

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, 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



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.

Spécifications techniques

BRAGI CINEMASCOPE

| Spécifications générales | |
|--|--|
| Type de projecteur | Single chip DLP |
| Technologie | 0.9" DMD™ |
| Résolution | 5,120 x 2,160 (5K UHD) |
| Rapport d'aspect | 2.37:1 (CinemaScope) |
| Source lumineuse | Solid State RGB LED |
| Durée de vie de la source lumineuse | Up to 50,000 hours * Brightness mode dependent |
| Luminosité | Up to 2,200 ANSI Lumens |
| CLO (constant light output/sortie lumineuse constante) | Yes |
| Taux de contraste | 1,800:1 Sequential 450:1 ANSI |
| Uniformité de la luminosité | >90% |
| Gamme de lentilles | (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) |
| Décalage de la lentille optique | 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 |
| Coupe-flux optique | Yes |
| Correction des couleurs | P7 RealColor™ |
| Gamme de couleurs | REC.709 DCI (P3) via internal filter |
| Traitement des images | Embedded Warp & Blend Engine |
| WARP | 4-Corner Warp & Bow Correction via Warp Engine |
| Orientation | 360° Rotation |
| Connexion réseau | 10/100 Ethernet via RJ45 connection |
| Serveur web intégré | Yes |
| Diagnostics | via Prospector web interface |
| HDR | HDR10 |
| 3D | Active Stereoscopic 3D Additional hardware required please contact an authorized Barco representative for details |
| Entrées | 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) |
| Résolutions en entrée | From VGA up to 4K UHD (3,840 x 2,160) @ 60Hz or up to 2,560 x 1,600 @ 120Hz |
| Latence | TBD |
| Contrôle | 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. |
| Alimentation électrique | 100 -240V / 50 -60Hz |
| Consommation électrique | 570 W -Max |
| Niveau sonore (habituel à 25 °C/77 °F) | 30 -33 dB(A) Max. |
| Température de fonctionnement | 10 to 45 °C at Sea Level Optimal Set Point: 20 °C |
| Humidité (fonctionnement) | 20 to 80% (relative humidity) |
| BTU par heure | 1,945 BTU/h -Max |
| Configuration minimale en matière de circulation d'air | 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 |

Spécifications techniques**BRAGI CINEMASCOPE**

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|---------------------------|---|
| Flux d'air évacué | 58 ft ³ /min @ 22.9 °C 99 m ³ /hour @ 22.9 °C Download Lens & Airflow Data Here |
| Dimensions (L x L x H) | Excluding Lens 450 x 482 x 255 mm 17.7 x 19 x 10 in. |
| Poids | Excluding Lens 21.5 kg / 47.4 lbs |
| Dimensions à l'expédition | Excluding Lens 464 x 679 x 773 mm 18.27 x 26.7 x 30.4 in |
| Poids à l'expédition | TBC |
| Accessoires standard | Power Cord, Remote Control |
| Certifications | CE, FCC Class A and cCSAus |
| Garantie | 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 |

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Les spécifications techniques sont susceptibles d'être modifiées sans préavis. Veuillez consulter les dernières informations disponibles sur www.barco.com.