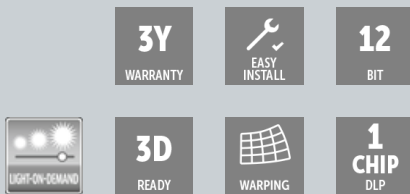


Bragi CinemaScope

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.



- 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 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 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.

SPECIFICHE TECNICHE**BRAGI CINEMASCOPE**

Tipo di proiettore	Single chip DLP
Tecnologia	0.9" DMD™
Risoluzione	5,120 x 2,160 (5K UHD)
Proporzioni	2.37:1 (CinemaScope)
Sorgente luminosa	Solid State RGB LED
Durata sorgente luminosa	Up to 50,000 hours * Brightness mode dependent
Emissione luminosa	Up to 2,200 ANSI Lumens
CLO (Constant Light Output)	Yes
Rapporto di contrasto	1,800:1 Sequential 450:1 ANSI
Uniformità della luminosità	>90%
Intervallo obiettivo	(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)
Spostamento obiettivo ottico	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
Schermo paraluce ottico	Yes
Correzione del colore	P7 RealColor™
Gamma di colori	REC.709 DCI (P3) via internal filter
Elaborazione delle immagini	Embedded Warp & Blend Engine
WARP	4-Corner Warp & Bow Correction via Warp Engine
Orientazione	360° Rotation
Connessione in rete	10/100 Ethernet via RJ45 connection
Server web integrato	Yes
Diagnostica	via Prospector web interface
HDR	HDR10
3D	Active Stereoscopic 3D Additional hardware required please contact an authorized Barco representative for details
Ingressi	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)

SPECIFICHE TECNICHE**BRAGI CINEMASCOPE**

Risoluzioni in ingresso	From VGA up to 4K UHD (3,840 x 2,160) @ 60Hz or up to 2,560 x 1,600 @ 120Hz
Latenza	TBD
Controllo	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.
Requisiti di alimentazione	100 -240V / 50 -60Hz
Consumo energetico	570 W -Max
Livello di rumore (tipico a 25°C/77°F)	30 -33 dB(A) Max.
Intervallo temperature in funzionamento	10 to 45 °C at Sea Level Optimal Set Point: 20 °C
Umidità in funzionamento	20 to 80% (relative humidity)
BTU per ora	1,945 BTU/h -Max
Requisiti per flusso d'aria	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
Ventilazione di scarico	58 ft ³ /min @ 22.9 °C 99 m ³ /hour @ 22.9 °C Download Lens & Airflow Data Here
Dimensioni (PXLXA)	Excluding Lens 450 x 482 x 255 mm 17.7 x 19 x 10 in.
Peso	Excluding Lens 21.5 kg / 47.4 lbs
Dimensioni con imballo	Excluding Lens 464 x 679 x 773 mm 18.27 x 26.7 x 30.4 in
Peso con imballo	TBC
Accessori standard	Power Cord, Remote Control
Certificazioni	CE, FCC Class A and cCSAus
Garanzia	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

Generato il: 16 Aug 2022

Le informazioni e i dati forniti riguardano l'apparecchiatura descritta. Tuttavia ogni singolo articolo è soggetto a modifiche senza preavviso.
L'ultima versione di questo opuscolo è disponibile all'indirizzo www.barco.com.