

Portable Industrial LED Film Viewer

FV-2010



- ▶ **Larger size: 400×100mm (15.8×4 inch)**
- ▶ **Built-in Light mask**
- ▶ **Low noise: Fan with temperature depended**
- ▶ **2 years free service guarantee**

MAX. $L \geq 105,000 \text{Cd/m}^2$ $g=0.95$ $\sigma'=0.95$

Characteristic:

- Luminance : 105,000Cd/M² (329,700Lux)
- Uniformity: 0.95 , Diffusion factor:0.95
- Window Size: 400×100mm (15.8×4")
- Built-in Light Mask Adjustable Range: 80×100mm - 400×100mm
- 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

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)

102,000	102,000	104,000	104,000
104,000	105,000	105,000	104,000
103,000	102,300	103,000	103,000

Spare parts list:

Description	Quantity
Power adaptor	1
Power line	1
Foot pedal	1
Instruction (English)	1
Guarantee and report (English)	1

Specification:

Max Luminance: $\geq 105,000 \text{Cd/M}^2$ (329,700Lux)	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 hour s cont inues 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)

LCNDT 鹿成

www.Lcndt.net

®



ISO 9001 Registered

PRODUCT CERTIFICATE

PRODUCT	Industrial LED film viewer
MODEL	FV-2010
SERIAL NO.	100001
MEASUREMENT BASED ON	EN 25580 / ISO 5580
MEASUREMENT RESULT	QC Passed

Testing Report:

Maximum Luminance: 10,500Cd/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	503.34
2.72	10	189.67
3.66	10	23.43
4.29	10	8.52

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



INSPECTOR

INSPECTOR 3

MANAGER

INSPECTOR 1

Date of Measurement: 2011.6.7

Lu Cheng NDT Equipment Corp.

E-mail: Sales@Lcndt.net (For sales) gm@Lcndt.net (For service)

[Http://www.Lcndt.net](http://www.Lcndt.net)

Phone: 86-577-88293040 Fax: 86-577-88259689