

MicroBrite 50mm 455nm Line Light



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

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1

+

₹55,767

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Volume Pricing	
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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	
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 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:
United States	Country of Origin:
Edmund Optics India Private Limited	Imported By:

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
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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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