

# F70-W8

WUXGA laser phosphor projector

PULSE  
PROCESSING

LASER PHOSPHOR

CONSTANT  
LIGHT OUTPUT

1  
CHIP  
DLP

24/7  
OPERATION

8K  
LUMENS



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

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 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 8,000 lumens, the F70-W8 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 specificaties****F70-W8**

General specifications	
Helderheid	8,000 lumens
Contrastverhouding	1,800:1 sequential, 50,000:1 dynamic
Infrarood voor nachtkijkers	no
Helderheidsuniformiteit	90%
Beeldverhouding	16:10
Type projector	1DLP laser phosphor
Resolutie	1,920 x 1,200 (WUXGA)
Type lens	FLD/FLD+
Optische lensverschuiving	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)
Kleurcorrectie	P7 RealColor™
CLU (constante lichtuitvoer)	Yes
Lichtbron	Laser phosphor
Levensduur lichtbron	Up to 60,000 hours, depending on mode of operation
Verzegelde DLP™-kern	Yes
Oriëntatie	360° rotation, no restrictions
3D	Active stereoscopic 3D
Beeldverwerking	Embedded warp & blend engine
Trapeziumcorrectie	Yes
Ingangen	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
Invoeresoluties	Including and up to: 1,920 x 1200 @ 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)

**Product specificaties****F70-W8**

Kleurdiepte invoeren	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
Softwaretools	Projector Toolset
Controle	IR, RS232, RJ45
Netwerkverbinding	IR, RS232, RJ45
Voedingsvereisten	100-240V / 50-60Hz
Energieverbruik	1,100 W Max.
BTU/uur	Max 4,000 BTU/h
Geluidsniveau (standaard bij 25°C/77°F)	36 dB(A)
Bedrijfstemperatuur	10 -40 °C (sea level)
Opslagtemperatuur	-20 to 60 °C
Vochtigheid in bedrijf	20 -80% RH
Vochtigheid 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 cCSAus
Garantie	Limited 5 years parts and labor, extendable

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