

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 operation¹, 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 slot² for direct content storage when needed

Bright visual display system — 2,000 lumens equal color and white brightness for vibrant, rich color³



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 Brightness³ Color Light Output: 2,000 lumens
White Brightness³ White Light Output: 2,000 lumens
Aspect Ratio 16:10 widescreen
Native Resolution WXGA (1280 x 800)
Light Source Laser Diode
Laser Life¹
 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 product⁴
 Epson America, Inc. is a SmartWay[®] Transport Partner⁵

Support

Epson ConnectionSM
 Pre-sales support: U.S. and Canada (800) 463-7766
 Internet website: 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 replacement⁶
 PrivateLine[®]: 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 | 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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