The NHL-GNVP53 Vaporproof Gooseneck LEDlight luminaire is available with 5 Gooseneck arms of various lengths and is designed to replace HID lighting systems up to 175w MH or HPS. This vapor resistant fixture can withstand extreme physical and environmental abuse and is ideal for retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Designed for architectural wall mounting up to heights of 20 feet based on light level and uniformity requirements.

**VP53Q Specifications and Features:**

**Housing:**
Heavy Duty Die Cast Aluminum Housing with Integral Heat Sinking, ¾" NPS Threaded Mount.

**Listing & Ratings:**
CSA: Listed for Wet Locations, ANSI/UL 1598, 8750
IP66 Sealed LED Compartment.

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

**Lens:**
Flat Clear Tempered Glass Lens

**Mounting:**
Fixed Mount or Adjustable Swivel with ¾" NPS Threads.

**EasyLED LED:**
Aluminum Boards

**Wattage:**
Array: 23w, System: 27w (175w HID Equivalent)

**Driver:**
Electronic Driver, 120-277V, 50/60Hz, Less Than 20% THD and PF=0.90, Standard Internal Surge Protection 2kV, 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 +50°C Environment.

See Page 3 for Projected Lumen Maintenance Table.

---

**Order Information Example:**

<table>
<thead>
<tr>
<th>Model</th>
<th>Options</th>
<th>Wattage</th>
<th>CCT</th>
<th>Voltage</th>
<th>Color</th>
<th>Mounting</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>NHL-GNVP53</td>
<td>F= Type V</td>
<td>23W=23w</td>
<td>40K=4000K</td>
<td>120-277V</td>
<td>B=Black, RAL 9011</td>
<td>GNF=Fixed Downlight, Includes 72&quot; of Wire for Arm Feed Through to Wall Box</td>
<td>SF=Single Fuse</td>
</tr>
</tbody>
</table>

**Select Arm**

**Gooseneck Arm Specifications and Features:**

**Construction:**
Heavy-Duty 5⁄8" Aluminum Arms with ¾" NPS Threads on Fixture Mounting End.

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

**Mounting Options:**
Mount with ¾" Square or Round Mounting Plates.
**Gooseneck LED Lights**

**NHL-GNVP53** Vaporproof with Gooseneck Arm

### Wall Plate Dimensions

- **GNRMP3** Round Wall Mount Plate, Powdercoat Finish.
- **GNSMP3** Square Ovenized Wall Mount Plate, Powdercoat Finish.

*Specify Color: B=Black, P=Platinum, R=Red, W=White, C=Custom (Consult Factory)*

### VP53Q Dimensions

![VP53Q Dimensions Diagram]

### Gooseneck Dimensions

- **GNA01336P Classic Hook**
- **GNA02330P Straight**
- **GNA03330P Straight Offset**
- **GNA04330P Straight Rise**
- **GNA05336P Round Hook**

**New Horizon Lighting**

P 732.833.8086 | F 732.833.8085
9 Gladney Avenue
Bayville, New Jersey 08782

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.

Specifications subject to change without notice.  Rev. 101717
Photometric Data

Photometric Performance

### Projected Lumen Maintenance

<table>
<thead>
<tr>
<th>LED Board Watts</th>
<th>Drive Current (mA)</th>
<th>Input Watts</th>
<th>Optics</th>
<th>Lumens</th>
<th>LPW</th>
<th>B</th>
<th>U</th>
<th>G</th>
<th>Lumens</th>
<th>LPW</th>
<th>B</th>
<th>U</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED 23w</td>
<td>116</td>
<td>27</td>
<td>Type V</td>
<td>3,385</td>
<td>125</td>
<td>2</td>
<td>2</td>
<td>0</td>
<td>3,097</td>
<td>115</td>
<td>1</td>
<td>2</td>
<td>0</td>
</tr>
</tbody>
</table>

Data shown for 5000 CCT

- **L70 Lumen Maintenance @ 25°C / 77°F**
  - Input Watts: 27 |
  - Initial: 1.00 |
  - 25,000 Hrs: 0.96 |
  - 50,000 Hrs: 0.92 |
  - 100,000 Hrs: 0.84 |
  - Calculated L70@ 25°C: 187,000

- **L70 Lumen Maintenance @ 50°C / 122°F**
  - Input Watts: 27 |
  - Initial: 1.00 |
  - 25,000 Hrs: 0.93 |
  - 50,000 Hrs: 0.86 |
  - 100,000 Hrs: 0.72 |
  - Calculated L70@ 50°C: 107,000

- **L80 Lumen Maintenance @ 40°C / 104°F**
  - Input Watts: 27 |
  - Initial: 1.00 |
  - 25,000 Hrs: 0.94 |
  - 50,000 Hrs: 0.88 |
  - 100,000 Hrs: 0.76 |
  - Calculated L80@ 40°C: 82,000

### Notes:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 116mA 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.