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# MicroBrite 150mm 455nm Line Light



Stock **#74-244** NEW **1 In Stock**

-

1

+

C\$1,253<sup>00</sup>

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| Qty 1+         | C\$1,253.00 each              |
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Product Downloads

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

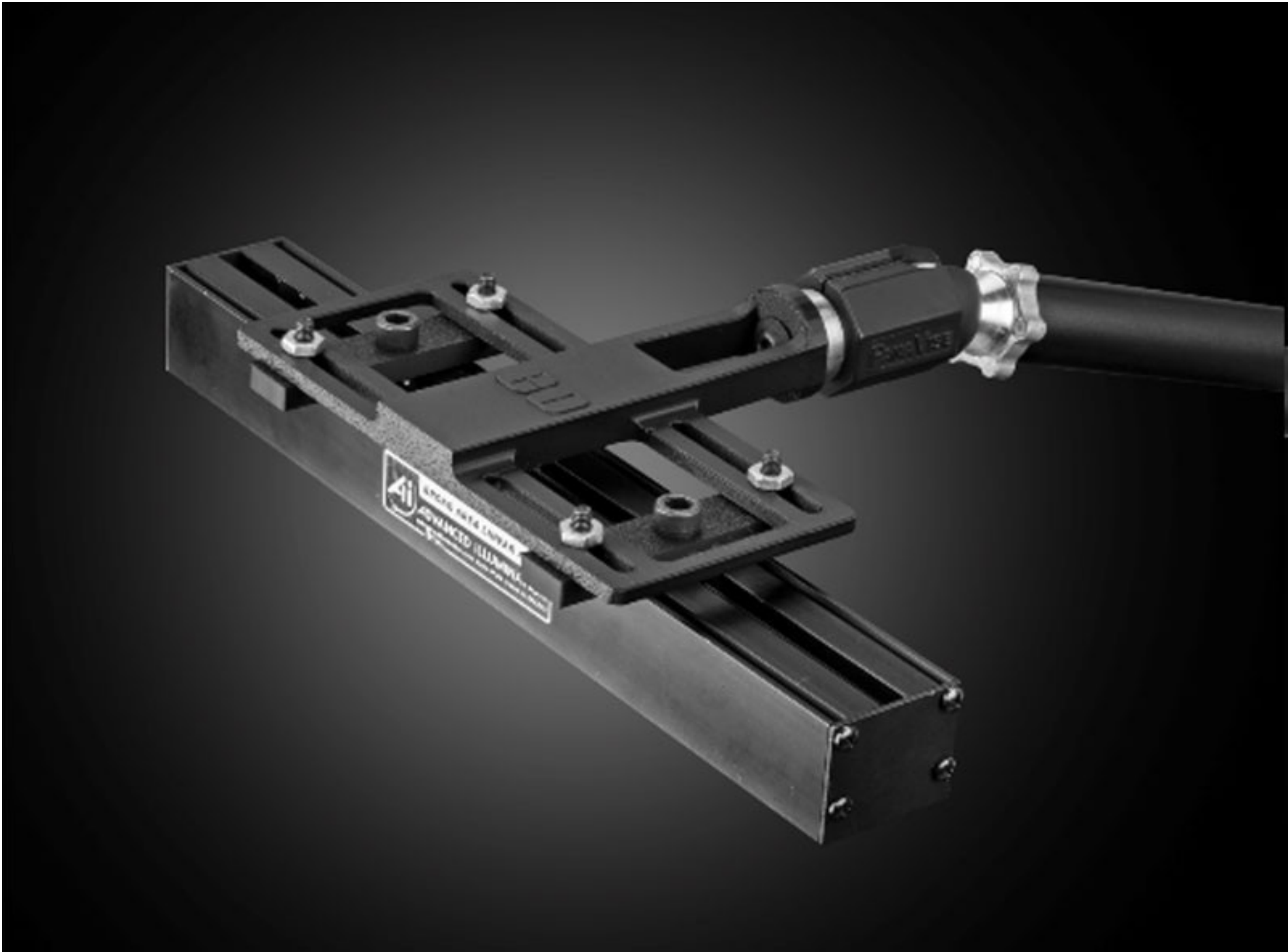
| Physical & Mechanical Properties                                                                                                                                                                                                    |                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| 150.00                                                                                                                                                                                                                              | Length (mm):                |
| 174.5 L x 152.4 W x 20.1 D                                                                                                                                                                                                          | Dimensions (mm):            |
| 762                                                                                                                                                                                                                                 | Weight (g):                 |
| Optical Properties                                                                                                                                                                                                                  |                             |
| Blue                                                                                                                                                                                                                                | Color:                      |
| 455                                                                                                                                                                                                                                 | Wavelength (nm):            |
| 0.5-23                                                                                                                                                                                                                              | Working Distance (inches):  |
| Hardware & Interface Connectivity                                                                                                                                                                                                   |                             |
| Flying Leads                                                                                                                                                                                                                        | Connector:                  |
| 24VDC, 1.5A                                                                                                                                                                                                                         | Operating Voltage (V):      |
| <div>Power Supply Required and Sold Separately:<br/>USA: <a href="#">#66-855</a><br/>Europe: <a href="#">#66-855</a><br/>Japan: <a href="#">#89-513</a><br/>Korea: <a href="#">#33-773</a><br/>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](#) 