

SP2K-20C

Enabling smart projection for mainstream cinema screens



2K
2048 X 1080

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

SP2K-20C is derived from the acclaimed SP4K range and part of the Series 4 portfolio: a next-generation laser projection family for all cinema screens. The SP2K models come in many different configurations offering you the freedom of choice. They come with 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 SP2K models of the Series 4 family bring native 2K resolution, full P3 color space, higher contrast and enhanced uniformity into the movie theater.

Ready for tomorrow, today

With numerous benefits to enhance moviegoer experience and creating peace of mind for exhibitors, this 4th generation of Barco laser projection is the way to move forward. Moreover, all SP2K models are compatible with the latest immersive audio standard.

Barco EcoPure™

The SP2K-20C smartly manages its power consumption reaching projector efficiency levels of 10,8 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. Anyone can replace the filters thanks to the toolless cover and filter handling. The SP2K-20C seamlessly integrates into your current setup.

Product specifications**SP2K-20C**

| General specifications | |
|-------------------------------------|--|
| Native brightness | 18 000 lumenów (typowo) |
| Native contrast ratio | 2000:1 (typowo) |
| Digital MicroMirror Device™ | 3x 0,98" DC2K |
| Resolution | 2K: 2048 x 1080 |
| Color gamut | Zgodno z DCI P3 |
| Light source | Laser |
| Prime lenses | 0.8 -1.16; 1.09 -1.40; 1.2 -1.8; 1.4 -2.05; 1.6 -2.5 ; 1.95 -3.2; 2.4 -3.9 |
| Long-term brightness stability | 40 000 godzin przy średnich warunkach użytkowania |
| Housing | zintegrowany układ chłodzenia i opatentowany uszczelniony zespół optyczny |
| Dimensions (WxLxH) | Projektor z nośnikami: 710 x 1070 x 547 mm/27,95 x 42,13 x 21,54 cala 710 x 1132 x 547 mm/27,95 x 44,55 x 21,54 cala z uchwytem dla obiektywu B |
| Weight | 103 kg / 227 lbs |
| Power requirements | jedno lub trójfazowe 200-240V 16A |
| Heat load (max. power) | 6800 BTU/h |
| Exhaust airflow | 400 CFM |
| Ambient temperature | 40°C/104F Maks. |
| Ambient humidity | 85% RH maks. |
| Media server | Obsługa Barco Alchemy iCMP-X i innych marek serwerów multimedialnych**. |
| Power consumption | 2,1kW (3W w trybie Eco) |
| Noise Level | 50 dB(A) przy 1m i temperaturze otoczenia 25°C |
| 3D systems | Obsługiwane są aktywne systemy okularów i systemy polaryzacji na srebrnych ekranach. Systemy separacji kolorów nie są obsługiwane. |
| Safety requirements | Klasa 1 grupa ryzyka 3 |
| User interface | Wyświetlacz dotykowy i/lub internetowy |
| Lateral lens color on edge of image | Z obiektywem 2K: średnio 2 piksele* Z obiektywem 4K: średnio 1,5 piksela* (* zależnie od obiektywu, powiększenia, ...) |
| Notes | **konfiguracja projektora z ICP-D; skontaktuj się z serwisem Barco, aby uzyskać listę obsługiwanych marek |

Last updated: 09 Apr 2024

© 2018 Barco nv. All rights reserved. Reproduction in whole or in part without written permission is prohibited. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. Due to continued innovation, information and technical specifications are subject to change without prior notice. Please check www.barco.com for the latest specifications.