

shining new light on CFLs



# CFLs

## Taking CFL Lighting to the Next Level

More than just a light bulb. Fresh2Ti is a revolutionary product that eliminates odors while providing energy-efficient light. Begins working in just 10 minutes!



fresh<sup>2</sup>Ti

A Whole New Atmosphere



SpringLamps<sup>®</sup>

### FEATURES / BENEFITS

- Smallest size of CFLs ever
- Quickstart technology
- Fast run-up time
- Proprietary glass and coating process
- High initial lumens
- Excellent lumen maintenance
- Cool, reliable operating temperature
- Wide range of options and accessories

# Shining new light on energy efficient lighting

CFLs are not only practical, but they are also versatile. Because CFLs come in such a variety of shapes, sizes, wattages and color temperatures, they are ideal for a wide range of applications.



SpringLamps®



Floods



Torpedos



A-Lamps



Globes



Flat Pars



Circlines



Mini Springs



GU Base

**Energy Efficient**

Long lamp life, high energy savings and low maintenance — It's not just something we say, it's something we do — you'll find all three in every TCP product.

**Flexible**









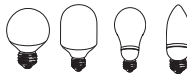



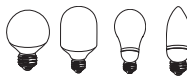



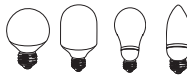



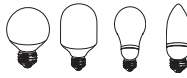



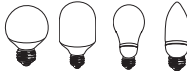













Our experienced team of lighting designers can create custom lighting products to fit even your most difficult applications.

**Dependable**

With the high quality standards all our products must meet, you are guaranteed to have a lighting source that performs in the harshest environments.

## Specialty lighting application options

Specialty lamps are available as special order items. To order, use the TCP item # with the suffix listed after each specialty lamps description.

OPTION	ORDER SUFFIX	AVAILABLE FOR:			
<b>Wet Location</b>	WL	 SpringLamp Series 280, 289, 182, 101			
<b>Shatter Resistant</b>	SS	 SpringLamp Series 280, 289, 182, 101, 159, 160, 161	 Floodlight R20	 PL Lamps twin, quad, tripple	 Flat Pars PF20, PF30, PF38
<b>3100 K</b>	31K	 SpringLamp Series 280, 289, 182, 101, 159, 160, 161, GU	 T6 Circline	 Floodlight 1R, 2R, 1P, 2P	 Decorative 1G, 2G, 1T, 113, 213, 107
<b>3500 K</b>	35K	 SpringLamp Series 280, 289, 182, 101, 159, 160, 161, GU	 T6 Circline	 Floodlight 1R, 2R, 1P, 2P	 Decorative 1G, 2G, 1T, 113, 213, 107
<b>4100 K</b>	41K	 SpringLamp Series 280, 289, 182, 101, 159, 160, 161, GU	 T6 Circline	 Floodlight 1R, 2R, 1P, 2P	 Decorative 1G, 2G, 1T, 113, 213, 107
<b>5100 K</b>	51K	 SpringLamp Series 280, 289, 182, 101, 159, 160, 161, GU	 T6 Circline	 Floodlight 1R, 2R, 1P, 2P	 Decorative 1G, 2G, 1T, 113, 213, 107
<b>6500 K</b>	65K	 SpringLamp Series 280, 289, 182, 101, 159, 160, 161	 T6 Circline	 Floodlight 1R, 2R, 1P, 2P	 Decorative 1G, 2G, 1T, 113, 213, 107
<b>Full Spectrum</b>	FS	 SpringLamp Series 28909 – 28942, 28009 – 28027			
<b>Pink/Soft Pink</b>	P SP	 SpringLamp Series 280, 289, 182, 101, 159, 160, 161		 Floodlight 1R, 2R, 1P, 2P	
<b>Yellow</b>	Y	 SpringLamp Series 28013 – 28023, 28913 – 28923	 A lamp 21314	 1P3823, 2P3819	
<b>Green • Blue • Red</b>	GR BL RD	 SpringLamp Series 28902 – 28913	 A lamp 11304	 Floodlight 1R, 2R, 1P, 2P	
<b>Long Neck</b>	1.65" 165 1.75" 175 2.25" 225	 SpringLamp Series 182, 101, 159, 160, 161, 28009 – 28027, 28909 – 28942	 T6 Circline	 Floodlight 1R, 2R, 1P, 2P, PF	
<b>277 Volts</b>	277X H277	 SpringLamp 28927 – 28942 SpringLamp Mogul Base 28927 – 28942			
<b>BlackLight</b>	BK	Call for availability			
<b>Permanent Installation</b>	PERM	Call for availability			

### Mini Springs

Smallest size CFLs ever! Mini Springs fit where other lamps are too large, while giving off an incredible amount of light for their size.

### SpringLamps®

With Quickstart Technology and fast run-up time, our SpringLamps are ideal for a variety of applications including: bare bulb fixtures, chandeliers, ceiling fixtures, desk lamps, floor lamps, outdoor lights, table lamps, recessed cans and wall sconces.

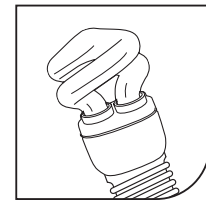
### FreshTi

FreshTi is a revolutionary product that breaks down odors while providing energy-efficient light. Simply turn on your light and FreshTi begins eliminating odors in just 10 minutes!

ITEM NUMBER	ITEM DESCRIPTION	UNIT/BALLAST WATTS	LAMP WATTS	INCANDESCENT COMPARISON (WATTS)	INITIAL LUMENS	CCT (KELVIN)	CRI	MOI/HEIGHT (INCHES)	DIAMETER/WIDTH (INCHES)	REPLACEMENT BRACKET	REPLACEMENT LAMP	BASE TYPE
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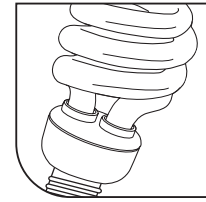
#### MINI MINI, ELECTRONIC, NPF, 8,000 HOUR, <150% THD

28902	2 Watt Mini-SpringLamp	2	N/A	15	150	2700	82	3.00	1.25	N/A	N/A	E26
28902C	2 Watt Mini-SpringLamp	2	N/A	15	150	2700	82	3.00	1.25	N/A	N/A	Candelabra
28902T	2 Watt Tall Mini-Spring Lamp	2	N/A	15	150	2700	82	3.13	1.25	N/A	N/A	E26
28902TC	2 Watt Tall Mini-Spring Lamp	2	N/A	15	150	2700	82	3.10	1.20	N/A	N/A	Candelabra
28904★	4 Watt Mini-SpringLamp	4	N/A	25	250	2700	82	3.00	1.50	N/A	N/A	E26
28904C	4 Watt Mini-SpringLamp	4	N/A	25	250	2700	82	3.10	1.50	N/A	N/A	Candelabra
28904T★	4 Watt Tall Mini-Spring Lamp	4	N/A	25	250	2700	82	3.60	1.25	N/A	N/A	E26
28904TC	4 Watt Tall Mini-Spring Lamp	4	N/A	25	250	2700	82	3.50	1.20	N/A	N/A	Candelabra



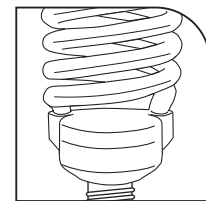
#### MINI SPRINGLAMPS, ELECTRONIC, NPF, 10,000 HOUR, <150% THD

28909★	9 Watt Mini-SpringLamp	9	N/A	40	550	2700	82	3.60	1.90	N/A	N/A	E26
28913★	13 Watt Mini-Spring Lamp	13	N/A	60	900	2700	82	3.90	1.90	N/A	N/A	E26
*12000 Lamp Life												
28918	18 Watt Mini-Spring Lamp	18	N/A	75	1200	2700	82	4.40	2.30	N/A	N/A	E26
28923★	23 Watt Mini-Spring Lamp	23	N/A	100	1600	2700	82	4.70	2.40	N/A	N/A	E26
28923FS	23 Watt Mini-Spring Lamp Full Spectrum	23	N/A	100	1200	5500	90	4.70	2.40	N/A	N/A	E26
28927M★	27 Watt Mini-Spring Lamp	27	N/A	100	1850	2700	82	5.10	2.40	N/A	N/A	E26
19032	14/19/32 Watt 3-Way SpringLamp	14 19 32	N/A N/A N/A	40 75 150	450 1100 1950	2700	82	6.80	2.40	N/A	N/A	E26



