

SWIR 1650nm Adjustable Bar Light






Effilux SWIR LED Bar Lights

Stock #28-621 **2 In Stock**

1 **S\$1,890^{.00}**

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Product Downloads	
 User Manual:pdf	
 EO Spec Sheet	 Download All

General

Model Number:	EFFI-FLEX-5-1650-KIT-ELS-600-24V	Number of LEDs:	5
Type of Illumination:	LED Illuminator	Manufacturer:	Effilux
Geometry:	Bar Light	Illumination Mode:	Strobed or Constant

Physical & Mechanical Properties

Dimensions (mm):	51.0 W x 135.0 L x 49.0 H	Weight (g):	360
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Optical Properties

Color:	SWIR	Wavelength (nm):	1,650
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Hardware & Interface Connectivity

Connector:	M12, 4 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:	2 Rails (1 for M6 T-Nuts)
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Environmental & Durability Factors

Operating Temperature (°C):	0 to 50	Environmental Rating:	IP50
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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 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
[Watch >>](#)

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+	Vertical Mounting Bracket		#34-867	S\$278.60 Request Quote	1 In Stock <input type="text" value="1"/>
MORE+	Right Angle Mounting Bracket		#34-868	S\$292.00 Request Quote	1 In Stock <input type="text" value="1"/>
MORE+	M12 Female to Male, 5 pin, 2m		#34-869	S\$71.00 Request Quote	CONTACT US <input type="text" value="1"/>
MORE+	M12 Female to Bare Leads, 5 pin, 2m		#34-870	S\$52.00 Request Quote	CONTACT US <input type="text" value="1"/>
MORE+	Polarizer Accessory for 5 LED Bar Light		#34-882	S\$71.00 Request Quote	CONTACT US <input type="text" value="1"/>
MORE+	Linescan Accessory for 5 LED Bar Light		#34-883	S\$174.00 Request Quote	1 In Stock <input type="text" value="1"/>
MORE+	M6 T-Nut (includes M6 x 14 screw)		#34-888	S\$13.00 Request Quote	CONTACT US <input type="text" value="1"/>
MORE+	Swivel Mounting Accessory		#34-889	S\$99.00 Request Quote	CONTACT US <input type="text" value="1"/>

	Title	Compare	Stock Number	Price	Buy
MORE+	Power Supply for Effilux Lights, US Type Adapter		#15-874	S\$366.00 Request Quote	CONTACT US <input type="text" value="1"/>
MORE+	Intensity Adjustment Potentiometer for Effilux RGB LED Lights		#15-876	S\$530.00 Request Quote	CONTACT US <input type="text" value="1"/>
MORE+	Power Supply for Effilux Lights, UK Type Adapter		#73-683	S\$361.00 Request Quote	CONTACT US <input type="text" value="1"/>
MORE+	Power Supply for Effilux Lights, CN Type Adapter		#73-684	S\$361.00 Request Quote	CONTACT US <input type="text" value="1"/>
MORE+	Intensity Adjustment Dimmer for Effilux LED Lights		#75-337	S\$303.00 Request Quote	CONTACT US <input type="text" value="1"/>

Related Products



C Series Fixed Focal Length SWIR Lenses



SilverTL™ SWIR Telecentric Lenses

Frequently Purchased Together



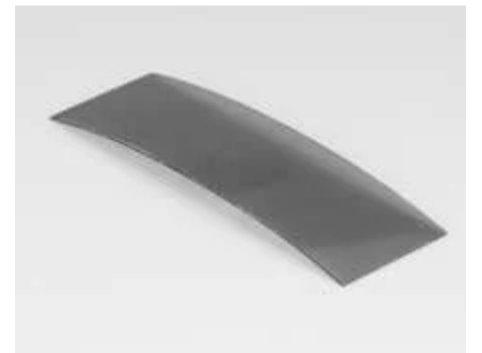
#34-889 - Swivel Mounting Accessory
S\$99.00



#34-869 - M12 Female to Male, 5 pin, 2m
S\$71.00



#34-870 - M12 Female to Bare Leads, 5 pin, 2m
S\$52.00



#34-882 - Polarizer Accessory for 5 LED Bar Light
S\$71.00