

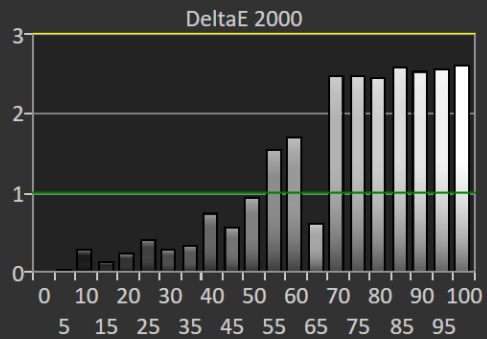
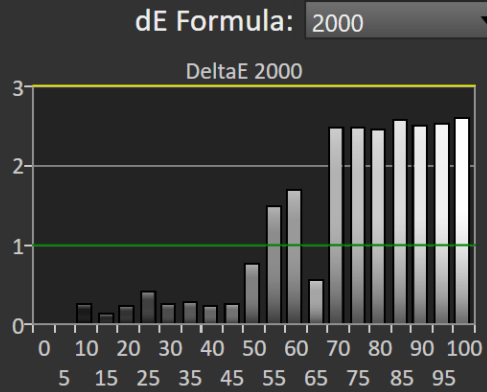
Gray Scale: HDR Peak low

LG 32GS95UX – 2% APL

Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0



Grayscale Tracking



Current Reading:

x: 0.3124

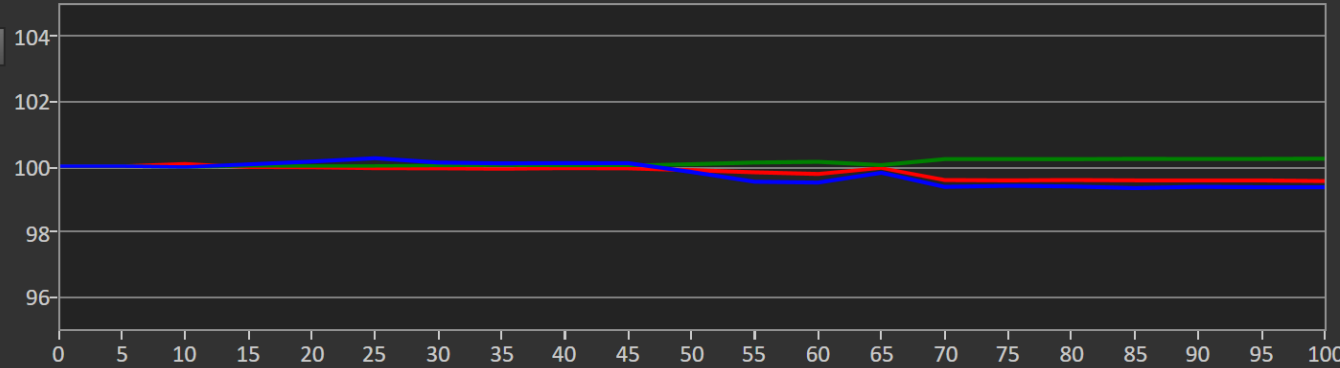
y: 0.332

fL: 179.17

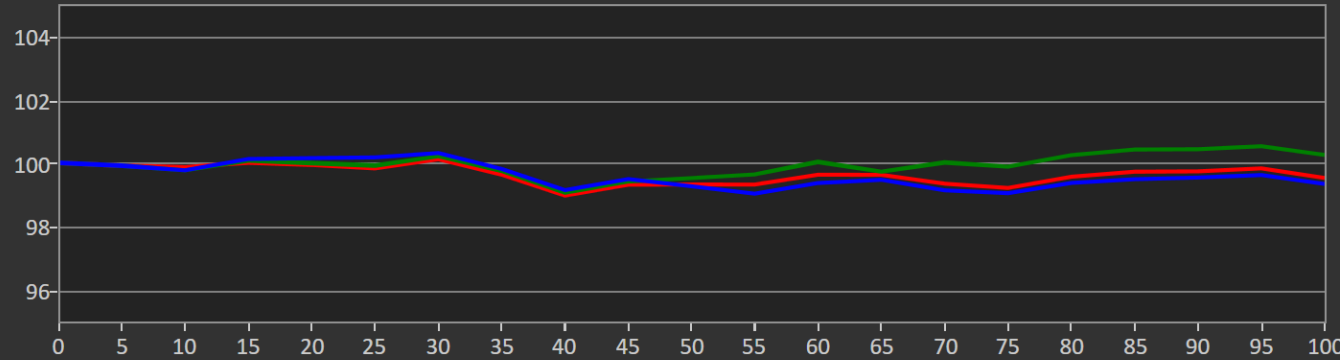
cd/m²: 613.883

	0	5	10	15	20	25	30	35	40	45	50
Y	0.001	0.001	0.207	1.013	2.421	5.163	9.972	17.809	30.363	54.015	91.646
x: CIE31	0.370	0.331	0.351	0.307	0.308	0.309	0.311	0.311	0.312	0.312	0.313
y: CIE31	0.332	0.346	0.325	0.325	0.324	0.325	0.328	0.328	0.328	0.329	0.331
Target Y	0.000	0.063	0.342	0.982	2.429	5.226	9.791	18.223	32.448	55.925	94.075
Target x:CIE31	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313
Target y:CIE31	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329

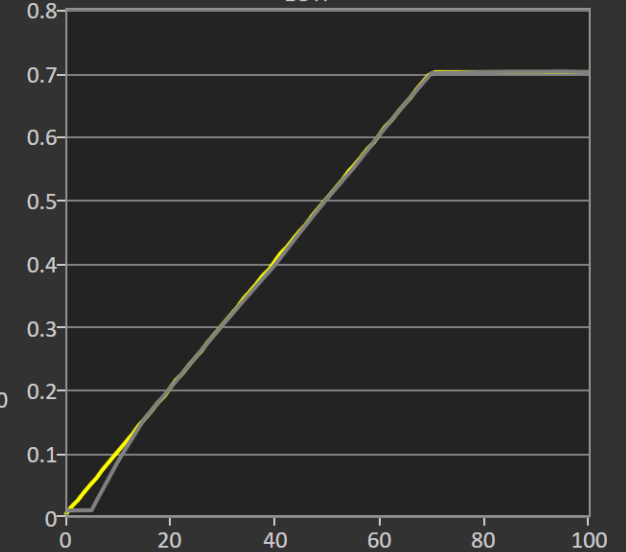
RGB Balance, without Luminance



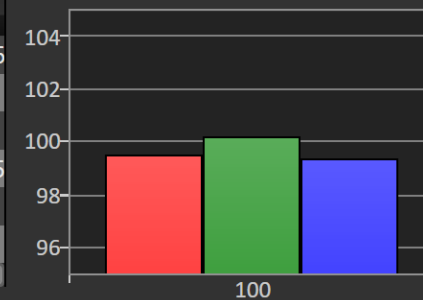
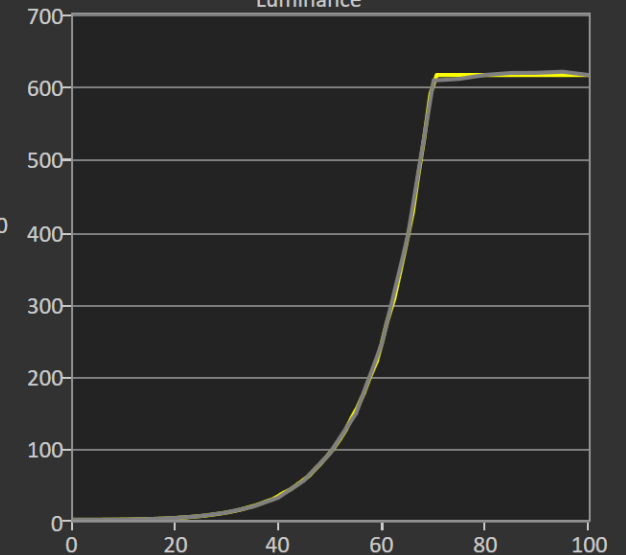
RGB Balance, with Luminance



