

# LightScene™ EV-100 Accent Lighting 3LCD Laser Projector



Projector

Digital Signage

## The dynamic laser projector for digital art and signage.

**Integrated lighting and digital display** — project dynamic, experiential content to engage audiences in retail, hospitality and event spaces, showrooms and museums

**Create head-turning digital signage** — illuminate and project on virtually any surface or material, for digital art, commercial signage and décor applications

**Blends in discreetly** — sleek, white spotlight design easily blends into its surroundings, offering vertical and horizontal rotation, with flexible mounting on tracks, floors, walls or ceilings

**Breakthrough laser technology** — provides up to 20,000 hours of virtually maintenance-free operation<sup>1</sup>, plus a sealed optical engine, for amazing image quality matched by outstanding performance

**Robust management and control tools** — via Epson's Web-based application or over the network with Crestron®, Art-Net and more

**Scalable, for an array of applications** — install multiple LightScene projectors and utilize Edge Blending technology for versatile, breathtaking displays

**Easily programmable** — includes templates, effects, color filters and customizable options; playlist and playback function allows for seamless content management for single or multiple LightScene projectors

**Flexible positioning** — 1.58x powered optical zoom, plus powered focus, allows the projector to be installed in both large and small spaces

**Expansive connectivity** — HDMI®, RJ-45, wired and wireless LAN, and SD card slot<sup>2</sup> for direct content storage when needed

**Bright visual display system** — 2,000 lumens equal color and white brightness for vibrant, rich color<sup>3</sup>



**Specifications**

**Projection System** RGB liquid crystal shutter projection system  
**Projection Method** Direct Mounting, Lighting Track (requires Lighting Track option), Floor Standing (requires Floor Stand option)  
**Driving Method** Poly-silicon TFT Active Matrix  
**Pixel Number** 1,024,000 dots (1280 x 800) x 3  
**Color Brightness<sup>3</sup>** Color Light Output: 2,000 lumens  
**White Brightness<sup>3</sup>** White Light Output: 2,000 lumens  
**Aspect Ratio** 16:10 widescreen  
**Native Resolution** WXGA (1280 x 800)  
**Light Source** Laser Diode  
**Laser Life<sup>1</sup>**  
 Normal Mode: Up to 20,000 hours  
 Extended Mode: Up to 30,000 hours  
**Throw Ratio Range** 1.38 (Zoom:Wide), 2.19 (Zoom: Tele)  
**Size (Projected Distance)**  
 30" – 133" [0.88 – 4.0 m] (Zoom: Wide)  
 30" – 133" [1.41 – 6.34 m] (Zoom: Tele)  
**Keystone Correction Manual** Vertical: ± 45 degrees;  
 Horizontal: ± 40 degrees  
**Dynamic Contrast Ratio** Up to 2,500,000:1  
**Color Reproduction** Up to 16.7 million colors  
**Project From Nearly Any Angle**  
 Movement: Left/Right: 180 degrees, Up/Down: 180 degrees;  
 Ball-joint Axis Rotation: 360 degrees  
**Track Compatibility**  
 Halo: TEK441, 442, 443  
 Juno: TEK44FT (Black/White)  
 Global Trac: TEK44-1, 44-2, 44-3

**Interfaces**

1x HDMI  
 1x SD Card  
 1x Stereo Mini Out  
 1x USB connector Type A: For 1200 mA power supply only.  
 (This port cannot be used to transfer data)  
 1x USB connector mini Type B: For Firmware update  
 1x Wired LAN RJ-45  
 Wireless 802.11b/g/n LAN IEEE 802.11b: 11 Mbps\*,  
 IEEE 802.11g: 54 Mbps\*, IEEE 802.11n: 130 Mbps\*  
 \*Maximum speed and range is achievable when used  
 with same enhanced mode technology. Actual data rates,  
 features and performance may vary depending on your  
 computer system, the environment and other factors.



**Projection Lens**

**Type** Optical zoom (Powered)/Focus (Powered)  
**F-number** 1.51 – 1.92  
**Focal Length** 18.2 – 28.4 mm  
**Zoom Ratio** 1 – 2.21 (Total), (Optical zoom: 1 – 1.58,  
 Digital zoom: 1 – 1.4)

**Other**

**Input Signal** HDMI  
**Operating Temperature** 41 ° to 104 °F (5 ° to 40 °C)  
 (20 – 80% humidity, no condensation )  
**Power Supply Voltage** 100 – 240 V AC ± 10%, 50/60 Hz  
**Power Consumption**  
 Normal Mode: 173 W  
 Quiet Mode: 118 W  
 Standby Mode: 2.0 W  
 Energy-saving Mode: 0.30 W  
**Fan Noise**  
 Normal Mode: 34 dB  
 Quiet Mode: 22 dB  
**Security** Enterprise Level Security Encryption  
**Country of Origin** China

**Dimensions**

**Projection Unit** 6.9"Φ x 10.24" D  
**Power Supply Unit** 18" x 4.3" x 2.5" (W x D x H)  
**Weight** 15.2 lb (Main unit 11.0 lb, Direct mount unit 4.2 lb)

**Remote Control**

**Features** Brightness level, A/V Mute, Focus, Zoom, Volume,  
 Spotlight, HDMI, LAN, SD Card, Keystone, Pattern, Menu,  
 Effect  
**Operating Angle**  
 Front to Rear: 15 – 60 degrees  
 Right to Left: 60 – 60 degrees  
**Operating Distance** 23 ft (7 m)

**Eco Features**

RoHS compliant  
 Recyclable product<sup>4</sup>  
 Epson America, Inc. is a SmartWay<sup>®</sup> Transport Partner<sup>5</sup>

**Support**

**Epson Connection<sup>SM</sup>**  
 Pre-sales support: U.S. and Canada (800) 463-7766  
 Internet website: [www.epson.com](http://www.epson.com)

**Service Programs**  
 Limited Warranty: 3 years or 20,000 hours, whichever  
 comes first  
 Epson Road Service Program with free Next-Business-Day  
 replacement<sup>6</sup>  
 PrivateLine<sup>®</sup>: Dedicated toll-free support (800) 637-7661  
 (U.S. and Canada only)

**What's in the Box**

LightScene EV-100 Laser Projector, Fall Protection Wireset,  
 Hexagon Wrench, Projector Remote Control, 2x AA Batteries,  
 Direct Mount Unit, Power Cable Cover, 2x HDMI Cable Clamp,  
 Quick Setup Guide, Direct Mount Installation Guide

**Ordering Information**

LightScene EV-100	V11H868020
Lighting Track Mount (ELPMB54W)	V12H933W20
Floor Stand (ELPMB55W)	V12H888W10



LightScene EV-100 shown with optional Floor Stand, sold separately.

**1** 20,000 hours is the estimated projector life when used in Normal Mode. Actual hours may vary depending on mode and usage environment. The projector has a limited warranty of 3 years or 20,000 hours, whichever comes first. | **2** Memory card not included. | **3** Color brightness (color light output) and white brightness (white light output) will vary depending on usage conditions. Color light output measured in accordance with IDMS 15.4; white light output measured in accordance with ISO 21118. | **4** For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | **5** SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency. | **6** Expedited shipping not available in all areas. Road Service orders must be in by 3 p.m. Eastern Time for Next-Business-Day delivery.

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**Contact:**

