



Innovative Photonic Solutions

# LED Backlights

**1" x 1" and 2" x 2"  
Active Area**

## KEY FEATURES

- Current Regulated Circuitry
- No Burn-Out Design
- Maintenance Free Operation
- Long Lifetime (100,000 Hrs)
- Superior Uniformity +/-10%

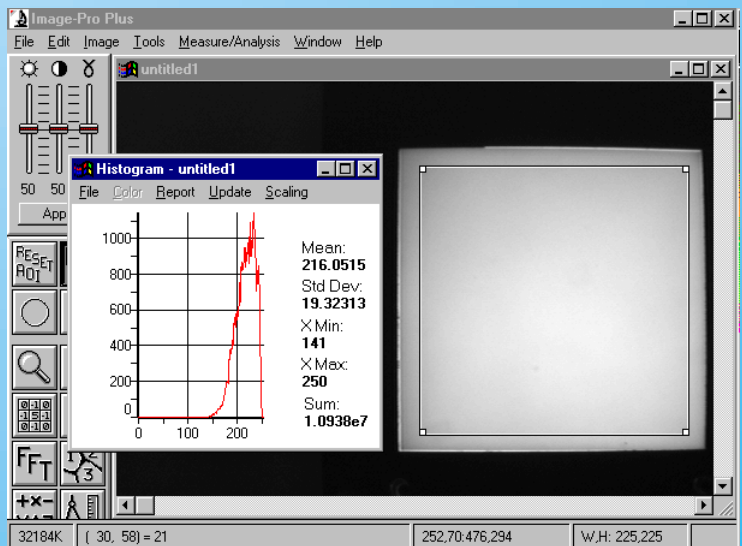
## APPLICATIONS

- Metrology
- Gauging
- Transparent Object Inspection
- Edge Detection
- Glass Inspection



## Superior Backlight Uniformity

Illumination Technologies provides the highest quality LED products available. LEDs provide maintenance free operation in excess of 100,000 hrs. Superior output uniformity provides excellent machine vision performance. The data on the right displays the typical intensity distribution for our line of LED backlights. A uniformity measurement is made over the central 95% of the active area and specified using the one sigma point to be not greater than +/-10%. Our units are 100% inspected and are furnished with compliance reports.



## P/N 5622-CW

### LED Mini-Backlight

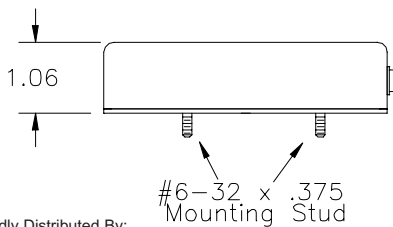
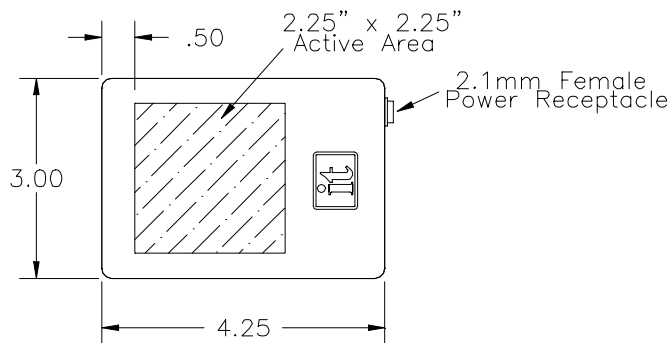
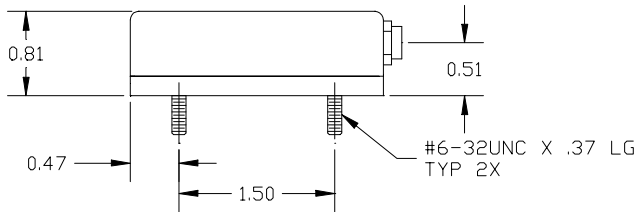
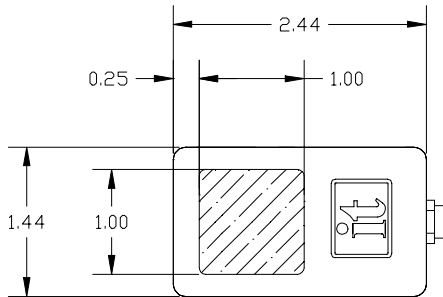
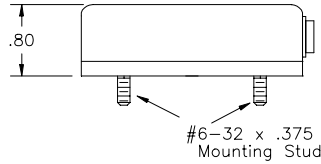
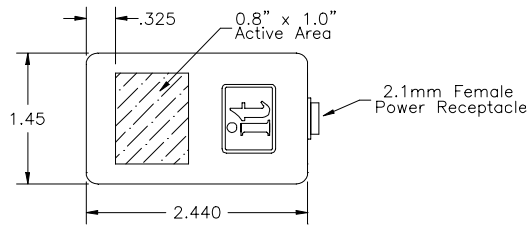
Continuous DC output, Current Regulated LED backlight. High output luminance with excellent uniformity over small active area. Low profile design. Mounting stud on base.

Luminance: 250 cd/m<sup>2</sup>

Uniformity: +/-10%

Lifetime: >100,000 hrs

Wavelength: 660 nm



## P/N 5624-CW

### LED Mini-Backlight

The 5624-CW has the same features and benefits of the 5622-CW, but with a slightly larger active area. The 5624-CW is also available in a number of colors

5624-CWBL 430 nm

5624-CWGRN 565 nm

5624-CWYELL 590 nm

5624-CWORG 620 nm

5624-CWRED 660 nm

5624-CWWHT 400 - 700 nm

## P/N 5632-CW

### LED Backlight

Continuous DC output, Current Regulated LED backlight. High output luminance with excellent uniformity over larger active area. Low profile design. Mounting stud on base.

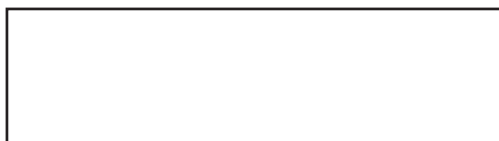
Luminance: 300 cd/m<sup>2</sup>

Uniformity: +/-10%

Lifetime: >100,000 hrs

Wavelength: 660 nm

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