



|                     |              |
|---------------------|--------------|
| <b>Project:</b>     | <b>Type:</b> |
| <b>Prepared By:</b> | <b>Date:</b> |

| Driver Info  |                  | LED Info        |        |
|--------------|------------------|-----------------|--------|
| Type:        | Constant Current | Watts:          | 13W    |
| 120V:        | 0.3A             | Color Temp:     | 3000K  |
| 208V:        | 0.3A             | Color Accuracy: | 84 CRI |
| 240V:        | 0.3A             | L70 Lifespan:   | 100000 |
| 277V:        | 0.15A            | Lumens:         | 523    |
| Input Watts: | 15W              | Efficacy:       | 34 LPW |
| Efficiency:  | 85%              |                 |        |

## Technical Specifications

### LED Characteristics

#### Color Accuracy (CRI):

CRI can change due to the fixture color. Please contact the RAB Lighting Design department for more details.

#### 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):

3000K

#### Color Stability:

LED color temperature is warranted 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.

### 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.

### Sensor Characteristics

#### Lead Time:

3 weeks expedited shipping. 6 weeks standard shipping.

### Construction

#### Fixture:

The GN2LED13YRADYL comes with the GOOSE2YL 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°F/-40°C

#### 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.

### Electrical

#### Driver:

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

### Surge Protection:

4kv

### Other

#### Shades:

15" Angled Dome Shade offered.

#### 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.

#### 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. See our full warranty

#### 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.

## Technical Specifications (continued)

### Other

#### GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

### Dimensions



### Features

- Adjustable 45° swivel joint
- Superior heat sink
- Die-cast aluminum housing
- 5 year LED warranty

### Ordering Matrix

| Family | Watts                | Color Temp                              | Reflector                                    | Shade            | ShadeSize               | Finish   |
|--------|----------------------|---|--|------------------|-------------------------|--|
| GN2LED | 13                   | Y                                       | R  | AD               |                         | YL   |
|        | 13 = 13W<br>26 = 26W | Y = 3000K (Warm)<br>N = 4000K (Neutral) | Blank = Flood<br>R = Rectangular<br>S = Spot | AD = Angled Dome | 11 = 11"<br>Blank = 15" | B = Black<br>W = White<br>A = Bronze<br>S = Silver<br>G = Hunter Green<br>YL = Yellow<br>LB = Light Blue<br>BL = Royal Blue<br>BWN = Brown<br>I = Ivory<br>R = Red |