

F22 series

High-performance single-chip DLP projector with 1080p, SXGA+ or WUXGA resolution up to 3,300 lumens



- **10-bit color processing, Real Color™ technology**
- **Fully networkable with remote asset management capabilities**
- **Various installation configurations including portrait mode**

The F22-series is the ultimate compact performance projector for technically challenging and demanding applications. Providing world-class technology, a functional and innovative design, the F22 delivers an unmatched level of performance, reliability, automation and customization.

The design is in the details

Featuring WUXGA, 1080p and SXGA+ resolutions with up to 3,300 lumens, the F22 ensures the best possible result for your image needs in every situation. Its compact footprint makes smart use of valuable installation area and reduces the resources required during physical installation. Once mounted, lamp changes can be done with the projector in situ, saving both time and money.

Performance you can count on

The F22-series projectors are specifically engineered for demanding environments such as motion-based simulators or theme park rides, where reliability and performance are paramount. Each projector is manufactured and meticulously tested and calibrated in the Barco center of excellence in Norway. The product is warranted for 24/7 operation and is supported around-the-clock by Barco's global service and support team.

Product specificaties**F22 SERIES****General specifications**

Concept	optical lens shift design
Resolutie	SXGA+ (1,400 x 1,050) / 1080p (1,920 x 1,080) / WUXGA (1,920 x 1,200)
Helderheid	Up to 3,300 lumens
Technologie	single-chip DLP® projector
Contrast	Up to 2,500 : 1 (Nominal full field on/off)
Beeldverhouding	16:9 (720p) / 4:3 (SXGA+) / 16:9 (1080p) / 16:10 (WUXGA)
Beeldschermkleuren	Less than 1 Billion colours, 30-bit RGB
Latentie	~22ms frame on graphics port
Grafische indelingen computer	1,920 x 1,200 -640 x 480 pixel resolution (model dependent) / RGBHV, RGBS, RGsB
Horizontale scanfrequenties	15 -150 kHz (resolution dependant)
Verticale scanfrequenties	48 -190 Hz (resolution dependant)
Videoformaten	EDTV (576p, 480p) / SDTV (576i, 480i) / HDTV (1080p, 1080i, 720p) / NTSC, PAL, SECAM
Lenswerking	Focus, shift and manual zoom
Lenzen	-Wide Angle EN17 lens -throw ratios: 1.09 : 1 (720p) / 1.00 : 1 (SXGA+) / 0.92 : 1 (1080p) / 0.92 : 1 (WUXGA) -Ultra Wide Angle EN19 lens -throw ratios: 0.88 : 1 (720p) / 0.80 : 1 (SXGA+) / 0.74 : 1 (1080p) / 0.74 : 1 (WUXGA) -Standard projection lens EN35 -throw ratios: 1.89 -2.62 : 1 (720p) / 1.73 -2.39 : 1 (SXGA+) / 1.60 -2.21 : 1 (1080p) / 1.60 -2.21 : 1 (WUXGA) F22 lenses are not interchangeable
Beeldbreedte	0.7 -2.5 m
Lichtbron	220W UHP lamp
Levensduur lamp	Up to 2,250 hours (full power) / up to 3,000 hours (Eco mode)
Computeringangen	1 x HDMI 1.3a, 1 x DVI-I, 1 x VGA
Video-ingang	1 x HDMI 1.3a, 1 x DVI-I, 1 x S-video, 1 x Composite, 1 x YPbPr
Controlemogelijkheden	1 x RJ-45 TCP/IP, 1 x 9-pin D-SUB RS232, 1 x USB
Afmetingen	278 x 94 x 234 mm (WxHxD)
Gewicht	2.9 kg
Verzendingsafmetingen	440 x 440 x 310 mm (WxHxD)
Verzendgewicht af fabriek	7.4 kg
Voedingsvereisten	3.0-1.3A, ~100-240V, 50-60Hz
Conformiteiten	CE, FCC Class A and cNus
Bedrijfstemperatuur	10 -40 °C
Opslagtemperatuur	-20 -60 °C
Vochtigheid in bedrijf	20 -80% RH
Vochtigheid bij opslag	10 -90% RH
Kleur	Black metallic
Garantie	3 years standard warranty, 500 hours or 90 days on lamp (whichever comes first). Optional 2 years, 24/7 operation warranty. Conditions apply.
MTBF	27,838 hours
BTU/uur	Less than 1,061

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