



# 331 GU24 Uncovered Lamp Specifications

<b>GU24 Base CFLs</b>	10,000 Hours average rated life
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### Applications:

**Commercial GU24 applications: Use where a standard incandescent is used.**

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.

- + Table Lamps
  - + Recessed Downlighting
  - + Outdoor Fixtures
  - + Wall Sconces
  - + Ceiling Fixtures
  - + Ceiling Fans
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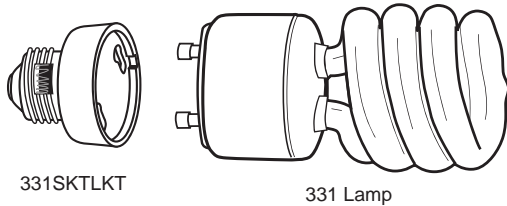
NOT compatible with dimming applications

### Special Application Options: (Ordering Suffix)

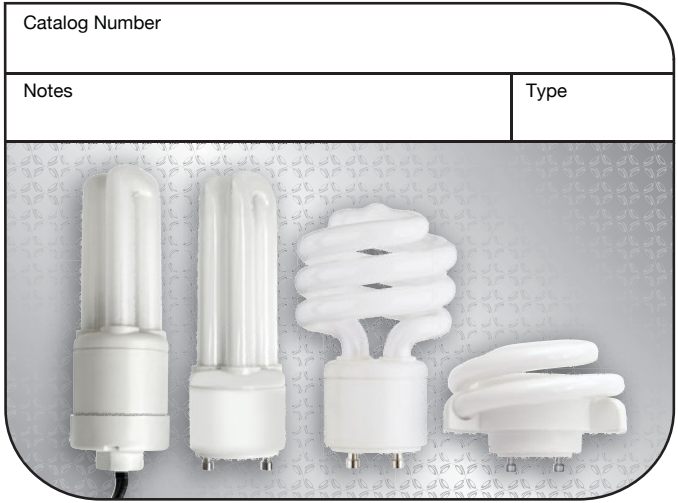
- 2700°K (27K), 3000°K (30K), 3500°K (35K), 4100°K (41K), 5000°K (50K), 6500°K (65K)
- See backside of this sheet for all color temperature specs.

### 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



★ = ENERGY STAR® approved



### 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%

**Special Application Notes:**

Up to 23 watt is UL approved for totally enclosed fixtures.  
 Use a 27w and 32w in an open recessed can  
 Do not use a 27w and 32w in an enclosed recessed can. Use voids the warranty.  
 Do not use a 42w in an enclosed or open recessed can or any type of enclosed fixture. Use voids the warranty.  
 Do not use more than 2 bulbs in an enclosed fixture. Use voids the warranty. If fixture is manufactured for incandescents use no higher than the CFL equivalent wattage as shown in chart.

Warranties and Certifications:	Item #	ENERGY STAR®	Description	Incandescent Wattage Comparison	Initial Lumens	Input Line Current	M.O.L. (inches)	Diameter (inches)	
 <b>24 MONTH WARRANTY</b>	<b>PL Lamps</b>								
	33109Q		9W Quad	45	500	.15A	4.5	1.5	
	33113Q		13W Quad	60	750	.22A	4.5	1.5	
	33118Q		18W Quad	75	1150	.30A	6.1	1.5	
	33126Q		26W Quad	100	1500	.43A	7.1	1.8	
	<b>SpringLamps</b>								
	33109SP	★	9W SpringLamp	45	550	.15A	3.4	1.8	
	33113SP	★	13W SpringLamp	60	850	.22A	3.6	1.8	
	33118SP	★	18W SpringLamp	75	1200	.30A	3.8	2.3	
	33123SP	★	23W SpringLamp	90	1600	.38A	4.4	2.4	
	33127SP	★	27W SpringLamp	100	1800	.45A	4.8	2.4	
	33132SP	★	32W SpringLamp	120	2200	.53A	5.1	2.7	
	33142SP		42W SpringLamp	150	2600	.70A	5.9	2.8	
	33213SSP	★	13W Low Profile SpringLamp	60	850	.22A	2.3	3.2	
	33013SQ <b>NEW!</b>		13W Low Profile Lamp only	60	900	N/A	1.7	2.8	
	<b>Sockets</b>								
	331SKTLKT		GU Socket Lock-it	N/A	N/A	N/A	1.45	1.42	

For the most up-to-date specs, please visit [www.tcp.com](http://www.tcp.com)

For other socket options, please visit [tcp.com](http://tcp.com)





