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# Epson EB-W51 3-LCD 4000 Lumens Portable Projector Specifications and Datasheet

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**EPSON®**

**Epson EB-W51 3-LCD 4000 Lumens Portable Projector**

**Highlight**

**Turn heads at home and in the office with this high-quality, long-lasting, and flexible WXGA projector.**

Supersize your content in the office and at home with this high-quality, versatile projector. Thanks to its powerful 4,000 lumen 3LCD technology, it delivers incredibly bright and clear images, even when there's ambient light. The longlasting lamp light source means it's a cost-effective piece of kit. It's also easy to transport and set up with no fuss.

- **Bigger is better**

  Whether you're watching your favorite film or delivering a presentation, this projector can achieve an impressive 320-inch display. It's great quality too, with 3LCD technology that makes the display up to three times brighter than competitor products[1]. In addition to its bright and vivid colors, the 16,000:1 contrast ratio produces defined shadows and deep blacks. From family and friends to business colleagues and clients, it's sure to get everyone's attention.

- **High-quality, bright images**

  Even in bright rooms, this powerful yet affordable WXGA projector delivers exceptionally bright yet colorful images with clear details. It's all thanks to 3LCD technology, which produces an equally high White and Colour Light Output of 4,000 lumens.

- **Long-lasting solution**

  Looking for a long-term, hassle-free, and affordable solution for your projection needs? This model's long-lasting lamp light source provided you with 18 years' worth of entertainment[2].

- **Stress-free set-up**

  Here's a projector that's designed with portability and quick setup in mind. The carry case makes it easy to move from room to room, and you can quickly position the image with keystone correction and access content simply with the HDMI inputs. Thanks to the optional ELPAP10 adapter, it offers Wi-Fi connectivity, allowing you to share content from a smart device using the iProjection app.

## KEY FEATURES

- **Create the big screen experience**

  From box sets to business presentations, capture everyone's attention

- **Bright even with ambient light**

  Equally high White and Colour Light Output of 4,000 lumens

- **Affordable, high-tech equipment**

  Enjoy this WXGA projector

- **Long-lasting solution**

  18 years' worth of entertainment[2]

- **Portable and quick to set up**

  Transport with a carry case and keystone slider for easy alignment

## WHAT'S IN THE BOX

- Computer cable
- Power cable

- Main unit
- Warranty card
- User manual (CD)
- Remote control incl. batteries
- Quick Start Guide
- Carrying Case

## PRODUCT SPECIFICATIONS

### TECHNOLOGY

- **Projection System** 3LCD Technology, RGB liquid crystal shutter
- **LCD Panel** 0,59 inch with C2 Fine

### IMAGE

- **Color Light Output** 4.000 Lumen- 2.600 Lumen (economy) In accordance with IDMS15.4
- **White Light Output** 4.000 Lumen – 2.600 Lumen (economy) In accordance with ISO 21118:2020
- **Resolution** WXGA, 1280 x 800, 16:10
- **Contrast Ratio** 16.000: 1
- **Lamp** UHE, 210 W, 6.000 h durability, 12.000 h durability (economy mode)
- **Keystone Correction** Auto vertical: ± 30 °, Manual horizontal ± 30 °
- **Color Reproduction** Upto 1.07 billion colors
- **High Definition** HD ready
- **Aspect Ratio** 16:10

### OPTICAL

- **Throw Ratio** 1,30 – 1,56:1
- **Zoom** Manual, Factor: 1,2
- **Screen Size** 33 inches – 320 inches
- **Projection Distance Wide/Tele** 1,68 m – 2,02 m (60-inch screen)
- **Projection Lens F Number** 1,49 – 1,72
- **Projection Lens Focal Length** 16,9 mm – 20,28 mm
- **Projection Lens Focus** Manual
- **Offset** 10: 1

### CONNECTIVITY

- **USB Display Function** 3 in 1: Image / Mouse / Sound
- **Interfaces** USB 2.0 Type A, USB 2.0 Type B, VGA in, HDMI in, Composite in, Cinch audio in, Wireless LAN IEEE 802.11b/g/n (optional)
- **Epson iProjection App** Ad-Hoc / Infrastructure

## ADVANCED FEATURES

- **Security** Kensington lock, Security cable hole, Wireless LAN unit lock, Password protection
- **3D** No
- **Other features** AV Mute Slide, Auto source search, Built-in speaker, Horizontal and vertical keystone correction, Long lamp life, Quick Corner, Split-Screen-Function
- **Video Color Modes** Blackboard, Cinema, Dynamic, Presentation, sRGB

