Loki CinemaScope
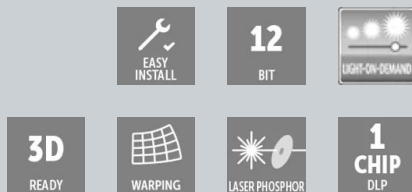
Offering the same UHD enhancements as the Loki projector, coupled with a high-capacity 2.37:1 aspect DLP engine.

EASY INSTALL

12 BIT

LIGHT-ON-DEMAND

3D READY

WARPING

LASER PHOSPHOR

1 CHIP DLP

- **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

Outstandingimage quality requires an exceptional light source, which is why LokiCinemascope uses our brand-new dual laserengine.

Alongsidesignificantly improved image uniformity, lasers last longer than traditionalprojector lamps, offer great image quality consistence over their lifetime, areless fragile and offer near instant on/off performance.

Liquid cooling

Loki Cinemascope hasdeparted from a pure fan based cooling system, opting instead for a liquidcooling PID regulation system. Thiscombined with our simulation grade warp engine allows Balder to operate at any angle(free rotation), offering new possibilities when it comes to architecturalintegration.

BARCO

Especificações técnicas	LOKI CINEMASCOPE
Especificações gerais	
Tipo de projetor	Single chip DLP
Tecnologia	0.9" DMD™
Resolução	5,120 x 2,160 (5K UHD)
Relação de aspecto	2.37:1 (CinemaScope)
Fonte de luz	Laser phosphor
Vida útil da fonte de luz	20,000 - 60,000 hours Laser intensity dependent
Saída de luz	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 (saída de luz constante)	Yes
Razão de contraste	1,800:1 Sequential 450:1 ANSI
Uniformidade de brilho	>90%
Faixa de alcance da lente	(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)
Deslocamento ótico de lente	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 Download Lens & Airflow Data Here
Obturador ótico	Yes
Correção de cores	P7 RealColor™
Gama de cores	DCI (P3) Color Wheel: DCI P3 T Color Wheel: REC.709 M Color Wheel: REC.709
Processamento de imagens	Embedded Warp & Blend Engine
WARP	4-Corner Warp & Bow Correction via Warp Engine
Orientação	360° Rotation
Conexão de rede	10/100 Ethernet via RJ45 connection
Servidor da Web integrado	Yes
Diagnóstico	via Prospector web interface
HDR	HDR10
3D	Active Stereoscopic 3D Additional hardware required please contact an authorized Barco representative for details
Entradas	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)
Resoluções de entrada	From VGA up to 4K UHD (3,840 x 2,160) @ 60Hz or up to 2,560 x 1,600 @ 120Hz
Latência	TBD
Controle	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.
Requisitos de energia	100 -240V / 50 -60Hz US Requires: 20A Service (NEMA 5-20P Plug Type)
Consumo de energia	2180 W -Maximum
BTU por hora	Max. 6,000 BTU/h
Alimentação de standby	Standby ECO Mode: 110v -0.78W (with LAN Connection) 230v -0.87W (with LAN Connection)
Nível de ruído (normal a 25 °C/77 °F)	38 dB(A)
Temperatura de operação	10 to 45 °C at Sea Level Optimal Set Point: 20 °C
Umidade de operação	20 to 80% (relative humidity)

Especificações técnicas	LOKI CINEMASCOPE
Requisitos de fluxo de ar	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
Fluxo de ar de exaustão	193 ft^3/min @ 25 °C 327 m^3/hour @ 25 °C Download Lens & Airflow Data Here
Dimensões (LxPxA)	Excluding Lens 577 x 738 x 304 mm 22.7 x 29.1 x 12 in.
Peso	Excluding Lens 44.5 kg / 98.1 lbs
Dimensões da Remessa	Excluding Lens 720 x 910 x 630 mm 28.4 x 35.8 x 24.8 in.
Peso de expedição	Excluding Lens 55kg / 121.3 lbs
Temperatura de armazenamento	-20 to 60 °C
Umidade de armazenamento	10 to 90% (relative humidity)
Acessórios padrão	Power Cord, Remote Control
24/7 operation	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.
Certificações	CE, FCC Class A and cCSAus
Requisitos de segurança	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.
Garantia	Limited 3 years parts and labor Extendable up to 5 years
*	Firmware upgradable Please contact an authorized Barco representative for details

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Especificações técnicas estão sujeitas a alterações sem aviso prévio. Consulte www.barco.com para as últimas informações.

ENABLING BRIGHT OUTCOMES

www.barco.com

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