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# 1.25", Blue 455nm, High Intensity Pattern Projecting Spot Light

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Advanced Illumination High Intensity Pattern Projecting Spot Lights

Stock **#18-635** [CONTACT US](#)

⊖ 1 ⊕ £820.<sup>00</sup>

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Qty 1+	£820.00 each
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**!** Prices shown are exclusive of VAT/local taxes

## Product Downloads

### General

SL256-455IC **Model Number:**

50000 **LED Lifetime (hours):**

LED Illuminator **Type of Illumination:**

**Note:**  
Optional Manual Intensity Adjustment [#86-887](#) and [#89-555](#) are Available

Advanced Illumination	<b>Manufacturer:</b>
Spot Light	<b>Geometry:</b>
Constant	<b>Illumination Mode:</b>

## Physical & Mechanical Properties

1.25	<b>Diameter (inches):</b>
413	<b>Weight (g):</b>
20.8	<b>Diameter of Compatible Reticle (mm):</b>

## Optical Properties

Blue	<b>Color:</b>
455	<b>Wavelength (nm):</b>

## Electrical

0.592	<b>Minimum Input Current:</b>
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## Hardware & Interface Connectivity

Flying Leads	<b>Connector:</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>	<b>Power Supply:</b>
2	<b>Length of Cable (m):</b>

## Environmental & Durability Factors

0 - 50	<b>Operating Temperature (°C):</b>
IP50	<b>Environmental Rating:</b>

## Regulatory Compliance

<a href="#">Exempt</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Contains SVHC(s)</a>	<b>Reach 233:</b>

## Product Details

- Intense Output up to 2,000 Lux
- Includes Heat Sink for Thermal Management
- Optional Manual Intensity Adjustments ([#86-887](#) and [#89-555](#)) Recommended
- Compatible [Reticles](#) Also Available

Advanced Illumination High Intensity Pattern Projecting Spot Lights offer clusters of high intensity LEDs up to 2,000 lux for focused, homogenous illumination. The spot lights are constructed with a large heat sink, improving thermal management to facilitate increased brightness while maintaining safe operating temperatures. For ease of integration, these LED light projectors are compatible with our [full selection of 21mm diameter reticles](#), including crosshair, concentric circles, and net grid. Advanced Illumination High Intensity Pattern Projecting Spot Lights are compatible with 2/3" format C-Mount lenses and are ideal for machine vision inspection applications, such as edge detection, locating offsets, and assessing topography.

**Note:** Requires 24V power supply [#66-855](#). Manual Intensity Adjustment [#86-887](#) and [#89-555](#) are recommended and sold separately.