EOTF



Luminance



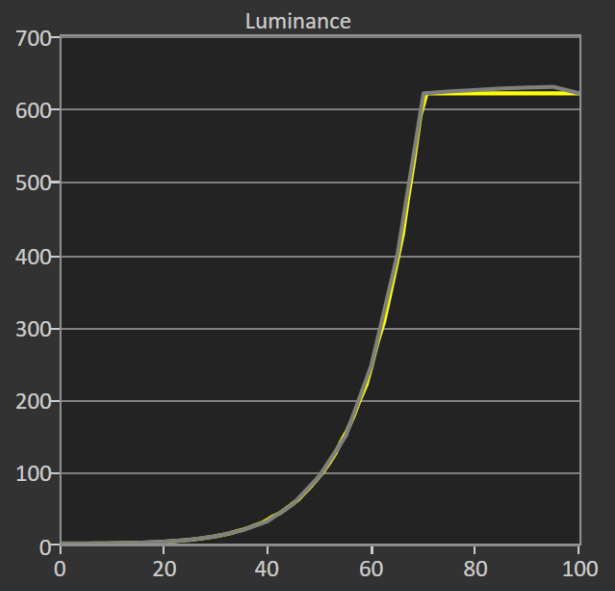
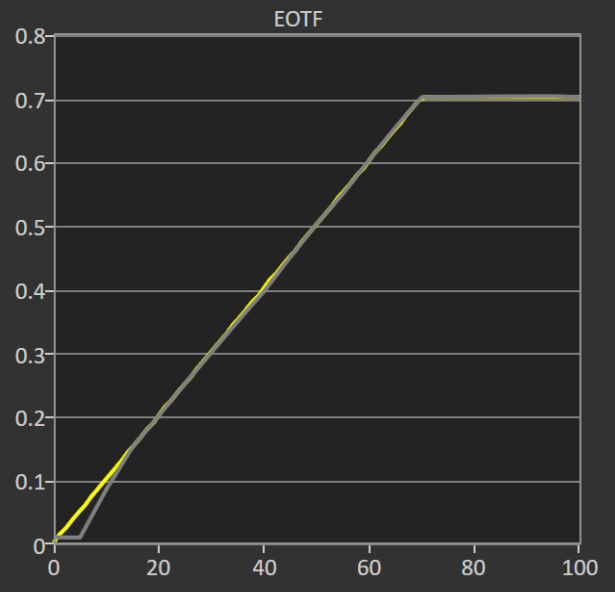
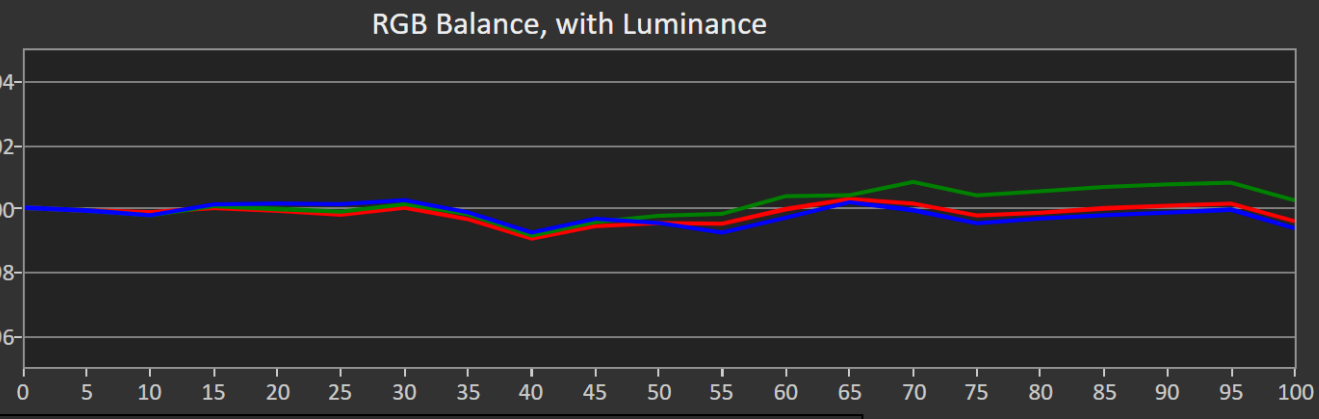
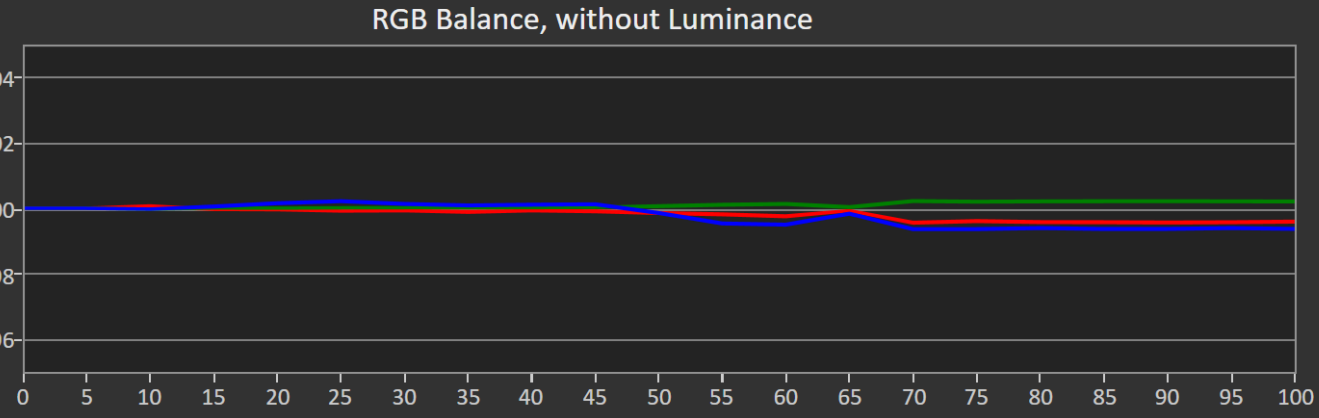
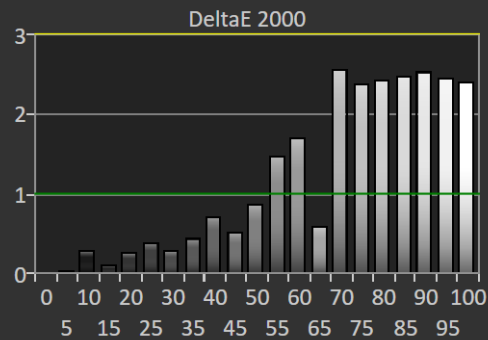
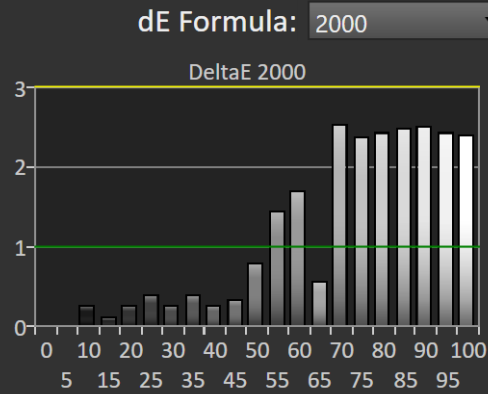
Gray Scale: HDR Peak low