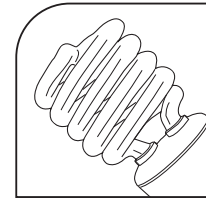
#### SPRINGLAMPS, ELECTRONIC, NPF, 10,000 HOUR, <150% THD

28932★	32 Watt SpringLamp	32	N/A	120	2100	2700	82	6.10	2.70	N/A	N/A	E26
28932H	32 Watt SpringLamp Mogul Base	32	N/A	120	2200	2700	82	6.60	2.80	N/A	N/A	Mogul
28942	42 Watt SpringLamp	42	N/A	150	2800	2700	82	7.00	2.80	N/A	N/A	E26
28942H	42 Watt SpringLamp Mogul Base	42	N/A	150	2800	2700	82	7.50	2.80	N/A	N/A	Mogul
28968	68 Watt SpringLamp	68	N/A	300	4200	2700	82	9.50	4.10	N/A	N/A	E26
28968H	68 Watt SpringLamp Mogul Base	68	N/A	300	4200	2700	82	9.90	4.10	N/A	N/A	Mogul
28930BD	30 Watt Base Down SpringLamp	30	N/A	120	2100	2700	82	5.40	3.00	N/A	N/A	E26
28942BD	42 Watt Base Down SpringLamp	42	N/A	150	2650	2700	82	5.70	2.70	N/A	N/A	E26



#### SPRINGLAMPS, ELECTRONIC, NPF, 10,000 HOUR, 277V, <150% THD

28927H277	27 Watt SpringLamp 277 Volt, Mogul Base	27	N/A	100	1950	2700	82	6.20	2.80	N/A	N/A	Mogul
28932H277	32 Watt SpringLamp 277 Volt, Mogul Base	32	N/A	120	2200	2700	82	6.60	2.80	N/A	N/A	Mogul
28942H277	42 Watt Base Down 277 Volt, Mogul Base	42	N/A	150	2800	2700	82	7.50	2.80	N/A	N/A	Mogul
28968H277	68 Watt Base Down 277 Volt, Mogul Base	68	N/A	300	4250	2700	82	9.90	4.10	N/A	N/A	Mogul



★ = Energy Star

Compact Fluorescent Lamps

2008

**3-Way SpringLamps®**

Fits any standard 3-way lamp application. All the flexibility of a 3-way bulb, with the energy savings of a CFL!

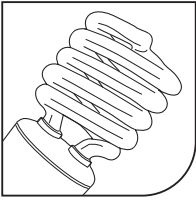

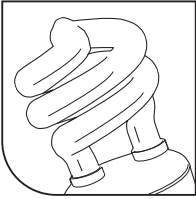
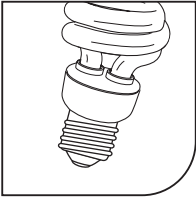
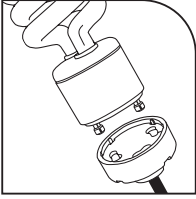
**HPF SpringLamps®**

The High Power Factor SpringLamps are perfect for closet lights, desk lamps, floor lamps, table lamps or where any incandescent will fit!

**GU Lamps**

The GU24 Base introduces our SpringLamp technology with a GU-based socket. The socket allows energy efficiency in fixtures designed to accommodate incandescent lamps without changing the aesthetics.

**ONE-PIECE SPRINGLAMPS®**

ITEM NUMBER	ITEM DESCRIPTION	UNIT/BALLAST WATTS	LAMP WATTS	INCANDESCENT COMPARISON (WATTS)	INITIAL LUMENS	CCT (KELVIN)	CRI	MOL/HEIGHT (INCHES)	DIAMETER/WIDTH (INCHES)	REPLACEMENT BRACKET	REPLACEMENT LAMP	BASE TYPE	
<b>FRESH<sup>2</sup>Ti™ ODOR ELIMINATING LIGHT BULB, ELECTRONIC, NPF, 10,000 HOUR, &lt;150% THD</b>													
	28914F2	14 Watt SpringLamp Fresh2®	14	N/A	60	800	2700	82	4.75	1.75	N/A	N/A	E26
	28923F2	23 Watt Mini-Spring Lamp Fresh2®	23	N/A	100	1600	2700	82	5.00	2.30	N/A	N/A	E26
	28927MF2	27 Watt Mini-Spring Lamp Fresh2®	27	N/A	100	1850	2700	82	5.10	2.40	N/A	N/A	E26
	17040LF2	40 Watt Circline Fresh2®	40	N/A	150	2800	2850	82	3.65	7.50	N/A	N/A	E26
<b>DIMMABLE SPRINGLAMPS, ELECTRONIC, HPF, 10,000 HOUR, &lt;33% THD</b>													
	10109	9 Watt Dimmable SpringLamp	9	N/A	35	400	2700	82	4.40	2.20	N/A	N/A	E26
	10111	11 Watt Dimmable SpringLamp	11	N/A	40	550	2700	82	4.10	2.20	N/A	N/A	E26
	10115	15 Watt Dimmable SpringLamp	15	N/A	60	930	2700	82	4.88	2.20	N/A	N/A	E26
	10120 ★	20 Watt Dimmable SpringLamp	20	N/A	75	1200	2700	82	5.28	2.20	N/A	N/A	E26
	10123	23 Watt Dimmable SpringLamp	23	N/A	100	1300	2700	82	5.40	2.30	N/A	N/A	E26
<b>HPF SPRINGLAMPS, ELECTRONIC, 10,000 HOUR, &lt;33% THD</b>													
	18214	14 Watt Mini-Spring Lamp	14	N/A	60	900	2700	82	4.75	1.75	N/A	N/A	E26
	18219	19 Watt Mini-Spring Lamp	19	N/A	75	1250	2700	82	4.70	2.35	N/A	N/A	E26
	18209	9 Watt SpringLamp	9	N/A	35	400	2700	82	4.70	2.20	N/A	N/A	E26
	18211	11 Watt SpringLamp	11	N/A	40	550	2700	82	4.85	2.20	N/A	N/A	E26
	18215 ★	15 Watt SpringLamp	15	N/A	60	900	2700	82	5.30	2.20	N/A	N/A	E26
	18220 ★	20 Watt SpringLamp	20	N/A	75	1200	2700	82	5.56	2.20	N/A	N/A	E26
	18223	23 Watt SpringLamp	23	N/A	90	1400	2700	82	5.80	2.20	N/A	N/A	E26
	18227	27 Watt SpringLamp	27	N/A	100	1950	2700	82	6.00	2.20	N/A	N/A	E26
<b>SPRINGLAMPS, ELECTRONIC, NPF, 15,000 HOUR, &lt;150% THD</b>													
	28009	9 Watt SpringLamp	9	N/A	40	550	2700	82	3.60	1.90	N/A	N/A	E26
	28013	13 Watt SpringLamp	13	N/A	60	900	2700	82	3.90	1.90	N/A	N/A	E26
	28018	18 Watt SpringLamp	18	N/A	75	1200	2700	82	4.60	2.30	N/A	N/A	E26
	28023	23 Watt SpringLamp	23	N/A	100	1600	2700	82	4.80	2.30	N/A	N/A	E26
	28027M	27 Watt Mini-Spring Lamp	27	N/A	100	1850	2700	82	5.10	2.40	N/A	N/A	E26
<b>GU24 SPRINGLAMPS, 10,000 HOUR, 120 V / GU24 PL LAMPS, 10,000 HOUR, 120 V</b>													
	SpringLamps:												
	33109SP	9 Watt SpringLamp	9	9	45	600	2700	82	3.40	1.80	N/A	N/A	GU24
	33113SP ★P	13 Watt SpringLamp	13	13	60	900	2700	82	3.60	1.80	N/A	N/A	GU24
	33118SP ★P	18 Watt SpringLamp	18	18	75	1200	2700	82	3.80	2.30	N/A	N/A	GU24
	33123SP ★P	23 Watt SpringLamp	23	23	90	1600	2700	82	4.40	2.40	N/A	N/A	GU24
	33127SP ★P	27 Watt SpringLamp	27	27	100	1800	2700	82	4.80	2.40	N/A	N/A	GU24
	PL Lamps:												
	33109Q	9 Watt Quad Tube	9	9	45	600	2700	82	4.50	1.50	N/A	N/A	GU24
	33113Q	13 Watt Quad Tube	13	13	60	900	2700	82	4.50	1.50	N/A	N/A	GU24
	33118Q	18 Watt Quad Tube	18	18	75	1200	2700	82	6.10	1.50	N/A	N/A	GU24

★ = Energy Star

★P = Energy Star Platform

\* GU24 base lamp also available in 30K, 31K, 35K, 41K and 51K color temperatures.

