

# FS40-WU MKII

Rock-solid and powerful WUXGA LED projector for NVG training

24/7  
OPERATION

PULSE  
PROCESSING

CONSTANT  
LIGHT OUTPUT

1  
CHIP  
DLP



- Night Vision Goggles stimulation
- True solid-state and ruggedized
- Bright LEDs with exceptional color fidelity
- 100-0% LED dimming for training at any time
- Barco Pulse software ensures powerful processing and lowest latency

The FS40-WU MKII is the latest in the line of true solid-state simulation-ready projectors from Barco. Combining LED illumination technology with Barco Pulse electronics performance, the FS40 delivers visual excellence and extreme reliability with a low TCO. Designed for simulation applications, the FS40 features both an RGB and a dedicated IR light source, which allows for individual control of visible light and IR intensity to simulate daytime and nighttime training scenarios. Dual iris and optical filters ensure optimal contrast and deeper black levels for best in class image clarity. Designed for the most demanding simulation environments, the FS40 delivers a vision to trust.

### Extreme reliability in all situations

Using the latest LED illumination, the FS40 produces high brightness images with optimal clarity and color gamut. Thanks to the Single Step Processing (SSP®) technology in Barco Pulse the FS40 WUXGA benefits from built-in warp and blend and smooth images up to 240Hz frame rate.

### Lowest TCO

The FS40 uses a proven DLP® sealed optical engine and the latest solid-state LED illumination. Simulator operators can benefit from reduced Total Cost of Ownership (TCO) with extended maintenance cycles and no lamp changes or color adjustments for up to 50,000hrs. Barco Constant Light Output (CLO) functionality ensures predictability in linear brightness performance over the life of the projector. Additional protection is available when using new intelligent high-efficiency air filters for installations in dusty and harsh environments.

**Product specificaties****FS40-WU MKII**

General specifications	
Helderheid	3,200 Typical ANSI Lumens
Contrastverhouding	1800-6000:1
Infrarood voor nachtkijkers	Yes
Helderheidsuniformiteit	90%
Beeldverhouding	16:10
Type projector	1DLP RGB LED
Resolutie	1920 x 1200 (native)
Type lens	FLD/FLD+/FLDX
Optische lensverschuiving	Vertical up to 134%, depending on lens Horizontal up to 70%, depending on lens Motorized zoom and focus (+ lens memory FLDX lenses) Motorized lens shift (with position memory on all lenses)
Kleurcorrectie	P7 RealColor™
CLU (constante lichtuitvoer)	Yes
Lichtbron	RGB LED
Levensduur lichtbron	Up to 50,000 hours
Verzegelde DLP™-kern	Yes
Oriëntatie	360° rotation, no restrictions
3D	Active stereoscopic 3D
Beeldverwerking	Embedded warp & blend engine
Trapeziumcorrectie	Yes
Ingangen	2x DP1.2 2x dual link DVI-I HDBaseT upgradable HDMI 2.0 (HDCP2.2, HDR10) RJ 45 Ethernet RS232 in 2x USB 12v out
Invoerresoluties	Including and up to: 1,920 x 1200 @ 60Hz 1,920 x 1,200 @ 240Hz
Kleurdiepte invoeren	DVI: Native including and up to 1920x1200@120Hz 8 bit RGB. Non-native including and up to 2560x1600@60Hz 8 bit RGB and 3840x2400@50Hz 8 bit RGB DisplayPort: Native including and up to 1920x1200@120Hz 12 bit RGB, and 1920x1200@240Hz 8 bit RGB. Non-native including and up to 2560x1600@120Hz 12 bit RGB and 3840x2400@60Hz 8 bit RGB
Softwaretools	Projector Toolset
Controle	IR, RS232, RJ45
Netwerkverbinding	IR, RS232, RJ45
Voedingsvereisten	100-240V / 50-60Hz
Energieverbruik	500 W typical, 570 W maximum
BTU/uur	1,707 BTU/h typical, 1,945 BTU/h max
Geluidsniveau (standaard bij 25°C/77°F)	33 dB(A)
Bedrijfstemperatuur	10 -40 °C (sea level)
Opslagtemperatuur	-20 to 60 °C
Vochtigheid in bedrijf	20 -80% RH
Vochtigheid bij opslag	10 -90% RH
Afmetingen (B x L x H)	450 x 457 x 244 mm / 17,7 x 18,0 x 9,6 in
Gewicht	21,5 kg / 47,4 lbs
Standaardaccessoires	Power cord, wireless remote control
Certificeringen	CE, FCC Class A and cNus
Garantie	Limited 5 years parts and labor, extendable

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