

F70-4K8

4K UHD laser phosphor projector



- 4K UHD resolution
- Durable and robust for 24/7 operation
- High brightness
- Long lifetime (up to 60,000 hours)

The F70-4K8 is a laser phosphor projector with native WQXGA and up to 4K UHD resolution. The F70 series answers to the ProAV market's specific requirements - including high robustness, longer lifetime, and laser-sharp image quality. Projectors that do not meet these demands don't last long or might require frequent and expensive maintenance.

Thanks to its rugged design Barco's F70 is motion platform capable, making it the perfect choice for theme parks, dark rides and the most demanding fixed installations. With a lifetime of up to 60,000 hours (depending on the mode of operation), the F70 is one of the most durable projectors on the market and is ready for service in the most demanding environments.

Designed for 24/7 use

The F70 is designed for performance and reliability. Capable of running in any orientation, the F70 projectors offer more installation flexibility. All of Barco's F-series projectors feature the same high-resolution FLD and FLD+ lenses so that you can reuse your lenses.

Brighter, better

With brightness levels of 7,500 lumens, the F70-4K8 is one of the brightest single-chip DLP projectors on the market. With the Constant Light Output (CLOTM) functionality, the projector produces constant brightness and color over a long period of time.

PRODUCT SPECIFICATIONS**F70-4K8**

Brightness	7,500 lumens
Contrast ratio	1800:1 sequential, 50,000:1 dynamic
IR for NVG	
Brightness uniformity	90%
Aspect ratio	16:10
Projector type	1DLP laser phosphor
Resolution	3,840 x 2,400 (4K UHD) / 2,560 x 1,600 (native)
Lens type	FLD/FLD+
Optical lens shift	Up to 134% lens shift, depending on lens. Motorized zoom, focus, vertical and horizontal shift, iris* and shutter.
Color correction	P7 RealColor™
CLO (constant light output)	Yes*
Light source	Laser phosphor
Light source lifetime	Up to 60,000 hours, depending on mode of operation
Sealed DLP™ core	Yes
Orientation	360° rotation, no restrictions
3D	Active stereoscopic 3D
Image processing	Embedded warp & blend engine
Keystone correction	Yes
Inputs	HDSDI 2x DP1.2 2x dual link DVI-I HDBaseT upgradable HDMI2.0 upgradable RJ 45 Ethernet DMX in/out*(upgradable) RS232 in 2x USB 12v out
Input resolutions	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
Software tools	Projector Toolset
Control	IR, RS232, RJ45
Network connection	IR, RS232, RJ45
Power requirements	100-240V / 50-60Hz
Power consumption	1,100 W Max.
BTU per hour	Max 4,000 BTU/h
Noise level (typical at 25°C/77°F)	36 dB(A)
Operating temperature	10 -40 °C (sea level)
Storage temperature	-20 to 60 °C
Operating humidity	20 -80% RH
Storage humidity	10 -90% RH
Dimensions (WxLxH)	475 x 593 x 286 mm (18,7 x 23,3 x 11,2 in)

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Weight	37 kg (81,5 lbs)
Standard accessories	Power cord, wireless remote control
Certifications	CE, FCC Class A and cCSAus
Warranty	Limited 3 years parts and labor. Extendable up to 5 years
Notes	* SW upgradable. Please contact an authorized Barco representative for details.

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Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.