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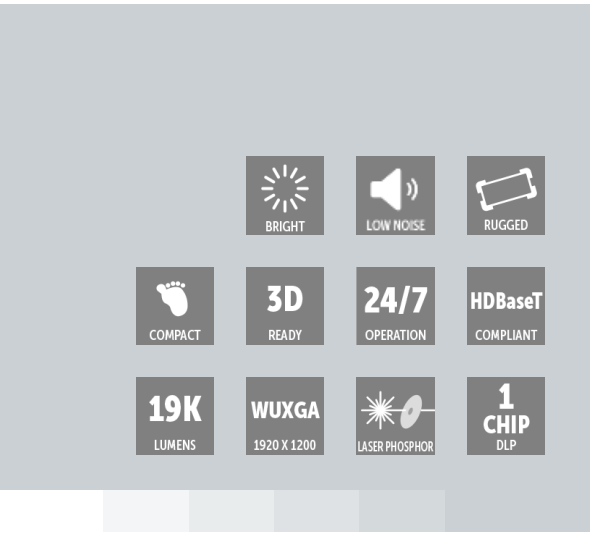
G100-W19

19,000 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-W19
Projector type	Single chip DLP laser phosphor projector
Resolution	1,920 x 1,200 (WUXGA) -0.96" DLP chip
Brightness	19,000 ISO lumen / 17,800 center lumen / 16,000 ANSI lumen
Contrast ratio	1,100:1 sequential; 5,500:1 dynamic; Extreme black: 100,000:1
Brightness uniformity	90%
Aspect ratio	16:10
Lens type	FLDX-lens 0.38:1; 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
Optical lens shift	Vertical up to 120%, depending on lens Horizontal up to 50%, depending on lens Motorized zoom and focus Motorized lens shift
Color correction	Yes
CLO (constant light output)	Yes
Light source	Laser phosphor
Light source lifetime	Up to 20,000hrs
Sealed DLP™ core	Yes
Orientation	360° rotation, no restrictions
3D	Active and passive stereoscopic 3D
Image processing	Embedded warp & blend. Also possible via Ptoolset
Keystone correction	Yes
Inputs	2x HDMI 2.0b / DisplayPort 1.2a / DVI-D / HDBaseT / 3G-SDI / VGA (D-Sub 15 pin)
Input resolutions	Up to 1,920 x 1,200 @ 60Hz refresh rates: 24Hz to 120Hz for 720p (1280x720) / 24Hz to 60Hz for WUXGA (1920x1200) / 24Hz to 60Hz for 3840x2160 and 24Hz to 30Hz for 4196x2160
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	1150W nominal, 1325W maximum
BTU per hour	3,925 BTU/h nominal; 4,520 BTU/h maximum
Standby power	less than 0.5W
Noise level (typical at 25°C/77°F)	36dB(A) -40dB(A) depending on the used mode
Operating temperature	0 -50 °C (sea level)
Storage temperature	-10 to 60 °C
Operating humidity	10 -85% RH, non-condensing
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: 50.0 kg / 110.2 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

Last updated: 15 Mar 2021

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