

LED Array Test Report

Test Date: 16-Dec-2024 Test Time: 23:04:47

Automated Test System

16-Dec-2024

Chapter 1. Test Results

1.1. Test Parameters

Test conducted on: 16-Dec-2024 23:04:53

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

TEST STATUS: FAIL

1.2.1. Visualizations

Figure 1: Reference LED Mask

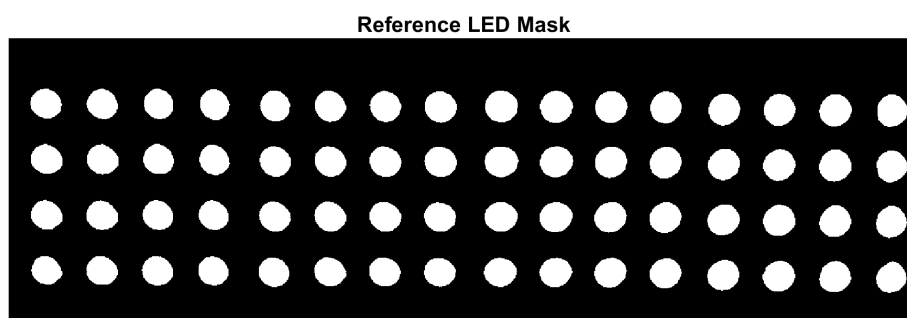


Figure 2: Test LED Mask

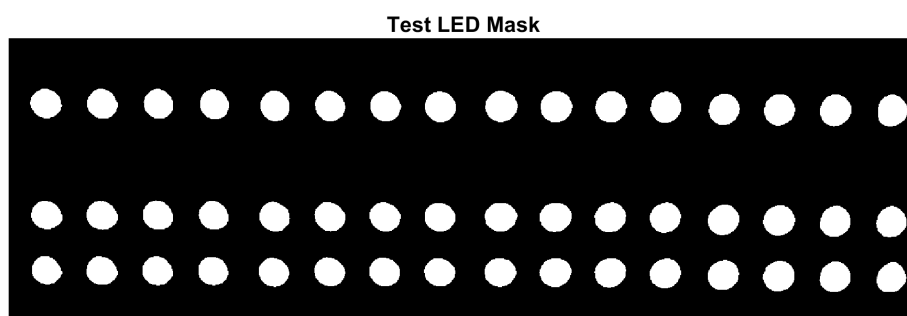


Figure 3: Reference Mask with Bounding Boxes

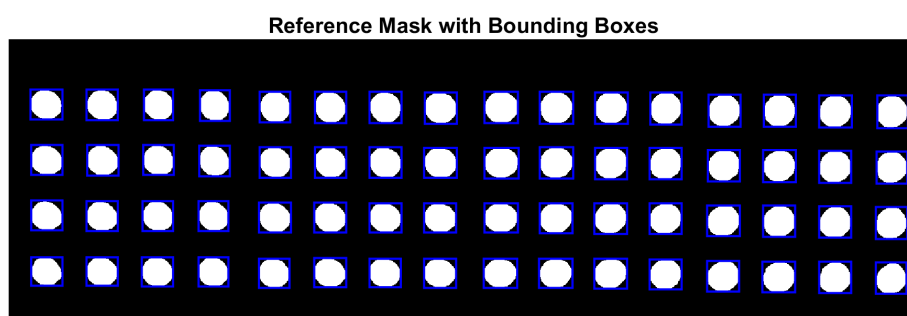


Figure 4: Missing LEDs Highlighted

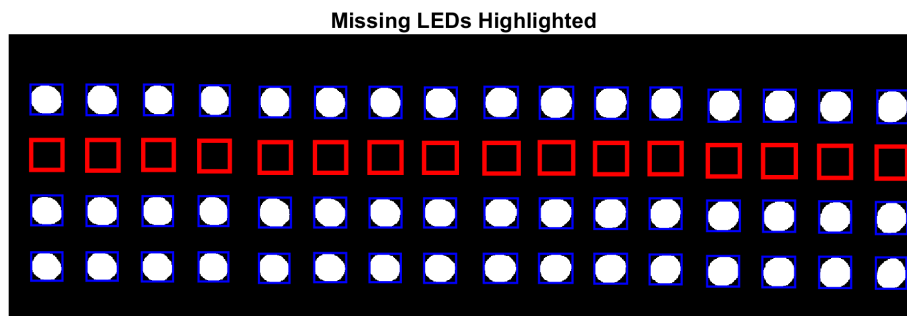


Figure 5: LED Intensity Ratios

