

# F70-4K6

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 F70-4K6 is a laser phosphor projector with native WQXGA and up to 4K UHD resolution. The F70 series answers to the simulation and 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 require frequent and expensive maintenance.

Fitted with protective metal, Barco's F70 withstands a motion platform's rapid and sudden movements, making it the perfect choice for theme parks. 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 up to 7,500 lumens, the F70-4K6 is one of the brightest single-chip DLP projectors on the market with 4K UHD resolution. With the Constant Light Output (CLOTM) functionality, the projector produces constant brightness and color over a long period of time. And thanks to Barco's unique and proprietary Single Step Processing (SSPTM) technology, the F70 achieves 4K UHD resolution in only one step. So, you benefit from a sharper image and much higher overall image quality with less latency.

**PRODUCT SPECIFICATIONS****F70-4K6**

Projector type	1DLP laser phosphor
Resolution	3,840 x 2,400 (4K UHD) / 2,560 x 1,600 (native)
Brightness	5,000 - 7,500 lumens
Contrast ratio	1800:1 sequential, 50,000:1 dynamic
IR for NVG	yes
Brightness uniformity	90%
Aspect ratio	16:10
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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<b>Weight</b>	37 kg / 81,5 lbs
<b>Standard accessories</b>	Power cord, wireless remote control
<b>Certifications</b>	CE, FCC Class A and cNus
<b>Warranty</b>	Limited 3 years parts and labor. Extendable up to 5 years
<b>Notes</b>	* 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](http://www.barco.com) for the latest information.