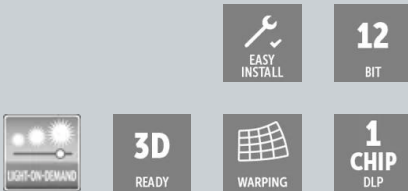# Bragi

Using Barco's renowned Pulse electronic and software platform, Bragi is powered by a revolutionary, new, high lumens density (HLD) RGB LED light engine.

EASY INSTALL | 12 BIT

LIGHT-ON-DEMAND | 3D READY | WARPING | 1 CHIP DLP

- **Theater Series**

- **4K UHD Resolution (3, 840 x 2,160)**

- **Solid State RGB LED**

- **Up to 2, 600 ANSI Lumens**

Bragi takes its name from an historical ninth-century poet. His poems were so outstandingly artful and moving that subsequent generations imagined that, upon his death, Odin had appointed him the court poet of Valhalla.

Bragi, being Balder's brother and inherits the same design philosophy, optical core and lenses.

State of the art electronics
Our Pulse electronics are built on a superior FPGA platform featuring a dual core processor on the industry's only 20 nm SoChave, with 96 transceiver lanes delivering 3.3Tbps of serial bandwidth.

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

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

LED Engine
Bragi uses a new optical engine, incorporating the best elements from previous models and combining them with new technologies, creating an even better optical engine.

Bragi's optical engine is not the only part that is redesigned, the light source is brand new, and this time it's not laser.

BARCO

The light source uses the very latest high lumens density (HLD),
 LED illumination technology.

HLD LED is unique in that it works around the 'law of etendue'
 (a property of light in an optical system, which characterizes how "spread out"
 the light is in area and angle...)
 to deliver a superb color experience and incredible brightness while enabling ne
w levels of resolution.

RealColor

Combining HLD LED illumination with regular LED colors which appear more satu
rated, the human eye is tricked to interpret this as richer,
 brighter colors than they are physically measured.
 Bragi also includes a motorized DCI/P3 filter for improved HDR color accuracy.

Additionally, Barco'
s RealColor processing enables simple and accurate calibration to your desired co
lor gamut or white point.

기술 사양	BRAGI
일반 사양	
프로젝터 유형	Single chip DLP
기술	0.9" DMD™
해상도	3,840 x 2,160 (4K UHD)
화면 비율	1.78:1
광원	Solid State RGB LED
광원 수명	Up to 50,000 hours * Brightness mode dependent
광 출력	Up to 2,600 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 다우저	Yes
색 보정	P7 RealColor™
색 영역	REC.709 DCI (P3) via internal filter
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
입력	1 x HDMI^{TM} 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
전력 소비	570 W -Max
시간당 **BTU**	1,945 BTU/h -Max

기술 사양	BRAGI
소음 수준 (25°C/77°F에서 일반적인 값)	30 -33 dB(A) Max.
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: 25cm Rear: 25cm Top: 1cm
배기량	58 ft^3/min @ 22.9 °C 99 m^3/hour @ 22.9 °C Download Lens & Airflow Data Here
크기(WxLxH)	Excluding lens 450 x 482 x 255 mm 17.7 x 19 x 10 in.
무게	Excluding lens 21.5 kg / 47.4 lbs
물품 크기	Excluding lens 464 x 679 x 773 mm 18.27 x 26.7 x 30.4 in
적재중량	TBC
표준 액세서리	Power Cord, Remote Control
인증	CE, FCC Class A and cCSAus
보증	Limited 3 years parts and labor Extendable up to 5 years
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.
*	* Service required following 20,000 hours use Please contact an authorized Barco representative for details