Professional Display Calibration Report

Calibration Device	Calibrated on	Operator
i1d3 SE	2026/02/09	Power 2.20
Total Patches	Max Print Deviation	Software
3965 7641 2	Disabled	CLP, LPC, v2016.03, 2020.10.13 0.0.20.05.08

Weighted Measured Color Science Engine

1 · Calibration Summary

Measured Gray · Target D65 · Gamut Vol. · Gamut Cov. · Grayscale Tracking

Average dE2000	Average dE ITP	3D LUT/Gamut Coverage	Average Nits
0.19	0.62	99.8%	6,500 K
Maximum dE2000	Maximum dE ITP	3D LUT/DCI-P3 Volume Ratio	Contrast Ratio
0.95	4.83	101.5%	585,530:1

Metric	Target	Before	After	Change
Average dE2000	0.00	0.21	0.19	-0.02
Maximum dE2000	0.00	0.71	0.95	+0.24
Average dE ITP	0.00	28.17	0.62	-97.8%
Maximum dE ITP	0.00	41.03	4.83	-88.2%
3D LUT/DCI-P3 Gamut Volume Coverage	100.0%	100.0%	99.8%	-0.2%
3D LUT/DCI-P3 Gamut Volume Ratio	100.0%	101.5%	101.5%	+1.5%
DCI-P3 Gamut Coverage	100.0%	100.0%	99.9%	-0.1%
BT.2 Gamut Coverage	100.0%	100.0%	100.0%	0.0%
Gamma EOTF	2.20 (1886)	2.20 (1886)	2.20 (1886)	0.00
Grayscale Luminance	6,500 Nits	6,500 Nits	6,500 Nits	0.00 Nits
Maximum Luminance	10,000 Nits	10,000 Nits	10,000 Nits	0.00 Nits
Average Gamma	2.200	2.200	2.200	0.000
Average Hue	0.000 ST	0.000 ST	0.000 ST	+0.000000

Report Output

Pre-calibration Characterization / Post-calibration Verification · 3D LUT · Disabled

2 · Gamut

Before / After Comparison • 3D GBD Gamut Volume

Gamut · Coverage · Volume · Ratio · Comparison

2D CIE1931 GBD Gamut Volume

Before · Reference gamut from the standard viewing angle · Comparison gamut from the standard viewing angle · Measured ■ Reference

3D CIE1976 GBD Gamut Volume

Before · Reference gamut from the standard viewing angle · Comparison gamut from the standard viewing angle · Measured ■ Reference

GBD Reference Including Pointer's Gamut

Uniformly sampled GBD including display coordinates for accurate, physically representative volumes.

3 · Color Accuracy

Before / After Comparison • Color Accuracy

Gamut · Coverage · Volume · Ratio · Comparison

dE 2000 Color Difference

Before · ΔE 2000 Color Difference · Measured

dE 2000 Color Difference

After · ΔE 2000 Color Difference · Measured

Color Difference Distribution · 3D Gamut · 3D Gamut

Color Difference Distribution · 3D Gamut · 3D Gamut

dE ITP Color Difference

Before · ΔE ITP Color Difference · Measured

dE ITP Color Difference

After · ΔE ITP Color Difference · Measured

Color Difference Distribution · 3D Gamut · 3D Gamut

Color Difference Distribution · 3D Gamut · 3D Gamut

4 · Before / After Comparison

Before / After Comparison • Tone Response and Grayscale

Gamut · Coverage · Volume · Ratio · Comparison

EOTF Luminance Tracking

Before · Measured · Reference

EOTF Luminance Tracking

After · Measured · Reference

EOTF Gradient Error

Before · Measured · Reference

EOTF Gradient Error

After · Measured · Reference

RGB Relative Balance

Before · Measured · Reference

RGB Relative Balance

After · Measured · Reference

RGB Absolute Balance

Before · Measured · Reference

RGB Absolute Balance

After · Measured · Reference

Grayscale EZ Tracking

Before · Measured · Reference

Grayscale EZ Tracking

After · Measured · Reference

Grayscale Hue Tracking

Before · Measured · Reference

Grayscale Hue Tracking

After · Measured · Reference

5 · 3D Pipeline Mapping

Pre · 3D LUT

3D LUT Color-space Mapping

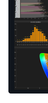
Before · Measured · Reference

Pre-3D LUT Mapping

After · Measured · Reference

3D LUT Grayscale Mapping

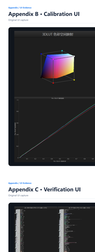
Before · Measured · Reference



Appendix · A Addition

Appendix A • Characterization UI

Gamut · Coverage · Volume · Ratio · Comparison



Appendix · B Addition

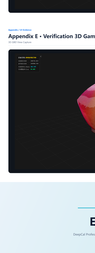
Appendix B • Calibration UI

Gamut · Coverage · Volume · Ratio · Comparison

Appendix · C Addition

Appendix C • Verification UI

Gamut · Coverage · Volume · Ratio · Comparison



Appendix · D Addition

Appendix D • Characterization 3D Gamut

Gamut · Coverage · Volume · Ratio · Comparison

Appendix · E Addition

Appendix E • Verification 3D Gamut

Gamut · Coverage · Volume · Ratio · Comparison

END

DeepCal Professional Calibration Report