



# LG ProBeam BU50N

for Business



# Laser 4K, 5000 ANSI ProBeam



Laser 4K projector with excellent resolution and performance, smart connection, and convenient features Best for business environments



High Resolution



Cost Saving



Ease of Use



Smart Connectivity

## Presentations

The real 4k resolution realizes sharp image quality, so during a presentation, image data such as figures, charts, and tables are shown sharply and in detail.

## Meetings

The sharp image quality maximizes attendees' concentration, and convenient connection with smart devices helps meetings go smoothly.



## Easy installation

As it is the smallest 4K 5,000 ANSI projector of 16.7 liter, it is easy to install anywhere and possible to keep a conference room spacious and tidy.

## Cost saving

It does not use mercury lamps and instead uses an eco-friendly laser diode that lasts for 20,000 life hours. So its lifespan is also long and ultimately, it significantly saves cost.

## Productivity improvement

By realizing clear image quality even in a bright and open space, it raises the level of immersion and improves concentration, maximizing the productivity.



# ENHANCED PICTURE QUALITY

## HIGH RESOLUTION

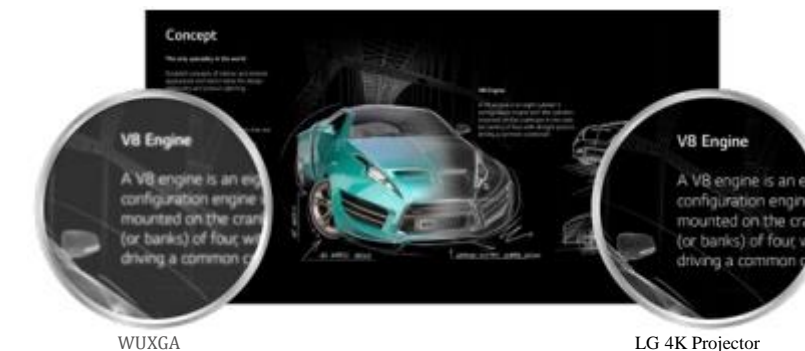
BU50N is a 4K UHD 5,000 ANSI lm business projector capable of realizing sharp and refined image quality even in a bright and open space. Equipped with HDR 10 and excellent contrast range based on DLP, it can express colors precisely and display vivid images as if you see them with the naked eyes.



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## HDR10 WITH DYNAMIC TONE MAPPING (AUTO)

Previously, HDR Tone Mapping delivers identical picture quality as the average of full frames. As The BU50N adopts HDR10 with Dynamic tone mapping, on a frame by frame basis, it can deliver optimized picture quality each frame.



## EXCELLENT CONTRAST RANGE BASED ON DLP

Using the DLP technology, it expresses precise colors and vivid images. By removing disturbing pixels such as blurs, shadows, and interference patterns, it improves the image quality and raise concentration.

## OPTIMAL IMAGE QUALITY FOR THE SPACE

The lens shift function, 1.6x zoom, and 12-point warping enable flexible installation, and the automatic image setting at the installed position in a space ensures the optimal image quality.



HIGH RESOLUTION

COST SAVING

EASY OF USE

SMART CONNECTIVITY

# COST SAVING

Lamp replacement costs may arise with projector use. The eco-friendly Laser Diode lasts up to 20,000 hours, 10 times longer than ordinary mercury lamps, which helps save on costs and is effective for enjoying content for long periods

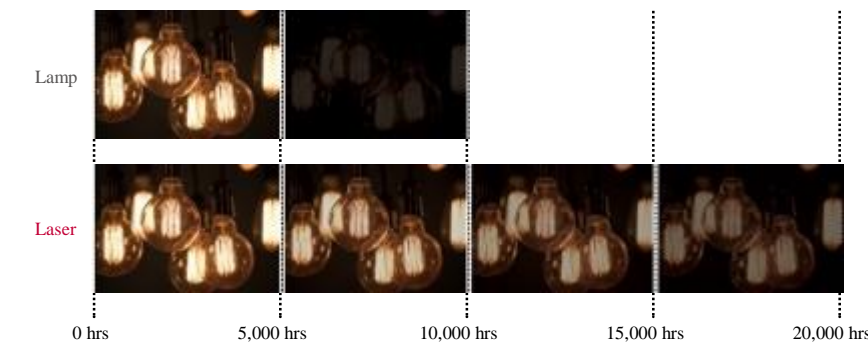


20,000 Life Hours



## 20,000 LIFE HOURS

The BU50N is a laser projector that implements 4K ultrahigh quality. The powerful laser diode displays brighter images and lasts up to 20,000 hours. If you play videos on this projector 8 hours a day, then the laser diode would last for 7 years. It keeps initial brightness over a long time maintaining reduction rate 99%, so you don't need to change the bulb with expensive replacement costs over time.



