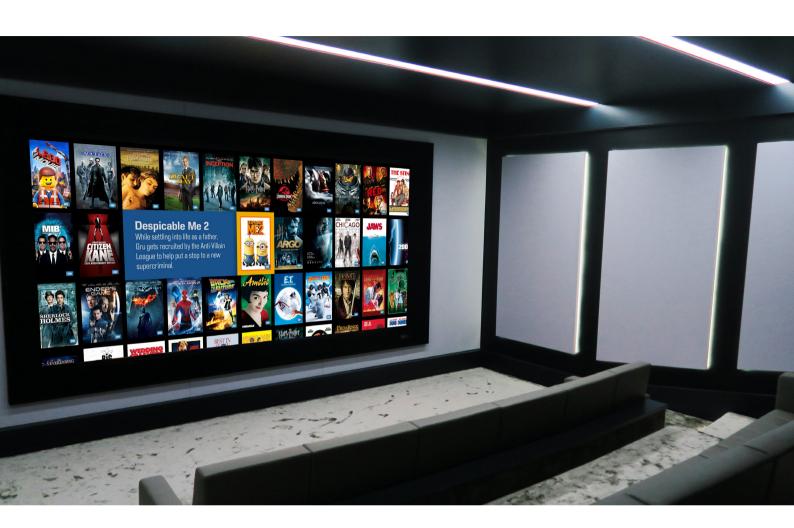
# Loki Cinemascope

## Theater & Media Room Series





The Barco Loki Cinemascope offers the same Ultra HD enhancements as the Barco Loki projector, coupled with a high-capacity 2.37:1 aspect DLP engine. Its 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.



## Loki Cinemascope



### Key features

#### 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 revert back to 16:9 (3,840 x 2,160) if you have content in that format. It will also change aspect ratio when scope format movie has a menu outside the active picture frame. You can also 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 near 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 Loki to operate in any angle.

### Technical specifications

Resolution Display technology	5,120 x 2,160 @ 60hz
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	DLP - 0.9" Single Chip DMD™
Housing	Sealed DMDs and optical assembly
Input compatibility	up to 5,120 x 2,160 @ 24Hz
Light output	DCI/P3: up to 5100 ANSI lumen T-version: up to 6,500 ANSI lumens M-version: up to 7,800 ANSI lumens
Contrast	450:1 ANSI contrast / 1,800 :1 On/Off contrast
Light engine	Laser phosphor
Lenses	0.30 : 1 (EN68) 0.41 : 1 (UST 90 degree lens) 0.65 : 1 (EN67) 0.80 - 1.21 : 1 (EN66) 0.90 - 1.30 : 1 (EN76) 1.21 - 1.70 : 1 (EN63) 1.70 - 2.50 : 1 (EN61) 2.50 - 4.60 : 1 (EN44) 6.50 - 9.10 : 1 (EN69)
Lens shift range	Varies depending on lens, more than 100 % vertical shift
Inputs	HDMI 2.0, HDBaseT (1.4), DVI, DisplayPort, SDI, DMX
Control	TCP/IP, RS232, RJ45, 12V trigger
Control drivers	Control4, Crestron, RTI and Savant
3D	active stereoscopic 3D Sync 3-pin DIN, BNC
Dimensions	577 x 738 x 304 mm / 22.7 x 29.1 x 12 in. (including feet / excluding lens)
Weight	44.5 kg /98.1 lbs
Shipping dimensions	720 x 910 x 630 mm / 28.4 x 35.8 x 24.8 in (55kg / 12.3 lbs)
Power requirements	110 - 240 V / 50 - 60 Hz
Power consumption	1600 W nominal, 2180 W maximum
BTU per hour	Max 6,000 BTU/h
Noise level (typical at 25°C/77°F)	38 dB(A)
Operating temperature	10 - 45°C (sea level)
Operating humidity	20 - 80% RH
Installation	free rotation
Certifications	CE, FCC Class A and cCSAus
Warranty	Limited 3 years parts and labor, extendable up to 5 years

