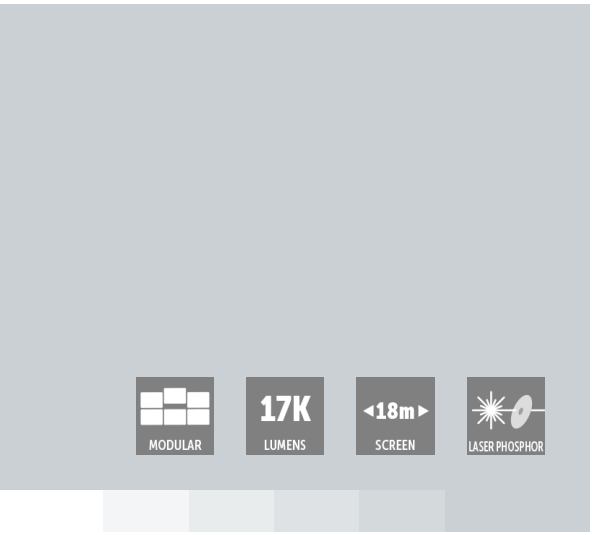
DP2K-17BLP

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 DP2K-17BLP delivers consistent, razor-sharp, and high-contrast images with 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 DP2K-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 DP2K-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 DP2K-17BLP offers consistent DCI-compliant image quality, 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	DP2K-17BLP
Brightness	17,000 lumens (typical)
Native contrast ratio	2,400:1 (typical)
Prime lenses	1.25-1.90; 1.49-2.06; 1.61-2.31; 1.82-2.86; 2.15-3.6; 2.80-5.50
Resolution	2,048 x 1,080
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 Cooler: 561.5 x 738.5 x 348 mm / 22.11 x 29.07 x 13.7 inches
Weight	Projector: 144kg (318 lb) 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 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	Barco Alchemy ICMP and other IMB brands supported.
Noise Level	dB(A) @ 1 m: 67.6 dB(A) 62 dB(A) (half fan speed)
3D systems	Active glasses systems and polarization systems on silver sceens 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: ■ workplace safety as prescribed by the local authorities ■ basic laser safety training for operators ■ laser safety program implementation in the company; ■ access limitation only to trained personnel: area labelling, etc.

Last updated: 21 Jan 2020

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