



289 Series (18W-68W) SpringLamp® Specification

SpringLamps Compact Fluorescent, NPF

10,000-12,000 Hours average rated life

Applications:

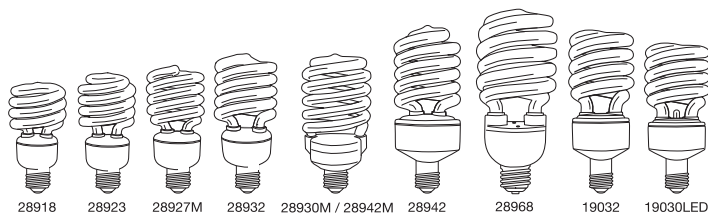
See below.

Special Application Options: (Ordering Suffix)

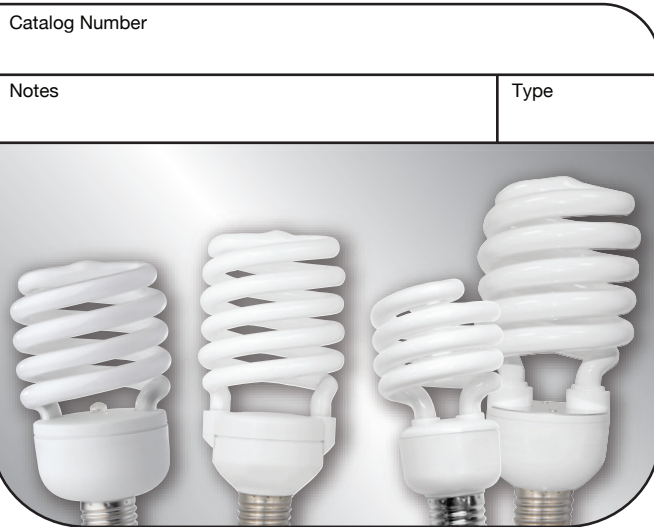
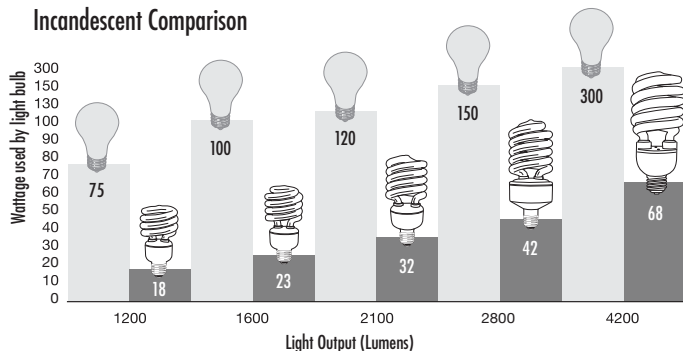
- 3000°K (30K), 3500°K (35K), 4100°K (41K), 5100°K (51K), 6500°K (65K)
- Long Neck 1.65" (165), 1.75" (175), 2.25" (225)
- Wet location (WL)

Features and Benefits:

- Amalgam Technology – provides cooler operating temperatures for consistent performance in any position
- Long life, 10,000 hours to 12,000 hours average rated life
- No lead glass – Better lumen maintenance over life of bulb
- 2700°K color temperature closest to incandescent light
- Medium base
- Replace less often, ideal for hard to reach places
- End of Life logic guards against violent failures



Incandescent Comparison



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 Temperature	2700°K
Color Rendering Index	82
Minimum Starting Temperature	-20°F, -29°C
Maximum Operating Temperature	160°F, 71°C
U.L. / C.U.L. Listed	Yes – E149698
FCC Compliance	47 CFR Part 18
Lamp Operating Frequency	45 KHZ
Lamp Current Crest Factor	<1.60
Total Harmonic Distortion	<150%
High Power Factor Rated	>.50

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 and 68w in an enclosed or open recessed can or any type of enclosed fixture.

Use voids the warranty.



Warranties and Certifications:	Item #	Wattage	Incandescent Wattage Comparison	Initial Lumens	M.O.L (inches)	Diameter (inches)	Lamp Life (hours)	Table/Floor Lamps	Chandeliers	Recessed Cans	Bare Bulb Fixtures	High Bay Fixtures	Ceiling Fixtures	Desk Lamp	Outdoor Covered
 10,000 HR Lamps 18 MONTH WARRANTY 12,000 HR Lamps 24 MONTH WARRANTY	28918	18	75	1200	4.4	4.4	12K	•	•	•	•		•		•
	28923	23	100	1600	4.7	2.4	12K	•	•	•	•		•		•
	28923FS	23	100	1200	4.7	2.4	12K	•	•	•	•				•
	28927M	27	100	1850	5.4	2.4	12K				•				
	28930M	30	120	2000	5.4	2.8	10K		•		•			•	
	28932	32	120	2200	6.0	2.8	10K				•				
	28942M	42	150	2650	6.0	2.8	10K	•			•				
	28942	42	150	2800	7.0	2.8	10K	•			•	•			
	28968	68	300	4200	9.5	4.1	10K					•	•		
	19032	14/19/32	40/75/150	750/1400/2150	6.8	2.8	10K	•							•
	19030LED	19/30/1	75/120/Night Light	1300/1850/NA	5.3	2.8	10K	•							

TCP is proud to have been awarded ENERGY STAR Partner of the Year 2009.



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