

ML COLD CATHODE BACKLIGHT



The **ML Series Cold Cathode Backlight Panel** offers a uniform, flicker-free illumination across a variety of viewing areas. They are an ideal solution for machine vision applications, as well as applications that involve film and paper examinations, frame grabbing and process inspection. Also, their low profile enables them to be placed in tight spaces, like on assembly lines or under conveyor belts during the in-process inspection. The lamps, which are fluorescent, provide 10,000 hours of uniform lighting across the viewing area; either 4"x5" (ML-0405), 6"x8" (ML-0608), or 8"x12" (ML-0812). The lamps are driven by high-frequency electronic ballast to provide a flicker-free illumination. They come completely with a 24 VDC adapter with universal voltage input (90-250VAC). The ML0405 can come with the adapter or can be powered by 6 AAA batteries.

For the dimensions of the ML Cold Cathode Backlights [Click here](#).

Features

- Uniform, flicker-free illumination
- Ideal for machine vision applications
- Good for tight spaces
- Lamps are not replaceable
- Model sizes: 4"x5", 6"x8" and 8"x12"

Specifications

| | ML0405 | ML0608 | ML0812 |
|----------------------|--------------------------------|--------------------------------|--------------------------------|
| Input Power: | 4.5 watts | 8.4 watts | 19 watts |
| Input Voltage: | 90 to 250 VAC | 90 to 250 VAC | 90 to 250 VAC |
| AC Adapter: | 9VDC; 500mA | 12VDC; 700mA | 12VDC; 1mA |
| Operating Frequency: | 25kHz | 25Khz | 25kHz |
| Operating Temp: | 5°C to 55°C (41°F to 131°F) | 5°C to 55°C (41°F to 131°F) | 5°C to 55°C (41°F to 131°F) |