## ECO-FRIENDLY LASER DIODE

Doing away with mercury lamps, it uses an eco-friendly light source and enables more efficient use with reduced lamp replacement and maintenance costs.

IMPROVED CONVENIENCE

# EASY OF USE

Compact size and space-specific optimized picture quality enables efficient installation and use in any business environment.



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### COMPACT SIZE

BU50N perfectly matches any conference room with the smallest 4K 5,000 projector. Enjoy greater manager satisfaction with easy coordination in a variety of business spaces.



### 12 POINT WARPING / LENS SHIFT / ZOOM X1.6

BU50N provides 12-Point Warping, Lens Shift, and Zoom x1.6 functionality to enable flexible installation in various business environments. The user can set the optimal viewing environment according to the 12 points fitting the space, achieving high picture quality for large 100-inch screens even in small spaces. Moreover, the easily resizable screen enhances user convenience.

HIGH RESOLUTION

COST SAVING

EASY OF USE

SMART CONNECTIVITY

FREER WORK ENVIRONMENT

# SMART CONNECTIVITY

Wi-Fi support allows you to easily link to smartphones, and Bluetooth enables convenient wireless connection with sound devices. Moreover, based on WebOS 4.5, you can enjoy Internet contents such as Google and YouTube to make your work smarter and more efficient.



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## WIRELESS CONNECTION

Enjoy freer work sharing and collaboration with convenient wireless functions, including Wi-Fi, wireless screen mirroring, and Bluetooth sound out.



## INTERNET BROWSER

Access Internet browsers and YouTube through built-in WebOS 4.5.

HIGH RESOLUTION

COST SAVING

EASY OF USE

SMART CONNECTIVITY

APPLICATION

## LG ProBeam



# ENTERPRISE

Is it possible to express every detail of each line as if we see it with the naked eyes?

As corporate meetings and communication grow in importance and frequent and long meetings become more commonplace, LG BU50N displays everything from detailed graphics of specialized fields to accurate charts and diagrams, reducing eye fatigue and enhancing work productivity.

- 4K UHD resolution (Vivid and in-detail image representation)
- 5,000 ANSI Lumen (Clear visibility in an open and bright space)
- HDR10 with dynamic tone mapping (auto)
- DLP-based excellent contrast range
- 1.6x zoom/Lens shift ensure the optimal image quality in any circumstances.



APPLICATION

## LG ProBeam



# HOSPITAL

Why is the projector with the guaranteed reliability in image quality required in the industry fields where errors or mistakes are not allowed?

Precise picture quality is needed due to the nature of reading accuracy. LG BU50N displays detailed images through high picture quality projectors, and offers effective compatibility for consultation and references.

- DICOM (Digital Imaging and Communications in Medicine)  
BU50N complies with medical digital imaging and communications standards and provides performance suitable for visual representation used in medical practices.



APPLICATION  
LG ProBeam

# EDUCATION

Q Is there an effective way to improve concentration in class?

A Immersive picture quality is vital for improving study concentration. LG BU50N offers picture quality optimized for classroom environments, making it convenient to connect and share various classroom tools and devices.

- WiFi / Screen Share (Android)
- Bluetooth Sound out
- Internet Browser (webOS4.5 base)
- Office File viewer / Media Player



APPLICATION  
LG ProBeam

# ENTERTAINMENT

Q Is a lifelike experience possible?

A Immersion through vivid picture quality is needed to provide more realistic experiences. Through high-resolution picture quality that perfectly expresses details, LG BU50N offers vividness and realism that match the real environment.

