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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

1 Price inclusive of all taxes

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Volume Pricing	
Qty 1+	₹60,003 each
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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,
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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.