

Field-Adjustable Gooseneck

RAB

GOOSENECK



PROJECT: _____

DATE: _____

TYPE: _____

PREPARED BY: _____



Field-Adjustable Gooseneck w/Decorative Arm and Shade Options



KEY FEATURES

- Gooseneck with three **selectable** wattages 25/20/15W (Default **25W**)
- **Adjustable CCT:** 2500/3000/3500/4000/5000K (Default **4000K**)
- Three **shade options:** Angled cone, angled dome and straight shade
- Four **arm options:** GSARM1,GSARM2, GSARM3 with round base and GSARM4 with oval base
- Head can be rotated **360°** and tilted **180°** in **15°** increments
- Standard on/off, dusk-to-dawn **photocell** included
- **Clear** and **frosted** lens options
- **IP65** rated
- 5-year limited warranty

PERFORMANCE

Catalog Number	Wattage	Input Wattage	Lumens	Efficacy	Color Temperature	L70 Lifespan	Voltage
GN1AD / GN2AD / GN3AD / GN4AD	25/20/15W	25W-15.7W	2,183 - 3,539	130.9 - 148.0	Field adjustable 2700/3000/3500/4000/5000K	100,000 Hrs	120-277V
GN1FAD / GN2FAD / GN3FAD / GN4FAD		24.9W - 15.6W	1,611 - 2,610	97.4 - 110.3			
GN1ST / GN2ST / GN3ST / GN4ST		25.1W - 15.7W	2,364 - 3,826	141.8 - 160.1			
GN1FST / GN2FST / GN3FST / GN4FST		24.9W - 15.6W	1,735 - 2,819	105.3 - 118.7			
GN1AC / GN2AC / GN3AC / GN4AC		25.1W - 15.8W	2,112 - 3,435	127 - 142.8			
GN1FAC / GN2FAC / GN3FAC / GN4FAC		24.9W - 15.5W	1,569 - 2,557	95.1 - 108.1			

Field-Adjustable Gooseneck



PHOTOMETRIC

GN1AD	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Wattage	25W					20W					15W				
Input Watts	25.0W	24.9W	24.4W	25.1W	24.9W	20.9W	20.8W	20.4W	21.0W	20.8W	16.1W	16.0W	15.7W	16.2W	16.0W
Lumens	3,273	3,347	3,483	3,539	3,533	2,786	2,849	2,965	3,012	3,007	2,183	2,232	2,323	2,360	2,356
Efficacy	130.9	134.4	142.7	141.0	141.9	133.3	137.0	145.3	143.4	144.6	135.6	139.5	148.0	145.7	147.3
CRI	82	84	85	86	84	82	84	85	86	84	82	84	85	86	84
Voltage Rating	120-277V														

GN1FAD	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Wattage	25W					20W					15W				
Input Watts	24.7W	24.5W	24.2W	24.9W	24.6W	20.6W	20.4W	20.2W	20.8W	20.5W	15.9W	15.8W	15.6W	16.0W	15.8W
Lumens	2,407	2,458	2,572	2,610	2,592	2,051	2,094	2,192	2,224	2,209	1,611	1,645	1,721	1,747	1,735
Efficacy	97.4	100.3	106.3	104.8	105.4	99.6	102.6	108.5	106.9	107.8	101.3	104.1	110.3	109.2	109.8
CRI	82	84	86	86	84	82	84	86	86	84	82	84	86	86	84
Voltage Rating	120-277V														

GN1ST	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Wattage	25W					20W					15W				
Input Watts	25.0W	24.9W	24.4W	25.1W	24.9W	20.9W	20.8W	20.4W	21.0W	20.8W	16.1W	16.0W	15.7W	16.2W	16.0W
Lumens	3,544	3,622	3,769	3,826	3,823	3,021	3,087	3,213	3,261	3,259	2,364	2,416	2,514	2,552	2,550
Efficacy	141.8	145.5	154.5	152.4	153.5	144.5	148.4	157.5	155.3	156.7	146.8	151.0	160.1	157.5	159.4
CRI	82	84	85	86	83	82	84	85	86	83	82	84	85	86	83
Voltage Rating	120-277V														

