

# F70-W8

WUXGA laser phosphor projector



- Durable and robust for 24/7 operation
- High brightness

The F70-W8 laser phosphor projector 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 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 8,000 lumens, the F70-W8 is one of the brightest single-chip DLP projectors on the market. With the Constant Light Output (CLO™) functionality, the projector produces constant brightness and color over a long period of time.

**Product specifications****F70-W8****General specifications**

Projector type	1DLP laser phosphor
IR for NVG	no
Resolution	1,920 x 1,200 (WUXGA)
Brightness	8,000 lumens
Brightness uniformity	90%
Contrast ratio	1,800 – 6,000:1 sequential
Light source	Laser phosphor
Light source lifetime	Minimum 25,000 hours @ full power Up to 50,000 hours, depending on mode of operation
Aspect ratio	16:10
Orientation	360° rotation, no restrictions
Sealed DLP™ core	Yes
Color correction	P7 RealColor™
CLO (constant light output)	Yes
Keystone correction	Yes
Image processing	Embedded warp & blend engine
3D	Active stereoscopic 3D
Lens type	FLD/FLD+
Optical lens shift	Vertical up to 134%, 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)
Inputs	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
Input resolutions	Including and up to: 1,920 x 1,200 @ 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)
Input color depth	DVI: Native including and up to 1920x1200@120Hz 8 bit RGB, Non-native including and up to 2560x1600@60Hz 8 bit RGB and 3840x2400@50Hz 8 bit RGB DisplayPort: Native including and up to 1920x1200@120Hz 12 bit RGB, Non-native including and up to 2560x1600@120Hz 12 bit RGB and 3840x2400@60Hz 8 bit RGB
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)
Operating humidity	20 -80% RH
Storage temperature	-20 to 60 °C
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 5 years parts and labor, extendable

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