

# GOOSENECK

14" Straight & Angled - GN

|            |  |
|------------|--|
| Project:   |  |
| Type:      |  |
| Catalog #: |  |

## STANDARD



## FEATURES

- Available in 3000k (warm white) color temperature.\*
- Long-life LEDs provide at least 70% of initial lumen output ( $L_{70}$ ) for  $\geq 174,000$  hours of operation, and at least 90% of initial lumen output ( $L_{90}$ ) for  $\geq 51,000$  hours of operation.\*\*
- LED chromaticity based on  $\leq 6$ -step ANSI quadrangles.
- LED color maintenance  $\leq 0.001$  chromaticity shift ( $\Delta u'v'$ ) over the initial 6,000 hours of operation.
- 2,300 nominal lumens.
- 20 nominal watts.
- 0-10vdc dimming drivers, which provide 10% continuous dimming are standard.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- Power factor  $> 0.90$ .
- Total harmonic distortion  $< 20\%$ .
- Color rendering index ( $R_a$ )  $> 80$ . Red color rendering of at least 3.
- Aluminum housing with choice of dark bronze or white powder coat finish.
- Straight (GN14S) or angled (GN14A) housings.
- Glass lens.
- Easy installation in new construction or retrofit applications.

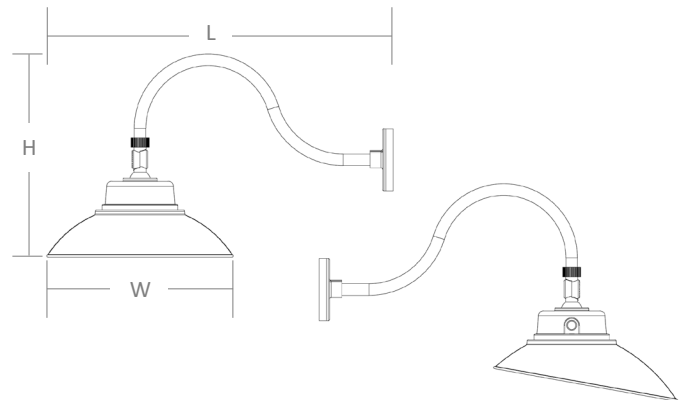
\* Contact factory for other color temperatures and lumen packages.  
\*\*  $L_{70}$  &  $L_{90}$  hours are IES TM-21-11 calculated hours.



## WARRANTY & LISTINGS

- cULus listed for wet locations in ambient temperatures from  $-40^{\circ}\text{C}$  to  $50^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$  to  $122^{\circ}\text{F}$ ).
- IP66 rated for ingress protection.
- DLC 5.1 premium approved.
- Complies with FCC Part 15, Class B.
- Surge immunity protection (2.5kV).
- RoHS compliant.
- 5-year warranty of all electronics and housing.

## DIMENSIONS



| Model | Length | Width | Height | Weight   |
|-------|--------|-------|--------|----------|
| GN14S | 23"    | 14"   | 14.5"  | 3.7 lbs. |
| GN14A | 23"    | 14"   | 15.5"  | 3.7 lbs. |

## ORDERING INFORMATION

Example: GN14A-23L-3K-WHT

| Model | Nominal Lumen Output |     | Color Temperature |    | Housing Color |       |
|-------|----------------------|-----|-------------------|----|---------------|-------|
|       | GN14S                | 23L | 2,300             | 3K | 3000k         | BZ    |
| GN14A |                      |     |                   |    | WHT           | White |

Phone number 888-953-EXIT (3948)

## ELECTRICAL DATA

| Model            | CCT   | CRI <sup>1</sup> | Luminaire Lumens | Luminaire Watts | Lumens Per Watt | Input Voltage | Input Current (A) |      |      | Power Factor | THD <sup>2</sup> | L <sub>70</sub> Hours <sup>3</sup> |
|------------------|-------|------------------|------------------|-----------------|-----------------|---------------|-------------------|------|------|--------------|------------------|------------------------------------|
|                  |       |                  |                  |                 |                 |               | 120V              | 240V | 277V |              |                  |                                    |
| GN14S-23L-3K-BZ  | 3000k | > 80             | 2,295            | 19              | 120             | 120-277       | 0.16              | 0.08 | 0.07 | > 90%        | < 20%            | 174,000                            |
| GN14S-23L-3K-WHT | 3000k | > 80             | 2,295            | 19              | 120             | 120-277       | 0.16              | 0.08 | 0.07 | > 90%        | < 20%            | 174,000                            |
| GN14A-23L-3K-BZ  | 3000k | > 80             | 2,329            | 19              | 122             | 120-277       | 0.16              | 0.08 | 0.07 | > 90%        | < 20%            | 174,000                            |
| GN14A-23L-3K-WHT | 3000k | > 80             | 2,329            | 19              | 122             | 120-277       | 0.16              | 0.08 | 0.07 | > 90%        | < 20%            | 174,000                            |