GN1FST	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Wattage	25W					20W					15W				
Input Watts	24.7W	24.6W	24.2W	24.9W	24.6W	20.6W	20.5W	20.2W	20.8W	20.5W	15.9W	15.8W	15.6W	16.0W	15.8W
Lumens	2,600	2,661	2,775	2,819	2,797	2,211	2,263	2,360	2,397	2,379	1,735	1,776	1,852	1,881	1,866
Efficacy	105.3	108.2	114.7	113.2	113.7	107.3	110.4	116.8	115.2	116.0	109.1	112.4	118.7	117.6	118.1
CRI	82	84	85	86	83	82	84	85	86	83	82	84	85	86	83
Voltage Rating	120-277V														

GN1AC	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Wattage	25W					20W					15W				
Input Watts	25.0W	24.9W	24.5W	25.1W	24.9W	20.9W	20.8W	20.5W	21.0W	20.8W	16.1W	16.0W	15.8W	16.2W	16.0W
Lumens	3,175	3,252	3,393	3,435	3,433	2,705	2,771	2,891	2,927	2,925	2,112	2,163	2,257	2,285	2,284
Efficacy	127.0	130.6	138.5	136.9	137.9	129.4	133.2	141.0	139.4	140.6	131.2	135.2	142.8	141.0	142.8
CRI	83	84	86	86	84	83	84	86	86	84	83	84	86	86	84
Voltage Rating	120-277V														

GN1FAC	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Wattage	25W					20W					15W				
Input Watts	24.8W	24.6W	24.2W	24.9W	24.7W	20.7W	20.5W	20.2W	20.8W	20.6W	15.9W	15.8W	15.5W	16.0W	15.8W
Lumens	2,359	2,412	2,518	2,557	2,554	2,008	2,053	2,143	2,177	2,174	1,569	1,604	1,675	1,701	1,699
Efficacy	95.1	98.1	104.1	102.7	103.4	97.0	100.1	106.1	104.7	105.5	98.7	101.5	108.1	106.3	107.5
CRI	83	84	86	86	84	83	84	86	86	84	83	84	86	86	84
Voltage Rating	120-277V														

TECHNICAL SPECIFICATIONS (cont'd)

COMPLIANCE

Listings

UL Listed

Environment

Suitable for use in wet locations

IP Rating

Ingress protection rating of IP65 for dust and water

DLC Listed

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

Note: Models with frosted lens does not meet DLC qualification.

LED CHARACTERISTICS

LEDs

Long-life, high-efficacy, surface-mount LEDs

Color Temperature

Field adjustable: 2700/3000/3500/4000/5000K

Default: 4000K

IESNA LM-79 & LM80 Testing

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Color Uniformity

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2024.

CONSTRUCTION

Cold Weather Starting

Minimum starting temperature is -40°F (-40°C)

Maximum Ambient Temperature

Suitable for use in up to 122°F (50°C)

Housing

Die-cast aluminum housing

Mounting

Wall mount with decorative arm

Lens

Clear polycarbonate or optional frosted polycarbonate

Gasket

O-ring silicone

Green Technology

Mercury and UV free. RoHs-compliant components.

Finish

Formulated for high durability and long lasting color.

ELECTRICAL

Constant Current, Class 1, 120-277V, 50/60Hz

25W: 0.21A @120V, 0.12A @208V, 0.11A @277V, 0.10A @277V

20W: 0.17A @120V, 0.10A @208V, 0.09A @277V, 0.08A @277V

15W: 0.13A @120V, 0.18A @208V, 0.07A @277V, 0.06A @277V

Dimming Driver

Driver includes dimming control wiring for 0-10V dimming systems.

Requires separate 0-10V DC dimming circuit. Dims down to 10%.