LG 32GS95UX – 10% APL

Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0



Grayscale Tracking



Current Reading:

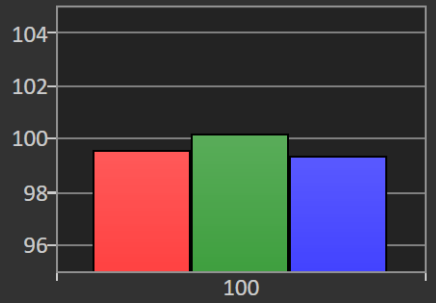
x: 0.3125

y: 0.3319

fL: 180.619

cd/m²: 618.847

	0	5	10	15	20	25	30	35	40	45	50
Y	0.002	0.001	0.202	1.001	2.398	5.138	9.874	17.867	30.493	54.426	92.632
x: CIE31	0.354	0.401	0.351	0.307	0.308	0.309	0.311	0.311	0.311	0.311	0.312
y: CIE31	0.357	0.394	0.325	0.325	0.324	0.326	0.328	0.329	0.328	0.328	0.330
Target Y	0.000	0.063	0.342	0.982	2.429	5.226	9.791	18.223	32.448	55.925	94.075
Target x:CIE31	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313
Target y:CIE31	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329



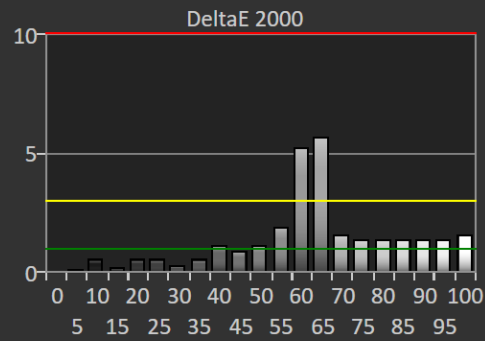
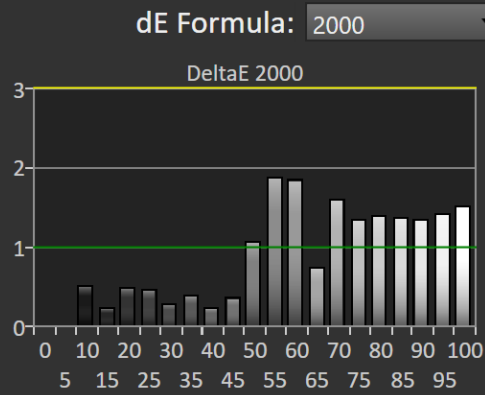
Gray Scale: HDR Peak low

LG 32GS95UX – 50% APL

Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0



Grayscale Tracking



Current Reading:

x: 0.3133

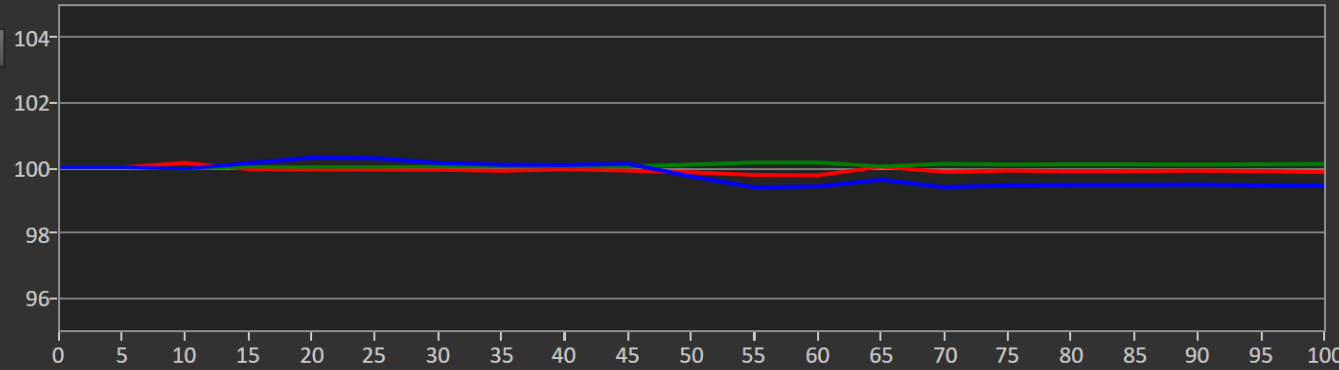
y: 0.3312

fL: 92.212

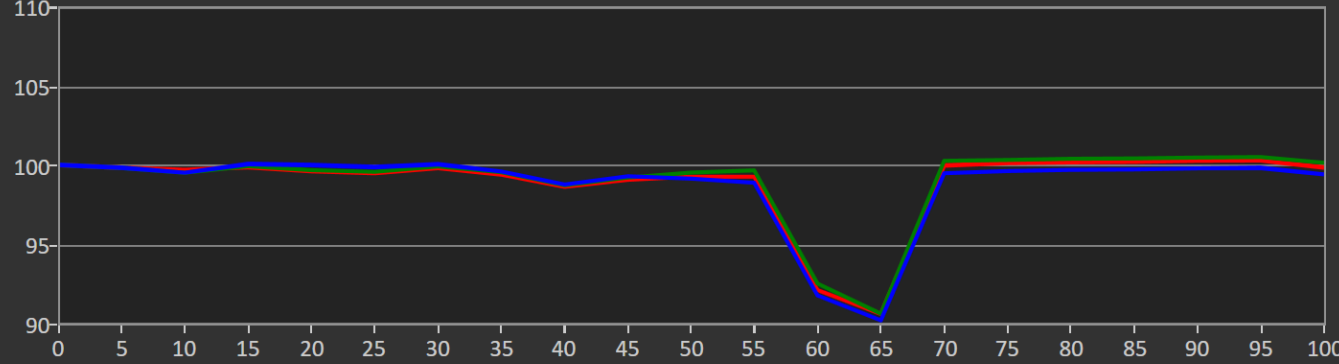
cd/m²: 315.942

	0	5	10	15	20	25	30	35	40	45	50
Y	0.001	0.001	0.195	0.956	2.321	5.007	9.714	17.649	30.193	53.871	92.086
x: CIE31	0.321	0.364	0.352	0.306	0.308	0.309	0.311	0.311	0.312	0.312	0.313
y: CIE31	0.307	0.299	0.325	0.324	0.324	0.326	0.328	0.329	0.329	0.329	0.331
Target Y	0.000	0.063	0.342	0.982	2.429	5.226	9.791	18.223	32.448	55.925	94.075
Target x:CIE31	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313
Target y:CIE31	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329	0.329