<sup>1</sup> Color rendering index

<sup>2</sup> Total harmonic distortion

<sup>3</sup> L<sub>70</sub> refers to the number of hours at which lumen output declines to 70% of the initial level. L<sub>70</sub> hours are IES TM-21-11 calculated hours.

## PHOTOMETRIC DATA

### GN14S-23L-3K-xx

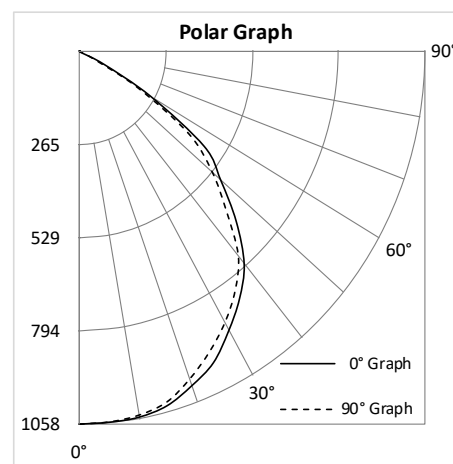
#### Luminaire Data

|                             |                                |
|-----------------------------|--------------------------------|
| Description                 | Gooseneck (straight) - 23L, 3K |
| Total Lumens                | 2,295                          |
| Input Wattage               | 19                             |
| Efficacy (lm/W)             | 120                            |
| Max. Cd.                    | 1065.79 (315H, 4V)             |
| IES Classification          | Type VS                        |
| Longitudinal Classification | Very Short                     |

#### Luminaire Classification Systems (LCS)

| LCS Zone     | Lumens  | %Lum         |               |
|--------------|---------|--------------|---------------|
| FL           | 0-30    | 420          | 18.3%         |
| FM           | 30-60   | 717          | 31.2%         |
| FH           | 60-80   | 45           | 2.0%          |
| FVH          | 80-90   | 1            | 0.1%          |
| BL           | 0-30    | 411          | 17.9%         |
| BM           | 30-60   | 660          | 28.8%         |
| BH           | 60-80   | 25           | 1.1%          |
| BVH          | 80-90   | 1            | 0.0%          |
| UL           | 90-100  | 2            | 0.1%          |
| UH           | 100-180 | 13           | 0.6%          |
| <b>Total</b> |         | <b>2,295</b> | <b>100.0%</b> |

BUG Rating: B1-U2-G0



### GN14A-23L-3K-xx

#### Luminaire Data

|                             |                            |
|-----------------------------|----------------------------|
| Description                 | Gooseneck (angled) 23L, 3K |
| Total Lumens                | 2,329                      |
| Input Wattage               | 19                         |
| Efficacy (lm/W)             | 122                        |
| Max. Cd.                    | 955.72 (135H, 2V)          |
| IES Classification          | Type VS                    |
| Longitudinal Classification | Very Short                 |

#### Luminaire Classification Systems (LCS)

| LCS Zone     | Lumens  | %Lum         |               |
|--------------|---------|--------------|---------------|
| FL           | 0-30    | 376          | 16.1%         |
| FM           | 30-60   | 697          | 29.9%         |
| FH           | 60-80   | 94           | 4.0%          |
| FVH          | 80-90   | 1            | 0.0%          |
| BL           | 0-30    | 368          | 15.8%         |
| BM           | 30-60   | 658          | 28.3%         |
| BH           | 60-80   | 121          | 5.2%          |
| BVH          | 80-90   | 1            | 0.1%          |
| UL           | 90-100  | 2            | 0.1%          |
| UH           | 100-180 | 12           | 0.5%          |
| <b>Total</b> |         | <b>2,329</b> | <b>100.0%</b> |

BUG Rating: B1-U2-G0

