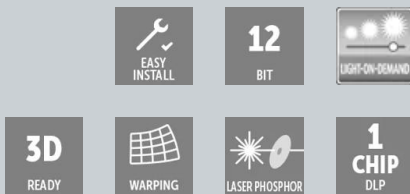


# Loki CinemaScope

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 consistency 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.

**Technische Daten****LOKI CINEMASCOPE**

Allgemeine technische Daten	
Projektortyp	Single chip DLP
Technologie	0.9" DMD™
Auflösung	5,120 x 2,160 (5K UHD)
Bildseitenverhältnis	2.37:1 (CinemaScope)
Lichtquelle	Laser phosphor
Lebensdauer der Lichtquelle	20,000 - 60,000 hours Laser intensity dependent
Lichtausgabe	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 (Constant Light Output -Konstante Lichtausgabe)	Yes
Kontrast	1,800:1 Sequential 450:1 ANSI
Helligkeitsgleichförmigkeit	>90%
Objektivbereich	(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)
Linsenverstellung	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>
Optischer Dowser	Yes
Farbkorrektur	P7 RealColor™
Farbskala	DCI (P3) Color Wheel: DCI P3 T Color Wheel: REC.709 M Color Wheel: REC.709
Bildverarbeitung	Embedded Warp & Blend Engine
WARP	4-Corner Warp & Bow Correction via Warp Engine

**Technische Daten****LOKI CINEMASCOPE**

<b>Ausrichtung</b>	360° Rotation
<b>Netzwerk-Verbindung</b>	10/100 Ethernet via RJ45 connection
<b>Integrierter Webserver</b>	Yes
<b>Diagnose</b>	via Prospector web interface
<b>HDR</b>	HDR10
<b>3D</b>	Active Stereoscopic 3D Additional hardware required please contact an authorized Barco representative for details
<b>Eingänge</b>	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)
<b>Eingangsaufösungen</b>	From VGA up to 4K UHD (3,840 x 2,160) @ 60Hz or up to 2,560 x 1,600 @ 120Hz
<b>Latenz</b>	TBD
<b>Bedienung</b>	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.
<b>Stromversorgungsanforderungen</b>	100 -240V / 50 -60Hz US Requires: 20A Service (NEMA 5-20P Plug Type)
<b>Stromverbrauch</b>	2180 W -Maximum
<b>BTU pro Stunde</b>	Max. 6,000 BTU/h
<b>Standby-Leistung</b>	Standby ECO Mode: 110v -0.78W (with LAN Connection) 230v -0.87W (with LAN Connection)
<b>Geräuschentwicklung (typisch bei 25 °C/77 °F)</b>	38 dB(A)
<b>Betriebstemperatur</b>	10 to 45 °C at Sea Level Optimal Set Point: 20 °C
<b>Betriebsfeuchtigkeit</b>	20 to 80% (relative humidity)

**Technische Daten****LOKI CINEMASCOPE**

<b>Anforderungen Luftstrom</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>Abgasstrom</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>Abmessungen (BxTxH)</b>	Excluding Lens 577 x 738 x 304 mm 22.7 x 29.1 x 12 in.
<b>Gewicht</b>	Excluding Lens 44.5 kg / 98.1 lbs
<b>Verpackungs-Abmessungen</b>	Excluding Lens 720 x 910 x 630 mm 28.4 x 35.8 x 24.8 in.
<b>Versandgewicht</b>	Excluding Lens 55kg / 121.3 lbs
<b>Lagerungstemperatur</b>	-20 to 60 °C
<b>Luftfeuchtigkeit bei Lagerung</b>	10 to 90% (relative humidity)
<b>Standardzubehör</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>Zertifizierungen</b>	CE, FCC Class A and cCSAus
<b>Sicherheitsanforderungen</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>Gewährleistung</b>	Limited 3 years parts and labor Extendable up to 5 years
<b>*</b>	Firmware upgradable Please contact an authorized Barco representative for details

Generiert am: 22 Jun 2023

Die angegebenen Informationen und Daten sind typisch für das beschriebene Gerät. Jede Spezifikation kann sich aber ohne vorherige Ankündigung ändern. Die aktuelle Version dieser Broschüre finden Sie unter [www.barco.com](http://www.barco.com).