

50x50mm Half Mirror Coaxial Light Red

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Stock #21-835 **1 In Stock**

⊖ 1 ⊕ A\$4,968⁰⁰

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General

LFV3-G-50RD **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:
Red

Wavelength (nm):
630

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](#)

Regulatory Compliance

RoHS 2015:
[Exempt](#)

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

Certificate of Conformance:
[View](#)

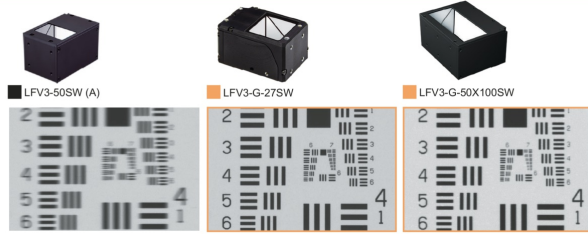
Product Details

- 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.