AI Blue 455nm LED Pattern Projector

See More by **Advanced Illumination**

Stock **#87-447**   CONTACT US

⊖   1   ⊕   £620⁰⁰

ADD TO CART

Volume Pricing	
Qty 1+	**£620.00** each
Need More?	**Request Quote**

🛈 Prices shown are exclusive of VAT/local taxes

Note: This item requires accessories for use | **Learn More**

Product Downloads

General

Model Number:	
SL191-455IC	
LED Lifetime (hours):	
50,000	
Type of Illumination:	
LED Illuminator	
Note:	

Optional Manual Intensity Adjustment **#86-887** and **#89-555** are Available

Manufacturer:	
Advanced Illumination	
Geometry:	
Spot Light	
Illumination Mode:	
Constant	

Physical & Mechanical Properties

Diameter of Compatible Reticle (mm):	
20.8	

Optical Properties

Color:	
Blue	
Wavelength (nm):	
455	

Hardware & Interface Connectivity

Connector:	
Flying Leads	
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

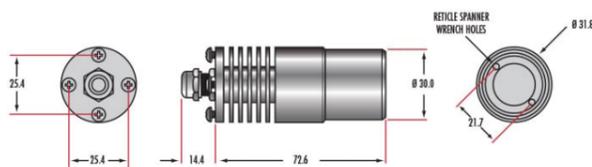|	
RoHS 2015:	
Compliant	
Certificate of Conformance:	
View	
Reach 233:	
Contains SVHC(s)	

Product Details

- Multiple Wavelength Options Available
- Equip C-Mount **Imaging Lenses** to Control Illumination Geometry
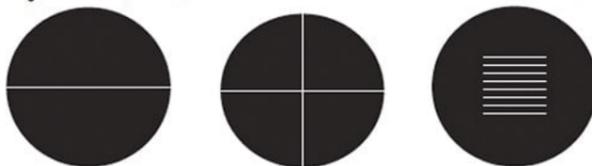- Ideal for 3D Reconstruction and Mapping

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

Power Supply #66-855 → LED Pattern Projector #87-447 #87-448 #87-449 #87-451 → Reticle #88-518 - #88-522 → Imaging Lens #59-870- #59-873

Full Field Width (mm) — y-axis: 0, 400, 800, 1200, 1600, 2000, 2400, 2800, 3200 mm

Lens lines: 4.5mm, 6mm, 8.5mm, 12mm, 16mm, 25mm, 35mm, 50mm, 75mm

SL191 Working Distance (WD - mm) — x-axis: 0, 200, 400, 600, 800, 1000, 1200, 1400, 1600, 1800, 2000 mm

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