

# MicroBrite 150mm 455nm Line Light



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

-

1

+

€893<sup>,00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | €893,00 each                  |
| Need More?     | <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

## SPECIFICATIONS

General

LED Illuminator

Type of Illumination:

Compatible with #18-645 external controller

Note:

Manufacturer:

|                                                                                                                                                                                                                                      |                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Advanced Illumination                                                                                                                                                                                                                |                             |
| 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:                      |
| 455.00                                                                                                                                                                                                                               | Wavelength (nm):            |
| 0.5-23                                                                                                                                                                                                                               | Working Distance (inches):  |
| Hardware & Interface Connectivity                                                                                                                                                                                                    |                             |
| Flying Leads                                                                                                                                                                                                                         | Connector:                  |
| 24VDC, 1.5A                                                                                                                                                                                                                          | Operating Voltage (V):      |
| Power Supply:<br>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> |                             |
| 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 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

[Read](#) 



Video

Assembly of 3D Printed Mounts for Common Illumination Geometries

[Watch](#) 