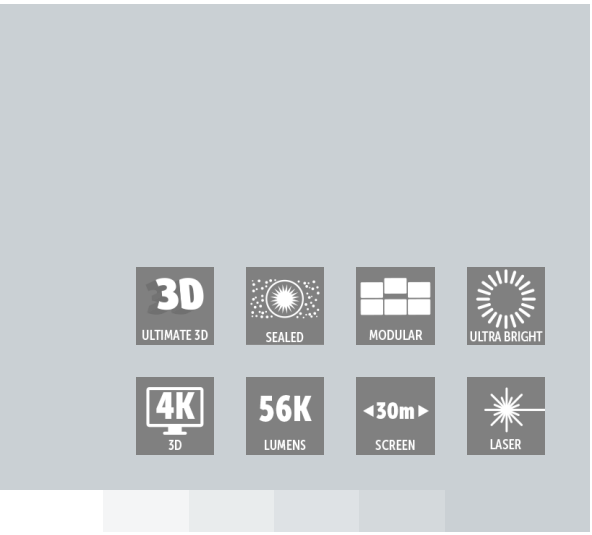
DP4K-60L

Ultra-bright 6P RGB laser cinema projector for premium large screens





- **Exceptional image quality**
- **Stunning brightness**
- **Simplified operations**
- **Reduced operating expenses**

Barco's top-of-the-line DP4K-60L laser cinema projector brings brilliant brightness levels and cutting-edge image quality to your premium large screens. In this way you can provide audiences with a stunning experience that's only available in theaters. The projector combines its exceptional image quality with simplified operations and reduced operating expenses.

Unprecedented image quality

With twice the brightness of any xenon projector, the DP4K-60L is the world's brightest cinema projector. It offers superior image quality with an exceptional brightness level, increased contrast ratio and vivid colors for a radically improved (3D) movie experience. The 2D and 3D images it displays are laser-sharp with superbly saturated and uniform colors. Geared with the unique Barco Alchemy Integrated Cinema Media Processor (ICMP), it's capable of showing 4K content at 60 frames per second and 3D movies in 4K.

Simplicity: less is more

Fully integrated, the DP4K-60L greatly reduces complexity. It not only frees you from all lamp-related costs and maintenance, thanks to the single projector setup you can also seamlessly integrate it into your current system. In this way installating and operating the projector also becomes easier and downtime is reduced.

Total Cost of Ownership champion

One major saving of the projector is that there are no lamp-related material, maintenance, and administrative costs. Thanks to its superior optical efficiency level, operational costs were driven down as well. The DP4K-60L consumes 40% less power than xenon projectors with the same brightness. And its reliable laser light source offers a lifetime of 30,000 hours or more.

PRODUCT SPECIFICATIONS	DP4K-60L
Brightness	Up to 56,000 lumens
Native contrast ratio	2,800:1 (typical) / 500:1 ANSI contrast (typical)
Prime lenses	1.13-1.65; 1.35-1.86; 1.46-2.10; 1.65-2.60; 2.00-3.35
Resolution	4,096 x 2,160
Long-term brightness stability	Less than 20% decrease during a runtime of 30,000 hrs
Dimensions (WxLxH)	Projector: 744 x 1,445 x 706 mm / 29.3 x 56.9 x 27.8 inches (with feet, no lens) Two chillers, each with the following dimensions: 701 x 701 x 800 mm / 27.6 x 27.6 x 31.5 inches
Weight	Projector: 235kg (~520lb) Chillers: ~115kg (~250lb) per chiller (two chillers needed)
Cooling liquid hose length	2.5-5-10m (8.2-16.4-32.8ft)
Power requirements	Projector: 200-240/346-415V 50-60Hz 16A 3W+N+PE (Y connection) / Power cord size range: 4 sq mm to 6 sq mm, 10AWG to 8AWG /Circuit breaker range: 25A to 40A 200-240V 3W+PE 28A 50-60Hz (/\-connection) / Power cord size: 6 sq mm, 8AWG / Circuit breaker: 40A Chillers: 230/400V 3W+N+PE 16A, 2.5 sq mm (Y connection) or 208V / 3W+PE (/\-connection) / Max. 16A per phase
Ambient temperature	30°C (86°F) Max. (projector and chillers)
Ambient humidity	75% Max. (projector and chillers)
Power consumption	Projector @ full laser power: 6.7 kW (2D or Polarization 3D) / 3.6 kW (Barco Laser3D -6P) Chillers @ full laser power: 3.0 kW (2D or Polarization 3D) / 2.5 kW (Barco Laser3D -6P) Projector @ half laser power: 3.6 kW (2D or Polarization 3D) / 2.2 kW (Barco Laser3D -6P) Chillers @ half laser power: 2.5 kW (2D or Polarization 3D) / 2.0 kW (Barco Laser3D -6P)
Media server	Barco Alchemy ICMP included in the projector: ■ JPEG2000 2K & 4K DCI play-out ■ High Frame Rates 3D up to 120fps (60fps per eye) ■ 2x HDMI2.0a (up to 4K 2D 60fps) ■ 2x 3G-SDI inputs ■ 16x AES/EBU audio channels (2x RJ45)
3D systems	Color3D (Barco Laser3D): Native 6-primary color-3D system. Only requires color filter glasses (Dolby3D glasses cannot be reused) Active glasses systems Polarization recuperation systems
DCI	Projector + Barco Alchemy ICMP DCI CTP 1.2 certified
Safety class	Class 1, RG3
Certifications	CE; ETL/UL/FCC

Last updated: 24 Feb 2021

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.