

SWIR 1550nm Adjustable Bar Light



Effilux SWIR LED Bar Lights

Stock **#28-620** [CONTACT US](#)

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1

+

C\$2,100⁰⁰

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Qty 1+	C\$2,100.00 each
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Product Downloads

General	
Model Number:	EFFI-FLEX-5-1550-KIT-ELS-1000-24V
Number of LEDs:	5
Type of Illumination:	LED Illuminator
Manufacturer:	Effilux
Geometry:	Bar Light

Strobed or Constant		Illumination Mode:
Physical & Mechanical Properties		
51.0 W x 135.0 L x 49.0 H		Dimensions (mm):
360		Weight (g):
Optical Properties		
SWIR		Color:
1,550		Wavelength (nm):
Hardware & Interface Connectivity		
M12, 4 pins		Connector:
24VDC		Input Voltage (V):
Power Supply Required and Sold Separately: USA: #15-874 Europe: #15-875 Japan: #73-409 Korea: #73-409 China: #15-874		Power Supply:
Threading & Mounting		
2 Rails (1 for M6 T-Nuts)		Mount:
Environmental & Durability Factors		
0 to 50		Operating Temperature (°C):
IP50		Environmental Rating:
Regulatory Compliance		
View		Certificate of Conformance:

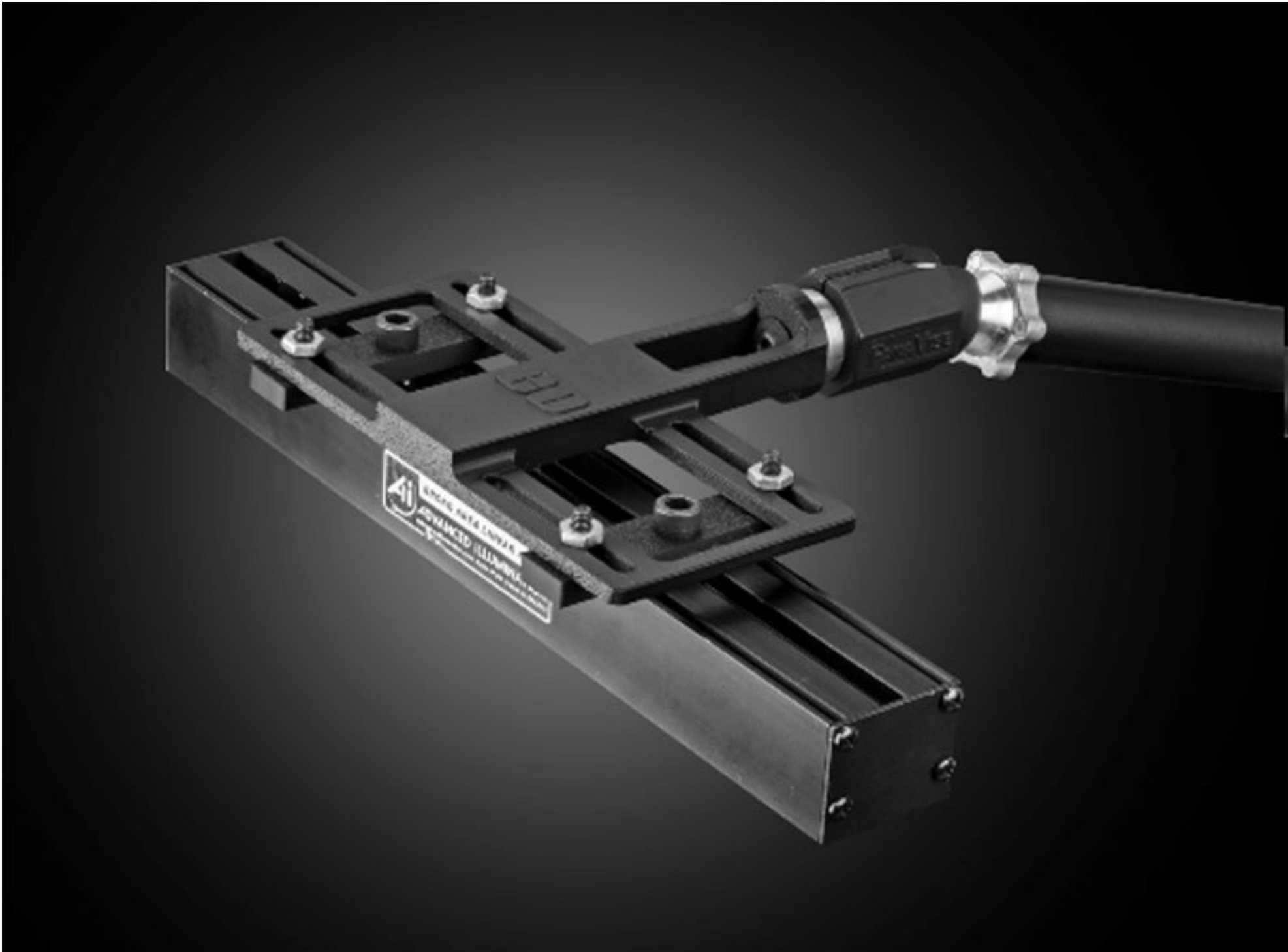
Product Details

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

Effilux SWIR LED Bar 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 bar lights feature adjustable lens positions and illumination angles for added flexibility. Effilux SWIR LED Bar 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 bar lights are one semi diffuse window and one 25° lens position kit.

3D-Printable Mount Files



Bar or Line 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

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