

## Barco R9023465\_AL F90-4K13 11800 lumens 4K UHD DLP laser phosphor Projector with FLD or FLDplus lens

<b>Projector type</b>	Single chip DLP laser phosphor projector
<b>Resolution</b>	3,840 x 2,400 (4K UHD) / 2,560 x 1,600 (WQXGA native)
<b>Brightness</b>	11,800 center lumens
<b>Contrast ratio</b>	1,800:1 sequential, 10,000:1 dynamic*
<b>Brightness uniformity</b>	90%
<b>Aspect ratio</b>	16:10
<b>Lens type</b>	FLD+
<b>Optical lens shift</b>	Up to 146% lens shift, depending on lens. Motorized zoom, focus, vertical and horizontal shift, iris and shutter.
<b>Color correction</b>	P7 RealColor™
<b>CLO (constant light output)</b>	Yes*
<b>Light source</b>	Laser phosphor
<b>Light source lifetime</b>	Up to 60,000 hours, depending on mode of operation
<b>Sealed DLP™ core</b>	Yes
<b>Orientation</b>	360° rotation, no restrictions
<b>3D</b>	Active stereoscopic 3D*
<b>Image processing</b>	Embedded warp & blend engine
<b>Keystone correction</b>	Yes
<b>Inputs</b>	HDS/DP, 2x DP 1.2, 2x dual link DVI-D, HDBaseT, HDMI 2.0*, RJ 45 Ethernet, DMX in/out*, RS232 in, 2x USB, 12v out
<b>Input resolutions</b>	Up to 4K UHD @ 60Hz / Up to 2,560 x 1,600 @ 120Hz
<b>Software tools</b>	Projector Toolset
<b>Control</b>	IR, RS232, RJ45, XLR wired
<b>Network connection</b>	10/100 Ethernet, RJ45
<b>Power requirements</b>	100-240V / 50-60Hz
<b>Power consumption</b>	1,200W nominal, 1,600 W maximum
<b>BTU per hour</b>	4,100 BTU/h nominal, 5,500 BTU/h maximum
<b>Standby power</b>	<0.5W
<b>Noise level (typical at 25°C/77°F)</b>	38 dB(A)
<b>Operating temperature</b>	10 - 45 °C (sea level)
<b>Storage temperature</b>	-20 to 60 °C
<b>Operating humidity</b>	20 - 80% RH
<b>Storage humidity</b>	10 - 90% RH
<b>Dimensions (WxLxH)</b>	575 x 730 x 295 mm / 22.64 x 28.74 x 11.61 in
<b>Weight</b>	44.5 kg / 98.1 lbs
<b>Standard accessories</b>	Power cord, wireless remote control
<b>Certifications</b>	CE, FCC Class A, cNemkoUS, CCC, EAC, KSA, KCC, RCM, UkrSEPRO
<b>Warranty</b>	Limited 3 years parts and labor. Extendable up to 5 years
<b>24-7 documentation</b>	This projector is designed and warranted for heavy duty 24/7 operation. Specific measures and design considerations have been made in order for it to comply with stringent requirements in challenging applications.

**Notes**

\* SW upgradable. Please contact an authorized Barco representative for details. \*\* When used in long-life mode, available through SW upgrade