

## T3 Ultra Compact CFLs

12,000 Hours average rated life, 120Volts

### Applications:

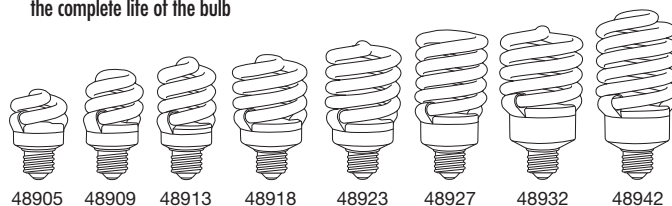
See below

### Special Application Options: (Ordering Suffix)

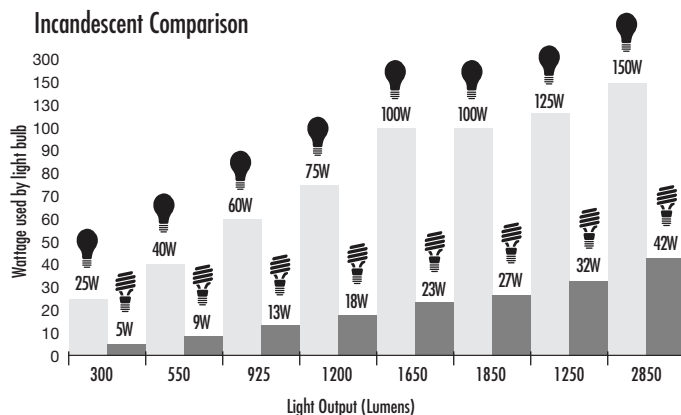
- 3000°K (30K), 3500°K (35K), 4100°K (41K), 5000°K (50K), 6500°K (65K), Full Spectrum (FS)
- Long Neck 1.65" (165), 1.75" (175), 2.25" (225)
- Wet location (WL)
- Shatter Coat (SS)

### Features and Benefits:

- Ultra high efficiency ballast increases lumen output
- Lateral cathode design optimizes thermal efficiency
- Exclusive end of life circuitry
- Long life, 12,000 hours average rated life
- New design and construction improves lumen maintenance over the complete life of the bulb



### Incandescent Comparison



Catalog Number

Notes

Type



### 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 23w 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 two lamps in any type of enclosed luminaire.

Do not use more than 2 CFLs in an enclosed fixture. If fixture is manufactured for incandescents, use no higher than the CFL equivalent wattage, as shown on chart.



### Warranties and Certifications:



**RoHS**  
Compliant

**24** MONTH  
WARRANTY

| 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 | High Bay Fixtures | Ceiling Fixtures | Desk Lamp | Outdoor Covered |
|--------|---------|---------------------------------|----------------|--------------------|-----------------|-------------------|-------------------|-------------------|-------------|---------------|--------------------|-------------------|------------------|-----------|-----------------|
| 48909  | 9       | 40                              | 600            | .15a               | 3.6             | 1.8               | 12K               | •                 | •           | •             | •                  |                   | •                | •         | •               |
| 48913  | 13      | 60                              | 925            | .22a               | 3.9             | 1.8               | 12K               | •                 | •           | •             | •                  |                   | •                | •         | •               |
| 48913C | 13      | 60                              | 925            | .22a               | 3.8             | 1.8               | 12K               | •                 | •           | •             | •                  |                   | •                | •         | •               |
| 48918  | 18      | 75                              | 1300           | .30a               | 4.0             | 2.4               | 12K               | •                 | •           | •             | •                  |                   | •                | •         | •               |
| 48923  | 23      | 100                             | 1650           | .38a               | 4.4             | 2.4               | 12K               | •                 | •           | •             | •                  | •                 | •                | •         | •               |
| 48927  | 27      | 100                             | 1850           | .45a               | 5.1             | 2.4               | 12K               | •                 | •           |               | •                  | •                 |                  | •         | •               |
| 48932  | 32      | 125                             | 2150           | .53a               | 5.1             | 2.7               | 12K               | •                 | •           |               | •                  | •                 |                  | •         | •               |
| 48942  | 42      | 150                             | 2850           | .70a               | 5.7             | 2.4               | 12K               | •                 | •           |               | •                  | •                 |                  | •         |                 |

TCP® is proud to have been awarded  
ENERGY STAR® Partner of the Year 2014.





