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50mm Dia IR Ring Light

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CCS High-Angle LED Ring Lights

Stock #21-840 **2 In Stock**

- 1 +

€1.055^{,00}

ADD TO CART

Volume Pricing	
Qty 1+	€1.055,00 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads	
STEP:step	PDF Drawing:pdf
IGES:igs	eDrawing:eprt
EO Spec Sheet	Download All

Note: This item requires accessories for use | [Learn More](#)

General

Model Number:	LDR2-50IR2-940	Type of Illumination:	LED Illuminator
Manufacturer:	CCS	Geometry:	High-Angle Ring Light
Illumination Mode:	Constant		

Physical & Mechanical Properties

Dimensions (mm):	OD: 50, ID: 28, Height: 16	Weight (g):	50
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Optical Properties

Color:	IR	Wavelength (nm):	940
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Electrical

Power Consumption (W):	3.8
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Hardware & Interface Connectivity

Input Voltage (V):	24	Power Supply:	Power Supply Required and Sold Separately: USA: #73-491 Europe: #73-491 Japan: #89-513 Korea: #33-773 China: #73-491
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Regulatory Compliance

RoHS 2015: **Exempt**

Reach 224: **Contains**

Certificate of Conformance: **View**

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Product Details

- High-Angle, Direct Lighting for Uniform Intensity
- Designed for Constant Output Power for Prolonged Use
- Ideal for Brightfield Illumination

CCS High-Angle LED Ring Lights provide illumination at a high angle of incidence for brightfield imaging applications. High density LED mounting and a flexible circuit board ensures uniform illumination intensity across all sizes of ring lights. These high-angle LED ring lights are designed to maintain constant output power over prolonged periods. CCS High-Angle LED Ring Lights alleviate the influence of slight differences in position or inclination of a sample for stable imaging and are ideal for industrial and manufacturing applications.

3D-Printable Mount Files



Ring Light Configuration

[Download Now](#)

Designed for use with the [Articulating Arm Mounting Systems](#), these 3D-printed mounts allow easy positioning of lights in brightfield or darkfield setups. The design is based on mounting illumination to ¼-20" breadboards or into 80/20 extrusion systems, but can be adapted based on user needs. Mounts are available for ring, bar, line, and inline spot lights.



Application Note

Illumination Mounts for Machine Vision Applications
[Read >>](#)



Video

Assembly of 3D Printed Mounts for Common Illumination Geometries
[Watch >>](#)

Technical Information

Accessories

Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

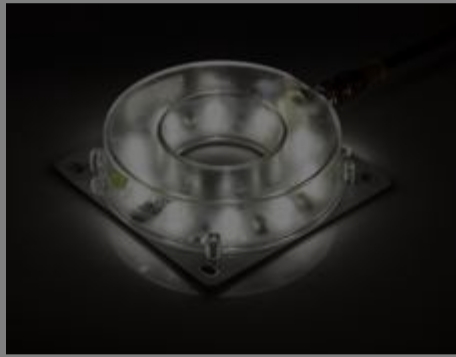
	Title	Compare	Stock Number	Price	Buy
MORE+	24V Power Supply with Tinned Leads		#66-855	€95,00 Request Quote	6 In Stock <input type="text" value="1"/>
MORE+	24V Power Supply with FCB Cable		#73-491	€136,00 Request Quote	CONTACT US <input type="text" value="1"/>
MORE+	Basic Digital Controller, 24V, 2 Channels		#19-969	€725,00 Request Quote	1 In Stock <input type="text" value="1"/>
MORE+	Advanced Digital Controller, 24V, 3 Channels		#19-970	€1.045,00 Request Quote	CONTACT US <input type="text" value="1"/>
MORE+	SM Controller Cable, 5m		#19-971	€49,50 Request Quote	3 In Stock <input type="text" value="1"/>

	Title	Compare	Stock Number	Price	Buy
MORE+	Controller Cable FCB-5-Fl Flying Leads		#20-171	€49,50	1 In Stock <input type="text" value="1"/>
MORE+	Controller Cable				CONTACT US <input type="text" value="1"/>
MORE+	Controller Cable FCB-1-Fl				3 In Stock <input type="text" value="1"/>

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Ring Lights



Fixed Focal Length Lenses



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Cameras

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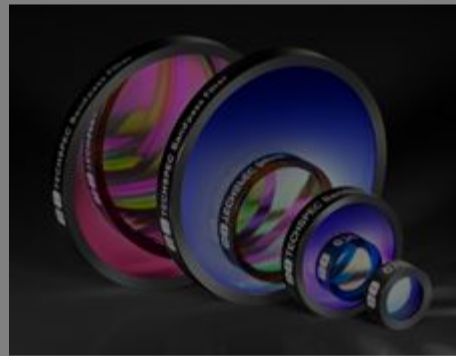
#49-800 - M25.5 x 0.5 Mounted IR Cut-Off Filter
€204,00

Qty



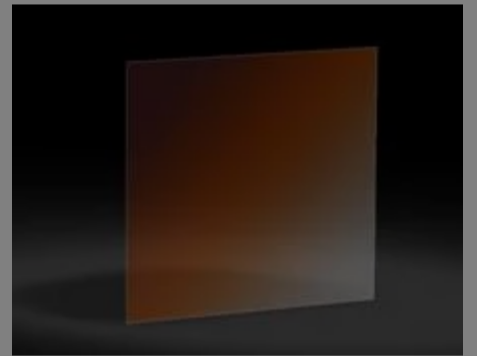
#54-630 - 15mm Length, C-Mount Extension Tube
€36,75

Qty



#65-170 - 650nm CWL, 25mm Dia., Hard Coated OD 4.0 10nm Bandpass Filter
€278,00

Qty



#12-293 - SCHOTT AS87ECO, 10 x 20mm, 0.1mm Thick, Ultra-Thin Window
€34,50

Qty