square 2-piece black base cover.
- See your Lumencia rep for additional specifications and EPAs on compatible Posts

Notes for LLPARF:

- PARF poles include anchor bolts standard.
- PARF poles include removable 3" aluminum tenon.
- PARF Poles can be cut to custom lengths. Consult factory.

Mounting Options:



LLAS301Q with Single Wall Mount Arm (LLASWM11)

Single Wall Mount Arm, Black Powdercoat Finish, Includes Hardware.
Mounts Directly to Wall



LLAS301Q with Single Pole Mount Arm (LLASMA11)

Single Pole Mount Arm, Black Powdercoat Finish, Includes Hardware.
Requires 3" Tenon.





LLAS301Q with Dual Pole Mount Arm (LLASMA12)

Dual Pole Mount Arm, Black Powdercoat Finish, Includes Hardware.
Requires 3" Tenon.

EPA (Effective Projected Area)

Shown with Mounting Arms.

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 1	0.64	22 Lbs

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 2@180° Mount	1.28	44 Lbs

Accessories & Replacement Parts:

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

Replacement Parts

(Order Separately, Field Installed)

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



LLP17117



LLP17123

Photometric Performance

				5000 CCT 80 CRI					4000 CCT 80 CRI					3000 CCT 80 CRI				
LED Board Watts	Drive Current (mA)	Input Watts	Optics	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
EasyLED 37w	525	39	Type III (Clear Prismatic Array Lens)	3,228	83	1	0	1	3,107	80	1	0	1	-	-	-	-	-
EasyLED 65w		68	Type III (Clear Prismatic Array Lens)	5,671	83	2	0	2	5,458	80	2	0	2	5,246	77	2	0	2
EasyLED 84w		86	Type III (Clear Prismatic Array Lens)	7,067	82	2	0	2	6,802	79	2	0	2	-	-	-	-	-
			Type V (Clear Prismatic Array Lens)	9,614	112	3	3	0	8,965	104	3	3	0	8,653	101	3	3	0
			Type V (LumaLens Array Lens)	8,220	96	3	3	0	7,665	89	3	3	0	7,398	86	3	3	0

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 86w	1.00	0.98	0.97	0.94	473,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.97	0.95	0.90	290,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.98	0.95	0.91	220,000

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.