## 489 Series SpringLamp® Specification

| 48905 | Item #       | Description                           | Wattage | Voltage | Base | CCT  | Incandescent Equivalent | Initial Lumens | ENERGY STAR | M.O.L. (inches) | Diameter (inches) | Lamp Life (hours) |
|-------|--------------|---------------------------------------|---------|---------|------|------|-------------------------|----------------|-------------|-----------------|-------------------|-------------------|
|       | 48905        | 5 WATT FULL SPRINGLAMP                | 5       | 120     | e26  | 2700 | 25                      | 300            |             | 3.00            | 1.90              | 6,000             |
|       | 4890530K     | 5 WATT FULL SPRINGLAMP 30K            | 5       | 120     | e26  | 3000 | 25                      | 300            |             | 3.00            | 1.90              | 6,000             |
|       | 4890535K     | 5 WATT FULL SPRINGLAMP 35K            | 5       | 120     | e26  | 3500 | 25                      | 300            |             | 3.00            | 1.90              | 6,000             |
|       | 4890541K     | 5 WATT FULL SPRINGLAMP 41K            | 5       | 120     | e26  | 4100 | 25                      | 300            |             | 3.00            | 1.90              | 6,000             |
|       | 4890550K     | 5 WATT FULL SPRINGLAMP 50K            | 5       | 120     | e26  | 5000 | 25                      | 300            |             | 3.00            | 1.90              | 6,000             |
|       | 48905C       | 5 WATT FULL SPRINGLAMP E12            | 5       | 120     | e12  | 2700 | 25                      | 300            |             | 3.00            | 1.90              | 6,000             |
|       | 48905C35K    | 5 WATT FULL SPRINGLAMP E12 35K        | 5       | 120     | e12  | 3500 | 25                      | 300            |             | 3.00            | 1.90              | 6,000             |
|       | 48905C41K    | 5 WATT FULL SPRINGLAMP E12 41K        | 5       | 120     | e12  | 4100 | 25                      | 300            |             | 3.00            | 1.90              | 6,000             |
| 48909 |              |                                       |         |         |      |      |                         |                |             |                 |                   |                   |
|       | 48909        | 9 WATT FULL SPRINGLAMP                | 9       | 120     | e26  | 2700 | 40                      | 600            | yes         | 3.60            | 1.80              | 12,000            |
|       | 4890930K     | 9 WATT FULL SPRINGLAMP 30K            | 9       | 120     | e26  | 3000 | 40                      | 600            |             | 3.60            | 1.80              | 12,000            |
|       | 4890935K     | 9 WATT FULL SPRINGLAMP 35K            | 9       | 120     | e26  | 3500 | 40                      | 600            | yes         | 3.60            | 1.80              | 12,000            |
|       | 4890941K     | 9 WATT FULL SPRINGLAMP 41K            | 9       | 120     | e26  | 4100 | 40                      | 600            | yes         | 3.60            | 1.80              | 12,000            |
|       | 4890950K     | 9 WATT FULL SPRINGLAMP 50K            | 9       | 120     | e26  | 5000 | 40                      | 600            |             | 3.60            | 1.80              | 12,000            |
|       | 4890965K     | 9 WATT FULL SPRINGLAMP 65K            | 9       | 120     | e26  | 6500 | 40                      | 550            | yes         | 3.60            | 1.80              | 12,000            |
|       | 48909C       | 9 WATT FULL SPRINGLAMP Candel         | 9       | 120     | e12  | 2700 | 40                      | 600            | yes         | 3.60            | 1.80              | 12,000            |
|       | 48909C41K    | 9 WATT FULL SPRINGLAMP Candel 41K     | 9       | 120     | e12  | 4100 | 40                      | 550            |             | 3.60            | 1.80              | 12,000            |
|       | 48909C50K    | 9 WATT FULL SPRINGLAMP Candel 50K     | 9       | 120     | e12  | 5000 | 40                      | 550            |             | 3.60            | 1.80              | 12,000            |
|       | 48909PERM    | 9 WATT SPRINGLAMP PRO PERM            | 9       | 120     | e26  | 2700 | 40                      | 600            |             | 3.60            | 1.80              | 12,000            |
|       | 48909Y       | 9 WATT FULL SPRINGLAMP Bug            | 9       | 120     | e26  | —    | 40                      | —              |             | 3.60            | 1.80              | 12,000            |
| 48913 |              |                                       |         |         |      |      |                         |                |             |                 |                   |                   |
