

Epson EB-L1755UNL



 ENLARGE IMAGE

Installation Multimedia Projectors

Take Image Quality to New Levels

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Overview

KEY FEATURES & BENEFITS

- Laser Light Source – Experience astonishing quality and reliability
- Up to 3x Brighter Colours, and reliable performance* – 3LCD, 3-chip technology
- 4K Enhancement – Go beyond High Definition with 4K enhancement and native WUXGA (1920 x 1200) resolution for presentations, videos, digital signage and more
- 15,000 Lumens – Deliver captivating images in virtually any venue
- Colour Uniformity – Keep images consistent and maintenance to a minimum with built-in automatic colour correction
- Edge Blending – Combine multiple individual images to create one seamless giant image
- Professional Tool – efficiently setup multiple projectors straight out of the box with new large venue application software
- Remote Camera Access – monitor projection image remotely
- Wireless LAN Enterprise Security – Connect projectors in a secure wireless network environment
- Colour mode – BT.709
- Efficient Power Consumption – 6W per 100 lumens
- 3x Digital Connections – Digital quality and distance flexibility
- HDBaseT – Transmit Full HD video and audio, Ethernet and Serial communication through a single CAT 5/6 cable that can be extended up to 100m
- 360° Installation – Install on any plane, from horizontal to vertical and everything in-between
- Powered Lens Shift, Zoom and Focus – Project perfectly uniform images with a new stepping motor and store up to 10 lens settings
- Ten Optional Lenses¹ – Choose the ideal powered lens for your venue from a wide range including ultra-short throw and long throw
- Digital Split Screen – Project two different images from one projector

* Colour brightness (colour light output) in brightest mode, measured by a third-party lab in accordance with IDMS 15.4. Colour 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.

¹ Please refer to lens compatibility chart



Brighter, vivid projection

White brightness alone cannot bring the True Colours you see every day. While other manufacturers of 1-chip DLP technology believe they can improve image quality by just increasing the brightness of their projectors' white light output, Epson ensures that its projectors combine brightness and True Colour to create vibrant and realistic images with 3LCD technology across every projector model.

3LCD Technology

All Epson projectors are based on 3-chip LCD technology for amazing colour, incredible detail and solid reliability. 3LCD's 3-chip architecture dedicates an entire chip to process each primary colour – red, green and blue, continuously. Unlike single-chip technology that delivers colour sequentially, you get full-time colour. The result is vibrant, realistic images and video all delivered with 3LCD's true-to-life colour



Up to 3x Brighter Colours with Epson Projectors*

Epson projectors use 3LCD engines that have no colour wheel with a white segment and therefore don't force a tradeoff between white and colour brightness.

In fact, Epson projectors have up to 3x Brighter Colours than their leading competitive 1-chip DLP projectors*. If you are looking for business and education projectors or 1080p home entertainment projectors, know that choosing Epson projectors means up to 3x brighter colours*.

All Epson projectors list both White Brightness and Colour Brightness specifications, and all have high Colour Brightness.



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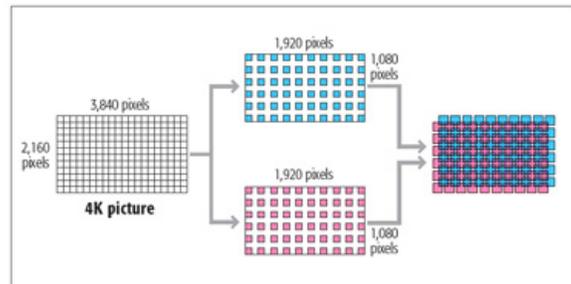
Laser Light Source

Experience astonishing quality and reliability with Epson's laser light source technology. The newly designed laser light source and advanced electrostatic filter offers fit and forget reliability to keep maintenance to a minimum.



4K Enhancement

Take presenting into the future with support for 4K and the ability to upscale Full HD (1080p and WUXGA) content with Epson's 4K Enhancement Technology — which shifts pixels diagonally by 0.5 pixels to double resolution — delivering crisp images beyond High Definition.



Inorganic Components

Our newly developed phosphor wheel is made of inorganic material with superior light and heat-resistance to deliver excellent reliability. We've also developed inorganic LCD panels, key components of imaging devices. Combining an inorganic phosphor wheel with inorganic LCD panels in a laser projector results in bright, vibrant images for extremely long periods.

