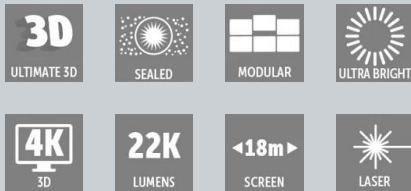


# DP4K-22L

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



- Exceptional image quality
- Simplified operations
- Reduced operating expenses

Barco's DP4K-22L laser cinema projector brings cutting-edge image quality to your medium-sized screens, enabling you to 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

The Barco DP4K-22L offers superior image quality with a high 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-22L 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 installing 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-22L 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 specificaties****DP4K-22L****General specifications**

Helderheid	Up to 22,000 lumens
Native contrastverhouding	2,800:1 (typical) / 500:1 ANSI contrast (typical)
Primelenzen	1.13-1.65; 1.35-1.86; 1.46-2.10; 1.65-2.60; 2.00-3.35
Resolutie	4,096 x 2,160
Langdurige stabiliteit van helderheid	Less than 20% decrease during a runtime of 30,000 hrs
Afmetingen (B x L x H)	Projector: 744 x 1,445 x 706 mm / 29.3 x 56.9 x 27.8 inches (with feet, no lens) One chiller with the following dimensions: 701 x 701 x 800 mm / 27.6 x 27.6 x 31.5 inches
Gewicht	Projector: 200kg (~440lb) Chiller: ~115kg (~250lb)
Lengte koelvloeistofslang	2.5-5-10m (8.2-16.4-32.8ft)
Voedingsvereisten	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 (Δ-connection) / Power cord size: 6 sq mm, 8AWG / Circuit breaker: 40A Chiller: 230/400V 3W+N+PE 16A, 2.5 sq mm (Y connection) or 208V / 3W+PE (Δ-connection) / Max. 16A per phase
Omgevingstemperatuur	30°C (86°F) Max. (projector and chillers)
Omgevingsvochtigheid	75% Max. (projector and chillers)
Energieverbruik	Projector @ full laser power: 2.8 kW (2D or Polarization 3D) / 1.6 kW (Barco Laser3D -6P) Chiller @ full laser power: 1.6 kW (2D or Polarization 3D) / 1.3 kW (Barco Laser3D -6P) Projector @ half laser power: 1.6 kW (2D or Polarization 3D) / 1.0 kW (Barco Laser3D -6P) Chiller @ half laser power: 1.3 kW (2D or Polarization 3D) / 1.0 kW (Barco Laser3D -6P)
Mediaserver	Barco Alchemy ICMP included in the projector: <ul style="list-style-type: none"><li>■ JPEG2000 2K &amp; 4K DCI play-out</li><li>■ High Frame Rates 3D up to 120fps (60fps per eye)</li><li>■ 2x Displayport</li><li>■ 2x 3G-SDI inputs</li><li>■ 1x HDMI 1.4a input 2D and PCM audio / 4K 24fps</li><li>■ 16x AES/EBU audio channels (2x RJ45)</li></ul>
3D-systemen	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
Veiligheidsklasse	Class 1, RG3
Certificeringen	CE; ETL/UL/FCC

**Laatst bijgewerkt: 09 Jul 2024**

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