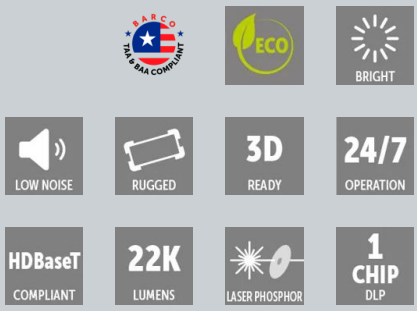
G100-W22

22,000 lumen, WUXGA, single-chip laser phosphor projector





- **single-chip high-brightness projections**
- **up-to-date input capabilities & future-proof design**
- **full operational flexibility through wide lens range**

100% image performance

The G100 series opens up the possibilities of our single-chip offering with higher brightness levels than before. It brings great image quality with an impressive lumens power for bright projections indoor and outdoor. What's more, the G100 supports all the latest input sources, including HDMI™ 2.0, to assure deep color palettes and qualitative projections.

Thanks to Barco's Projector Toolset software, installing and managing your projector(s) can be done from the comfort of your own computer with the intuitive user interface. In addition, the Ptoolset blending and warping capabilities, make these projectors a perfect fit for multi-channel media-based attractions like planetariums, domes, theatres and projection mappings.

100% flexibility

To enable full operational versatility and effortless implementation in different project designs, the G100 comes with a stable lens holder to guarantee reliable blending and non-moving images in multi-channel set-ups, and a new extensive GC-lens range supporting a throw ratio going from 0.38 up to a 10.8. It gives you flexibility to shoot from long/and or short distances, and to play with 360° orientation possibilities. The projector and its peripherals deliver the best outcomes for any creative project.

With the excellent onboard cooling the G100s can withstand a maximum ambient operating temperature of 50°C (122°F), and this all only at max. 42 dB noise levels.

100% reliability

Through its laser-phosphor light source and advanced cooling design, the G100 provides a long operating time (> 20.000 hrs) without need for lamp changes -resulting in considerable cost-savings on maintenance and consumables.

With its up-to-date and future-proof design the G100 is built to meet all your requirements in terms of image quality, reliability and sustainability.

Product specifications	G100-W22
General Specifications	
Projector type	Single chip DLP laser phosphor projector
Resolution	1,920 x 1,200 (WUXGA) -0.96" DLP chip
Brightness	22,000 ISO lumen / 20,600 center lumen / 18,500 ANSI lumen 23.750 ISO lumen (Super Bright mode)*
Brightness uniformity	90%
Contrast ratio	1,100:1 sequential; 5,500:1 dynamic; Extreme black: 100,000:1
Light source	Laser phosphor
Light source lifetime	Up to 20,000hrs
Aspect ratio	16:10
Orientation	360° rotation, no restrictions
Sealed DLP™ core	Yes
Color correction	Yes
CLO (constant light output)	Yes
Keystone correction	Yes
Image processing	Embedded warp & blend. Also available via Projector Toolset
3D	Active and passive stereoscopic 3D
Lens type	GC lenses -0.65-0.75:1 / 0.84-1.02:1 / 1.02-1.36:1 / 1.2-1.5:1 / 1.5-2.0:1 / 2.0-4.0:1 / 4.0-7.2:1 / 7.2-10.8:1 FLDX lens -0.38 : 1 UST 90°
Optical lens shift	Vertical up to 120%, depending on lens Horizontal up to 50%, depending on lens Motorized zoom and focus Motorized lens shift
Inputs	2x HDMI™ 2.0b / DisplayPort 1.2a / DVI-D / HDBaseT / 3G-SDI / VGA (D-Sub 15 pin)
Input resolutions	Up to 4K UHD @60Hz Refresh rates: 24Hz to 60Hz for WUXGA and 4KUHD (4096 x 2160 / 3840 x 2160) 4K input signals will be scaled to the projector's output resolution
Software tools	Projector Toolset
Control	IR, RS232, RJ45, USB type A
Network connection	10/100 Ethernet, RJ45
Power requirements	100-240V / 50-60Hz
Power consumption	1200W nominal, 1380W maximum (@220V)
Standby power	less than 0.5W
BTU per hour	4095 BTU/h minimal, 4710 BTU/h maximum (@220V)
Noise level (typical at 25°C/77°F)	38dB(A) -42dB(A) depending on the used mode
Operating temperature	0 -50 °C (sea level)
Operating humidity	10 -85% RH, non-condensing
Storage temperature	-10 to 60 °C
Storage humidity	5 -90% RH, non-condensing
Dimensions (WxLxH)	without feet: 650 x 710 x 251 mm / 25.6 x 27.9 x 9.9 in
Weight	without lens: 54 kg / 119.0 lbs
Standard accessories	Power cord, wireless remote control
Certifications	CE, FCC Class A, cTUVUS, CCC, EAC, KCC, RCM, BIS, BSMI
Warranty	Limited 3 years parts and labor
TAA compliancy	Optional
*Note	* Only available on 220V input power and with lifetime of 16.500hrs @25°C/77°F

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