



# Cold Cathode Lamp Specifications

## R20 Shaped Cold Cathode Lamps

25,000 Hours average rated life

### Applications:

Replaces less often, ideal for hard to reach places.

#### Replaces Incandescent for:

- + Down Lights
- + Recessed Cans
- + Track Lights

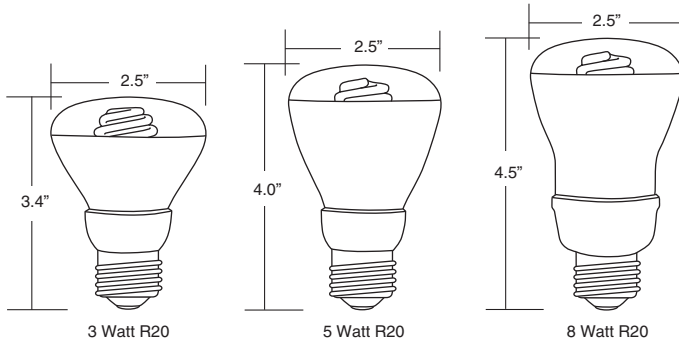


### Special Application Options: (Ordering Suffix)

- 4100K (41K)
- Bulk Packed (BULK100)
- Tip Base (PERM)

### Features and Benefits

- Long life: 25,000 hours.
- Cold Cathode lamps are excellent for dimming and rapid cycling applications.
- Special phosphor coating procedure provides excellent color consistency.
- Color coating is resistant to fading and the effects of UV.
- Replaces 15W to 30W incandescent lamps, saving up to 25 watts/bulb.
- UL approved for wet location in Base Up position only. Base Up position is defined as screw base in a 12:00 position. Any other base position must be in a UL approved weatherproof fixture.



Catalog Number

Notes

Type



### Specifications ( at full brightness )

Ballast Type	Electronic
Input Line Voltage	120VAC
Input Line Frequency	50/60HZ
Lamp Life (rated)	25,000 Hours
Color Temperature	2700°K or 4100°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	<33%
High Power Factor Rated	>.90

### Special Application Notes

- UL approved for wet location in Base Up position only. Base Up position is defined as screw base in a 12:00 position. Any other base position must be in a UL approved weatherproof fixture.

Warranties and Certifications:	Item #	Wattage	Description	Lamp Shape	M.O.L. (inches)	Diameter (inches)	Input Line Current	Initial Lumens	Base Type
 <b>2 YEAR WARRANTY</b> TCP reserves the right to void the warranty for any mis-application of these products.	8R2003CL	3	Cold Cathode R20, Clear	R20	3.4	2.5	.026A	120	E26
	8R2003F	3	Cold Cathode R20, Frost	R20	3.4	2.5	.026A	120	E26
	8R2003P	3	Cold Cathode R20, Pink	R20	3.4	2.5	.026A	N/A	E26
	8R2005CL	5	Cold Cathode R20, Clear	R20	4.0	2.5	.044A	200	E26
	8R2005F	5	Cold Cathode R20, Frost	R20	4.0	2.5	.044A	200	E26
	8R2005P	5	Cold Cathode R20, Pink	R20	4.0	2.5	.044A	N/A	E26
	8R2008CL	8	Cold Cathode R20, Clear	R20	4.5	2.5	.074A	200	E26
	8R2008F	8	Cold Cathode R20, Frost	R20	4.5	2.5	.074A	200	E26
	8R2008P	8	Cold Cathode R20, Pink	R20	4.5	2.5	.074A	200	E26