Photocell

Integrated photocell included with on/off switch

Surge Protection

4 kV L-N 2kV L/N-G

THD

GN1AD: 4.41% at 120V, 7.51% at 277V

GN1FAD: 4.49% at 120V, 7.44% at 277V

GN1ST: 4.31% at 120V, 7.61% at 277V

GN1FST: 4.31% at 120V, 7.61% at 277V

GN1AC: 4.31% at 120V, 7.64% at 277V

GN1FAC: 4.43% at 120V, 7.44% at 277V

Power Factor

GN1AD: 99.3% at 120V, 93.2% at 277V

GN1FAD: 99.3% at 120V, 92.9% at 277V

GN1ST: 99.4% at 120V, 93.0% at 277V

GN1FST: 99.4% at 120V, 92.9% at 277V

GN1AC: 99.4% at 120V, 93.1% at 277V

GN1FAC: 99.3% at 120V, 93.0% at 277V

OTHER

Warranty

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Lifespan

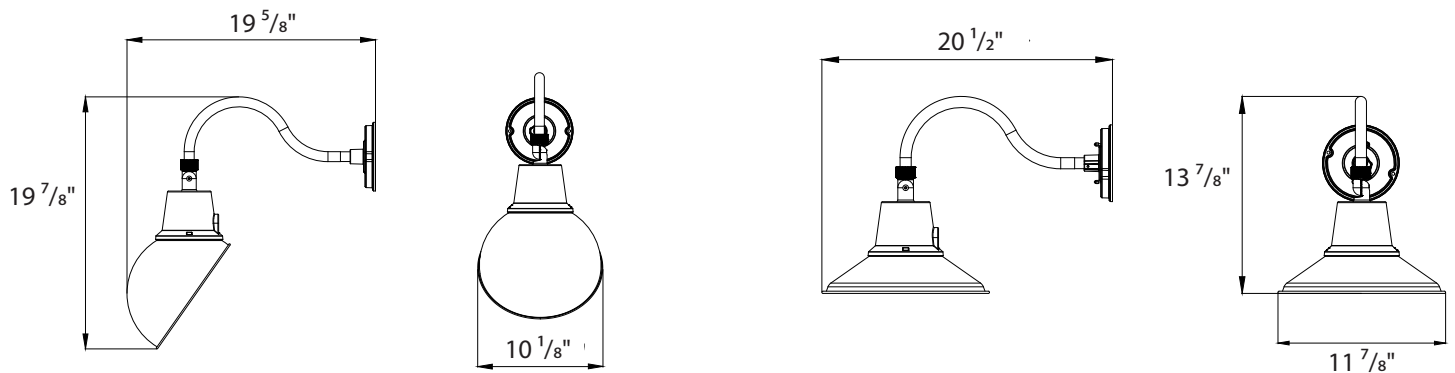
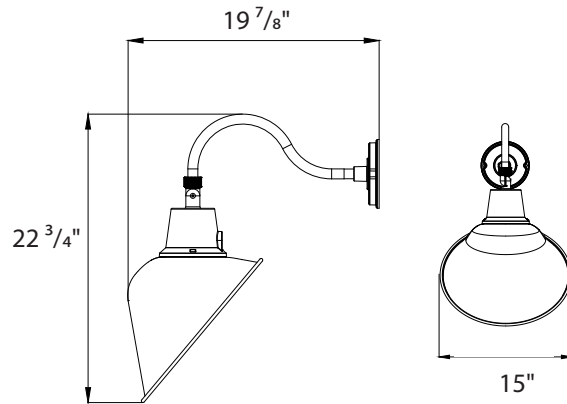
100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

