



# LUDRE TEST MEASUREMENT AND QUALITY CONTROL SOFTWARE

LUDRE YAZILIM

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

UPDATE: AUGUST 2022

---

## Back Light L1005

---

### 1.FEATURES

- Lighting Color: 4000K, 6000K, UV 370 nm, UV 390 nm
- Lighting Angle: 15°, 30°, 45°, 60°
- Intensity Of Illumination: 16 k lm
- Led Number: 100
- Input Voltage: 24 V
- Input Current (15  $\mu$ s): 14 Amp
- Input Current (1 second): 10 Amp
- Input Current (1 minute): 7 Amp
- Input Current (continuous): 4 Amp
- Dimensions: 40 cm x 40 cm x 3 cm
- At Constant Voltage Operation: None
- Diffusor Option: None

### 2.DESCRPTIONS

- Ring light illuminations contain various options suitable for projects with different angles and color options. It is used in all areas where there is a camera and used in the field of artificial image processing. however, it is preferred in machine lighting and used in special machine lighting.

### 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



# LUDRE TEST MEASUREMENT AND QUALITY CONTROL SOFTWARE

LUDRE YAZILIM

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

UPDATE: AUGUST 2022

- 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
- 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



**Figure 1.** Back Light L1005

Product Name	Dimensions
Back Light L1005	Length: 400 mm
	Width: 400 mm
	Height: 30 mm



