



LUDRE TEST MEASUREMENT AND QUALITY CONTROL SOFTWARE

LUDRE YAZILIM

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

UPDATE: AUGUST 2022

Back Light L1411

1.FEATURES

- Lighting Color: 6000K, Green, Red
- Lighting Angle: 30°, 60°
- Intensity Of Illumination: 0,385 lm
- Led Number: 154
- Input Voltage: 24 V
- Input Current (15 μ s) : 0,88 Amp
- Input Current (1 second): 0,55 Amp
- Input Current (1 minute): 0,44 Amp
- Input Current (continuous): 0,264 Amp
- Dimensions: 10,5 cm x 8,3 cm x 2,5 cm
- At Constant Voltage Operation: Have
- Diffusor Option: There Are

2.DESCRPTIONS

- Backlight lightings include 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
- Particle Counting
- Cell counting
- Cell Identification
- Flame Length Measurement
- Edge Detection
- Material Strain Measurement (elongation / shortening / degradation)
- Motion Detection
- Product Counting
- Color Concentration Information



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- 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
- 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

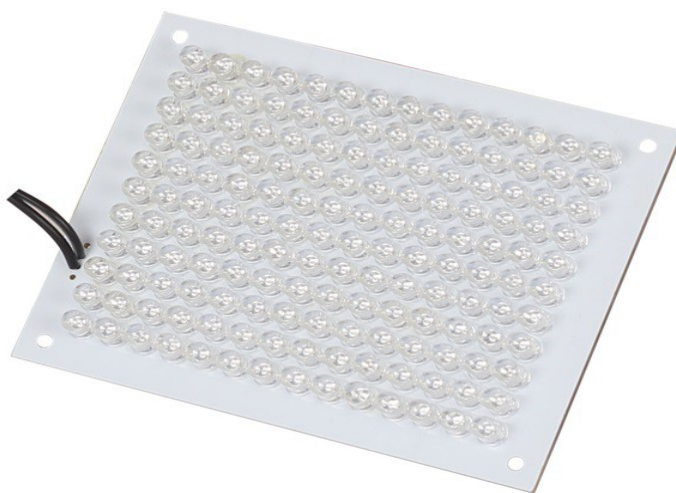


Figure 1. Back Light L1411

Back Light L1411	Lenght:73,66mm
Back Light L1411	Widht:88,90mm
	Heigh:3,20mm
	Lenght:73,66mm



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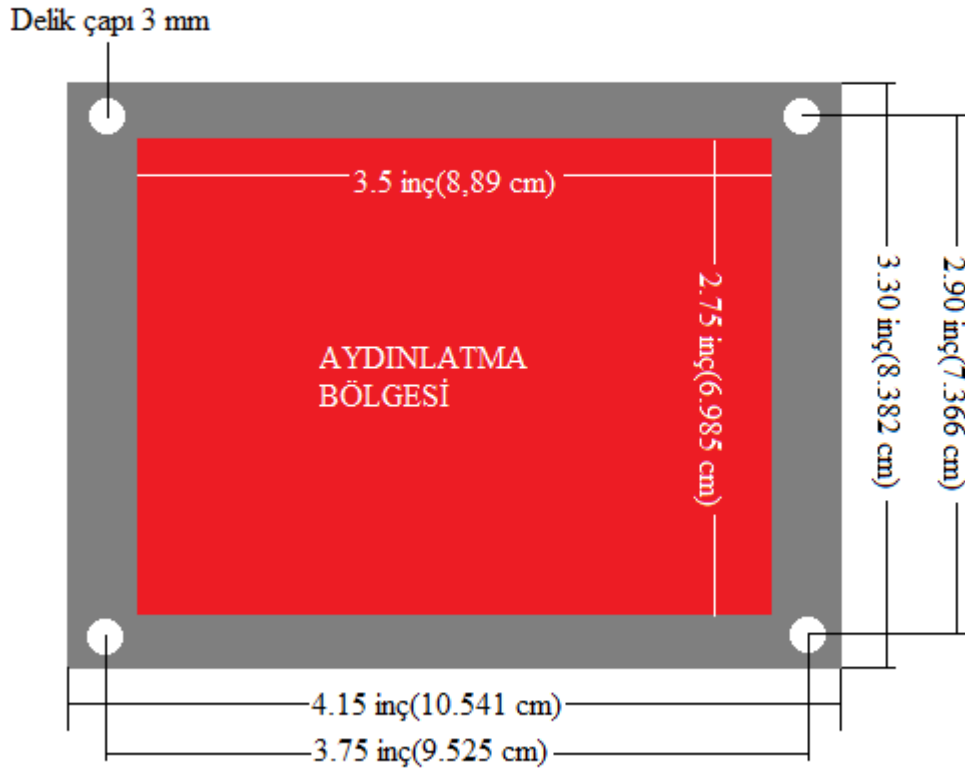
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4.DIMENSIONS

