

LightScene® EV-110 Accent Lighting 3LCD Laser Projector



Projector

Digital Signage

The dynamic laser projector for digital art and signage.

Integrated lighting and digital projection — project dynamic, experiential content without being bound by a frame to engage audiences in retail, hospitality and event spaces, showrooms and museums

Breakthrough laser technology — features a laser light source of up to 20,000 hours of virtually maintenance-free operation¹, plus a sealed optical engine, for amazing image quality matched by outstanding performance

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

Easily programmable with the built-in media-player — which includes templates, effects, color filters and customizable options; playlist and playback function allows for seamless content management for single or multiple LightScene projectors

Creative Content Projection app² — is pre-loaded with video content and customizable features, including a touch-enabled, 4-point correction to easily upload customized content and messaging to LightScene and easily adjust to the desirable size

3-chip 3LCD image quality — with up to 2,200 lumens of equal color and white brightness³ for vibrant, rich color

Expansive connectivity — GPI motion sensing, HDMI®, RJ-45, wired and wireless LAN and Bluetooth-enabled, direct content storage and playback when needed.

Remote management and control tools — via web-based application or over the network with Crestron®, Art-Net and more

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

Scalable, for an array of applications — install multiple LightScene projectors and utilize edge blending technology for versatile, breathtaking displays



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 Brightness¹ Color Light Output: 2,200 lumens
White Brightness² White Light Output: 2,200 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" – 150" (0.88 – 4.51 m) (Zoom: Wide)
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

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)

Interfaces

1x HDMI Type A
 1x SD Card
 1x Stereo Mini Out
 1x USB Connector Type-A: For 2000 mA power supply and GPI In only.
 (this port cannot be used to transfer data)
 1x USB Connector Mini Type B: For Firmware update
 1x Wired LAN RJ-45
 IEEE 802.11b (2.4GHz): 11 Mbps*
 IEEE 802.11g (2.4GHz): 54 Mbps*
 IEEE 802.11n (2.4GHz): 72.2 Mbps*
 IEEE 802.11a (5GHz): 54 Mbps*
 IEEE 802.11n (5GHz): 150.0 Mbps*
 *Maximum speed and range is achievable when used with same enhanced mode technology. Actual features and performance may vary depending on your computer system, the environment and other factors.

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, Custom Mode: 150 W
 Quiet, Extended Mode: 111 W
 Standby Mode: 2.0 W
 Energy-saving Mode: 0.40 W
Fan Noise
 Normal Mode: 34 dB
 Quiet Mode: 22 dB
Security Enterprise Level Security Encryption
Country of Origin China

Dimensions (W x D x H)

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

Eco Features

RoHS compliant
 Epson America, Inc. is a SmartWay® Transport Partner®
 Recyclable product⁵

Support

Epson ConnectionSM
 Pre-sales support: U.S. and Canada (800) 463-7766
 Internet website: www.epson.com
Service Programs 3-year projector limited warranty or 20,000 hours, whichever comes first.
 PrivateLine[®] dedicated toll-free support (U.S. and Canada only)

What's in the Box

LightScene EV-110 Laser Projector, Remote Control, 2x AA Batteries, Direct Mount Unit, Power Cable, Power Cable Cover, 2x HDMI Cable Clamp, Quick Setup Guide, Direct Mount Installation Guide

Ordering Information

LightScene EV-110	V11HA22020
Lighting Track Mount (ELPMB66W)	V12HA32020
Floor Stand (ELPMB55W)	V12H888W10



LightScene EV-110 shown with optional Floor Stand, sold separately.

1 No required maintenance for the light source for up to 20,000 hours. Approximate time until brightness decreases 50% from first usage. Measured by acceleration test assuming use of 0.04 - 0.20 mg/m³ of particulate matter. Time varies depending on usage conditions and environment. Replacement of parts other than the light source may be required in a shorter period.
2 Requires App download. Internet connection required for download. Data usage fee may apply. **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** SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency. **5** For convenient and reasonable recycling options, visit www.epson.com/recycle