

# MicroBrite 50mm 455nm Line Light



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

-

1

+

€640<sup>.00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | €640,00 each                  |
| Need More?     | <a href="#">Request Quote</a> |

**i** Prices shown are exclusive of VAT/local taxes

Product Downloads

| General                                     |                       |
|---------------------------------------------|-----------------------|
| LED Illuminator                             | Type of Illumination: |
| Compatible with #18-645 external controller | Note:                 |
| Advanced Illumination                       | Manufacturer:         |
| Line Light                                  | Geometry:             |
| Illumination Mode:                          |                       |

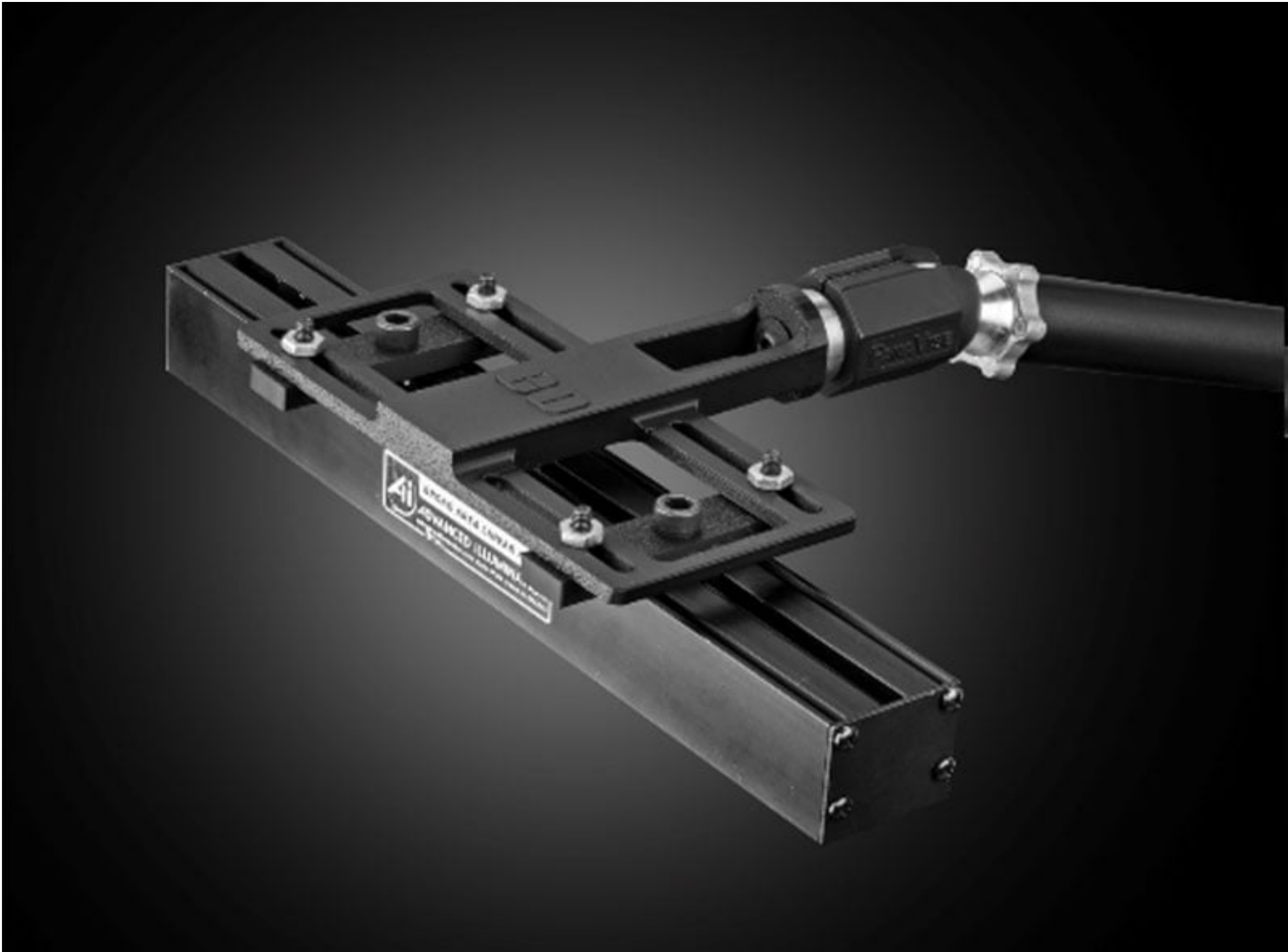
|                                                                                                                                                                                                                                                                                                 |                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| 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):      |
| <div>Power Supply:</div> <div>Power Supply Required and Sold Separately.</div> <div>USA: <a href="#">#66-855</a></div> <div>Europe: <a href="#">#66-855</a></div> <div>Japan: <a href="#">#89-513</a></div> <div>Korea: <a href="#">#33-773</a></div> <div>China: <a href="#">#66-855</a></div> |                             |
| Threading & Mounting                                                                                                                                                                                                                                                                            |                             |
| M4 Mounting Screws                                                                                                                                                                                                                                                                              | Mount:                      |
| Environmental & Durability Factors                                                                                                                                                                                                                                                              |                             |
| 0 °C to 35 °C                                                                                                                                                                                                                                                                                   | Operating Temperature (°C): |
| Regulatory Compliance                                                                                                                                                                                                                                                                           |                             |
| <a href="#">Exempt</a>                                                                                                                                                                                                                                                                          | RoHS 2015:                  |
| <a href="#">View</a>                                                                                                                                                                                                                                                                            | Certificate of Conformance: |
| <a href="#">Contains SVHC(s)</a>                                                                                                                                                                                                                                                                | 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 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](#)