# 331 GU24 Uncovered Lamp Specifications

Color Temperature	Item #	ENERGY STAR®	Description	Incandescent Wattage Comparison	Initial Lumens	Input Line Current	M.O.L. (inches)	Diameter (inches)	Lamp Operating Frequency	
<b>3000°K</b> ordering suffix 30K	<b>PL Lamps</b>									
	33109Q30K		9W Quad	45	500	.15A	4.5	1.5	54.5	
	33113Q30K		13W Quad	60	750	.22A	4.5	1.5	53.2	
	33118Q30K		18W Quad	75	1150	.30A	6.1	1.5	53.5	
	33126Q30K		26W Quad	100	1500	.43A	7.1	1.8	66.7	
<b>3500°K</b> ordering suffix 35K	33109Q35K		9W Quad	45	500	.15A	4.5	1.5	54.5	
	33113Q35K		13W Quad	60	750	.22A	4.5	1.5	53.2	
	33118Q35K		18W Quad	75	1100	.30A	6.1	1.5	53.5	
	33126Q35K		26W Quad	100	1450	.43A	7.1	1.8	66.7	
<b>4100°K</b> ordering suffix 41K	33109Q41K		9W Quad	45	600	.15A	4.5	1.5	54.5	
	33113Q41K		13W Quad	60	700	.22A	4.5	1.5	53.2	
	33118Q41K		18W Quad	75	1100	.30A	6.1	1.5	53.5	
	33126Q41K		26W Quad	100	1450	.43A	7.1	1.8	66.7	
<b>5000°K</b> ordering suffix 50K	33109Q50K		9W Quad	45	600	.15A	4.5	1.5	54.5	
	33113Q50K		13W Quad	60	700	.22A	4.5	1.5	53.2	
	33118Q50K		18W Quad	75	1100	.30A	6.1	1.5	53.5	
	33126Q50K		26W Quad	100	1450	.43A	7.1	1.8	66.7	
<b>6500°K</b> ordering suffix 65K	33109Q65K		9W Quad	45	600	.15A	4.5	1.5	54.5	
	33113Q65K		13W Quad	60	900	.22A	4.5	1.5	53.2	
	33118Q65K		18W Quad	75	1200	.30A	6.1	1.5	53.5	
	33126Q65K		26W Quad	100	1450	.43A	7.1	1.8	66.7	
<b>3000°K</b> ordering suffix 30K	<b>SpringLamps</b>									
	33109SP30K	★	9W SpringLamp	45	550	.15A	3.4	1.8	58.0	
	33113SP30K	★	13W SpringLamp	60	800	.22A	3.6	1.8	60.0	
	33118SP30K	★	18W SpringLamp	75	1200	.30A	3.8	2.3	52.4	
	33123SP30K	★	23W SpringLamp	90	1600	.38A	4.4	2.4	47.3	
	33127SP30K	★	27W SpringLamp	100	1800	.45A	4.8	2.4	43.6	
	33132SP30K		32W SpringLamp	120	2100	.53A	5.1	2.7	50.3	
	33142SP30K		42W SpringLamp	150	2800	.70A	5.9	2.8	45.3	
	33213SSP30K	★	13W Low Profile SpringLamp	60	850	.22A	2.3	3.2	60.0	
	<b>3500°K</b> ordering suffix 35K	33109SP35K	★	9W SpringLamp	45	550	.15A	3.4	1.8	58.0
33113SP35K			13W SpringLamp	60	800	.22A	3.6	1.8	60.0	
33118SP35K		★	18W SpringLamp	75	1200	.30A	3.8	2.3	52.4	
33123SP35K		★	23W SpringLamp	90	1600	.38A	4.4	2.4	47.3	
33127SP35K		★	27W SpringLamp	100	1800	.45A	4.8	2.4	43.6	
33132SP35K			32W SpringLamp	120	2100	.53A	5.1	2.7	50.3	
33142SP35K			42W SpringLamp	150	2600	.70A	5.9	2.8	45.3	
33213SSP35K			13W Low Profile SpringLamp	60	900	.22A	2.3	3.2	60.0	
<b>4100°K</b> ordering suffix 41K	33109SP41K	★	9W SpringLamp	45	550	.15A	3.4	1.8	58.0	
	33113SP41K	★	13W SpringLamp	60	800	.22A	3.6	1.8	60.0	
	33118SP41K	★	18W SpringLamp	75	1200	.30A	3.8	2.3	52.4	
	33123SP41K	★	23W SpringLamp	90	1600	.38A	4.4	2.4	47.3	
	33127SP41K	★	27W SpringLamp	100	1750	.45A	4.8	2.4	43.6	
	33132SP41K	★	32W SpringLamp	120	2200	.53A	5.1	2.7	50.3	
	33142SP41K		42W SpringLamp	150	2600	.70A	5.9	2.8	45.3	
	33213SSP41K		13W Low Profile SpringLamp	60	800	.22A	2.3	3.2	60.0	
<b>5000°K</b> ordering suffix 50K	33109SP50K		9W SpringLamp	45	500	.15A	3.4	1.8	58.0	
	33113SP50K	★	13W SpringLamp	60	800	.22A	3.6	1.8	60.0	
	33118SP50K		18W SpringLamp	75	1150	.30A	3.8	2.3	52.4	
	33123SP50K	★	23W SpringLamp	90	1500	.38A	4.4	2.4	47.3	
	33127SP50K		27W SpringLamp	100	1750	.45A	4.8	2.4	43.6	
	33132SP50K		32W SpringLamp	120	2100	.53A	5.1	2.7	50.3	
	33142SP50K		42W SpringLamp	150	2500	.70A	5.9	2.8	45.3	
	33213SSP50K		13W Low Profile SpringLamp	60	900	.22A	2.3	3.2	60.0	
<b>6500°K</b> ordering suffix 65K	33109SP65K		9W SpringLamp	45	600	.15A	3.4	1.8	58.0	
	33113SP65K		13W SpringLamp	60	900	.22A	3.6	1.8	60.0	
	33118SP65K		18W SpringLamp	75	1200	.30A	3.8	2.3	52.4	
	33123SP65K		23W SpringLamp	90	1600	.38A	4.4	2.4	47.3	
	33127SP65K		27W SpringLamp	100	1800	.45A	4.8	2.4	43.6	
	33132SP65K		32W SpringLamp	120	2100	.53A	5.1	2.7	50.3	
	33142SP65K		42W SpringLamp	150	2800	.70A	5.9	2.8	45.3	
	33213SSP65K		13W Low Profile SpringLamp	60	900	.22A	2.3	3.2	60.0	

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