

# Red, Low-Angle Square Light FPQ3-96RD

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Stock **#21-809** 1 In Stock

-

1

+

€1.630<sup>00</sup>

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| Qty 1+         | €1.630,00 each                |
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Product Downloads

| General                |                       |
|------------------------|-----------------------|
| FPQ3-96RD              | Model Number:         |
| LED Illuminator        | Type of Illumination: |
| CCS                    | Manufacturer:         |
| Low-Angle Square Light | Geometry:             |

|                                                                                                                                                                                                                                      |                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Constant                                                                                                                                                                                                                             | Illumination Mode:          |
| Physical & Mechanical Properties                                                                                                                                                                                                     |                             |
| W 96 mm x D 96 mm x H 30 mm                                                                                                                                                                                                          | Dimensions (mm):            |
| 170                                                                                                                                                                                                                                  | Weight (g):                 |
| Optical Properties                                                                                                                                                                                                                   |                             |
| Red                                                                                                                                                                                                                                  | Color:                      |
| 630                                                                                                                                                                                                                                  | Wavelength (nm):            |
| Electrical                                                                                                                                                                                                                           |                             |
| 13                                                                                                                                                                                                                                   | Power Consumption (W):      |
| Hardware & Interface Connectivity                                                                                                                                                                                                    |                             |
| 24                                                                                                                                                                                                                                   | Input Voltage (V):          |
| Power Supply:<br>Power Supply Required and Sold Separately:<br>USA: <a href="#">#73-491</a><br>Europe: <a href="#">#73-491</a><br>Japan: <a href="#">#89-513</a><br>Korea: <a href="#">#33-773</a><br>China: <a href="#">#73-491</a> |                             |
| Regulatory Compliance                                                                                                                                                                                                                |                             |
| <a href="#">Exempt</a>                                                                                                                                                                                                               | RoHS 2015:                  |
| <a href="#">Contains SVHC(s)</a>                                                                                                                                                                                                     | Reach 224:                  |
| <a href="#">View</a>                                                                                                                                                                                                                 | Certificate of Conformance: |

## 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

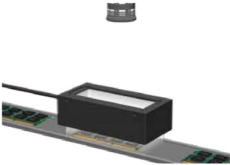
CCS Low-Angle Square LED Illuminators provide uniform diffuse illumination from a low angle in four directions. This low-angle square design helps to prevent glare and enables the detection of outlines and corners which is difficult to achieve with traditional ring lights. These lights feature mounting 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.

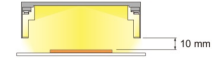
## Technical Information

### 📷 Imaging Examples for the FPQ3-100X50 Light Unit

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



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



■ Workpiece Image: PC memory boards



FPQ3-100X50SW



■ 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.