|       | 48913        | 13 WATT FULL SPRINGLAMP               | 13      | 120     | e26  | 2700 | 60                      | 925            | yes         | 3.90            | 1.80              | 12,000            |
|       | 4891330K     | 13 WATT FULL SPRINGLAMP 30K           | 13      | 120     | e26  | 3000 | 60                      | 925            | yes         | 3.90            | 1.80              | 12,000            |
|       | 4891335K     | 13 WATT FULL SPRINGLAMP 35K           | 13      | 120     | e26  | 3500 | 60                      | 925            | yes         | 3.90            | 1.80              | 12,000            |
|       | 4891341K     | 13 WATT FULL SPRINGLAMP 41K           | 13      | 120     | e26  | 4100 | 60                      | 925            | yes         | 3.90            | 1.80              | 12,000            |
|       | 4891350K     | 13 WATT FULL SPRINGLAMP 50K           | 13      | 120     | e26  | 5000 | 60                      | 900            | yes         | 3.90            | 1.80              | 12,000            |
|       | 4891365K     | 13 WATT FULL SPRINGLAMP 65K           | 13      | 120     | e26  | 6500 | 60                      | 900            | yes         | 3.90            | 1.80              | 12,000            |
|       | 48913BL      | 13 WATT FULL SPRINGLAMP Blue          | 13      | 120     | e26  | —    | 60                      | —              |             | 3.90            | 1.80              | 12,000            |
|       | 48913C       | 13 WATT FULL SPRINGLAMP E12           | 13      | 120     | e12  | 2700 | 60                      | 925            | yes         | 3.90            | 1.80              | 12,000            |
|       | 48913C30K    | 13 WATT FULL SPRINGLAMP Candel 30K    | 13      | 120     | e12  | 3000 | 60                      | 925            |             | 3.90            | 1.80              | 12,000            |
|       | 48913C35K    | 13 WATT FULL SPRINGLAMP Candel 35K    | 13      | 120     | e12  | 3500 | 60                      | 850            |             | 3.90            | 1.80              | 12,000            |
|       | 48913C41K    | 13 WATT FULL SPRINGLAMP Candel 41K    | 13      | 120     | e12  | 4100 | 60                      | 850            |             | 3.90            | 1.80              | 12,000            |
|       | 48913C50K    | 13 WATT FULL SPRINGLAMP PRO E12 50K   | 13      | 120     | e12  | 5000 | 60                      | 850            |             | 3.90            | 1.80              | 12,000            |
|       | 48913C65K    | 13 WATT FULL SPRINGLAMP PRO E12 65K   | 13      | 120     | e12  | 6500 | 60                      | 850            |             | 3.90            | 1.80              | 12,000            |
|       | 48913FS      | 13 WATT FULL SPRINGLAMP Full Spectrum | 13      | 120     | e26  | —    | 60                      | 700            |             | 3.90            | 1.80              | 12,000            |
|       | 48913GR      | 13 WATT FULL SPRINGLAMP Green         | 13      | 120     | e26  | —    | 60                      | —              |             | 3.90            | 1.80              | 12,000            |
|       | 48913P       | 13 WATT FULL SPRINGLAMP PINK          | 13      | 120     | e26  | —    | 60                      | —              |             | 3.90            | 1.80              | 12,000            |
|       | 48913PERM    | 13 WATT FULL SPRINGLAMP PERM BASE     | 13      | 120     | e26  | 2700 | 60                      | 925            |             | 3.90            | 1.80              | 12,000            |
|       | 48913RD      | 13 WATT FULL SPRINGLAMP Red           | 13      | 120     | e26  | —    | 60                      | —              |             | 3.90            | 1.80              | 12,000            |
|       | 48913Y       | 13 WATT FULL SPRINGLAMP Bug           | 13      | 120     | e26  | —    | 60                      | —              |             | 3.90            | 1.80              | 12,000            |
| 48918 |              |                                       |         |         |      |      |                         |                |             |                 |                   |                   |
|       | 48918        | 18 WATT FULL SPRINGLAMP               | 18      | 120     | e26  | 2700 | 75                      | 1,300          | yes         | 4.00            | 2.40              | 12,000            |
|       | 4891830K     | 18 WATT FULL SPRINGLAMP 30K           | 18      | 120     | e26  | 3000 | 75                      | 1,300          | yes         | 4.00            | 2.40              | 12,000            |
|       | 4891835K     | 18 WATT FULL SPRINGLAMP 35K           | 18      | 120     | e26  | 3500 | 75                      | 1,300          | yes         | 4.00            | 2.40              | 12,000            |
