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## 3.10" High Brightness LED Diffuselite, White, Strobed

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Advanced Illumination Diffuselite LED Illuminators

Stock **#83-267** [CONTACT US](#)

1  MRP ₹1,08,855

 Price inclusive of all taxes

**ADD TO CART**

### Volume Pricing

Qty 1+	₹1,08,855 each
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**Note:** This item requires accessories for use | [Learn More](#)

### Product Downloads

#### General

DL194-WHI-I3S **Model Number:**

50,000 **LED Lifetime (hours):**

12.00 **Number of LEDs:**

**Number of Channels:**

1.00

LED Illuminator

Type of Illumination:

Note:

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

Advanced Illumination

Manufacturer:

Diffuse

Geometry:

Strobed

Illumination Mode:

## Physical & Mechanical Properties

83.00

Height (mm):

133.00

Outer Diameter (mm):

89.00

Field Coverage (mm):

## Optical Properties

White

Color:

13 - 50

Working Distance (mm):

N/A

Wavelength Tolerance (nm):

±10 Edge to Edge (Dependent on Working Distance)

Light Distribution (%):

## Electrical

30.00

Maximum Trigger Frequency (Hz):

30 - 300

Strobe Duration (µs):

## Hardware & Interface Connectivity

Flying Leads

Connector:

Power Supply Required and Sold Separately:

USA: [#66-855](#)

Europe: [#66-855](#)

Japan: [#89-513](#)

Korea: [#33-773](#)

China: [#66-855](#)

Power Supply:

## Environmental & Durability Factors

0 to 65

Operating Temperature (°C):

## Regulatory Compliance

[Compliant](#)

RoHS 2015:

[View](#)

Certificate of Conformance:

[Contains SVHC\(s\)](#)

Reach 233:

United States

Country of Origin:

Imported By:  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
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Imported By:

## Product Details

- Ideal for Illuminating Curved Surfaces
- Well Suited for Inspecting Small, Specular Objects
- Variable Intensity and Strobed Options

Advanced Illumination Diffuselite LED Illuminators are ideal for inspecting small, reflective objects. LED intensity can be varied through the in-line potentiometer, and the projected light distribution edge to edge is ±10%. The 3.35" and 6.35" models feature high-brightness LEDs. The strobed models' flash duration is dependent on a trigger signal or potentiometer setting. The duration of the strobe can be adjusted from 30 - 300µs via a knob located in the back of the unit. The trigger input signal of the Advanced Illumination Diffuselite LED Illuminator is CMOS/TTL compatible. The maximum trigger frequency is 30 Hz.

**Note:** Required 24V power supply [#66-855](#). [Accessories for Advanced Illumination products](#) are available and sold separately.

