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IR 850nm, MicroBrite Ultra High Intensity Bar Light

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Advanced Illumination MicroBrite Ultra High Intensity Bar Light

Stock #18-545 **3 In Stock**

⊖ 1 ⊕ €625⁰⁰

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Volume Pricing	
Qty 1+	€625,00 each
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Product Downloads

General

AL295-150850IC **Model Number:**

50,000 **LED Lifetime (hours):**

LED Illuminator **Type of Illumination:**

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

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

Physical & Mechanical Properties

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

Optical Properties

IR	Color:
850	Wavelength (nm):

Electrical

0.27A	Maximum Input Current:
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Hardware & Interface Connectivity

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

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

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

Regulatory Compliance

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

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

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[Video](#)

Assembly of 3D Printed Mounts for Common Illumination Geometries

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