

SP4K-35

35,000 lumens smart cinema projector



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

SP4K-35 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 next-generation laser projection family for all cinema screens. The SP4K models come in many different configurations offering you the freedom of choice. A wide range of brightness options, compatibility with both Barco lenses and selected 3rd party lenses, as well as a touch display and live streaming option. Play with the available options to match your specific needs.

Brilliant image

The SP4K models of the Series 4 family brings native 4K resolution, higher contrast and enhanced uniformity into the movie theater. The Barco Active Image Management™ includes patented technology to guarantee sharp, consistent image quality over time.

Ready for tomorrow, today

With the SP4K models and their RGB laser lightsource, the Barco Colorgenic™ technology opens up more than 98.5% of Rec. 2020. Moreover, all SP4K models are fully enabled for future innovations like 4K 120fps and compatibility with the latest immersive audio standard.

Barco EcoPure™

This silent running projector (51dB(A)) is fully ready for boothless operation. In addition, the SP4K-35 smartly manages its power consumption reaching projector efficiency levels up to 11.3 lumens per Watt. 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 plate™ spare parts to service all light source configurations. Anyone can replace the filters thanks to the toolless cover and filter handling. The SP4K-35 seamlessly integrates into your current setup.

Product specifications**SP4K-35**

| General specifications | |
|--------------------------------|---|
| Native brightness | 35,000 lumens (typical) |
| Native contrast ratio | 2000:1 (typical) up to 3000:1 with HC lens |
| Digital MicroMirror Device™ | 3x 1.38" DC4K |
| Resolution | native 4K: 4096 x 2160 |
| Color gamut | DCI P3 compliant (98.5% of Rec.2020; when measured in xy-color coordinates) |
| Light source | Laser |
| Prime lenses | 0.8; 1.01; 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 |
| Long-term brightness stability | 40,000 hrs @ average usage conditions |
| Housing | integrated cooling design and patented sealed optical assembly |
| Dimensions (WxLxH) | projector incl. feet 760 x 1470 x 612 mm 29,92 x 57,54 x 24,09 inches |
| Weight | 163kg/359lbs |
| Power requirements | single phase or triple phase 200-240V 20A |
| Heat load (max. power) | 10,000 BTU/hr |
| Exhaust airflow | 615CFM |
| Ambient temperature | 40°C / 104°F max. |
| Ambient humidity | 85% RH max. |
| Media server | Barco Alchemy ICMP-X and other media server brands ** supported |
| Power consumption | 3.1kW (3W in Eco mode) |
| Noise Level | 51dB(A) @1m and 25°C ambient temperature |
| 3D systems | Active glasses systems and polarization systems on silver screens are supported. Color separation systems are not supported. |
| Safety requirements | Class 1 risk group 3 |
| User interface | Touch Display and/or web based |
| Notes | ** projector configuration with ICP-D; contact Barco service for the list of supported brands |

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