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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**

1  €565<sup>00</sup>

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### Volume Pricing

Qty 1+	€565,00 each
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**!** Prices shown are exclusive of VAT/local taxes

**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:**

LED Illuminator **Type of Illumination:**

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

Advanced Illumination **Manufacturer:**

Spot Light **Geometry:**

Constant, Pulsed, Gated **Illumination Mode:**

## Physical & Mechanical Properties

85.1 **Weight (g):**

## Optical Properties

IR **Color:**

850 **Wavelength (nm):**

## Hardware & Interface Connectivity

C1 **Connector:**

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

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

## Environmental & Durability Factors

0 to +60 **Operating Temperature (°C):**

## Regulatory Compliance

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

[Contains SVHC\(s\)](#) **Reach 224:**

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

## 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.