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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 ⊕ £452.<sup>00</sup>

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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:**

LED Illuminator	<b>Type of Illumination:</b>
<b>Note:</b> Required Controller <a href="#">#18-645</a> ; Required Power Supply <a href="#">#66-855</a>	
Advanced Illumination	<b>Manufacturer:</b>
Spot Light	<b>Geometry:</b>
Constant, Pulsed, Gated	<b>Illumination Mode:</b>
<b>Physical &amp; Mechanical Properties</b>	
85.1	<b>Weight (g):</b>
<b>Optical Properties</b>	
IR	<b>Color:</b>
850	<b>Wavelength (nm):</b>
<b>Hardware &amp; Interface Connectivity</b>	
C1	<b>Connector:</b>
<b>Power Supply:</b> Power Supply Required and Sold Separately: USA: <a href="#">#66-855</a> Europe: <a href="#">#66-855</a> Japan: <a href="#">#89-513</a> Korea: <a href="#">#33-773</a> China: <a href="#">#66-855</a>	
2	<b>Length of Cable (m):</b>
<b>Environmental &amp; Durability Factors</b>	
0 to +60	<b>Operating Temperature (°C):</b>
<b>Regulatory Compliance</b>	
<a href="#">Exempt</a>	<b>RoHS 2015:</b>
<a href="#">Contains SVHC(s)</a>	<b>Reach 224:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>

## 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.