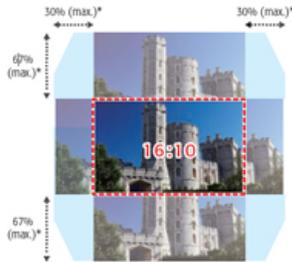
	Inorganic (Glass, iron, aluminum, etc.)	Organic (Paper, wood, plastic, etc.)
Light-resistance	YES	NO
Heat-resistance	YES	NO

Unlike organic substances, inorganic substances do not contain carbon

15,000 lumens of brightness

Powered by 3LCD technology and Epson's laser optical engine, the EB-L1755UNL is capable of producing White Light and Colour Light Output of 15,000 lumens in WUXGA resolution, delivering captivating images in virtually any venue.

The laser light source also lets you take control of brightness with precise adjustment in increments of 1% and a constant brightness mode that maintains brightness at a specified level.

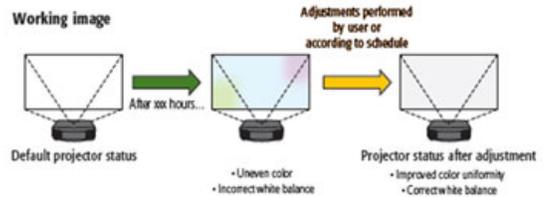


Powered Lens Shift, Zoom and Focus

The motorised lens shift covers a wide range, giving you a great deal of flexibility when installing the projector. A newly adopted stepping motor lets you make highly precise adjustments when employing edge blending, stacking and other techniques. Adjustments can be made via remote control or over a network, enhancing usability even for ceiling-mounted projectors.

Colour Uniformity

Keep images consistent and maintenance to a minimum with a built-in camera that detects images that have become uneven over time, detect subtle inconsistencies between multiple projectors and enables automatic colour correction. You can choose whether to check manually or set up for automatic checking at regular intervals.

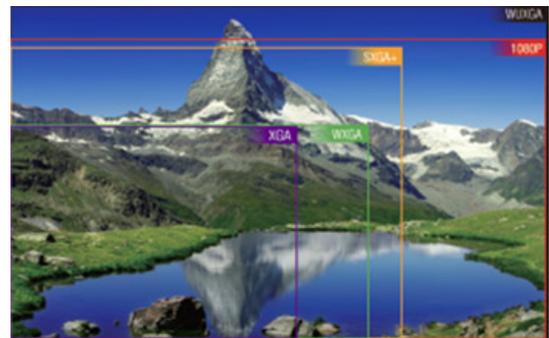


Lens Position Memory

Up to 10 settings can be stored in the projector memory, including shift positions, focus and projection sizes.

High resolution

Epson EB-L1755UNL features native resolution up to WUXGA (1920 x 1200), delivering high quality images and crisp, sharp text without any distortion. WUXGA resolution is ideal for any application requiring Full HD, including BluRay content, graphic intensive programs, film slides, and any application requiring exceptional detail.



ADVANCED INSTALLATION FEATURES



Incredible HDBaseT and Diverse Connectivity

Connect with virtually any system including HDBaseT, SDI, DVI-D, HDMI, VGA, BNC and LAN connectivity. Cutting-edge HDBaseT technology means just one single CAT-5/6 cable carries Full HD video, audio, network and control commands up to 100 metres to accommodate large venues. No need for additional cables, signal repeaters or added labour.

The Epson L Series can be rotated 360° in any direction for off-axis positioning flexibility. As a result, they can be used for a wide range of applications, such as projecting on the ceiling or floor, or as part of a rear-projection system. Epson technology keeps the projector running without compromising performance or causing overheating.



Edge Blending

Enhance the experience with seamless panoramic, multi-screen images that blend edges by matching colour and brightness perfectly, even in areas that overlap.



Corner Wall and Curved Surface Projection

Quickly and precisely correct any vertical or horizontal distortion of an image with Epson's curved surface and corner wall projection. These features allow for greater flexibility when choosing a projection surface. Enhance your viewers experience by projecting your content in a unique environment with ease.

For advanced projection applications, such as panoramas and curved surfaces on the entire façade of a building, projection mapping software will allow the creative projection of images onto curved surfaces and "bend" images around corners.

Digital Split Screen

Split Screen allows users to display content from two inputs simultaneously, side by side, on a single screen with the option of three different layouts. This makes it possible to display video and presentation materials simultaneously, or run video on both screens.

Remote Camera Access

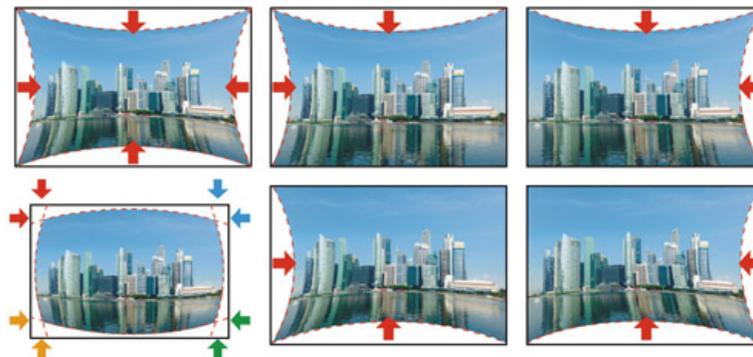
Monitor real-time projection output with a captured image from any remote location. Built-in front cameras are now available to take a snap of projected images which get sent to a monitoring PC via the network. Prevent mishaps by verifying the image output prior to large venue shows or events during the setup stage located in stadiums, lecture halls, museums or at live performance with peace in mind. The feature can be disabled if required.

