

Gray Scale: HDR Peak high

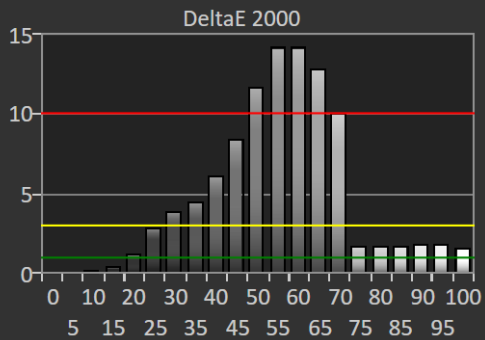
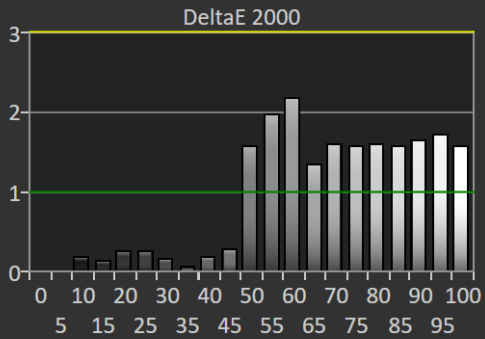
LG 32GS95UX – 2% APL

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



Grayscale Tracking

dE Formula: 2000



Current Reading:

x: 0.3122

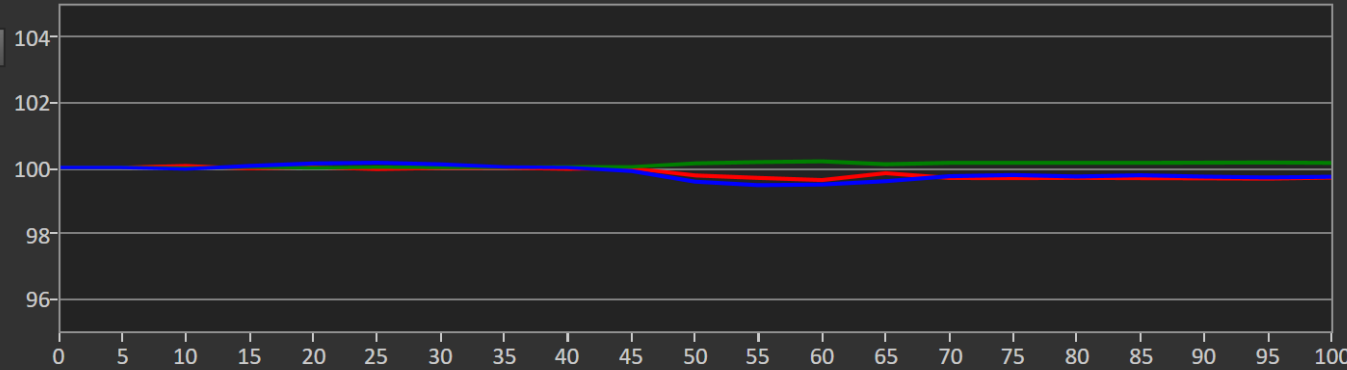
y: 0.3305

fL: 275.904

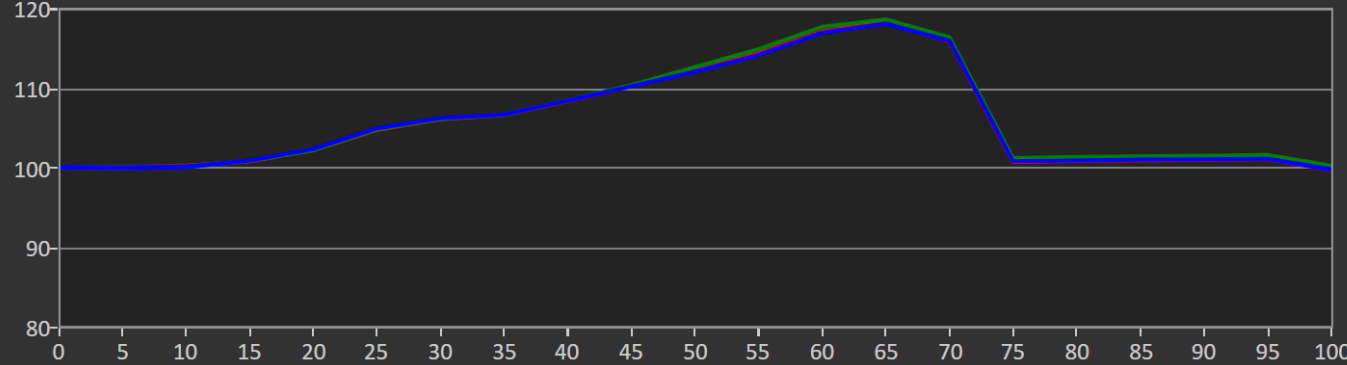
cd/m²: 945.318

	0	5	10	15	20	25	30	35	40	45	50
Y	0.002	0.001	0.439	1.753	4.624	10.256	18.577	32.333	59.040	103.233	175.4
x: CIE31	0.392	0.413	0.339	0.307	0.311	0.310	0.312	0.312	0.312	0.313	0.313
y: CIE31	0.374	0.393	0.336	0.326	0.325	0.327	0.328	0.329	0.329	0.330	0.332
Target Y	0.000	0.063	0.342	0.982	2.429	5.226	9.791	18.223	32.448	55.925	94.07
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

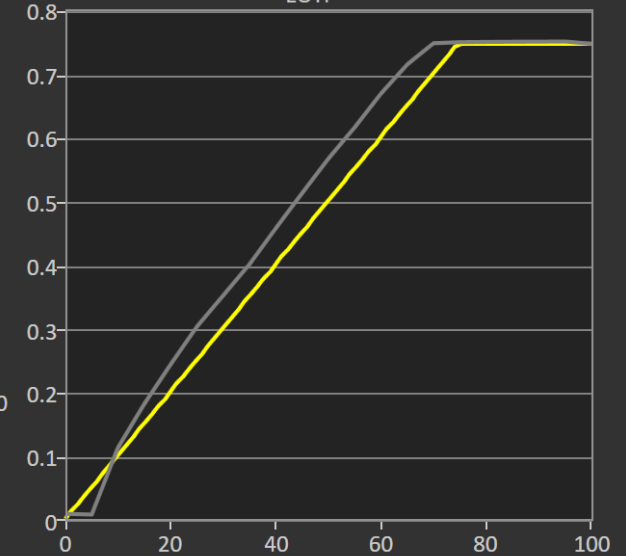
RGB Balance, without Luminance



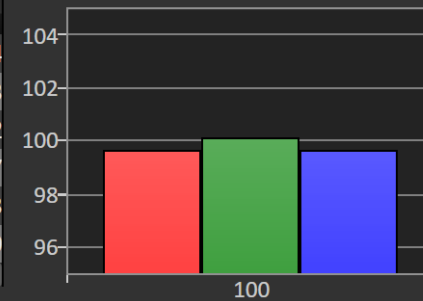
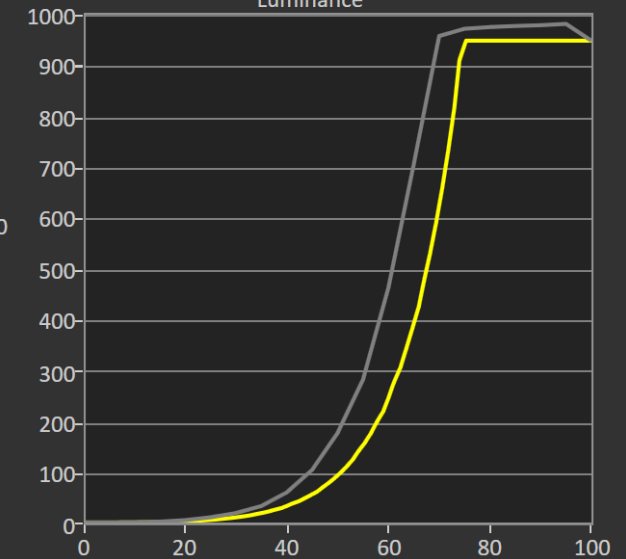
RGB Balance, with Luminance



