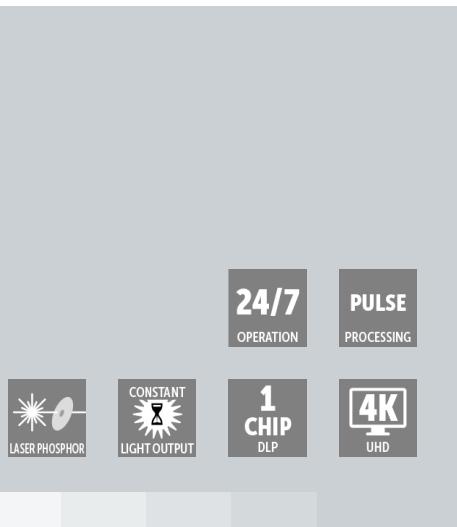


# F70-4K4

4K laser phosphor projector



- Up to 4K (3,840 x 2,400) resolution
- Durable and robust for 24/7 operation
- Improved motion Smear Reduction Processing (SRP)
- Long lifetime (up to 60,000 hours)

The F70-4K4, powered by Barco Pulse image processing, is a 4,000-lumen addition to the flagship F70 laser-phosphor series with native WQXGA and up to 4K (3,840 x 2,400) resolution. It comes with improved performance for fast moving content, as well as improved color-to-white ratio, intended for high-demanding applications. Designed specifically for the simulation market's tough requirements it is robust and reliable, with an outstanding image quality.

#### 24/7 operation for Low Total Cost of Ownership (TCO)

Designed for the motion platform's rapid and sudden movements, it is the perfect choice for any type of applications that need a robust visual system that last over time and can be operated 24/7. With a lifetime of up to 60,000 hours\* coupled with long service intervals, the F70-series is one of the most durable projectors on the market and make sure the training time is maximized.

#### Optimized for smooth image performance

The F70-4K4's powerful and improved Motion Smear Reduction Processing (SRP) is optimized to remove the typical challenges occurring when viewing fast-moving content, e.g. when an aircraft is rolling, pitching, or banking. Combined with an improved color-to-white ratio, the user will experience increased brightness in colors, better color performance across moving images and deeper black levels for an impeccable reproduction of scenes. The SRP feature will also have a positive impact on lifetime.

With the Constant Light Output (CLOTM) functionality, the projector produces predictable, constant brightness and color over time. And thanks to Barco's unique and proprietary Single Step Processing (SSPTM) technology inherent in Barco Pulse, the F70 can perform several simultaneous processing intensive tasks, like running 4K resolution and warping/blending, without adding extra latency, providing a sharper and higher overall image quality.

\*Depending on the mode of operation

**TECHNICAL SPECIFICATIONS****F70-4K4**

brillo	4,000 lumens
relación de contraste	1800:1 sequential, 50,000:1 dynamic
IR para NVG	no
brillo uniforme	90%
Relación de aspecto	16:10
Tipo de proyector	1DLP laser phosphor
resolución	3,840 x 2,400 / 3,840 x 2,160 / 2,560 x 1,600 (native)
Tipo de lente	FLD-series
Cambio de objetivo de la lente	Vertical up to 146%, 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)
Corrección del color	P7 RealColor™
CLO (emisión constante de luz)	Yes
Fuente de luz	Laser phosphor
Vida útil de la fuente de luz	Up to 60,000 hours, depending on mode of operation
núcleo DLP? estanco	Yes
Orientación	360° rotation, no restrictions
3D	Active stereoscopic 3D
Procesamiento de imágenes	Embedded warp & blend engine (Barco Pulse)
Corrección Keystone	Yes
entradas	HDSDI 2x DP1.2 2x dual link DVI-I HDBaseT HDMI2.0 (HDCP2.2, HDR10) RJ 45 Ethernet DMX in/out RS232 in 2x USB 12v out
Resoluciones de entrada	Including and up to: 3,840 x 2,400 @ 60Hz 3,840 x 2,160 @ 60Hz 4,096 x 2,160 @ 60Hz 2,560 x 1,600 @ 120Hz refresh rates: 24Hz to 120Hz for WQXGA (2560x1600) and 24Hz to 60Hz for 4K/4KUHD (4096 x 2160/ 3860 x 2400)
Herramientas de software	Projector Toolset
Control	IR, RS232, RJ45
conexión de red	IR, RS232, RJ45
Requisitos de alimentación	100-240V / 50-60Hz
consumo de potencia	743 W nominal, 1100 W maximum
BTU por hora	Max 4,000 BTU/h
Nivel de ruido (típico a 25 °C/77 °F)	36 dB(A)
Temperatura operativa	10 -40 °C (sea level)
Temperatura de almacenamiento	-20 to 60 °C
humedad de trabajo	20 -80% RH
humedad de almacenaje	10 -90% RH
dimensiones (ancho x largo x alto)	475 x 593 x 286 mm / 18,7 x 23,3 x 11,2 in
peso	37 kg / 81,5 lbs
Accesorios estándar	Power cord, wireless remote control
Certificaciones	CE, FCC Class A and cNus
Garantía	Limited 3 years parts and labor. Extendable up to 5 years

Generado en: 08 Jul 2020

Las especificaciones técnicas pueden estar sujetas a cambios sin previo aviso. Consulte [www.barco.com](http://www.barco.com) para obtener la información más actual.