# LUDRE TEST MEASUREMENT AND QUALITY CONTROL SOFTWARE

LUDRE YAZILIM

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

UPDATE: AUGUST 2022

---

## Contents

1.FEATURES.....	1
2.DESCRPTIONS.....	1
3.APPLICATIONS.....	1
4.DIMENSINONS.....	4
<u>5.DOCUMENTS.....</u>	<u>6</u>



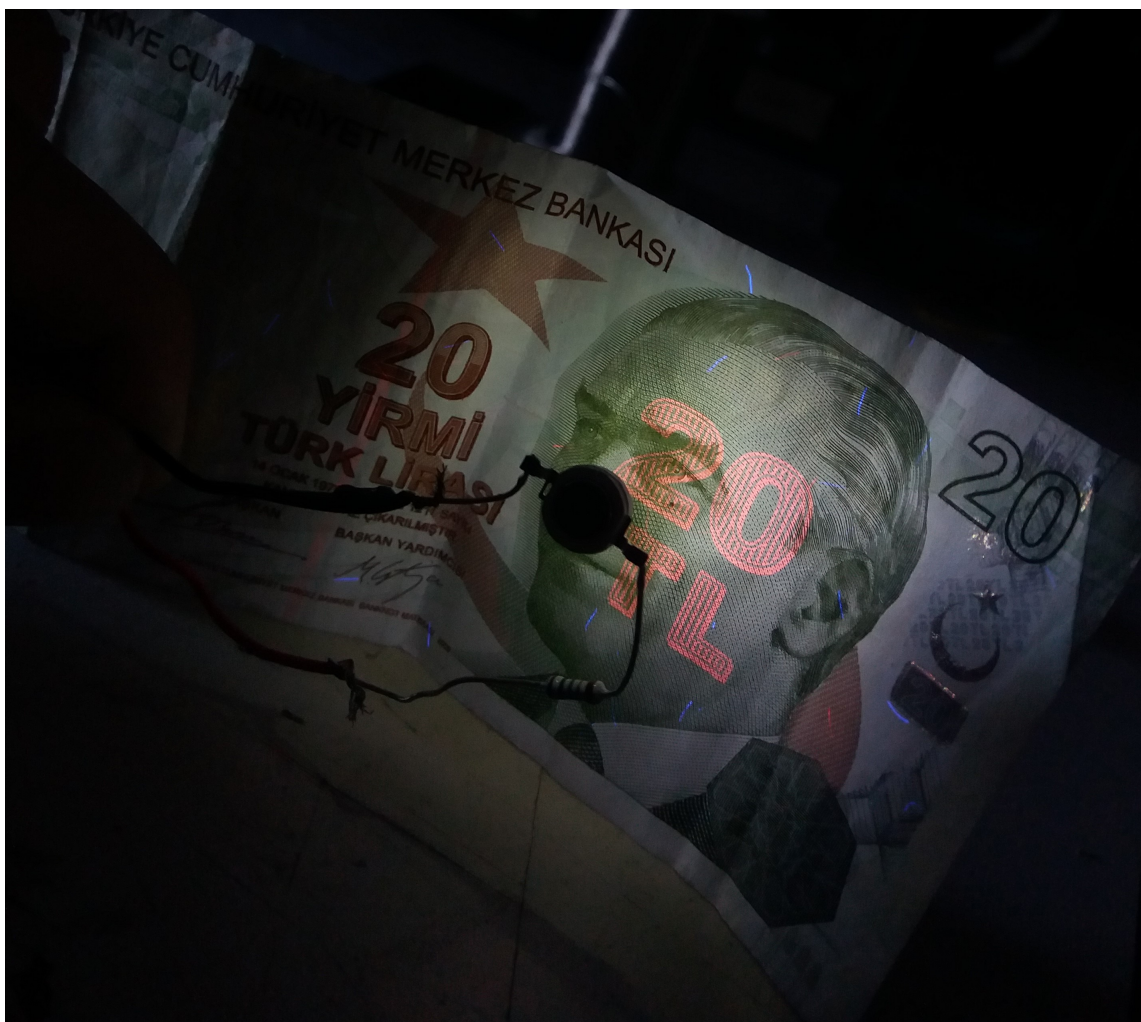
# LUDRE TEST MEASUREMENT AND QUALITY CONTROL SOFTWARE

LUDRE YAZILIM

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

UPDATE: AUGUST 2022

## 4.DIMENSIONS



**Figure 4.** Back Light L1005 Sample Image

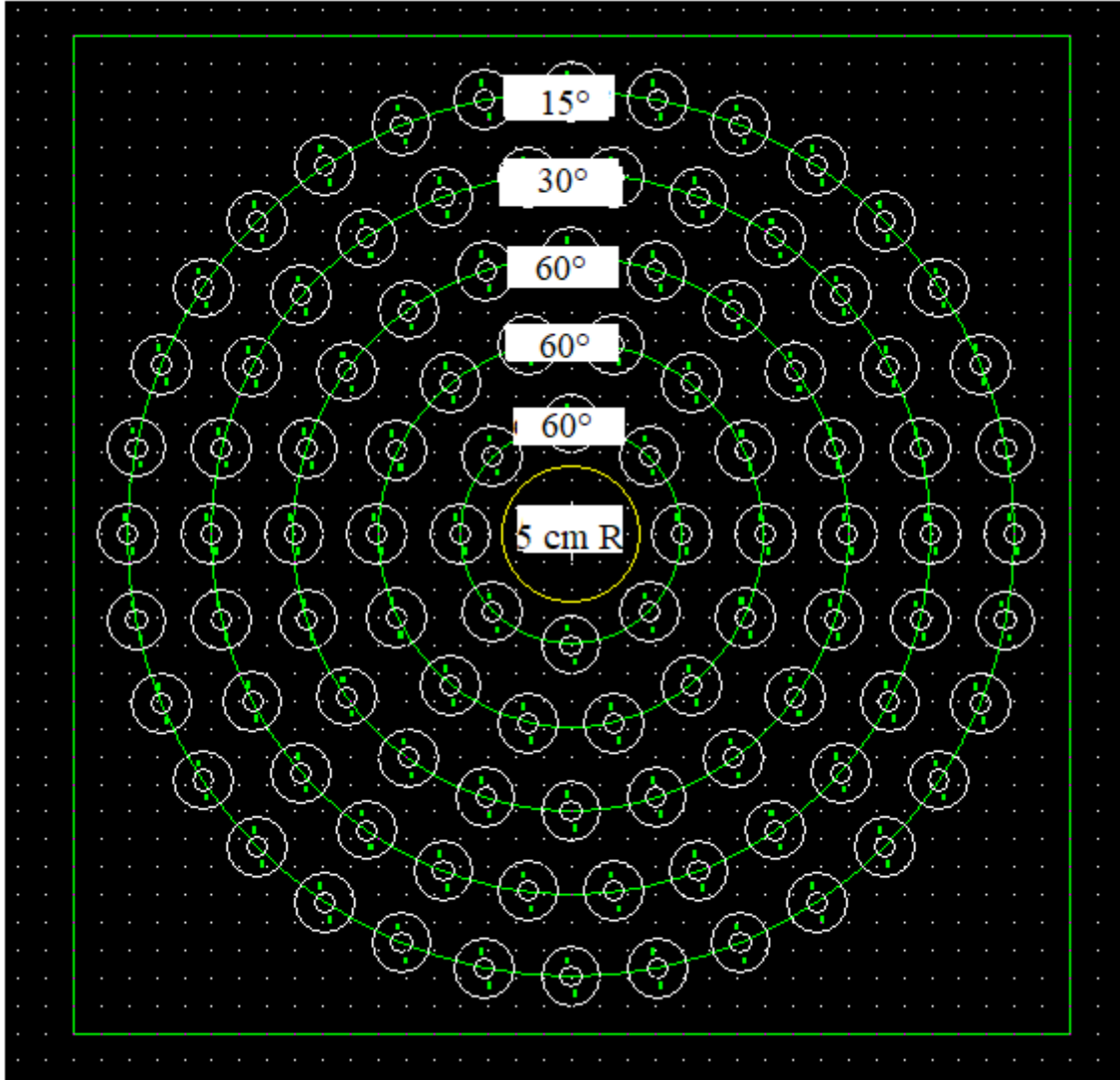


# LUDRE TEST MEASUREMENT AND QUALITY CONTROL SOFTWARE

LUDRE YAZILIM

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

UPDATE: AUGUST 2022



**Figure 4.1.** Back Light L1005 Design&Degrees



# LUDRE TEST MEASUREMENT AND QUALITY CONTROL SOFTWARE

LUDRE YAZILIM

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

UPDATE: AUGUST 2022

---

## 5.DOCUMENTS

<https://www.ludre.com.tr/ring-light-11005/58>

Our ringlights are used for shadow-free illumination of the objects examined.

They ensure symmetrical light around the camera lens and are used for surface and outline detection.

They are available with various beam angles, in all application-relevant color temperatures and with installed diffusers.

Ring Lights with switchable constant light are suited for operation from a 24 VDC voltage source.

They offer a constant light intensity over a wide voltage range and are distinguished by features such as trigger inversion and brightness adjustment.

Ring Lights are essential for lighting specular or diffused surfaces. Our Ring Lights are built with high density LEDs that create bright illumination of surfaces for a wide spectrum of Machine Vision inspection purposes.