G100

1-DLP laser projection with outstanding quality levels for themed entertainment venues and small events

There's a new force to be reckoned with in the world of projection. A single-chip projector range built to meet the high Barco standards and customer requirements in terms of quality, technical versatility and sustainability. And all this at a budget-friendly price! That's the force of the G100!

100% power. **100%** brilliance.

100% brightness

The G100 is a **single-chip** DLP® projector with native **WUXGA** resolution and comes in three brightness variants: **16.000, 19.000 and 22.000 lumens,** extending the Barco single-chip offering with higher brightness levels than before.

Create stunning projections and immersive experiences, with great **image quality**, an impressive **brightness power**, all at an outstanding **price-performance** ratio.

100% durable

With excellent onboard cooling the G100 can withstand a **maximum ambient operating temperature of 50°C** (122°F), whilst emitting a maximum noise level of only 42 dB(A).
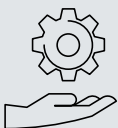
Through its laser-phosphor light source and advanced cooling design, the G100 stands its ground in harsh and hot environments. It is ideally suited to applications requiring high brightness with a maximum uptime and **long operating lifetime** (> 20,000 hrs).

100% future-proof

Thanks to the up-to-date signal capabilities, supporting all the latest input sources like **HDMI 2.0 and DP1.2,** you can rely on the G100 for stunning visual experiences with deeper **12 bit** color palettes.

And the G100 projectors are not just ready for the future in terms of input flexibility and amazing picture quality, but they're also prepared for a greener future! The units are optimized for lower power consumption, extended light source lifetime, and, accordingly, **limit their and your ecological footprint.**

Barco EssentialCare

Thanks to our standard product warranty and the additional EssentialCare service options you can receive priority treatment with reduced response times and get access to an existing pool of G100 swap units with comparable brightness and lifetime.

BARCO

GC-lenses

The **new extensive GC-lens range** allows throw ratios going from an ultra-short 0.38 up to a long 10.8. The majority of the lenses have an impressive **vertical lens shift up to 120%,** and a **horizontal shift up to 50%.** The 0.38:1 ultra-short throw 90° angled lens offers this flexibility and can fill canvases from short distances with zero offset. The G100 can withstand **360° mounting orientation** for the most challenging of setups.
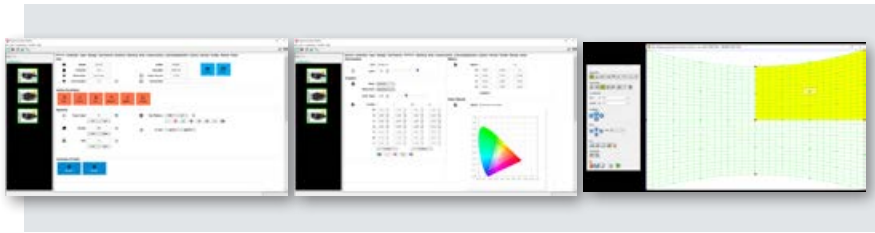
To enable full operational versatility and effortless implementation in different project designs, the G100 comes with a sturdy lens holder to guarantee smooth and reliable blending in multi-channel installations.

The G100 projector and its peripherals (rigging frame & flight case) deliver the best outcomes for any creative project.

Barco Projector Toolset

Comprising various tools for brightness settings, diagnostics, image adjustment, picture-in-picture and image control, Barco's PToolset is an indispensable tool for **efficient projector management.** Installing and managing your projector(s) can be done from the comfort of your own computer, whether that be Windows or Mac based, with the intuitive and easy user interface.

The Ptoolset **blending and warping** capabilities make the G100 projectors a perfect fit for multi-channel media-based attractions like dark rides, domes, theatres and projection mappings.

Specifications

| | 16K LUMENS | 19K LUMENS | 22K LUMENS | 1 CHIP DLP | LASER PHOSPHOR | HD READY | 24/7 OPERATION | 3D READY | LOW NOISE | COMPACT | RUGGED | BRIGHT |

	G100-W16	G100-W19	G100-W22
LIGHT OUTPUT	17,200 lumens	19,000 lumens	22,000 lumens
RESOLUTION	1,920 x 1,200	1,920 x 1,200	1,920 x 1,200
INPUTS	2x HDMI 2.0b / DisplayPort 1.2a / DVI-D / HDBaseT / 3G-SDI / VGA		
DIMENSIONS	650 x 710 x 251 mm / 25.6 x 27.9 x 9.9 in (without feet)		
WEIGHT (without lens)	50.0 kg / 110.2 lbs	50.0 kg / 110.2 lbs	54 kg / 119.0 lbs
NOISE LEVEL	36dB(A) - 42dB(A) depending on the used mode		

ENABLING BRIGHT OUTCOMES

BARCO