

LED Array Test Report

Test Date: 17-Dec-2024 Test Time: 15:30:12

Automated Test System

17-Dec-2024

Chapter 1. Test Results

1.1. Test Parameters

Test conducted on: 17-Dec-2024 15:30:19

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

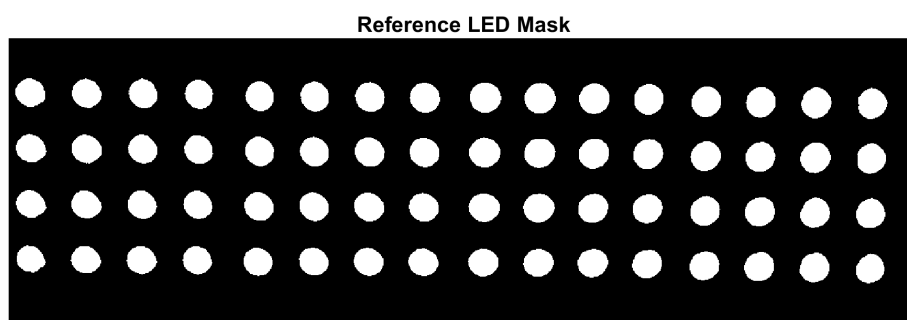


Figure 2: Test LED Mask

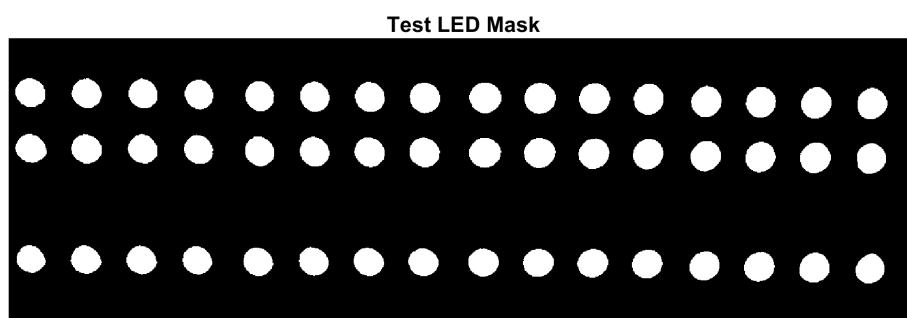


Figure 3: Reference Mask with Bounding Boxes

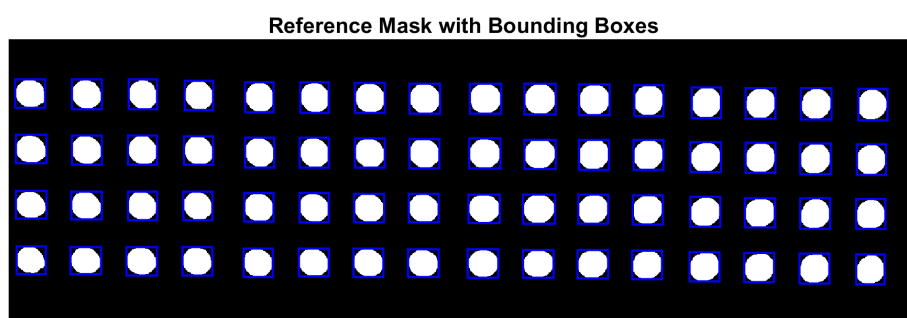


Figure 4: Missing LEDs Highlighted

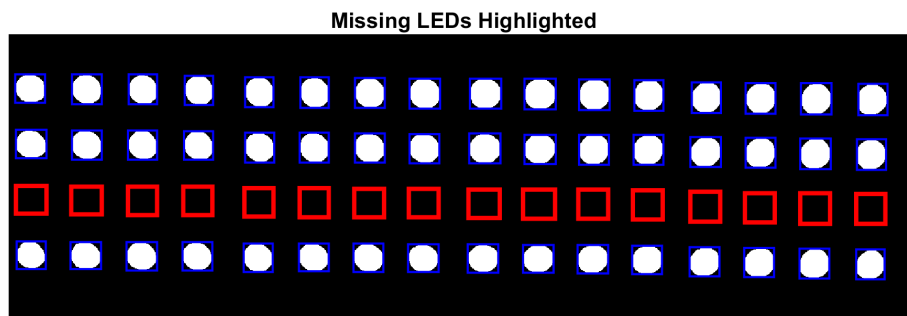


Figure 5: LED Intensity Ratios

