



LUDRE TEST MEASUREMENT AND QUALITY CONTROL SOFTWARE

LUDRE YAZILIM

<https://www.ludre.com.tr/>

UPDATE: AUGUST 2022

Back Light L212

1.FEATURES

- Lighting Color: 4000K, 6000K, UV 370 nm, UV 390 nm
- Lighting Angle: 15°, 30°, 60°
- Intensity Of Illumination: 3,84 k lm
- Led Number: 24
- Input Voltage: 24 V
- Input Current (15 μ s) : 4 Amp
- Input Current (1 second): 2,8 Amp
- Input Current (1 minute): 1,4 Amp
- Input Current (continuous): 1 Amp
- Dimensions: 33 cm x 7,5 cm x 2,5 cm
- At Constant Voltage Operation: None
- Diffusor Option: None

2.DESCRPTIONS

- Panel light illuminations contain various options suitable for projects with different angles and color options.

3.APPLICATIONS

- Engine Part Inspections
- Packaging Inspections
- Medical Bottle Inspections
- Food Package Inspections
- Surface Inspections
- Microscopic Camera Applications
- Particle Imaging in Liquid
- Particle Size Measurement
- Cell counting
- Cell Identification
- Flame Length Measurement
- Edge Detection
- Material Strain Measurement (elongation / shortening / degradation)
- Motion Detection
- Product Counting



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- Particle Counting
- Particle Identification
- Microscopic Camera Applications
- Cell Imaging
- Machine Monitoring
- Image Processing
- Industrial Led Lighting
- Conveyor Line Lighting
- Robot Vision Applications
- Industry 4.0 Applications
- Machine Lighting
- Bar Light
- Dark Field Light
- Panel Lighting
- Dark Effect Lighting
- Color Concentration Information
- Coordinate Information
- Velocity Measurement
- Obtaining Information such as Product Shape
- Volume, Faulty Product Elimination
- Machine Vision
- Test and Measurement
- Dome Light
- Ring Light
- Panel Light
- Back Light
- Dome Type
- Lighting
- Ring Lighting



Figure 1. Panel Light L212

Product Name	Dimensions
Panel Light L212	Widht: 75 mm
	Heigh: 25 mm
	Lenght: 330 mm



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4.DIMENSIONS

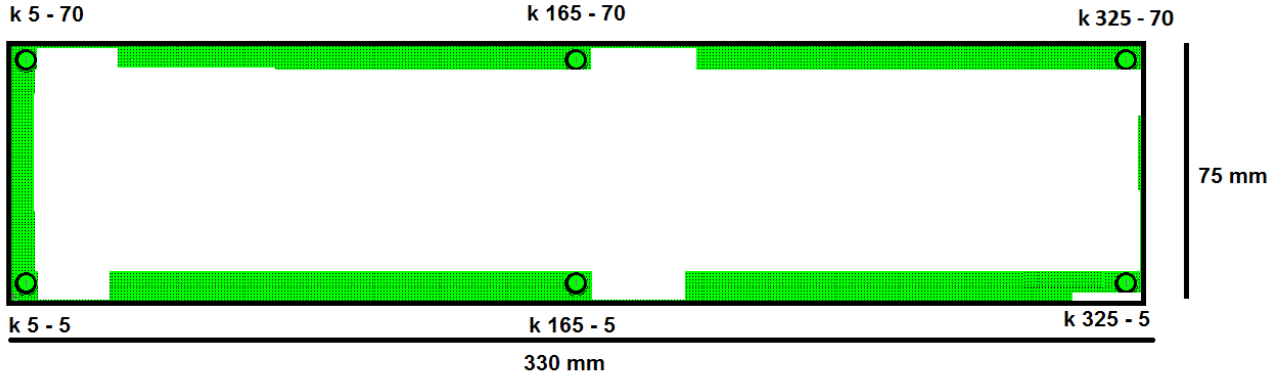


Figure 1. Panel Light L212 Dimensions

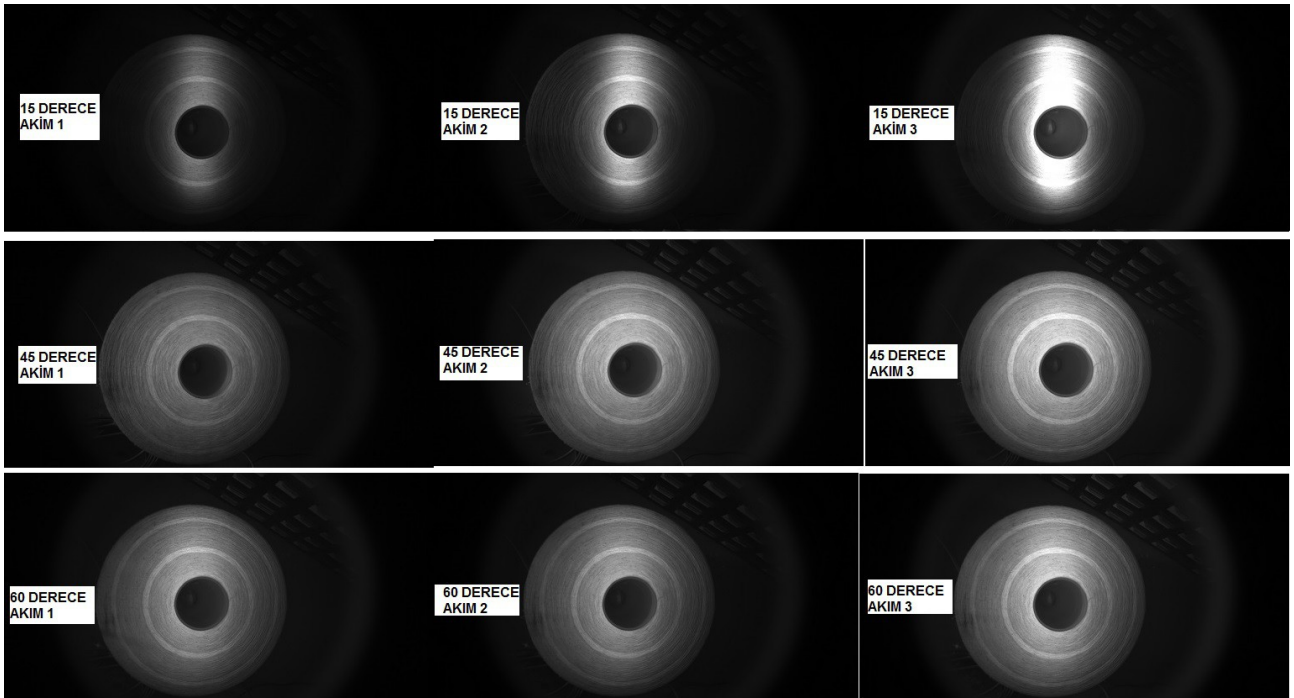


Figure 1. Panel Light L212 Camera Images of Different Degrees



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5.DOCUMENTS

<https://www.ludre.com.tr/panel-light-1212/40>

Logical Steps for Lighting Selection. Image processing is the process of detecting changes in pixel density data through calculation.

As such, stable detection requires projection of a clear image.

The lighting selection plays an important role in determining the performance of image processing-based inspection.

These lighting systems are used for contrast amplification in image-processing applications.

The product range includes solutions for an extremely wide range of lighting scenarios, including area, bar, spot, ring, coaxial, dark field and dome lighting systems.

The products are distinguished by various color temperatures, a high protection class, load-free trigger and trigger inversion.