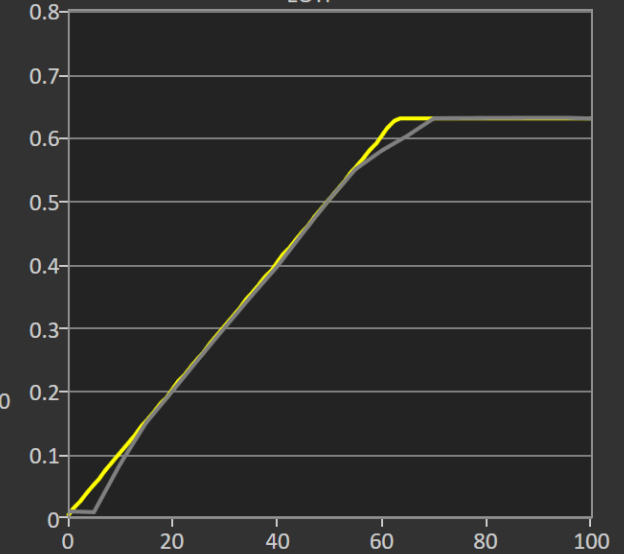
RGB Balance, without Luminance



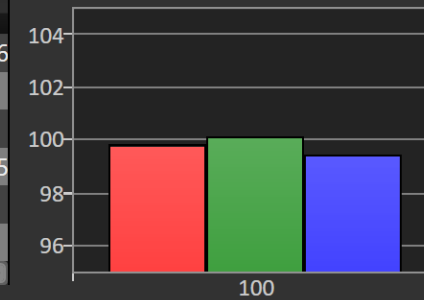
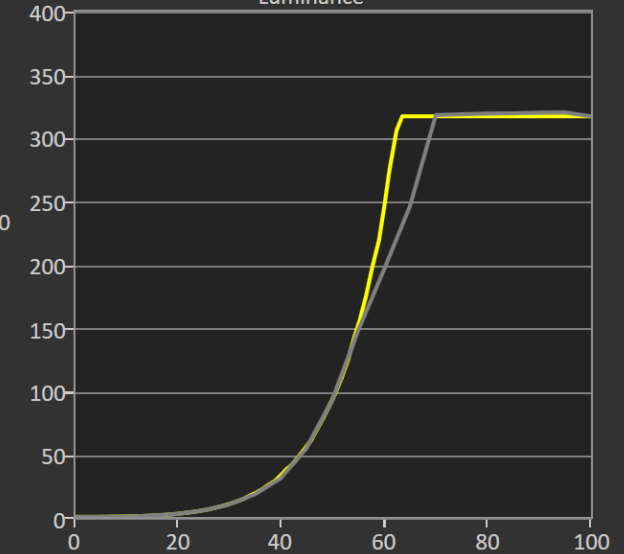
RGB Balance, with Luminance