EOTF



Luminance



Gray Scale: HDR Peak high

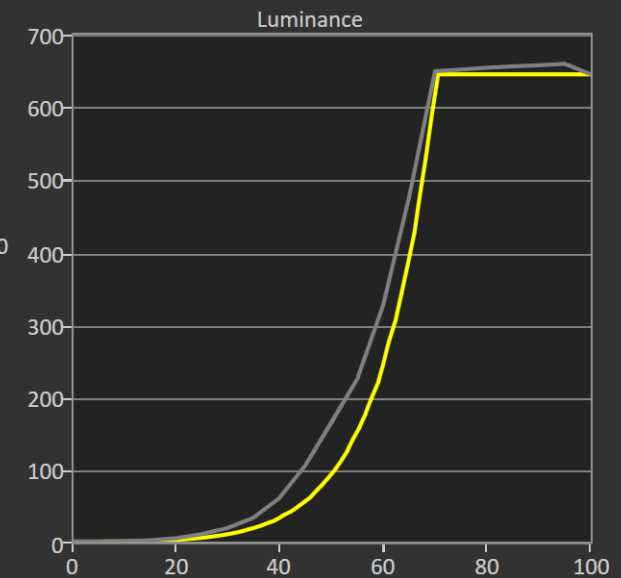
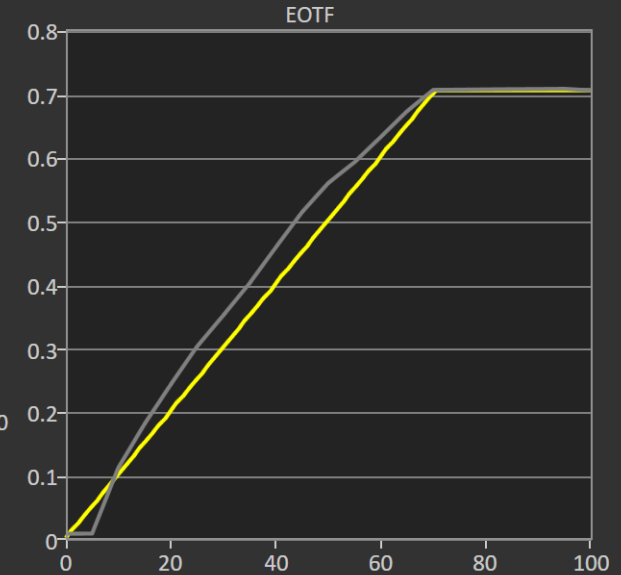
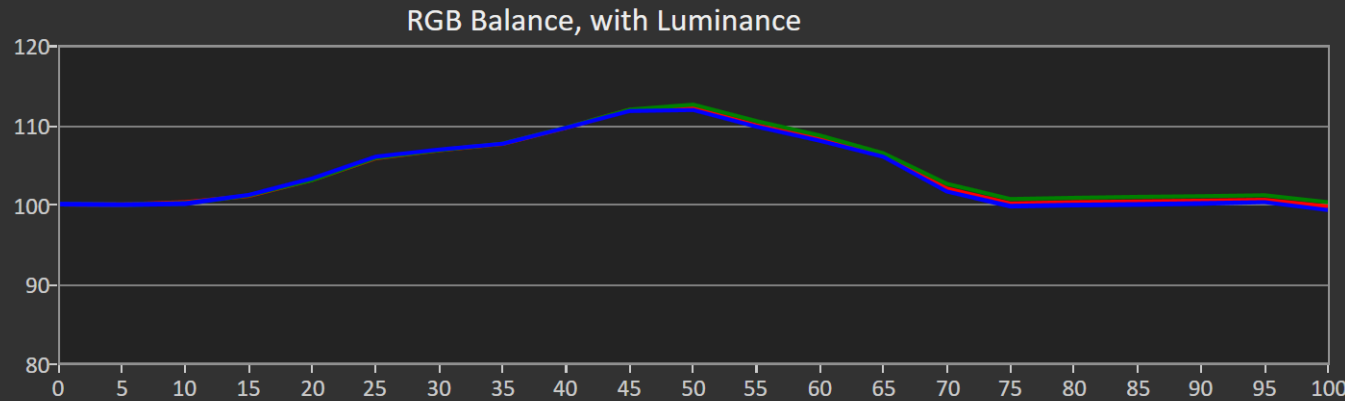
