Blue 470nm, MicroBrite Ultra High Intensity Bar Light

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Stock **#18-542**   **1 In Stock**

⊖   1   ⊕   **£500**^{00}

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Volume Pricing	
Qty 1+	**£500.00** each
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Product Downloads

General

Model Number:
AL295-150470IC

LED Lifetime (hours):
50,000

Type of Illumination:
LED Illuminator

Note:
Optional Manual Intensity Adjustment **#86-887** and **#89-555** are Available

	Manufacturer:
Advanced Illumination	
	Geometry:
Bar Light	
	Illumination Mode:
Constant	

Physical & Mechanical Properties

	Dimensions (mm):
165.6 x 20.1 x 20.1	
	Weight (g):
68.9	

Optical Properties

	Color:
Blue	
	Wavelength (nm):
470	

Electrical

	Maximum Input Current:
0.27A	

Hardware & Interface Connectivity

	Connector:
Flying Leads	
	Input Voltage (V):
24V	
	Power Supply:

Power Supply Required and Sold Separately:
USA: **#66-855**
Europe: **#66-855**
Japan: **#89-513**
Korea: **#33-773**
China: **#66-855**

Environmental & Durability Factors

	Operating Temperature (°C):
0 - 60	
	Environmental Rating:
IP50	

Regulatory Compliance

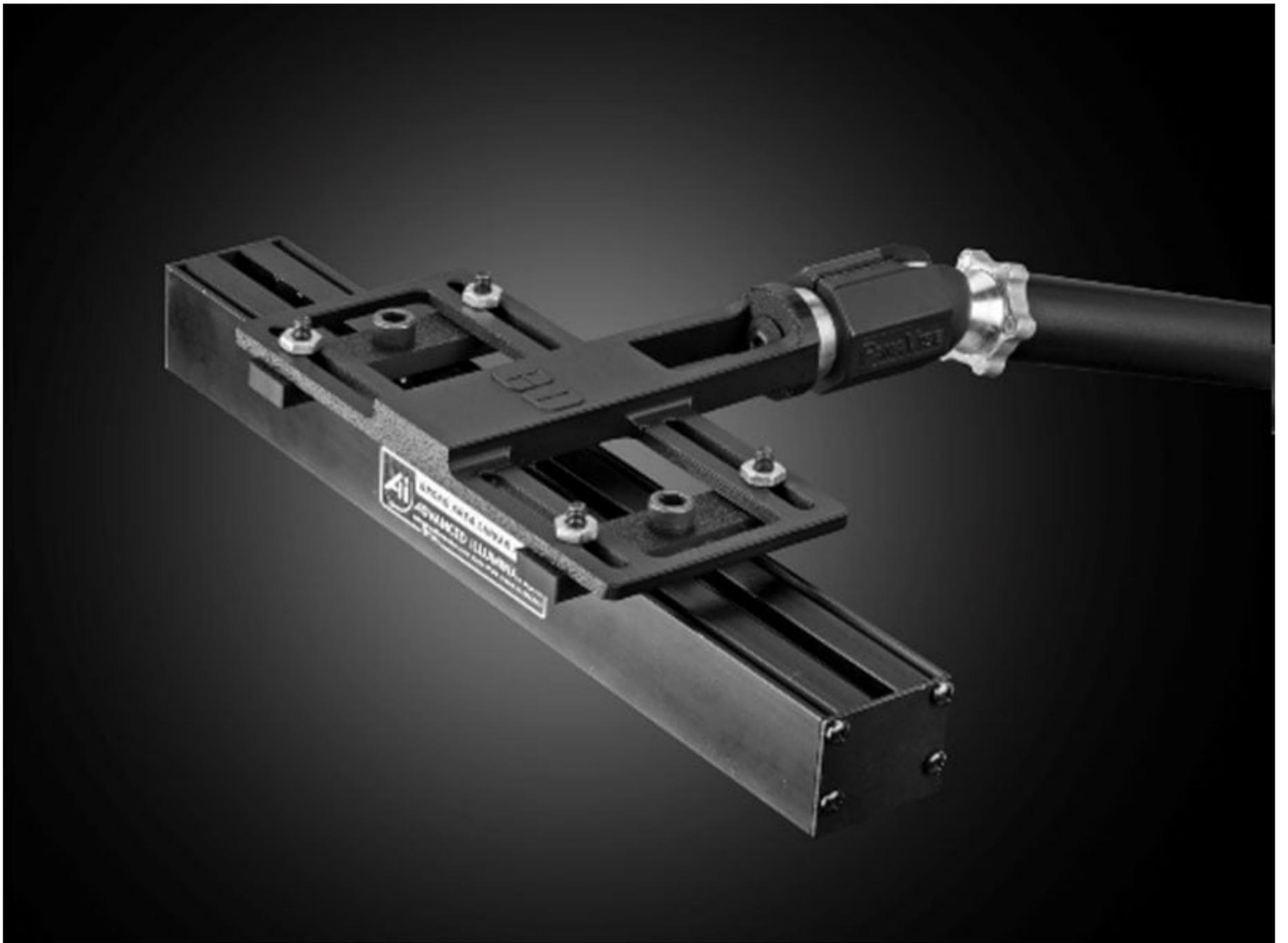|	RoHS 2015:
Exempt	
	Certificate of Conformance:
View	
	Reach 233:
Contains SVHC(s)	

Product Details

- High Intensity Output up to 73,000 Lux
- Compact Housing with T-Slot Mount
- Full Range of Wavelengths Available
- Optional Manual Intensity Adjustments (**#86-887** and **#89-555**) Recommended

Advanced Illumination MicroBrite Ultra High Intensity Bar Lights offer high performance machine vision lights in a compact form factor. With a high intensity output of 73,000 Lux at a working distance of 100mm, these MicroBrite Bar Lights outperform higher cost comparable bar lights. These bar lights are available in the most common machine vision wavelengths. Advanced Illumination MicroBrite Ultra High Intensity Bar Lights are designed for applications requiring intense illumination for large area inspection. Please contact us if your application requires a MicroBrite Ultra High Intensity Bar Light with a custom length.

Note: Requires 24V power supply **#66-855**. Manual Intensity Adjustment **#86-887** and **#89-555** are recommended and sold separately.

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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