

# SP4K-55

52,000 lumens smart cinema projector



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

SP4K-55 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.

## **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-55 seamlessly integrates into your current setup.

**PRODUCT SPECIFICATIONS****SP4K-55**

<b>Native brightness</b>	52,000 lumens (typical)
<b>Native contrast ratio</b>	2000:1 (typical)
<b>Digital MicroMirror Device™</b>	3x 1.38" DC4K
<b>Resolution</b>	native 4K: 4096 x 2160
<b>Color gamut</b>	DCI P3 compliant (98.5% of Rec.2020)
<b>Light source</b>	Laser
<b>Prime lenses</b>	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 High-brightness and high-contrast B-lenses compatible
<b>Long-term brightness stability</b>	40,000 hrs @ average usage conditions
<b>Housing</b>	integrated and external cooling design and patented sealed optical assembly
<b>Dimensions (WxLxH)</b>	projector incl. feet 760 x 1470 x 612 mm 29,92 x 57,54 x 24,09 inches external cooler: 546 x 462 x 589 mm 21,50 x 18,19 x 23,19 inches
<b>Weight</b>	projector incl. feet: 175kg/385lbs external cooler incl. feet: 31kg/68lbs
<b>Power requirements</b>	Single phase or triple phase 200-240V 25A Cooler: obtains power from the projector
<b>Heat load (max. power)</b>	14,500 BTU/hr
<b>Exhaust airflow</b>	Projector: 615CFM External cooler: 450CFM
<b>Ambient temperature</b>	40°C / 104F max.
<b>Ambient humidity</b>	85% max.
<b>Media server</b>	Barco Alchemy ICMP-X and other media server brands ** supported
<b>Power consumption</b>	4.2kW (3W in Eco mode)
<b>Noise Level</b>	Projector: 51dB(A) External cooler: 50dB(A)
<b>3D systems</b>	Active glasses systems and polarization systems on silver screens are supported. Color separation systems are not supported.
<b>Safety requirements</b>	Class 1 risk group 3
<b>User interface</b>	Touch Display and/or web based
<b>Notes</b>	Cooling liquid hose and cable length: 2.5m or 5m (8.2ft or 16.4ft) Vertical separation between cooler and projector: Maximum 3m (10ft) ** projector configuration with ICP-D; contact Barco service for the list of supported brands

Last updated: 01 Sep 2021

Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.