# **GNLED13NSB**





LED Gooseneck Head available in 13W or 26W.

Color: Black

Weight: 5.0 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info		
Type:	Constant Current	Watts:	13W	
120V:	0.3A	Color Temp:	4000K	
208V:	0.3A	Color Accuracy:	87 CRI	
240V:	0.3A	L70 Lifespan:	100000	
277V:	0.15A	Lumens:	664	
Input Watts:	15W	Efficacy:	44 LPW	
Efficiency:	85%			

# **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.

# **Cold Weather Starting:**

The minimum starting temperature is -40°C/-40°F

## 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.

#### **LED Characteristics**

#### Lifespan

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

#### **LED**

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

## Correlated Color Temp. (Nominal CCT):

4000K

## Color Consistency:

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

## 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

## Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz, 100-240VAC 0.3 - 0.15A, 277VAC 0.15A, THD  $\leq$ 20%, PF 97.5%.

# **Surge Protection:**

4kv

#### Other

## Equivalency:

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

#### 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.

## Warrantv:

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 the USA by RAB's IBEW Local 3 workers.

## **Buy American Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

## Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

## **Trade Agreements Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

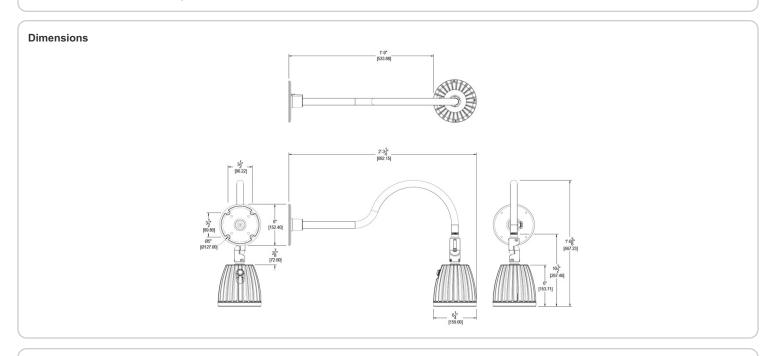


# **Technical Specifications (continued)**

Other

**GSA Schedule:** 

Suitable in accordance with FAR Subpart 25.4.



dering Matrix				
Family	Watts	Color Temp	Reflector	Finish
GNLED	13	N	S	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
				<b>LB</b> = Light Blue
				<b>BL</b> = Royal Blue
				<b>BWN</b> = Brown
				I = Ivory
				R = Red