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Line Pattern Flat Light LFX3-100RD-PT-A

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General

LFX3-100RD-PT-A **Model Number:**

LED Illuminator **Type of Illumination:**

CCS **Manufacturer:**

Flat Light **Geometry:**

Illumination Mode:

Constant

Physical & Mechanical Properties**Dimensions (mm):**

W 143 mm x D 143 mm x H 13.1 mm

Weight (g):

400

Optical Properties**Color:**

Red

Wavelength (nm):

632

Electrical**Power Consumption (W):**

19

Hardware & Interface Connectivity**Input Voltage (V):**

24

Power Supply:

Power Supply Required and Sold Separately:

USA: [#73-491](#)
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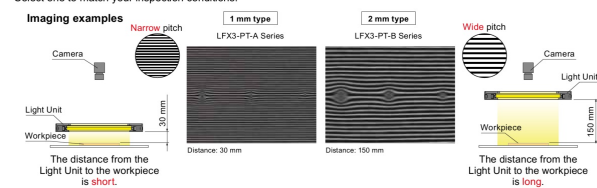
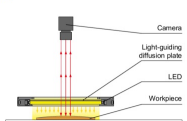
Regulatory Compliance**RoHS 2015:**[Exempt](#)**Reach 224:**[Contains SVHC\(s\)](#)**Certificate of Conformance:**[View](#)**Product Details**

- Detect Imperfections on Reflective Surfaces
- Line Pattern Projected Through Light Guiding Diffusion Plate
- Multiple Wavelengths and Working Distances Available

CCS Coaxial Line Pattern Flat Lights feature a line pattern on the surface of a light guiding diffusion plate which allows for the detection of minute bumps and dents on reflective surfaces. When integrated into a machine vision system, the image of the reflected line pattern highlights defects by breaking the continuity of the surface and distorting the line pattern. These flat lights are available with two pitch options, 1mm for shorter working distances and 2mm for longer working distances. CCS Coaxial Line Pattern Flat Lights are ideal for inspection of reflective surfaces such as mirrors, metal sheets, glass surfaces, and reflective films.

Technical Information**Two types of line patterns available**

Select one to match your inspection conditions.

**Example configuration (LFX3-100-PT)****Imaging example: Imaging the external appearance of metal plate**