

# SP4K-15B

17,000 lumens smart cinema projector



- **Brilliant image**
- **Ready for tomorrow, today**
- **Barco EcoPure<sup>TM</sup>**
- **Fit and forget**

SP4K-15 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<sup>TM</sup> 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<sup>TM</sup> 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<sup>TM</sup>**

This silent running projector (51dB(A)) is fully ready for boothless operation. In addition, the SP4K-15 smartly manages its power consumption reaching projector efficiency levels up to 10.3 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<sup>TM</sup> spare parts to service all light source configurations. Anyone can replace the filters thanks to the toolless cover and filter handling. The SP4K-15 seamlessly integrates into your current setup.

**Product specifications****SP4K-15B****General specifications**

|                                |  |
|--------------------------------|--|
| Native brightness              | 17,000 lumens (typical)  |
| Native contrast ratio          | 2000:1 (typical)<br>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)   |
| Light source                   | Laser  |
| Prime lenses                   | 0.8; 1.01; 1.13-1.72; 1.35-1.86; 1.46-2.10; 1.65-2.60; 2.00-3.35; 2.53-4.98<br>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                         | 141kg/311lbs   |
| Power requirements             | single phase or triple phase 200-240V 9A   |
| Heat load (max. power)         | 5300BTU/hr   |
| Exhaust airflow                | 400CFM   |
| Ambient temperature            | 40°C/104F Max.   |
| Ambient humidity               | 85% RH max   |
| Media server                   | Barco Alchemy ICOMP-X and other media server brands** supported.   |
| Power consumption              | 1.55kW (3W in Eco mode)  |
| Noise Level                    | 50dB(A)  |
| 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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