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850nm, Ethernet High Intensity Coaxial Spot Light

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Advanced Illumination Ethernet Controlled High Intensity LED Spot Lights

Stock #21-361 **1 In Stock**

MRP ₹60,003

Price inclusive of all taxes

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

Product Downloads

General

SL162-850C1 **Model Number:**

50,000 **LED Lifetime (hours):**

1 **Number of LEDs:**

Type of Illumination:

LED Illuminator

Note:

Required Controller [#18-645](#); Required Power Supply [#66-855](#)

Manufacturer:

Advanced Illumination

Geometry:

Spot Light

Illumination Mode:

Constant, Pulsed, Gated

Physical & Mechanical Properties

Weight (g):

85.1

Optical Properties

Color:

IR

Wavelength (nm):

850

Hardware & Interface Connectivity

Connector:

C1

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):

2

Environmental & Durability Factors

Operating Temperature (°C):

0 to +60

Regulatory Compliance

RoHS 2015:

[Exempt](#)

Reach 224:

[Contains SVHC\(s\)](#)

Certificate of Conformance:

[View](#)

Country of Origin:

United States

Imported By:

Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
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Product Details

- Controllable via Ethernet GUI or Web Browser
- Compatible with 8mm or 1/4" (0.312") Fiber Illumination Ports
- Efficient Thermal Management for Long LED Life
- Compatible with [TECHSPEC® Telecentric Backlight Illuminators](#) and [Lenses](#)

Advanced Illumination Ethernet Controlled High Intensity In-Line Lights utilize a C1 connector to connect to the DCS-100E Single Output Controller (#18-645). The DCS-100E Single Output Controller allows these high intensity in-line lights to be ethernet controlled through a downloadable software package or through a Web Based Graphical User Interface (GUI). With efficient thermal management, these in-line lights are able to provide 33,000 Lux at a working distance of 100mm with a spot size of 61mm in either a continuous, pulsed, or gated operating mode. Advanced Illumination Ethernet Controlled High Intensity In-Line Lights can be overdriven in short pulses without damaging the LED through Advanced Illumination's SignaTech™ Control System which is available with the DCS-100E Controller. These lights are available in UV, Blue, Green, Red Orange, IR, or White and are compatible with the 8mm port found on many in-line illumination imaging lenses, making them an excellent choice for use with TECHSPEC® Telecentric Backlight Illuminators and telecentric lenses with an [inline illumination port](#). For applications that do not require ethernet controlled functionality, [Advanced Illumination High Intensity In-Line Lights](#) are also available.

Note: 24V power supply ([#66-855](#)) and DCS-100E Single Output Controller ([#18-645](#)) are required for use.