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27x27mm Half Mirror Coaxial Light Blue

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General

Model Number:	LFV3-G-27BL
Type of Illumination:	LED Illuminator
Manufacturer:	CCS
Geometry:	Coaxial Light
Illumination Mode:	Constant

Physical & Mechanical Properties

Dimensions (mm):
W 39 mm x D 56 mm x H 31 mm

Weight (g):
110

Active Area (mm):
27.4 mm x 27 mm

Optical Properties

Color:
Blue

Wavelength (nm):
470

Electrical

Power Consumption (W):
5

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

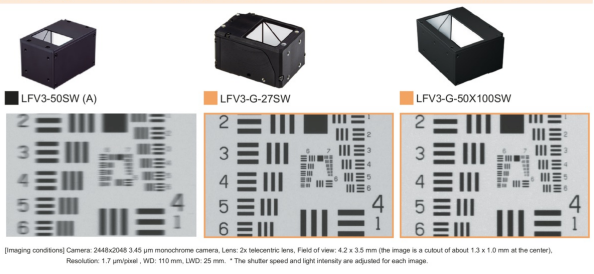
Product Details

- 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.

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