

Low-angle Ring Lights

SQR-TP series

Refer to our website for product details.

CCS SQR-TP

Search

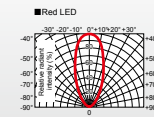


You can also use your smartphone or cell phone.

For quick access.

Direct Lighting	LDR2
	LDR2-LA
	LDR-LA1
	SQR
	SQR-TP
Diffused Lighting	HPR2
	LFR
	LKR
	FPR
	FPQ2
Direct Lighting	LDL2
	LDLB
	HLDL2
	HL
	TH2 (5 types)
	TH
	LFL
	HPD2
Diffused Lighting	LAV
	LDM2
	PDM
	LFX3
	LFX3-PT
	LFX2
	LFV3
Coaxial Lighting	MSU
	MFU
Strobe Lighting	PF
Water-proof Lighting	HLDR-IP/ IQ/HSL-PCL
Ultraviolet Lighting	UV2
	UV
	LNSP-UV-FN
Infrared Lighting	IR2
Intensity Control	IU
	HLV2
	LV
Spot Lighting, Etc.	LSP
	HFS/HFR
	HLV2-NR
	HLV2-3M-RGB-3W
	PFBR
	PFB2
Convergent Lighting	LNLP
	LNSP2
	LNSP
	Coaxial Units
	LNSP-FN
	LN/LN-HK
Diffused Lighting	LNSD
	LND2
	HLND
	LT
	LNV/HLDN
Oblique Angled Lighting	LNDG
	LNIS2
	LNIS
	LNIS-FN
Lenses	Telecentric Lens
	Macro Lens

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

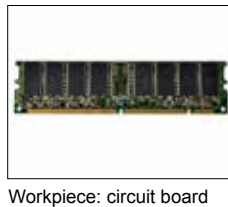
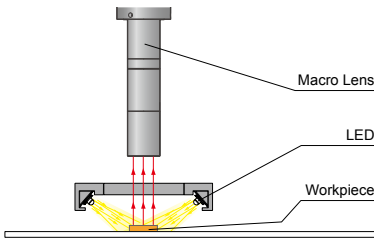
Rings of surface-mounted LEDs mounted on a square case. Provides direct light at a low angle from an angled emitting part.

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.306

Extension Cables ▶ P.296

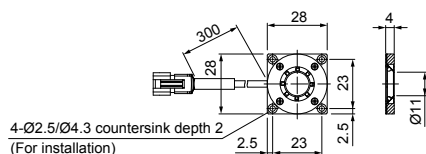
Control Unit Selection Guide ▶ P.243

List of Control Unit Specifications ▶ P.245

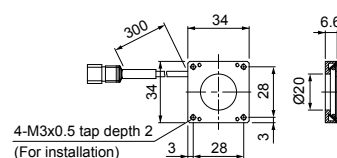
*1 For information on the combination of Light Units and POD-series Control Unit, please refer to our website. <http://www.ccs-grp.com/lnk/qr/pod>
*2 The cables with a model name that ends with "-ME7" or "-EL2" are not included.

Dimensions (mm)

SQR-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/>