|       | 4891841K     | 18 WATT FULL SPRINGLAMP 41K           | 18      | 120     | e26  | 4100 | 75                      | 1,300          | yes         | 4.00            | 2.40              | 12,000            |
|       | 4891850K     | 18 WATT FULL SPRINGLAMP 50K           | 18      | 120     | e26  | 5000 | 75                      | 1,300          | yes         | 4.00            | 2.40              | 12,000            |
|       | 4891865K     | 18 WATT FULL SPRINGLAMP 65K           | 18      | 120     | e26  | 6500 | 75                      | 1,300          |             | 4.00            | 2.40              | 12,000            |
|       | 48918C       | 18 WATT FULL SPRINGLAMP Candel        | 18      | 120     | e12  | 2700 | 75                      | 1,300          |             | 4.00            | 2.40              | 12,000            |
|       | 48918C41K    | 18 WATT FULL SPRINGLAMP Candel 41K    | 18      | 120     | e12  | 4100 | 75                      | 1,200          |             | 4.00            | 2.40              | 12,000            |
|       | 48918PERM    | 18 WATT FULL SPRINGLAMP PERM BASE     | 18      | 120     | e26  | 2700 | 75                      | 1,300          |             | 4.00            | 2.40              | 12,000            |
|       | 48918Y       | 18 WATT FULL SPRINGLAMP Bug           | 18      | 120     | e26  | —    | 75                      | —              |             | 4.00            | 2.40              | 12,000            |
| 48923 |              |                                       |         |         |      |      |                         |                |             |                 |                   |                   |
|       | 48923        | 23 WATT FULL SPRINGLAMP               | 23      | 120     | e26  | 2700 | 100                     | 1,650          | yes         | 4.00            | 2.40              | 12,000            |
|       | 489231750K   | 23 WATT FULL SPRINGLAMP 1.75 50K      | 23      | 120     | e26  | 5000 | 100                     | 1,550          |             | 4.00            | 2.40              | 12,000            |
|       | 48923225     | 23 WATT FULL SPRINGLAMP 2.25          | 23      | 120     | e26  | 2700 | 100                     | 1,650          |             | 4.00            | 2.40              | 12,000            |
|       | 4892322541K  | 23 WATT FULL SPRINGLAMP 2.25 41K      | 23      | 120     | e26  | 4100 | 100                     | 1,550          |             | 4.00            | 2.40              | 12,000            |
|       | 4892330K     | 23 WATT FULL SPRINGLAMP 30K           | 23      | 120     | e26  | 3000 | 100                     | 1,650          |             | 4.00            | 2.40              | 12,000            |
|       | 4892335K     | 23 WATT FULL SPRINGLAMP 35K           | 23      | 120     | e26  | 3500 | 100                     | 1,650          | yes         | 4.00            | 2.40              | 12,000            |
|       | 4892341K     | 23 WATT FULL SPRINGLAMP 41K           | 23      | 120     | e26  | 4100 | 100                     | 1,650          | yes         | 4.00            | 2.40              | 12,000            |
|       | 4892350K     | 23 WATT FULL SPRINGLAMP 50K           | 23      | 120     | e26  | 5000 | 100                     | 1,600          | yes         | 4.00            | 2.40              | 12,000            |
|       | 4892365K     | 23 WATT FULL SPRINGLAMP 65K           | 23      | 120     | e26  | 6500 | 100                     | 1,550          |             | 4.00            | 2.40              | 12,000            |
|       | 48923F2      | 23 WATT SPRINGLAMP PRO FRESH2         | 23      | 120     | e26  | —    | 100                     | 1,650          |             | 4.00            | 2.40              | 12,000            |
|       | 48923FS      | 23 WATT FULL SPRINGLAMP Full Spect    | 23      | 120     | e26  | —    | 100                     | 1,400          |             | 4.00            | 2.40              | 12,000            |
|       | 48923PERM    | 23 WATT FULL SPRINGLAMP PERM BASE     | 23      | 120     | e26  | 2700 | 100                     | 1,650          |             | 4.00            | 2.40              | 12,000            |
|       | 48923US12    | 23 WATT SPRINGLAMP USA 12 PACK        | 23      | 120     | e26  | 2700 | 100                     | 1,650          | yes         | 4.00            | 2.40              | 12,000            |
| 48927 |              |                                       |         |         |      |      |                         |                |             |                 |                   |                   |
|       | 48927        | 27 WATT FULL SPRINGLAMP               | 27      | 120     | e26  | 2700 | 100                     | 1,850          |             | 5.10            | 2.40              | 12,000            |
|       | 48927225     | 27 WATT FULL SPRINGLAMP 2.25          | 27      | 120     | e26  | 2700 | 100                     | 1,850          |             | 5.50            | 2.40              | 12,000            |