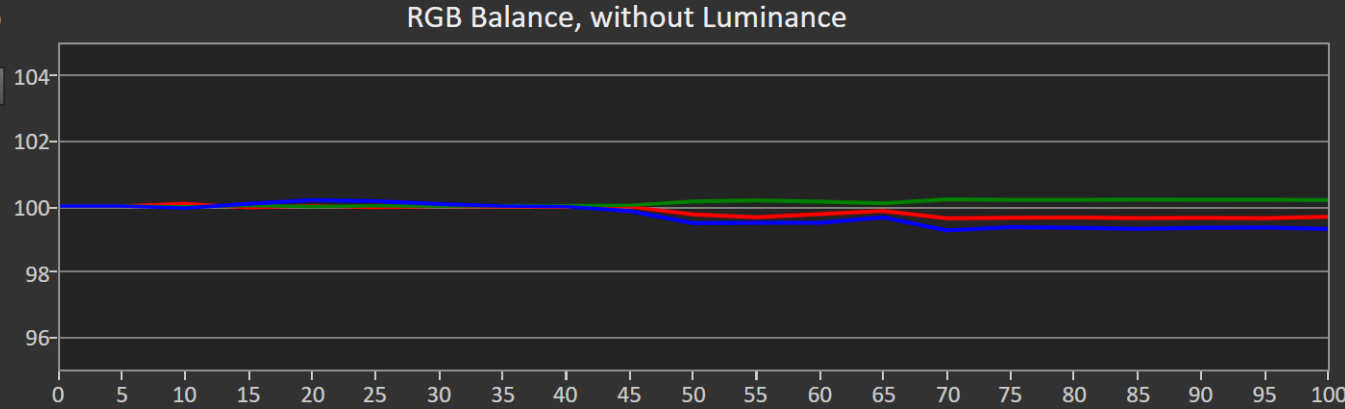
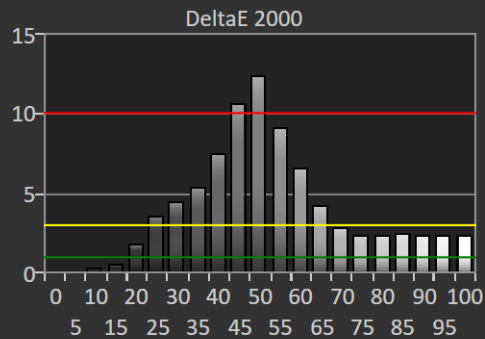
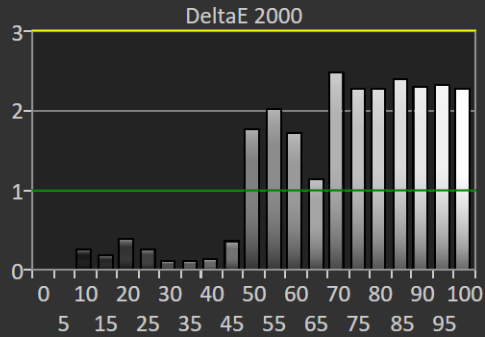
LG 32GS95UX – 10% APL

