

Line Pattern Flat Light LFX3-100BL-PT-B

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Stock **#21-826** 1 In Stock

-

1

+

₹2,30,550

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Volume Pricing	
Qty 1+	₹2,30,550 each
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Product Downloads

General	
LFX3-100BL-PT-B	Model Number:
LED Illuminator	Type of Illumination:
CCS	Manufacturer:
Flat Light	Geometry:
Constant	Illumination Mode:

Physical & Mechanical Properties

W 143 mm x D 143 mm x H 13.1 mm

400

Optical Properties	
Refractive Index (n)	1.50
Transmittance (%)	92
Absorbance (at 254 nm)	0.15
Fluorescence Intensity	Low

Blue

469

Electrical	
1	1.1
2	2.1
3	3.1
4	4.1
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95	95.1
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98	98.1
99	99.1
100	100.1

13

Hardware & Interface Connectivity

24

Power Supply Required and Sold Separately.

USA: **#73-491**

Europe: **#73-491**

Japan: #89-513

Korea: #33-773

China: #73-491

Regulatory Compliance	
GDPR Compliance: All data processing activities are documented in the Data Processing Register. Data subject requests are handled within the required 30-day timeframe. ISO 27001: The Information Security Management System (ISMS) is maintained and updated annually. Internal audits are conducted quarterly. PCI DSS: All card payment processing is performed by a PCI DSS compliant merchant service provider. Annual vulnerability scans are performed.	Next Steps: Implement two-factor authentication for all remote access to critical systems by Q3 2024. Review Date: This compliance report will be reviewed and updated at the next board meeting on 15th November 2024.

Exempt

Contains SVHC(s)

View

United States

Edmund Optics India Private Limited

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

