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# 50x50mm Half Mirror Coaxial Light White

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Stock **#21-836** **1 In Stock**

- 1 + **C$4,347**.00

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## General

| | |
|---|---|
| **Model Number:** | LFV3-G-50SW |
| **Type of Illumination:** | LED Illuminator |
| **Manufacturer:** | CCS |
| **Geometry:** | Coaxial Light |
| **Illumination Mode:** | Constant |

## 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

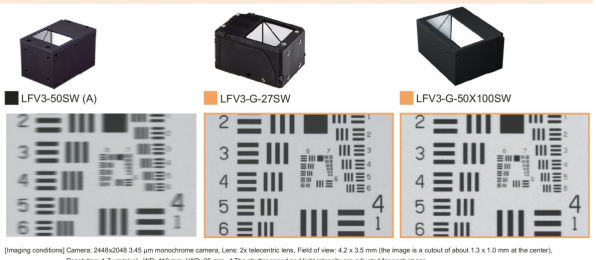
# Product Details

- 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: 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.

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