Professional Tool

Setup multiple projectors straight out of the box with new large venue application software. Epson Professional tool allows you to adjust and control images projected on a network with high-end projector setup features such as geometry correction, image layout adjustment, lens control and edge blending. Exclusively bundled to Epson L-Series projectors, large scale presenting has become much easier and flexible.

Arc Correction

Using arc correction, you can adjust each side of a projected image in an arch or barrel-shaped way, making it easier than ever to get a perfectly rectangular image.



DICOM Simulation Mode

DICOM (Digital Imaging and Communication in Medicine) is a standard for handling, storing, printing and transmitting medical imaging information. The projector's DICOM Simulation Mode enables users to reproduce images with an advanced grayscale level that simulates DICOM Part 14. This mode is ideal for viewing grayscale medical images, such as X-rays, for training and educational purposes.

Collaborative presenting

Multiple users can connect simultaneously to one projector using EPSON iProjection software which allows you to display four individual PC screens simultaneously over the network (wired or wireless), with up to 50 users connected to the same projector. You can drag and drop participants into or out of one of the four quadrants. This feature is a great tool for meetings or classroom projects where multiple users want to present and compare their screens. You can also connect up to four remote projectors at the same time and show the same multi-screen image; another great tool for remote meeting setups.



Simple control

Use features such as EPSON Projector Management software to monitor and control projectors, with fleet control across a network or on a web browser to keep track of up to 2,000 projectors. The latest models feature a newly designed OSD Control Pad function that shows a representation of lens conditions on a smart device.



NEW Ultra Short Throw Lens

The ELPLX02 is a new UST lens to accommodate high brightness EPSON laser projector models ranging from 12klm to 15klm. This produces images from 100 inches to a massive 1000 inches at a throw distance of 0.74m - 7.69m respectively and has lens shift of +25% vertical and +/- 15% horizontally for added flexibility.

Ten Optional Lenses

For added flexibility, the EB-L1755UNL offers a total of ten lenses, including middle, wide, long, short and ultra-short throw that allow users to choose the lens most suited for their environment. A quick-release lever allows for a fast, easy lens exchange.



Lens	Description	Zoom Ratio	L1000U+/ L1100U+/ L1200U+/ L1300U+/ L1405U+ Throw Ratio	L1505U**/ L1505UH** Throw Ratio	L1755U** Throw Ratio
ELPLX01	Ultra Short Throw Lens 1		0.35		
ELPLX02*	Ultra Short Throw Lens 2			0.35	0.35
ELPLU03	Short Throw Lens 1	1 - 1.2	0.65 - 0.78	0.47 - 0.57	0.47 - 0.57
ELPLU04	Short Throw Lens 2	1 - 1.2	0.87 - 1.05	0.64 - 0.77	0.64 - 0.77
ELPLM08	Middle Throw Lens 1	1 - 1.6	1.44 - 2.32		
ELPLM09**	Middle Throw Lens 2	1 - 1.6	2.16 - 3.48	1.57 - 2.56	1.57 - 2.56
ELPLM10	Middle Throw Lens 3	1 - 1.5	3.32 - 5.06	2.42 - 3.71	2.42 - 3.71
ELPLM11	Middle Throw Lens 4	1 - 1.5	4.85 - 7.38	3.54 - 5.41	3.54 - 5.41
ELPLM15†	Middle Throw Lens 5	1 - 1.6	2.16 - 3.48	1.57 - 2.56	1.57 - 2.56
ELPLW05	Wide Throw Lens 1	1 - 1.4	1.04 - 1.46	0.76 - 1.12	0.76 - 1.12
ELPLW06	Wide Throw Lens 2	1 - 1.4	1.62 - 2.22	1.19 - 1.62	1.19 - 1.62
ELPLW08	Long Throw Lens	1 - 1.4	7.21 - 10.11	5.27 - 7.41	5.27 - 7.41

*ELPLX02 – L1505U compatible with firmware update

†ELPLM15 – L1000U / L1100U / L1200U / L1300U / L1405U / L1505U compatible with firmware update

**ELPLM09 – L1505UH / L1755U partially compatible with firmware update

New Ceiling Mounts

Both standard and low profile ceiling mounts are available to give you even more installation flexibility across the L Series. Both mounts are now grey in colour to easily integrate into any colour scheme.