**Benefits of 2-Piece**

Excellent for retrofit of HID, HPS fixtures. Long life since ballast is separate and not effected by heat from lamp.

**Variety**

So many different kinds, sizes and color temperatures of CFLs, means energy and cost savings for any application!

**A bright idea**

Trade in your incandescent for CFLs – you'll save energy and money!

# The CFL Advantage

## Compare & Save:

- 5** Percent of the energy incandescent bulbs convert into light (the rest is given off as heat)
- 1,300** Number of pounds of carbon dioxide saved when a 75 Watt incandescent bulb is replaced by a 20 Watt CFL.
- \$55** Amount a consumer would save on the same replacement of bulbs, over the life of the bulb.
- 750** Number of hours an incandescent bulb lasts.
- 10,000** Number of hours a CFL lasts.
- 750** Number of kilowatt-hours, over 10,000 hours, used by an incandescent bulb.
- 180** Number of kilowatt-hours, over 10,000 hours, used by a CFL.



## Why make the switch?

-  **CFLs Help Fight Global Warming**  
Less energy – same amount of light
-  **CFLs Prevent Other Pollution**  
Less energy = less pollution
-  **CFLs Save Money**  
CFLs last longer so you don't have to replace them as often. Also, less energy = lower energy bills.

TCP, the world's largest manufacturer of compact fluorescent lamps, is committed to creating energy efficient products to help reduce the CO2 emissions that the United States produces on an annual basis. Our compact fluorescent SpringLamps®, A-lamps and globes are just a few of the many energy efficient products that helps drive our clean energy business into the future.



Compact Fluorescent Lamps

2008

**Less but more**  
CFLs use 66% less energy than a standard incandescent bulb and last up to 10 times longer.

**When 1's a lonely number**  
Our 2-Piece lamps are ideal for closet lights, ceiling lights, floor lamps, and table lamps.

Green Alert

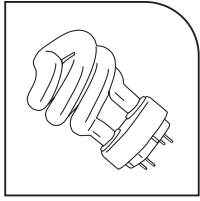


**Clean up the earth**  
If every household in the U.S. replaced one light bulb with a CFL, it would prevent enough pollution to equal removing one million cars from the road.

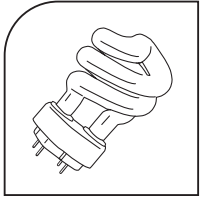
## TWO-PIECE REPLACEMENT SPRINGLAMPS®



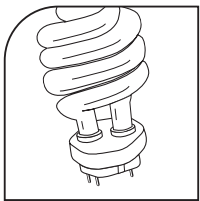
ITEM NUMBER	ITEM DESCRIPTION	UNIT/BALLAST WATTS	LAMP WATTS	INCANDESCENT COMPARISON (WATTS)	INITIAL LUMENS	CCT (KELVIN)	CRI	MOL/HEIGHT (INCHES)	DIAMETER/WIDTH (INCHES)	REPLACEMENT BRACKET	REPLACEMENT LAMP	BASE TYPE
<b>2-PIECE REPLACEMENT LAMPS, TCX BASE, PL 4-PIN, AMALGAM, 10,000 HR ( 50,000 HR BALLAST)</b>												
35009M	9 Watt Mini-SpringLamp	9	N/A	40	600	2700	82	3.00	1.80	N/A	N/A	TCX 4-pin
35011M	11 Watt Mini-SpringLamp	11	N/A	52	650	2700	82	3.00	1.80	N/A	N/A	TCX 4-pin
35014M	14 Watt Mini-SpringLamp	14	N/A	60	900	2700	82	3.10	1.80	N/A	N/A	TCX 4-pin
35009	9 Watt SpringLamp	9	N/A	35	400	2700	82	2.60	2.20	N/A	N/A	TCX 4-pin
35011	11 Watt SpringLamp	11	N/A	40	550	2700	82	2.80	2.20	N/A	N/A	TCX 4-pin
35015	15 Watt SpringLamp	15	N/A	60	930	2700	82	3.10	2.20	N/A	N/A	TCX 4-pin
35018	18 Watt SpringLamp	18	N/A	75	1150	2700	82	3.40	2.20	N/A	N/A	TCX 4-pin
35020	20 Watt SpringLamp	20	N/A	75	1200	2700	82	3.40	2.20	N/A	N/A	TCX 4-pin
35023	23 Watt SpringLamp	23	N/A	90	1400	2700	82	3.70	2.20	N/A	N/A	TCX 4-pin
35026	26 Watt SpringLamp	26	N/A	100	1750	2700	82	4.30	2.20	N/A	N/A	TCX 4-pin
35032	32 Watt SpringLamp	32	N/A	125	2100	2700	82	4.80	2.20	N/A	N/A	TCX 4-pin
35042	42 Watt SpringLamp	42	N/A	150	2650	2700	82	5.70	2.70	N/A	N/A	TCX 4-pin



ITEM NUMBER	ITEM DESCRIPTION	UNIT/BALLAST WATTS	LAMP WATTS	INCANDESCENT COMPARISON (WATTS)	INITIAL LUMENS	CCT (KELVIN)	CRI	MOL/HEIGHT (INCHES)	DIAMETER/WIDTH (INCHES)	REPLACEMENT BRACKET	REPLACEMENT LAMP	BASE TYPE
<b>SPRINGLAMP DIMMABLE REPLACEMENT LAMPS, TCX BASE, PL 4-PIN, AMALGAM, 10,000 HR ( 50,000 HR BALLAST)</b>												
36009	9 Watt SpringLamp	9	N/A	35	400	2700	82	2.60	2.20	N/A	N/A	TCX 4-pin
36011	9 Watt SpringLamp	11	N/A	40	550	2700	82	2.80	2.20	N/A	N/A	TCX 4-pin
36015	9 Watt SpringLamp	15	N/A	60	930	2700	82	3.10	2.20	N/A	N/A	TCX 4-pin
36018	9 Watt SpringLamp	18	N/A	75	1150	2700	82	3.40	2.20	N/A	N/A	TCX 4-pin
36020	9 Watt SpringLamp	20	N/A	75	1200	2700	82	3.40	2.20	N/A	N/A	TCX 4-pin



ITEM NUMBER	ITEM DESCRIPTION	UNIT/BALLAST WATTS	LAMP WATTS	INCANDESCENT COMPARISON (WATTS)	INITIAL LUMENS	CCT (KELVIN)	CRI	MOL/HEIGHT (INCHES)	DIAMETER/WIDTH (INCHES)	REPLACEMENT BRACKET	REPLACEMENT LAMP	BASE TYPE
<b>2-PIECE REPLACEMENT LAMPS, GX24 BASE, PL 4-PIN, AMALGAM, 10,000 HR ( 50,000 HR BALLAST)</b>												
33009M	9 Watt Mini-Spring	9	N/A	40	600	2700	82	3.00	1.80	N/A	N/A	GX24 / 4-pin
33011M	11 Watt Mini-Spring	11	N/A	52	650	2700	82	3.00	1.80	N/A	N/A	GX24 / 4-pin
33014M	14 Watt Mini-Spring	14	N/A	60	900	2700	82	3.10	1.80	N/A	N/A	GX24 / 4-pin
33011	11 Watt SpringLamp	11	N/A	40	550	2700	82	3.40	2.20	N/A	N/A	GX24 / 4-pin
33015	15 Watt SpringLamp	15	N/A	60	930	2700	82	3.70	2.20	N/A	N/A	GX24 / 4-pin
33018	18 Watt SpringLamp	18	N/A	75	1150	2700	82	4.00	2.20	N/A	N/A	GX24 / 4-pin
33020	20 Watt SpringLamp	20	N/A	75	1200	2700	82	4.00	2.20	N/A	N/A	GX24 / 4-pin
33023	23 Watt SpringLamp	23	N/A	90	1400	2700	82	4.20	2.20	N/A	N/A	GX24 / 4-pin
33026	26 Watt SpringLamp	26	N/A	100	1750	2700	82	4.80	2.20	N/A	N/A	GX24 / 4-pin
33032	32 Watt SpringLamp	32	N/A	125	2100	2700	82	5.30	2.20	N/A	N/A	GX24 / 4-pin
33042	42 Watt SpringLamp	42	N/A	150	2800	2700	82	5.60	2.50	N/A	N/A	GX24 / 4-pin





