

# G series

Single-chip laser phosphor projectors for visitor attractions and small events



# Sometimes all you need is a good

From simple to complex, there's a Barco projector for every project. The G-series expands the Barco single-chip offering with six projectors between 7 and 22K lumens to meet the needs of any installation with a cost-effective solution. With premium value and uncompromised quality, the G60, G62 and G100 enable you to treat your audiences to compelling experiences that leave a lasting impression.



## From simple to complex

The G-series projectors bring **uncompromised laser phosphor projection** at a very **competitive pricing**. It opens up the possibilities to a wider range of applications. Because sometimes all you need is just a good projector...

...and even if that's not the case, the uniform **compact size and wide lens range** of the G-series models allow for **optimal configuration options and seamless integration** in more complex installations.

And with the G100, you can even rely on our single-chip offering for **brightness levels up to 22.000 lumens!**

## User-friendly

The G-series is supported by the Barco's Projector Toolset, our user-friendly software allowing for **easy installation and maintenance**.

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**.

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

## Great Barco service

The G-series projectors come with the valued Barco **service and support** that has proven its benefits in the past. There's a professional manual and extensive installation guide available. And for additional questions, you can always reach out to our specialized helpdesk.

If you want to get the most out of your projector, Barco University offers **professional product trainings and certification**.

# projector



	G60-W7	G62-W9	G62-W11	G62-W14	G100-W16	G100-W19	G100-W22
Light output	7,000 lm	9,500 lm	11,000 lm	13,600 lm	17,200 lm	19,000 lm	22,000 lm
Resolution	1,920 x 1,200	1,920 x 1,200	1,920 x 1,200	1,920 x 1,200	1,920 x 1,200	1,920 x 1,200	1,920 x 1,200
Dimensions	484 x 529 x 195 mm 19.0 x 20.8 x 7.7 in				650 x 710 x 251 mm 25.6 x 27.9 x 9.9 in		
Weight	16.9 kg 37.3 lb	17.4 kg 38.4 lb	22.7 kg 50.1 lb	22.7 kg 50.1 lb	50.0 kg 110.2 lb	50.0 kg 110.2 lb	54.0 kg 119.0 lb
Inputs	2x HDMI 1.4 1x DVI-D 1x HDBaseT 1x 3G-SDI 1x VGA	2x HDMI In (version 2.0) 1x DVI-D 1x HDBaseT 1x 3D SYNC In 1x 3G-SDI				2x HDMI 2.0 b 1x DisplayPort 1.2a 1x DVI-D 1x HDBaseT 1x 3G-SDI 1x VGA	





## G60 & G62

The G60 and G62 models, with **brightness from 7K to 13.6K**, are designed to answer the needs of day-to-day projects without compromising on the quality. This means you can continue to rely on the valued Barco service and support for all your set-ups.

In order to fit different environments, the G-series are **available in both black and white versions**.

Next to the compact format, there's also the possibility of working with short-throw lenses, allowing the user to increase the image size or shorten the projection distance. The **perfect match for a compact installation**.

The **laser phosphor light source** ensures great image quality and lower maintenance. And to allow for an easy installation and maintenance from the comfort of your own computer, the projectors are **supported by Barco's PToolset**.

Having all this at a very **competitive pricing**, is what really makes the projectors an attractive package for all customers.



### Typical applications::

Theme parks & attractions, museums and exhibitions, business centres, conference theatres and boardrooms

The G60 provides the right combination of projection quality, lumen, wattage and price for the attraction.

Christophe Aubry  
ID Scènes

### What's new in G62?

- ✓ **More brightness:** The new models make use of new and improved laser phosphors, resulting in higher brightness levels.
- ✓ **4K compatible:** You can now also use 4K input sources, thanks to the G62s HDMI 2.0 input capabilities.
- ✓ **3D capable:** With higher bandwidth (1920x1080p@120Hz), you can use the G62 projectors to visualize your HD 3D stereo content.
- ✓ **Embedded warping & blending:** Thanks to a new improved interface with OSD embedded features, the G62s enables user-friendly operations.

### Maximum flexibility

From cultural settings, like museums, to a more business-like context, such as boardrooms: to fit perfectly in all types of environments, the G62 now comes in both black and a fully white chassis.







# G100

## 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% future-proof

Thanks to the **up-to-date signal processing 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.





### Typical applications::

Theme parks & attractions, museums and exhibitions, auditoriums, theatres and small to mid-sized events

Once we saw the G100's luminance levels and its capabilities to not only fit the space, but also project beautiful images in 360 degrees, there was no question that Barco was the only choice.

**Julien Roy**  
Technical Director  
at Thinkwell Studio Montréal

### 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).

The G100 can handle **360° mounting orientation** for the most challenging of setups.

The G100 projector and its **peripherals** (e.g. rigging frame) deliver the best outcomes for any creative project.

## Talking lenses

The G60 and G62 models are compatible with following **G-lenses**:

- 0.36:1
- 0.37 - 0.4:1 UST
- 0.65 - 0.75:1
- 0.75 - 0.95:1
- 0.95 - 1.22:1
- 1.22 - 1.53:1
- 1.52 - 2.92:1
- 2.90 - 5.50:1



*Use the UST G lens (0.36:1) for even more compact set-ups to fill canvases from short distances with zero offset.*

### Reuse your lenses

If you already own a Barco PGWU projector, you can simply reuse the lenses on the G62 series. There's no need to invest in new lens gear.

The G100 projectors are compatible with the following **GC-lenses**:

- 0.68 - 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



*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.*

Find the ideal lens for your projector setup in just a few clicks with our online lens calculator: [www.lenscalculator.barco.com](http://www.lenscalculator.barco.com)

## 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 G-series swap units with comparable brightness and lifetime.

Check our service leaflet for more information.



## EssentialCare

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