## GENERAL

- **Power consumption** 327 Watt, 225 Watt (economy), 0,3 Watt (standby), On mode power consumption as defined in JBMS-84 286 Watt
- **Product dimensions** 302 x 237 x 82 mm (Width x Depth x Height)
- **Product weight** 2.5 kg
- **Noise Level** Normal: 37 dB (A) – Economy: 28 dB (A)
- **Included Software** Content DIY App, iProjection, Epson Projector Management, Epson Projector Professional Tool
- **Loudspeaker** 2 Watt
- **Room Type** / **Application** Home Office, Home Photo, Streaming, TV & Box sets
- **Positioning** Ceiling Mounted, Desktop
- **Color** White

## OTHER

- **Warranty** 24 months Carry in, Lamp: 12 months or 1.000 h

## Company Introduction

With the newest technology for your home theatre, Epson, the largest projector manufacturer in the world for the past 17 years, is at your service. Exceptionally high contrast ratios and brightness make films and sports broadcasts seem even more lively and engaging. For the years 2001 to 2018, Futuresource Consulting Limited conducted a survey.

## OPTIONAL ACCESSORIES

- Air Filter – ELPAF32
  V13H134A32
- Adapter – ELPAP11 Wireless LAN (5GHz)
  V12H005A01
- Lamp – ELPLP97 – EB9XX/W49/X/E20/U50/EB-x05/x41/x42/EH-TW6
  V13H010L97
- Screen (80″ Mobile X type16:9) – ELPSC21
  V12H002S21
- Screen (80″ Multi-Aspect) – ELPSC26
  V12H002S26

- Screen (50″ Desktop type) – ELPSC32

  V12H002S32
- Soft Carry Case – ELPKS69 – EB-x05/x41/x42, EH-TW6 series

  V12H001K69
- Ceiling Mount (White) – ELPMB23

  V12H003B23
- Ceiling Pipe (450mm) – ELPFP13

  V12H003P13

## LOGISTICS INFORMATION

- **SKU** V11H977040
- **EAN** code 8715946680705
- **Country of Origin** Philippines

1. Color brightness(color light output) in brightest mode, measured by a third-party lab in accordance with IDMS 15.4. Color brightness will vary depending on usage conditions. Top-selling Epson 3LCD projectors versus top-selling 1-chip DLP projectors based on NPD sales data for May 2017 – April 2018.
2. Based on watching an average 1hr 45mins film every day and the lamp set in Eco mode.

## FAQ's

**What is the maximum screen size the projector can project?**

The Epson EB-W51 can project a screen size of up to 320 inches.

**Does the projector come with built-in speakers?**

Yes, the projector has a built-in 5W speaker, but for optimal audio quality, you can also connect external speakers.

**What is the lamp life of the projector?**

The projector has a lamp life of up to 12,000 hours in Eco mode and up to 7,500 hours in Normal mode.

**Can the projector connect to Wi-Fi or Bluetooth?**

The projector does not have built-in Wi-Fi or Bluetooth connectivity, but it can be connected to other devices such as laptops, smartphones, and tablets via HDMI or USB cable.

**What is the maximum resolution the projector can display?**

The Epson EB-W51 has a maximum resolution of 1920 x 1200 pixels.

**Is the projector compatible with 3D content?**

Yes, the projector is compatible with 3D content, but you will need to purchase additional 3D glasses to view it.

**How do I adjust the focus on the projector?**

To adjust the focus on the projector, turn the focus ring on the lens until the image is clear and in focus.

**Can you use a phone with an Epson projector?**

Before connecting to your projector, make sure that both your Android device and Epson projector have Wi-Fi enabled. If your projector is set up with an Advanced wireless connection, make sure your projector and device

are on the same wireless network.

## When should I replace my Epson projector bulb?

It is time to replace the lamp when: The projected image gets darker or starts to deteriorate. The message LAMP REPLACE appears on the screen when the lamp comes on and the lamp warning light is flashing orange. To maintain projector brightness and image quality, replace the lamp as soon as possible.

## Do you need a screen for the Epson projector?

The simple answer is yes! But using a projector without a screen will decrease the quality of the viewable image. A simple white wall will definitely provide a good surface for an image to be projected, but there are definitely some downsides to it. A wall does not reflect light nearly as well as a projector screen.

## How do I take care of my Epson projector?

Your projector needs little maintenance to keep working at its best. You may need to clean the lens periodically and clean the air filter and air vents to prevent the projector from overheating due to blocked ventilation. The only parts you should replace are the air filter and remote control batteries.

## What is the benefit of the Epson projector?

Epson laser projectors are able to project the same amount of lumens as lamp models but using fewer watts, reducing energy consumption and helping keep bills down.

## Do Epson projectors turn off automatically?

If the projector's lamp shuts off unexpectedly, it may have entered standby mode after a period of inactivity. Press the power button to wake the projector. If the projector's lamp shuts off and the power and Temp lights are red, the projector has overheated and shut off. Check the solutions for this light status.

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