

F50 Panorama

Compact 120 Hz, single-chip DLP projector with Panorama resolution



- **Razor-sharp images with vivid colors**
- **Active 3D stereo and high frame rates**
- **Compact and rugged design**

Unmatched image quality

With its cutting-edge optics that deliver razor-sharp images, the F50 displays flawless images with vivid colors, and rich in contrast. Producing low noise levels, it also features RealColor™ color management, Smear Reduction Processing™ and high frame rates. The F50 boasts four different digital input sources and a wide range of expansion modules and high-quality projection lenses.

Key benefits

- Small, compact and ruggedized
- Ultimate reliability and low TCO
- Low operational noise level
- Active 3D stereo
- Smear Reduction Processing™/ 120Hz Refresh Rates / High Frame Rates

PRODUCT SPECIFICATIONS**F50 PANORAMA**

Projector type	Single chip DLP digital projector
Technology	LVDS DMD™ with DarkChip3™
Resolution	2,560 x 1,080
Brightness	3,800 ANSI lumens (High Brightness) 1,900 ANSI lumens (VizSim Bright) 1,500 ANSI lumens (VizSim)
Contrast ratio	up to 5,300:1
Brightness uniformity	>80%
Aspect ratio	21:9
Lens type	All pure glass lenses
Lenses	Ultra Wide Fixed EN53 (0.79:1 @1.65m) Wide Fixed EN52 (0.99:1) Super Wide Zoom EN55 (0.86 -1.16:1) Wide Zoom EN56 (1.14 -1.74:1) Zoom EN51 (1.71-2.37:1) Ultra short throw EN57 (0.3:1)
Optical lens shift	Vertical: +212%; Horizontal: +/-72% (lens dependant)
Color correction	RealColor™
Lamps	1 x 350W UHP (dimmable)
Lamp lifetime	Up to 2,000 hours (Full power)/up to 2,500 hours (Eco mode)
Lamp house, quick replace	Yes
Lamp warranty	500 hours or 90 days
Sealed DLP™ core	Yes
Orientation	Table -ceiling (360 degrees through lamp axis)
3D	Up to 2,560 x 1,600 @ 120Hz
Inputs	2x DisplayPort 1.2 (HBR2), 1 x DVI-Dual Link, 1 x HDMI 1.4a, 1 x VGA, 2x 3G-SDI, 1x HDBaseT
Input resolutions	2,560 x 1,600 -640 x 480 pixel resolution, RGBHV, RGBS, RGsB, custom formats available, HDTV (1080p, 1080i, 720p), NTSC, PAL, SECAM
Max. pixel clock	Up to 600 Mhz (2,560 x 1,600@120 Hz max) DP 1.2 Up to 330 Mhz Dual link DVI
Software tools	SimCAD, Projector Toolset
Control	IR, RS232, Ethernet, USBA, 2x BNC sync, 1x MiniDIN
Network connection	10/100/1000 base-T, RJ-45 connection, RS-232
Power requirements	100-240V 50-60Hz
Power consumption	less than 530W
Operational ambient temperature	10 -40 °C /50 -104 °F, 0-3,000m (Storage temperature: -20 -60 °C/-4 -140 °F)
Operating humidity	20 -80% RH (Storage Conditions: 10 -90% RH)
Dissipation BTU	max 1,807 BTU/h
Dimensions (WxLxH)	342 x 306 x 143 mm / 13.46 x 12.05 x 5.63 in
Weight	7.5 kg / 16.5 lbs
Standard accessories	Power cord, wireless remote control
Certifications	Compliant with FCC, part 15 Class A and CCC, cNus, cUL, UL and CE
Warranty	Limited 3 years parts and labour

Last updated: 16 May 2019

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