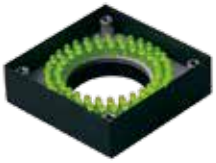
Ring Lights
SQR series

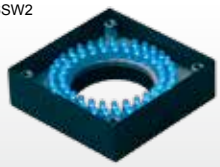
Refer to our website for product details.
CCS SQR ▶ Search
For quick access.
You can also use your smartphone or cell phone.

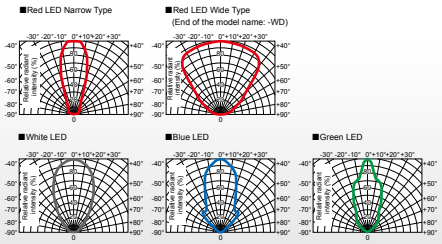
Provides direct light from the upper section


SQR-56SW2


SQR-56GR2


SQR-56RD2


SQR-56BL2



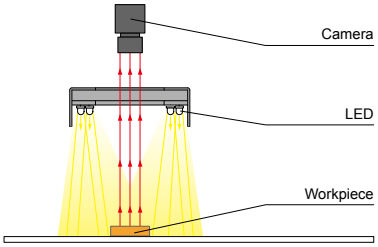
Applications Character recognition, visual inspection, inspections for damage or stains, reading 2-dimensional code, inspecting parts on boards, etc.

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 of text on a label


Workpiece: Beverage bottle

■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

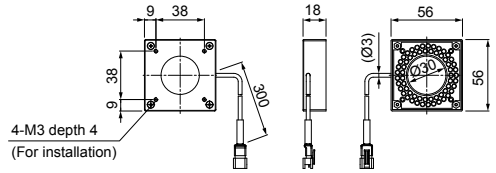
Model name	LED color	Power consumption	Peak wavelength/ correlated color temperature	Options	Extension cables	Recommended Control Units	Weight
SQR-56RD2	Red	24 V / 3.1 W	630 nm	Diffusion plate, Polarizing plate	FCB*2 Straight Cable, FCB-W 2-branch Cable, FCB-F 4-branch Cable, FRCB Robot Cable	PD3, CC-ST-1024, PSB, POD*1	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.306 | Options ▶ P.287 | Extension Cables ▶ P.296 | Control Unit Selection Guide ▶ P.243 | List of Control Unit Specifications ▶ P.245

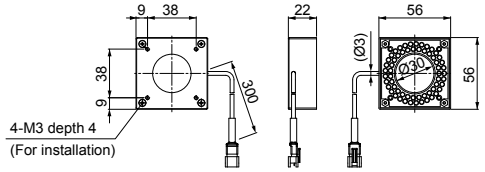
*1 For information on the combination of Light Units and POD-series Control Unit, please refer to our website. http://www.ccs-grp.com/lnk/qr/pod
*2 The cables with a model name that ends with "-ME7" or "-EL2" are not included.

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.

Various technical documents available.
PDF Drawings | DXF Drawings | 3D CAD | Instruction Guides | Product Fliers | Imaging Samples | Data Sheets | Examples of Custom Ordered Products
Download here. http://www.ccs-grp.com/dl/