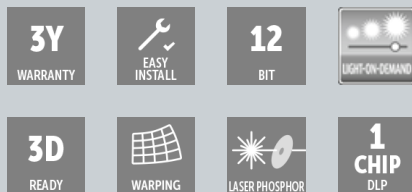


# Loki CinemaScope

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 image processing 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

The Loki CinemaScope has a unique automatic aspect ratio detection function. It will look for cinemascope content and automatically scale the image to fit the 5,120 x 2,160 resolution and change back to 16:9 (3,840 x 2,160) if you have content in that format. It will also change aspect ratio when a cinemascope format movie has a menu outside the active picture frame. Alternatively, you can switch manually between the different formats.

## Laser light source

Outstanding image quality also requires an exceptional light source. This is why we have packed Loki CinemaScope with a brand new dual laser engine. Alongside significantly improved image uniformity, lasers last longer than traditional projector lamps, are not as fragile and offer nearly instant on/off. Light life is up to 60,000 hours.

## Liquid cooling

Loki CinemaScope has departed from a pure fan based cooling system to a liquid cooling PID regulation system, allowing the Loki CinemaScope to operate in any angle.

PRODUCT SPECIFICATIONS	LOKI CINEMASCOPE
Projector type	Single chip DLP
Technology	0.9" DMD™
Resolution	5,120 x 2,160 (5K UHD)
Aspect ratio	2.37:1 (CinemaScope)
Light source	Laser phosphor
Light source lifetime	20,000 - 60,000 hours (depending on brightness mode)
Light output	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)	Yes
Contrast ratio	1,800:1 Sequential 450:1 ANSI
Brightness uniformity	90%
Lens range	EN68 (0.30:1) EN47 (0.65:1) EN66 (0.80 - 1.21:1) EN63 (1.20 - 1.70:1) EN61 (1.70 - 2.50:1) EN44 (2.50 - 4.60:1)
Optical lens shift	Up to 122% vertical lens shift & up to 40% horizontal lens shift (depending on lens selection) Motorized zoom, focus, shutter and lens shift (depending on lens selection)  Visit the Barco Residential Lens Calculator for further information <a href="#">Download Lens &amp; Airflow Data Here</a>
Optical dowser	Yes
Color correction	P7 RealColor™
Color gamut	DCI (P3) Color Wheel: DCI P3 T Color Wheel: REC.709 M Color Wheel: REC.709
Image processing	Embedded warp, bow correction & blend engine
WARP	Four corner warp
Orientation	360° rotation, no restrictions
Network connection	10/100 Ethernet via RJ45 connection
Integrated web server	Yes
HDR	HDR10
3D	Active stereoscopic 3D* (requires firmware release 1.5 onwards) Additional hardware required please contact an authorized Barco representative for details
Inputs	1 x HDMI 2.0a (HDCP 2.2), 1 x HDBaseT (HDCP 1.4), 2 x dual link DVI-D, 2 x Display Port, HDSDI 1 x RJ45 Ethernet, RS232, 3 x USB, DMX in/out*
Input resolutions	VGA up to 4K UHD (3,840 x 2,160) @ 60Hz Up to 2,560 x 1,600 @ 120Hz
Latency	
Control	IR, RS232, TCP/IP, 3 x 12v Trigger* (requires firmware release 1.6 onwards) Driver modules available for: Crestron, Control4 and Savant
Power requirements	110 -240V / 50 -60Hz US Requires: 20A Service (NEMA 5-20P Plug Type)
Power consumption	1,600 W Max.
Noise level (typical at 25°C/77°F)	38 dB(A)

**PRODUCT SPECIFICATIONS****LOKI CINEMASCOPE**

Operating temperature	10 to 45 °C (sea level)
Operational humidity	20 to 80% (relative humidity)
BTU per hour	Max. 6,000 BTU/h
Airflow requirements	Air Inlet (from Rear w/Feet Down): Right Side Exhaust (from Rear w/Feet Down): Rear Clearance Distances (Front / Left / Right / Rear): 1cm / 1cm / 50cm / 100cm
Exhaust airflow	193 ft <sup>3</sup> /min @ 25 °C <a href="#">Download Lens &amp; Airflow Data Here</a>
Dimensions (WxLxH)	577 x 738 x 304 mm (including feet / excluding lens) 22.7 x 29.1 x 12 in. (including feet / excluding lens)
Weight	44.5 kg / 98.1 lbs (excluding lens)
Shipping Dimensions	720 x 910 x 630 mm (excluding lens - packaged separately) 28.4 x 35.8 x 24.8 in. (excluding lens - packaged separately)
Shipping weight	55kg / 121.3 lbs (excluding lens - packaged separately)
Storage temperature	-20 to 60 °C
Storage humidity	10 to 90% (relative humidity)
Standard accessories	Power cord(s), wireless remote control
Certifications	CE, FCC Class A and cCSAus
Warranty	Limited 3 years parts and labor Extendable up to 5 years
*	Firmware upgradable Please contact an authorized Barco representative for details

Last updated: 29 Sep 2020

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