



## FV-2010 High Intensity Portable Industrial LED Film Viewer

Reads > 4.0 D

Designed for 4.5" x 17" Film\*



FV-2010 LED Intensity Film Viewer was developed to meet the needs of Film Examiners for a code compliant X-Ray film Viewer:

- Allows viewing of long strip films
- Bright enough to view > 4.0 Density Film
- Compact enough for a dark room trailer
- Low heat output
- 25 year lamp life\*
- Low power consumption
- Universal Power Supply

The compact size of the FV-2010 makes it easier and less expensive to ship, which is especially important to international customers. It comes with a universal power supply, allowing the unit to be used world-wide.

The LEDs used in the FV-2010 have a pure white light, providing a very uniform illumination and have a theoretical life expectancy of 50,000 hours! That computes to 25 years without having to buy and change bulbs. The LEDs use much less electricity and generate significantly less heat than conventional lamps, which is better for the environment.

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The FV-2010 is engineered to provide many years of use. It uses a low voltage/constant current power supply specifically designed to extend the life of the LEDs. The FV-2010 is supplied with a Dimmer Control that allows intensity to be adjusted over the range of: 5 – 100%. A Foot Switch is also provided.

**Typical Luminance distribution in Cd/m<sup>2</sup>:**

112,000	112,000	114,000	114,000
114,000	115,000	115,000	114,000
113,000	112,000	113,000	113,000

<b>Specifications:</b>	
<b>Maximum Luminance: ≥</b>	115,000 Cd/m <sup>2</sup>
<b>Uniformity:</b>	g = 0.95
<b>Diffusion Factor:</b>	g = 0.95
<b>Viewer Window:</b>	15.8" x 4" / 400 x 100 mm
<b>Surface Temperature rise:</b>	≤ 64°F (18°C). After 12 hours of continuous operation at maximum brightness.
<b>Power:</b>	85 – 264 VAC, 47 – 63 Hz (110 & 220 – 240)
<b>Dimensions:</b>	23.6" x 3.1" x 6.3" / 600 x 80 x 160 mm
<b>Weight:</b>	8.8 lbs. / 4 Kg
<b>Warranty:</b>	1 year – USA

**Kit Contains:**

- FV-2010 Viewer
- 3 masks with the following sizes: 16"x3", 4"x3.2" and 10"x3.2"
- Power Supply
- Power Cable
- Operation Instructions
- Warranty Card

**Notes:**

- \*Actual size is 15.8" x 4"
- \*Theoretical lamp life

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