

THE NEXT GENERATION CCFL

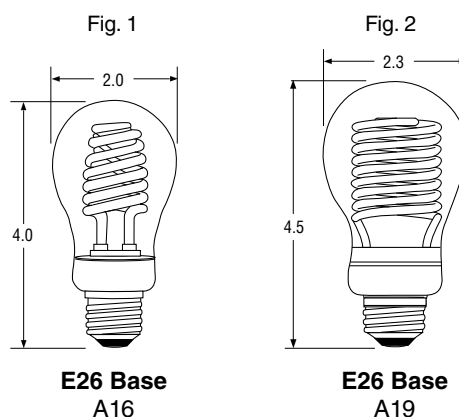
Cold cathode lamps have been used for years in laptop displays, copiers and cell phones. Even some of the new flat panel LCD television screens and monitors utilize cold cathode technology because the technology is proven and reliable. Recently, the technology has been adapted and applied to compact lighting products that have an average life rating of 25,000 hours and are dimmable. These long-life and energy saving lamps are ideal for special applications, such as signage, where reduced maintenance and energy costs are desired. The soft starting of the cathodes ensures long lamp life and unparalleled performance under difficult ambient conditions.

FEATURES & BENEFITS:

- Energy Saving - Replaces Higher Wattage Lamps
- Long Lamp Life - 25,000 Hours
- Dimmable - For a Wide Variety of Applications
- Minimizes the Amount of Maintenance Required to Support Hard to Reach Lighting Installations Such as Signs and Marquees
- Dramatically Reduces Lamp Costs - 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

APPLICATIONS:

- Signs
- Sign Backlighting
- Marquees
- Special Applications



Watts (W)	Ordering Code	Lamp Description	Dimensions			Color Temp (K)	CRI	Approx Lumens (lm)	Average Rated Life (h)	Burn Position	Case Qty	Fig. No.
			Dia (in)	MOL (mm)	MOL (in)							
5	3000476	CF-5CC/2700/E26	2.0	101.6	4.0	2700	82	200	25000	Universal	12	1
8	3000528	CF-8CC/2700/E26	2.3	114.3	4.5	2700	82	300	25000	Universal	12	2
8	3000529	CF-5CC/FR/2700/E26	2.3	114.3	4.5	2700	82	290	25000	Universal	12	2

OPERATING CHARACTERISTICS

DIMMING:

USHIO's dimmable C³ Cold Cathode 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 installations. CCFL's will not dim to 0%. A Cold Cathode lamp functions similarly to a linear fluorescent lamp, which requires that an arc be maintained between the cathodes/electrodes. A certain amount of power is required to maintain this arc. There is also power that is consumed in the operation of the ballast. Due to the power consumed by these two items, a dimmable CCFL lamp has a much more restricted dimming range than other lamps. C³ 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 C³ Cold Cathode lamps when dimmed below 30% of the lamp's power.

ENVIRONMENT

The ideal ambient operating temperature for the C³ Cold Cathode lamps is 25°C (77°F). These lamps will operate in ambient temperatures between -15°C (5°F) and 50°C (122°F). The 3W, 5W and 8W C³ lamps are suitable for use indoors or outdoors.

- LAMP CONTAINS MERCURY
 Manage in Accord with Disposal Laws
 See: www.lamprecycle.org or 1-800-895-8842

Form No. S-C3CCFL/0615
 Specifications may be subject to change without prior notice. Refer to www.ushio.com for the most current product specifications.



Scan with a smartphone to view this product online.