

F80-Q12

12,000 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-Q12 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-Q12 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-Q12 accommodates almost any projector configuration.

Product specificaties**F80-Q12**

General specifications	
Type projector	Single-chip DLP laser phosphor projector
Technologie	0.67" DMD™ x1
Resolutie	2,716 x 1,600 (WQXGA+ native)
Helderheid	11,300 center lumens* 10,700 ANSI lumens 12,000 ISO lumens
Contrastverhouding	1,200:1 sequential, 10,000:1 dynamic*
Helderheidsuniformiteit	> 90%
Beeldverhouding	17:10 native
Overvloeien	horizontal and vertical edge blending
Type lens	GLD / FLD+ (lens adapter needed) / FLDX (lens adapter needed)
Lensbereik	GLD-range: 0.8 -1.0 ; 1.0 -1.35 ; 1.35 -2.0 ; 2.0 -3.0
Schermformaat	max 20m
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)
Kleurruimte	Rec. 709
Kleurcorrectie	P7 RealColor™
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
Verzegelde DLPTM-kern	Yes -standard
Optische dowser	laser dimming
Oriëntatie	360° rotation, no restrictions
DMX 512	Standard
Beeldverwerking	Embedded warp & blend engine direct adjust OSD + Ptoolset
Webbrowser	integrated
CLU (constante lichtuitvoer)	Yes
3D	Active stereoscopic 3D / Passive stereo compatible max WQXGA @120Hz
Trapeziumcorrectie	Yes
Ingangen	HDMI2.0 (HDCP2.2, HDR10) / 2x DP 1.2 / 12G-SDI /2x dual link DVI-D / HDBaseT / 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)
Softwaretools	Projector Toolset
Controle	IR, RS232, RJ45, XLR wired
24/7 operation	Yes**
Netwerkverbinding	10/100 Ethernet, RJ45

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Voedingsvereisten	100-240V / 50-60Hz
Energieverbruik	1050 W nominal, 1200 W maximum
Stroom in stand-by	< 0.5W
Geluidsniveau (standaard bij 25°C/77°F)	35 dB(A) when used in silent mode / 39 dB(A) in normal mode
Operationele omgevingstemperatuur	0°-35°C / 32°-95°F
Opslagtemperatuur	-20 to 60 °C
operationele vochtigheid geen condens	0%-80%
Vochtigheid bij opslag	20 -90% RH (non-condensed)
Dissipatie BTU	max 4100 BTU/h
Afmetingen (B x L x H)	480 x 680 x 227 mm / 18.9 x 26.7 x 8.9 in
Gewicht	26.8 kg / 59.1 lbs (without lens)
Verzendingsafmetingen (L x B x H)	583 x 784 x 444 mm / 23.0 x 30.9 x 17.5 inch
Verzendgewicht	38.5 kg / 81.6 lbs
Standaardaccessoires	Power cord, wireless/XLR wired rugged remote control
Certificeringen	Compliant with UL60950-1 and EN60950-1 complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A, RoHS
Garantie	Limited 3 years on parts and labor(***) Extendable up to 5 years.
Opmerkingen	* 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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