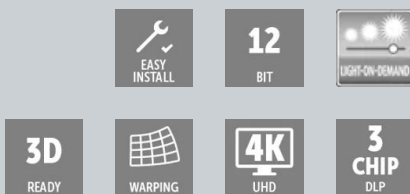


# Njord Cinemascope

Njord Cinemascope has a pleasing calm uniform image and is designed for large screens or high ambient light environments.



- Theater & Media Room Series
- 5K UHD Resolution (5,120 x 2,160)
- 3-Chip DLP
- Up to 9,000 ANSI Lumens

Njord Cinemascope inherits everything from Njord except the aspect ratio, Njord Cinemascope's high-capacity 2.37:1 aspect DLP engine. Its exceptional design allows a cinemascope film to be shown without requiring an anamorphic lens. The light source and optical engine are completely redesigned, made smaller, more efficient, and most importantly optimized for perfect cinematic colors compared to the older model Wodan.

Our Njord Cineascope features a pleasing and uniform image with the power light up large cinemascope screens, whilst delivering an unbelievably detailed image with spectacular color fidelity for an unmatched experience that will delight even the most discerning clients.

## Single Step Processing SSP™

Pulse is a hardware and software based platform that simplifies the signal allowing it to transmit from source to screen much faster and more efficiently. We use an advanced image processing technique to display the image on the screen without any artefacts and with the lowest possible processing lag (

## State of the art electronics

All new Pulse electronics have been designed to process 4K with HDMI™ 2.0a and HDCP 2.2 and the optical engine utilises the very latest 0.9" DMD DLP chipset, delivering 5,120 x 2,160 pixels to screen. Njord CS also features HDR, motorised lenses and Barco's unique RealColor processing, enables simple and accurate calibration to any desired color standard or white point.



### Building Blocks

Njord Cinemascope offers 5K UHD resolution (5,120 x 2,160) for superb image quality. Thanks to its modular design of only five building blocks, Njord CS is easy to service. Njord CS is the most compact and rugged cinemascope projector offering 9,000 lumens light output currently available.

### Laser Light Source

Outstanding image quality also requires an exceptional light source which is why we designed Njord CS with a brand new laser engine, significantly improving image uniformity (95%) over its predecessor. Njord CS uses custom selected lasers to secure that we can deliver DCI/P3 color gamut.

Lasers last longer than traditional projector lamps, are not as fragile and offer nearly instant on/off.

