



PHI30Q

Philadelphia Bell Pendant Decorative Pole Mounted Luminaire



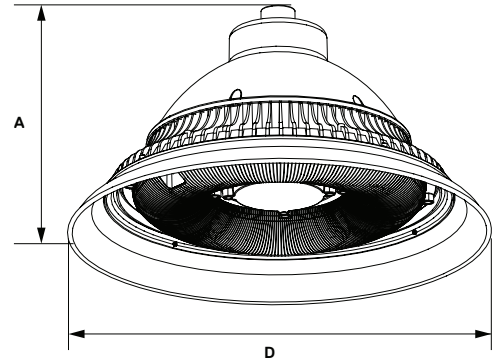
Shown with PHIDP12 Dual Pole Mount Arm



Shown with PHISP11 Single Pole Mount Arm



Shown with PHIWM11 Wall Mount Arm



Dimensions

Diameter (D)	19 1/2" (495mm)
Height (A)	11" (279mm)

The SaySpec PHI30Q Philadelphia Bell Pendant is available in Type III or V distributions with two lens options designed to replace HID lighting systems up to 250w MH or HPS. The fixture mounts to a pole single arm, pole double arm, or wall mount single arm. Typical area lighting applications include parking areas, walkways, and pedestrian public spaces. Mounting heights of 12 to 30 feet can be used based on light level and uniformity requirements.

PHI30Q 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).

LISTING & RATINGS:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750
IP66 Sealed LED Compartment

FINISH:

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

LENS:

Clear Prismatic or 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.

LED:

Aluminum Boards; 473,000 Hours of L70 LED Life (25°C)

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 SaySpec 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.

See Page 3 for Projected Lumen Maintenance Table.

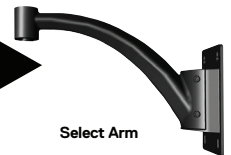
Specification Guide:

Step 1:



Select Fixture

Step 2:



Select Arm

Step 3:



Select Pole

Project Information:

PROJECT NAME: _____ FIXTURE TYPE: _____

COMPLETE CATALOG#: _____ DATE: _____

COMMENTS: _____

Certification & Listings:



Step 1: SELECT FIXTURE

Order Information Example: PHI301QF1X84U5KCBSF

PHI301Q

Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
PHI301Q=LED Philadelphia Bell Pendant	C=Type III F=Type V	1X37=37w 1X65=65w 1X84=84w	U=120-277V H=347-480V	3K=3000K* 4K=4000K 5K=5000K *84w Type V & 65w Type III Only.	C=Clear Prismatic Array Lens L=Opal Array Lens	B=Black C=Custom (Consult Factory)	SF=Single Fuse (120-277V Only) DF=Double Fuse (120-277V Only) SP=Surge Protection 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)

Step 2: SELECT ARM

Order Information Example: PHIDP12BR7

Model	Color	Options
PHIWM11= Single Wall Mount Arm PHISP11= Single Pole Mount Arm PHIDP12= Dual Pole Mount Arm	B=Black C=Custom (Consult Factory)	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

Order Information Example: PIT2555BP3

PIT		B	P3		
Model	Height/Shaft/Gauge (Pick One)		Color	Pole Top Mounting	Options
	4" Round 5mm Wall	5" Round 5mm Wall			
PIT=Straight Round Aluminum Pole	2045=20'	2555=25'	B=Black	P3=2 1/8" x 4"H Tenon	(Leave Blank)=No Options LAB=Less Anchor Bolts (2) LBC=Less Base Cover (3)

Notes:

1. Straight Round Aluminum Poles include anchor bolts standard, consult dimension table for size based on pole dimensions.
2. Straight Round Aluminum Poles include square 2-piece black base cover.
3. Straight Round Aluminum Poles available in standard lengths as shown. Poles can be cut to custom lengths. Consult Factory.

SEE PIT STRAIGHT ROUND ALUMINUM POLE SPEC SHEET FOR ADDITIONAL SPECIFICATIONS AND EPAS

Order Information Example: PARF422DBBLAB

PIT		B	
Model	Shaft/Height/Style	Color	Options
PIT=Fluted Aluminum Extruded Pole	416AB=16" Anchor Base Pole 422DB=22" Direct Burial Pole	B=Black	(Leave Blank)= No Options LAB= Less Anchor Bolts (2)

Notes:

1. Fluted Aluminum Extruded Poles include anchor bolts standard.
2. Fluted Aluminum Extruded Poles include removable 3" aluminum tenon.
3. Fluted Aluminum Extruded Poles can be cut to custom lengths. Consult factory.

