

MicroBrite 50mm 455nm Line Light



Stock #74-237 NEW **1 In Stock**

A\$1,024⁰⁰

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General

Type of Illumination:
LED Illuminator

Note:
Compatible with #18-645 external controller

Manufacturer:
Advanced Illumination

Geometry:
Line Light

Illumination Mode:
Constant

Physical & Mechanical Properties

50.00 **Length (mm):**

72.90 L x 72.90 W x 20.1 D **Dimensions (mm):**

254 **Weight (g):**

Optical Properties

Blue **Color:**

455 **Wavelength (nm):**

0.5-23 **Working Distance (inches):**

Hardware & Interface Connectivity

Flying Leads **Connector:**

24VDC, 0.5A **Operating 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](#)

Threading & Mounting

M4 Mounting Screws **Mount:**

Environmental & Durability Factors

0 °C to 35 °C **Operating Temperature (°C):**

Regulatory Compliance

[Exempt](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Contains SVHC\(s\)](#) **Reach 247:**

Product Details

- Ideal For Line Scan Applications
- High Power LEDs in White, Red, and Blue
- Compact Form Factor for Easy Integration

The Advanced Illumination Microbrite™ Line Lights offer a compact solution for line scan applications. These lights are designed with a high intensity illumination profile and high thermal efficiency, enabling a long lifespan even with continuous operation. These illuminators feature an M4 mounting channel for ease of integration and are available in white, blue, and red wavelengths. The Advanced Illumination Microbrite™ Line Lights are ideal for line scan applications such as high speed inspection of materials including textiles, paper, or plastics and inspection of solar panels or LCDs.

[3D-Printable Mount Files](#)



Bar or Line Light Configuration

[Download Now](#)

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 1/4-20" 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](#)