## Spécifications techniques

## NJORD CINEMASCOPE

### Spécifications générales

|                                     |   |
|-------------------------------------|---|
| Type de projecteur                  | Three chip DLP  |
| Durée de vie de la source lumineuse | Up to 20,000  |
| CLO (rendement lumineux constant)   | Yes   |
| Coupe-flux optique                  | Yes   |
| Technologie                         | 3 x 0.90" DMD™ with sealed core   |
| Serveur Web intégré                 | Yes   |
| Résolution                          | 5120 x 2,160 (5K UHD)   |
| Diagnostic                          | via Prospector web interface  |
| Rapport d'aspect                    | 2.37:1 (CinemaScope)  |
| Source de lumière                   | Laser phosphor  |
| Luminosité                          | Up to 9,000 ANSI Lumens Dimable to 4,000 lumens NOTE: Up to 6,940 ANSI Lumens @ 110v  |
| Rapport de contraste                | 20,000:1 (with DynaBlack enabled), 2,000:1 Sequential 600:1 ANSI  |
| Uniformité de la luminosité         | >90%  |
| Résolutions d'entrée                | HDMI™:<br>Up to 4,096 x 2,160 @ 24/25/30/50/60Hz<br><br>DisplayPort (Single Input):<br>Up to 4,096 x 2,160 @ 24/30/50/60Hz<br><br>via Optional Quad DP1.2 Input Card<br><br>DisplayPort (Layout Mode: 2 x 2) *:<br>Up to 1,920 x 1,080 @ 120Hz<br>Up to 2,048 x 1,080 @ 120Hz<br><br>DisplayPort (Layout Mode: 4 x 1) *:<br>Up to 960 x 2,160 @ 120Hz<br><br>* Specialist GFX cards may be required |
| Gamme de lentilles                  | (R9801661) -TLD+ (0.41:1) -90 Degree Lens<br>(R9862001) -TLD+ (0.73 -0.94:1) -90 Degree Lens<br>(R9801414) -TLD+ (0.92 -1.33:1)<br>(R9862005) -TLD+ (1.24 -1.56:1)<br>(R9862010) -TLD+ (1.49 -2.02:1) *<br>(R9862020) -TLD+ (2.01 -2.76:1) *<br>(R9862030) -TLD+ (2.69 -4.41:1) *<br>(R9862040) -TLD+ (4.37 -7.35:1) *<br>(R9829997) -TLD+ (6.95 -10.83:1)<br>* Standard Lens Option(s)             |
| Latence                             | TBD   |
| Décalage de lentille optique        | Up to 97% shift & up to 28% horizontal lens shift (depending on lens selection)<br><br>Visit the Barco Residential Lens Calculator for further information<br><a href="#">Download Lens &amp; Airflow Data Here</a>   |
| Correction de couleur               | P7 RealColor™   |
| Espace colorimétrique               | Up to DCI (P3)  |
| 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   |
| Humidité de fonctionnement          | 0 to 80% (relative humidity)  |
| 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) 2 x HDBaseT (HDCP 1.4 -9Gbps only) 1 x Display Port 1.2 Quad 3G / 12G SDI / BarcoLink 1 x RJ45 Ethernet 1 x RS232 1 x USB 2 x DMX (1 x Input / 1 x Output) 1 x XLR for Wired Remote 2 x 3D Sync (1 x Input / 1 x Output) Optional Upgrade: Quad DP1.2  |
| Contrôle                            | IR, RS232, IP, 12v Trigger<br>Driver modules available for: Crestron, Control4, RTI & Savant WiFi (Optional), XLR Wired Remote, GSM (Optional)  |
| Dimensions de l'envoi (P x L x H)   | Including Pallet -Excluding Lens (Packaged Separately)<br>850 x 665 x 613 mm<br>33.46 x 26.18 x 24.13 in.   |
| Poids d'expédition                  | TBD   |
| Consommation d'énergie requise      | 110 -130V / 200 -240V / 50 -60Hz  |
| Accessoires standards               | Power Card / Remote control   |
| Certifications                      | CE, FCC Class A and cCSAus  |
| Consommation électrique             | 1,723 W Max   |

## Spécifications techniques

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|                                     |   |
|-------------------------------------|---|
| Niveau sonore (typique à 25 °C)     | 43 dB(A)  |
| Température de fonctionnement       | 0 to 40 °C at Sea Level<br>Optimal Set Point: 20 °C   |
| *                                   | Firmware upgradable<br>Please contact an authorized Barco representative for details  |
| BTU par heure                       | Max. 5,876 BTU/h @ 200 -240V<br>Max. 4,811 BTU/h @ 110 -130V  |
| Exigences en matière de débit d'air | Air Inlet (from Rear w/Feet Down): Front / Top / Right<br>Exhaust (from Rear w/Feet Down): Rear Clearance Requirements:<br>Front: 40cm<br>Left: 1cm<br>Right: 40cm<br>Rear: 40cm<br>Top: 40cm |
| Débit d'air d'échappement           | 152 ft <sup>3</sup> /min @ 25 °C<br>258 m <sup>3</sup> /hour @ 25 °C <a href="#">Download Lens &amp; Airflow Data Here</a>  |
| Dimensions (P x L x H)              | Excluding Lens<br>850 x 665 x 613 mm<br>33.46 x 26.18 x 24.13 in.   |
| Poids                               | Excluding Lens<br>48kg / 105bs  |
| Garantie                            | Limited 3 years parts and labor<br>Extendable up to 5 years   |
| Exigences de sécurité               | This projector may become Risk Group 3 (RG3) when an interchangeable lens with throw ratio greater than 2.3 is installed. Refer to the installation manual for further information.           |

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