

DP2K-36BLP

Smart Laser cinema projector for screens between 23-27m (75-89 ft)



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

Designed for large movie screens, the DP2K-36BLP provides 2K resolution, high contrast, and 35,000 lumens brightness for superior image quality.

Reduced total cost of ownership

Eliminating all lamp-related costs, the DP2K-36BLP 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-36BLP cuts operating expenses, reduces operational complexity, and optimizes labor cost. It increases your uptime and frees you from all lamp-related costs, administration, and maintenance.

Superior image quality

The DP2K-36BLP offers consistent DCI-compliant image quality with 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-36BLP**

General specifications	
Brightness	35,000 lumens (typical)
Native contrast ratio	2,400:1 (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	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: 143kg (315 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: 3x 400V + N or 3x 220V Cooler: obtains power from the projector
Heat load (max. power)	13023 BTU/h
Ambient temperature	30°C (86°F) Max. (projector and cooler)
Ambient humidity	85% Max. (projector and cooler)
Power consumption	Projector (incl. cooler): 4.0 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 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">workplace safety as prescribed by the local authoritiesbasic laser safety training for operatorslaser safety program implementation in the company;access limitation only to trained personnel: area labelling, etc.

Last updated: 17 May 2023

© 2018 Barco nv. All rights reserved. Reproduction in whole or in part without written permission is prohibited. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. Due to continued innovation, information and technical specifications are subject to change without prior notice. Please check www.barco.com for the latest specifications.