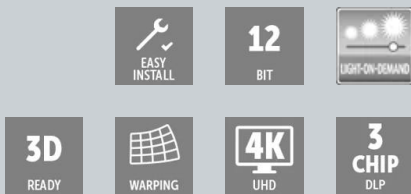


# Njord Cinemascope

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 Cinemascope 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 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, enabling 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.

**技术规格****NJORD CINEMASCOPE**

一般规格	
投影机类型	Three chip DLP
技术	3 x 0.90" DMD™ with sealed core
分辨率	5120 x 2,160 (5K UHD)
宽高比	2.37:1 (CinemaScope)
光源	Laser phosphor
光源使用期限	Up to 20,000
光输出	Up to 9,000 ANSI Lumens Dimable to 4,000 lumens  NOTE: Up to 6,940 ANSI Lumens @ 110v
CLO (稳定光输出)	Yes
对比度	20,000:1 (with DynaBlack enabled) 2,000:1 Sequential 600:1 ANSI
亮度均匀性	>90%
透镜范围	(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)
光学镜片移动	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>
挡光板	Yes
色彩纠正	P7 RealColor™
色阶度	Up to DCI (P3)
图像处理	Embedded Warp & Blend Engine
WARP	4-Corner Warp & Bow Correction via Warp Engine
安装角度	360° Rotation
网络连接	10/100 Ethernet via RJ45 connection
集成网络服务器	Yes
诊断	via Prospector web interface
HDR	HDR10
3D	Active Stereoscopic 3D Additional hardware required please contact an authorized Barco representative for details

**技术规格****NJORD CINEMASCOPE**

输入	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
输入分辨率	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
延迟	TBD
控制	IR, RS232, IP, 12v Trigger Driver modules available for: Crestron, Control4, RTI & Savant  WiFi (Optional), XLR Wired Remote, GSM (Optional)
电力要求	110 -130V / 200 -240V / 50 -60Hz
功率消耗	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
噪音级别 (典型, 25°C/77°F时)	46 dB(A)
工作温度	0 to 40 °C at Sea Level Optimal Set Point: 20 °C
工作湿度	0 to 80% (relative humidity)
每小时BTU	Max. 5,875 BTU/h @ 200 -240V Max. 4,599 BTU/h @ 110 -130V

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气流要求	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
排风量	152 ft <sup>3</sup> /min @ 25 °C 258 m <sup>3</sup> /hour @ 25 °C  Download Lens & Airflow Data Here
尺寸(宽x长x高)	Excluding Lens 540 x 725 x 355 mm 21.26 x 28.54 x 14 in.
净重	Excluding Lens 48kg / 105bs
运输尺寸 (宽x长x高)	Including Pallet -Excluding Lens (Packaged Separately) 850 x 665 x 613 mm 33.46 x 26.18 x 24.13 in.
毛重	TBD
标准配件	Power Cord / Remote Control
认证	CE, FCC Class A and cCSAus
安全要求	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.
保修期	Limited 3 years parts and labor Extendable up to 5 years
*	Firmware upgradable Please contact an authorized Barco representative for details

生成于: 27 Mar 2024

技术规格随时变化, 不会事先通知。请访问[www.barco.com.cn](http://www.barco.com.cn), 获取更新信息。