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DIMENSIONS

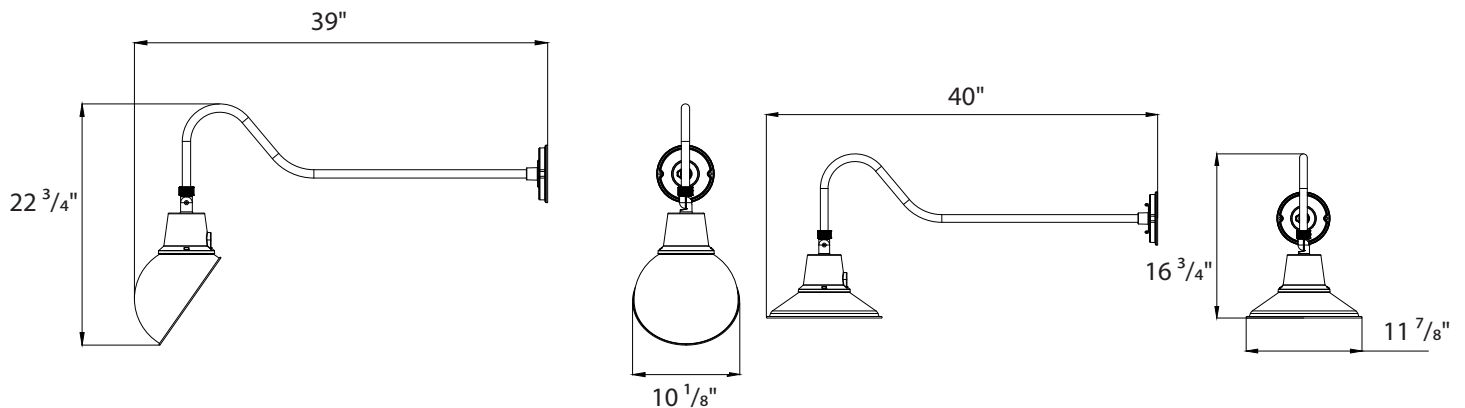
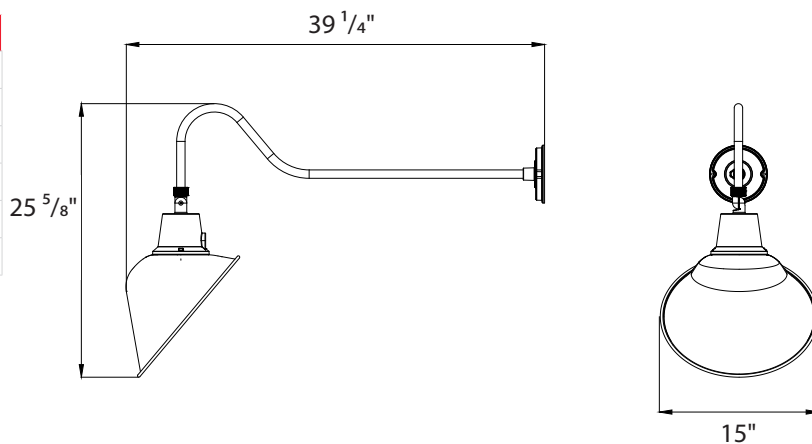
GN1

Model#	Weight
GN1AC	1.8 lbs
GN1FAC	1.8 lbs
GN1AD	1.5 lbs
GN1FAD	1.5 lbs
GN1ST	1.5 lbs
GN1FST	1.5 lbs



GN2

Model#	Weight
GN2AC	1.9 lbs
GN2FAC	1.9 lbs
GN2AD	1.6 lbs
GN2FAD	1.6 lbs
GN2ST	1.6 lbs
GN2FST	1.6 lbs

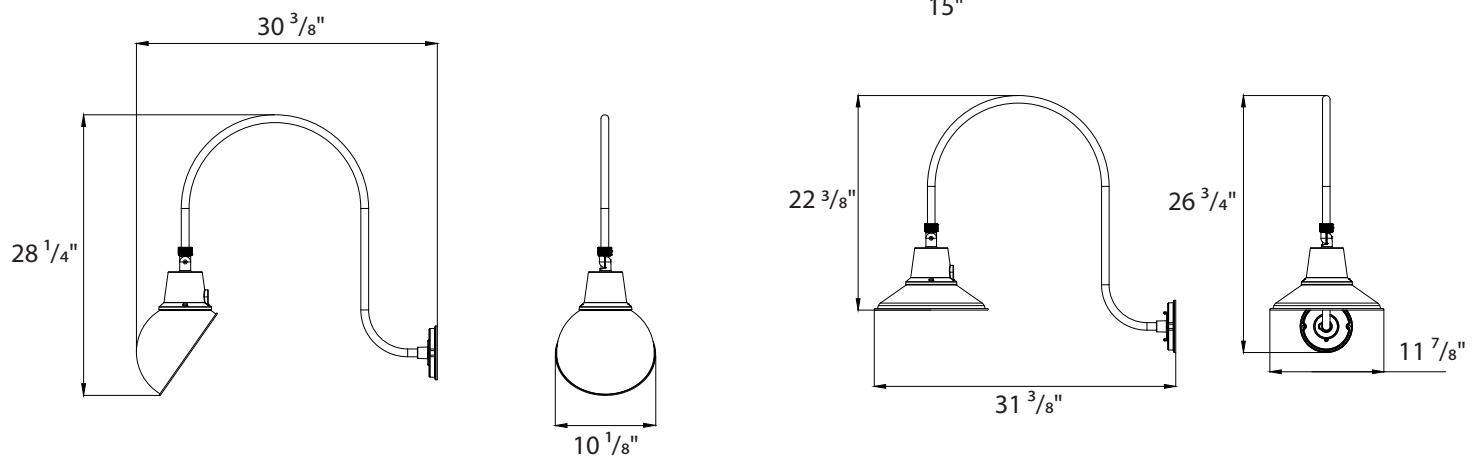
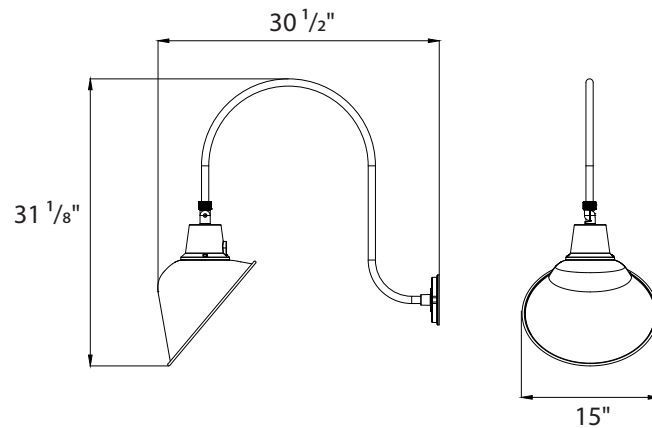