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



Grayscale Tracking

dE Formula: 2000



Current Reading:

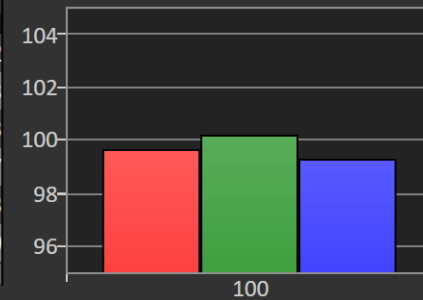
x: 0.3129

y: 0.332

fL: 187.614

cd/m²: 642.816

	0	5	10	15	20	25	30	35	40	45	50
Y	0.001	0.001	0.422	1.714	4.557	10.156	18.424	32.577	59.443	104.146	163.2
x: CIE31	0.331	0.332	0.339	0.307	0.311	0.311	0.312	0.312	0.313	0.313	0.313
y: CIE31	0.319	0.360	0.335	0.326	0.325	0.327	0.328	0.329	0.329	0.330	0.333
Target Y	0.000	0.063	0.342	0.982	2.429	5.226	9.791	18.223	32.448	55.925	94.07
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



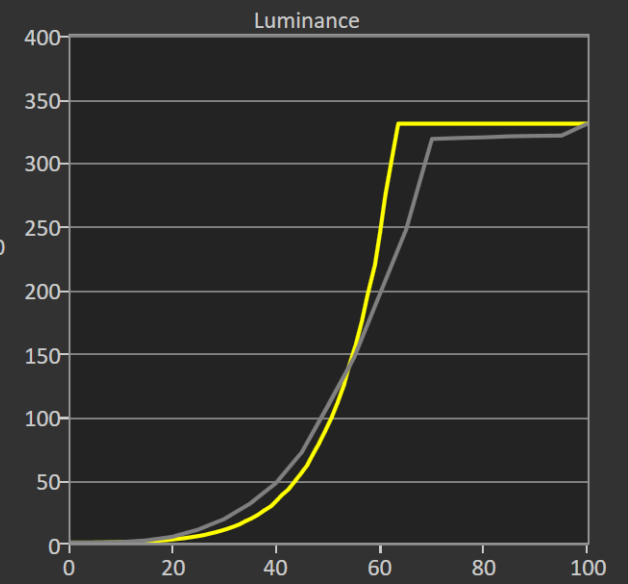
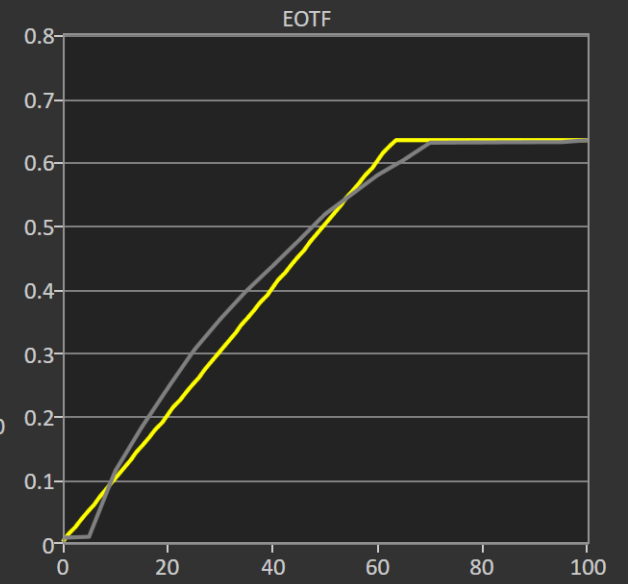
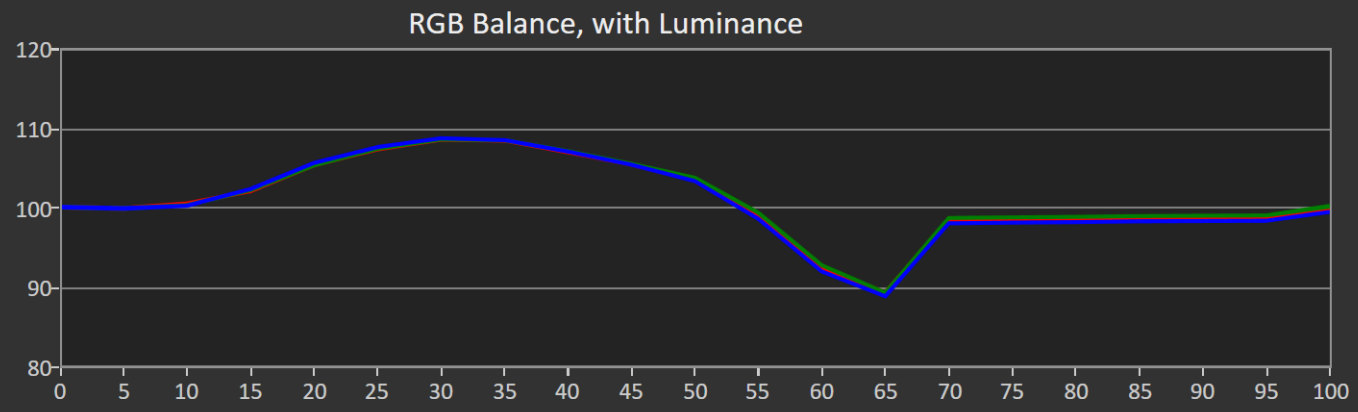
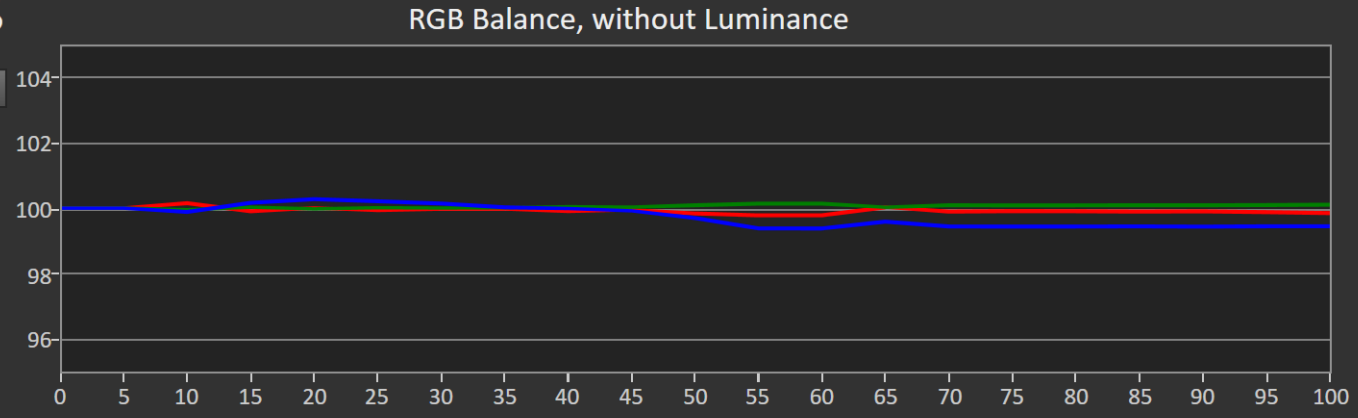
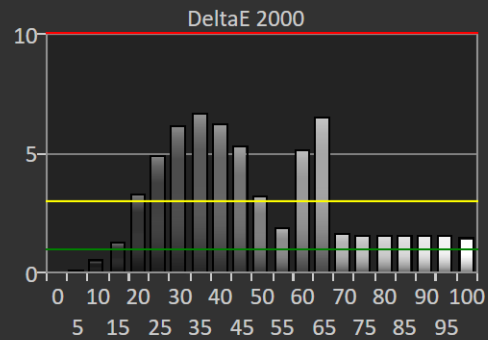
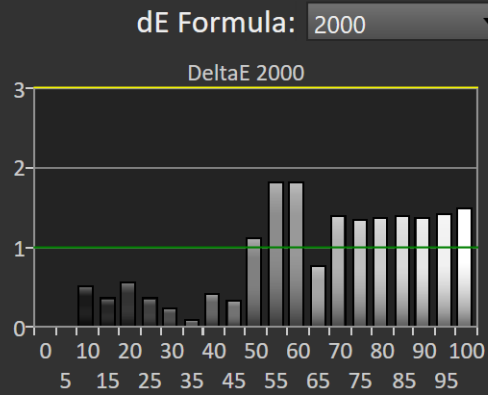
Gray Scale: HDR Peak high

