# **GNLED13NB**



13W

4000K

86 CRI

100000

664 44 LPW



## **Technical Specifications**

# Listings

**UL Listing:** 

Suitable for wet locations. Suitable for mounting within 1.2m (4ft) of the ground.

## IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.

### Construction

### **Component Only:**

This is a component for ordering LED Goosenecks. Not a complete fixture without Shade and Arm.

### **Thermal Management:**

Custom heat sink assembly in thermal contact with die-cast aluminum housing for superior heat sinking.

### Housing:

Precision die-cast aluminum housing, lens frame and mounting plate.

### Gaskets:

High Temperature Silicone.

## Mounting:

Heavy-duty mounting arm with "O" ring seal and stainless steel screw.

### Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals. Offers significantly improved gloss retention and resistance to color change.

### Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

**Project:** 

**Driver Info** 

Type:

120V:

208V:

240V:

277V:

Input Watts:

Efficiency:

Prepared By:

## **Ambient Temperature:**

Suitable for use in 40°C ambient temperatures.

## **LED Characteristics**

#### Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

## LED:

4000K

Single multi-chip, 13W high-output, long-life LED Driver Constant Current.

### **Color Consistency:**

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

## Correlated Color Temp. (Nominal CCT):

## Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

## **Color Uniformity:**

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011.

#### Electrical

Surge Protection:

4kv

Constant Current

0.3A

0.3A

0.3A

0.15A

15W

85%

## Other

### Equivalency:

The GNLED13 is equivalent in delivered lumens to 75W incandescent, 50W MH or 18W CFL.

Type:

Date:

LED Info

Color Temp:

Color Accuracy:

L70 Lifespan:

Lumens:

Efficacy:

Watts

## California Title 24:

Goosenecks complies with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole-mounted fixture < 30 Watts when used with a photosensor control. Select catalog number PCS900(120V) or PCS900/277 to order a photosensor

## Patents:

The design of the Gooseneck is protected by patents pending in US, Canada, China and Taiwan.

## Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

## Country of Origin:

Designed by RAB in New Jersey and assembled in Taiwan.

## Trade Agreements Act Compliant:

This product is a product of Taiwan and a "designated country" end product that complies with the Trade Agreements Act.

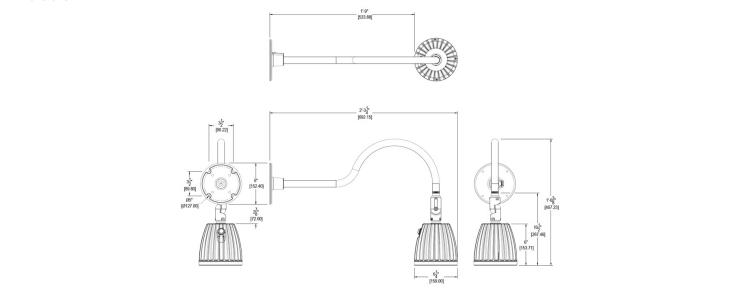
### **GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

# **GNLED13NB**



# Dimensions



# **Ordering Matrix**

Family	Watts	Color Temp	Reflector	Finish
GNLED	13	Ν		В
	<b>13</b> = 13W	<b>Y</b> = 3000K (Warm)	Blank = Flood	B = Black
	<b>26</b> = 26W	<b>N</b> = 4000K (Neutral)	R = Rectangular	W = White
			<b>S</b> = Spot	A = Bronze
				S = Silver
				G = Hunter Green
				YL = Yellow
				LB = Light Blue
				BL = Royal Blue
				BWN = Brown
				I = Ivory
				R = Red