

# 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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|---|--|
| <b>Brightness</b>                                       | 15,000 lumens (typical)  |
| <b>Native contrast ratio</b>                            | Up to 2,400:1  |
| <b>Prime lenses</b>                                     | 1.2-1.8; 1.4-2.05; 1.6-2.5; 1.95-3.2; 2.4-3.9  |
| <b>Resolution</b>                                       | 2,048 x 1,080  |
| <b>Long-term brightness stability</b>                   | 30,000 hrs @ average usage conditions  |
| <b>Dimensions (WxLxH)</b>                               | Projector: 694 x 1,034 x 558 mm / 27.3 x 40.7 x 22 inches<br>Cooler: 561.5 x 738.5 x 348 mm / 22.11 x 29.07 x 13.7 inches  |
| <b>Weight</b>   | Projector: 110kg (243 lb)<br>Cooler: 32kg (70.6 lb)  |
| <b>Cooling liquid hose length</b>                       | 0.5m (1.6ft) and 5m (16.4ft)   |
| <b>Vertical separation between cooler and projector</b> | Maximum 3m (10ft) (higher or lower)  |
| <b>Power requirements</b>                               | Projector: single phase 200-240V 14A<br>Cooler: obtains power from the projector   |
| <b>Heat load (max. power)</b>                           | 7660 BTU/h   |
| <b>Ambient temperature</b>                              | 35°C (95°F) Max. (projector and cooler)  |
| <b>Ambient humidity</b>                                 | 85% Max. (projector and cooler)  |
| <b>Power consumption</b>                                | Projector (incl. cooler) @ full laser power: 2.3 kW<br>Projector (incl. cooler) @ half laser power: 1.35 kW  |
| <b>Media server</b>                                     | Barco Alchemy ICMP and other IMB brands supported.   |
| <b>Noise Level</b>                                      | dB(A) @ 1 m:<br>67.6 dB(A)<br>62 dB(A) (half fan speed)  |
| <b>3D systems</b>                                       | Active glasses systems and polarization systems on silver screens are supported. Color separation systems (Dolby3D and 6P) are not supported.  |
| <b>Safety requirements</b>                              | 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> |

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