

SWIR 1450nm Adjustable Ring Light



Effilux SWIR LED Ring Lights

Stock #28-625 **1 In Stock**

S\$5,595⁰⁰

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Volume Pricing	
Qty 1+	S\$5,595.00 each
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Product Downloads

General

EFFI-RING-1450-KIT-CW	Model Number:
-	Number of LEDs:
LED Illuminator	Type of Illumination:
>90%	Uniformity (%):
Effilux	Manufacturer:

Ring Light	Geometry:
Strobed or Constant	Illumination Mode:
Physical & Mechanical Properties	
58.0	Inner Diameter (mm):
151.0 W x 117.0 L x 40.0 H	Dimensions (mm):
400	Weight (g):
100 x 100	Active Area (mm):
Optical Properties	
SWIR	Color:
1,450	Wavelength (nm):
Hardware & Interface Connectivity	
M12, 5 pins	Connector:
24V DC	Input Voltage (V):
Threading & Mounting	
M4 (x4) and 3.5mm Thru (x4)	Mount:
Environmental & Durability Factors	
-10 to 50	Operating Temperature (°C):
IP65	Environmental Rating:
Regulatory Compliance	
View	Certificate of Conformance:

Product Details

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

Efilux SWIR 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. Efilux SWIR LED Ring Lights are ideal complements for applications utilizing TECHSPEC® C Series Fixed Focal Length SWIR Lenses, TECHSPEC® SilverTL™ SWIR Telecentric Lenses and LUCID Vision Labs Triton™ GigE Power over Ethernet (PoE) SWIR Cameras or Teledyne FLIR IIS Forge 1GigE SWIR 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

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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](#) 