SEE PIT FLUTED ALUMINUM EXTRUDED POLE SPEC SHEET FOR ADDITIONAL SPECIFICATIONS AND EPAS

MOUNTING OPTIONS:



PHI301Q with Single Wall Mount Arm (PHIWM11)

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



PHI301Q with Single Pole Mount Arm (PHISP11)

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



PHI301Q with Dual Pole Mount Arm (PHIDP12)

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

EPA (EFFECTIVE PROJECTED AREA) Shown with Mounting Arms.

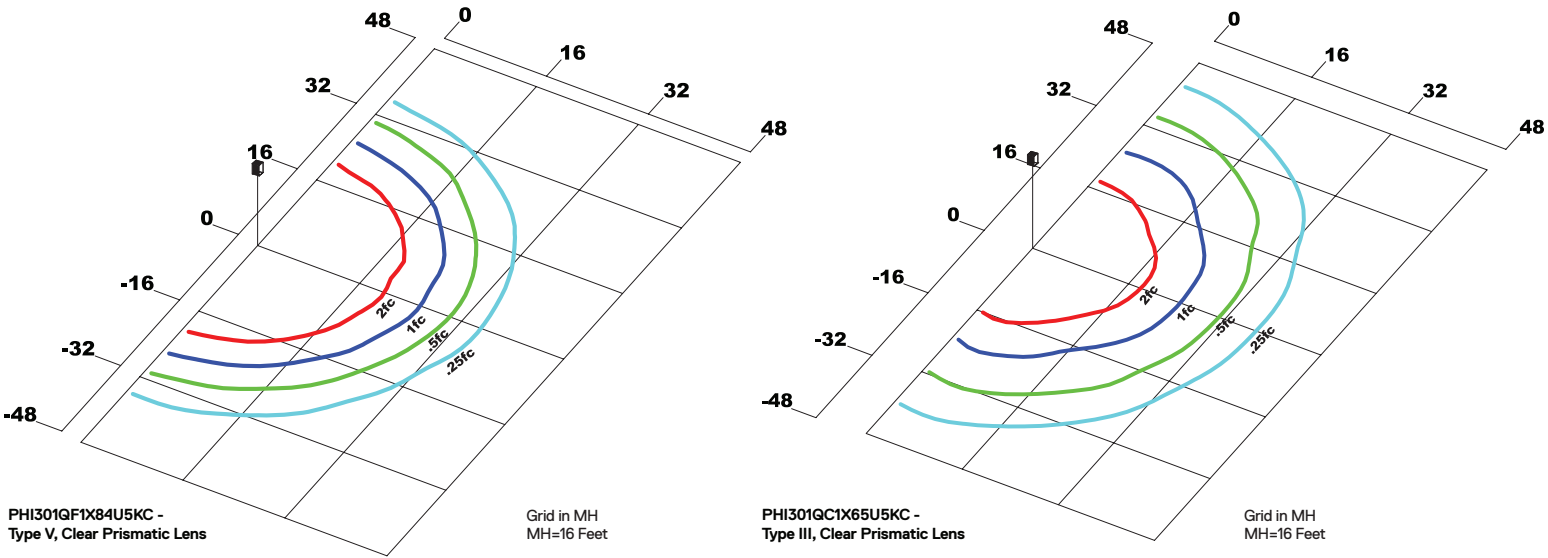
Configuration	EPA (Ft²)	Weight (Lbs.)	Configuration	EPA (Ft²)	Weight (Lbs.)
 1	.66	29 Lbs	 2@180° Mount	1.32	58 Lbs

ACCESSORIES & REPLACEMENT PARTS:



Accessories (Order Separately, Field Installed)		Replacement Parts (Order Separately, Field Installed)	
P18131	Twist Lock Non-Shorting (Open) Cap Disconnects Service to Fixture for Temporary or Permanent Disabling (Fixture Always Off). IP65, 480V Maximum.	P17117	Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. 120-277VAC, 50/60Hz.
P18132	Twist Lock Shorting Cap Provides Fixed Service to Fixture (Fixture Always on). IP65, Rated Load 7200w Tungsten.	P17123	Internally Mounted Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', 120-277VAC, 50/60Hz
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.		

PHOTOMETRIC DATA





PHI30Q

Philadelphia Bell Pendant Decorative Pole Mounted Luminaire

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
LED 37w	525	39	Type III (Clear Prismatic Array Lens)	3,228	83	1	0	1	3,107	80	1	0	1	-	-	-	-	-
LED 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
LED 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 (Opal 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:
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.