**Low Maintenance**

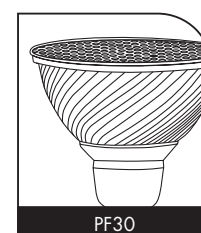
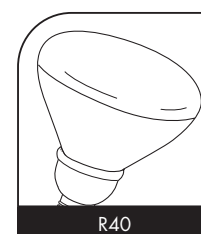
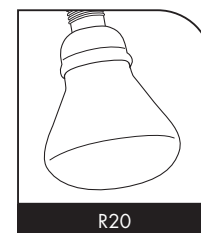
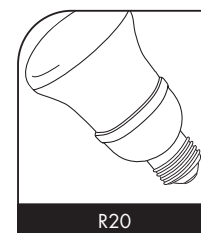
An energy solution for hard to reach light fixtures indoors or outdoors.

**Flat Par**

The Flat Pars are a direct replacement for halogen and fit perfect in a gimble ring!

**ONE-PIECE FLOOD LAMPS**

ITEM NUMBER	ITEM DESCRIPTION	UNIT/BALLAST WATTS	LAMP WATTS	INCANDESCENT COMPARISON (WATTS)	INITIAL LUMENS	CCT (KELVIN)	CRI	MOI/HEIGHT (INCHES)	DIAMETER/WIDTH (INCHES)	REPLACEMENT BRACKET	REPLACEMENT LAMP	BASE TYPE
<b>1-PIECE REFLECTORS, WET LOCATION RATED, ELECTRONIC, NPF, 8,000 HOUR</b>												
1R2004	4 Watt R20 Floodlight	4	N/A	15	130	2700	82	3.80	2.50	N/A	N/A	E26
1R2009 ★	9 Watt R20 Floodlight	9	N/A	25	300	2700	82	3.80	2.50	N/A	N/A	E26
1R2014 ★	14 Watt R20 Floodlight	14	N/A	50	500	2700	82	4.30	2.50	N/A	N/A	E26
2R3014 ★	14 Watt R30 Floodlight	14	N/A	65	650	2700	82	5.40	3.70	N/A	N/A	E26
2R3016 ★	16 Watt R30 Floodlight	16	N/A	75	750	2700	82	5.70	3.70	N/A	N/A	E26
1P3016	16 Watt PAR30 Floodlight	16	N/A	75	750	2700	82	5.70	3.70	N/A	N/A	E26
1R4016	16 Watt R40 Floodlight	16	N/A	75	750	2700	82	5.90	4.70	N/A	N/A	E26
1P3816	16 Watt PAR38 Floodlight	16	N/A	75	750	2700	82	5.90	4.60	N/A	N/A	E26
1R4019	19 Watt R40 Floodlight	19	N/A	85	950	2700	82	5.90	4.80	N/A	N/A	E26
2P3819	19 Watt PAR38 Floodlight	19	N/A	85	950	2700	82	5.90	4.80	N/A	N/A	E26
1R4023 ★	23 Watt R40 Floodlight	23	N/A	120	1250	2700	82	6.10	4.80	N/A	N/A	E26
1P3823 ★	23 Watt PAR38 Floodlight	23	N/A	90	1200	2700	82	6.20	4.80	N/A	N/A	E26
1R3011IB	11 Watt R30 Floodlight	11	N/A	50	400	2700	82	5.50	3.70	N/A	N/A	E26
*6000 Lamp Life	InstaBright											
1R4011IB	11 Watt R40 Floodlight	11	N/A	50	400	2700	82	6.00	4.70	N/A	N/A	E26
*6000 Lamp Life	InstaBright											
1R3014IB	14 Watt R30 Floodlight	14	N/A	65	600	2700	82	5.10	3.70	N/A	N/A	E26
*6000 Lamp Life	InstaBright											
1R4014IB	14 Watt R40 Floodlight	14	N/A	65	600	2700	82	5.90	4.70	N/A	N/A	E26
*6000 Lamp Life	InstaBright											
PF2014	14 Watt Flat PAR20 Floodlight	14	N/A	N/A	280	2700	82	4.50	2.60	N/A	N/A	E26
PF3016	16 Watt Flat PAR30 Floodlight	16	N/A	N/A	700	2700	82	4.90	3.70	N/A	N/A	E26
PF3823	23 Watt Flat PAR38 Floodlight	23	N/A	N/A	1000	2700	82	5.30	4.80	N/A	N/A	E26



Compact Fluorescent Lamps

2008

★ = Energy Star

**Neutralized Rain**  
Using a CFL will prevent the emission of 8-16 pounds of sulfur dioxide which causes acid rain.

**Lighten up...**  
Our lead-free glass improves lumen maintenance and lessens darkening in glass from over time.

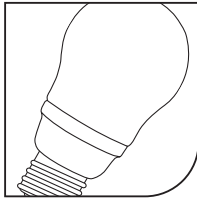
**T-Capsule**  
Excellent for hanging fixtures and exposed sockets.

**DECORATIVE LAMPS**



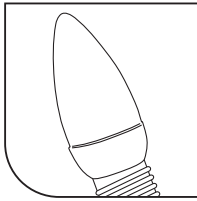
ITEM NUMBER	ITEM DESCRIPTION	UNIT/BALLAST WATTS	LAMP WATTS	INCANDESCENT COMPARISON (WATTS)	INITIAL LUMENS	CCT (KELVIN)	CRI	MO./HEIGHT (INCHES)	DIAMETER/WIDTH (INCHES)	REPLACEMENT BRACKET	REPLACEMENT LAMP	BASE TYPE
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**A-LAMP, ELECTRONIC, NPF, ON/OFF, 8,000 HOUR**



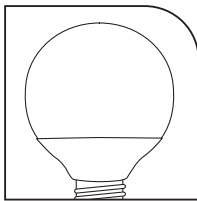
11304	4 Watt A-Lamp	4	N/A	25	225	2700	82	3.90	1.80	N/A	N/A	E26
11309 ★	9 Watt A-Lamp	9	N/A	40	450	2700	82	4.10	2.20	N/A	N/A	E26
21314 ★	14 Watt A-Lamp	14	N/A	60	800	2700	82	4.40	2.40	N/A	N/A	E26
11316 ★	16 Watt A-Lamp	16	N/A	60	850	2700	82	5.90	2.70	N/A	N/A	E26
11319	19 Watt A-Lamp	19	N/A	60	900	2700	82	5.90	2.70	N/A	N/A	E26
21314Y	14 Watt A-Lamp BugLight	14	N/A	60	600	2300	82	4.40	2.40	N/A	N/A	E26
11311B*	11 Watt A-Lamp InstaBright	11	N/A	40	400	2700	82	4.80	2.40	N/A	N/A	E26
21314IB*	14 Watt A-Lamp InstaBright	14	N/A	50	600	2700	82	4.80	2.40	N/A	N/A	E26