|       | 4892722541K  | 27 WATT FULL SPRINGLAMP 2.25 41K      | 27      | 120     | e26  | 4100 | 100                     | 1,850          |             | 5.50            | 2.40              | 12,000            |
|       | 4892730K     | 27 WATT FULL SPRINGLAMP 30K           | 27      | 120     | e26  | 3000 | 100                     | 1,850          | yes         | 5.10            | 2.40              | 12,000            |
|       | 4892735K     | 27 WATT FULL SPRINGLAMP 35K           | 27      | 120     | e26  | 3500 | 100                     | 1,850          | yes         | 5.10            | 2.40              | 12,000            |
|       | 4892741K     | 27 WATT FULL SPRINGLAMP 41K           | 27      | 120     | e26  | 4100 | 100                     | 1,850          | yes         | 5.10            | 2.40              | 12,000            |
|       | 4892750K     | 27 WATT FULL SPRINGLAMP 50K           | 27      | 120     | e26  | 5000 | 100                     | 1,850          | yes         | 5.10            | 2.40              | 12,000            |
|       | 4892765K     | 27 WATT FULL SPRINGLAMP 65K           | 27      | 120     | e26  | 6500 | 100                     | 1,800          |             | 5.10            | 2.40              | 12,000            |
|       | 48927FS      | 27 WATT FULL SPRINGLAMP FULL SPECTRUM | 27      | 120     | e26  | —    | 100                     | 1,400          |             | 5.10            | 2.40              | 12,000            |
| 48932 |              |                                       |         |         |      |      |                         |                |             |                 |                   |                   |
|       | 48932        | 32 WATT FULL SPRINGLAMP               | 32      | 120     | e26  | 2700 | 125                     | 2,150          |             | 5.10            | 2.70              | 12,000            |
|       | 4893230K     | 32 WATT FULL SPRINGLAMP 30K           | 32      | 120     | e26  | 3000 | 125                     | 2,150          |             | 5.10            | 2.70              | 12,000            |
|       | 4893235K     | 32 WATT FULL SPRINGLAMP 35K           | 32      | 120     | e26  | 3500 | 125                     | 2,150          | yes         | 5.10            | 2.70              | 12,000            |
|       | 4893241K     | 32 WATT FULL SPRINGLAMP 41K           | 32      | 120     | e26  | 4100 | 125                     | 2,050          |             | 5.10            | 2.70              | 12,000            |
|       | 4893250K     | 32 WATT FULL SPRINGLAMP 50K           | 32      | 120     | e26  | 5000 | 125                     | 2,050          |             | 5.10            | 2.70              | 12,000            |
|       | 4893265K     | 32 WATT FULL SPRINGLAMP 65K           | 32      | 120     | e26  | 6500 | 125                     | 2,050          |             | 5.10            | 2.70              | 12,000            |
|       | 48932PERM41K | 32 WATT FULL SPRINGLAMP PERM 41K      | 32      | 120     | e26  | 4100 | 125                     | 2,050          |             | 5.10            | 2.70              | 12,000            |
| 48942 |              |                                       |         |         |      |      |                         |                |             |                 |                   |                   |
|       | 48942        | 42 WATT FULL SPRINGLAMP               | 42      | 120     | e26  | 2700 | 150                     | 2,800          |             | 5.70            | 2.70              | 12,000            |
|       | 4894230K     | 42 WATT FULL SPRINGLAMP 30K           | 42      | 120     | e26  | 3000 | 150                     | 2,750          |             | 5.70            | 2.70              | 12,000            |
|       | 4894235K     | 42 WATT FULL SPRINGLAMP 35K           | 42      | 120     | e26  | 3500 | 150                     | 2,750          |             | 5.70            | 2.70              | 12,000            |
|       | 4894241K     | 42 WATT FULL SPRINGLAMP 41K           | 42      | 120     | e26  | 4100 | 150                     | 2,700          |             | 5.70            | 2.70              | 12,000            |
|       | 4894250K     | 42 WATT FULL SPRINGLAMP 50K           | 42      | 120     | e26  | 5000 | 150                     | 2,700          |             | 5.70            | 2.70              | 12,000            |
|       | 4894265K     | 42 WATT FULL SPRINGLAMP 65K           | 42      | 120     | e26  | 6500 | 150                     | 2,650          |             | 5.70            | 2.70              | 12,000            |
|       | 48942PERM50K | 42 WATT FULL SPRINGLAMP PERM 50K      | 42      | 120     | e26  | 5000 | 150                     | 2,750          |             | 5.70            | 2.70              | 12,000            |