

## Revolutionary Industrial LED Film Viewer



# FV-2008

- ▶ Super high Luminance
- ▶ High uniformity, energy-saving
- ▶ Environmentally
- ▶ Free lifetime service guarantee

**MAX.  $L \geq 205,000 \text{Cd/m}^2$      $g \geq 0.9$      $\sigma' \geq 0.95$**

### Characteristic:

- Luminance :  $205,000 \text{Cd/M}^2$  (643,700Lux)
- Uniformity: 0.9, Diffusion factor:0.95
- Imported LED chip with original packing
- 12 hours continues maximum luminance, Surface temperature rise  $\leq 18^\circ\text{C}$
- Unlimited dimmer from 5%-100%
- Rugged aluminum frame
- Over-Temperature warning (check that the power light is red)
- Free lifetime service guarantee

FV-2008 LED Film Viewer is developed according to the Norm of ISO5580 Industrial radiographic illuminators - Minimum requirements. We import LED chip abroad as the light source of viewer unprecedentedly. With its help, you can see tiny cracks on 5.0 density film easily. At the maximum luminance, the film being viewed will not be crimped after 12 hours of continuous working.

FV-2008 LED Film Viewer adopt constant current power which is specially designed to the viewer. With its help, the LED will be protected notably, so the lifetime can be extended. For the sake of safe using, FV-2008 is adjusted in low voltage. By the magnifier and ruler which is mounted on the viewer, you can check tiny cracks conveniently.

### Compares to traditional fluorescence and tungsten lamp

	LED	Fluorescence	Tungsten lamp
<b>Luminance</b>	$205,000 \text{Cd/M}^2$	$60,000 \text{Cd/M}^2$	$100,000 \text{Cd/M}^2$
<b>Same intensity, generate heat</b>	Low	Medium	High
<b>Life time</b>	50,000 hours	2,000 hours	1,000 hours
<b>Shock resistance</b>	Good	Poor	Poor
<b>Life time influenced by start-up times</b>	Low (approximate none)	High	Medium



**Luminance distribution of the view window (Unit: Cd/m<sup>2</sup>)**

204,000	205,000	205,000	204,000
204,000	205,000	205,000	204,000
204,000	205,000	205,000	204,000

**Spare parts list:**

Description	Quantity
Foot Pedal	1
2A Fuse	1
Screwdriver	1
Instruction (English)	1
Guarantee and report (English)	1
Light mask (150*60mm)	1
Light mask (150*45mm)	1

**Specification:**

Max Luminance: $\geq 204,000 \text{ Cd/M}^2$ (643,700Lux)	Uniformity: $g \geq 0.9$
Diffusion factor: $\sigma' \geq 0.95$	Viewer window: 220*80mm
Surface temp. rise $\leq 18^\circ\text{C}$ After 12 hours continues maximum luminance	POWER: 85-264VAC 47~63Hz. (Full range)
Dimension: 396*209*210mm (L*W*H)	Weight: 5.8kg
CE Approved	

**+982165565901**

**+982144584619**

**+989034119385**

**Tehran, Tehransar**