

F80-Q7

7,000 lumens, WQXGA, DLP laser phosphor projector



- **Stunning images with superb color performance**
- **Ultimate installation flexibility**
- **3D capable**

The stunning image quality and laser phosphor light source of Barco's F80 projectors enable you to provide exceptional experiences while saving both time and money. They're designed for fixed installation in a wide range of applications such as museums, board rooms, and auditoriums. Thanks to their 3D capability, they're also perfectly fit for theme park dark rides and interactive experiences.

Superior image quality

The F80-Q7 delivers stunning images with highly saturated colors that allow for accurate color reproduction at all times. What's more it features the powerful Barco Pulse processing that allows for sharper images and less latency thanks to its Single Step Processing (SSP).

Unprecedented business value

With this projector you can increase your uptime while driving costs down. Through its laser-phosphor light source and advanced cooling design, it provides a long operating time without need for lamp changes -resulting in considerable cost-savings on maintenance and consumables.

Ultimate installation flexibility

The F80-Q7 gives you more flexibility in projector location and orientation as it can run in any orientation. Thanks to its wide array of all-glass lenses and wide lens shift ranges, the F80-Q7 accommodates almost any projector configuration.

Product specificaties

F80-Q7

General specifications

Type projector	Single-chip DLP (0.67") laser phosphor projector
Resolutie	2,716 x 1,600 (WQXGA+ native)
Helderheid	7,000 center lumen*
	6,600 ansi lumen
	7,500 ISO lumen
Helderheidsuniformiteit	> 90%
Contrastverhouding	1,200:1 sequential, 10,000:1 dynamic*
Lichtbron	Laser phosphor
Levensduur lichtbron	> 20000 h in normal mode, > 12000 h in silent mode, > 40000 h in long life mode, > 12000 h in high brightness mode
Beeldverhouding	16:10
Kleurruimte	Rec. 709
Oriëntatie	360° rotation, no restrictions
Verzegelde DLP™-kern	Yes
24/7 operation	Yes**
Kleurcorrectie	P7 RealColor™
CLU (constante lichtuitvoer)	Yes
Trapeziumcorrectie	Yes
Beeldverwerking	Embedded warp & blend engine
3D	Active stereoscopic 3D / Passive stereo compatible
Type lens	GLD/FLDX/FLD+ (lens adapter needed)
Optische lensverschuiving	Vertical up to 125%, depending on lens Horizontal up to 50%, depending on lens Motorized zoom and focus (with lens memory on GLD and FLDX lenses) Motorized lens shift (with position memory on all lenses)
Ingangen	12G-SDI, 2x DP 1.2, 2x dual link DVI-D, HDBaseT, HDMI™ 2.0 (HDCP2.2, HDR10), RJ 45 Ethernet, DMX in/out, RS232 in, 2x USB, 12V out
Invoerresoluties	Up to 4K UHD @ 60Hz / Up to 2,560 x 1,600 @ 120Hz refresh rates: 24Hz to 120Hz for WQXGA+ (2716x1600) and 24Hz to 60Hz for 4K/4KUHD (4096 x 2160/ 3860 x 2400)
Software tools	Projector Toolset
Controle	IR, RS232, RJ45, XLR wired
Netwerkverbinding	10/100 Ethernet, RJ45
Voedingsvereisten	100-240V / 50-60Hz
Energieverbruik	700 W nominal, 850 W maximum
Stroom in stand-by	
BTU/uur	2,400 BTU/h nominal, 2,900 BTU/h maximum
Geluidsniveau (standaard bij 25°C/77°F)	35 dB(A)
Bedrijfstemperatuur	10°C (50°F)-40°C (104°F) (up to 1500m altitude) / 10° (50°F) -35°C (95°F) (up to 3000m altitude)
Vochtigheid in bedrijf	20 -80% RH (non-condensed)
Opslagtemperatuur	-20 to 60 °C
Vochtigheid bij opslag	20 -90% RH (non-condensed)
Afmetingen (B x L x H)	480 x 680 x 227 mm / 18.9 x 26.7 x 8.9 in
Gewicht	25.5 kg / 56.2 lbs
Standaardaccessoires	Power cord, wireless remote control
Certificeringen	CE, FCC Class A, cNemkoUS, CCC, EAC, KSA, RCM, UkrSEPRO
Garantie	Limited 3 years on parts and labor(***) Extendable up to 5 years.
*	* When measured with the GLD 1.43-2.12:1 lens in Wide Angle ** For optimal performance, switch off the projector regularly. For details please consult the manual. *** Except on light source: 20,000 hours in normal mode, or 3 years, whichever comes first.

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