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SWIR 1050nm Adjustable Ring Light

Effilux SWIR LED Ring Lights

Stock **#28-622** CONTACT US

- 1 + **A$6,394**.00

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Qty 1+	**A$6,394.00** each
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General

Model Number:	EFFI-RING-1050-KIT-CW
Number of LEDs:	-
Type of Illumination:	LED Illuminator
Uniformity (%):	>90%
Manufacturer:	Effilux

Geometry:
Ring Light

Illumination Mode:
Strobed or Constant

Physical & Mechanical Properties

Inner Diameter (mm):
58.0

Dimensions (mm):
151.0 W x 117.0 L x 40.0 H

Weight (g):
400

Active Area (mm):
100 x 100

Optical Properties

Color:
SWIR

Wavelength (nm):
1,050

Hardware & Interface Connectivity

Connector:
M12, 5 pins

Input Voltage (V):
24V DC

Power Supply:
Power Supply Required and Sold Separately:
USA: **#15-874**
Europe: **#15-875**
Japan: **#73-409**
Korea: **#73-409**
China: **#15-874**

Threading & Mounting

Mount:
M4 (x4) and 3.5mm Thru (x4)

Environmental & Durability Factors

Operating Temperature (°C):
-10 to 50

Environmental Rating:
IP65

Regulatory Compliance

Certificate of Conformance:
View

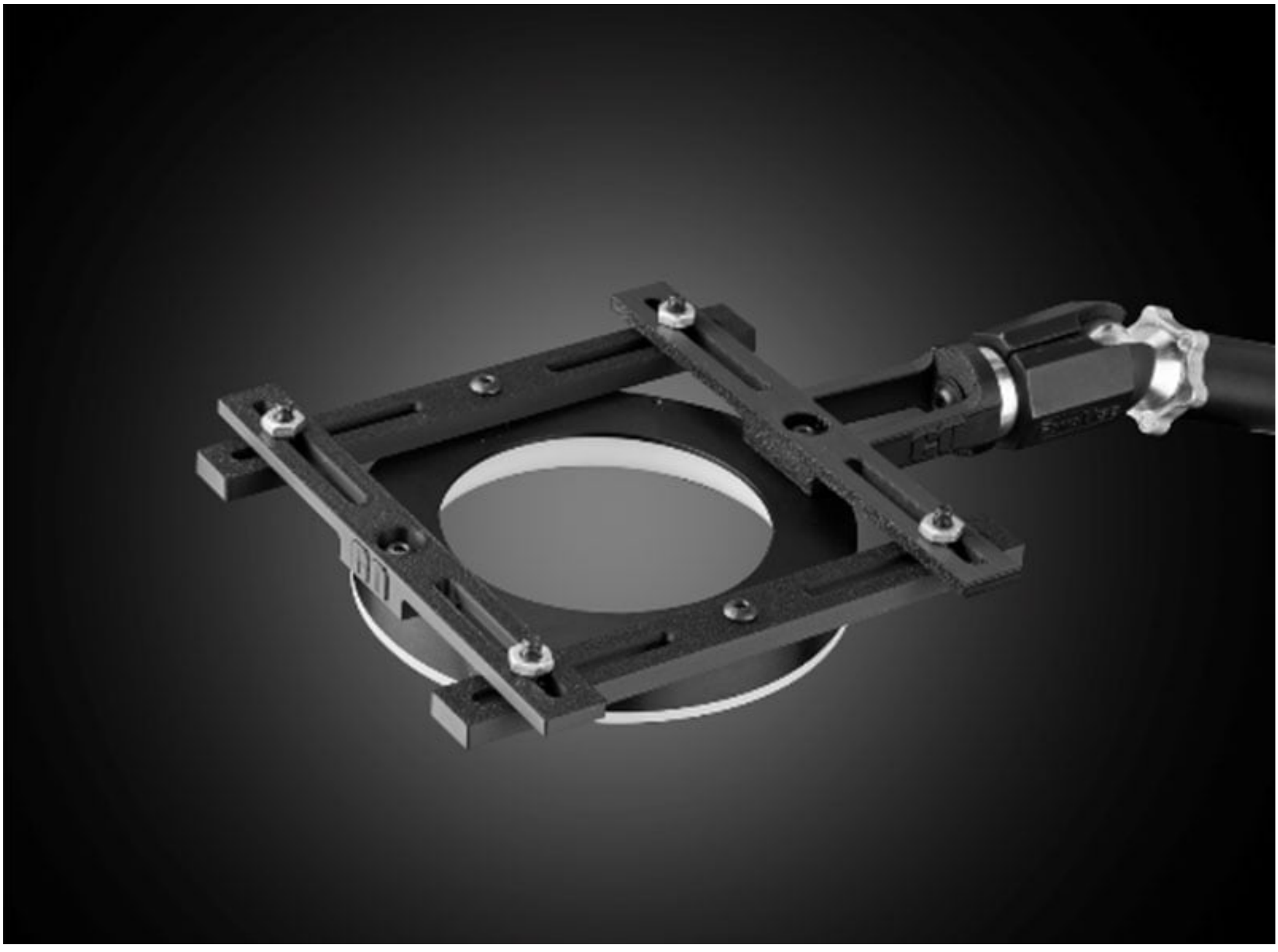
Product Details

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

Effilux 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 Effilux 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