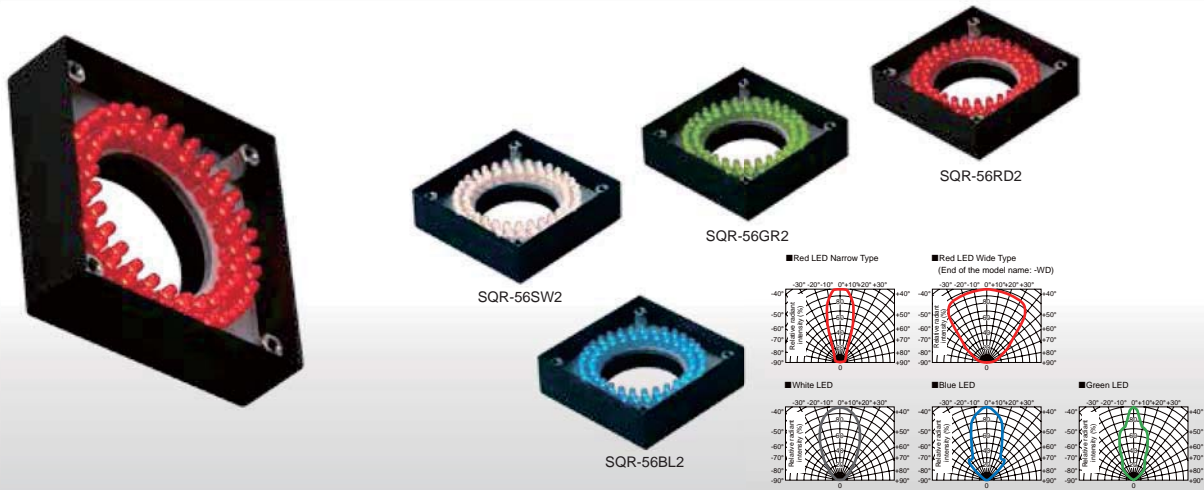


Provides direct light from the upper section



**Applications**

Character recognition, visual inspection, inspections for damage or stains, reading 2-dimensional code, inspecting parts on boards, etc.

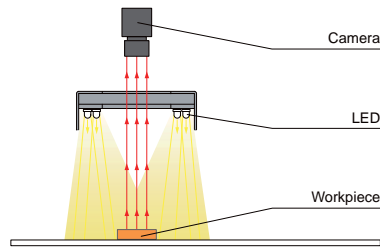
**Features**

Rings of bullet-shaped LEDs mounted on a square case. LEDs are mounted on a flat circuit board to illuminate direct light on the workpiece from above.

We accept custom orders. Please feel free to inquire.

- Shape modifications
- Brightness increases
- Changes in wavelength, etc.

**Example configuration (SQR-56)**



**Imaging example: Imaging text on paper labels**



Workpiece: Beverage bottles

**LED Ring Light**



Illuminated light converges in the center, making stable inspection difficult.

**SQR-56SW2**



The whole thing is evenly and brightly illuminated, making it possible to take an image of the label text.

**Lineup**

End of the model name: -WD: Wide type

Model name	LED color	Power consumption	Peak wavelength / correlated color temperature	Options	Extension cables	Recommended Control Units	Weight
SQR-56RD2	Red	24 V / 3.1 W	630 nm	Diffusion plate Polarizing plate	FCB <sup>1</sup> Straight Cable FCB-W <sup>3</sup> 2-branch Cable FCB-F 4-branch Cable FRCB Robot Cable	PD3 CC-ST-1024 PSB POD <sup>1</sup>	75 g
SQR-56RD2-WD							
SQR-56SW2	White	24 V / 3.8 W	5,500 K				
SQR-56BL2	Blue		470 nm				
SQR-56GR2	Green		525 nm				

LED Properties: Spectral Distribution ▶ P.326

Options ▶ P.299

Extension Cables ▶ P.308

Control Unit Selection Guide ▶ P.251

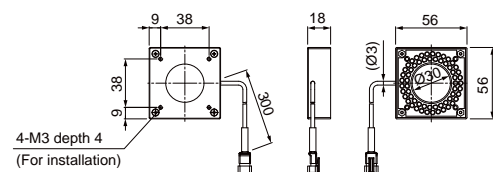
List of Control Unit Specifications ▶ P.253

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

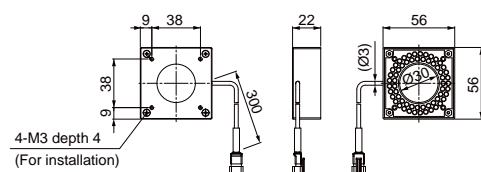
\*2 The cables with a model name that ends with "-EL2" are not included.

**Dimensions (mm)**

SQR-56RD2/RD2-WD



SQR-56SW2/BL2/GR2



You can change the connectors of the Light Unit cable. Choose between M12 connectors and flying leads. Refer to P.5 for details.