Field-Adjustable Gooseneck

DIMENSIONS

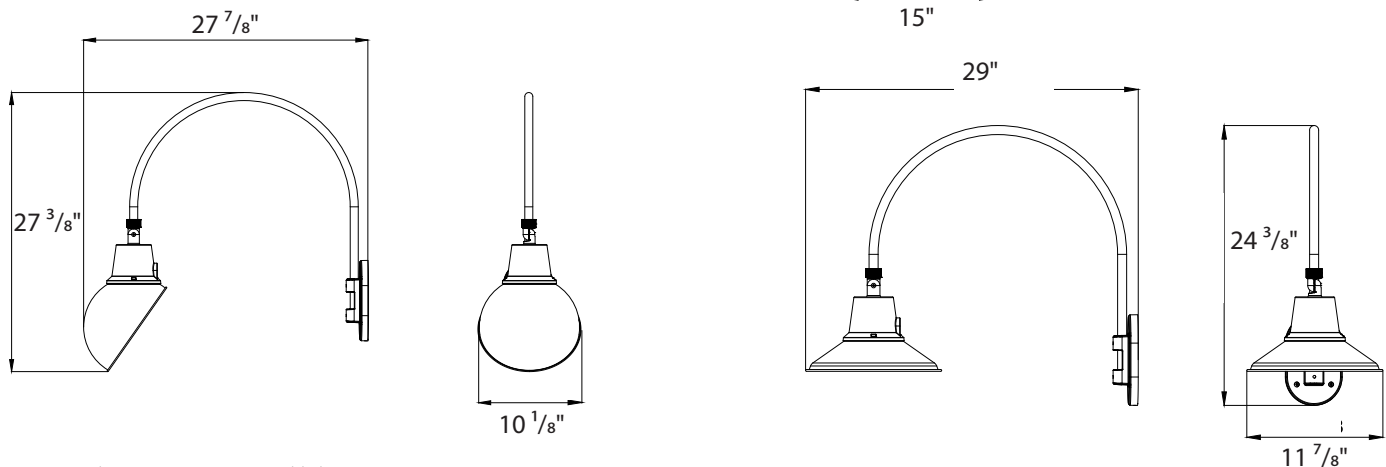
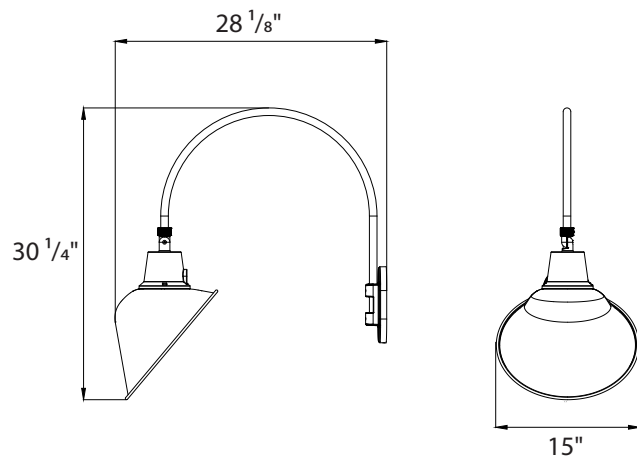
GN3

