

# NEW 5.7 INCH CCFL LCD LAMP 100mm X 2mm with cable

Model	100mm X 2mm
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Category	<a href="#">Photoelectric Sensor</a>
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## Note:

Invshop recommends that you inquire with the original factory or its agents about the latest production status and technical information about 100mm X 2mm. The product parameters displayed on Invshop are entered by Invshop engineers according to the specifications, and efforts have been made to minimize errors, but we cannot guarantee the complete correctness of the parameters. Please refer to the specification sheet!

Category	Specification & Description
Full Name	<b>Cold Cathode Fluorescent Lamp</b>
Function	<b>Backlight Source</b> for LCD (Liquid Crystal Display) Panels
Technology Principle	Uses mercury vapor and inert gases (Argon, Neon) excited by a high AC voltage to produce ultraviolet light, which then excites the phosphor coating on the inner wall of the glass tube to emit visible <b>white light</b> .
Typical Diameter	<b>1.8 mm, 2.0 mm, 2.6 mm, 3.0 mm, 3.2 mm</b>
Typical Length	Varies greatly with LCD size, from <b>~100 mm</b> for small panels to <b>&gt; 1000 mm</b> for large TVs (often U-shaped or arranged as multiple straight tubes).
Operating Voltage ( $V_{\text{rms}}$ )	<b>~500 V to 1000 V AC</b> (Very High Voltage Required)
Operating Current ( $I_{\text{rms}}$ )	<b>~5 mA to 9 mA</b> (Typical)
Operating Frequency	<b>~40 kHz to 80 kHz</b> (Typical)
Luminance (Brightness)	<b>~25,000 to 50,000 cd/m<sup>2</sup></b> (Initial, at the lamp surface. The final panel brightness is much lower after diffusion.)