

LED IR 4-Bar Square Light Unit 940nm

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Stock **#21-848** **1 In Stock**

-

1

+

€2.885⁰⁰

ADD TO CART

Volume Pricing	
Qty 1+	€2.885,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

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

Product Downloads

SPECIFICATIONS

General

LDQ-150IR2-940

Model Number:

LED Illuminator	Type of Illumination:
CCS	Manufacturer:
Bar Light	Geometry:
Constant	Illumination Mode:
Physical & Mechanical Properties	
W 148 mm xD 148 mm xH 30.2mm	Dimensions (mm):
530	Weight (g):
Optical Properties	
IR	Color:
940.00	Wavelength (nm):
Electrical	
16	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:

PRODUCT DETAILS

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

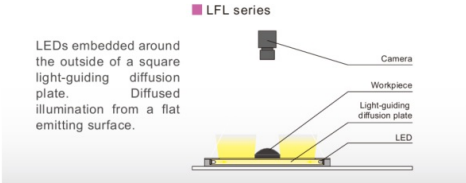
CCS Infrared (IR) Bar Lights provide uniform infrared illumination along a localized area. Designed with a compact lightweight housing, these bar lights can be easily integrated into applications with a limited working area. CCS Infrared (IR) Bar Lights are ideal for a variety of testing and inspection 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

Imaging the foreign materials in disinfectant product



LEDs embedded around the outside of a square light-guiding diffusion plate. Diffused illumination from a flat emitting surface.



Workpiece

Visible light Flat Light



It is difficult to check the inside with visible light imaging.

Infrared LFL-100IR940



Imaging with infrared light penetrates the liquid and captures the foreign materials.

* This workpiece was processed by CCS for sample imaging.