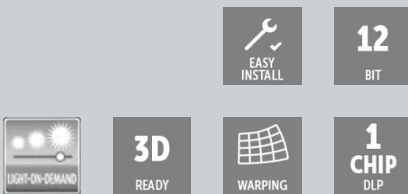


# Bragi

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



- 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 SoC, 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, HDMI™ 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 x 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. 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 new levels of resolution.

### **RealColor**

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

### Spécifications générales

Type de projecteur	Single chip DLP
Durée de vie de la source lumineuse	Up to 50,000 hours * Brightness mode dependent
CLO (rendement lumineux constant)	Yes
Coupe-flux optique	Yes
Technologie	0.9" DMD™
Serveur Web intégré	Yes
Résolution	3,840 x 2,160 (4K UHD)
Diagnostic	via Projector web interface
Rapport d'aspect	1.78:1
Source de lumière	Solid State RGB LED
Luminosité	Up to 2,600 ANSI Lumens
Rapport de contraste	1,800:1 Sequential 450:1 ANSI
Uniformité de la luminosité	>90%
Résolutions d'entrée	From VGA up to 4K UHD (3,840 x 2,160) @ 60Hz or up to 2,560 x 1,600 @ 120Hz
Gamme de lentilles	(R9802232) -EN68 (0.30:1) -Penscope 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)
Latence	TBD
Décalage de lentille optique	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
Correction de couleur	P7 RealColor™
Espace colorimétrique	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
HDR	HDR10
3D	Active Stereoscopic 3D Additional hardware required please contact an authorized Barco representative for details
Entrées	1 x HDMI/M 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)
Dimensions de l'envoi	Excluding lens 464 x 679 x 773 mm 18.27 x 26.7 x 30.4 in
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.
Poids d'expédition	TBC
Consommation d'énergie requise	100 -240V / 50 -60Hz
Accessoires standards	Power Cord, Remote Control
Certifications	CE, FCC Class A and cCSAus
Consommation électrique	570 W -Max
Niveau sonore (typique à 25 °C)	30 -33 dB(A) Max
Fonctionnement 24h/7j	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.
Température de fonctionnement	10 to 45 °C at Sea Level Optimal Set Point: 20 °C
Humidité opérationnelle	20 to 80% (relative humidity)
*	* Service required following 20,000 hours use Please contact an authorized Barco representative for details
BTU par heure	1,945 BTU/h -Max
Exigences en matière de débit 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
Débit d'air d'échappement	58 ft <sup>3</sup> /min @ 22.9 °C 99 m <sup>3</sup> /hour @ 22.9 °C Download Lens & Airflow Data Here
Dimensions (P 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
Garantie	Limited 3 years parts and labor Extendable up to 5 years

Crée le : 22 Jan 2025

© 2025 Barco nv. Tous droits réservés. La reproduction partielle ou intégrale sans autorisation écrite préalable est interdite. Les noms de marques ou de produits sont des marques commerciales, des marques déposées ou des appellations commerciales appartenant à leurs détenteurs respectifs. Pour des raisons d'innovation continue, les informations et les caractéristiques techniques sont susceptibles d'être modifiées sans préavis. Veuillez consulter [www.barco.com](http://www.barco.com) pour les dernières spécifications.