

# 50x50mm Half Mirror Coaxial Light Blue

See More by [CCS](#)



Stock #21-837 **1 In Stock**

⊖ 1 ⊕ C\$4,347<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1+	C\$4,347.00 each
Need More?	<a href="#">Request Quote</a>

## Product Downloads

### General

LFV3-G-50BL **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:**  
Blue

**Wavelength (nm):**  
470

## Electrical

**Power Consumption (W):**  
15

## 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](#)

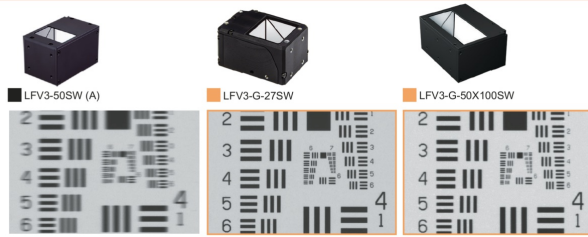
## Product Details

- 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.