**TORPEDO LAMP, ELECTRONIC, NPF, ON/OFF, 8,000 HOUR**



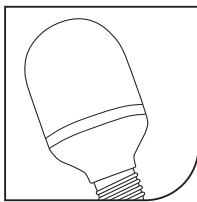
10702	2 Watt Torpedo Lamp	2	N/A	10	80	2700	82	4.40	1.40	N/A	N/A	E26
10702C	2 Watt Torpedo Lamp	2	N/A	10	80	2700	82	4.40	1.40	N/A	N/A	Candelabra
10704	4 Watt Torpedo Lamp	4	N/A	15	195	2700	82	4.40	1.40	N/A	N/A	E26
10704C	4 Watt Torpedo Lamp	4	N/A	15	195	2700	82	4.40	1.40	N/A	N/A	Candelabra
10709	9 Watt Torpedo Lamp	9	N/A	40	425	2700	82	4.80	1.70	N/A	N/A	E26
10709C	9 Watt Torpedo Lamp	9	N/A	40	425	2700	82	4.40	1.70	N/A	N/A	Candelabra
10714	14 Watt Torpedo Lamp	14	N/A	60	720	2700	82	5.40	1.70	N/A	N/A	E26
10714C	14 Watt Torpedo Lamp	14	N/A	60	720	2700	82	5.24	1.97	N/A	N/A	Candelabra

**GLOBE LAMP, ELECTRONIC, ON/OFF, 8,000 HOUR**



1G1002	2 Watt G10 Globe	2	N/A	10	80	2700	82	3.00	1.50	N/A	N/A	E26
1G1002C	2 Watt G10 Globe	2	N/A	10	80	2700	82	3.00	1.50	N/A	N/A	Candelabra
1G2002	2 Watt G20 Globe	2	N/A	15	170	2700	82	3.60	2.50	N/A	N/A	E26
1G2002C	2 Watt G20 Globe	2	N/A	15	170	2700	82	3.20	2.50	N/A	N/A	Candelabra
1G2004	4 Watt G20 Globe	4	N/A	25	250	2700	82	3.60	2.50	N/A	N/A	E26
1G2004C	4 Watt G20 Globe	4	N/A	25	250	2700	82	3.20	2.50	N/A	N/A	Candelabra
1G2504	4 Watt G25 Globe	4	N/A	25	250	2700	82	4.40	3.10	N/A	N/A	E26
1G2504C	4 Watt G25 Globe	9	N/A	40	495	2700	82	4.40	3.10	N/A	N/A	Candelabra
1G2509 ★	9 Watt G25 Globe	9	N/A	40	495	2700	82	4.40	3.10	N/A	N/A	E26
1G2509C	9 Watt G25 Globe	9	N/A	40	495	2700	82	4.40	3.10	N/A	N/A	Candelabra
2G2514 ★	14 Watt G25 Globe	14	N/A	60	800	2700	82	4.40	3.10	N/A	N/A	E26
1G3009	9 Watt G30 Globe	9	N/A	40	495	2700	82	5.00	3.74	N/A	N/A	E26
1G3014 ★	14 Watt G30 Globe	14	N/A	60	800	2700	82	5.00	3.65	N/A	N/A	E26
1G3019 ★	19 Watt G30 Globe	19	N/A	75	950	2700	82	4.94	3.74	N/A	N/A	E26
1G4014	14 Watt G40 Globe	14	N/A	60	800	2700	82	6.87	5.00	N/A	N/A	E26
1G4019	19 Watt G40 Globe	19	N/A	75	950	2700	82	6.87	5.00	N/A	N/A	E26
1G2511IB*	11 Watt G25 Globe InstaBright	11	N/A	40	450	2700	82	4.70	3.10	N/A	N/A	E26
1G3014IB*	14 Watt G30 Globe InstaBright	14	N/A	50	600	2700	82	5.00	3.60	N/A	N/A	E26
2G2514IB*	14 Watt G25 Globe InstaBright	14	N/A	50	600	2700	82	4.40	3.10	N/A	N/A	E26
1G4011IB*	11 Watt G40 Globe InstaBright	11	N/A	40	450	2700	82	6.87	5.00	N/A	N/A	E26

**T-CAPSULE LAMP, ELECTRONIC, ON/OFF, 8,000 HOUR**



1T2004 ★	4 Watt T20 Capsule	4	N/A	25	250	2700	82	4.75	2.50	N/A	N/A	E26
1T2009	9 Watt T20 Capsule	9	N/A	40	495	2700	82	5.00	2.50	N/A	N/A	E26
1T2014	14 Watt T20 Capsule	14	N/A	60	800	2700	82	5.35	2.50	N/A	N/A	E26
1T2409	9 Watt T24 Capsule	9	N/A	40	495	2700	82	5.24	3.00	N/A	N/A	E26
1T2414	14 Watt T24 Capsule	14	N/A	60	800	2700	82	5.24	3.00	N/A	N/A	E26
1T2419	19 Watt T24 Capsule	19	N/A	75	950	2700	82	5.63	3.00	N/A	N/A	E26

★ = Energy Star \*InstaBright Lamps have 6000 Lamp Life

Wake up sleepy head  
Bring the sun inside with Full Spectrum!

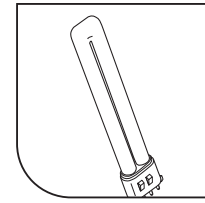
Green Alert



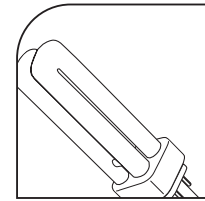
Stop waste!  
Using just 1 CFL saves as many as 8 incandescent light bulbs ending up in a landfill.

## PL LAMPS

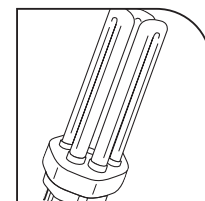
ITEM NUMBER	ITEM DESCRIPTION	UNIT/BALLAST WATTS	LAMP WATTS	INCANDESCENT COMPARISON (WATTS)	INITIAL LUMENS	CCT (KELVIN)	CRI	MOI/HEIGHT (INCHES)	DIAMETER/WIDTH (INCHES)	REPLACEMENT BRACKET	REPLACEMENT LAMP	BASE TYPE
<b>TWIN TUBE PL LAMPS, 10,000 HOUR</b>												
32005	5 Watt 2-Pin Twin Tube	5	N/A	N/A	250	2700	82	4.10	1.05	N/A	N/A	G23
32007	7 Watt 2-Pin Twin Tube	7	N/A	N/A	400	2700	82	5.20	1.05	N/A	N/A	G23
32009	9 Watt 2-Pin Twin Tube	9	N/A	N/A	600	2700	82	6.31	1.05	N/A	N/A	G23
32013	13 Watt 2-Pin Twin Tube	13	N/A	N/A	800	2700	82	7.13	1.05	N/A	N/A	GX23
32013IST	13 Watt 2-Pin Twin Tube Instant Start	13	N/A	N/A	800	2700	82	7.13	1.25	N/A	N/A	GX23
324132GX7	13 Watt 4-Pin Twin Tube	13	N/A	N/A	800	2700	82	7.13	1.25	N/A	N/A	2GX7
Also available in 30K, 35K, 41K, 50K, 65K												



<b>QUAD TUBE PL LAMPS, 10,000 HOUR</b>												
32009Q	9 Watt 2-Pin Quad Tube	9	N/A	N/A	600	2700	82	4.27	1.05	N/A	N/A	GX23-2
32013Q	13 Watt 2-Pin Quad Tube	13	N/A	N/A	800	2700	82	4.65	1.05	N/A	N/A	GX23-2
32013ISQ	13 Watt 2-Pin Quad Tube Instant Start	13	N/A	N/A	800	2700	82	4.54	1.05	N/A	N/A	GX23-2
32018Q	18 Watt 2-Pin Quad Tube	18	N/A	N/A	1100	2700	82	6.00	1.05	N/A	N/A	G24d-2
32026Q	26 Watt 2-Pin Quad Tube	26	N/A	N/A	1600	2700	82	6.63	1.05	N/A	N/A	G24d-3
32413Q	13 Watt 4-Pin Quad Tube	13	N/A	N/A	800	2700	82	5.10	1.05	N/A	N/A	G24q-1
32418Q	18 Watt 4-Pin Quad Tube	18	N/A	N/A	1100	2700	82	5.69	1.05	N/A	N/A	G24q-2
32426Q	26 Watt 4-Pin Quad Tube	26	N/A	N/A	1600	2700	82	6.31	1.05	N/A	N/A	G24q-3
32022Q	22 Watt 2-Pin Quad Tube	22	N/A	N/A	1000	2700	82	5.8	1.7	N/A	N/A	GX32D-2
32028Q	28 Watt 2-Pin Quad Tube	28	N/A	N/A	1400	2700	82	6.4	1.7	N/A	N/A	GX32D-3
Also available in 30K, 35K, 41K, 50K, 65K												



