

LC FV-2008 Plus Industrial LED Film Viewer



FV-2008 Plus is designed to meet the needs of Film Examiners requiring a code compliant X-ray Film Viewer:

- **Electronic Light Mask**
- **Super High Luminance – 300,000 Cd/m²**
- **Bright enough to read 4.3 Density Film**
- **New Compact, cooler design**
- **Rugged aluminum frame**
- **Low heat output**
- **Low power consumption**
- **12 hours continuous operation with maximum luminance**
- **Over-heating warning (check that the power light is red)**

The LEDs used in the FV-2008 Plus are very bright ($\approx 300,000$ candelas/m²) providing a uniform luminance across the full viewer window. LEDs use much less electricity and generate significantly less heat than conventional lamps, making it better for the environment and more comfortable to use.

The FV-2008 Plus uses a universal low voltage, constant current power supply specifically designed to extend the life of the LEDs. It is supplied with a Dimmer Control that allows you to adjust the intensity from 5% to 100%. A foot switch is also provided.

Instead of multiple hardware masks, the FV-2008 Plus has 6 push button selectable window sizes as shown below.





Specifications:

- **Maximum Luminance:** 300,000 Cd/m²
- **Uniformity:** $g \geq 0.9$
- **Diffusion Factor:** $\sigma \geq 0.95$
- **Viewer Window:** 8.7" x 3.2" / 221 x 81 mm
- **Surface Temperature Rise:** $\leq 18^{\circ}\text{C}$ after 12 hours of continuous maximum luminance
- **Power:** 85 – 264VAC / 47 - 63Hz
- **Weight:** 8.8 lbs. / 4 kg.
- **Dimensions:** 15.7" x 7.9" x 3.1" / 400 x 200 x 79 mm

Kit Contains:

- FV-2008 Plus Film Viewer
- External Mask: 8.7" x 1.8"
- Foot Switch
- Instruction Manual
- Guarantee and Report