

Portable Industrial LED Film Viewer



FV-2010

- ▶ Larger size: 400×100mm (15.8×4 inch)
- ▶ Low noise: Fan with temperature depended
- ▶ 2 years free service guarantee
- ▶ CE Approved

MAX. $L \geq 130,000 \text{Cd/m}^2$ $g=0.95$ $\sigma'=0.95$

Characteristic:

- Luminance : 130,000Cd/M² (408,200Lux)
- Uniformity: 0.95 , Diffusion factor:0.95
- Window Size: 400×100mm (15.8×4")
- Weight less than 4.0 Kg (8.8lbs)
- 12 hours continues maximum luminance,
Surface temperature rise $\leq 18^\circ\text{C}$
- Unlimited dimmer from 5%-100%
- Free 2 years service guarantee
- CE Approved

FV-2010 LED Film Viewer is developed according to the Norm of ISO5580 Industrial radiographic illuminators - Minimum requirements. Inherited fine traditions of FV-2008 and FV-2009, adopt powered LED area light source, enable the viewer to high luminance and excellent uniformity, theoretical lifetime span up to more than 50,000 hours.

As a new member of FV series LED film viewer, thanks to its large window design, FV-2010 is extremely suitable for fieldwork where large film was used. Can view films to 4.1H/D, meet the needs of daily use. It adopts 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 Safety use, low voltage PWM unlimited dimmer is used. Foot mode and hand mode are equipped.

Luminance distribution of the view window (Unit: Cd/m²)

128,000	128,000	130,000	128,000
128,000	129,000	130,000	129,000
127,000	128,000	129,000	128,000

Spare parts list:

Description	Quantity
Power adaptor & Line	1
Foot pedal	1
Light mask (400×70mm, 240×80mm, 100×80mm)	1
Instruction (English)	1
Guarantee and report (English)	1

Specification:

Max Luminance: $\geq 130,000 \text{Cd/M}^2$ (408,200Lux)	Uniformity: $g=0.95$
Diffusion Factor: $\sigma'=0.95$	Viewer window: 400×100mm (15.8×4 inch)
Surface temp. rise $\leq 18^\circ\text{C}$ After 12 hours continues maximum luminance	Power: 85-264VAC 47~63Hz. (Full range)
Dimension: 600×80×160mm 23.6×3.1×6.3 inch (L×W×H)	Weight: 4Kg (8.8 lbs)

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ISO 9001 Registered

PRODUCT CERTIFICATE

PRODUCT Industrial LED film viewer

MODEL **FV-2010**

SERIAL NO. 100760

MEASUREMENT BASED ON EN 25580 / ISO 5580

MEASUREMENT RESULT QC Passed

Testing Report:

Maximum Luminance: 130,000Cd/M² Uniformity g: 0.96

Diffusion factor σ': 0.95 Maximum Reading Density: 4.1 H/D

Film Density	ASTM/EN/ISO MIN. Cd/m ²	TEST MAX. Cd/m ²
2.21	30	812.54
2.72	10	265.50
3.66	10	40.20
4.29	10	9.10

NOTE: The luminance mentioned in above table is measured light through the film.



INSPECTOR

INSPECTOR 3

MANAGER

INSPECTOR 1

Date of Measurement: 2014.2.28

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