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# LightScene EV-105 Accent Lighting 3LCD Laser Projector

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

Create stunning visual displays and immersive environments with the LightScene EV-105, the cutting-edge digital signage solution from Epson. A convergence of lighting and display technology, LightScene laser projectors captivate audiences by simultaneously illuminating and projecting on virtually any surface or material, unleashing dynamic, experiential content for digital art, commercial signage and décor applications. Designed to blend in discreetly to any setting — from retail, hospitality and event spaces to showrooms and museums — LightScene EV-105 offers a sleek, black spotlight design, with an array of configuration, mounting and programming options.

**Model:** V11H868120

Overview



### Laser Light Source

Epson Projectors with Laser Light Source can operate for up to 20,000 hours virtually maintenance free.

### Three-Year Warranty

Extends the limited warranty to 3 years

### WXGA Resolution

1280 x 800 HD widescreen resolution

### Contrast Ratio

Features an extraordinary contrast ratio up to 2,500,000:1, for exceptionally deep blacks and brilliant, vivid colors

### Edge Blending

Use multiple projectors to overlap images, and there are no bright spots where the overlap occurs – providing dynamic, seamless projection.

### Projection on Non-Standard Surfaces

Project on curved surfaces or on corners

- **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, black spotlight design easily blends into its surroundings, offering vertical and horizontal rotation, with flexible mounting on tracks, floors, walls or ceilings
- **Breakthrough laser technology** — features a laser light source that lasts up to 20,000 hours<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>

## Eco Features

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

### Better Products for a Better Future™

For more information on Epson's environmental programs, go to [www.epson.com/environment](http://www.epson.com/environment)

## What's In The Box:

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- LightScene EV-105 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

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## Specifications

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### Specifications Projector:

**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:**

Epson Poly-silicon TFT Active Matrix

**Pixel Number:**

1,024,000 dots (1280 x 800) x 3

**Color Brightness - Color Light Output:**

2,000 lumens

**White Brightness - White Light Output:**

2,000 lumens

**Aspect Ratio:**

16:10 widescreen

**Resolution:**

WXGA (1280 x 800)

**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:  $\pm 45$  degrees
- Horizontal:  $\pm 40$  degrees

**Contrast Ratio:**

Up to 2,500,000:1

**Color Reproduction:**

Up to 16.7 million colors

**Light Source Life:**

20,000 hours (Normal); 30,000 hours (Extended)

**Illumination Technology:**

Laser Diode

**Power:**

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**Power Supply Voltage:**

100 – 240 V  $\pm 10\%$ , 50/60 Hz

**Power Consumption:**

- Normal mode: 173 W
- Quiet mode: 118 W
- Standby Mode: 2.0 W
- Energy-saving Mode: 0.30 W

**General:**

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**Operating Temperature:**

41° to 104° F (5° to 40° C)

**Weight:**

15.2 lb (Main unit 11.0 lb, Direct mount unit 4.2 lb)

**Security:**

Enterprise Level Security Encryption

**General Projectors:**

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**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:**

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**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)

**Remote Control:**

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**Features:**

Brightness level, A/V Mute, Focus, Zoom, Volume, Spotlight, HDMI, LAN, SD Card, Keystone, Pattern, Menu, Effect

**Operating Distance:**

23 ft (7 m)

**Operating Angle:**

- Front to Rear: 15 - 60 degrees

- Right to Left: 60 - 60 degrees
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