G100-W16

17,200 lumen, WUXGA, single-chip laser phosphor projector

BRIGHT · **LOW NOISE** · **RUGGED**
COMPACT · **3D READY** · **24/7 OPERATION** · **HD READY**
16K LUMENS · **WUXGA 1920 X 1200** · **1 CHIP DLP** · **LASER PHOSPHOR**
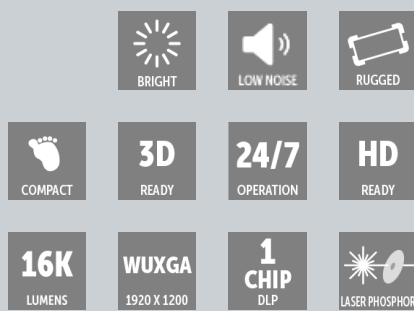
- **single-chip high-brightness projections**

- **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.

BARCO

SPECIFICHE TECNICHE	G100-W16
Tipo di proiettore	Single chip DLP laser phosphor projector
Risoluzione	1,920 x 1,200 (WUXGA) -0.96" DLP chip
Luminosità	17,200 ISO lumen / 16,200 center lumen / 14,500 ANSI lumen
Rapporto di contrasto	1,100:1 sequential; 5,500:1 dynamic; Extreme black: 100,000:1
Uniformità della luminosità	90%
Proporzioni	16:10
Tipo di obiettivo	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
Spostamento obiettivo ottico	Vertical up to 120%, depending on lens Horizontal up to 50%, depending on lens Motorized zoom and focus Motorized lens shift
Correzione del colore	Yes
CLO (Constant Light Output)	Yes
Sorgente luminosa	Laser phosphor
Durata sorgente luminosa	Up to 20,000hrs
Elemento centrale DLP™ sigillato	Yes
Orientazione	360° rotation, no restrictions
3D	Active and passive stereoscopic 3D
Elaborazione delle immagini	Embedded warp & blend. Also possible via Ptoolset
Correzione trapezoidale	Yes
Ingressi	2x HDMI 2.0b / DisplayPort 1.2a / DVI-D / HDBaseT / 3G-SDI / VGA (D-Sub 15 pin)
Risoluzioni in ingresso	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
Strumenti software	Projector Toolset
Controllo	IR, RS232, RJ45, USB type A
Connessione in rete	10/100 Ethernet, RJ45
Requisiti di alimentazione	100-240V / 50-60Hz
Consumo energetico	1150W nominal, 1325W maximum
BTU per ora	3,925 BTU/h nominal; 4,520 BTU/h maximum
Standby alimentazione	less than 0.5W
Livello di rumore (tipico a 25°C/77°F)	36dB(A) -40dB(A) depending on the used mode
Intervallo temperature in funzionamento	0 -50 °C (sea level)
Temperatura a magazzino	-10 to 60 °C
Umidità in funzionamento	10 -85% RH, non-condensing
Umidità a magazzino	5 -90% RH, non-condensing
Dimensioni (PXLXA)	without feet: 650 x 710 x 251 mm / 25.6 x 27.9 x 9.9 in
Peso	without lens: 50.0 kg / 110.2 lbs
Accessori standard	Power cord, wireless remote control
Certificazioni	CE, FCC Class A, cTUVUS, CCC, EAC, KCC, RCM, BIS, BSMI
Garanzia	Limited 3 years parts and labor

Generato il: 14 Jan 2021

ENABLING BRIGHT OUTCOMES

BARCO