

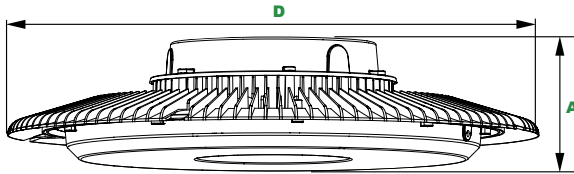


# NHL-PRSC

**L70**  
25°C

**362,000 Hours**

## Architectural Large Round Canopy



### Dimensions

<b>Diameter (D)</b>	26 3/4" (679mm)
<b>Height (A)</b>	6" (152mm)

### Order Information Example:

**NHL-PRSC-F-176W-50K-UNV-C-B-SP**

Model	Optics	Wattage	CCT	Voltage	Lens	Color	Options
<b>NHL-PRSC=</b> Large Round Canopy	<b>C</b> =Type III <b>F</b> =Type V	<b>100W</b> =100w <b>176W</b> =176w	<b>30K</b> =3000K* <b>40K</b> =4000K <b>50K</b> =5000K+  *176w Type V Only +176w Type III Coming Soon	<b>UNV</b> =120-277V <b>480</b> =347-480V	<b>C</b> =Clear Polycarbonate Array Lens <b>L</b> =SoftLED LumaLens Opal Polycarbonate Array Lens	<b>B</b> =Black <b>CC</b> =Custom (Consult Factory)	<b>SF</b> =Single Fuse <b>DF</b> =Double Fuse <b>SP</b> =Surge Protection <b>S2</b> =Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. (120-277V Only)

### Project Information:

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

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

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

### Certification & Listings:



The NHL-PRSC Architectural Large Round Canopy is available in Type III or V distributions with two lens options designed to replace HID lighting systems up to 1000w MH or HPS. Typical area lighting applications include retail centers, industrial parks, schools and universities, public transport and airports, office buildings and medical facilities. 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.

#### Listing & Ratings:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750; IP65

#### Finish:

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

#### Lens:

Clear Polycarbonate or SoftLED LumaLens Opal Polycarbonate Vandal-Resistant Array Lens to Seal LED Array

#### Mounting Options:

Included Easy-Hang Bracket Fits Standard 4" Electrical Box, Allowing One Person Installation.

#### Wattage:

100w Array: 100w, System: 108w; (150-250w HID Equivalent)  
176w Array: 176w, System: 190w; (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 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.

See Page 2 for Projected Lumen Maintenance Table.

Specifications subject to change without notice. Rev. 032119

### Accessories & Replacement Parts:



P17117

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

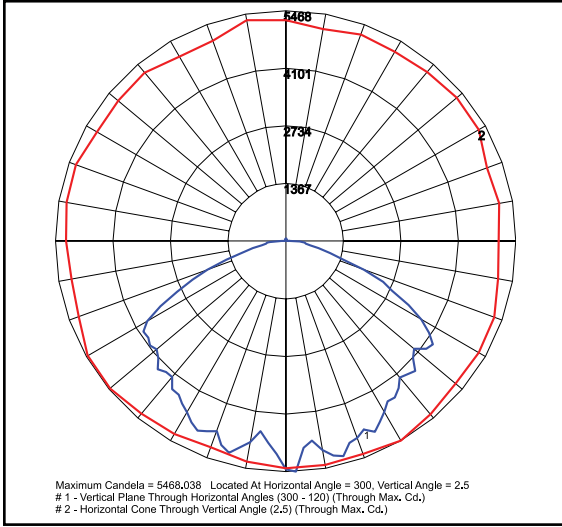
AS322S\* Spun Aluminum Shade with Powdercoat Finish, Hardware Included

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

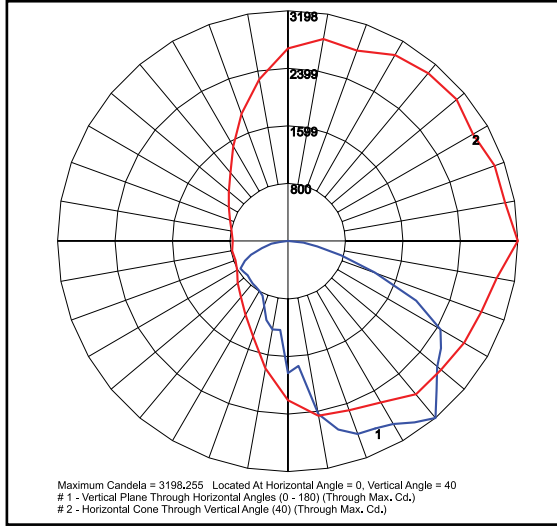
#### Replacement Parts (Order Separately, Field Installed)

P17117 Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. 120-277VAC, 50/60Hz

### Photometric Data



**NHL-PRSC-F-176W-50K-UNV-C**  
Clear Prismatic Lens



**NHL-PRSC-F-100W-50K-UNV-C**  
Clear Prismatic Lens

### Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	Spacing Criteria	5000 CCT 80 CRI		4000 CCT 80 CRI	
					Lumens	LPW	Lumens	LPW
LED 100w	525	108	Type III Clear	2.14	9,073	84	8,733	81
LED 176w		190	Type III Clear	2.14	15,969	84	15,370	81
			Type V Clear	1.24	17,360	91	16,188	85

### 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 L70@ 25°C
L70 Lumen Maintenance @ 25°C / 77°F	190	1.00	0.98	0.96	0.92	362,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C
L70 Lumen Maintenance @ 50°C / 122°F	190	1.00	0.96	0.92	0.84	183,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
L80 Lumen Maintenance @ 40°C / 104°F	190	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 525mA 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.

Specifications subject to change without notice. Rev. 041719