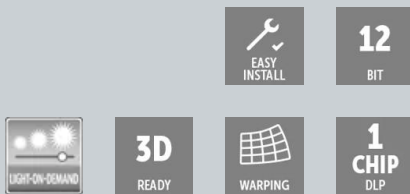# Bragi CinemaScope

Using Barco's renowned Pulse electronic and software platform, Bragi CinemaScope 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**

- **5K UHD Resolution (5, 120 x 2,160)**

- **Solid State RGB LED**

- **Up to 2, 200 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.

Professional grade optics

By basing Bragi Cinemascope's optical engine on its bigger brother Balder Cinemascope's architecture, incorporating custom designed aspherical glass elements and enhanced low dispersion glass lenses, image quality is in a class of its own.

Topping that, Bragi's chassis and core are built from aluminium and magnesium, which offer exceptional robustness, resulting in the best picture quality ever shown at this level.

State of the art electronics

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

Bragi CinemaScope uses the very latest 0.9" DMD DLP chipset, to display flawless 5K UHD (5,120 × 2,160 px), 2.37:1 aspect ratio images on screen.

BARCO

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 (letterboxing) is removed, preserving the subtitles at the foot of the image.

Colors

Combining HLD LED illumination with regular LED colors which appear more saturated, 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 color gamut or white point.

技術仕様	BRAGI CINEMASCOPE
一般仕様	
プロジェクタータイプ	Single chip DLP
光源寿命	Up to 50,000 hours * Brightness mode dependent
CLO（定常光出力）	Yes
光学ダウザー	Yes
テクノロジー	0.9" DMD™
統合ウェブサーバー	Yes
解像度	5,120 x 2,160 (5K UHD)
診断	via Prospector web interface
アスペクト比	2.37:1 (CinemaScope)
光源	Solid State RGB LED
光出力	Up to 2,200 ANSI Lumens
コントラスト比	1,800:1 Sequential 450:1 ANSI
明るさの均一性	>90%
入力解像度	From VGA up to 4K UHD (3,840 x 2,160) @ 60Hz or up to 2,560 x 1,600 @ 120Hz
レンズの範囲	(R9802232) -EN68 (0.30:1) -Periscope Lens (requires vertical installation) (R9801832) -FLDX UST (0.41:1) -90° Lens (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)
レイテンシー	TBD
光学レンズシフト	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
色補正	P7 RealColor™
色域	REC.709 DCI (P3) via internal filter
画像処理	Embedded Warp & Blend Engine
WARP	4-Corner Warp & Bow Correction via Warp Engine
向き	360° Rotation
ネットワーク接続	10/100 Ethernet via RJ45 connection
動作湿度	20 to 80% (relative humidity)
HDR	HDR10
3D	Active Stereoscopic 3D Additional hardware required please contact an authorized Barco representative for details
入力	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)

技術仕様	BRAGI CINEMASCOPE
出荷寸法	Excluding Lens 464 x 679 x 773 mm 18.27 x 26.7 x 30.4 in
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.
出荷重量	TBC
電源要件	100 -240V / 50 -60Hz
標準付属品	Power Cord, Remote Control
証明書	CE, FCC Class A and cCSAus
消費電力	570 W -Max
騒音レベル（25℃/77°Fの標準値）	30 -33 dB(A) Max.
24時間365日の稼働に対応	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.
動作温度	10 to 45 ℃ at Sea Level Optimal Set Point: 20 ℃
*	* Service required following 20,000 hours use Please contact an authorized Barco representative for details
BTU/時	1,945 BTU/h -Max
エアフロー要件	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
排気エアフロー	58 ft^3/min @ 22.9 ℃ 99 m^3/hour @ 22.9 ℃ Download Lens & Airflow Data Here
寸法（幅x奥行きx高さ）	Excluding Lens 450 x 482 x 255 mm 17.7 x 19 x 10 in.
重量	Excluding Lens 21.5 kg / 47.4 lbs
保証	Limited 3 years parts and labor Extendable up to 5 years

www.barco.com

BARCO