

## MicroBrite 100mm 455nm Line Light



Stock #74-240 NEW **1 In Stock**

A\$1,232<sup>00</sup>

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### Volume Pricing

Qty 1+	A\$1,232.00 each
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### Product Downloads

### 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

Length (mm):  
100.00

Dimensions (mm):  
123.7 L x 101.6 W x 20.1 D

Weight (g):  
508

## Optical Properties

Color:  
Blue

Wavelength (nm):  
455

Working Distance (inches):  
0.5-23

## Hardware & Interface Connectivity

Connector:  
Flying Leads

Operating Voltage (V):  
24VDC, 1A

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

Mount:  
M4 Mounting Screws

## Environmental & Durability Factors

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

## Regulatory Compliance

RoHS 2015:  
[Exempt](#)

Certificate of Conformance:  
[View](#)

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

## 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](#)