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# Constant, 625nm, High Intensity LED Spot Light

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**Note:** This item requires accessories for use | [Learn More](#)

## Product Downloads

### General

SL147-625-IC **Model Number:**

50,000 **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

26.0 **Height (mm):**

66.7 L x 62.0 W **Dimensions (mm):**

122.5 **Weight (g):**

65.00 **Field Coverage (mm):**

## Optical Properties

Red **Color:**

625 **Wavelength (nm):**

6 - 24 **Working Distance (inches):**

## Electrical

30.00 **Maximum Trigger Frequency (Hz):**

## Hardware & Interface Connectivity

Flying Leads **Connector:**

24.00 **Operating Voltage (V):**

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

90 - 264 VAC @ 47 - 63 Hz **Power Requirement:**

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

## Threading & Mounting

M4 Nut Channel for Mounting **Mounting Threads:**

## Regulatory Compliance

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

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

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

## Product Details

- 65mm Coverage at 300mm Working Distance
- M6 Thread for Mounting
- Variable Intensity and Strobed Options

Advanced Illumination High Intensity LED Spot Lights are designed for applications requiring intense, structured illumination. Ideal for use with line scan cameras and for large area inspection, these high luminance spot lights provide soft and even illumination in a compact housing. Suitable for long working distance imaging applications, the LEDs are precision aligned with a proprietary targeting system to provide stable lighting, even illumination, and a long product lifetime.

**Note:** Required 24V power supply [#66-855](#). [Accessories for Advanced Illumination products](#) are available and sold separately.

The strobed models' flash duration is dependent on a trigger signal or potentiometer setting. The duration of the strobe can be adjusted from 30 - 300µs via a knob located in the back of the unit. Trigger input signal is CMOS/TTL compatible. The maximum trigger frequency is 30Hz.