

# MicroBrite 150mm 455nm Line Light



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

- 1 + MRP ₹95,049

Price inclusive of all taxes

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### Volume Pricing

|            |                               |
|------------|-------------------------------|
| Qty 1+     | ₹95,049 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

Length (mm):  
150.00

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

Weight (g):  
762

## Optical Properties

Color:  
Blue

Wavelength (nm):  
455

Working Distance (inches):  
0.5-23

## Hardware & Interface Connectivity

Connector:  
Flying Leads

Operating Voltage (V):  
24VDC, 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\(s\)](#)

Country of Origin:  
United States

Imported By:  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

## 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](#)

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[Video](#)

[Assembly of 3D Printed Mounts for Common Illumination Geometries](#)

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