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52 x 17.2mm LED IR Bar Light 940nm

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52 x 17.2mm LED IR Bar Light 940nm

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General

LDL-42X15IR2-940 **Model Number:**

LED Illuminator **Type of Illumination:**

CCS **Manufacturer:**

Bar Light **Geometry:**

Constant **Illumination Mode:**

Physical & Mechanical Properties

W 52 mm x D 17.2 mm x H 20 mm **Dimensions (mm):**

40 **Weight (g):**

42 x 15.2 **Active Area (mm):**

Optical Properties

IR **Color:**

940 **Wavelength (nm):**

Electrical

2.3 **Power Consumption (W):**

Hardware & Interface Connectivity

24 **Input Voltage (V):**

Power Supply:
Power Supply Required and Sold Separately.
USA: [#73-491](#)
Europe: [#73-491](#)
Japan: [#89-513](#)
Korea: [#33-773](#)
China: [#73-491](#)

Regulatory Compliance

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

[Contains SVHC\(s\)](#) **Reach 224:**

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

United States **Country of Origin:**

Edmund Optics India Private Limited **Imported By:**

Product Details

- 850 or 940nm Wavelength Options
- Compact Lightweight Housing
- Single and 4-Bar Configurations Available

CCS Infrared (IR) Bar Lights provide uniform infrared illumination along a localized area. Designed with a compact lightweight housing, these bar lights can be easily integrated into applications with a limited working area. CCS Infrared (IR) Bar Lights are ideal for a variety of testing and inspection applications in industrial and manufacturing environments such as foreign material detection, color reduction in monochromatic images, and character isolation for optical character recognition (OCR). These bar lights are available as a single bar light or as a 4-bar square configuration with both options featuring adjustable output angles. Compared to visible light, infrared light provides a lower scattering rate and a higher transmittance rate, allowing for fewer surface reflections and deeper penetration into materials for imaging.

Technical Information