EOTF



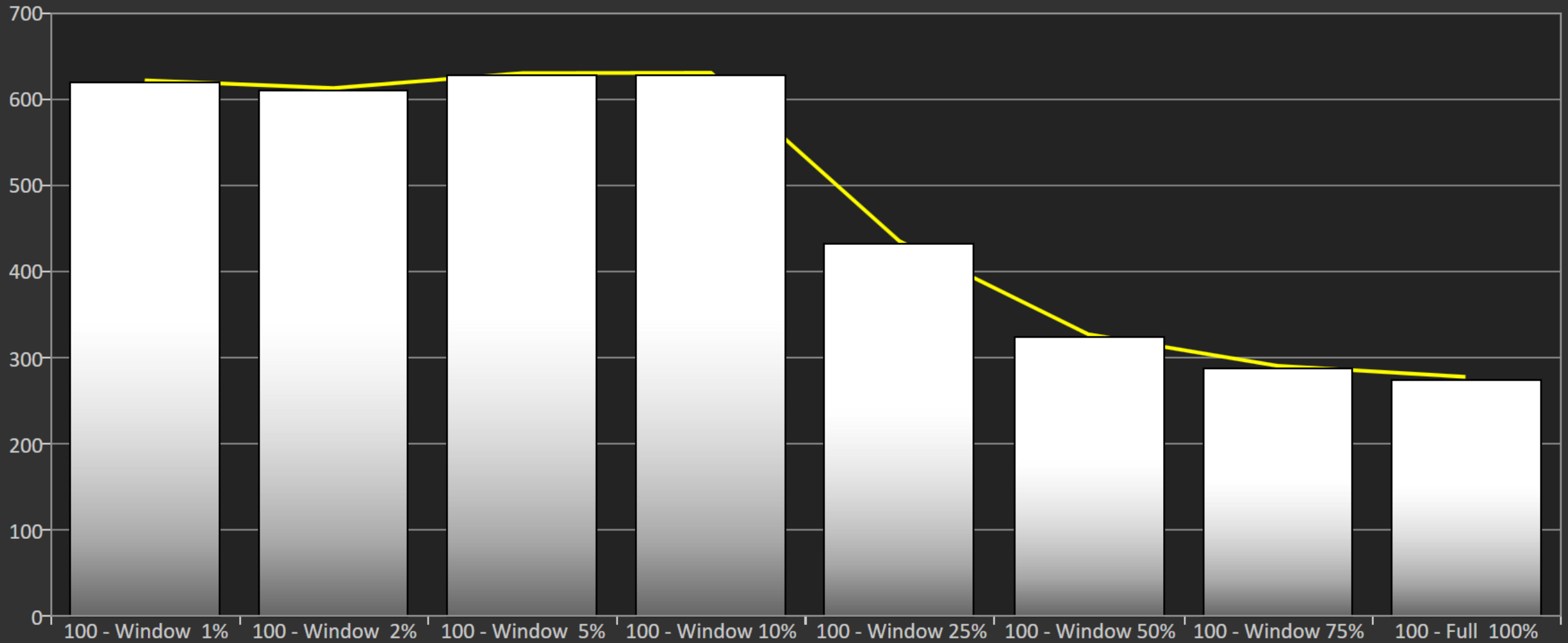
Luminance



Peak vs. Window Size: HDR Peak low

LG 32GS95UX

Portrait Display Calman Ultimate



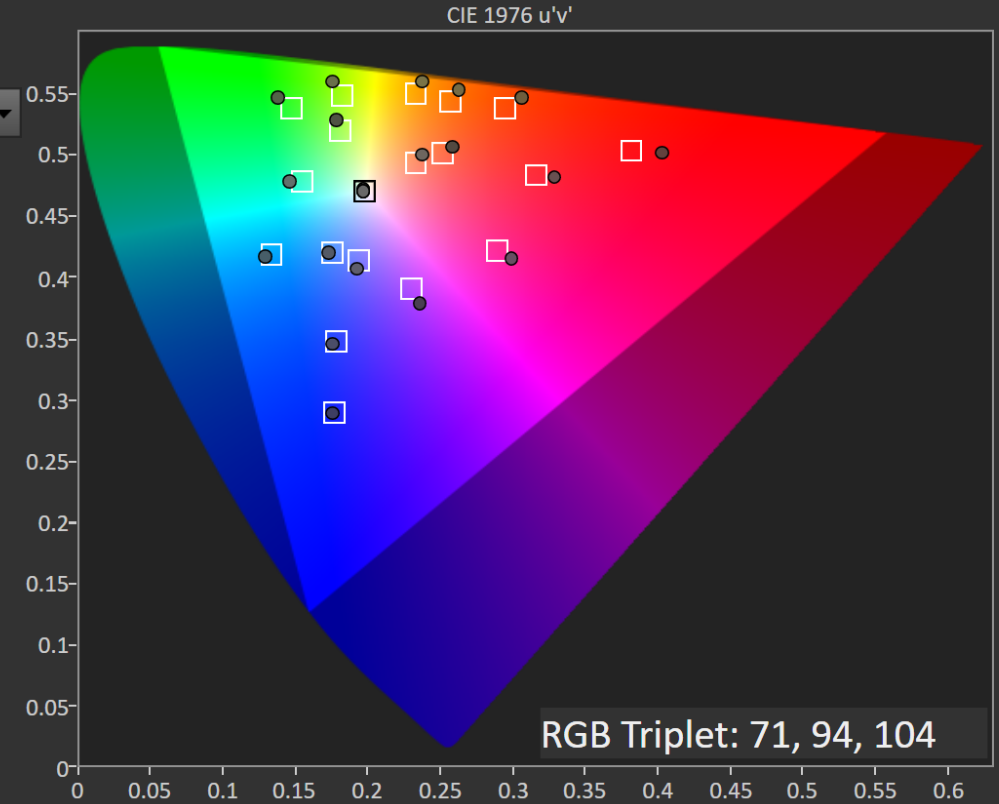
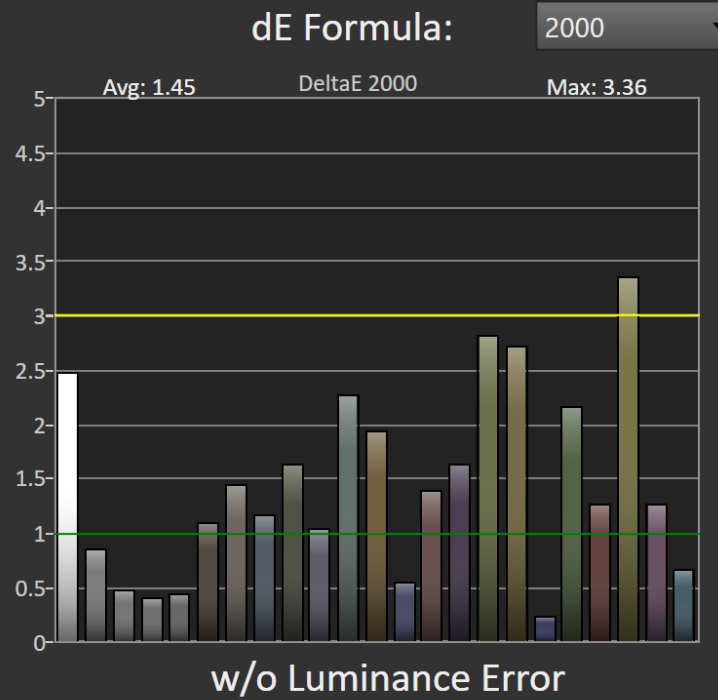
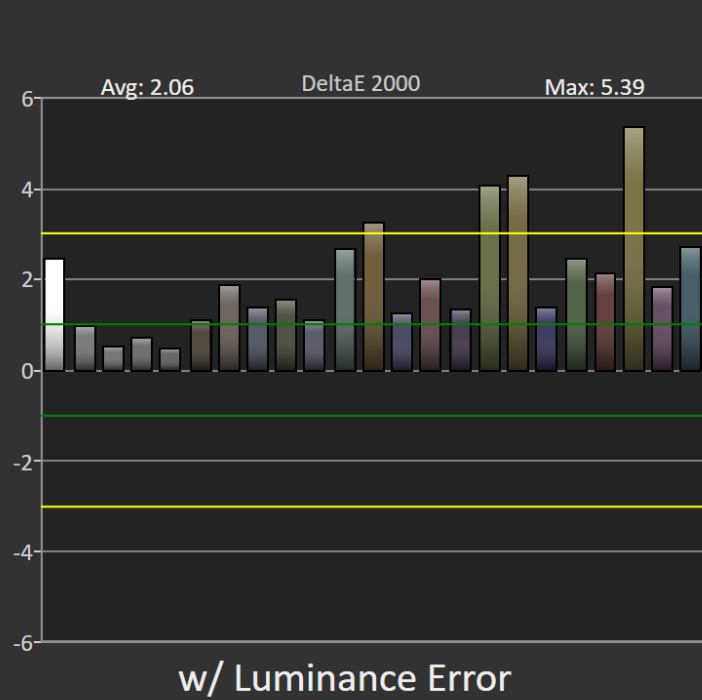
ColorChecker: HDR Peak low

LG 32GS95UX – 10% APL

Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.5 | Max. DeltaE < 4.5



ColorChecker® Analysis



	White	Gray 80	Gray 65	Gray 50	Gray 35	Dark Skin	Light Skin	Blue Sky	Foliage	Blue Flower	Bluish Green	Orange	Purplish Blue	Moderate Red	Purple	Yellow Green	Orange Yellow	Blue	Green	Red
x: CIE31	0.3128	0.3122	0.3116	0.3111	0.3111	0.4250	0.3904	0.2455	0.3462	0.2602	0.2500	0.5372	0.2098	0.4693	0.2876	0.3811	0.4982	0.1877	0.3011	0.5656
y: CIE31	0.3322	0.3307	0.3292	0.3281	0.3288	0.3690	0.3640	0.2635	0.4540	0.2422	0.3628	0.4255	0.1821	0.3035	0.2039	0.5388	0.4645	0.1363	0.5298	0.3120
Y	635.3057	82.5781	67.0746	51.7583	36.1486	8.2783	30.8398	17.1081	11.1150	21.2694	35.8877	20.2263	9.6796	14.5541	5.5739	31.6067	30.7805	4.9526	18.2684	8.5181
Target x:CIE31	0.3127	0.3127	0.3127	0.3127	0.3127	0.4095	0.3796	0.2494	0.3405	0.2662	0.2621	0.5106	0.2136	0.4597	0.2901	0.3764	0.4745	0.1885	0.3085	0.5466
Target y:CIE31	0.3290	0.3290	0.3290	0.3290	0.3290	0.3620	0.3560	0.2628	0.4317	0.2503	0.3581	0.4129	0.1837	0.3114	0.2171	0.5012	0.4449	0.1355	0.4962	0.3189
Target Y	635.3057	80.3390	65.7795	49.4422	35.3489	9.6506	35.3720	18.8340	13.1360	23.3018	43.1697	28.7456	11.5196	18.5140	6.4950	44.1559	44.1961	6.0883	23.5867	11.4907
dE ICTcp_240	0.5029	0.7084	0.5106	1.0874	0.5753	3.3603	3.4219	2.1753	3.8816	2.1629	4.7841	8.8569	3.4249	5.3429	2.9759	8.8188	9.7831	3.7197	6.1198	6.2743

