

Dome Lights

LAV series

Refer to our website for product details.

CCS LAV

Search



You can also use your smartphone or cell phone.

Use a search engine.

Provides diffused light evenly using a mechanism that combines a diffused lighting and a coaxial lighting



Applications Faulty plating inspection, inspection of a sealed target, inspection for foreign material attached to a glossy surface, character recognition and text inspection for glossy surfaces, and dimension measuring for electronic parts, etc.

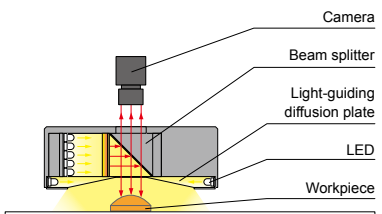
Characteristics

This Light Unit combines diffused lighting and a coaxial lighting. It can evenly perform uniform illumination for glossy, curved workpieces.

We accept custom orders. Please feel free to inquire.

- Change to format
- Increase brightness
- Change to wavelength, etc.

Example configuration (LAV-80)

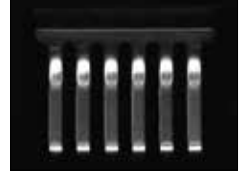


Imaging example: Exterior imaging of a connector pin



Workpiece: Connector pin

LED Ring Light



It is difficult to illuminate the whole thing evenly to form an image of the exterior.

LAV-80RD2



It is possible to illuminate the whole thing evenly to form an image of the exterior.

Lineup

Model name	LED color	Power consumption	Peak wavelength/ correlated color temperature	Options	Recommended Control Units	Weight
LAV-80RD2	Red	24 V / 3.6 W	630 nm	-	<input type="checkbox"/> PD3 <input type="checkbox"/> PTU2	190 g
LAV-80SW2	White	24 V / 5.0 W	5,500 K			
LAV-80BL2	Blue		470 nm			
LAV-80GR2	Green		525 nm			

* Use a 2-channel Control Unit.

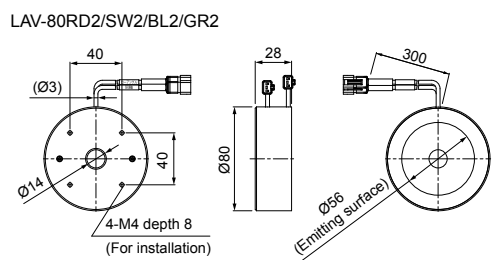
LED Properties: Light Spectrum ▶ P.234

Extension Cables ▶ P.222

Control Unit Selection Guide ▶ P.181

Control Unit Page ▶ P.185

Dimensions (mm)



Illumination part	Power consumption
Coaxial illumination part	Red: 1.0 W White/Blue/Green: 1.6 W
Diffused illumination part	Red: 2.6 W White/Blue/Green: 3.4 W

If adjusting the intensity for each part separately, use a 2-channel Control Unit.

You can change the connectors of the Light Unit cable. Choose between M12 connectors and flying leads. Refer to P.125 for details.

We have various materials.

PDF Drawings

DXF Drawings

3D CAD

Instruction Guides

Product Filters

Imaging Samples

Data Sheets

Examples of Custom Ordered Products

Download here. <http://www.ccs-grp.com/dl/>