

## Effilux IR EFFI-Lase Structured LED Lighting Projector with Line Pattern



Effilux EFFI-Lase Structured LED Lighting Projector

Stock #22-121 **2 In Stock**

C\$1,890<sup>00</sup>

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**Note:** This item requires accessories for use | [Learn More](#)

### Product Downloads

### General

Model Number:  
EFFI-LASE-PSV-LX1-850-ZZZ

Type of Illumination:  
LED Illuminator

Manufacturer:  
Effilux

Geometry:  
3D Projector

Strobe or Constant **Illumination Mode:**

## Physical & Mechanical Properties

79.1 x 129.6 **Dimensions (mm):**

## Optical Properties

IR **Color:**

850 **Wavelength (nm):**

## Hardware & Interface Connectivity

**Power Supply:**  
Power Supply Required and Sold Separately.  
USA: [#15-874](#)  
Europe: [#15-875](#)  
Japan: [#73-409](#)  
Korea: [#73-409](#)  
China: [#15-874](#)

## Environmental & Durability Factors

0 to 40 **Operating Temperature (°C):**

## Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[Compliant](#) **Reach 224:**

[View](#) **Certificate of Conformance:**

## Product Details

- High Accuracy Without Speckle
- Wide Range of Standard Masks Available
- White, Blue, Red, and IR Colors Available
- Compatible with [C Series Fixed Focal Length Lenses](#) and [HP Series Fixed Focal Length Lenses](#) for Pattern Projection

Effilux EFFI-Lase Structured LED Lighting Projectors produce accurate, intense, and uniform lines, matrices, crosses, and arrays of points. Featuring an integrated driver board and easily interchangeable masks, these projectors are ready for plug and play use. Passive cooling and a temperature protection system ensure stable operation and help to prevent damage for long term operation. Effilux EFFI-Lase Structured LED Lighting Projectors offer the accuracy, power, and homogeneity of a laser projector without the speckle. These projectors are ideal for a range of machine vision applications such as 3D reconstruction, stereovision, and alignment.

**Note:** Masks sold separately, see accessories tab for options. Designed for use with a C-mount lens for pattern projection. 1.1" sensor lenses are recommended for masks with rectangular patterns to reduce distortion while 2/3" sensor lenses are sufficient for all other applications.