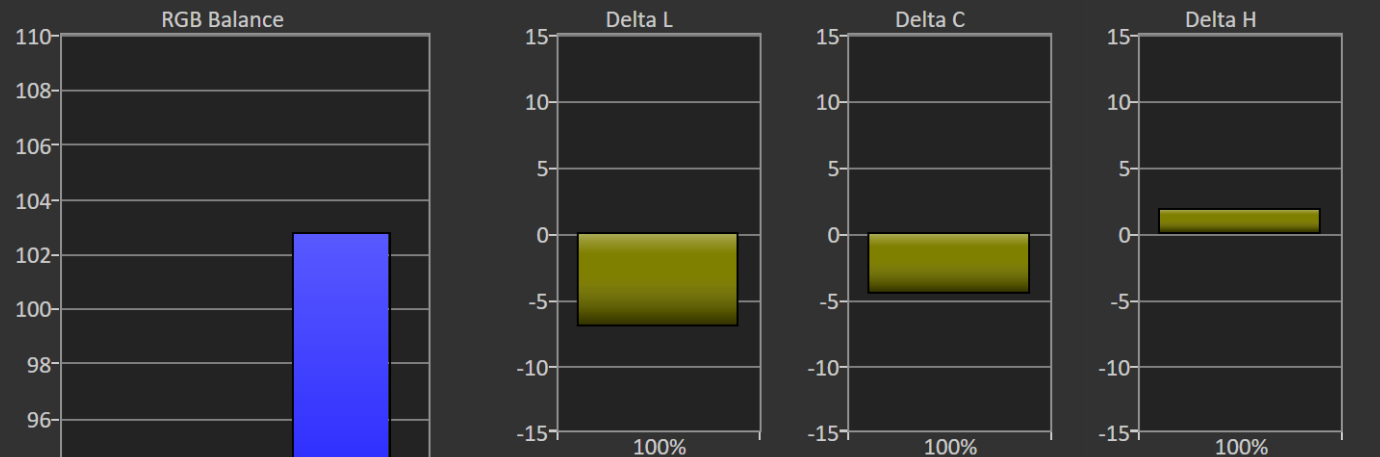
Saturation: HDR Peak low

LG 32GS95UX – 10% APL

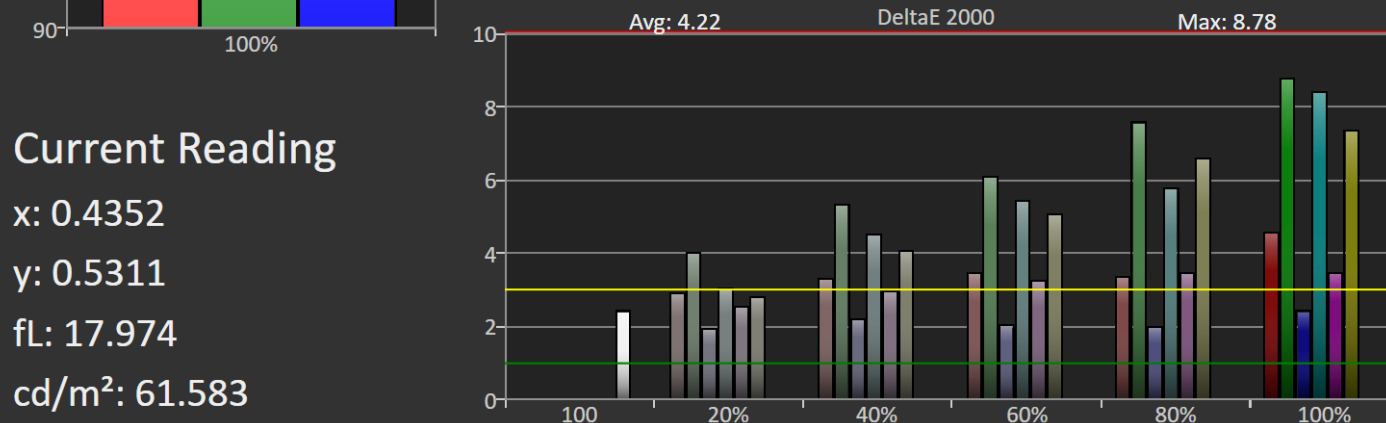
Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0 | Max. DeltaE < 4.5



BT.2020 Saturation Sweeps

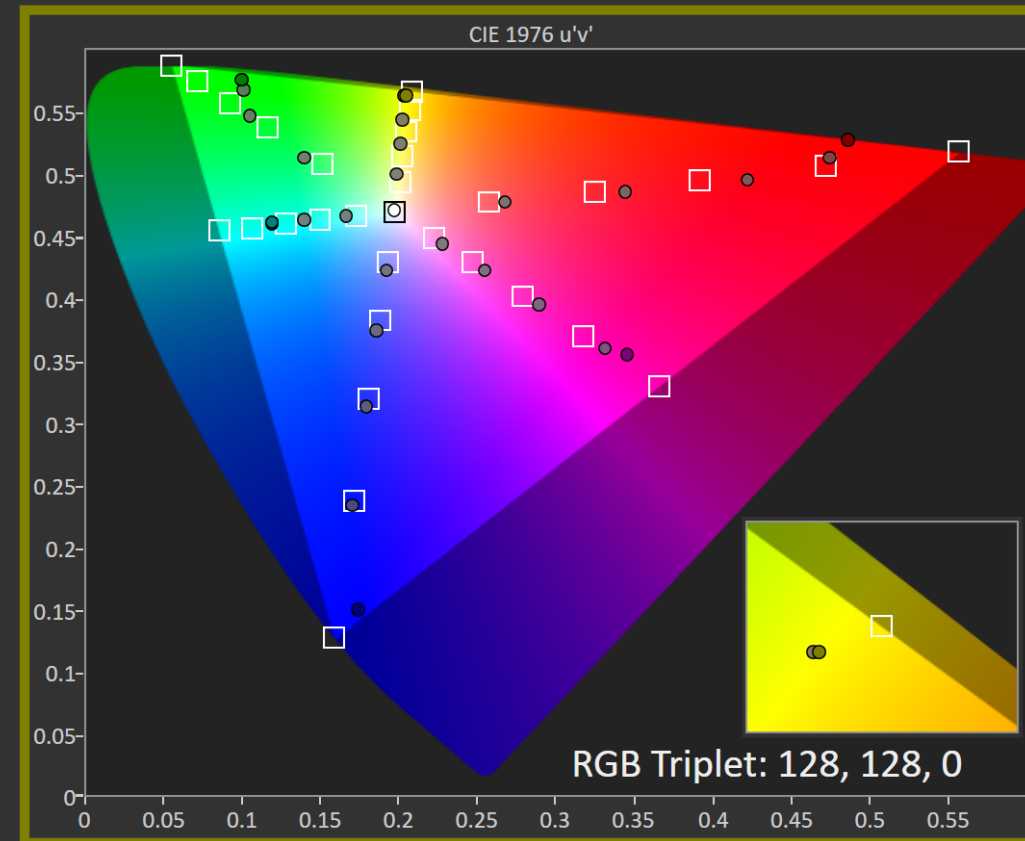


dE Formula: 2000



Current Reading

x: 0.4352
y: 0.5311
fL: 17.974
cd/m²: 61.583



	20%	40%	60%	80%	100%
x: CIE31	0.3439	0.3739	0.4021	0.4340	0.4352
y: CIE31	0.3835	0.4330	0.4795	0.5314	0.5311
Y	85.0401	74.7574	68.5555	62.0743	61.5828
Target x:CIE31	0.3393	0.3662	0.3930	0.4196	0.4465
Target y:CIE31	0.3704	0.4123	0.4540	0.4955	0.5374
Target Y	92.3968	91.0846	90.0442	89.2031	88.4963

