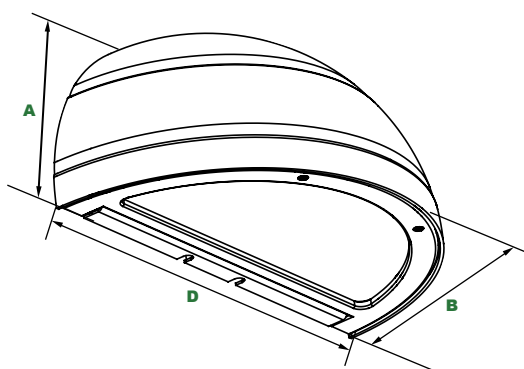


NHL-CS

Orion Wall Pack



Dimensions

Width (D)	18 1/8" (460mm)
Length (B)	9 1/16" (229mm)
Height (A)	9 9/16" (233mm)

Project Information:

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

The NHL-CS cut-off architectural wall luminaire is available with an IES Type III distribution designed to replace HID lighting systems from 150w to 250 MH or HPS. Typical wall mounted lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 12 to 20 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:

Die Cast Aluminum Housing with Full Cutoff Front Frame. Nickel-Plated Stainless Steel Hardware.

Listing & Ratings:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750; IP65 Sealed LED Compartment. Meets Dark Sky Requirements.

Finish:

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

Lens:

Tempered Clear Flat Glass Lens

Mounting Options:

Mount Directly Over a 4" Recessed Outlet Box, Includes Easy-Hang "Two Hands Free" Wall Mounting Bracket with Built-In Level.

LED Array:

Aluminum Boards

Wattage:

Array: 46.5w, System: 52w

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.

Warranty:

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

See Page 3 for Projected Lumen Maintenance Table.

Certification & Listings:



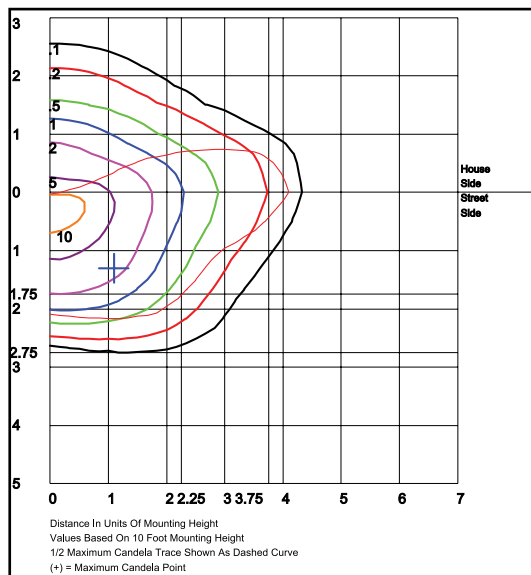
Order Information Example:
NHL-CS-47W-50K-UNV-Z-SP

NHL-CS							
Model	Optics	Wattage	CCT	Driver	Lens	Color	Options
NHL-CS= Orion Wall Sconce	C=Type III	47W=47w	30K=3000K 40K=4000K 50K=5000K	UNV=120-277V H=347-480V	C=Clear Flat Glass Lens	Z=Bronze CC=Custom (Consult Factory)	SF=Single Fuse* DF=Double Fuse* SP=Surge Protection EM=Battery Backup, 90 Minutes* CS=Cold Start Battery Backup, -20°C, 90 Minutes* *120-277V Models Only.

Accessories & Replacement Parts:
**Replacement Parts
(Order Separately, Field Installed)**

WPC36GLC Tempered Clear Flat Glass Lens.

For Replacement Battery Backup, see the LEPG LED Battery Backup Specification Sheet.

Photometric Data

NHL-CS-47W-50K-UNV-Z-SP
Type III

Grid in MH

MH=16 Feet



NHL-CS

L70
25°C

393,000 Hours

Orion Wall Pack

Photometric Performance

Wattage (Catalog Logic)		47W (1X47)
Input Watts		52W
Optic	CCT	Delivered Lumens
C = Type III	3000K	4,552
	4000K	4,736
	5000K	4,921
	BUG Rating	B1-U1-G1

Projected Lumen Maintenance

Data shown for 5000 CCT TM-21-11	Input Watts	Compare to MH				Calculated LED Life
		Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	
L70 Lumen Maintenance @ 25°C / 77°F	52	1.00	0.98	0.96	0.92	393,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.97	0.93	0.86	219,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.97	0.94	0.89	180,000

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.