<b>TRIPLE TUBE PL LAMPS, 10,000 HOUR</b>												
32418T	18 Watt 4-Pin Triple Tube	18	N/A	N/A	1150	2700	82	4.25	1.40	N/A	N/A	GX24q-2
32426T	26 Watt 4-Pin Triple Tube	26	N/A	N/A	1650	2700	82	4.78	1.55	N/A	N/A	GX24q-3
32432T	32 Watt 4-Pin Triple Tube	32	N/A	N/A	2000	2700	82	5.50	1.60	N/A	N/A	GX24q-3
32442T	42 Watt 4-Pin Triple Tube	42	N/A	N/A	2400	2700	82	6.00	1.60	N/A	N/A	GX24q-4
Also available in 30K, 35K, 41K, 50K, 65K												



★ = Energy Star

**Magnetic Attraction**  
Use our magnetic adapters to use PL lamps in Edison base sockets.

**Circlines**  
A brilliant combination of color, brightness and small size.

Green Alert

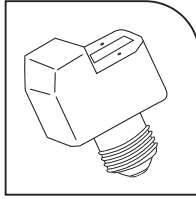


**Environment**  
CFLs use less energy than incandescent lamps, they reduce the demand for energy, which results in reduced power plant emissions like carbon dioxide other greenhouse gases.

**MAGNETIC ADAPTERS & GOODLAMPS**



**SCREW IN MAGNETIC ADAPTERS ( 50,000 HR BALLAST)**



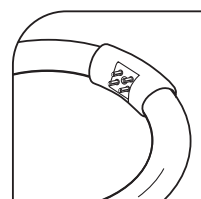
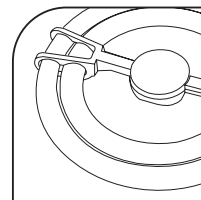
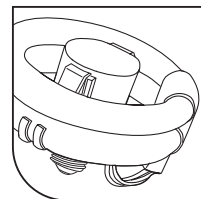
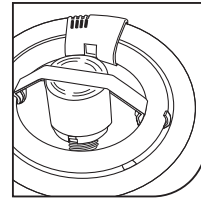
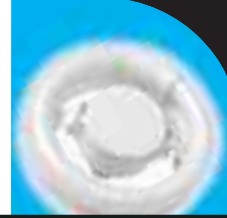
ITEM NUMBER	ITEM DESCRIPTION	UNIT/BALLAST WATTS	LAMP WATTS	INCANDESCENT COMPARISON (WATTS)	INITIAL LUMENS	CCT (KELVIN)	CRI	MOL/HEIGHT (INCHES)	DIAMETER/WIDTH (INCHES)	REPLACEMENT BRACKET	REPLACEMENT LAMP	BASE TYPE
10405	5 Watt Center Mount Adapter	5	N/A	N/A	N/A	N/A	N/A	3.30	2.40	N/A	N/A	E26
10407	7 Watt Center Mount Adapter	7	N/A	N/A	N/A	N/A	N/A	3.30	2.40	N/A	N/A	E26
10409	9 Watt Center Mount Adapter	9	N/A	N/A	N/A	N/A	N/A	3.30	2.40	N/A	N/A	E26
10413	13 Watt Center Mount Adapter	13	N/A	N/A	N/A	N/A	N/A	3.30	2.40	N/A	N/A	E26
10505	5 Watt Side Mount Adapter	5	N/A	N/A	N/A	N/A	N/A	3.30	2.40	N/A	N/A	E26
10507	7 Watt Side Mount Adapter	7	N/A	N/A	N/A	N/A	N/A	3.30	2.40	N/A	N/A	E26
10509	9 Watt Side Mount Adapter	9	N/A	N/A	N/A	N/A	N/A	3.30	2.40	N/A	N/A	E26
10513	13 Watt Side Mount Adapter	13	N/A	N/A	N/A	N/A	N/A	3.30	2.80	N/A	N/A	E26
10413AD	13 Watt Adapter with Reflector Ring	13	N/A	N/A	N/A	N/A	N/A	4.00	2.30	N/A	N/A	E26
14513	13 Watt Low Profile Adapter	13	N/A	N/A	N/A	N/A	N/A	3.00	2.70	N/A	N/A	E26

**Circlines**  
Circular design provides even illumination.

**TCP**  
TCP works with a variety of partners to further our commitment to energy efficiency and innovations in technology.

## CIRCLINE LAMPS

ITEM NUMBER	ITEM DESCRIPTION	UNIT/BALLAST WATTS	LAMP WATTS	INCANDESCENT COMPARISON (WATTS)	INITIAL LUMENS	CCT (KELVIN)	CRI	MOL/HEIGHT (INCHES)	DIAMETER/WIDTH (INCHES)	REPLACEMENT BRACKET	REPLACEMENT LAMP	BASE TYPE
<b>T6 CIRCLINE ADAPTERS WITH LAMPS, ELECTRONIC, HPF, 2850K, 10,000 HOUR</b>												
1252218	22 Watt Circline Adapter with 18 Watt Lamp	22	18	75	1200	2850	82	3.65	5.75	13818B	32018	E26
1253027	30 Watt Circline Adapter with 27 Watt Lamp	30	27	120	2000	2850	82	3.65	7.50	13827B	32027	E26
1253632	36 Watt Circline Adapter with 32 Watt Lamp	36	32	130	2200	2850	82	3.65	9.00	13832B	32032	E26
1702218	22 Watt Circline Adapter with 18 Watt Lamp	22	18	75	1200	2850	82	3.65	5.75	13818B	32018	E26
1703027	30 Watt Circline Adapter with 27 Watt Lamp	30	27	120	2000	2850	82	3.65	7.50	13827B	32027	E26
1703632	36 Watt Circline Adapter with 32 Watt Lamp	36	32	130	2200	2850	82	3.65	9.00	13832B	32032	E26
17033L	33 Watt Circline Adapter with Lamp	33	33	125	2000	2850	82	3.50	5.50	13833B2 ADJ	32033	E26
17040L	40 Watt Circline Adapter with Lamp	40	40	150	2800	2850	82	3.65	7.50	13818B	32040	E26
17058L	58 Watt Circline Adapter with Lamp	58	58	200	3700	2850	82	3.65	9.00	13858B	32058	E26
1702220	22 Watt Circline Adaptor with 20 Watt Lamp	22	20	75	1200	2850	82	3.65	6.00	32020	???	E26
17022L	22 Watt Circline Adaptor with Lamp	22	22	90	1400	2850	82	3.65	8.00	32022	???	E26
17030L	30 Watt Circline Adaptor with Lamp	30	30	120	2000	2850	82	3.65	9.00	32030		E26
1703630	36 Watt Circline Adaptor with 30 Watt Lamp	36	30	125	2100	2850	82	3.65	9.00	32030		E26
Bent wire bracket standard												
Shipped in bulk packs, add suffix RP for single packs												
<b>T6 3-WAY CIRCLINE ADAPTERS WITH LAMP, ELECTRONIC, NPF, 10,000 HOUR (50,000 HR BALLAST)</b>												
1653332	33 Watt Circline Adapter with 32 Watt Lamp	33	32	120	2050	2850	82	3.50	9.00	N/A	32032	E26
16533L	33 Watt Circline Adapter with Lamp	33	10 20 33	50 100 150	2150	2850	82	3.50	5.50	N/A	32033	E26
16550L	50 Watt Circline Adapter with Lamp	50	22 33 55	90 120 150	2500	2850	82	4.75	7.50	13818/ 13827BH	32018/ 32027	E26
<b>T6 CIRCLINE 2D REPLACEMENT LAMPS, 2850K, 10,000 HOUR</b>												
320402D	40 Watt Lamp with 2D Boot	N/A	40	150	2800	2850	82	0.75	7.50	N/A	N/A	N/A
320582D	58 Watt Lamp with 2D Boot	N/A	58	200	3700	2850	82	0.75	9.00	N/A	N/A	N/A
<b>T6 CIRCLINE LAMPS, 2850K, 10,000 HOUR</b>												
32018	18 Watt Circline Lamp		18	75	1200	2850	82	0.75	5.70	N/A	N/A	N/A
32027	27 Watt Circline Lamp		27	120	2000	2850	82	0.75	7.50	N/A	N/A	N/A
32032	32 Watt Circline Lamp		32	130	2200	2850	82	0.75	9.00	N/A	N/A	N/A
32033	33 Watt Circline Lamp		33	125	2150	2850	82	1.80	5.50	N/A	N/A	N/A
32040	40 Watt Circline Lamp		40	150	2800	2850	82	0.75	7.50	N/A	N/A	N/A
32058	58 Watt Circline Lamp		58	200	3700	2850	82	0.75	9.00	N/A	N/A	N/A



