

Date:	Approved:
Type:	
Fixture:	
Project:	

14" Straight & Angled LS-GN

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 ≤ 6 -step ANSI quadrangles.
- LED color maintenance ≤ 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.

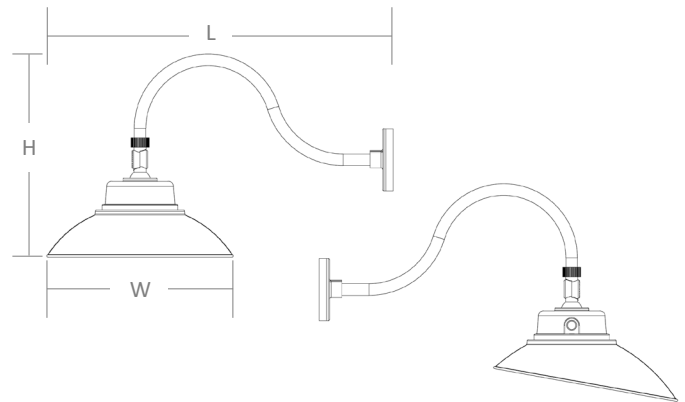
* Contact factory for other color temperatures and lumen packages.
** L_{70} & L_{90} hours are IES TM-21-11 calculated hours.



WARRANTY & LISTINGS

- cULus listed for wet locations in ambient temperatures from -40°C to 50°C (-40°F to 122°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

ELECTRICAL DATA

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

¹ Color rendering index

² Total harmonic distortion

³ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.

PHOTOMETRIC DATA

LS-GN14S-23L-3K-xx

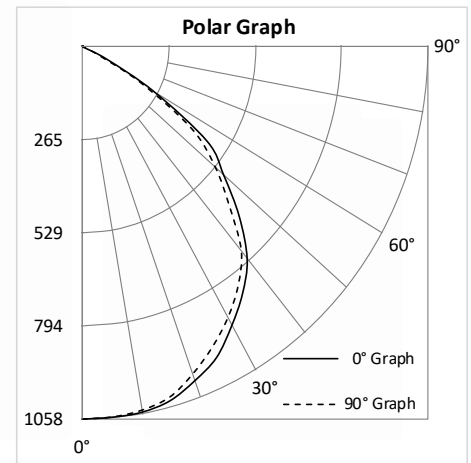
Luminaire Data

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%
Total		2,295	100.0%

BUG Rating B1-U2-G0



LS-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%
Total		2,329	100.0%

BUG Rating B1-U2-G0

