



289 Series (2W-13W) Specifications

SpringLamp® Compact Fluorescent, NPF

Ideal for:



Item #	Wattage	Incandescent Wattage Comparison	Initial Lumens	Input Line Current	M.O.L. (inches)	Diameter (inches)	Lamp Life (hours)	Table/floor Lamps	Chandeliers	Recessed Cans	Bare bulb Fixtures	Wall Sconce	Ceiling Fixtures	Desk Lamp	Mirror Lights	Outdoor Lights
28902	2	15	150	.03A	3.0	1.3	8K		•		•	•		•	•	
28902C	2	15	150	.03A	3.0	1.3	8K		•			•		•	•	
28902T	2	15	150	.03A	3.2	1.2	8K		•			•		•	•	
28902TC	2	15	150	.03A	3.2	1.2	8K		•			•		•	•	
28904★	4	25	250	.07A	3.1	1.5	8K		•		•	•		•	•	
28904C	4	25	250	.07A	3.1	1.5	8K		•			•		•	•	
28904T★	4	25	250	.07A	3.5	1.2	8K		•			•		•	•	
28904TC	4	25	250	.07A	3.5	1.2	8K		•			•		•	•	
28909★	9	40	550	.15A	3.6	1.9	12K	•	•	•	•	•	•	•		•
28913★	13	60	900	.22A	3.9	1.9	12K	•	•	•	•	•	•	•		•
28913Y	13	60	500	.22A	3.9	1.9	12K									•

★ = ENERGY STAR® approved



28902



28902C



28902T



28902TC



28904



28904C



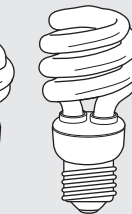
28904T



28904TC



28909



28913

Features and Benefits:

- Small size
- Amalgam Technology – provides cooler operating temperatures for consistent performance in any position
- Long life, 8,000 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 or Candelabra base
- Replace less often, ideal for hard to reach places
- End of Life logic guards against violent failures
- UL Approved for totally enclosed fixtures

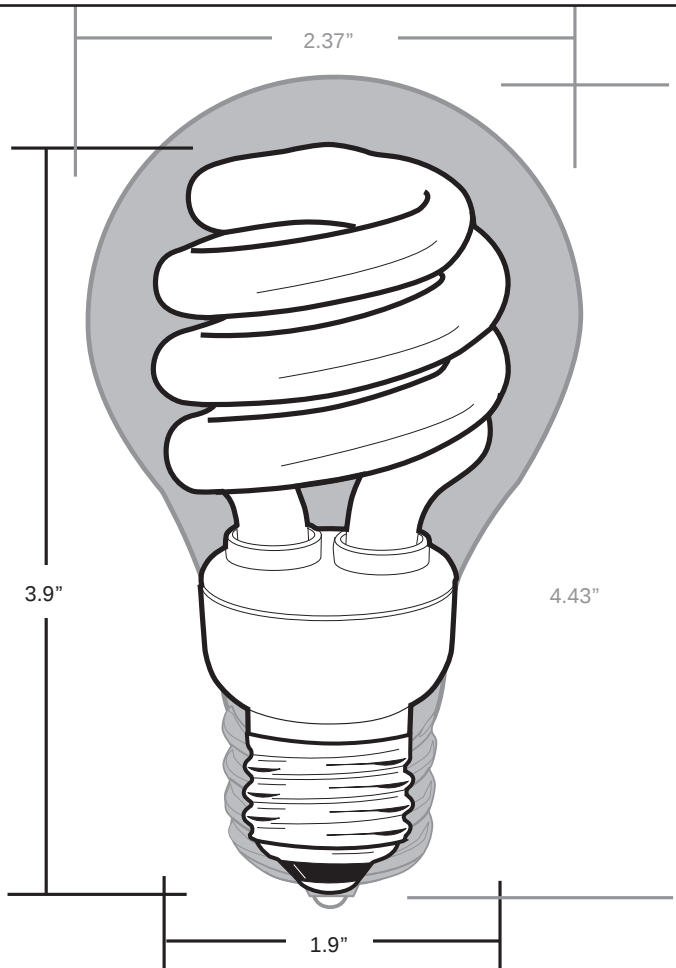
Specifications (at full brightness)

End of Life Protection-----	Yes
Ballast Type -----	Electronic
Starting Method -----	Modified Rapid Start
Input Line Voltage -----	120VAC
Input Line Frequency -----	50/60HZ
Lamp Life (rated)-----	8,000 or 12,000 Hours
Color Temperature -----	2700°K
Color Rendering Index -----	82
Min. Starting Temperature -----	-20 ° F
Max. Operating Temperature -----	160 ° F
U.L. / C.U.L. Listed -----	Yes
FCC Compliance -----	Part 18, Subpart C
Lamp Operating Frequency -----	45 KHZ
Lamp Current Crest Factor -----	< 1.60
Max. Open Circuit Voltage -----	600V
Power Factor -----	> .50
Total Harmonic Distortion -----	< 150%

Special Application Options: (Ordering Suffix)

- 3100°K(31K), 3500°K(35K), 4100°K(41K), 5100°K(51K), 6500°K(65K)
- Long Neck 1.65" (165), 1.75" (175), 2.25" (225) (9W & 13W only)
- Wet Location(WL) • Shatter Resistant(SS)
- Blue(BL), Green(GR), Red(RD), Pink(P), Soft Pink(SP), Yellow(Y)

Actual Size Comparison: (28913 compared to 60 watt incandescent)



12 MONTH
WARRANTY
on 8,000 hour lamps

24 MONTH
WARRANTY
on 12,000 hour lamps



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

