470nm, Coaxial

See More by Advanced Illumination

Stock #66-862 1 In Stock

- 1 +

€540,00

ADD TO CART

Volume Pricing	
Qty 1+	€540,00 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

PDF Drawing | Spec Sheets | EO Spec Sheet

Note: This item requires accessories for use | Learn More

General

Model Number:	SL112-470-IC	**LED Lifetime (hours):**	50,000
Number of LEDs:	1 High Brightness	**Type of Illumination:**	LED Illuminator
Manufacturer:	Advanced Illumination	**Geometry:**	Spot Light
Illumination Mode:	Constant		

Physical & Mechanical Properties

Weight (g):	42.5

Optical Properties

Color:	Blue	**Wavelength (nm):**	470
Light Distribution (%):	±10		

Hardware & Interface Connectivity

Connector:	Flying Leads	**Power Supply:**	Power Supply Required and Sold Separately: USA: **#66-855** Europe: **#66-855** Japan: **#89-513** Korea: **#33-773** China: **#66-855**

Length of Cable (m):	1.5

Environmental & Durability Factors

Operating Temperature (°C):	0 to 60

Regulatory Compliance

RoHS 2015:	**Compliant**	**Certificate of Conformance:**	**View**
Reach 233:	**Contains SVHC(s)**		

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

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 ¼-20" 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 »

Accessories

Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us **here**.

	Title	Compare	Stock Number	Price	Buy
MORE+	24V Power Supply with Tinned Leads		#66-855	€95,00 Request Quote	20+ In Stock 1

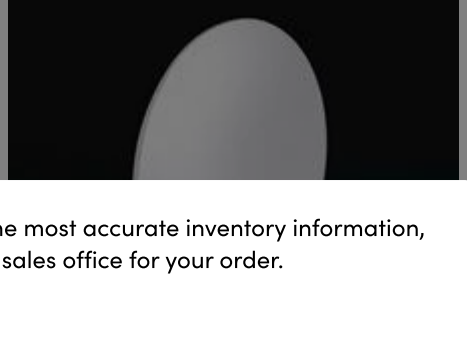
Frequently Purchased Together

#03-676 - 7.0 - 40.0 Optic Height, English Bar-Type Optic Holder
€106,00

Qty

€1.170,00

Qty



€51,50

Qty

#03-625 - 30mm - 50mm Length, C-Mount Fine Focus Tube
€118,00

Qty

Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.

Select Your Country/Region:

Resources

Media Type

- Technical Tool
- Application Note
- FAQ
- Glossary
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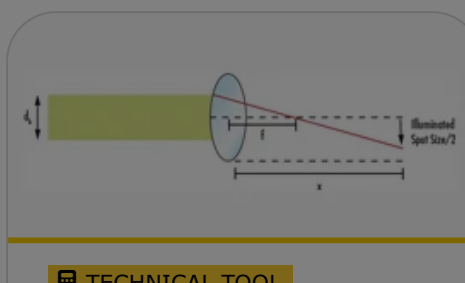
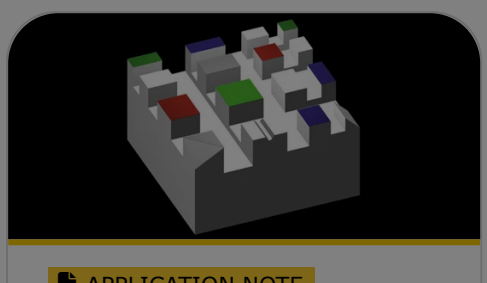
- Published Article



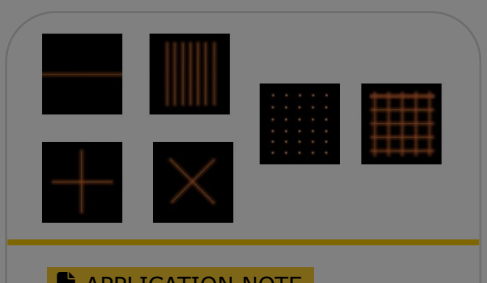
TECHNICAL TOOL

Illumination Spot Size Calculator



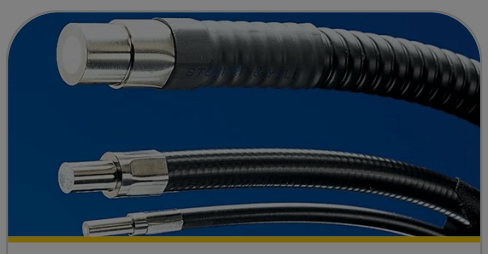
APPLICATION NOTE

Common Illumination Types



APPLICATION NOTE

Using Structured Illumination

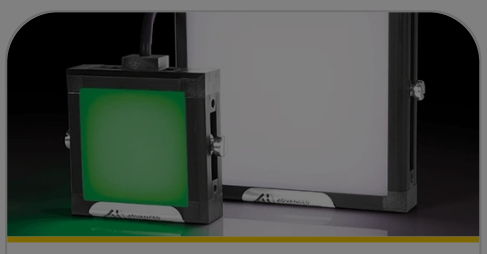


FAQ

What is ripple in illuminators and how does it affect my...

FAQ

What is the advantage of high frequency illumination?



FAQ

What are the advantages of LED Illumination?

View More

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