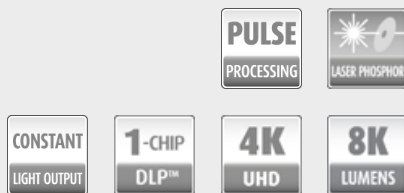


F70-4K6

4K UHD laser phosphor projector



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 (CLO™) 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 (SSP™) 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.

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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) HDMI1.4* (2.0 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 |
| 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. |

Last updated: 27 Mar 2017
Technical specifications are subject to change without prior notice.
Please check www.barco.com for the latest information.

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