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# 50x50mm Half Mirror Coaxial Light White

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⊖ 1 ⊕ **\$4,347<sup>00</sup>**

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## Product Downloads

### General

LFV3-G-50SW **Model Number:**

LED Illuminator **Type of Illumination:**

CCS **Manufacturer:**

Coaxial Light **Geometry:**

Constant **Illumination Mode:**

## Physical & Mechanical Properties

Dimensions (mm):  
W 60 mm x D 84 mm x H 57 mm

Weight (g):  
285

Active Area (mm):  
52 mm x 52 mm

## Optical Properties

Color:  
White

## Electrical

Power Consumption (W):  
17

## Hardware & Interface Connectivity

Input Voltage (V):  
24

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

Color Temperature (K):  
7000

## Regulatory Compliance

RoHS 2015:  
[Exempt](#)

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

Certificate of Conformance:  
[View](#)

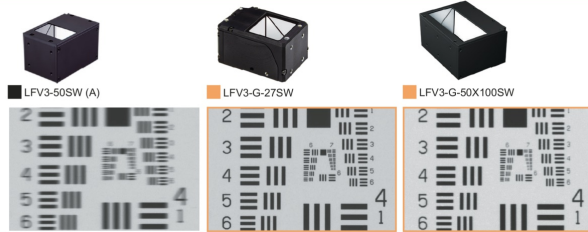
## Product Details

- 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: 244R2048 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.