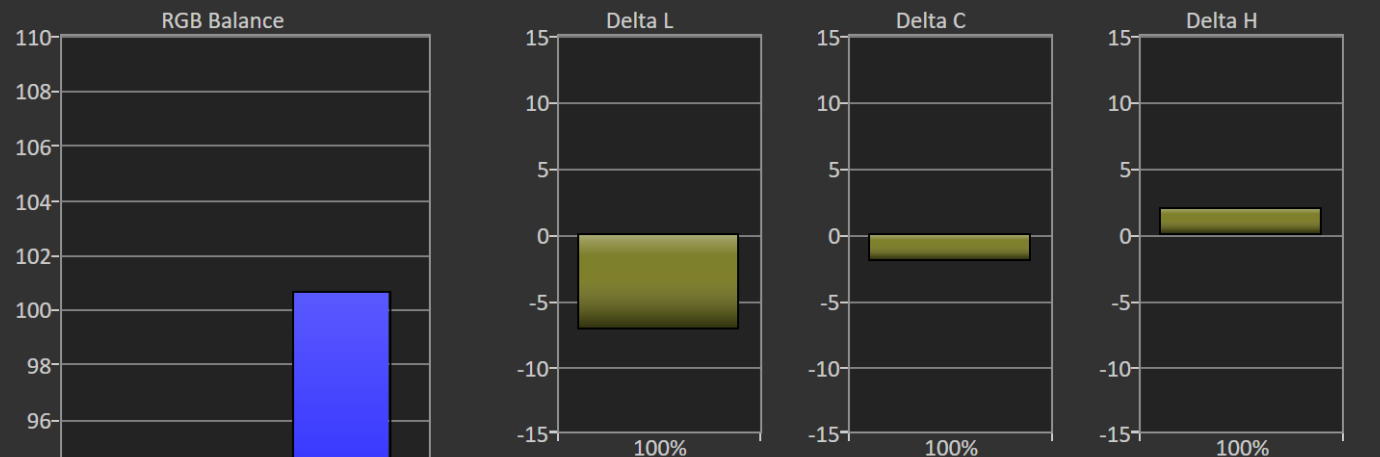
Saturation: HDR Peak low

LG 32GS95UX – 10% APL

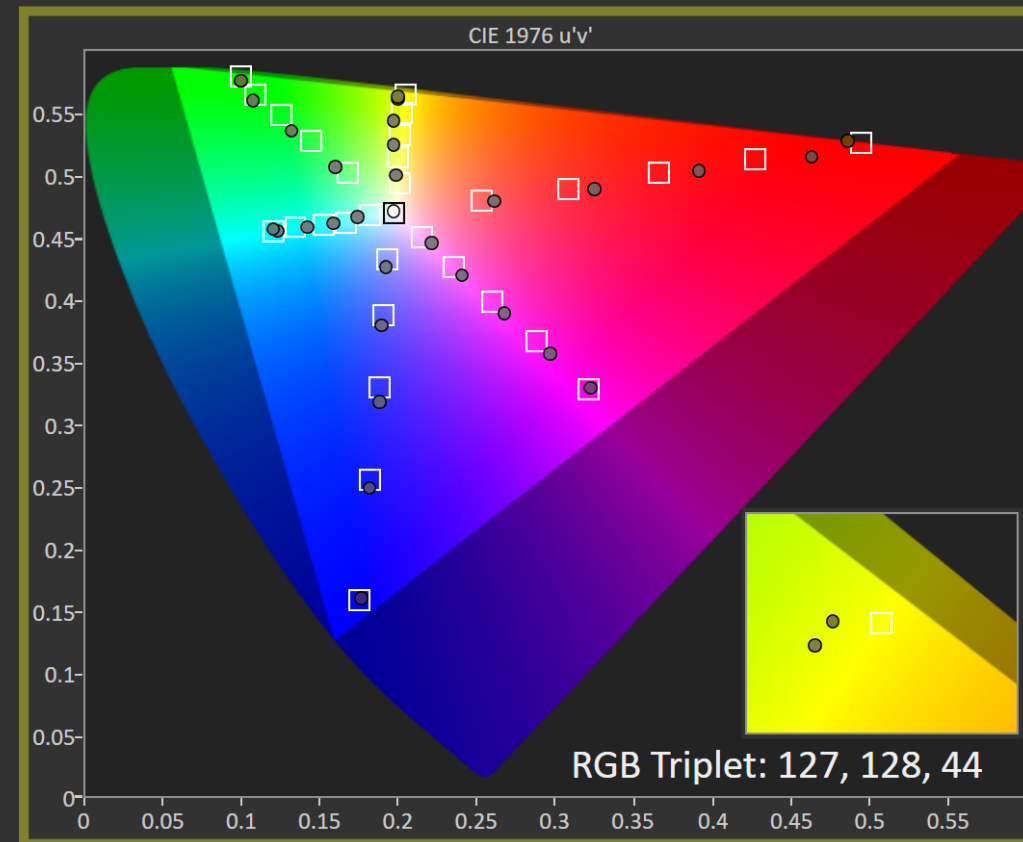
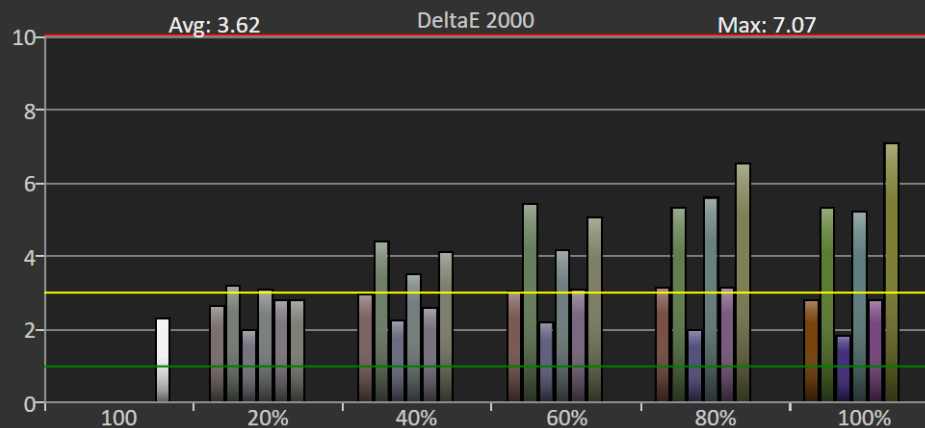
Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0 | Max. DeltaE < 4.5



P3 Saturation Sweeps inside BT.2020



dE Formula: 2000



Current Reading

x: 0.4286

y: 0.5367

fL: 17.593

cd/m²: 60.279

	20%	40%	60%	80%	100%
x: CIE31	0.3440	0.3684	0.3932	0.4252	0.4286
y: CIE31	0.3833	0.4354	0.4805	0.5310	0.5367
Y	84.5467	73.6639	67.7808	61.3412	60.2794
Target x:CIE31	0.3393	0.3611	0.3858	0.4118	0.4375
Target y:CIE31	0.3704	0.4141	0.4536	0.4953	0.5364
Target Y	92.3968	90.1324	89.1615	88.3224	87.6345

