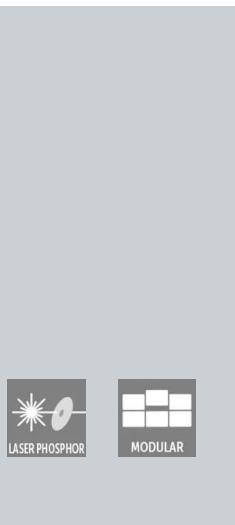


# DP4K-18BLPHC

Smart Laser high-contrast cinema projector for mid-size premium movie screens



- **High-contrast images**
- **Reduced total cost of ownership**
- **Unprecedented ease of mind**

The DP4K-18BLPHC doubles the contrast of the Smart Laser projector series to provide an improvement of image quality to mid-size premium screens. It delivers consistent, razor-sharp, and high-contrast images with native 4K resolution and 16,000 lumens native brightness. It's perfectly suited for mid-size movie screens ranging from 10 up to 16 meters (32.8 up to 52.5 feet).

#### Superior image quality

The DP4K-18BLPHC offers consistent DCI-compliant image quality with native 4K resolution, outstanding uniformity, and 5,000:1 native contrast on white and silver screens. Its light output can be dimmed to 30% of the initial brightness, enabling 2D and 3D showings from the same projector.

#### Reduced total cost of ownership

Eliminating all lamp-related costs, the DP4K-18BLPHC provides a very attractive TCO. Thanks to its unique cooling system, the projector boasts a 30,000-hour constant brightness at typical usage conditions.

#### Unprecedented ease of mind

The DP4K-18BLPHC cuts operating expenses, reduces operational complexity, and optimizes labor cost. The projector increases your uptime and frees you from all lamp-related costs, administration, and maintenance.

**Product specificaties****DP4K-18BLPHC****General specifications**

Helderheid	16,000 lumens (typical)
Native contrastverhouding	5,000:1 / 600:1 native ANSI contrast
Primelenzen	1.13-1.72; 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	30,000 hrs @ average usage conditions
Afmetingen (B x L x H)	Projector: 754 x 1,129 x 604 mm / 29.69 x 44.5 x 23.78 inches Cooler: 561.5 x 738.5 x 348 mm / 22.11 x 29.07 x 13.7 inches
Gewicht	Projector: 143kg (315 lb) Cooler: 32kg (70.6 lb)
Lengte koelvloeistofslang	4 hoses; 0.5m, 2.5m, 5m and 8m (1.6ft/8.2ft/16.4ft/26.2 ft)
Verticale scheiding tussen koeler en projector	Maximum 3m (10ft) (higher or lower)
Voedingsvereisten	Projector: 3x 400V + N or 3x 220V Cooler: obtains power from the projector
Warmtebelasting (max. vermogen)	13023 BTU/h
Omgevingstemperatuur	30°C (86°F) Max. (projector and cooler)
Omgevingsvochtigheid	85% Max. (projector and cooler)
Energieverbruik	Projector (incl. cooler): 4.0 kW
Mediaserver	Barco Alchemy ICMP and other IMB brands supported.
Geluidsniveau	dB(A) @ 1 m: 67.6 dB(A) 62 dB(A) (half fan speed)
3D-systeem	Active glasses systems and polarization systems on silver screens are supported. Color separation systems (Dolby3D and 6P) are not supported.
Veiligheidsvereisten	Class 1 risk group 3 Show safety: the customer shall take precaution for the laser safety (respect the hazard distance and separation height) according to local laser show safety regulations. Workplace safety: the customer shall take precaution for: <ul style="list-style-type: none"><li>■ workplace safety as prescribed by the local authorities</li><li>■ basic laser safety training for operators</li><li>■ laser safety program implementation in the company;</li><li>■ access limitation only to trained personnel: area labelling, etc.</li></ul>

**Laatst bijgewerkt: 09 Jul 2024**

© 2024 Barco nv. Alle rechten voorbehouden. Gehele of gedeeltelijke reproductie zonder schriftelijke toestemming is verboden. Alle merknamen en productnamen zijn handelsmerken, geregistreerde handelsmerken of handelsnamen van hun respectieve houders. Als gevolg van voortdurende innovatie kunnen informatie en technische specificaties zonder voorafgaande kennisgeving worden gewijzigd. Controleer [www.barco.com](http://www.barco.com) voor de nieuwste specificaties.