

DP2K-20CLP

Smart Laser cinema projector for screens between 16-19m (52-62ft)



- **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-20CLP 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-20CLP 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-20CLP 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-20CLP 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-20C projector you can now replace your current lamp house with the unique laser phosphor retrofit module through an easy on-site upgrade.

Product specificaties**DP2K-20CLP**

General specifications	
Helderheid	20,000 lumens (typical)
Native contrastverhouding	Up to 2,400:1
Primelenzen	1.2-1.8; 1.4-2.05; 1.6-2.5; 1.95-3.2; 2.4-3.9
Resolutie	2,048 x 1,080
Langdurige stabiliteit van helderheid	30,000 hrs @ average usage conditions
Afmetingen (B x L x H)	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
Gewicht	Projector: 110kg (243 lb) Cooler: 32kg (70.6 lb)
Lengte koelvloeistofslang	0.5m (1.6ft) and 5m (16.4ft)
Verticale scheiding tussen koeler en projector	Maximum 3m (10ft) (higher or lower)
Voedingsvereisten	Projector: single phase 200-240V 16A Cooler: obtains power from the projector
Warmtebelasting (max. vermogen)	9418 BTU/h
Omgevingstemperatuur	35°C (95°F) Max. (projector and cooler)
Omgevingsvochtigheid	85% Max. (projector and cooler)
Energieverbruik	Projector (incl. cooler) @ full laser power: 2.85 kW Projector (incl. cooler) @ half laser power: 1.7 kW
Geluidsniveau	dB(A) @ 1 m: 67.6 dB(A) 62 dB(A) (half fan speed)
Mediaserver	Barco Alchemy ICMP and other IMB brands supported.
3D-systemen	Active glasses systems and polarization systems on silver screens are supported. Color separation systems (Dolby3D and 6P) are not supported.
Veiligheidsvereisten	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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