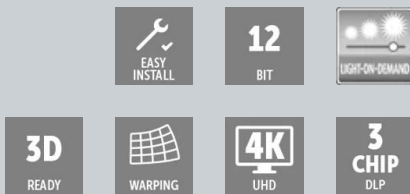


# Njord Cinemascope

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 (<20ms with all image processing), this is made possible by our Single Step Processing (SSP™).

## State of the art electronics

All new Pulse electronics have been designed to process 4K with HDMITM 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.

## Технические характеристики

## NJORD CINEMASCOPE

Общие характеристики	
Тип проектора	Three chip DLP
Технология	3 x 0.90" DMD™ with sealed core
Разрешение	5120 x 2,160 (5K UHD)
Форматное соотношение	2.37:1 (CinemaScope)
Источник света	Laser phosphor
Срок эксплуатации ЖКИ	Up to 20,000
Светоотдача	Up to 9,000 ANSI Lumens Dimable to 4,000 lumens  NOTE: Up to 6,940 ANSI Lumens @ 110v
CLO (постоянная светоотдача)	Yes
Уровень контрастности	20,000:1 (with DynaBlack enabled) 2,000:1 Sequential 600:1 ANSI
Однородность яркости	>90%
Диапазон объективов	(R9801661) -TLD+ (0.41:1) -90 Degree Lens (R9862001) -TLD+ (0.73 - 0.94:1) -90 Degree Lens (R9801414) -TLD+ (0.92 - 1.33:1) (R9862005 ) -TLD+ (1.24 - 1.56:1) (R9862010) -TLD+ (1.49 - 2.02:1) * (R9862020) -TLD+ (2.01 - 2.76:1) * (R9862030) -TLD+ (2.69 - 4.41:1) * (R9862040) -TLD+ (4.37 - 7.35:1) * (R9829997) -TLD+ (6.95 - 10.83:1)  * Standard Lens Option(s)
Сдвиг оптической линзы	Up to 97% shift up, 76% down, & up to 28% horizontal lens shift (depending on lens selection) Visit the Barco Residential Lens Calculator for further information <a href="#">Download Lens &amp; Airflow Data Here</a>
Оптический затемнитель	Yes
Коррекция цвета	P7 RealColor™
Цветовая гамма	Up to DCI (P3)
Обработка изображений	Embedded Warp & Blend Engine
WARP	4-Corner Warp & Bow Correction via Warp Engine
Ориентация	360° Rotation
Соединение сети	10/100 Ethernet via RJ45 connection
Встроенный веб-сервер	Yes
Диагностика	via Prospector web interface
HDR	HDR10
3D	Active Stereoscopic 3D Additional hardware required please contact an authorized Barco representative for details

**Технические характеристики****NJORD CINEMASCOPE**

<b>Входы</b>	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
<b>Разрешения входного сигнала</b>	HDMI™: Up to 4,096 x 2,160 @ 24/25/30/50/60Hz  DisplayPort (Single Input): Up to 4,096 x 2,160 @ 24/30/50/60Hz  via Optional Quad DP1.2 Input Card  DisplayPort (Layout Mode: 2 x 2) *: Up to 1,920 x 1,080 @ 120Hz Up to 2,048 x 1,080 @ 120Hz  DisplayPort (Layout Mode: 4 x 1) *: Up to 960 x 2,160 @ 120Hz  * Specialist GFX cards may be required
<b>Задержка</b>	TBD
<b>Контроль</b>	IR, RS232, IP, 12v Trigger Driver modules available for: Crestron, Control4, RTI & Savant  WiFi (Optional), XLR Wired Remote, GSM (Optional)
<b>Требования к источнику питания</b>	110 -130V / 200 -240V / 50 -60Hz
<b>Энергопотребление</b>	110V: 1,347W Max, measured in 20-25°C / 68-77°F  230V: 1720W Max 20-25°C / 68-77°F  Power consumption will increase if ambient temperatures increases above 25°C / 77°F
<b>Уровень шума (номинал при 25 °C / 77 °F)</b>	46 dB(A)
<b>Рабочая температура</b>	0 to 40 °C at Sea Level Optimal Set Point: 20 °C
<b>Влажность при эксплуатации</b>	0 to 80% (relative humidity)
<b>БТЕ/ч</b>	Max. 5,875 BTU/h @ 200 -240V Max. 4,599 BTU/h @ 110 -130V
<b>Требования к воздушному потоку</b>	Air Inlet (from Rear w/Feet Down): Front / Top / Right Exhaust (from Rear w/Feet Down): Rear  Clearance Requirements: Front: 40cm Left: 1cm Right: 40cm Rear: 40cm Top: 40cm

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<b>Поток отсасываемого воздуха</b>	152 ft <sup>3</sup> /min @ 25 °C 258 m <sup>3</sup> /hour @ 25 °C  Download Lens & Airflow Data Here
<b>Габариты (WxLxH)</b>	Excluding Lens 540 x 725 x 355 mm 21.26 x 28.54 x 14 in.
<b>Вес</b>	Excluding Lens 48kg / 105bs
<b>Размеры в состоянии поставки (Ш x Д x В)</b>	Including Pallet -Excluding Lens (Packaged Separately) 850 x 665 x 613 mm 33.46 x 26.18 x 24.13 in.
<b>Shipping weight</b>	TBD
<b>Стандартные аксессуары</b>	Power Cord / Remote Control
<b>Сертификаты</b>	CE, FCC Class A and cCSAus
<b>Требования к безопасности</b>	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.
<b>Гарантия</b>	Limited 3 years parts and labor Extendable up to 5 years
<b>*</b>	Firmware upgradable Please contact an authorized Barco representative for details

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Технические характеристики могут изменяться без предварительного уведомления. Для получения самой последней информации посетите веб-сайт [www.barco.com](http://www.barco.com).