



# 331 GU24 Uncovered Lamp Specifications

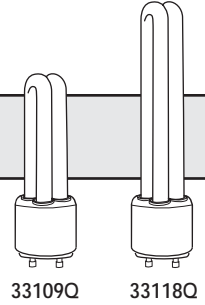
## GU24 Base – Compact Fluorescent Lamps

- 10,000 Hours average rated life

The GU24 Base introduces our superior SpringLamp® technology with an easy to use, pin-based socket. All fixtures can be modified to accept a GU24 Lamp by using a Hardwire 331 Socket or a Socket Lock-it #331SKTLKT. GU24 Base CFLs provide cost & energy saving benefits.

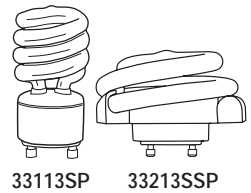
### PL Lamps

Model #	Description	Incandescent wattage comparison	Initial Lumens	Input Line Current	M.O.L. (inches)	Diameter (inches)	Lamp Operating Frequency
33109Q	9W Quad	45	600	.15A	4.5	1.5	54.5
33113Q	13W Quad	60	900	.22A	4.5	1.5	53.2
33118Q	18W Quad	75	1200	.30A	6.1	1.5	53.5
33126Q	26W Quad	100	1450	.43A	7.1	1.8	66.7



### SpringLamps®

Model #	Description	Incandescent wattage comparison	Initial Lumens	Input Line Current	M.O.L. (inches)	Diameter (inches)	GU Base diameter (inches)	Lamp Operating Frequency
33109SP	9W SpringLamp®	45	600	.15A	3.4	1.8	1.49	58.0
33113SP☆	13W SpringLamp®	60	900	.22A	3.6	1.8	1.49	60.0
33118SP☆	18W SpringLamp®	75	1200	.30A	3.8	2.3	1.49	52.4
33123SP☆	23W SpringLamp®	90	1600	.38A	4.4	2.4	1.78	47.3
33127SP☆	27W SpringLamp®	100	1800	.45A	4.8	2.4	1.78	43.6
33132SP	32W SpringLamp®	120	2100	.53A	5.1	2.7	2.20	50.3
33142SP	42W SpringLamp®	150	2800	.70A	5.9	2.8	2.20	45.3
33213SSP	13W Low Profile SpringLamp®	60	900	.22A	2.3	3.2	1.64	60.0



☆ = ENERGY STAR

### Specifications (at full brightness)

End of Life Protection	Yes
Ballast Type	Electronic
Starting Method	Instant Start
Input Line Voltage	120VAC
Input Line Frequency	50/60HZ
Color Rendering Index	82
Minimum Starting Temperature	-20 ° F (128.9°C)
Maximum Operating Temperature	160 ° F (71°C)
UL/C-UL Listed	Yes – E149698
FCC Compliance	CFR 47, Part 18
Lamp Operating Frequency	53 KHZ
Lamp Current Crest Factor	< 1.60
Power Factor	> .50
Total Harmonic Distortion	< 150%

### Features and Benefits

- GU24 Base
- Long Life, 10,000 hour average rated life
- Lower maintenance and labor costs for lamp replacements
- No lead glass – Better lumen maintenance over life of bulb
- End of Life logic guards against violent failures
- Complies with UL 1993 End of Life requirements
- World Class phosphor insures high lumen output and excellent lumen maintenance

Model #	Description	M.O.L. (inches)	Diameter (inches)
331002SKT	2 Wire Socket	.85	1.56
331SKTLKT	GU Socket Lock-it	1.45	1.42

### Special Application Options: (ordering suffix)

- 2700° K, 3000° K, 3500° K, 4100° K, 5000° K, 6500° K,