- 4K UHD resolution (Vivid and in-detail image representation)
- 5,000 ANSI Lumen (Clear visibility in an open and bright space)
- HDR10 with dynamic tone mapping (auto)





UTILITY  
**LG ProBeam**

**RECOMMENDED USES**

Connect it to an electronic whiteboard in a lecture hall or meeting room, letting you display content on a large screen and effectively present information to a large audience.

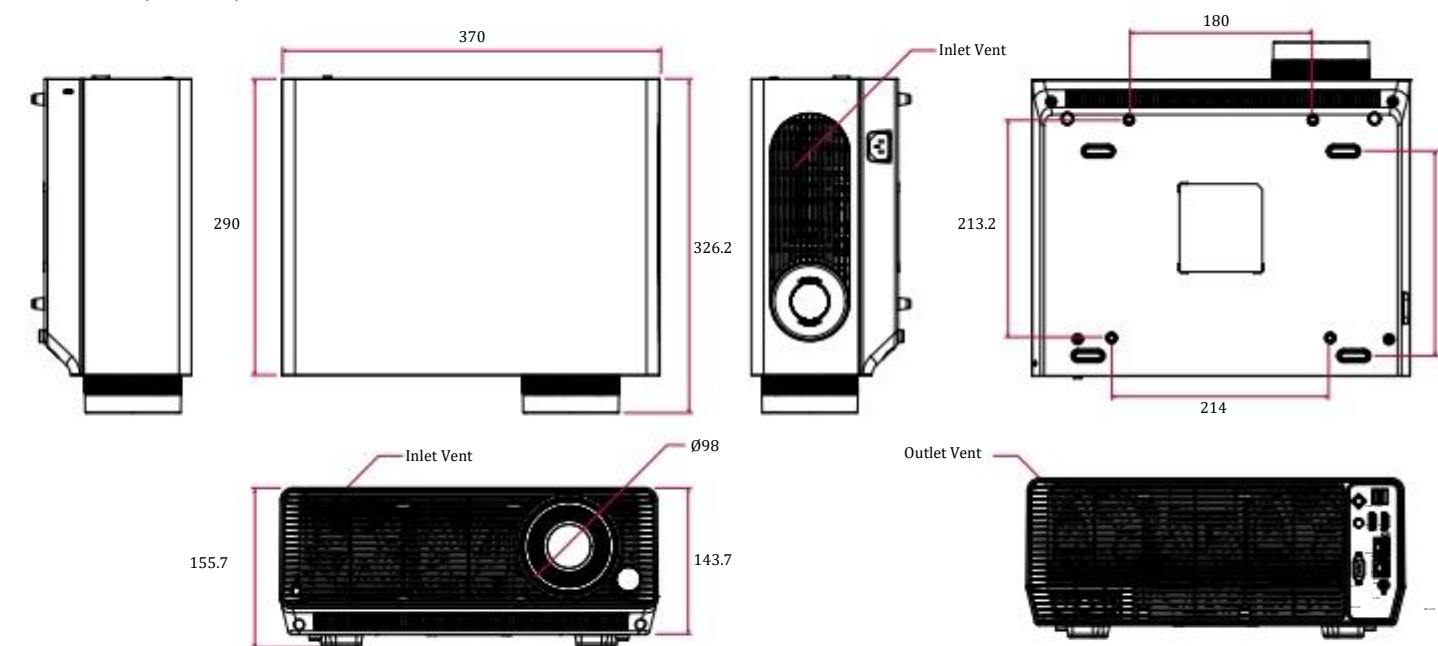


**LG ProBeam BU50N**

**Specifications**

Brightness	5,000 ANSI	SMART TV	webOS 4.5 & Magic Remote
Light Source	Laser (20,000 hours)	Bluetooth out	O (Sync controllable)
Resolution	4K UHD (3840 x 2160)	Noise	26~29dB(A)
Contrast Ratio	2,000,000:1	Wireless Connection	Android
Net Size (W x D x H)	370 x 290 x 155.7mm	USB plug & play	Movie, Music, Photo, Office file
Net Weight	9.7 kg	Keystone	12 Point-Keystone Adjustment
Power Consumption (Max.)	380W	Input Terminals	
Sound	5W + 5W Speaker		

**Dimension (unit: mm)**



**Connectivity**

