

COLD CATHODE CCFL LAMPS

Cold Cathode Compact Lamps



A19 FROSTED A19 CLEAR PAR 30 FLOOD TORPEDO MEDIUM BASE TORPEDO CANDLE BASE

Cold cathode lamps have been used for years in laptop display, copiers and cell phones. Even some of the new flat panel LCD television screens and monitors utilize cold cathode technology because the technology is proven and reliable.

Recently, the technology has been adapted and applied to general illumination products that have an average life rating of 25,000 hours and are dimmable. These energy saving lamps replace higher wattage incandescent lamps making them ideal for applications where reduced maintenance and energy costs are desired.

Features & Benefits

- * Energy Saving - Replaces higher wattage incandescent lamps.
- * 25,000 Hour lamp life - Lasts up to 25 times longer than standard incandescent lamps.
- * Dimmable - For a variety of applications
- * Reduction in maintenance
- * Reduces Lamp Costs dramatically- Eliminates up to 24 lamp replacements over the life of the cold cathode lamp.
- * Specially designed cathodes allow the lamps to cycle, flash and dim with no impact on life.
- * UL listed.
- * 24-month limited warranty.

Operating Characteristics

Dimming
Dimmable cold cathode compact fluorescent lamps should only be used on modern analog dimmers. They will not work on digital dimming systems, which although uncommon, may still be found in certain new commercial installations. Unlike their incandescent counterparts, Cold Cathode lamps will not dim to 0%. This can be attributed to the differences in the lamp designs and technologies. Cold cathode lamps have a dimming range of 100% - 30%. Depending on the brand and type of dimmer used, you may experience flickering or shutdown with cold cathode lamps when dimmed below 30% of the lamps power.

Environment

The 3W, 5W, and 8W Cold Cathode lamps are suitable to use indoors or outdoors. The 13W and 18W CC lamps are for indoor use only. The ideal ambient operating temperature for the Cold cathode lamps is 77 degrees F. These lamps will operate in ambient temperatures between 5 degrees F and 122 degrees F.

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SUPERSEDES ALL PREVIOUS

The soft starting of the cathodes ensures long lamp life and unparalleled performance under difficult ambient conditions.

Applications

- * 3W S14, 5W A16, & 8W A19 Lamps. Ideal for signs, marquees and accent lighting.
- * 8W, 13W & 18W Coillights. Direct replacements for higher wattage incandescent lamps.

Miller's Order#	Watts	Dia.	MOL	Base	Type	CRI	Color Temp	Approx Lumens	Avg. Life
CC3S14	3	1.7"	3.6"	Med.	S14	82	2700	120	25,000
CC5A16	5	2.0"	4.0"	Med.	A16	82	2700	200	25,000
CC5A16F	5	2.0"	4.5"	Med.	A16	82	2700	200	25,000
CC5T12F	5	1.75"	5 3/8"	Cand.	Torpedo	85	2700	200	25,000
CC5T26F	5	1.75"	5 3/8"	Med.	Torpedo	85	2700	200	25,000
CC8A19	8	2.3"	4.5"	Med.	A19	82	2700	300	25,000
CC8A19F	8	2.3"	4.5"	Med.	A19	82	2700	290	25,000
CC13CF	13	2.7"	4.5"	Med.	CLT	82	2700	700	25,000
CC18CF	18	2.8"	4.9"	Med.	CLT	82	2700	1050	25,000
CC8R20F	8	2.5"	4.75"	Med.	R-20	85	2700	320	25,000
CC8R30F	8	3"	4.5"	Med.	R-30	85	2700	320	25,000
CC8R30P	8	3"	4.5"	Med.	R-30	85	PINK	320	25,000

NOTES: F @ suffix of Miller part # = Frosted Glass

Cold Cathode to Incandescent Lamp Equivalencies	
3W C Cathode	= 11W Incandescent
5W C Cathode	= 25W Incandescent
8W C Cathode	= 40W Incandescent
13W C Cathode	= 60W Incandescent
18W C Cathode	= 75W Incandescent

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