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# AI Blue 455nm LED Pattern Projector

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Stock **#87-447** **1 In Stock**

- 1 + £620<sup>00</sup>

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⚠ Prices shown are exclusive of VAT/local taxes

**Note:** This item requires accessories for use | [Learn More](#)

## Product Downloads

### General

SL191-455IC **Model Number:**

50,000 **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

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

## Optical Properties

Blue **Color:**

455 **Wavelength (nm):**

## 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](#)

## Regulatory Compliance

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

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

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

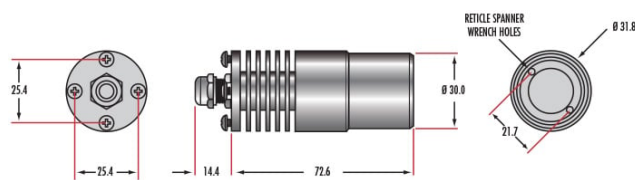
## Product Details

- Multiple Wavelength Options Available
- Equip C-Mount [Imaging Lenses](#) to Control Illumination Geometry
- Ideal for 3D Reconstruction and Mapping

Advanced Illumination LED Pattern Projectors are compact illuminators designed for applications requiring structured illumination. These illuminators can be used with any C-mount compatible imaging lens and negatively patterned 21mm reticle to achieve specific structured illumination geometries. When used without a reticle, these illuminators can be adjustable spotlights. Advanced Illumination LED Pattern Projectors are ideal for 3D reconstruction and mapping. The illuminators are available in blue, green, red or white.

**Note:** [Power supply](#) and C-mount [imaging lens](#) are required and sold separately.</>

## Technical Information



Single Line Reticle (#88-518)    Crosshair Reticle (#88-519)    8 Line Reticle (#88-520)



7 x 7 Grid Reticle (#88-521)    Edge Reticle (#88-522)



### Pattern Projector Mounting Configuration

