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590nm, Coaxial LED Spot Light

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+

₹47,700

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

Product Downloads

General	
SL112-590-IC	Model Number:
50,000	LED Lifetime (hours):
1 High Brightness	Number of LEDs:
LED Illuminator	Type of Illumination:

Advanced Illumination	Manufacturer:
Spot Light	Geometry:
Constant	Illumination Mode:
Physical & Mechanical Properties	
42.5	Weight (g):
Optical Properties	
Yellow	Color:
590	Wavelength (nm):
±10	Light Distribution (%):
Hardware & Interface Connectivity	
Flying Leads	Connector:
Power Supply Required and Sold Separately. USA: #66-855 Europe: #66-855 Japan: #89-513 Korea: #33-773 China: #66-855	Power Supply:
1.5	Length of Cable (m):
Environmental & Durability Factors	
0 to 60	Operating Temperature (°C):
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Contains SVHC(s)	Reach 233:
United States	Country of Origin:
Edmund Optics India Private Limited	Imported By:

Product Details

- Compatible with 8mm or ¼" (0.312") Fiber Illumination Ports
- Multiple Versions Offered

Advanced Illumination Coaxial LED Spot Light Illuminators are designed to fit into the common 8mm port found on many [in-line illumination lenses](#). These illuminators are a simple, compact lighting solution. Featuring state-of-the-art high intensity LEDs, these illuminators are ideal for even the most demanding illumination requirements. Advanced Illumination Coaxial LED Spot Light Illuminators have strobed options, allowing for different ways of lighting. The illuminators are available in white, blue, green, yellow, and red.

Note: Power supply ([#66-855](#)) is sold separately and required for operation. [Accessories for Advanced Illumination products](#) are available and sold separately for intensity control options.

3D-Printable Mount Files



Spot Light Configuration

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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 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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