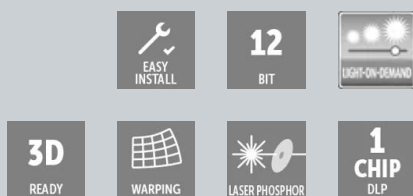


# Loki CinemaScope

Offering the same UHD enhancements as the Loki projector, coupled with a high-capacity 2.37:1 aspect DLP engine.



- Theater & Media Room Series
- 5K UHD Resolution (5,120 x 2,160)
- Laser Phosphor
- Up to 7,800 ANSI Lumens

Loki CinemaScope's exceptional design allows a cinemascope film to be shown without requiring an anamorphic lens. The projector also provides Barco's renowned single-step processing (SSPTM) and low latency scaling technologies.

### Professional grade optics

By basing Loki CinemaScope on a proven optical architecture, 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 details within the darkest parts of the image are more visible.

### CinemaScope

Our unique aspect ratio detection system, automatically crops and scales content to fit the appropriate screen area, ranging from 1.78:1 to 2.39:1.

Manual cropping is also available for custom configurations such as cinemascope subtitle support, where only the top black bar is removed from none 1.78:1 content, preserving the subtitles at the foot of the image.

### Laser light source

Outstanding image quality requires an exceptional light source, which is why Loki CinemaScope uses our brand-new dual laser engine.

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 CinemaScope 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 CINEMASCOPE

Общие характеристики	
Тип проектора	Single chip DLP
Технология	0.9" DMD™
Разрешение	5,120 x 2,160 (5K UHD)
Форматное соотношение	2.37:1 (CinemaScope)
Источник света	Laser phosphor
Срок эксплуатации ЖКИ	20,000 - 60,000 hours Laser intensity dependent
Светоотдача	DCI (P3) Color Wheel: Up to 5,100 ANSI lumens T Color Wheel: Up to 6,500 ANSI lumens M Color Wheel: Up to 7,800 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 122% vertical lens shift & up to 40% horizontal lens shift (depending on lens selection)  Visit the Barco Residential Lens Calculator for further information <a href="#">Download Lens &amp; Airflow Data Here</a>
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
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
Входы	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

**Технические характеристики****LOKI CINEMASCOPE**

<b>Потребляемая мощность в режиме ожидания</b>	Standby ECO Mode: 110v -0.78W (with LAN Connection) 230v -0.87W (with LAN Connection)
<b>Уровень шума (номинал при 25 °C / 77 °F)</b>	38 dB(A)
<b>Рабочая температура</b>	10 to 45 °C at Sea Level Optimal Set Point: 20 °C
<b>Влажность при эксплуатации</b>	20 to 80% (relative humidity)
<b>Требования к воздушному потоку</b>	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
<b>Поток отсасываемого воздуха</b>	193 ft <sup>3</sup> /min @ 25 °C 327 m <sup>3</sup> /hour @ 25 °C <a href="#">Download Lens &amp; Airflow Data Here</a>
<b>Габариты (WxLxH)</b>	Excluding Lens 577 x 738 x 304 mm 22.7 x 29.1 x 12 in.
<b>Вес</b>	Excluding Lens 44.5 kg / 98.1 lbs
<b>Транспортировочные габариты</b>	Excluding Lens 720 x 910 x 630 mm 28.4 x 35.8 x 24.8 in.
<b>Shipping weight</b>	Excluding Lens 55kg / 121.3 lbs
<b>Температура при хранении</b>	-20 to 60 °C
<b>Влажность при хранении</b>	10 to 90% (relative humidity)
<b>Стандартные аксессуары</b>	Power Cord, Remote Control
<b>24/7 operation</b>	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.
<b>Сертификаты</b>	CE, FCC Class A and cCSAus
<b>Требования к безопасности</b>	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.
<b>Гарантия</b>	Limited 3 years parts and labor Extendable up to 5 years
<b>*</b>	Firmware upgradable Please contact an authorized Barco representative for details

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