

# **LED Array Test Report**

**Test Date: 16-Dec-2024 Test Time: 23:10:31**

**Automated Test System**

16-Dec-2024

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# Chapter 1. Test Results

## 1.1. Test Parameters

Test conducted on: 16-Dec-2024 23:10:36

Intensity Threshold: 0.70 Saturation Threshold: 0.20 Grid Size: 4x16

## 1.2. Test Results

Test Summary:

Description	Value
Total LEDs	64
Working LEDs	48
Missing LEDs	16

Failed LED Positions:

Row	Column
3	1
3	2
3	3
3	4
3	5
3	6
3	7
3	8
3	9
3	10
3	11
3	12
3	13
3	14
3	15
3	16

**TEST STATUS: FAIL**

### 1.2.1. Visualizations

Figure 1: Reference LED Mask

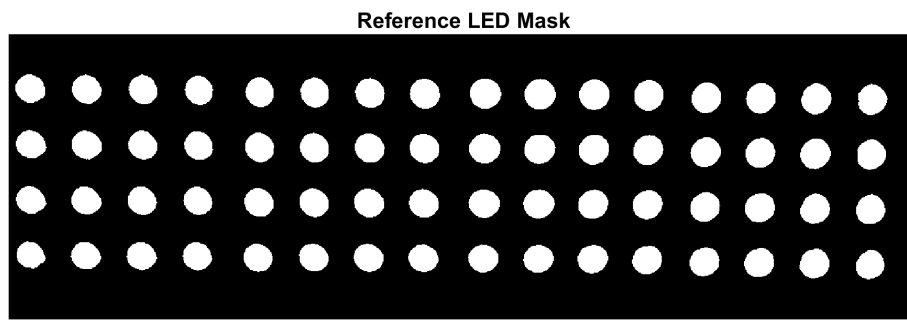


Figure 2: Test LED Mask

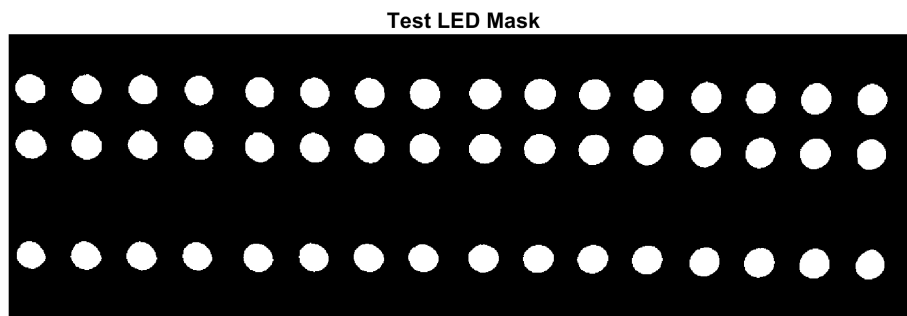


Figure 3: Reference Mask with Bounding Boxes

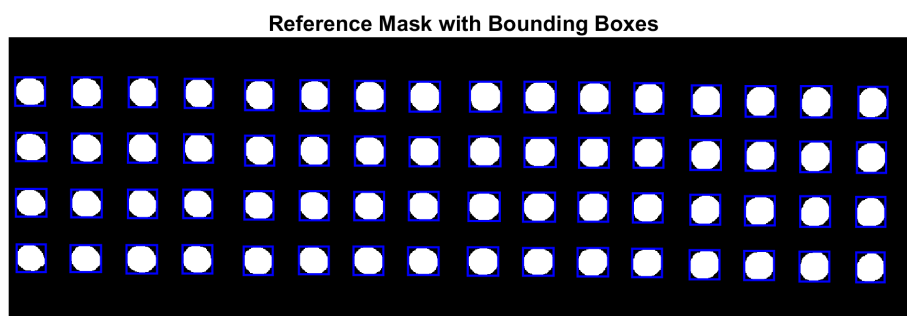


Figure 4: Missing LEDs Highlighted

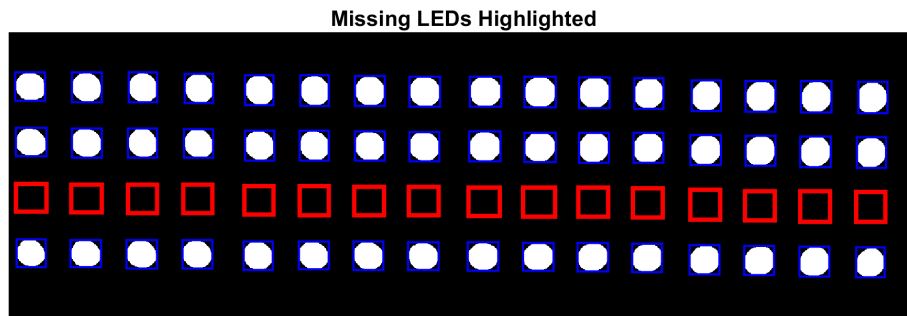


Figure 5: LED Intensity Ratios

