

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.

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.

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.

기술 사양

LOKI

일반 사양	
프로젝터 유형	Single chip DLP
기술	0.9" DMD™
해상도	3,840 x 2,160 (4K UHD)
화면 비율	1.78:1 (16:9)
광원	Laser phosphor
광원 수명	20,000 - 60,000 hours Laser intensity dependent
광 출력	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(Constant Light Output)	Yes
명암비율	1,800:1 Sequential 450:1 ANSI
밝기 균일도	>90%
렌즈 범위	(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)
광학 렌즈범위	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
옵티컬 다운저	Yes
색 보정	P7 RealColor™
색 영역	DCI (P3) Color Wheel: DCI P3 T Color Wheel: REC.709 M Color Wheel: REC.709
영상 처리	Embedded Warp & Blend Engine
WARP	4-Corner Warp & Bow Correction via Warp Engine
방향	360° Rotation
네트워크 연결	10/100 Ethernet via RJ45 connection
통합 웹 서버	Yes
진단	via Prospector web interface
HDR	HDR10
3D	Active Stereoscopic 3D Additional hardware required please contact an authorized Barco representative for details

기술 사양**LOKI**

입력	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)
입력 해상도	From VGA up to 4K UHD (3,840 x 2,160) @ 60Hz or up to 2,560 x 1,600 @ 120Hz
지연	TBD
컨트롤	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.
전원 요구 사항	100 -240V / 50 -60Hz US Requires: 20A Service (NEMA 5-20P Plug Type)
전력 소비	2180 W -Maximum
시간당 BTU	Max. 6,000 BTU/h
대기 전력	Standby ECO Mode: 110v -0.78W (with LAN Connection) 230v -0.87W (with LAN Connection)
소음 수준 (25°C/77°F에서 일반적인 값)	38 dB(A)
작동 온도	10 to 45 °C at Sea Level Optimal Set Point: 20 °C
작동 습도	20 to 80% (relative humidity)
기류 요구 사항	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
배기량	193 ft ³ /min @ 25 °C 327 m ³ /hour @ 25 °C Download Lens & Airflow Data Here
크기(WxLxH)	Excluding Lens 577 x 738 x 304 mm 22.7 x 29.1 x 12 in.
무게	Excluding Lens 44.5 kg / 98.1 lbs

기술 사양**LOKI**

운송 크기(WxLxH)	Excluding Lens 720 x 910 x 630 mm 28.4 x 35.8 x 24.8 in.
적재중량	Excluding Lens 55 kg / 121.3 lbs
표준 액세서리	Power Cord, Remote Control
인증	CE, FCC Class A and cCSAus
안전 요구 사항	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.
보증	Limited 3 years parts and labor Extendable up to 5 years
*	Firmware upgradable Please contact an authorized Barco representative for details

작성일: 22 Jun 2023기술 사양은 예고 없이 변경될 수 있습니다. 최신 정보는 www.barco.com에서 확인하십시오.