

F80-Q12

12,000 lumens, WQXGA, DLP laser phosphor projector



- **Stunning images with superb color performance**
- **Ultimate installation flexibility, 24/7 operation**
- **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 SPECIFICATIONS**F80-Q12**

Projector type	Single-chip DLP laser phosphor projector
Resolution	2,560 x 1,600 (WQXGA) / 2,716 x 1,600 native
Brightness	12,000 center lumens
Contrast ratio	1,200:1 sequential / 10,000:1 dynamic *
Brightness uniformity	95%
Aspect ratio	16:10 / 17:10 native
Lens type	GLD / FLD+ (lens adapter needed)
Optical lens shift	Up to 125% shift, depending on lens. Motorized zoom, focus, vertical and horizontal shift
Color correction	P7 RealColor™
CLO (constant light output)	Yes
Light source	Laser phosphor
Light source lifetime	40,000 hours in long life mode / 20,000 hrs in normal mode
Sealed DLP™ core	Yes
Orientation	360° rotation, no restrictions
3D	Active stereoscopic 3D / Passive stereo compatible
Image processing	Embedded warp & blend engine
Keystone correction	Yes
Inputs	HDMI 2.0 / 2x DP 1.2 / 12G-SDI / 2x dual link DVI-D / HDBaseT / RJ 45 Ethernet / DMX in-out / RS232 in / 2x USB / 12V out
Input resolutions	Up to 4K UHD @ 60Hz / Up to 2,560 x 1,600 @ 120Hz
Software tools	Projector Toolset
Control	IR, RS232, RJ45, XLR wired
Network connection	10/100 Ethernet, RJ45
Power requirements	100-240V / 50-60Hz
Power consumption	1050 W nominal, 1200 W maximum
BTU per hour	3,600 BTU/h nominal; 4,100 BTU/h maximum
Standby power	< 0.5W
Noise level (typical at 25°C/77°F)	35 dB(A) when used in silent mode / 39 dB(A) in normal mode
Operating temperature	10°C (50°F)-40°C (104°F) (up to 1500m altitude) / 10° (50°F) -35°C (95°F) (up to 3000m altitude)
Storage temperature	-20 to 60 °C
Operating humidity	20 -80% RH (non-condensed)
Storage humidity	20 -90% RH (non-condensed)
Dimensions (WxLxH)	480 x 680 x 227 mm / 18.9 x 26.7 x 8.9 in
Weight	26.8 kg / 59.1 lbs (without lens)
Standard accessories	Power cord, wireless remote control
Certifications	CE, FCC Class A, cNemkoUS, CCC, EAC, KSA, RCM, UkrSEPRO
Warranty	Limited 3 years parts and labor. Extendable up to 5 years
Notes	* SW upgradable. Please contact an authorized Barco representative for details.

Last updated: 28 Jan 2019

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.