

PB2Q DuraLED Bostonian Historic Post Top Luminaires



Project Information	
Project Name: _____	Fixture Type: _____
Complete Catalog #: _____	Date: _____
Comments: _____	

The DuraGuard PB2Q Bostonian Historic Post Top Luminaires are available in Type III and Type V distributions designed to replace HID lighting systems up to 250w 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 20 feet can be used based on light level and uniformity requirements.s.

SPECIFICATIONS AND FEATURES:

HOUSING:

Sand Cast Aluminum Housing, Includes Mounting Hardware. Decorative Spun Aluminum Cap. Finals Have Spun Aluminum Base with Cast Aluminum Fleur-De-Lis or Spear. Stamped and Formed Heavy Duty Aluminum Clamp Bands. Available as Standard Clamp Band, Deluxe Clamp Band with Decorative Band, or Premium Clamp Band with Decorative Band with Three Decorative Supports. Includes Black Oxide Mounting Hardware.

LISTING & RATINGS:

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

FINISH:

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

LENS:

LexaLite Lindy Prismatic Acrylic Globes, Type III or Type V, with 9" Neck.

MOUNTING OPTIONS:

Accommodates "P3" 2¼" O.D. x 3" Tenons

DURALED 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 DuraGuard Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

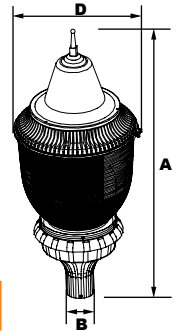
WARRANTY:

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



Dimensions

Diameter (D)	16¾" (416mm)
Height with Fleur-De-Lis (A)	40" (v)
Height with Spear (A)	39½" (1003mm)
Inner Diameter (B)	3¼" (79mm)
Outer Diameter (B)	3⁹⁄₁₆" (84mm)



DuraLED TECHNOLOGY

Complete Units
Ordering Information
Example: PB2P3FQF1X84U4KBSF

PB2 DuraLED Bostonian Historic Post Top Luminaires

Model	Globe	Finial	Optics	Wattage	Driver	CCT	Color	Options
	3=Type III 5=Type V	F=Fleur-de-lis S=Spear	QF=Type V	1X37=37w 1X65=65w 1X84=84w	U=120-277V H=347-480V	3K=3000K* 4K=4000K 5K=5000K *37w & 84w Only	B=Black C=Custom (Consult Factory)	

PB2S=Standard Bostonian Historic Post Top Luminaire
PB2D=Deluxe Bostonian Historic Post Top Luminaire
PB2P=Premium Bostonian Historic Post Top Luminaire

P2AB=PSRTN Tenon Adaptor, Black
P2AC=PSRTN Tenon Adaptor, Custom Color (Consult Factory)
SF=Single Fuse (120-277V Only)
DF=Double Fuse (120-277V Only)
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)



Specifications subject to change without notice.

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ACCESSORIES & REPLACEMENT PARTS:

Mounting Accessories (Order Separately, Field Installed)

PADAB	Dual Head Decorative Pole Arm, Aluminum with Black Powdercoat Finish, Fits 3" Tenon, Includes Stainless Steel Hardware. Accepts 3" Diameter Fitters. 13" High x 43" Overall Width.
PWASAB	Single Decorative Wall Mount Bracket, Aluminum with Black Powdercoat Finish, Includes Stainless Steel Hardware. Accepts 3" Diameter Fitters. 10" High x 15" Overall Length.
PFNR9	9" Neck Ring. Used to Prevent Neck Cracking Caused by Over-Tightening Screws During Installation.
PSRTN*	Retrofit Tenon Adaptor, Die Cast with Powdercoat Finish, Hardware Included. Converts a 2 3/4" x 4" Pole Tenon to a 2 1/2" x 3" Tenon.

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



PWASAB



PADAB



PFNR9



PSRTN

Replacement Parts (Order Separately, Field Installed)

PFINFDLB	Decorative Fleur-de-lis Finial with Spun Aluminum Base and Cast Aluminum Finial. Black Powdercoat Finish, 1/4" IP (1/2" OD) Threaded Mounting Rod.
PFINSPEB	Decorative Spear Finial with Spun Aluminum Base and Cast Aluminum Finial. Black Powdercoat Finish, 1/4" IP (1/2" OD) Threaded Mounting Rod.
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



PFINFDLB



PFINSPEB



P17117



P17123

EPA (EFFECTIVE PROJECTED AREA)

Model	Gross EPA	Drag EPA	Net EPA
PB2 Models w/ Fitter	2.44	1.22	1.59
PADAB Dual Arm	1.42	0.71	0.92

Gross EPA - Square Feet of Vertical Plane Surface

Drag EPA - Gross EPA Adjusted for Drag Factor (.5)

NET EPA - Drag EPA x Safety Factor of 1.3

EPAs ARE APPROXIMATE, SPECIFIC TO LOCATION AND LOCAL CODES. CONSULT ENGINEER FOR SPECIFIC APPLICATION

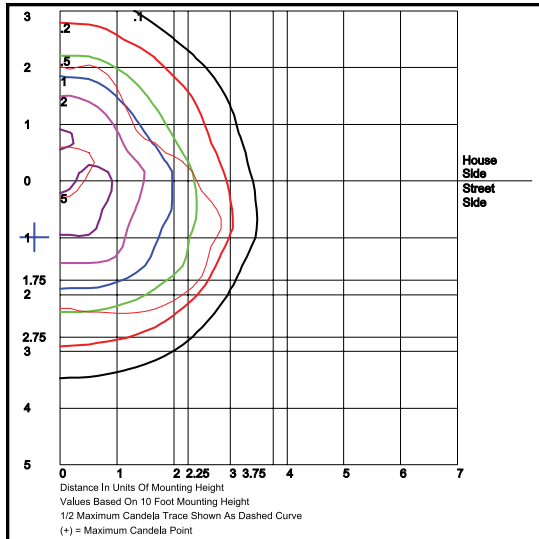
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PHOTOMETRIC PERFORMANCE

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI					4000 CCT 80 CRI				
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
DuraLED 84w	525	86	Type V (Standard PB2)	6,605	77	2	5	2	6,357	74	2	3	1
			Type III (Deluxe PB2)	5,914	69	2	4	2	5,411	63	2	3	2

PHOTOMETRIC DATA



PB2D3FQF1X84U4K
 Type III

Grid in MH
 MH=10 Feet