



# NHL-DPT

## LED Bostonian Historic Post Top Luminaires



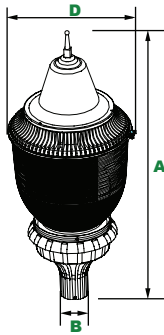
Premium with Fleur-de-lis Finial



Deluxe with Spear Finial



Standard with Spear Finial



### Dimensions

<b>Diameter (D)</b>	16 1/8" (416mm)
<b>Height with Fleur-De-Lis (A)</b>	40" (1016mm)
<b>Height with Spear (A)</b>	39 1/2" (1003mm)
<b>Inner Diameter (B)</b>	3 1/8" (79mm)
<b>Outer Diameter (B)</b>	3 9/16" (84mm)

The NHL-DPT 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.

### 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" 2 1/4" O.D. x 3" Tenons

#### 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.

#### Warranty:

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

### Order Information Example:

**NHL-DPTS-5-F-V-37-30K-UNV-B**

Model	Globe	Finial	Optics	Wattage	CCT	Voltage	Color	Options
<b>NHL-DPTS</b> =Standard Bostonian Historic Post Top Luminaire <b>NHL-DPTD</b> =Deluxe Bostonian Historic Post Top Luminaire <b>NHL-DPTP</b> =Premium Bostonian Historic Post Top Luminaire	<b>3</b> =Type III <b>5</b> =Type V	<b>F</b> =Fleur-de-lis <b>S</b> =Spear	<b>V</b> =Type V	<b>37</b> =37w <b>65</b> =65w <b>84</b> =84w	<b>30K</b> =3000K* <b>40K</b> =4000K <b>50K</b> =5000K  *37w & 84w Only	<b>UNV</b> =120-277V  <b>480V</b> =347-480V	<b>B</b> =Black <b>C</b> =Custom (Consult Factory)	<b>SF</b> =Single Fuse (120-277V Only) <b>DF</b> =Double Fuse (120-277V Only) <b>S2</b> =Microwave Sensor with Dimming for Mounting Heights of 8 to 40' (120-277V Only) <b>S4</b> =Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', (120-277V Only)

### Project Information:

Project Name: \_\_\_\_\_ Fixture Type: \_\_\_\_\_

Complete Catalog #: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_

### Certification & Listings:



Specifications subject to change without notice. Rev. 033020

### New Horizon Lighting

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9 Gladney Avenue  
Bayville, NJ 08721

[www.newhorizonlighting.com](http://www.newhorizonlighting.com)

New Horizon Lighting products reduce operating costs while delivering high efficiency lighting. NHL products are built in the USA and are available or through leading national distributors.

### Accessories & Replacement Parts:

#### Mounting Accessories (Order Separately, Field Installed)



PWASAB

PADAB

**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.



PFNR9



PFINFDLB



PFINSPEB



P17117



P17123

#### Replacement Parts (Order Separately, Field Installed)

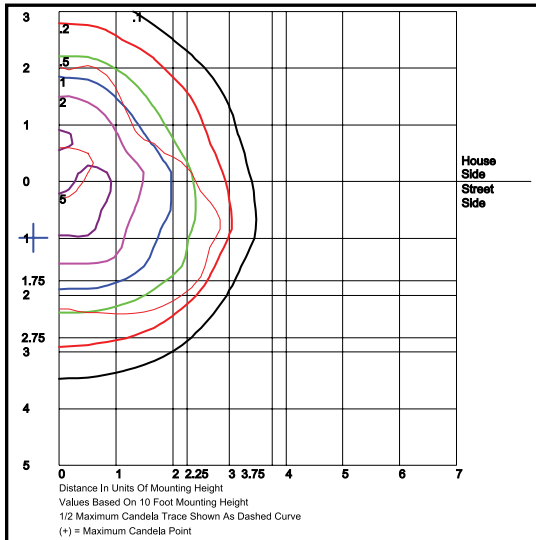
**PFINFDLB** Decorative Fleur-de-lis Finial with Spun Aluminum Base and Cast Aluminum Finial. Black Powdercoat Finish, 1/4" IP (1/2" OD) Threaded Mounting Rod.

**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

### Photometric Data



#### NHL-DPTD-3-F-V-84W-40K-UNV

Grid in MH  
MH=10 Feet

### EPA (Effective Projected Area)

Model	Gross EPA	Drag EPA	Net EPA
DPT Models w/ Filter	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

**EPA's ARE APPROXIMATE, SPECIFIC TO LOCATION AND LOCAL CODES. CONSULT ENGINEER FOR SPECIFIC APPLICATION**

### 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
LED 84w	525	86	Type V (Standard DPT)	6,605	77	2	5	2	6,357	74	2	4	2
			Type III (Deluxe DPT)	5,914	69	2	4	2	5,411	63	2	3	2

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