

TCP TruDim Covered Lamps

12,000 Hours average rated life, 120 V

TruDim™

Technology by TCP

Applications:

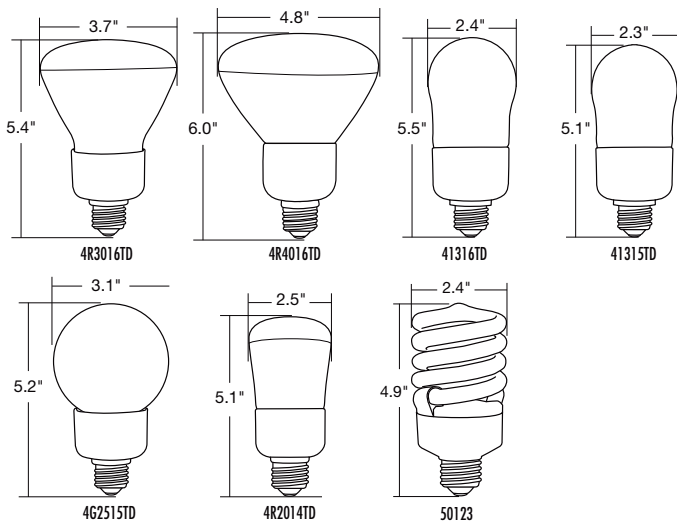
Perfect for most dimmable applications: Use where a standard incandescent is used.

- + Table Lamps
- + Chandeliers
- + Wall Sconces
- + Ceiling Fixtures
- + Recessed Cans



Features and Benefits

- Multi-level adaptive circuitry provides stable linear dimming from 100 to 2%
- Features a dimming curve that closely matches the human eye response of incandescent dimming
- Overdrive technology provides faster run-up time
- Superior circuitry design controls low dim level starting capability
- Zero low end flicker
- Unique NanoTi pre-phosphor coating improves Lumen Maintenance over the life of the lamp



TCP reserves the right to void the warranty for any misapplication of these products.

Warranties and Certifications:	Item #	Description	Wattage	Incandescent Wattage Comparison	Initial Lumens	M.O.L. (inches)	Diameter (inches)	Input Line Current	Lamp Shape
 	4R3016TD	16 WATT R30 Dimmable	16	65W	650	5.4	3.7	.19A	R30
	4R2014TD	14 WATT R20 Dimmable	14	50W	410	5.1	2.5	.17A	R20
	4R4016TD	16 WATT R40 Dimmable	16	65W	750	6.1	4.8	.19A	R40
	41316TD	16 WATT A-Lamp Dimmable	16	60W	850	5.5	2.4	.19A	A-21
	41315TD	15 WATT A-Lamp Dimmable	15	60W	750	5.1	2.3	.18A	A-19
	4G2515TD	15 WATT G25 Globe Dimmable	15	60W	750	5.2	3.1	.18A	G25
	50123	23 WATT Full Spring Dimmable	23	100W	1500	4.9	2.4	.23A	Spring

Catalog Number	
Notes	Type



Specifications (at full brightness)

End of Life Protection.....	Yes
Ballast type	Electronic
Starting method.....	Programmed Rapid Start
Voltage	120VAC
Frequency	50/60 HZ
CRI	82
FCC Compliance	47 CFR Part 18
Power Factor	> .70 at full power
Rated Life	12,000 Hours

Special Application Notes

- UL approved for wet location in base up position.
- 2 hour burn-in time at full power recommended.
- Covered and Reflectors UL approved for wet location base up position.
- 50123 approved for open recessed cans and enclosed non-recessed fixtures.

Suggested Dimmer:

Designed specifically for use with standard non-illuminated 600 watt incandescent slide or rotary dimmer. Consult TCP Technical Support or dimmer manufacturer for compatibility with other dimmer types. Can also be used with dimmers designed specifically for CFLs.





