Gooseneck LEDlights

NHL-GNVP53AS

The NHL-GNVP53AS Vaporproof Gooseneck Angled Shade 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.

**GNVP53AS Specifications and Features:**

**Housing:** Heavy-Duty Die Cast Aluminum Housing with Integral Heat Sinking. ½” NPS Threaded Mount.

**Listing & Ratings:**
- CSA: Listed for Wet Locations, ANSI/JUL, 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 ½” 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>0.9. 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.

**Gooseneck Arm Specifications and Features:**

**Construction:**
- Heavy-Duty ½” Aluminum Arms with ½” NPS Threads on Fixture Mounting End.

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

**Mounting Options:**
- Mount with ½” Square or Round Mounting Plates.

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**Step 1:**

Order Information Example:

<table>
<thead>
<tr>
<th>Model</th>
<th>Options</th>
<th>Wattage</th>
<th>CCT</th>
<th>Voltage</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>NHL-GNVP53AS</td>
<td>F</td>
<td>23w</td>
<td>50K</td>
<td>120V</td>
<td>277V</td>
</tr>
<tr>
<td>NHL-GNVP53AS-</td>
<td>F</td>
<td>23w</td>
<td>50K</td>
<td>120V</td>
<td>277V</td>
</tr>
<tr>
<td>Pendant Mount</td>
<td>F</td>
<td>23w</td>
<td>50K</td>
<td>120V</td>
<td>277V</td>
</tr>
<tr>
<td>VP53Q</td>
<td>F</td>
<td>23w</td>
<td>50K</td>
<td>120V</td>
<td>277V</td>
</tr>
</tbody>
</table>

**Step 2:**

Select Arm

Order Information Example:

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Color</th>
<th>Mounting</th>
</tr>
</thead>
<tbody>
<tr>
<td>GNA013 - Classic Hook</td>
<td>30” 6”</td>
<td>Black, RAL9001</td>
<td>S=Square Oversized Wall Mount</td>
</tr>
<tr>
<td>GNA023 - Straight</td>
<td>30” 6”</td>
<td>Red, RAL9002</td>
<td>S=Square Oversized Wall Mount</td>
</tr>
<tr>
<td>GNA033 - Straight Offset</td>
<td>30” 6”</td>
<td>White, RAL9016</td>
<td>S=Square Oversized Wall Mount</td>
</tr>
<tr>
<td>GNA043 - Straight Rise</td>
<td>30” 6”</td>
<td>Custom (Consult Factory)</td>
<td>S=Square Oversized Wall Mount</td>
</tr>
<tr>
<td>GNA053 - Round Hook</td>
<td>30” 6”</td>
<td>Custom (Consult Factory)</td>
<td>S=Square Oversized Wall Mount</td>
</tr>
</tbody>
</table>

**Step 3:**

Select Shade

Order Information Example:

<table>
<thead>
<tr>
<th>Model</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>VS30A =Angled Shade</td>
<td>W=White, RAL9016</td>
</tr>
</tbody>
</table>
Gooseneck LEDlights

Accessories & Replacement Parts

VP53Q Dimensions

Wall Plate Dimensions

Replacement Parts
(Order separately, Field installed)

VP30A®
Angled Aluminum Shade, Powdercoat Finish

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

Replacement Wall Plates
(Order separately, Field installed)

GNRMP3®
Round Wall Mount Plate, Powdercoat Finish.

GNSMP3®
Square Oversized Wall Mount Plate, Powdercoat Finish.

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

Gooseneck Dimensions

GNA01336P Classic Hook

GNA03330P Straight Offset

GNA04330P Straight Rise

GNA05336P Round Hook

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.

New Horizon Lighting
P 732.833.8086  F 732.833.8085
9 Glandey Avenue
Bayville, New Jersey 08721

www.newhorizonlighting.com
Photometric Performance

<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>G</th>
<th>Lumens</th>
<th>LPW</th>
<th>B</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED 23w</td>
<td>116</td>
<td>27</td>
<td>Type V</td>
<td>2,741</td>
<td>102</td>
<td>1</td>
<td>3</td>
<td>2</td>
<td>2,508</td>
<td>93</td>
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</table>

Projected Lumen Maintenance

<table>
<thead>
<tr>
<th>Data shown for 5000 CCT</th>
<th>Input Watts</th>
<th>Initial</th>
<th>Compare to MH</th>
<th>25,000 Hrs</th>
<th>50,000 Hrs</th>
<th>100,000 Hrs</th>
<th>Calculated L70@ 25°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>L70 Lumen Maintenance @ 25°C / 77°F</td>
<td>27</td>
<td>1.00</td>
<td>0.96</td>
<td>0.92</td>
<td>0.84</td>
<td>187,000</td>
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<tr>
<td>TM-21-11</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L70 Lumen Maintenance @ 50°C / 122°F</td>
<td>27</td>
<td>1.00</td>
<td>0.93</td>
<td>0.86</td>
<td>0.72</td>
<td>107,000</td>
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<tr>
<td>TM-21-11</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L80 Lumen Maintenance @ 40°C / 104°F</td>
<td>27</td>
<td>1.00</td>
<td>0.94</td>
<td>0.88</td>
<td>0.76</td>
<td>82,000</td>
<td></td>
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</tbody>
</table>

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.