

DP2K-15CLP

Smart Laser cinema projector for screens between 13-16m (43-52 ft)



- Considerable cost-savings
- Simple operation
- Superior image quality

Barco's range of laser phosphor digital cinema projectors includes both new and retrofit solutions. The DP2K-15CLP offers a future-proof and cost-effective way to upgrade your technology while providing superior image quality. Freeing you from all lamp-related hassles and costs, the projectors allow for considerable cost-savings and greater ease of mind through simplified operations.

Considerable cost-savings

Eliminating all lamp-related costs over your projector's lifetime, the DP2K-15CLP provides a very attractive TCO. Thanks to its unique cooling system, the projector boasts a 30,000-hour constant brightness at typical usage conditions. And its optical efficiency is also significantly higher \square resulting in savings of up to 50% on your electricity bill.

Simple operation

The DP2K-15CLP cuts operating expenses and reduces operational complexity. Thanks to its laser phosphor light source, the projector increases your uptime and frees you from all lamp-related costs, administration, and maintenance.

Superior image quality

The DP2K-15CLP offers consistent DCI-compliant image quality with outstanding uniformity and higher contrast. Compatible with most 3D systems, it improves image quality on white and silver screens.

Retrofit ready

If you already own a Barco DP2K-15C projector you can now replace your current lamp house with the unique laser phosphor retrofit module through an easy on-site upgrade.

PRODUCT SPECIFICATIONS**DP2K-15CLP**

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| Brightness | 15,000 lumens (typical) |
| Native contrast ratio | Up to 2,400:1 |
| Prime lenses | 1.2-1.8; 1.4-2.05; 1.6-2.5; 1.95-3.2; 2.4-3.9 |
| Resolution | 2,048 x 1,080 |
| Long-term brightness stability | 30,000 hrs @ average usage conditions |
| Dimensions (WxLxH) | Projector: 694 x 1,034 x 558 mm / 27.3 x 40.7 x 22 inches Cooler: 561.5 x 738.5 x 348 mm / 22.11 x 29.07 x 13.7 inches |
| Weight | Projector: 110kg (243 lb) Cooler: 32kg (70.6 lb) |
| Cooling liquid hose length | 0.5m (1.6ft) and 5m (16.4ft) |
| Vertical separation between cooler and projector | Maximum 3m (10ft) (higher or lower) |
| Power requirements | Projector: single phase 200-240V 14A Cooler: obtains power from the projector |
| Heat load (max. power) | 7660 BTU/h |
| Ambient temperature | 35°C (95°F) Max. (projector and cooler) |
| Ambient humidity | 85% Max. (projector and cooler) |
| Power consumption | Projector (incl. cooler) @ full laser power: 2.3 kW Projector (incl. cooler) @ half laser power: 1.35 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 | 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 authorities▪ basic laser safety training for operators▪ laser safety program implementation in the company;▪ access limitation only to trained personnel: area labelling, etc. |

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