



**PRO**

*A New Generation of Dimmable CFLs*

# NEW! TCP PRO DIMMABLE SERIES

From bright to low light and everything in between, TCP's new Pro series dimmable bulbs dim smoothly. Reliable. Durable. Brilliant!

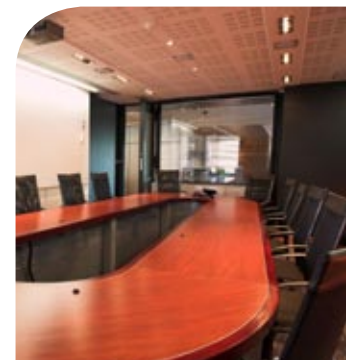
- Uniform and smooth dimming!
- Technological advances make for longer-lasting bulb.
- Long Life: great for commercial, hospitality and residential spaces.
- Perfect for conference rooms, lobbies, auditoriums, home theaters – any dimming application.



## Dimmable CFLs

Item#	Description	Lumens	Life	M.O.L.	Diameter
40114	14 Watt Dimmable SpringLamp®	850	10,000 hrs	4.4"	2.0"
40123	23 Watt Dimmable SpringLamp®	1500	10,000 hrs	4.9"	2.4"
2R2014DIM	14 Watt Dimmable R20 Flood	410	8,000 hrs	4.4"	2.5"
2R3016DIM	16 Watt Dimmable R30 Flood	650	8,000 hrs	5.4"	3.7"
2R4019DIM	19 Watt Dimmable R40 Flood	900	8,000 hrs	6.1"	4.8"

Available in 2700K, 3000K, 3500K, 4100K, 5000K and 6500K



### TCP, Inc.

325 Campus Dr. | Aurora, Ohio 44202 | P: 800-324-1496 | F: 330-995-6188 | tcp.com

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





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### Superior Performance:

- |                          |   |
|--------------------------|---|
| <i>Dimming</i>           | <ul style="list-style-type: none"><li>• Uniform and smooth dimming from 100–20%</li></ul>   |
| <i>Life</i>              | <ul style="list-style-type: none"><li>• Optimized electronics maximizes lamp life</li><li>• 10,000 hours Springlamps, 8,000 hours Covered Bulbs</li></ul> |
| <i>Lumen output</i>      | <ul style="list-style-type: none"><li>• Excellent high lumens/watt ratio</li></ul>  |
| <i>Enclosed fixtures</i> | <ul style="list-style-type: none"><li>• Springlamps UL approved for enclosed fixtures 23watt and below</li></ul>  |
| <i>Power Factor</i>      | <ul style="list-style-type: none"><li>• High Power Factor Rated &gt; .90 and FCC Compliant at full power.</li></ul>                                       |

### Cutting-Edge Technology:

- |                                 |   |
|---------------------------------|---|
| <i>Optimized Circuit Design</i> | <ul style="list-style-type: none"><li>• For uniform and smooth dimming operation</li><li>• Engineered to ensure optimal lamp performance during dim mode or full power</li><li>• Designed to run at cooler operating temperature maximizing lamp life</li><li>• Meets FCC Consumer limits</li></ul> |
| <i>Low-end cut-off</i>          | <ul style="list-style-type: none"><li>• Intelligent circuit design automatically turns bulb off at preset position for zero low-end flicker</li><li>• Zero low end flicker preserves long lamp life, no early failure</li></ul>   |
| <i>Unique Circuitry</i>         | <ul style="list-style-type: none"><li>• Modifies cathode operation during dim mode which extends lamp life</li><li>• Prevents sputtering and end blackening which causes early failure</li><li>• Re-illuminates at high-end for no-flicker turn-on, preserving long lamp life</li></ul>             |
| <i>End-of-Life Circuitry</i>    | <ul style="list-style-type: none"><li>• Shuts bulb off automatically if it senses any lamp starting issues or end of life conditions</li><li>• Complies with proposed UL 1993 Edition 3 Standard</li></ul>  |
| <i>Glass Tube</i>               | <ul style="list-style-type: none"><li>• Proprietary internal glass pre-coat improves lumen output/depreciation thru the life of the bulb</li><li>• Optimal tube pressure level enhances dimming performance</li></ul>   |



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