

[See all 7 Products in Family](#)

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

See More by [Advanced Illumination](#)



Advanced Illumination High Intensity Pattern Projecting Spot Lights

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

⊖ 1 ⊕ **A\$1,640<sup>00</sup>**

**ADD TO CART**

Volume Pricing	
Qty 1+	<b>A\$1,640.00</b> each
Need More?	<a href="#">Request Quote</a>

## 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 **Manufacturer:**

Spot Light **Geometry:**

Constant **Illumination Mode:**

## Physical & Mechanical Properties

1.25 **Diameter (inches):**

413 **Weight (g):**

20.8 **Diameter of Compatible Reticle (mm):**

## Optical Properties

Blue **Color:**

455 **Wavelength (nm):**

## Electrical

0.592 **Minimum Input Current:**

## Hardware & Interface Connectivity

Flying Leads **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 - 50 **Operating Temperature (°C):**

IP50 **Environmental Rating:**

## Regulatory Compliance

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

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

[Contains SVHC\(s\)](#) **Reach 233:**

## 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.