

FS70-W6

WUXGA laser-phosphor projector with NVG stimulation



- **Designed for simulation**
- **Night Vision Goggles stimulation**
- **Durable and robust for 24/7 operation**
- **High brightness (5,500 lumen)**
- **Long lifetime (up to 50,000 hours)**

The FS70-W6 is a laser-phosphor projector with WUXGA resolution that was built specifically for simulation applications. This dedicated IR projector answer to the simulation market's specific requirements - including high robustness, longer lifetime, and laser-sharp image quality. It also allows for full individual control of visual and IR intensity to stimulate Night Vision Goggles with IR transmission at 740nm. Dual iris and optical filters ensure better contrast and higher black levels.

Fitted with protective metal encasing the entire projector, Barco's FS70 is robust enough to withstand a motion platform's rapid and sudden movements, making it the perfect choice for this type of applications. With a lifetime of up to 50,000 hours (depending on the mode of operation), the FS70 is one of the most durable projectors on the market today.

Designed for 24/7 use

The FS70 is designed for performance and reliability. With the Constant Light Output (CLO[®]) functionality, the projector produces predictable and constant brightness and color over an extended period of time. Designed specifically for training during dawn, day, dusk, and night, the FS70 offers the latest infrared technology that ensures an extremely realistic NVGs training experience alongside dimming possibilities from 0-100%, ensuring optimal training at any time of day. The design of the FS70 also takes into account the mounting requirements and suite of lenses, making the FS70 the perfect choice for technology upgrade decisions.

Brighter, better

With brightness levels in simulation configurations of up to 5,500 lumens, the FS70 can effortlessly meet the requirements of any simulation system. This means that, along with minute details, you also have the matching brightness to see every single aspect of the simulation scene in absolute clarity. Features especially designed for simulation include Smear Reduction Processing (SRPTM), dual input @120HZ, dual iris and optical filters for better contrast and higher black levels, as well as optics purpose designed for Night Vision Goggle stimulation.

Product specificaties**FS70-W6****Algemene specificaties**

Helderheid	5,900 Typical ANSI Lumens
Contrastverhouding	1,800 – 6,000:1 sequential
IR voor NVG	yes
Uniformiteit van de helderheid	90%
Aspectverhouding	16:10
Type projector	1DLP laser phosphor
Resolutie	1,920 x 1,200 (WUXGA)
Type lens	FLD-series
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™
CLO (constante lichtopbrengst)	Yes
Lichtbron	Laser phosphor
Levensduur lichtbron	Minimum 25,000 hours @ full power Up to 50,000 hours, depending on mode of operation
Verzegelde DLP™ core	Yes
Oriëntatie	360° rotation, no restrictions
3D	Active stereoscopic 3D
Beeldverwerking	Embedded warp & blend engine
Keystone-correctie	Yes
Ingangen	HDSDI 2x DP1.2 2x dual link DVI-I HDBaseT HDMI™ 2.0 (HDCP2.2, HDR10) RJ 45 Ethernet DMX in/out RS232 in 2x USB 12v out
Invoerresolutie	Including and up to: 1,920 x 1,200 @ 60Hz 2,560 x 1,600 @ 120Hz
Kleurdiepte invoeren	Up to 12-bit, depending on configuration
Softwaretools	Projector Toolset
Bediening	IR, RS232, RJ45
Netwerkverbinding	IR, RS232, RJ45
Stroomvereisten	100-240V / 50-60Hz
Stroomverbruik	743 W nominal, 1100 W maximum
BTU per uur	Max 4,000 BTU/h
Geluidsniveau (typisch bij 25°C/77°F)	36 dB(A)
Temperatuur tijdens gebruik	10 -40 °C (sea level)
Temperatuur bij opslag	-20 to 60 °C
Luchtvochtigheid tijdens gebruik	20 -80% RH
Luchtvochtigheid bij opslag	10 -90% RH
Afmetingen (B x L x H)	475 x 593 x 286 mm / 18,7 x 23,3 x 11,2 in
Gewicht	37 kg / 81,5 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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