

Low-angle Ring Lights

SQR-TP series

Refer to our website for product details.

CCS SQR-TP

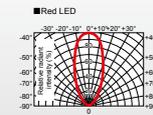
Search



You can also use your smartphone or cell phone.

For quick access.

Provides direct light at a low angle from an angled emitting part



Applications Visual inspections for metal parts; inspection for damage or stains on electronic parts; inspection for damage to resin parts; inspection for damage to glass edges; inspection for damage to stain finishing; etc.

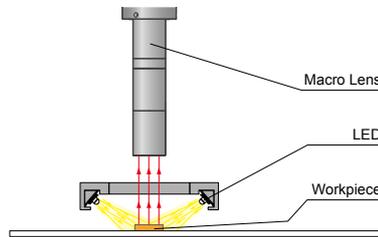
Features

Rings of surface-mounted LEDs mounted on a square case. Provides direct light at a low angle from an angled emitting part.

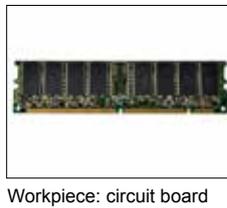
We accept custom orders. Please feel free to inquire.

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

Example configuration (SQR-TP-34RD)



Imaging example: Imaging of text on a circuit board



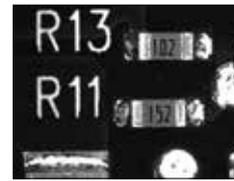
Workpiece: circuit board

Macro lens + LED Spot Light



It is difficult to recognize the surface status using coaxial illumination.

SQR-TP-34RD



Can make an image of the text on the circuit board, the text on the chip, and the soldering plating.

Lineup

Model name	LED color	Power consumption	Peak wavelength	Options	Extension cables	Recommended Control Units	Weight				
SQR-TP-28RD	Red	24 V / 0.5 W	638 nm	-	FCB*2 Straight Cable FCB-W 2-branch Cable FCB-F 4-branch Cable FRCB Robot Cable	<table border="1"> <tr> <td>PD3</td> <td>CC-ST-1024</td> </tr> <tr> <td>PSB</td> <td>POD*1</td> </tr> </table>	PD3	CC-ST-1024	PSB	POD*1	15 g
PD3		CC-ST-1024									
PSB	POD*1										
SQR-TP-34RD	24 V / 0.9 W	16 g									

LED Properties: Spectral Distribution ▶ P.290

Extension Cables ▶ P.280

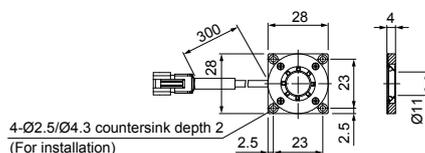
Control Unit Selection Guide ▶ P.229

List of Control Unit Specifications ▶ P.231

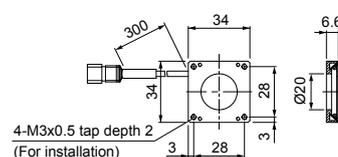
*1 For information on the combination of Light Units and POD-series Control Unit, please refer to our website. <http://www.ccs-grp.com/lnk/qr/pod>
*2 The cables with a model name that ends with "-ME7" or "-EL2" are not included.

Dimensions (mm)

SQR-TP-28RD



SQR-TP-34RD



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

You can inquire using our website.

Requests for Light Unit Selection

Requests for Loan Products

Requests for Estimates

Requests for a Catalog

Product Inquiries

Other Inquiries

Inquire on our website here. <http://www.ccs-grp.com/contact/>

Direct Lighting

- LDR2
- LDR2-LA
- LDR-LA1
- SQR
- SQR-TP

Diffused Lighting

- HPR2
- LFR
- LKR
- FPR
- FPQ2
- LDL2
- LDLB
- HLDL2
- HL
- TH2 (5 types)
- TH
- LFL
- HPD2
- LDM2
- LAV
- PDM
- LFX3
- LFX3-PT
- LFX2
- LFV3

Direct Lighting

- MSU
- MFU
- PF
- HLDR-IP/IO/HSL-PCL
- UV2
- UV
- LNSP-UV-FN

IR2

- IU

Spot Lighting, Etc.

- HLV2
- LV
- LSP
- HFS/HFR
- HLV2-NR
- HLV2-3M-RGB-3W
- PFBR
- PFB2

Convergent Lighting

- LNLP
- LNSP2
- LNSP
- Coaxial Units
- LN/SP-FN
- LN/LN-HK

Diffused Lighting

- LNLD
- LND2
- HLND
- LT
- LN/HLDN

Oblique Angled Lighting

- LNDG
- LNIS
- LNIS-FN

Lenses

- Telecentric Lens
- Macro Lens