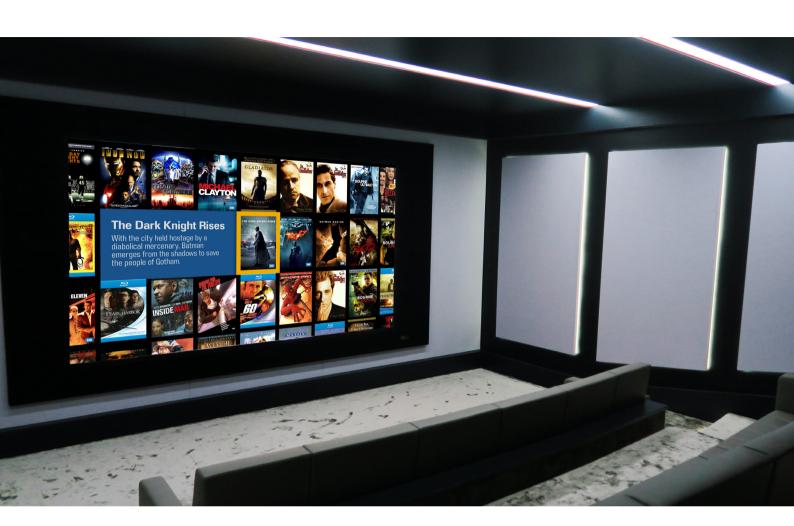
# Loki Cinemascope

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 2.40:1 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 2.40:1 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 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 Loki to operate in any angle.

## Technical specifications

Resolution	5,120 x 2,160
Display technology	Single chip XPR DMO™
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	EN68 0.30 : 1 EN47 0.65 : 1 EN46 0.80 - 1.21 : 1 EN63 1.21 - 1.70 : 1 EN61 1.70 - 2.50 : 1 EN44 2.50 - 4.60 : 1
Lens shift range	Varies depending on lens, check master specification sheet
Inputs	HDMI 2.0, HDBaseT (1.4), 2x DP, 2x dual link DVI
Control	TCP/IP, RS232, RJ45, 12V trigger (FW 1.6 or greater)
Control Drivers	For Savant, Control4 and Crestron
3D	active stereoscopic 3D Sync 3-pin DIN, BNC (requires FW 1.5 or greater)
Dimensions	575 x 730 x 295 mm / 22.64 x 28.74 x 11.61 in (excludes 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	1,600 W max
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

