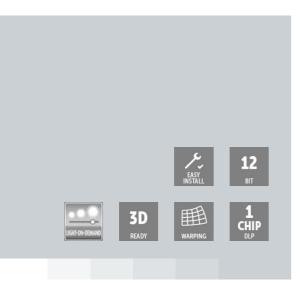# Bragi CinemaScope

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, HDMITM 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 x 2,160 px), 2.37:1 aspect ratio images on screen.

CinemaScope
Our unique aspect ratio detection system, automatically crops and scales

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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.

Especificaciones del producto	BRAGI CINEMASCOPE
Especificaciones generales	
Tipo de proyector	Single chip DLP
tecnología	0.9" DMD™
resolución	5,120 x 2,160 (5K UHD)
Relación de aspecto	2.37:1 (CinemaScope)
Fuente de luz	Solid State RGB LED
Vida útil de la fuente de luz	Up to 50,000 hours * Brightness mode dependent
Salida de luz	Up to 2,200 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 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 óptico	Yes
Corrección del color	P7 RealColor™
Gama de colores	REC.709 DCI (P3) via internal filter
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)

Especificaciones del producto	BRAGI CINEMASCOPE
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
consumo de potencia	570 W -Max
Nivel de ruido (típico a 25 °C/77 °F)	30 -33 dB(A) Max.
Temperatura operativa	10 to 45 °C at Sea Level Optimal Set Point: 20 °C
Humedad operativa	20 to 80% (relative humidity)
BTU por hora	1,945 BTU/h -Max
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: 25cm Rear: 25cm Top: 1cm
Flujo de aire de escape	58 ft^3/min @ 22.9 °C 99 m^3/hour @ 22.9 °C Download Lens & Airflow Data Here
dimensiones (ancho x largo x alto)	Excluding Lens 450 x 482 x 255 mm 17.7 x 19 x 10 in.
peso	Excluding Lens 21.5 kg / 47.4 lbs
Dimensiones de embalaje	Excluding Lens 464 x 679 x 773 mm 18.27 x 26.7 x 30.4 in
Peso del paquete de envío	TBC
Accesorios estándar	Power Cord, Remote Control
Certificaciones	CE, FCC Class A and cCSAus
Garantía	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

Generado en: 27 Mar 2024

Las especificaciones técnicas pueden estar sujetas a cambios sin previo aviso. Consulte www.barco.com para obtener la información más actual.