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## CCS Low-Angle Square LED Illuminators See More by [CCS](#)



- 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

### Common Specifications

#### General

<b>Type of Illumination:</b>	LED Illuminator	<b>Manufacturer:</b>	CCS
<b>Geometry:</b>	Low-Angle Square Light	<b>Illumination Mode:</b>	Constant

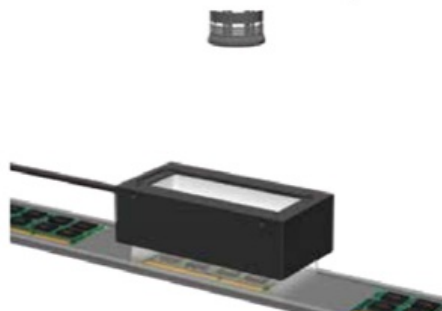
#### Hardware & Interface Connectivity

<b>Input Voltage (V):</b>	24	<b>Power Supply:</b>	Power Supply Required and Sold Separately: USA: <a href="#">#73-491</a> Europe: <a href="#">#73-491</a> Japan: <a href="#">#73-491</a> Korea: <a href="#">#33-733</a> China: <a href="#">#73-491</a>
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## Technical Information

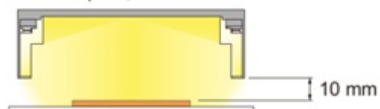
### ▶ Imaging Examples for the FPQ3-100X50 Light Unit

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



#### ■ FPQ2-120SW

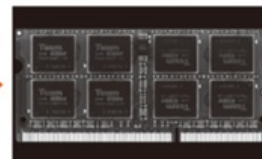


The connector pins are not clearly imaged because the distance between the emitting surface and the workpiece is large. Also, the whole surface of the workpiece is not uniformly illuminated.

#### FPQ3-100X50SW



#### ■ 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.

## Products

Dimensions (mm)	Color	Wavelength (nm)	Input Voltage (V)	Power Consumption (W)	Stock Number	Price	Buy
W 96 mm x D 96 mm x H 30 mm	Red	630.00	24	13	<a href="#">#21-809</a>	€1.455,00	3-4 days
W 96 mm x D 96 mm x H 30 mm	White	-	24	25	<a href="#">#21-810</a>	€1.455,00	3-4 days
W 96 mm x D 96 mm x H 30 mm	Blue	465.00	24	18	<a href="#">#21-811</a>	€1.455,00	3-4 days
W 120 mm x D 120 mm x H 30 mm	Red	630.00	24	16	<a href="#">#21-812</a>	€1.700,00	3-4 days
W 120 mm x D 120 mm x H 30 mm	White	-	24	27	<a href="#">#21-813</a>	€1.700,00	3-4 days
W 120 mm x D 120 mm x H 30 mm	Blue	465.00	24	21	<a href="#">#21-814</a>	€1.700,00	3-4 days



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