TruDim™ Dimmable Covered CFL Specification

Color Temperature	Item #	Description	Wattage	Incandescent Wattage Comparison	Initial Lumens	M.O.L. (inches)	Diameter (inches)	Input Line Current	Lamp Shape
2700°K	4R3016TD	16 WATT R30 Dimmable	16	65W	650	5.4	3.7	.19A	R30
	4R2014TD	14 WATT R20 Dimmable	14	50W	410	5.1	2.5	.17A	R20
	4R4016TD	16 WATT R40 Dimmable	16	65W	750	6.1	4.8	.19A	R40
	41316TD	16 WATT A-Lamp Dimmable	16	60W	850	5.5	2.4	.19A	A-21
	41315TD	15 WATT A-Lamp Dimmable	15	60W	750	5.1	2.3	.18A	A-19
	4G2515TD	15 WATT G25 Globe Dimmable	15	60W	750	5.2	3.1	.18A	G25
	50123	23 WATT Full Spring Dimmable	23	100W	1500	4.9	2.4	.23A	Spring
3000°K ordering suffix 30K	4R3016TD30K	16 WATT R30 Dimmable 3000K	16	65W	650	5.4	3.7	.19A	R30
	4R2014TD30K	14 WATT R20 Dimmable 3000K	14	50W	410	5.1	2.5	.17A	R20
	4R4016TD30K	16 WATT R40 Dimmable 3000K	16	65W	750	6.1	4.8	.19A	R40
	41316TD30K	16 WATT A-Lamp Dimmable 3000K	16	60W	850	5.5	2.4	.19A	A-21
	41315TD30K	15 WATT A-Lamp Dimmable 3000K	15	60W	750	5.1	2.3	.18A	A-19
	4G2515TD30K	15 WATT G25 Globe Dimmable 3000K	15	60W	750	5.2	3.1	.18A	G25
	5012330K	23 WATT Full Spring Dimmable 3000K	23	100W	1500	4.9	2.4	.23A	Spring
3500°K ordering suffix 35K	4R3016TD35K	16 WATT R30 Dimmable 3500K	16	65W	600	5.4	3.7	.19A	R30
	4R2014TD35K	14 WATT R20 Dimmable 3500K	14	50W	380	5.1	2.5	.17A	R20
	4R4016TD35K	16 WATT R40 Dimmable 3500K	16	65W	700	6.1	4.8	.19A	R40
	41316TD35K	16 WATT A-Lamp Dimmable 3500K	16	60W	800	5.5	2.4	.19A	A-21
	41315TD35K	15 WATT A-Lamp Dimmable 3500K	15	60W	700	5.1	2.3	.18A	A-19
	4G2515TD35K	15 WATT G25 Globe Dimmable 3500K	15	60W	700	5.2	3.1	.18A	G25
	5012335K	23 WATT Full Spring Dimmable 3500K	23	100W	1500	4.9	2.4	.23A	Spring
4100°K ordering suffix 41K	4R3016TD41K	16 WATT R30 Dimmable 4100K	16	65W	600	5.4	3.7	.19A	R30
	4R2014TD41K	14 WATT R20 Dimmable 4100K	14	50W	380	5.1	2.5	.17A	R20
	4R4016TD41K	16 WATT R40 Dimmable 4100K	16	65W	700	6.1	4.8	.19A	R40
	41316TD41K	16 WATT A-Lamp Dimmable 4100K	16	60W	800	5.5	2.4	.19A	A-21
	41315TD41K	15 WATT A-Lamp Dimmable 4100K	15	60W	700	5.1	2.3	.18A	A-19
	4G2515TD41K	15 WATT G25 Globe Dimmable 4100K	15	60W	700	5.2	3.1	.18A	G25
	5012341K	23 WATT Full Spring Dimmable 4100K	23	100W	1450	4.9	2.4	.23A	Spring
5000°K ordering suffix 50K	4R3016TD50K	16 WATT R30 Dimmable 5000K	16	65W	550	5.4	3.7	.19A	R30
	4R2014TD50K	14 WATT R20 Dimmable 5000K	14	50W	380	5.1	2.5	.17A	R20
	4R4016TD50K	16 WATT R40 Dimmable 5000K	16	65W	675	6.1	4.8	.19A	R40
	41316TD50K	16 WATT A-Lamp Dimmable 5000K	16	60W	775	5.5	2.4	.19A	A-21
	41315TD50K	15 WATT A-Lamp Dimmable 5000K	15	60W	675	5.1	2.3	.18A	A-19
	4G2515TD50K	15 WATT G25 Globe Dimmable 5000K	15	60W	675	5.2	3.1	.18A	G25
	5012350K	23 WATT Full Spring Dimmable 5000K	23	100W	1450	4.9	2.4	.23A	Spring
6500°K ordering suffix 65K	4R3016TD65K	16 WATT R30 Dimmable 6500K	16	65W	550	5.4	3.7	.19A	R30
	4R2014TD65K	14 WATT R20 Dimmable 6500K	14	50W	380	5.1	2.5	.17A	R20
	4R4016TD65K	16 WATT R40 Dimmable 6500K	16	65W	675	6.1	4.8	.19A	R40
	41316TD65K	16 WATT A-Lamp Dimmable 6500K	16	60W	775	5.5	2.4	.19A	A-21
	41315TD65K	15 WATT A-Lamp Dimmable 6500K	15	60W	675	5.1	2.3	.18A	A-19
	4G2515TD65K	15 WATT G25 Globe Dimmable 6500K	15	60W	675	5.2	3.1	.18A	G25
	5012365K	23 WATT Full Spring Dimmable 6500K	23	100W	1400	4.9	2.4	.23A	Spring

