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30x60mm Half Mirror Coaxial Light Blue

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Product Downloads

General

LFV3-G-30X60BL **Model Number:**

LED Illuminator **Type of Illumination:**

CCS **Manufacturer:**

Coaxial Light **Geometry:**

Constant **Illumination Mode:**

Physical & Mechanical Properties

W 68 mm x D 60 mm x H 35 mm **Dimensions (mm):**

165 **Weight (g):**

30 mm x 60 mm **Active Area (mm):**

Optical Properties

Blue **Color:**

470 **Wavelength (nm):**

Electrical

8 **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:**

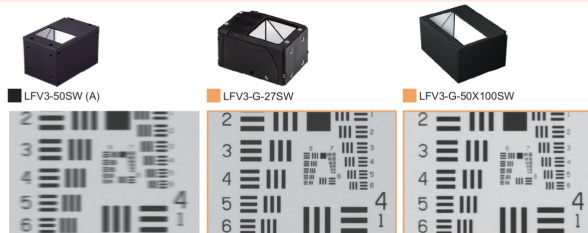
Product Details

- 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: 2448x2048 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, WD: 100 mm, WGD: 25 mm. *The shutter speed and light intensity are adjusted for each image.