Model#	Weight
GN3AC	2.0 lbs
GN3FAC	2.0 lbs
GN3AD	1.7 lbs
GN3FAD	1.7 lbs
GN3ST	1.7 lbs
GN3FST	1.7 lbs



GN4

Model#	Weight
GN4AC	2.3 lbs
GN4FAC	2.3 lbs
GN4AD	2.0 lbs
GN4FAD	2.0 lbs
GN4ST	2.0 lbs
GN4FST	2.0 lbs



ACCESSORIES

Angled Cone Shades



Model#	UPC	Description
GSAC15	192552064309	GOOSENECK FA ANGLED CONE SHADE 15 INCHES BRONZE
GSAC15W	192552064316	GOOSENECK FA ANGLED CONE SHADE 15 INCHES WHITE
GSAC15B	192552064323	GOOSENECK FA ANGLED CONE SHADE 15 INCHES BLACK

Angled Dome Shades



Model#	UPC	Description
GSAD10	192552064330	GOOSENECK FA ANGLED DOME SHADE 10 INCHES BRONZE
GSAD10W	192552064347	GOOSENECK FA ANGLED DOME SHADE 10 INCHES WHITE
GSAD10B	192552064354	GOOSENECK FA ANGLED DOME SHADE 10 INCHES BLACK

Straight Shades



Model#	UPC	Description
GSST12	192552064361	GOOSENECK FA STRAIGHT SHADE 12 INCHES BRONZE
GSST12W	192552064378	GOOSENECK FA STRAIGHT SHADE 12 INCHES WHITE
GSST12B	192552064385	GOOSENECK FA STRAIGHT SHADE 12 INCHES BLACK

Arms



Model#	UPC	Description
GSARM1	192552064392	GOOSENECK FA ARM STYLE1 BRONZE
GSARM2	192552064408	GOOSENECK FA ARM STYLE2 BRONZE
GSARM3	192552064415	GOOSENECK FA ARM STYLE3 BRONZE
GSARM4	192552064422	GOOSENECK FA ARM STYLE4 BRONZE
GSARM1W	192552064439	GOOSENECK FA ARM STYLE1 WHITE
GSARM2W	192552064446	GOOSENECK FA ARM STYLE2 WHITE
GSARM3W	192552064453	GOOSENECK FA ARM STYLE3 WHITE
GSARM4W	192552064460	GOOSENECK FA ARM STYLE4 WHITE
GSARM1B	192552064477	GOOSENECK FA ARM STYLE1 BLACK
GSARM2B	192552064484	GOOSENECK FA ARM STYLE2 BLACK
GSARM3B	192552064491	GOOSENECK FA ARM STYLE3 BLACK
GSARM4B	192552064507	GOOSENECK FA ARM STYLE4 BLACK

Lenses



Model#	UPC	Description
GN25	192552064514	GOOSENECK FA HEAD W/ CLEAR LENS BRONZE
GN25W	192552064521	GOOSENECK FA HEAD W/ CLEAR LENS WHITE
GN25B	192552064538	GOOSENECK FA HEAD W/ CLEAR LENS BLACK
GN25F	192552064545	GOOSENECK FA HEAD W/ FROSTED LENS BRONZE
GN25FW	192552064552	GOOSENECK FA HEAD W/ FROSTED LENS WHITE
GN25FB	192552064569	GOOSENECK FA HEAD W/ FROSTED LENS BLACK

ORDERING MATRIX

Family	Wattage	Color Temp	Lens	Shade	Finish	Driver	Controls
GN1 GN2 GN3 GN4	Blank 25/20/15W	Blank CCT Adjustable	Blank Clear F Frosted	AC Angled Cone AD Angled Dome ST Straight Shade	Blank Bronze W White B Black	Blank 120-277V	Blank On/Off Photocell