The BF50NST provides Manual 4 corner keystone, Lens Shift and Zoom 1.6x functionality to enable flexible installation in various business and education environments. You can set the optimal viewing environment to ensure high picture quality for large 100-inch projections even in small spaces.

WUXGA Resolution

The BF50NST projection experience for your business surpasses Full HD with an incredible 2.3 million pixels (1,920 x 1,200) utilizing XPR technology based on Texas Instruments’ 4K UHD DLP technology.

5,000 ANSI Lumens

The BF50NST provides brightness that delivers bright and clear images regardless of external lighting in large conference rooms. With 5,000 ANSI Lumens and HDR10 picture quality, viewers can experience vivid and immersive presentation experiences.

Smart Connection

This device provides convenient wireless functionality for collaborative meetings such as screen sharing through wireless mirroring and Bluetooth sound out. You can also browse the internet through the webOS 4.5 web browser.

20,000 Lifetime Hours

The BF50NST projector uses a powerful laser diode that displays bright 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. No more replacing expensive projector bulbs!
### Specifications: BF50NST 4K UHD Laser ProBeam Projector

**PROJECTION SYSTEM**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display Type</td>
<td>DLP</td>
</tr>
<tr>
<td>Native Resolution</td>
<td>WUXGA (1920 x 1200)</td>
</tr>
<tr>
<td>Screen Size</td>
<td>40” - 300”</td>
</tr>
<tr>
<td>Projection Image</td>
<td>100”@9.2-14.8ft</td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>16:9/16:10/Original/4:3/Vertical Zoom/All-Direction Zoom</td>
</tr>
<tr>
<td>Zoom</td>
<td>1.6x</td>
</tr>
<tr>
<td>Lens Shift</td>
<td>Horiz ± 20%</td>
</tr>
<tr>
<td>Brightness</td>
<td>Up to 5000 ANSI Lumens**</td>
</tr>
<tr>
<td>Contrast Ratio</td>
<td>3,000,000:1</td>
</tr>
<tr>
<td>Lamp Type</td>
<td>Laser (LD + P/W)</td>
</tr>
<tr>
<td>Lamp Life</td>
<td>Up to 20,000 Hrs</td>
</tr>
<tr>
<td>Noise (Typical)</td>
<td>26 / 27 / 29dB(A)</td>
</tr>
<tr>
<td>HDCP</td>
<td>HDCP2.2</td>
</tr>
<tr>
<td>Trumotion</td>
<td>No</td>
</tr>
<tr>
<td>HDR</td>
<td>HDR10</td>
</tr>
<tr>
<td>Digital Keystone Correction</td>
<td>Manual 4 corner keystone</td>
</tr>
</tbody>
</table>

**LG SMART TV**

- Web Browser: Yes

**CONNECTIVITY / WIRELESS**

- Bluetooth (with Speaker): Yes
- Screen Share: Yes (with Miracast supporting device)
- Wireless Contents Share: Yes (with iOS, Android via TV Plus App, with DLNA supporting device)

**AUDIO**

- Bluetooth sound out: Yes
- Built-in Speakers: 10W (5W+5W Stereo)
- Bluetooth AV Sync Adjustment: Yes

**INPUTS / OUTPUTS**

- Audio out: 1 (Φ 3.5)
- HDMI™: 2
- USB Type A: 2 (USB2.0)
- RS-232C: Yes
- RJ45: 1 (HDBaseT)
- IP Control: Yes

**POWER**

- Power Supply (Voltage/Hz): 100V – 240V @ 50-60 Hz (PSU Built-in)
- Power Consumption: 380 W
- Standby Mode: <0.5 W

**ACCESSORIES / MANUAL**

- Remote Control: 1 Standard (Battery included)
- Manual: Simple Book
- Warranty Card: Yes
- Power Cord: Yes

**DIMENSIONS / WEIGHT**

- Product (WxHxD) Without Lens: 14.6” x 6.1” x 11.4”
- 14.6” x 5.7” x 11.4” (Without Leg)
- With Lens: 14.6” x 6.1” x 12.8”
- 14.6” x 5.7” x 12.8” (Without Leg)
- Shipping Dimensions (WxHxD): 22.8” x 10.7” x 17.4”
- Weight: 21.4 lbs
- Shipping Weight: 25.4 lbs

**WARRANTY / UPC**

- Limited Warranty: 3 Years
- UPC: 7 19192 64155 6

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* The Brightness is based on the perceived brightness equivalent to the brightness of lamp projector
** Specifications are subject to change without notice, so please reach LG salesteam to ensure before ordering