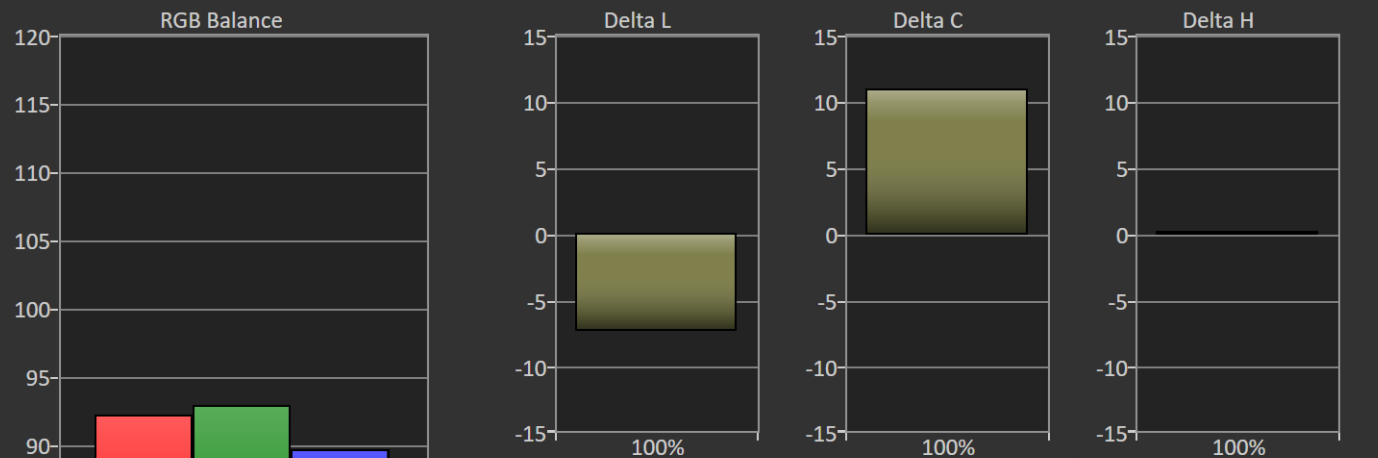
Saturation: HDR Peak low

LG 32GS95UX – 10% APL

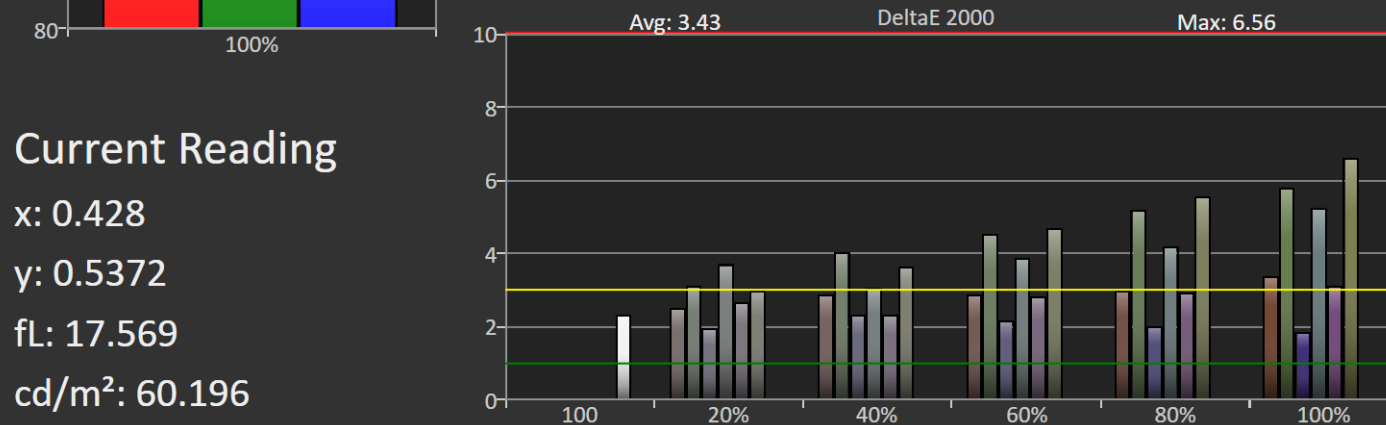
Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0 | Max. DeltaE < 4.5



BT.709 Saturation Sweeps inside BT.2020

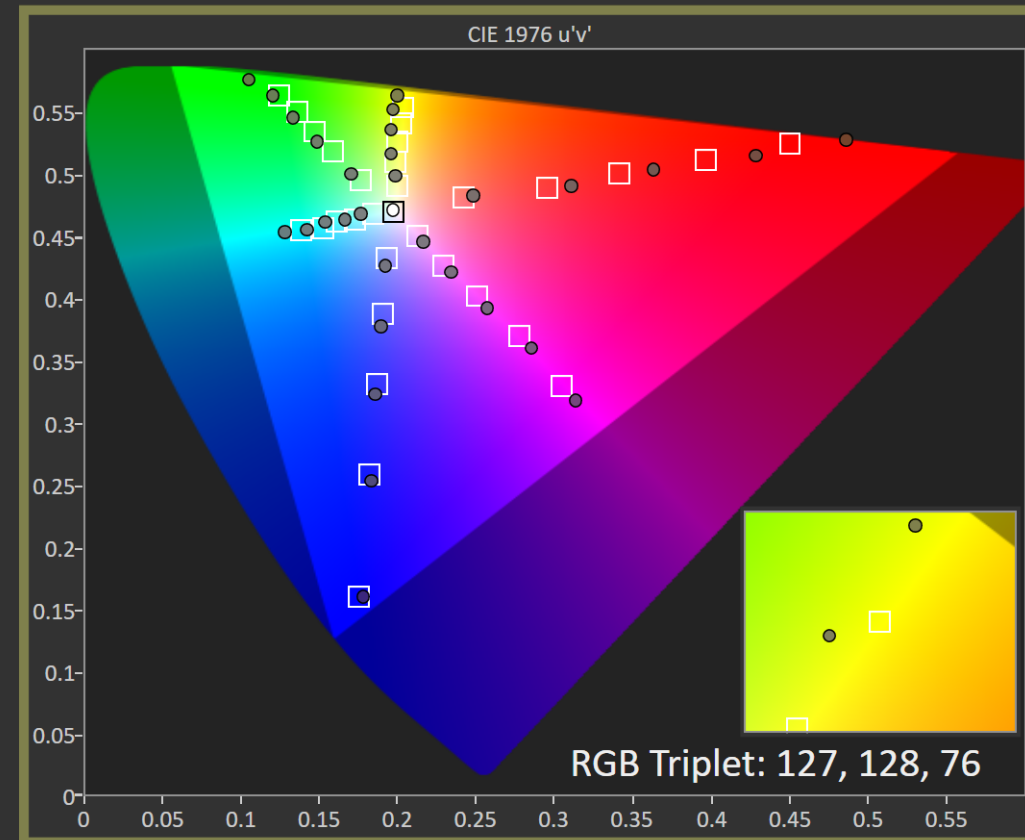


dE Formula: 2000



Current Reading

x: 0.428
y: 0.5372
fL: 17.569
cd/m²: 60.196



	20%	40%	60%	80%	100%
x: CIE31	0.3412	0.3578	0.3809	0.4056	0.4280
y: CIE31	0.3793	0.4186	0.4610	0.5018	0.5372
Y	84.9326	76.1747	70.1151	65.3229	60.1956
Target x:CIE31	0.3364	0.3534	0.3752	0.3969	0.4187
Target y:CIE31	0.3659	0.4019	0.4367	0.4714	0.5064
Target Y	92.5569	90.4758	89.5525	88.7828	88.1246