

F70-4K6

4K UHD laser phosphor projector



- 4K UHD resolution
- Durable and robust for 24/7 operation
- High brightness

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 50,000 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 5,400 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.

Product specificaties**F70-4K6****Algemene specificaties**

Helderheid	5,400 Typical ANSI Lumens
Contrastverhouding	1,800 – 6,000:1 sequential
IR voor NVG	no
Uniformiteit van de helderheid	90%
Aspectverhouding	16:10 native
Type projector	1DLP laser phosphor
Resolutie	3,840 x 2,400 / 3,840 x 2,160 / 2,560 x 1,600 (native)
Type lens	FLD-series
Optische lensverschuiving	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)
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: 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)
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
TAA Compliance	Yes
Garantie	Limited 5 years parts and labor, extendable

Laatst bijgewerkt: 14 Jul 2026

© 2026 Barco nv. Alle rechten voorbehouden. Gehele of gedeeltelijke reproductie zonder schriftelijke toestemming is verboden. Alle merknamen en productnamen zijn handelsmerken, geregistreerde handelsmerken of handelsnamen van hun respectieve houders. Als gevolg van voortdurende innovatie kunnen informatie en technische specificaties zonder voorafgaande kennisgeving worden gewijzigd. Controleer www.barco.com voor de nieuwste specificaties.