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52 x 17.2mm LED IR Bar Light 850nm

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4-Bar Configuration and Single Bar Configuration Available & Sold Separately

Stock **#21-843** **1 In Stock**

-

1

+

A\$808^{.00}

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

Product Downloads

General	
LDL-42X15IR2-850	Model Number:
LED Illuminator	Type of Illumination:
CCS	Manufacturer:
Bar Light	Geometry:

Illumination Mode:	
Constant	
Physical & Mechanical Properties	
Dimensions (mm):	
W 52 mm x D 17.2 mm x H 20 mm	
Weight (g):	
40	
Active Area (mm):	
42 x 15.2	
Optical Properties	
Color:	
IR	
Wavelength (nm):	
850	
Electrical	
Power Consumption (W):	
2.3	
Hardware & Interface Connectivity	
Input Voltage (V):	
24	
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	
RoHS 2015:	
Exempt	
Reach 224:	
Contains SVHC(s)	
Certificate of Conformance:	
View	

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

