

Loki

Unmistakably Barco Residential - precision engineering and manufacturing at its finest.



- Theater & Media Room Series
- 4K UHD Resolution (3,840 x 2,160)
- Laser Phosphor
- Up to 12,000 ANSI Lumens

Loki's alluring image quality is unmistakable, right from the very first encounter. Striking and assertive, his soul is a dual laser light engine, coupled to award-winning DLP technology and world-class optics.

Professional grade optics

By basing Loki's optical engine on a proven architecture, incorporating 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 detail within the darkest parts of the image are more visible.

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State of the art electronics

Thanks to our unique single step processing technology (SSPTM), Pulse electronics are designed to process 4K UHD, HDMI 2.0a, HDCP 2.2 and HDR10 signals with extremely low latency.

Loki uses the very latest 0.9" DMD DLP chipset, to display flawless 4K UHD (3,840 x 2,160 px) images on screen.

Laser light source

Outstanding image quality requires an exceptional light source, which is why Loki uses our brand-new dual laser engine which delivers up to 12,000 ANSI lumens output.

Alongside significantly improved image uniformity, lasers last longer than traditional projector lamps, offer great image quality consistency over their lifetime, are less fragile and offer near instant on/off performance.

Liquid cooling

Loki has departed from a pure fan based cooling system, opting instead for a liquid cooling PID regulation system. This combined with our simulation grade warp engine allows Balder to operate at any angle (free rotation), offering new possibilities when it comes to architectural integration.

Especificaciones del producto

LOKI

Especificaciones generales

Tipo de proyector	Single chip DLP
tecnología	0.9" DMD™
resolución	3,840 x 2,160 (4K UHD)
Relación de aspecto	1.78:1 (16:9)
Fuente de luz	Laser phosphor
Vida útil de la fuente de luz	20,000 - 60,000 hours Laser intensity dependent
Salida de luz	DCI (P3) Color Wheel: Up to 5,700 ANSI lumens T Color Wheel: Up to 8,500 ANSI lumens M Color Wheel: Up to 12,000 ANSI lumens
CLO (emisión constante de luz)	Yes
relación de contraste	1,800:1 Sequential 450:1 ANSI
brillo uniforme	>90%
Rango de objetivos	(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)
Cambio de objetivo de la lente	Up to 88% vertical lens shift & up to 38% horizontal lens shift (depending on lens selection) Visit the Barco Residential Lens Calculator for further information Download Lens & Airflow Data Here
Obturador óptico	Yes
Corrección del color	P7 RealColor™
Gama de colores	DCI (P3) Color Wheel: DCI P3 T Color Wheel: REC.709 M Color Wheel: REC.709
Procesamiento de imágenes	Embedded Warp & Blend Engine
WARP	4-Corner Warp & Bow Correction via Warp Engine
Orientación	360° Rotation
conexión de red	10/100 Ethernet via RJ45 connection
Servidor web integrado	Yes
Diagnósticos	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)
Resoluciones de entrada	From VGA up to 4K UHD (3,840 x 2,160) @ 60Hz or up to 2,560 x 1,600 @ 120Hz
Latencia	TBD
Control	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 alimentación	100 -240V / 50 -60Hz US Requires: 20A Service (NEMA 5-20P Plug Type)
consumo de potencia	2180 W -Maximum
BTU por hora	Max. 6,000 BTU/h
Modo de espera	Standby ECO Mode: 110v -0.78W (with LAN Connection) 230v -0.87W (with LAN Connection)

Especificaciones del producto

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Nivel de ruido (típico a 25 °C/77 °F)	38 dB(A)
Temperatura operativa	10 to 45 °C at Sea Level Optimal Set Point: 20 °C
Humedad operativa	20 to 80% (relative humidity)
Requisitos de flujo de aire	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
Flujo de aire de escape	193 ft ³ /min @ 25 °C 327 m ³ /hour @ 25 °C Download Lens & Airflow Data Here
dimensiones (ancho x largo x alto)	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
Dimensiones de embalaje (An. x L. x AL.)	Excluding Lens 720 x 910 x 630 mm 28.4 x 35.8 x 24.8 in.
Peso del paquete de envío	Excluding Lens 55 kg / 121.3 lbs
Accesorios estándar	Power Cord, Remote Control
Certificaciones	CE, FCC Class A and cCSAus
Requisitos de seguridad	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.
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.
Garantía	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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