

Loki

Unmistakably Barco Residential - precision engineering and manufacturing at its finest.



- Theater & Media Room Series
- 4K UHD Resolution (3,840 x 2,160)
- Laser Phosphor
- Up to 12,000 ANSI Lumens

Loki's alluring image quality is unmistakable, right from the very first encounter. Striking and assertive, his soul is a dual laser light engine, coupled to award-winning DLP technology and world-class optics.

Professional grade optics

By basing Loki's optical engine on a proven architecture, incorporating custom designed aspherical glass elements, and enhanced low dispersion glass lenses, image quality is in a class of its own. Contrast is not only increased, but the detail within the darkest parts of the image are more visible.

By basing Loki's optical engine on a proven architecture, incorporating custom designed aspherical glass elements, and enhanced low dispersion glass lenses, image quality is in a class of its own. Contrast is not only increased, but the detail within the darkest parts of the image are more visible.

State of the art electronics

Thanks to our unique single step processing technology (SSPTM), Pulse electronics are designed to process 4K UHD, HDMI 2.0a, HDCP 2.2 and HDR10 signals with extremely low latency.

Loki uses the very latest 0.9" DMD DLP chipset, to display flawless 4K UHD (3,840 x 2,160 px) images on screen.

Laser light source

Outstanding image quality requires an exceptional light source, which is why Loki uses our brand-new dual laser engine which delivers up to 12,000 ANSI

lumens output.

Alongside significantly improved image uniformity, lasers last longer than traditional projector lamps, offer great image quality consistence over their lifetime, are less fragile and offer near instant on/off performance.

Liquid cooling

Loki has departed from a pure fan based cooling system, opting instead for a liquid cooling PID regulation system. This combined with our simulation grade warp engine allows Balder to operate at any angle (free rotation), offering new possibilities when it comes to architectural integration.

Технические характеристики

LOKI

| Общие характеристики | |
|------------------------------|--|
| Тип проектора | Single chip DLP |
| Технология | 0.9" DMD™ |
| Разрешение | 3,840 x 2,160 (4K UHD) |
| Форматное соотношение | 1.78:1 (16:9) |
| Источник света | Laser phosphor |
| Срок эксплуатации ЖКИ | 20,000 - 60,000 hours Laser intensity dependent |
| Светоотдача | DCI (P3) Color Wheel: Up to 5,700 ANSI lumens T Color Wheel: Up to 8,500 ANSI lumens M Color Wheel: Up to 12,000 ANSI lumens |
| CLO (постоянная светоотдача) | Yes |
| Уровень контрастности | 1,800:1 Sequential 450:1 ANSI |
| Однородность яркости | >90% |
| Диапазон объективов | (R9802232) -EN68 (0.30:1) -Periscope Lens (requires vertical installation) (R9801832) -FLDX UST (0.41:1) -90°ns (R9802244) -EN67 (0.65:1) (R9802243) -EN66 (0.80 - 1.21:1) (R9802003) -EN76 (0.95 - 1.30:1) (R9802242) -EN63 (1.20 - 1.70:1) * (R9802241) -EN61 (1.70 - 2.50:1) * (R9801211) -EN44 (2.50 - 4.60:1) * Standard Lens Option(s) |
| Сдвиг оптической линзы | Up to 88% vertical lens shift & up to 38% horizontal lens shift (depending on lens selection) Visit the Barco Residential Lens Calculator for further information Download Lens & Airflow Data Here |
| Оптический затемнитель | Yes |
| Коррекция цвета | P7 RealColor™ |
| Цветовая гамма | DCI (P3) Color Wheel: DCI P3 T Color Wheel: REC.709 M Color Wheel: REC.709 |
| Обработка изображений | Embedded Warp & Blend Engine |
| WARP | 4-Corner Warp & Bow Correction via Warp Engine |
| Ориентация | 360° Rotation |

| Технические характеристики | LOKI |
|--|---|
| Соединение сети | 10/100 Ethernet via RJ45 connection |
| Встроенный веб-сервер | Yes |
| Диагностика | via Prospector web interface |
| HDR | HDR10 |
| 3D | Active Stereoscopic 3D Additional hardware required please contact an authorized Barco representative for details |
| Вводы | 1 x HDMI 2.0 (HDCP 2.2) 1 x HDBaseT (HDCP 1.4 -9Gbps only) 2 x Dual Link DVI-D 2 x Display Port (1.2) 12G-SDI 1 x RJ45 Ethernet 1 x RS232 1 x Remote Control (RC) 3 x USB (2 x Rear, 1 x Front) DMX (1 x Input, 1 x Output) |
| Разрешения входного сигнала | From VGA up to 4K UHD (3,840 x 2,160) @ 60Hz or up to 2,560 x 1,600 @ 120Hz |
| Задержка | TBD |
| Контроль | IR, RS232, IP, 12v Trigger Driver modules available for: Crestron, Control4, RTI & Savant NOTE: 12v Trigger(s) do not follow standard functionality and require an IP command to enable / disable them. Download our integration guide for more information. |
| Требования к источнику питания | 100 -240V / 50 -60Hz US Requires: 20A Service (NEMA 5-20P Plug Type) |
| Энергопотребление | 2180 W -Maximum |
| БТЕ/ч | Max. 6,000 BTU/h |
| Потребляемая мощность в режиме ожидания | Standby ECO Mode: 110v -0.78W (with LAN Connection) 230v -0.87W (with LAN Connection) |
| Уровень шума (номинал при 25 °C / 77 °F) | 38 dB(A) |
| Рабочая температура | 10 to 45 °C at Sea Level Optimal Set Point: 20 °C |
| Влажность при эксплуатации | 20 to 80% (relative humidity) |

Технические характеристики**LOKI**

| | |
|---|---|
| Требования к воздушному потоку | Air Inlet (from Rear w/Feet Down): Right Side Exhaust (from Rear w/Feet Down): Rear Clearance Requirements: Front: 1cm Left: 1cm Right: 50cm Rear: 100cm Top: 1cm |
| Поток отсасываемого воздуха | 193 ft ³ /min @ 25 °C 327 m ³ /hour @ 25 °C Download Lens & Airflow Data Here |
| Габариты (WxLxH) | Excluding Lens 577 x 738 x 304 mm 22.7 x 29.1 x 12 in. |
| Вес | Excluding Lens 44.5 kg / 98.1 lbs |
| Размеры в состоянии поставки (Ш x Д x В) | Excluding Lens 720 x 910 x 630 mm 28.4 x 35.8 x 24.8 in. |
| Shipping weight | Excluding Lens 55 kg / 121.3 lbs |
| Стандартные аксессуары | Power Cord, Remote Control |
| Сертификаты | CE, FCC Class A and cCSAus |
| Требования к безопасности | This projector is Risk Group 2 (RG2) according to IEC EN 62471-5. This projector may become Risk Group 3 (RG3) when an interchangeable lens with throw ratio greater than 3.15 is installed. For Northern America, installation requirements according to Risk group 3 (RG3) must be followed when interchangeable lens with throw ratio greater than 2.33 is installed. Refer to the installation manual for further information. |
| 24/7 operation | This projector is designed and warranted for heavy duty 24/7 operation. Specific measures and design considerations have been made in order for it to comply with stringent requirements in challenging applications. |
| Гарантия | Limited 3 years parts and labor Extendable up to 5 years |
| * | Firmware upgradable Please contact an authorized Barco representative for details |

Создано: 22 Jun 2023

Технические характеристики могут изменяться без предварительного уведомления. Для получения самой последней информации посетите веб-сайт www.barco.com.