4K Native

P60

P60 6,100 ANSI LUMENS

At Norxe we design and manufacture projectors specifically for the simulation industry. Combining new developments in solid state light sources, imaging devices and our own innovation, we build projectors which offer staggering levels of clarity and stability.

Compact design
Norxe projectors are designed to meet the strict requirements for Training and Simulation in the most compact and lightweight package technically achievable.

Rugged Construction
Designed to withstand the forces produced in the most extreme motion-based simulators. Our projectors can be mounted in any orientation to motion platforms. 'Lens Lock' technology enables the lens to be attached firmly to the projector body while the lens adjustment rings can be locked in place for zero movement under load.

Stable
All Norxe projectors are fitted with solid state light source components with no moving parts, little brightness degradation and no colour shift over time.
Our advanced calibration tools make it easy to create a seamless appearance in multichannel visual systems. White Point Tracking (WPT™) secures an optimal performance for training at any time of day. Constant Light Output (CLO) can be enabled to make use of excess system brightness providing the option for full predictability of a linear brightness performance over a chosen period.

Low maintenance
Low maintenance and low cost of ownership is coherent in Norxe projectors. A fully sealed optical design combined with our Solid state light source (NXL) technology and selection of high performance components and thermal design means years of uninterrupted operation with no maintenance requirements. The first scheduled maintenance only happens at 50,000-hours* on all base models

High quality optics
The Norxe lens range is designed in-house to the highest standards. Fully sealed from the environment to protect from dust and humidity infiltration. Each lens is manufactured with precise metal bodies and high-grade optical glass. No organic parts are present from light source to lens, creating stable performance over time.

** 25,000-hours for N-shift products*

" Products made by professionals for professionals"

Single chip DLP
A single imaging device is used to create the image. This allows for a more compact mechanical design and delivers exceptionally sharp content.

True solid-state
The combination of LED technology and our own NXL module create a projector light source capable of 100,000 hrs use in an orientation free install package.

Motion platform certified
Norxe projectors are being used on simulators producing up to 15G. Standard spec 3G

IR
All our projectors have the facility to include an extra IR LED within the optical engine for use with NVG technology.

24/7
Norxe projectors are built to run 24/7

Smear suppression
P60 supports 12.5% 25% 37.5% and 50% dark time insertion.

10 years warranty
All our projectors come with a standard 5 year warranty which can be increased to a maximum 10 years.

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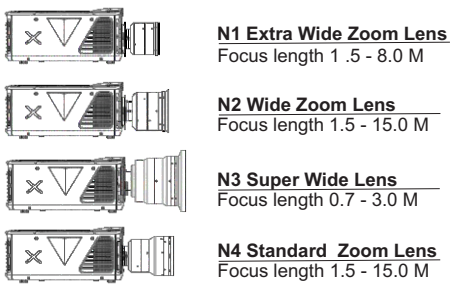
Preliminary specifications

Type of projector	Single chip DLP projector
Resolution	4096 x 2176 (Native)
Brightness	6,100 RGB lumens
Contrast ratio	3,100 - 12,000:1
Lens shift (max)	Vertical up to ±116% projector resolution/lens option dependent Horizontal up to ±75% projector resolution/lens option dependent

Light source (fully sealed optical architecture)
SSI, NXL® + optional IR LED (standard IR wavelength is 740nm)

Illumination lifetime	> 60,000 hours to 50% brightness (typical)
Optical block lifetime	> 100,000 hours
Orientation	Orientation free, no limitations
Input	4 x DisplayPort 1.4, 1 x HDMI 2.0
3D	Active stereo – up to 4K @ 120Hz
Latency	19ms @ 60Hz/9.5ms @ 120Hz
Control	IR, Ethernet, 2 x BNC (sync/trigger) & 1 x Mini DIN
Power requirements	100 – 240V, 50 – 60Hz
Power consumption (max)	880W typical, 975W max
Displayable color	30 Bit RGB
Heat dissipation (max)	3,000 BTU/hour typical, 3,325 BTU/hour maximum
Ambient noise	35 dB A typical/37 dB A maximum
Dimensions	488 L x 505 W x 241 H mm/ 19.68 L × 19.88 W × 9.49 H inch (excl. feet and lens)
Weight	22.6kg/49.8lbs excel. lens
Certifications	TBC
MTBF	TBC
Warranty	Limited 5 years parts & labor, extendable up to 10 years. 24/7

HIGH RESOLUTION LENSES

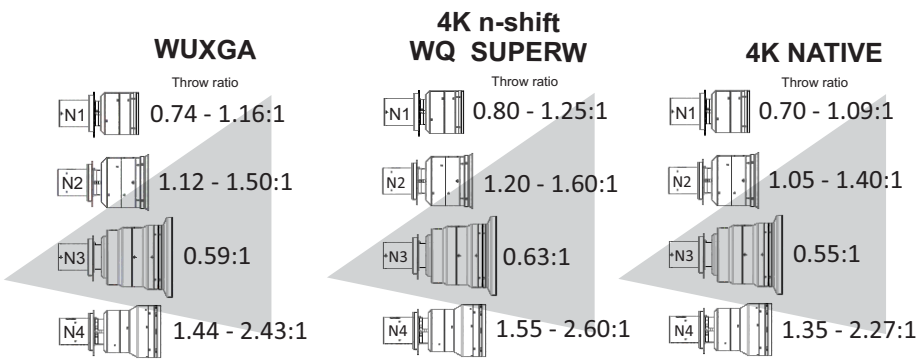


N1 Extra Wide Zoom Lens
Focus length 1 .5 - 8.0 M

N2 Wide Zoom Lens
Focus length 1.5 - 15.0 M

N3 Super Wide Lens
Focus length 0.7 - 3.0 M

N4 Standard Zoom Lens
Focus length 1.5 - 15.0 M



Projectors by norxe Pseries