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## SWIR 1200nm Adjustable Ring Light



Efflux SWIR LED Ring Lights

Stock **#28-623** [CONTACT US](#)

⊖ 1 ⊕ C\$6,216<sup>00</sup>

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### Product Downloads

#### General

EFFI-RING-1200-KIT-CW **Model Number:**

- **Number of LEDs:**

LED Illuminator **Type of Illumination:**

>90% **Uniformity (%):**

Efflux **Manufacturer:**

Ring Light	<b>Geometry:</b>
Strobed or Constant	<b>Illumination Mode:</b>
<b>Physical &amp; Mechanical Properties</b>	
58.0	<b>Inner Diameter (mm):</b>
151.0 W x 117.0 L x 40.0 H	<b>Dimensions (mm):</b>
400	<b>Weight (g):</b>
100 x 100	<b>Active Area (mm):</b>
<b>Optical Properties</b>	
SWR	<b>Color:</b>
1,200	<b>Wavelength (nm):</b>
<b>Hardware &amp; Interface Connectivity</b>	
M12, 5 pins	<b>Connector:</b>
24VDC	<b>Input Voltage (V):</b>
<b>Power Supply:</b> Power Supply Required and Sold Separately. USA: <a href="#">#15-874</a> Europe: <a href="#">#15-875</a> Japan: <a href="#">#73-409</a> Korea: <a href="#">#73-409</a> China: <a href="#">#15-874</a>	
<b>Threading &amp; Mounting</b>	
M4 (x4) and 3.5mm Thru (x4)	<b>Mount:</b>
<b>Environmental &amp; Durability Factors</b>	
-10 to 50	<b>Operating Temperature (°C):</b>
IP65	<b>Environmental Rating:</b>
<b>Regulatory Compliance</b>	
<a href="#">View</a>	<b>Certificate of Conformance:</b>

## Product Details

- Full Range of SWR Wavelengths Available
- High Intensity and Uniform Lighting
- Adjustable Illumination Angles

Effilux SWR LED Ring Lights provide intense and uniform lighting for machine vision, sorting and silicon inspection applications. Available in wavelengths of 1050, 1200, 1300, 1450, 1550, and 1650nm. These ring lights feature adjustable lens positions and illumination angles for added flexibility. Effilux SWR LED Ring Lights are ideal complements for applications utilizing TECHSPEC® C Series Fixed Focal Length SWR Lenses, TECHSPEC® SilverTL™ SWR Telecentric Lenses and LUCID Vision Labs Triton™ GigE Power over Ethernet (PoE) SWR Cameras or Teledyne FLIR IIS Forge 1GigE SWR Cameras.

**Note:** Included with the ring lights are one semi diffuse window and one 25° lens position kit.

[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 1/4-20" 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  
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