

Barco QDX-N4K25

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The Barco QDX-N4K25 3D laser DLP projector has 21,000 ANSI lumens, a contrast ratio of 2200:1 full field, and a UHD (4K2K+) 3840 x 2400 resolution. The manufacturer specifies a laser lifetime of 20,000 hours, which would be over 13.7 years if viewed for 4 hours a day. The projector also offers a lens shift function for flexible projection adjustment without loss of quality. The projector can illuminate an image width of 1582 cm well. The projector can handle rooms with residual light with a smaller image width; we would recommend a maximum of 1055 cm here. If the image is still too small, the integrated edge blending software can help to project a large image with additional projectors. 1080P and 4K video signals as well as 3D are no problem for the projector, which means that all currently available Blu-ray formats can be recognized by the projector.



3 x 0,96" DMD DLP Chip
UHD 4/3 Ti Digital Light Processing Chip

Brief Introduction Beta 2.5

Display Type

Ansi-Lumen

Contrast

Black Level

Lens shift

Resolution

Video Modes

3D Compatibility

Application

Light Source

Light Life

Operating Costs

Focus

Zoom

Objective

21000 / 23000 Center Lumen

2200:1 full field

9,5455 min. Lumen

Vert.: +65% -50% Hori.: +/-15%

UHD (4K2K+) 3840 x 2400

9.216.000 Pixel

Pal, SECAM, NTSC, HDTV 720p, 1080i, 1080p, 4K UHD, 3D, EDTV 480p, 576p

Frame-Packing (Full HD 3D) | Side-by-Side | Top-and-Bottom

Frame Sequential (3D Ready)

Event | Very large screen width and rooms with plenty of light and shaded daylight.

Blue+Red Laser Phosphor

20000 h.

0,00 € Laser

Powered

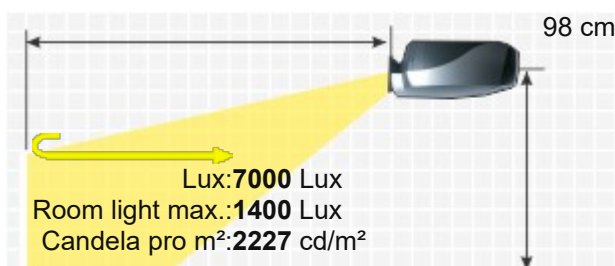
Powered

optional

7000 Lux (200 cm Screen width)

2200:1 full field

3,186 min. Lumen



Throw Ratiooptional

Audio-

Foot-Lamberts:650 fL

4/3 screen width:200 cm

Screen:1 Gain

Connections

HDMI™ 2.1 (HDCP2.2 -HDR10)

DP1.4 (HDCP 1.3)

USB(5v)

12V out

BNC 3D sync in-out

RS232 9Pin

RJ45 Ethernet

Optional: Quad DP 1.2, Glasfaser SFP, HDBaseT (Lite), HDMI, Quad-3G, 12G, DMX, HDBaseT



Ceiling Mounting

Power

Size WxHxD

Operating Noise

Yes, is possible.

2800W Max / 2560W Typical

830 x 350 x 660 mm (32,7"x13,8"x26") 191,73 L/dm³

52dB

Weight

Keystone

Illumination

79,00 kg / 174,17 lbs.

-

95%

Frequenz

V-sync: 24-120 Hz

Foot-Lamberts

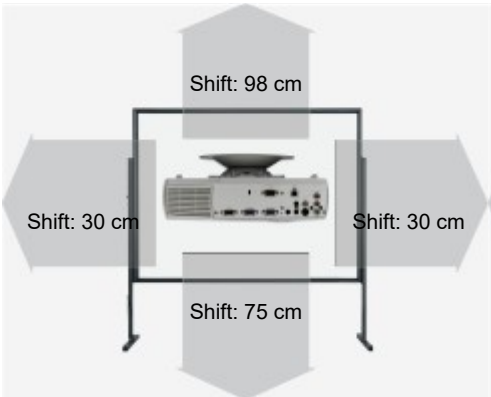
650 fL / max. 1582 cm screen width

2227 cd/m²

- Features
- Real Full HD 3D
 - Full HD 1080P compatible
 - Lens shift Funktion
 - High Dynamic Range (HDR)
 - Warping
 - 360° installable
 - 24/7 continuous operation capable
 - Edge Blending
 - Picture-in-Picture
 - Password protection
 - Control via web browser
 - Optional Wi-Fi network compatible.
 - Lan network compatible.
 - with lens memory for TLD+ lenses
 - DMX 512
 - DMX (optional), XLR cable (optional)
 - Pulse Toolset + Android app + iOS app + IMS
 - XLR wired rugged remote control
 - Refresh rate: 60Hz @ 8K or 140Hz @ 4K

Screen Mirroring

-



Optional Lenses					
Name	Ratio	Distance	Shift V	Shift H	Zoom
R9829997	6.49-9.57:1	1298-1914 m	65-50%	+/-15%	Powered



R9862040	3.86-6.53:1	772-1306 m	65-50%	+/-15%	Powered
R9862030	2.4-3.87:1	480-774 m	65-50%	+/-15%	Powered
R9862020	1.77-2.39:1	354-478 m	65-50%	+/-15%	Powered
R9862010	1.3-1.77:1	260-354 m	65-50%	+/-15%	Powered
R9862005	1.15-1.6:1	230-320 m	65-50%	+/-15%	Powered
R9801414	0.81-1.17:1	162-234 m	+/-50%	+/-15%	Powered
R9862001	0.65-0.85:1	130-170 m	55-50%	+/-5%	Powered
R9801661	0.36:1	72 m	80-75%	+/-30%	No Zoom

Status2025 Current model // Last update of the data: 2025-12-22
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Data



More Details



HCinema

<https://www.projector-database.com/pro/barcoqdxn4k25-en.html>

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