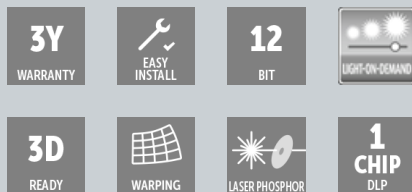


Loki CinemaScope

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 Download Lens & Airflow Data Here
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 ³ /min @ 25 °C Download Lens & Airflow Data Here
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 for the latest information.