

# 50x50mm Half Mirror Coaxial Light Red

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

MRP ₹3,29,751

Price inclusive of all taxes

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## Product Downloads

### General

Model Number:  
LFV3-G-50RD

Type of Illumination:  
LED Illuminator

Manufacturer:  
CCS

Geometry:  
Coaxial Light

Illumination Mode:

Constant

## Physical & Mechanical Properties

**Dimensions (mm):**  
W60 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](#)

**Country of Origin:**  
United States

**Imported By:**  
Edmund Optics India Private Limited  
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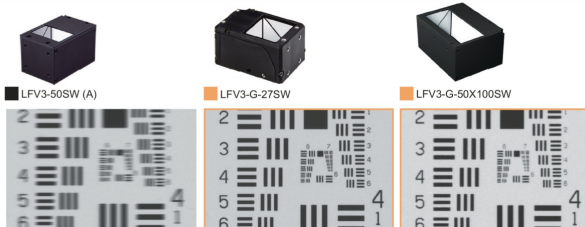
## Product Details

- 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: 24Mpixel 3.45 µm monochrome camera, Lens: 2x telephoto 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, ISO: 110 mm, LWD: 25 mm. \*The shutter speed and light intensity are adjusted for each image.