

# DP4K-17BLP

Smart Laser cinema projector for screens between 13-18m (43-59 ft)



- **Reduced total cost of ownership**
- **Unprecedented ease of mind**
- **Superior image quality**

The DP4K-17BLP delivers consistent, razor-sharp, and high-contrast images with native 4K resolution and 17,000 lumens brightness. It's perfectly suited for mid-size movie screens ranging from 13 up to 18 meters (43 up to 59 feet).

#### **Reduced total cost of ownership**

Eliminating all lamp-related costs, the DP4K-17BLP provides a very attractive TCO. Thanks to its unique cooling system, the projector boasts a 30,000-hour constant brightness at typical usage conditions. Its significantly higher optical efficiency results in electricity bill savings of up to 40%.

#### **Unprecedented ease of mind**

The DP4K-17BLP 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.

#### **Superior image quality**

The DP4K-17BLP offers consistent DCI-compliant image quality with native 4K resolution, outstanding uniformity, and higher 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.

#### **Retrofit ready**

If you already own a Barco B-series projector you can replace your current lamp house with the unique laser phosphor retrofit module through an easy on-site upgrade.

**PRODUCT SPECIFICATIONS****DP4K-17BLP**

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Brightness                                       | 17,000 lumens (typical)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Native contrast ratio                            | 2,000:1 (typical)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Prime lenses                                     | 1.13-1.72; 1.35-1.86; 1.46-2.10; 1.65-2.60; 1.95-3.26; 2.53-4.98                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Resolution                                       | 4,096 x 2,160                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Long-term brightness stability                   | 30,000 hrs @ average usage conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Dimensions (WxLxH)                               | Projector: 754 x 1,129 x 604 mm / 29.69 x 44.5 x 23.78 inches<br>Cooler: 561.5 x 738.5 x 348 mm / 22.11 x 29.07 x 13.7 inches                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Weight                                           | Projector: 144kg (318 lb)<br>Cooler: 32kg (70.6 lb)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cooling liquid hose length                       | 4 hoses; 0.5m, 2.5m, 5m, and 8m (1.6ft/8.2ft/16.4ft/26.2 ft)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Vertical separation between cooler and projector | Maximum 3m (10ft) (higher or lower)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Power requirements                               | Projector: single phase 200-240V 15A<br>Cooler: obtains power from the projector                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Heat load (max. power)                           | 7526 BTU/h                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Ambient temperature                              | 35°C (95°F) Max. (projector and cooler)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Ambient humidity                                 | 85% Max. (projector and cooler)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Power consumption                                | Projector (incl. cooler): 2.4 kW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Media server                                     | BarcoAlchemy ICM and other IMB brands supported.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Noise Level                                      | dB(A) @ 1 m:<br>67.6 dB(A)<br>62 dB(A) (half fan speed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 3D systems                                       | Active glasses systems and polarization systems on silver screens are supported. Color separation systems (Dolby3D and 6P) are not supported.                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Safety requirements                              | 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> |

Last updated: 21 Jan 2020

Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.