

Red, Low-Angle Square Light FPQ3-120RD

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1

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C\$2,667⁰⁰

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Product Downloads

General	
FPQ3-120RD	Model Number:
LED Illuminator	Type of Illumination:
CCS	Manufacturer:
Low-Angle Square Light	Geometry:
Constant	Illumination Mode:

Physical & Mechanical Properties	
	Dimensions (mm): W 120 mm xD 120 mm xH 30 mm
	Weight (g): 220
Optical Properties	
	Color: Red
	Wavelength (nm): 630
Electrical	
	Power Consumption (W): 16
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

- Improved Inspection of Rectangular and Square Objects vs. Ring Lights
- Low-Angle Lighting from Four Directions
- Ideal for Inspection of Food Packaging and PCB's

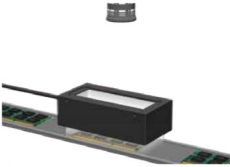
CCS Low-Angle Square LED Illuminators provide uniform diffuse illumination from a low angle in four directions. This low-angle square design helps to prevent glare and enables the detection of outlines and corners which is difficult to achieve with traditional ring lights. These lights feature mounting holes along the top and sides, allowing for flexibility with system installation. CCS Low-Angle Square LED Illuminators are ideal for embossed character recognition and inspection of square parts such as food packaging, circuit boards (PCB's), and print patterns.

Note: Power supply [#66-855](#) is required and sold separately.

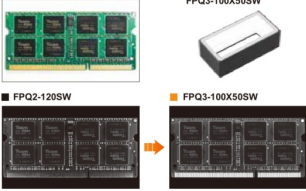
Technical Information

▶ Imaging Examples for the FPQ3-100X50 Light Unit

Illumination from a low angle clearly highlights the outline of workpieces.



■ Workpiece Image: PC memory boards



■ Conceptual Image for Illumination

With uniform and diffused light at a low angle from four directions of the workpiece, the corners stand out.



■ FPQ2-120SW

The connector pins are not clearly imaged because the distance between the emitting surface and the workpiece is large. Also, the whole surface of the workpiece is not uniformly illuminated.

■ FPQ3-100X50SW

The connector pins are clearly imaged because the distance between the emitting surface and the workpiece is short. Also, the whole surface of the workpiece is uniformly illuminated.