

[See all 17 Products in Family](#)

## 27x27mm Half Mirror Coaxial Light Red

See More by [CCS](#)



Stock #21-829 **1 In Stock**

⊖ 1 ⊕ £1,068<sup>00</sup>

**ADD TO CART**

### Volume Pricing

Qty 1+	£1,068.00 each
Need More?	<a href="#">Request Quote</a>

⚠ Prices shown are exclusive of VAT/local taxes

### Product Downloads

### General

LFV3-G-27RD **Model Number:**

LED Illuminator **Type of Illumination:**

CCS **Manufacturer:**

Coaxial Light **Geometry:**

Constant **Illumination Mode:**

## Physical & Mechanical Properties

W 39 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

Red **Color:**

630 **Wavelength (nm):**

## 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](#)

## Regulatory Compliance

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

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

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

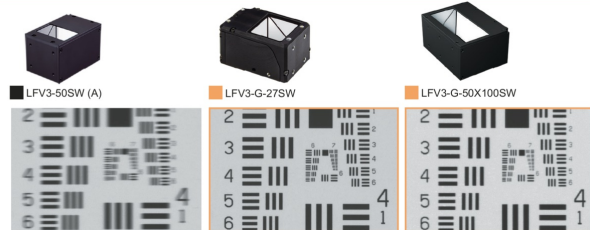
## Product Details

- 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: 24492048 3.45 µm monochrome camera, Lens: 2x telephoto lens, Field of view: 4.2 x 3.5 mm (the image is a output of about 1.3 x 1.0 mm at the center). Resolution: 1.7 µm/pixel, WFOV: 100 mm, WFOV: 25 mm. \*The shutter speed and light intensity are adjusted for each image.