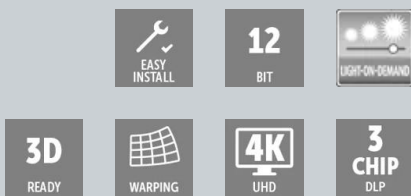


Njord Cinemascope

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.

기술 사양

NJORD CINEMASCOPE

일반 사양	
프로젝터 유형	Three chip DLP
기술	3 x 0.90" DMD™ with sealed core
해상도	5120 x 2,160 (5K UHD)
화면 비율	2.37:1 (CinemaScope)
광원	Laser phosphor
광원 수명	Up to 20,000
광 출력	Up to 9,000 ANSI Lumens Dimable to 4,000 lumens NOTE: Up to 6,940 ANSI Lumens @ 110v
CLO(Constant Light Output)	Yes
명암비율	20,000:1 (with DynaBlack enabled) 2,000:1 Sequential 600:1 ANSI
밝기 균일도	>90%
렌즈 범위	(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)
광학 렌즈범위	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 Download Lens & Airflow Data Here
옵티컬 다우저	Yes
색 보정	P7 RealColor™
색 영역	Up to DCI (P3)
영상 처리	Embedded Warp & Blend Engine
WARP	4-Corner Warp & Bow Correction via Warp Engine
방향	360° Rotation
네트워크 연결	10/100 Ethernet via RJ45 connection
통합 웹 서버	Yes
진단	via Prospector web interface
HDR	HDR10
3D	Active Stereoscopic 3D Additional hardware required please contact an authorized Barco representative for details

기술 사양**NJORD CINEMASCOPE**

입력	<p>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</p> <p>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)</p> <p>Optional Upgrade: Quad DP1.2</p>
입력 해상도	<p>HDMI™: Up to 4,096 x 2,160 @ 24/25/30/50/60Hz</p> <p>DisplayPort (Single Input): Up to 4,096 x 2,160 @ 24/30/50/60Hz</p> <p>via Optional Quad DP1.2 Input Card</p> <p>DisplayPort (Layout Mode: 2 x 2) *: Up to 1,920 x 1,080 @ 120Hz Up to 2,048 x 1,080 @ 120Hz</p> <p>DisplayPort (Layout Mode: 4 x 1) *: Up to 960 x 2,160 @ 120Hz</p> <p>* Specialist GFX cards may be required</p>
자연	TBD
컨트롤	<p>IR, RS232, IP, 12v Trigger Driver modules available for: Crestron, Control4, RTI & Savant</p> <p>WiFi (Optional), XLR Wired Remote, GSM (Optional)</p>
전원 요구 사항	110 -130V / 200 -240V / 50 -60Hz
전력 소비	<p>110V: 1,347W Max, measured in 20-25°C / 68-77°F</p> <p>230V: 1720W Max 20-25°C / 68-77°F</p> <p>Power consumption will increase if ambient temperatures increases above 25°C / 77°F</p>
소음 수준 (25°C/77°F에서 일반적인 값)	46 dB(A)
작동 온도	<p>0 to 40 °C at Sea Level Optimal Set Point: 20 °C</p>
작동 습도	0 to 80% (relative humidity)
시간당 BTU	<p>Max. 5,875 BTU/h @ 200 -240V Max. 4,599 BTU/h @ 110 -130V</p>

기술 사양**NJORD CINEMASCOPE**

기류 요구 사항	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
배기량	152 ft ³ /min @ 25 °C 258 m ³ /hour @ 25 °C Download Lens & Airflow Data Here
크기(WxLxH)	Excluding Lens 540 x 725 x 355 mm 21.26 x 28.54 x 14 in.
무게	Excluding Lens 48kg / 105bs
운송 크기(WxLxH)	Including Pallet -Excluding Lens (Packaged Separately) 850 x 665 x 613 mm 33.46 x 26.18 x 24.13 in.
적재중량	TBD
표준 액세서리	Power Cord / Remote Control
인증	CE, FCC Class A and cCSAus
안전 요구 사항	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.
보증	Limited 3 years parts and labor Extendable up to 5 years
*	Firmware upgradable Please contact an authorized Barco representative for details

작성일: 27 Mar 2024기술 사양은 예고 없이 변경될 수 있습니다. 최신 정보는 www.barco.com에서 확인하십시오.