

SP4K-25

23,500 lumens smart cinema projector



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

SP4K-25 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.

Brilliant image

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

Ready for tomorrow, today

The Barco Colorgenic™ technology opens up the full P3 color space and more than 98.5% of Rec. 2020. SP4K-25 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 EcoPure™

This silent running projector (50dB(A)) is fully ready for boothless operation. In addition, the SP4K-25 smartly manages its power consumption of only 9.5 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 plate™ spare parts to service all light source configurations. Anyone can replace the filters thanks to the toolless cover and filter handling. The SP4K-25 seamlessly integrates into your current setup.

Freedom of choice

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.

PRODUCT SPECIFICATIONS**SP4K-25**

| | |
|-------------------------------------|---|
| Native brightness | 23,500 lumens (typical) |
| Native contrast ratio | 2300:1 (typical) |
| Digital MicroMirror Device™ | 3x 0.98" DC4K TRP |
| Resolution | native 4K: 4096 x 2160 |
| Color gamut | DCI P3 (98.5% of Rec.2020; when measured in xy-color coordinates) |
| Prime lenses | With C-lensholder: 1.2 -1.8; 1.4 -2.05; 1.6 -2.5 ; 1.95 -3.2; 2.4 -3.9 With B-lensholder: 1.6 – 2.4; 1.9 – 2.6; 2.0 – 2.95; 2.3 – 3.65; 2.8 – 4.7; 3.55 – 6.95 For support of 3rd party lenses, see installation manual |
| Long-term brightness stability | 40,000 hrs @ normal usage conditions |
| Housing | integrated cooling design and patented sealed optical assembly |
| Dimensions (WxLxH) | Projector incl feet: 710 x 1070 x 547 mm/ 27,95 x 42,13 x 21,54 inches 710 x 1132x 547 mm/ 27,95 x 44.55x 21,54 inches with B-lensholder |
| Weight | 105kg / 231.5lbs |
| Power requirements | single phase or triple phase 200-240V 16A |
| Heat load (max. power) | 7750 BTU/hr |
| Exhaust airflow | 400CFM |
| Ambient temperature | 40°C/104F Max. |
| Ambient humidity | 85% Max. |
| Media server | Barco Alchemy ICMP-X and other media server brands** supported. |
| Power consumption | 2.4kW (3W in Eco mode) |
| Noise Level | 50dB(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 |
| Lateral lens color on edge of image | With 2K lens: 2 pixels average* With 4K lens: 1.5 pixels average* (* depends on lens, zoom, ...) |
| Notes | **projector configuration with ICP-D; contact Barco service for the list of supported brands |

Last updated: 07 May 2019

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