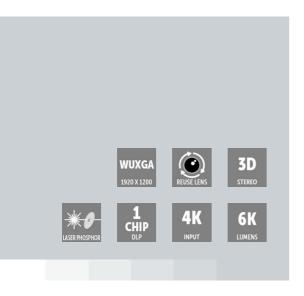
## **G50-W6**

6,000 lumens, WUXGA, DLP laser phosphor projector





- Smallest and lightest projector in its category
- Industry leading energy efficiency in the 5-8K lumens segment
- Consistent image quality over time
- Full range of interchangeable lenses (with widest lens shift)
- Guaranteed service and support

The G50-W6 is an affordable and compact, yet powerful, single-chip WUXGA projector designed for single and multi-channel projections for boardrooms, museums, exhibitions, experience centers, and entry-level simulation applications. It is part of the economical G50 series and the Barco smart line projectors. With a great price-performance ratio, the G50s are the most compact and energy efficient projectors on the market.

The laser phosphor light source ensures great image quality, with superb colors and image uniformity. These are the smallest projectors in our offering with the highest light efficiency visualizing high-quality content at its best.

Their uniform compact size, the compatibility with Barco's extensive G-series lenses and the wide lens shift range enlarge the projectors flexibility, which allows you to choose the perfect fit for your specific environment.

In addition, G50 owners can benefit from the valued Barco service and support. The G50 allows for an Insights Management Suite subscription, our cloud-based IoT platform to monitor, diagnose and control your projectors. And thanks to Barco's Projector Toolset software, installing and managing your projector(s) can be done from the comfort of your own computer.



Product	specifications

## G50-W6

General specifications		
Light source	Laser phosphor	
Standard accessories	Power cord, wireless remote control	
Brightness	5,400 ANSI lumens 6,000 center lumens 6,400 ISO lumens	
Color correction	Yes	
Keystone correction	Yes	
Operating temperature	0 ~ 40 °C (sea level)	
Input resolutions	Up to 4K UHD @60Hz Refresh rates: 24Hz to 60Hz for WUXGA and 4KUHD (4096 x 2160 / 3860 x 2160) 4K input signals will be scaled to the projector's output resolution	
Power requirements	100-240V / 50-60Hz	
Power consumption	300W @110V 290W @220V	
Speakers	10W / 6D *2	
Brightness uniformity	90%	
Light source lifetime	Up to 20,000hrs	
Aspect ratio	16:10	
Resolution	1,920 x 1,200 (WUXGA)	
Storage humidity	5 -90% RH, non-condensing	
Weight	without lens: 11 kg / 24.25 lbs	
Network connection	10/100 Ethernet, RJ45	
Operating humidity	10 -85% RH, non-condensing	
Optical lens shift	Vertical up to 100%, depending on lens Horizontal up to 30%, depending on lens Motorized zoom and focus Motorized lens shift	
Contrast ratio	1,200:1 sequential; 6,000:1 dynamic; Extreme black: 750,000:1	
Technology	Single chip DLP laser phosphor projector	
Inputs	2 x HDMI In (Compliant with HDMI 2.0b, HDCP2.2) / 1 x Display Port (1.2a) / 1 x HDBaseT (HDCP1.4) / 1 x 3D SYNC In	
Warranty	Limited 3 years parts and labor	

Product specifications	G50-W6	
Certifications	CE, FCC Class A, cTUVUS, CCC, EAC, KCC, RCM, BIS, BSMI	
Standby power	less than 0.5W	
CLO (constant light output)	Yes	
3D	Active stereoscopic 3D	
BTU per hour	1024 @110V 990 @220V	
Storage temperature	-10 ~ 60 °C	
Control	1 x RS232 (D-sub 9 pin) (PC Control) 1 x Wired In (3.5mm phone jack) (Remote In) 1 x RJ45 (LAN)	
Output	1x HDMI Out (Loop through HDMI1/HDMI2/HDBaseT/DP) $1x$ 3D SYNC Out $1x$ DC 12V Out $1x$ Audio out, 3.5mm phone jack	
Orientation	360° rotation, no restrictions	
*Note	Brightness levels +/-10%	
Software tools	Projector Toolset	
Sealed DLP™ core	Yes	
Image processing	Embedded warp & blend possible via Ptoolset	
Lens type	G-lenses -0.37-0.4:1 / 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	
Projector type	Single chip DLP laser phosphor projector	
Noise level (typical at 25°C/77°F)	32dB(A) -36dB(A) depending on the used mode	
Dimensions (WxLxH)	without feet: 486 x 376 x 181.2mm	

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