



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

## SpringLamps Compact Fluorescent, NPF

10,000-12,000 Hours average rated life

### Applications:

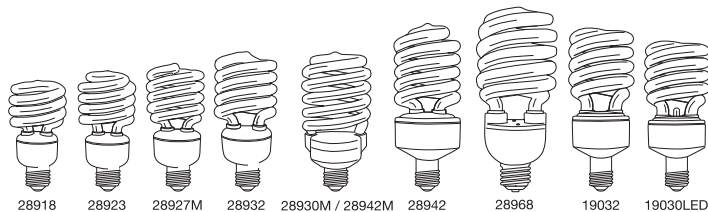
See below.

### Special Application Options: (Ordering Suffix)

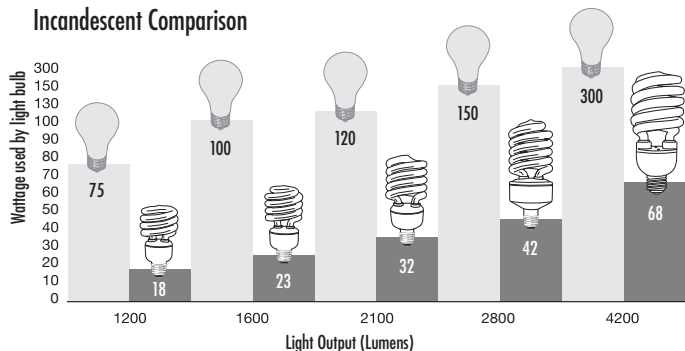
- 3000°K (30K), 3500°K (35K), 4100°K (41K), 5100°K (51K), 6500°K (65K)
- Long Neck 1.65" (165), 1.75" (175), 2.25" (225)
- Wet location (WL)

### Features and Benefits:

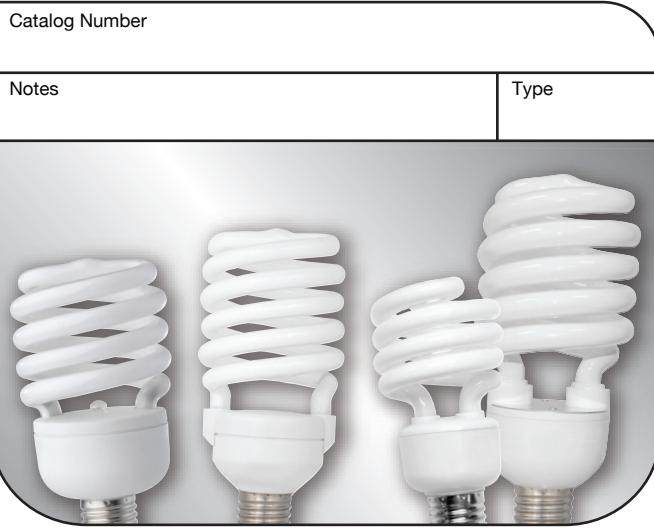
- Amalgam Technology – provides cooler operating temperatures for consistent performance in any position
- Long life, 10,000 hours to 12,000 hours average rated life
- No lead glass – Better lumen maintenance over life of bulb
- 2700°K color temperature closest to incandescent light
- Medium base
- Replace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



### Incandescent Comparison



★ = ENERGY STAR® approved FS = Full Spectrum 5500°K, 88CRI



### 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%          |
| Power Factor .....                  | >.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:**

**10,000 HR Lamps**  
**18 MONTH WARRANTY**

**12,000 HR Lamps**  
**24 MONTH WARRANTY**

| 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 |
|----------|----------|---------------------------------|----------------|----------------|-------------------|-------------------|-------------------|-------------|---------------|--------------------|-------------------|------------------|-----------|-----------------|
| ★ 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               | •                 |             |               |                    |                   |                  |           |                 |

