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# 1.25" x 2.00", IR 850nm, MicroBrite High Intensity Spot Light

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Advanced Illumination MicroBrite High Intensity Spot Lights

Stock **#18-592** [CONTACT US](#)

⊖ 1 ⊕ **A\$824<sup>00</sup>**

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## Product Downloads

### General

SL244-850IC **Model Number:**

50000 **LED Lifetime (hours):**

LED Illuminator **Type of Illumination:**

**Note:**  
Optional Manual Intensity Adjustment [#86-887](#) and [#89-555](#) are Available

Advanced Illumination **Manufacturer:**

Spot Light **Geometry:**

Constant **Illumination Mode:**

## Physical & Mechanical Properties

44.5 x 32.2 x 20.1 **Dimensions (mm):**

168 **Weight (g):**

## Optical Properties

IR **Color:**

850 **Wavelength (nm):**

## Electrical

0.14A **Minimum Input Current:**

## Hardware & Interface Connectivity

Flying Leads **Connector:**

**Power Supply:**  
Power Supply Required and Sold Separately.  
USA: [#66-855](#)  
Europe: [#66-855](#)  
Japan: [#89-513](#)  
Korea: [#33-773](#)  
China: [#66-855](#)

2 **Length of Cable (m):**

## Environmental & Durability Factors

0 - 60 **Operating Temperature (°C):**

## Regulatory Compliance

[Exempt](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Contains SVHC\(s\)](#) **Reach 233:**

## Product Details

- High Intensity Output up to 60,000 Lux
- Rectangular Format Spot Light for Off-Axis Applications
- [MicroBrite Compact Spot Lights](#) Also Available
- Optional Manual Intensity Adjustments ([#86-887](#) and [#89-555](#)) Recommended

Advanced Illumination MicroBrite High Intensity Spot Lights offer high intensity output up to 60,000 lux in a rectangular housing. Compared to round spot lights, these spot lights feature side cable entries, strategically placed M4 T-slot mounting points, and efficiently store more LEDs, allowing for improved heat dissipation through conduction while providing industry leading performance to size ratio. Advanced Illumination MicroBrite High Intensity Spot Lights are available in a full range of wavelengths, simplifying system integration and are ideal for standard, off-axis applications requiring high-intensity illumination source such as high-speed inspection and factory automation.

**Note:** Requires 24V power supply [#66-855](#). Manual Intensity Adjustment [#86-887](#) and [#89-555](#) are recommended and sold separately.