Specification

PRODUCT NAME	Epson EB-L1755UNL
PRODUCT CODE	V11H892853
WHAT'S IN THE BOX	
	EB-L1755UNL Projector, 3m 15A Power Cable, Quick Start Guide, Product Manual, Remote Control, 2 x AA Batteries, Cable Cover, HDMI Cable clamp, Warranty card, Registration Card
TECHNOLOGY	
Projection System	RGB liquid crystal shutter projection system
LCD Panel	1.03-inch (D10)
OPTICAL	
Zoom	1 - 1.61 (Optical)
Screen Size (Standard Lens)	60" to 500" [1.99m to 17.17m] (Zoom: Wide) 60" to 500" [3.26m to 27.77m] (Zoom: Tele)
Projection Distance (Standard Lens)	100" screen 3.37m - 5.49m
Throw Ratio	1.57 (Zoom:Wide), 2.56 (Zoom:Tele)
Projection Lens F Number	1.8-2.3
Projection Lens Focal Length	36mm - 57.35mm
Focus Method	Powered
IMAGE	
Colour Light Output	15,000 Lumens
White Light Output	15,000 Lumens
Resolution	WUXGA
Native Aspect Ratio	16:10
Contrast Ratio	2,500,000:1
Light Source	Laser Diode
LD Input Power	760 W
Keystone Correction (Standard Lens)	Vertical: -45 to +45 degrees Horizontal: -30 to +30 degrees
Lens Shift (Standard Lens)	Vertical: -60% to +60% (Powered) Horizontal: -18% to +18% (Powered)
CONNECTIVITY	
Input: Video	1 x 5BNC
Input: Computer	1 x D-sub 15-Pin (RGB)
Input: Digital	1 x HDMI, 1 x DVI-D, HDBaseT
Input: SDI	1 x BNC
Input: Audio	3 x Stereo mini
Input: Control	1 x RS232c, 1 x Stereo mini (Remote)
Input: Network I/O	1 x RJ45, 1 x USB Type A (for optional Wireless LAN unit)
Input: HDBaseT	1 x RJ45
Wireless Connectivity	Optional
Output: Video	1 x Monitor Out (via D-sub 15-pin)
Output: Audio	1 x Stereo mini
ADVANCED FEATURES	
Epson Projector Management (Network & Control)	Yes
Epson iProjection (Multi-PC Projection)	Yes
Epson Professional Tool	Yes

Remote Access Camera	Yes
Wireless LAN	Optional
4K Enhancement	Yes
Lens Position Memory	Yes (10 positions)
Split Screen	Yes
Edge Blending	Yes
Curved Screen Projection	Yes
Corner Wall Projection	Yes
Frame Interpolation	Yes
360 Degree Projection	Yes
Instant Off	Yes
Direct Power On/Off	Yes
Security	Kensington® – style lock provision Wireless LAN Unit Lock Security cable hole
Colour Modes	Dynamic Presentation Cinema BT.709 Natural DICOM SIM Multi-Projection
GENERAL	
Dimensions D x W x H (Including Feet)	492 x 586 x 211 mm
Weight (Including ELPLM15 Lens)	24.1kg
Projector Warranty	5 Years*
Power Consumption: LD On	1024W
Power Consumption: Standby	2W
Noise Level	Normal/Quiet: 40/30 dB
* Or 20,000 hours, whichever comes first.	
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Usage Conditions

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Consumables

ACCESSORIES & OPTIONS	PRODUCT CODE
<u>ELPAP10 Wireless LAN Adapter</u>	V12H731P01
<u>ELPLM15 Middle Throw Lens</u>	V12H004M0F
<u>ELPLX02 Ultra Short Throw Lens</u>	V12H004X02
<u>ELPLL08 Long Throw Lens</u>	V12H004L08
<u>ELPLM10 Middle Throw Lens 3</u>	V12H004M0A
<u>ELPLM11 Middle Throw Lens 4</u>	V12H004M0B
<u>ELPLU04 Short Throw Lens 2</u>	V12H004U04
<u>ELPLU03S Short Throw Lens 1</u>	V12H004UA3
<u>ELPLW05 Wide Throw Lens 1</u>	V12H004W05
<u>ELPLW06 Wide Throw Lens 2</u>	V12H004W06
<u>ELPMB47 Low Profile Ceiling Mount</u>	V12H802010
<u>ELPMB48 Standard Ceiling Mount</u>	V12H803010
<u>ELPAF51 Replacement Filter</u>	V13H134A51
<u>HDBaseT Transmitter</u>	V12H547053
<u>ELPLW08 Wide Throw Lens 3</u>	V12H004W08

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