

F80 series

7,000 lumen, DLP laser phosphor projectors
for Training & Simulation



- Crisp images at native WQXGA or 4K UHD resolution for accurate target identification
- Solid state illumination for long lifetime
- 20,000 hours maintenance-free operation
- F-series performance at unmatched business value

The stunning image quality and laser phosphor light source of Barco's F80 projectors enable trainees to get the most out of their training sessions. The F80 series projectors are a perfect fit for intense use simulation applications, most notably in small arms skills development training and debriefing rooms, featuring the innovations needed to ensure a consistent level of high impact visuals over a long lifetime.

Premium image quality

Available with WQXGA (F80-Q7) or full 4K-UHD (F80-4K7) resolution, the F80 series delivers stunning images with highly saturated colors that allow for accurate color reproduction at all times. The high resolution single and dual input (WQXGA at 120 Hz) ensures dramatically improved image quality without image artifacts. Furthermore, thanks to its wide array of all-glass lenses and wide lens shift, the F80 series accommodates almost any projector configuration.

Unprecedented business value

With this very competitively positioned projector you can increase your uptime while driving costs down. Through its laser phosphor light source and advanced cooling design, the F80 is maintenance-free for up to 20,000 hours - resulting in considerable cost-savings on technician time and consumables. This makes the F80 series the perfect projection solution for basic simulation applications that require a high cost-efficiency and a worry-free operation.

PRODUCT SPECIFICATIONS**F80 SERIES**

Projector type	Single-chip DLP laser phosphor projector
Technology	0.64" TRP DMD
Resolution	F80-4K7: 3,840 x 2,400 (4K UHD) / 2,560 x 1,600 (native) F80-Q7: 2,560 x 1,600 (native only)
Input resolutions	Including and up to: 3,840 x 2,400 @ 60Hz 3,840 x 2,160 @ 60Hz 4,096 x 2,160 @ 60Hz 2,560 x 1,600 @ 120Hz
Output Resolutions	F80-4K7: 2,560 x 1,600 (WQXGA) ; 3,840 x 2,400 (16:10) ; 3,840 x 2,160 (16:9) F80-Q7: 2,560 x 1,600 (WQXGA)
Brightness	7,000 lumens
Contrast ratio	1,300:1
Aspect ratio	16:10
Optical lens shift	Motorized zoom, focus, vertical and horizontal shift depending on lens
Throw Ratio	0.85 - 1.06 ; 1.06 - 1.43 ; 1.43 - 2.12 ; 2.12 - 3.18 and compatible with FLD/FLD+ series (with adapter)
Light source	Laser phosphor
Light source lifetime	Up to 40,000 hours
Orientation	360° rotation, no restrictions
Inputs	HDMI, DVI, HDBaseT, DisplayPort, SDI, DMX
Power requirements	100-240V / 50-60Hz
Power consumption	700 W nominal, 850 W maximum
Noise level (typical at 25°C/77°F)	35 dB(A)
Dimensions (WxLxH)	480 x 680 x 227 mm / 18.9 x 26.7 x 8.9 in
Weight	25.5 kg / 56.2 lbs
Certifications	FCC Class A
Warranty	3 years

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