

# Camera Calibration Report



Generated on: Thursday, November 13, 2025 10:12 AM

Using: CameraTrax 24 ColorCard

## Calibration Metrics

Metric	Pass or Fail
Color Balance	FAIL
Focus	FAIL
Resolution	PASS

## Focus Analysis

Value	Threshold	Pass or Fail
153144.80	150000.00	Pass

## Resolution Analysis




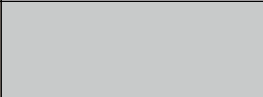
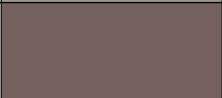
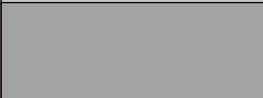
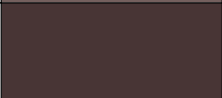
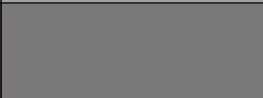
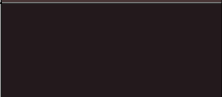
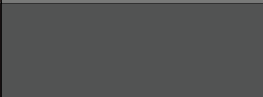
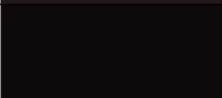
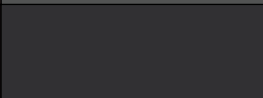
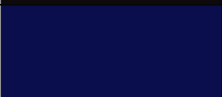
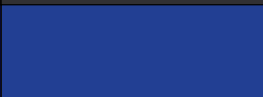




























Camera Matrix		
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
Reprojection Error		Pass or Fail
0.00		Pass

## Color Balance Analysis

### Light Intensity Analysis

Intensity Analysis	Pass or Fail
90.51752197265625	Fail

Color	HSV (H°, S%, V%)	Delta	Pass/Fail	Sample Color	Reference Color
White	S: 177.0°, 80.4%, 82.7%	17.13	Fail		

Color	HSV (H°, S%, V%)	Delta	Pass/Fail	Sample Color	Reference Color
	Ref: 243.0°, 93.3%, 95.3%				
Light Grey	S: 137.0°, 58.0%, 62.7% Ref: 202.0°, 79.2%, 78.4%	16.46	Fail		
Grey	S: 94.0°, 37.6%, 45.5% Ref: 161.0°, 63.5%, 63.1%	25.12	Fail		
Dark Grey	S: 53.0°, 20.8%, 28.2% Ref: 120.0°, 47.5%, 47.1%	25.12	Fail		
Charcoal	S: 28.0°, 9.8%, 13.7% Ref: 83.0°, 32.5%, 32.2%	19.52	Fail		
Black	S: 11.0°, 3.5%, 5.5% Ref: 51.0°, 18.8%, 19.2%	11.07	Fail		
Blue	S: 76.0°, 5.5%, 4.3% Ref: 147.0°, 24.7%, 13.3%	16.44	Fail		
Green	S: 25.0°, 30.6%, 19.6% Ref: 74.0°, 58.4%, 26.3%	24.64	Fail		
Red	S: 2.0°, 4.7%, 56.1% Ref: 47.0°, 19.2%, 70.6%	11.02	Fail		
Yellow	S: 1.0°, 59.2%, 88.6% Ref: 32.0°, 77.6%, 93.3%	15.08	Fail		
Magenta	S: 75.0°, 10.2%, 58.4% Ref: 151.0°, 32.9%, 75.7%	19.07	Fail		
Cyan	S: 110.0°, 23.5%, 8.6% Ref: 170.0°, 53.3%, 4.7%	28.58	Fail		
Orange	S: 1.0°, 23.9%, 76.1% Ref: 47.0°, 48.6%, 87.8%	18.35	Fail		
Medium Blue	S: 107.0°, 11.0%, 9.4% Ref: 170.0°, 35.7%, 26.7%	19.97	Fail		
Light Red	S: 25.0°, 10.6%, 59.2% Ref: 97.0°, 32.2%, 77.6%	18.95	Fail		
Purple	S: 39.0°, 5.1%, 17.3% Ref: 106.0°, 22.7%, 36.9%	16.30	Fail		
Yellow Green	S: 13.0°, 52.2%, 47.1% Ref: 63.0°, 74.1%, 62.4%	17.14	Fail		
Orange Yellow	S: 1.0°, 40.4%, 79.2% Ref: 39.0°, 63.5%, 90.2%	18.89	Fail		
Dark Tone	S: 15.0°, 9.4%, 23.5% Ref: 67.0°, 31.8%, 45.5%	18.20	Fail		
Light Tone	S: 50.0°, 29.4%, 59.6% Ref: 129.0°, 57.6%, 78.0%	24.70	Fail		
Sky Blue	S: 88.0°, 19.2%, 17.6%	25.78	Fail		

Color	HSV (H°, S%, V%)	Delta	Pass/Fail	Sample Color	Reference Color
	Ref: 156.0°, 47.8%, 35.7%				
Tree Green	S: 16.0°, 17.6%, 16.9% Ref: 64.0°, 42.4%, 35.3%	20.96	Fail		
Light Blue	S: 112.0°, 22.4%, 27.5% Ref: 176.0°, 50.2%, 51.0%	25.18	Fail		
Blue Green	S: 104.0°, 48.2%, 24.7% Ref: 172.0°, 74.5%, 36.1%	21.66	Fail		

Report Complete