Spot Lighting

Spot Lights
LV Series

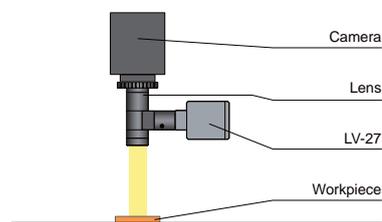# Provides spot lighting using original converging technology

LV-27SW2
LV-27BL2
LV-27GR2
LV-27RD2

Features

Spot Light with tip radius of Ø8 mm and emitting surface of Ø6 mm. Can be used embedded into the coaxial illuminating section of a telecentric lens or macro lens.

We accept custom orders. Please feel free to inquire.
• Shape modifications
• Brightness increases
• Changes in wavelength, etc.

Example configuration (LV-27)

Camera
Lens
LV-27
Workpiece

Lightweight, compact design

With its lightweight and compact design, it doesn't take up much room and is perfect for saving space.

Spot Light with low power consumption

The LV series consumes 0.8 W (for red) of power, and can be used for saving energy.

Lineup

Model name	LED color	Power consumption	Peak wavelength / correlated color temperature	Options	Extension cables	Recommended Control Units		Weight
LV-27RD2	Red	24 V / 0.8 W	630 nm	–	FCB*2 Straight Cable	PD3	CC-ST-1024	40 g
LV-27SW2	White	24 V / 0.4 W	5,500 K		FCB-W*3 2-branch Cable			
LV-27BL2	Blue	24 V / 0.4 W	470 nm		FCB-F 4-branch Cable	PSB	POD*1	
LV-27GR2	Green	24 V / 0.6 W	525 nm		FRCB Robot Cable			

*1 The cables with a model name that ends with "-ME7", "-EL2", "-PF", or "-PF-EL9" are not included.
*2 The cables with a model name that ends with "-EL2" are not included.

Dimensions (mm)

LV-27RD2/SW2/BL2/GR2

Ø6 (Emitting surface)
Ø27
Ø14
Ø8
50
8
30
300
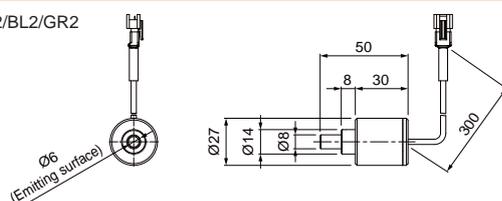
You can change the connectors of the Light Unit cable. Choose between M12 connectors and flying leads. Refer to P.5 for details.

| Note | • Use as a Spot Light for directly illuminating the workpiece.
• In addition to Light Units with a tip radius of Ø8 mm, we also offer Ø10 mm and Ø12 mm as custom orders. |

Various technical documents available.
PDF Drawings | DXF Drawings | Product Brochures | Instruction Guides | 3D CAD | Data Sheets | Imaging Examples | Digital Catalogs

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