Boyutlar ; 4.15x3.3 inç(10.541x8.382 cm)

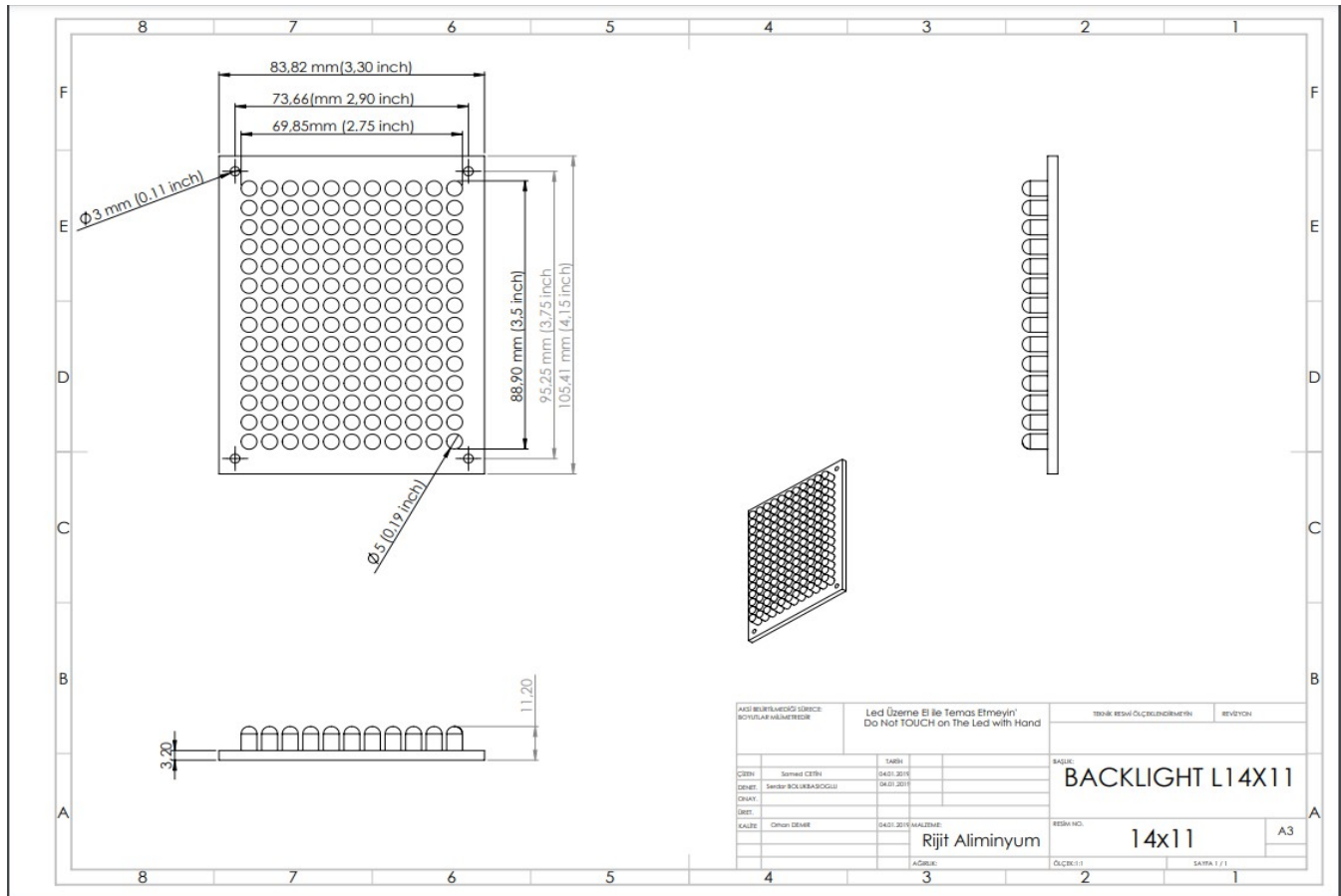


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5.DOCUMENTS

<https://www.ludre.com.tr/back-light-11411/27>

Backlighting is one of the most popular forms of vision inspection illumination, providing maximum contrast between object and scene and producing a high contrast image with consistent edge definition.

Commonly applied to measuring, defect and hole detection, and determining the orientation of parts.

Our range Backlights includes several models, colours and lengths and there are also custom orders available.

Area lights are used to illuminate backgrounds and check contours and thereby for the camera top view for the outline detection of objects.

The lighting systems are available in all application-relevant color temperatures and can be used for objects with sizes.