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MicroBrite 150mm 660nm Line Light

Stock **#74-235** NEW **1 In Stock**

- 1 + **S$1,253**.00

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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

Length (mm):
150.00

Dimensions (mm):
174.5 L x 152.4 W x 20.1 D

Weight (g):
762

Optical Properties

Color:
Red

Wavelength (nm):
660

Working Distance (inches):
0.5-23

Hardware & Interface Connectivity

Connector:
Flying Leads

Operating Voltage (V):
24V DC, 1.5A

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

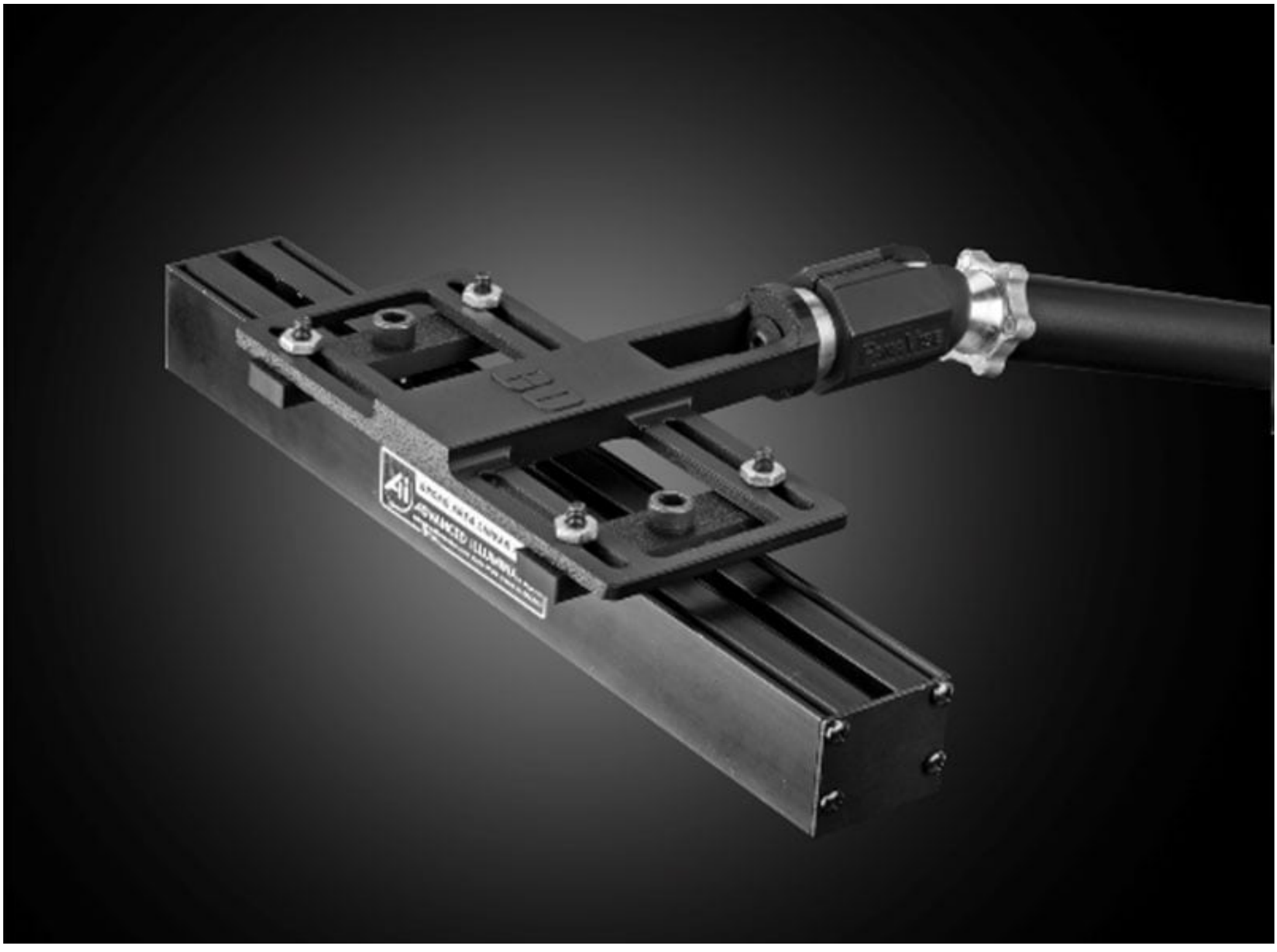
Reach 247:
Contains SVHC(s)

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

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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
Read

Video

Assembly of 3D Printed Mounts for Common Illumination Geometries
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