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.

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.

From simple to complex

The G-series projectors bring uncompromised laser 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!
## Projector Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Light Output</th>
<th>Resolution</th>
<th>Dimensions</th>
<th>Weight</th>
<th>Inputs</th>
</tr>
</thead>
<tbody>
<tr>
<td>G60-W7</td>
<td>7,000 lm</td>
<td>1,920 x 1,200</td>
<td>484 x 529 x 195 mm</td>
<td>16.9 kg</td>
<td>2x HDMI 1.4</td>
</tr>
<tr>
<td>G62-W9</td>
<td>9,500 lm</td>
<td>1,920 x 1,200</td>
<td>484 x 529 x 195 mm</td>
<td>17.4 kg</td>
<td>2x HDMI 1.4</td>
</tr>
<tr>
<td>G62-W11</td>
<td>11,000 lm</td>
<td>1,920 x 1,200</td>
<td>484 x 529 x 195 mm</td>
<td>22.7 kg</td>
<td>2x HDMI 1.4</td>
</tr>
<tr>
<td>G100-W16</td>
<td>17,200 lm</td>
<td>1,920 x 1,200</td>
<td>650 x 710 x 251 mm</td>
<td>50.0 kg</td>
<td>2x HDMI 2.0 b</td>
</tr>
<tr>
<td>G100-W19</td>
<td>19,000 lm</td>
<td>1,920 x 1,200</td>
<td>650 x 710 x 251 mm</td>
<td>50.0 kg</td>
<td>2x HDMI 2.0 b</td>
</tr>
<tr>
<td>G100-W22</td>
<td>22,000 lm</td>
<td>1,920 x 1,200</td>
<td>650 x 710 x 251 mm</td>
<td>54.0 kg</td>
<td>2x HDMI 2.0 b</td>
</tr>
</tbody>
</table>
The G60 and G62 models, with brightness from 7K to 11K, 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 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 lasers, 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.
**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.

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**Typical applications:**

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

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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

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Talking lenses

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

- 0.36:1
- 0.65 - 0.75:1
- 0.75 - 0.95:1
- 0.95 - 1.22:1
- 1.22 - 1.52:1
- 1.52 - 2.92:1
- 2.90 - 5.50:1

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.

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

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.

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