

SP4K-35B

35,000 lumens smart cinema projector



- **Brilliant image**
- **Ready for tomorrow, today**
- **Barco EcoPureTM**
- **Fit and forget**

SP4K-35B is part of the Series 4 portfolio, designed in close collaboration with industry partners. Market trends in content creation, exhibition and technology were taken into account. The result? A 4K RGB projector family, designed for cinema. The SP4K models come in many different configurations offering you the freedom of choice. A range of lumens, compatibility with both Barco lenses and selected 3rd party lenses, and optional touch displays. Play with the available options to match your specific needs.

Brilliant image

The Series 4 brings native 4K resolution, higher contrast and enhanced uniformity into the movie theater. The Barco Active Image ManagementTM and its patented precision brightness technology guarantees flawless images with automatic white balances.

Ready for tomorrow, today

The Barco ColorgenicTM technology opens up the full P3 color space and more than 98.5% of Rec. 2020. SP4K-35B is fully enabled for future innovations like 4K 120fps and HDR images. Deliver stunning results not only on day 1, but consistently throughout the lifetime of the product.

Barco EcoPureTM

This silent running projector (51dB(A)) is fully ready for boothless operation. In addition, the SP4K-35B smartly manages its power consumption resulting in a high projector efficiency of 11.3 lm/W. In eco-mode it consumes even less than 3 Watt. What's more, remote wake up on LAN is possible for scheduled maintenance or ingest.

Fit and forget

The modular design of the Series 4 projectors allows for cost-effective maintenance. There are only six Barco laser plateTM spare parts to service all light source configurations. Anyone can replace the filters thanks to the toolless cover and filter handling. The SP4K-35B seamlessly integrates into your current setup.

Product specificaties**SP4K-35B****General specifications**

| | |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Native helderheid | 35,000 lumens (typical) |
| Native contrastverhouding | 2000:1 (typical) |
| Digital MicroMirror Device™ | 3x 1.38" DC4K |
| Resolutie | native 4K: 4096 x 2160 |
| Kleurenspectrum | DCI P3 (98.5% of Rec. 2020; when measured in xy-color coordinates) |
| Lichtbron | Laser |
| Primelenzen | 1.13-172; 1.35-1.86; 1.46-2.10; 1.65-2.60; 2.00-3.35; 2.53-4.98 High-brightness and high-contrast B-lenses compatible |
| Langdurige stabiliteit van helderheid | 40,000 hrs @ average usage conditions |
| Behuizing | integrated cooling design and patented sealed optical assembly |
| Afmetingen (B x L x H) | projector incl. feet 760 x 1470 x 612 mm 29,92 x 57,54 x 24,09 inches |
| Gewicht | 163kg/359lbs |
| Voedingsvereisten | single phase or triple phase 200-240V 20A |
| Warmtebelasting (max. vermogen) | 10,000 BTU/hr |
| Luchtuitstroom | 615CFM |
| Omgevingstemperatuur | 40°C / 104F max. |
| Omgevingsvochtigheid | 85% RH max. |
| Mediaserver | Barco Alchemy ICMP-X and other media server brands ** supported |
| Energieverbruik | 3.1kW (3W in Eco mode) |
| Geluidsniveau | 51dB(A) @1m and 25°C ambient temperature |
| 3D-systemen | Active glasses systems and polarization systems on silver screens are supported. Color separation systems are not supported. |
| Veiligheidsvereisten | Class 1 risk group 3 |
| Gebruikersinterface | Touch Display and/or web based |
| Opmerkingen | ** projector configuration with ICP-D; contact Barco service for the list of supported brands |

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