

## 27x27mm Half Mirror Coaxial Light White

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Stock #21-830 **1 In Stock**

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### SPECIFICATIONS

#### General

LFV3-G-27SW	<b>Model Number:</b>
LED Illuminator	<b>Type of Illumination:</b>
CCS	<b>Manufacturer:</b>

Coaxial Light **Geometry:**

Constant **Illumination Mode:**

## Physical & Mechanical Properties

W39 mm x D 56 mm x H 31 mm **Dimensions (mm):**

110 **Weight (g):**

27.4 mm x 27 mm **Active Area (mm):**

## Optical Properties

White **Color:**

## Electrical

5 **Power Consumption (W):**

## Hardware & Interface Connectivity

24 **Input Voltage (V):**

**Power Supply:**  
Power Supply Required and Sold Separately.  
USA: [#73-491](#)  
Europe: [#73-491](#)  
Japan: [#89-513](#)  
Korea: [#33-773](#)  
China: [#73-491](#)

## Environmental & Durability Factors

7000 **Color Temperature (K):**

## Regulatory Compliance

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

[Contains SVHC\(s\)](#) **Reach 224:**

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

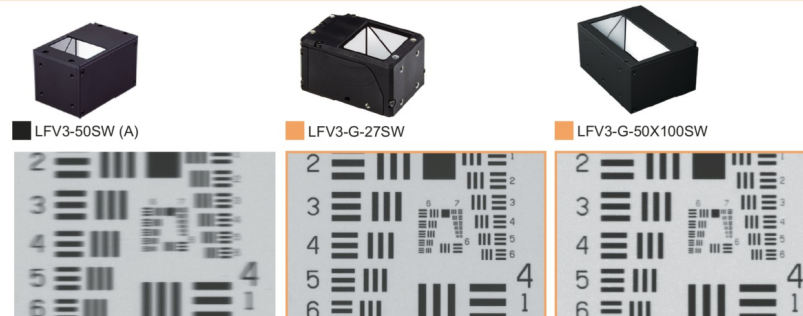
## PRODUCT DETAILS

- Unique Design Prevents Ghost Images
- Available in Red, White, and Blue
- Ideal for Use with High Resolution Cameras

CCS High-Resolution Coaxial Lights are designed to provide diffused lighting for high-resolution imaging of shiny, flat surfaces. Designed to prevent ghost reflections and achieve higher system resolution, these coaxial lights integrate a unique thin beamsplitter to minimize deviation through in the imaging path. CCS High-Resolution Coaxial Lights are ideal for industrial imaging applications including inspection of glossy surfaces, pattern detection on PCBs, and measuring dimensions of glass.

## TECHNICAL INFORMATION

### Imaging Example: Imaging Comparison of Resolution Evaluation Chart



[Imaging conditions] Camera: 2448x2048 3.45 μm monochrome camera. Lens: 2x telecentric lens. Field of view: 4.2 x 3.5 mm (the image is a cutout of about 1.3 x 1.0 mm at the center). Resolution: 1.7 μm/pixel, WD: 110 mm, LWD: 25 mm. \*The shutter speed and light intensity are adjusted for each image.