Compact Fluorescent Lamps

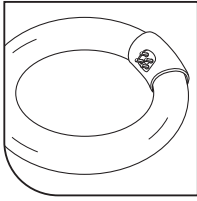
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## CIRCLINE LAMPS, BALLASTS & ADAPTERS



ITEM NUMBER	ITEM DESCRIPTION	UNIT/BALLAST WATTS	LAMP WATTS	INCANDESCENT COMPARISON (WATTS)	INITIAL LUMENS	CCT (KELVIN)	CRI	MOI/HEIGHT (INCHES)	DIAMETER/WIDTH (INCHES)	REPLACEMENT BRACKET	REPLACEMENT LAMP	BASE TYPE
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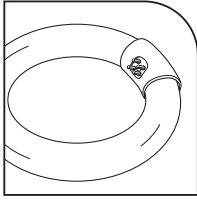
### T9 CIRCLINE ADAPTERS WITH LAMP, ELECTRONIC, HPF, 2850K, 10,000 HOUR ( 50,000 HR BALLAST)



1252220	22 Watt Circline Adapter and Lamp	22	20	75	1100	2850	82	3.65	6.00	13820B	32020	E26
12522L	22 Watt Circline Adapter and Lamp	22	22	90	1400	2850	82	3.65	8.00	13822B	32022	E26
12530L	30 Watt Circline Adapter and Lamp	30	30	120	2000	2850	82	3.65	9.00	13830B	32030	E26
1253022	30 Watt Circline Adapter and Lamp	30	22	90	1400	2850	82	3.65	8.00	13830B	32022	E26
1253630	36 Watt Circline Adapter with 30 Watt Lamp	36	30	125	2100	2850	82	3.65	9.00	13830B	32030	E26

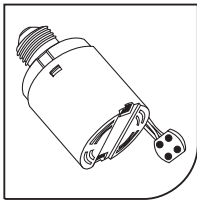
Bent wire bracket standard  
Shipped in bulk packs, add suffix RP for single packs

### T9 CIRCLINE LAMPS, 2850K, 10,000 HOUR



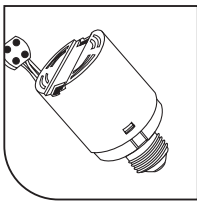
32020	20 Watt Circline Lamp	N/A	20	75	1200	2850	N/A	1.00	6.00	N/A	N/A	N/A
32022	22 Watt Circline Lamp	N/A	22	90	1400	2850	N/A	1.00	8.00	N/A	N/A	N/A
32030	30 Watt Circline Lamp	N/A	30	120	2000	2850	N/A	1.00	9.00	N/A	N/A	N/A

### CIRCLINE BALLASTS, NPF, ( 50,000 HR BALLAST)



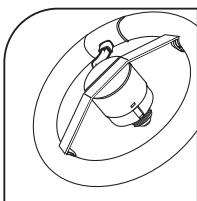
17022	22 Watt Circline Ballast	22	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	E26
17030	30 Watt Circline Ballast	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	E26
17033	33 Watt Circline Ballast	33	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	E26
17036	36 Watt Circline Ballast	36	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	E26
17040	40 Watt Circline Ballast	40	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	E26
17058	58 Watt Circline Ballast	58	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	E26

### CIRCLINE BALLASTS, HPF, ( 50,000 HR BALLAST)



12522	22 Watt Circline Ballast	22	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	E26
12530	30 Watt Circline Ballast	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	E26
12536	36 Watt Circline Ballast	36	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	E26
16533	33 Watt 3-Way Circline Ballast	33	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	E26

### CIRCLINE ADAPTERS / LAMP MAGNETIC, 10,000 HOUR ( 50,000 HR BALLAST)



10322L	22 Watt Circline Magnetic Adap w/ Lamp	22	22	75	1200	2850	82	3.60	8.00	13822B	32022	E26
10322	22 Watt Circline Magnetic Adapter	22	N/A	N/A	N/A	N/A	N/A	3.60	2.00	N/A	N/A	E26

Bent wire bracket standard  
Shipped in bulk packs, add suffix RP for single packs

# Accessories

TCP PART NUMBER	DESCRIPTION	MOL (INCHES)	DIAMETER (INCHES)	MOL WITH LAMP (INCHES)	SPRINGLAMPS MAX. LAMP SIZE
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### GLOBES AND CAPSULES — GLASS

199G	G30 Globe	4.0	4.0	7.2	23 Watt
199T	T24 Capsule	4.0	3.0	7.2	23 Watt
199LG	G40 Globe	5.0	5.0	8.2	23 Watt

### ALUMINUM REFLECTORS FOR 1 PIECE LAMPS (Friction Fit)

201M20	M20 Mini Reflector	2.7	2.5	4.0	13 Watt
201M30	M30 Mini Reflector	2.9	3.7	4.2	13 Watt
201M3018	M30 Mini Reflector/18w	3.3	3.7	4.9	18 Watt
201M3023	M30 Mini Reflector/23w	3.7	3.7	5.0	23 Watt
201M40	M40 Mini Reflector	3.0	4.7	4.4	13 Watt
201M4018	M40 Mini Reflector/18w	3.3	4.6	4.8	18 Watt
201M4023	M40 Mini Reflector/23w	3.6	5.0	5.0	23 Watt
101R30	R30 Reflector	3.7	3.7	5.4	27 Watt
101R40	R40 Reflector	4.5	4.7	6.2	32 Watt
101R50	R50 Reflector	5.6	5.6	7.5	32 Watt
101R5042	R50 Reflector for 42w	5.6	5.6	7.9	42 Watt

### SNAP-ON ALUMINUM REFLECTORS FOR 2 PIECE LAMPS (Lock and Retain Style)

159M30	R30 Mini Reflector	3.2	3.7	5.0	14 Watt
159S30	R30 Reflector	3.5	3.7	6.5	15 Watt
159S40	R40 Reflector	3.8	4.7	7.2	23 Watt
159S50	R50 Reflector	4.5	5.6	8.2	32 Watt

### UNIFLOOD™ REFLECTORS

151R30	U30 Uniflood Reflector	4.0	3.7	6.5	18 Watt
151R40	U40 Uniflood Reflector	4.0	5.2	7.0	23 Watt

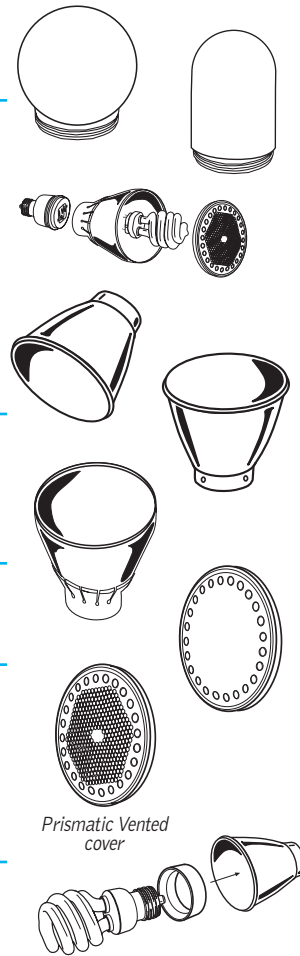
### SNAP-ON REFLECTOR COVERS

10R20CV*	R20 Reflector cover, vented 2.5" diameter
10R30CV*	R30 Reflector cover, vented 3.8" diameter
10R40CV*	R40 Reflector cover, vented 4.7" diameter
10R50CV*	R50 Reflector cover, vented 5.8" diameter
151C30*	R30 Uniflood cover, 3.8" diameter
151C40*	R40 Uniflood cover, 5.3" diameter

\* Use PV instead of CV for Prismatic Vented reflector covers

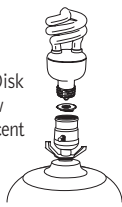
### MINI REFLECTOR ADAPTER RINGS FOR NEW 1 PIECE LAMPS

RR101M	Fits into 101M20, 101M30, 101M40 reflectors, 1.6" diameter
RR101M19	Fits into 101M3019, 101M4019, 101M40 reflectors, 1.8" diameter
RR27M	Fits into 101R20, 101R30, 101R40 reflectors, use with 28927M and 28027

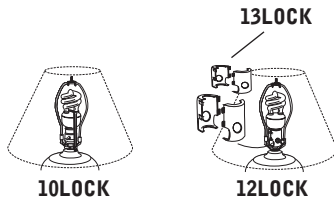
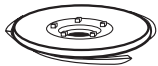


### Permanent Installation Disk

A Permanent Installation Disk (10PERM) is used to allow only TCP Compact Fluorescent Lamps to fit in a standard light socket to qualify for energy saving rebates.

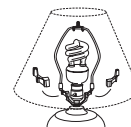


10PERM



### Vandal Resistant Devices

The Vandal Resistant Devices (10LOCK, 12LOCK and 13LOCK) are used to help prevent bulb theft. (Use 10LOCK with all lamps except covered lamps) (Use 12LOCK with all lamps except candelabra base lamps)



### Lamp Harp Extenders

Simply slip on harp ends to extend and fit around larger size bulbs.

Item #	Description
10PERM	Permanent Installation Disk

Item #	MOL	Description
10LOCK		Vandal Resistant Device
12LOCK	2.34"	Vandal Resistant Device
13LOCK	1.96"	Short, snap-on VRD

Item #	Description
15HEXT	Harp Extenders (set of 2)

## Reflectors for 1-Piece Lamps

TCP PART #	DESCRIPTION	USE WITH THESE LAMPS:
201M20	Mini Aluminum R20	Mini SpringLamps 28909, 28913, 28009, 28013
201M30	Mini Aluminum R30	Mini SpringLamps 28909, 28913, 28009, 28013
201M3018	Mini Aluminum R30	Mini SpringLamps 18214, 28918, 28018
201M3023	Mini Aluminum R30	Mini SpringLamps 28923, 28023
201M40	Mini Aluminum R40	Mini SpringLamps 28909, 28913, 28009, 28013
201M4018	Mini Aluminum R40	Mini SpringLamps 18214, 28918, 28018
201M4023	Mini Aluminum R40	Mini SpringLamps 28923, 28023
101R30	Aluminum R30	SpringLamp 10109, 10111, 10115, 18209, 18211, 18215, 28932
101R40	Aluminum R40	SpringLamp 10109, 10111, 18209, 18211, 18215, 18220, 18223, 18227, 28032, 28932
101R50	Aluminum R50	SpringLamp 10109, 10111, 18209, 18211, 18215, 18220, 18223, 18227, 28032, 28932
201M3027M	Aluminum R30	SpringLamp 28927M, 28027M, 10115, 10120, 10123
201M4027M	Aluminum R40	SpringLamp 28927M, 28027M, 10115, 10120, 10123
RR101M	Adapter fits into 101M20, 101M30, 101M40	Mini SpringLamps 28909, 28913, 28009, 28013
RR101M19	Adapter fits into 101M3019, 101M4019	Mini SpringLamps 28918, 28018
RR27M	Adapter fits into 101R20, 101R30, 101R40	Mini SpringLamps 28927M, 28027M, 10115, 10120, 10123



# CFL Warranties

## 8,000 Hour Lamps 12 months

### LIMITED WARRANTY

This TCP product is warranted for a period of one year from date of original purchase against defects in materials and workmanship. If this product should fail to operate due to defects in materials or workmanship, simply return this product to the place of purchase or to TCP Service Center (325 Campus Dr., Aurora, OH 44202) along with the original sales receipt within one year of purchase. This product will be repaired or replaced, at TCP's option. This warranty is expressly limited to repair or replacement of the product. This warranty gives the consumer specific legal rights, which vary from state to state.

WARRANTY IS VOID IF PRODUCT IS NOT USED FOR THE PURPOSE FOR WHICH THIS PRODUCT IS MANUFACTURED.

## 10,000 Hour Lamps 15 months

### LIMITED WARRANTY

This TCP product is warranted for a period of 15 months from date of original purchase against defects in materials and workmanship. If this product should fail to operate due to defects in materials or workmanship, simply return this product to the place of purchase or to TCP Service Center (325 Campus Dr., Aurora, OH 44202) along with the original sales receipt within 15 months of purchase. This product will be repaired or replaced, at TCP's option. This warranty is expressly limited to repair or replacement of the product. This warranty gives the consumer specific legal rights, which vary from state to state.

WARRANTY IS VOID IF PRODUCT IS NOT USED FOR THE PURPOSE FOR WHICH THIS PRODUCT IS MANUFACTURED.

## 289 Series 9 Watts and Higher Lamps 18 Months

### LIMITED WARRANTY

This TCP product is warranted for a period of 18 months from date of original purchase against defects in materials and workmanship. If this product should fail to operate due to defects in materials or workmanship, simply return this product to the place of purchase or to TCP Service Center (325 Campus Dr., Aurora, OH 44202) along with the original sales receipt within 18 months of purchase. This product will be repaired or replaced, at TCP's option. This warranty is expressly limited to repair or replacement of the product. This warranty gives the consumer specific legal rights, which vary from state to state.

WARRANTY IS VOID IF PRODUCT IS NOT USED FOR THE PURPOSE FOR WHICH THIS PRODUCT IS MANUFACTURED.

## 15,000 Hour SpringLamp® 24 months

### LIMITED WARRANTY

This TCP product is warranted for a period of 24 months from date of original purchase against defects in materials and workmanship. If this product should fail to operate due to defects in materials or workmanship, simply return this product to the place of purchase or to TCP Service Center (325 Campus Dr., Aurora, OH 44202) along with the original sales receipt within 24 months of purchase. This product will be repaired or replaced, at TCP's option. This warranty is expressly limited to repair or replacement of the product. This warranty gives the consumer specific legal rights, which vary from state to state.

WARRANTY IS VOID IF PRODUCT IS NOT USED FOR THE PURPOSE FOR WHICH THIS PRODUCT IS MANUFACTURED.

## 50,000 Hour Ballasts 5 Years

### LIMITED WARRANTY

This TCP product is warranted for a period of 5 years from date of original purchase against defects in materials and workmanship. If this product should fail to operate due to defects in materials or workmanship, simply return this product to the place of purchase or to TCP Service Center (325 Campus Dr., Aurora, OH 44202) along with the original sales receipt within 5 years of purchase. This product will be repaired or replaced, at TCP's option. This warranty is expressly limited to repair or replacement of the product. This warranty gives the consumer specific legal rights, which vary from state to state.

WARRANTY IS VOID IF PRODUCT IS NOT USED FOR THE PURPOSE FOR WHICH THIS PRODUCT IS MANUFACTURED. This TCP product (except batteries; see below) is warranted for a period of five years from date of original purchase against defects in materials and workmanship. If these products should fail to operate due to materials and workmanship, simply return this to the place of purchase or to the TCP, Inc. service center (325 Campus Dr., Aurora, OH 44202) with its RGA as stated in the terms & conditions, and the product will be repaired or replaced at TCP's sole discretion. The warranty is expressly limited to repair or replacement of the product. No labor charge will be honored without prior written factory authorization. Damage incurred from handling or in transit is not covered by this guarantee. Claims for shipping damages must be filed with the carrier. This warranty gives the customer specific legal rights, which vary from state to state. Light bulbs are not covered under this warranty. WARRANTY IS VOID IF PRODUCT IS NOT USED FOR THE PURPOSE FOR WHICH THIS PRODUCT IS MANUFACTURED.



Some of our products contain mercury. Dispose according to local, state or Federal Laws. See [www.lamprecycle.org](http://www.lamprecycle.org), or call 1-800-771-9335.

\*All data in this catalog is subject to change without notice.

With the high quality standards all our products must meet, you are guaranteed to have a lighting source that performs in the harshest environments. We've even established a UL testing laboratory at our corporate headquarters to ensure the safety of every product you use.