LG 32GS95UX – 50% APL

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



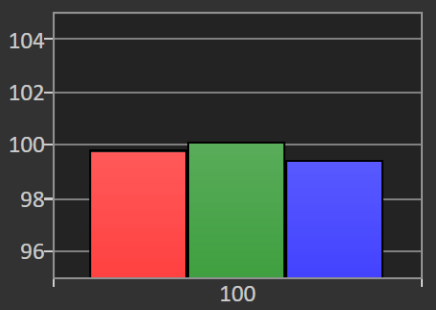
Grayscale Tracking



Current Reading:

x: 0.3132
y: 0.3312
fL: 96.121
cd/m²: 329.336

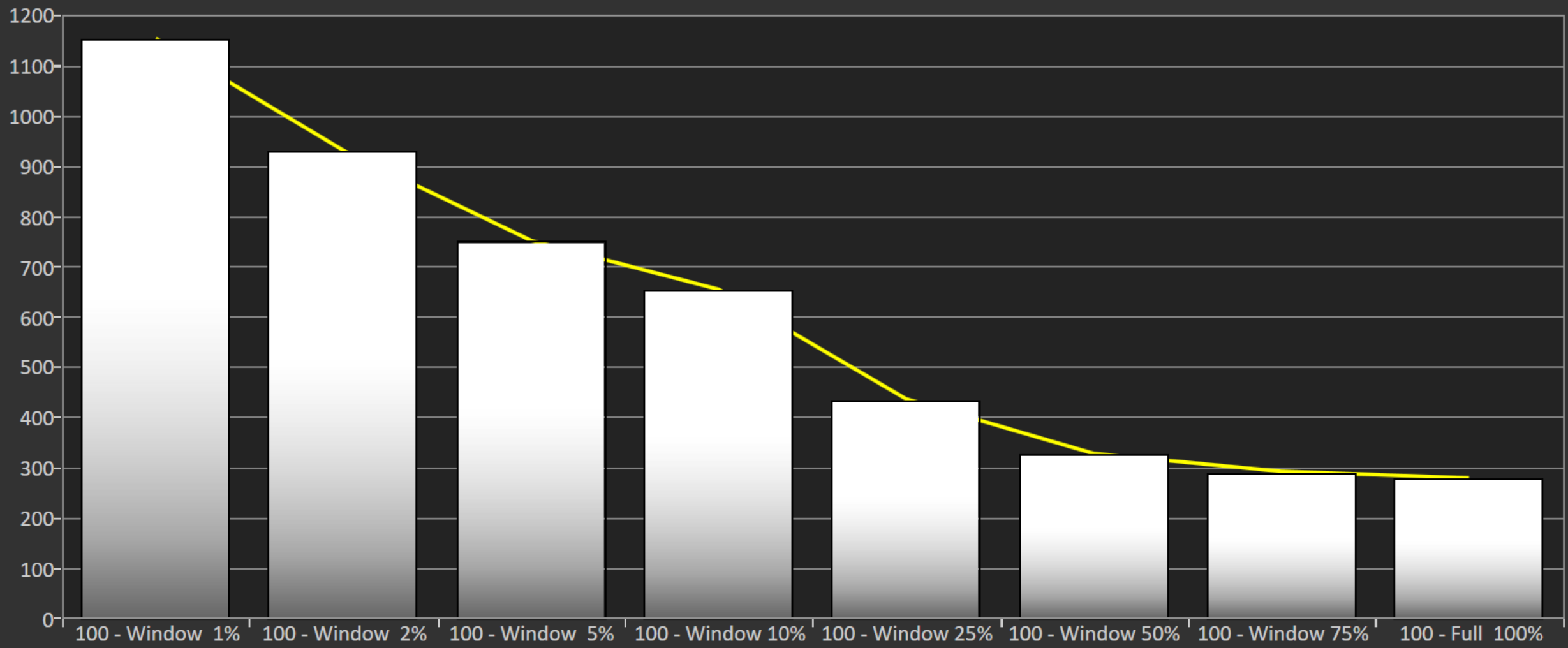
	0	5	10	15	20	25	30	35	40	45	50
Y	0.001	0.002	0.435	1.733	4.584	10.211	18.487	30.638	46.802	71.151	107.7
x: CIE31	0.346	0.390	0.339	0.307	0.311	0.311	0.312	0.312	0.312	0.313	0.313
y: CIE31	0.346	0.404	0.335	0.326	0.325	0.327	0.328	0.329	0.329	0.330	0.331
Target Y	0.000	0.063	0.342	0.982	2.429	5.226	9.791	18.223	32.448	55.925	94.07
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



Peak vs. Window Size: HDR Peak high

LG 32GS95UX

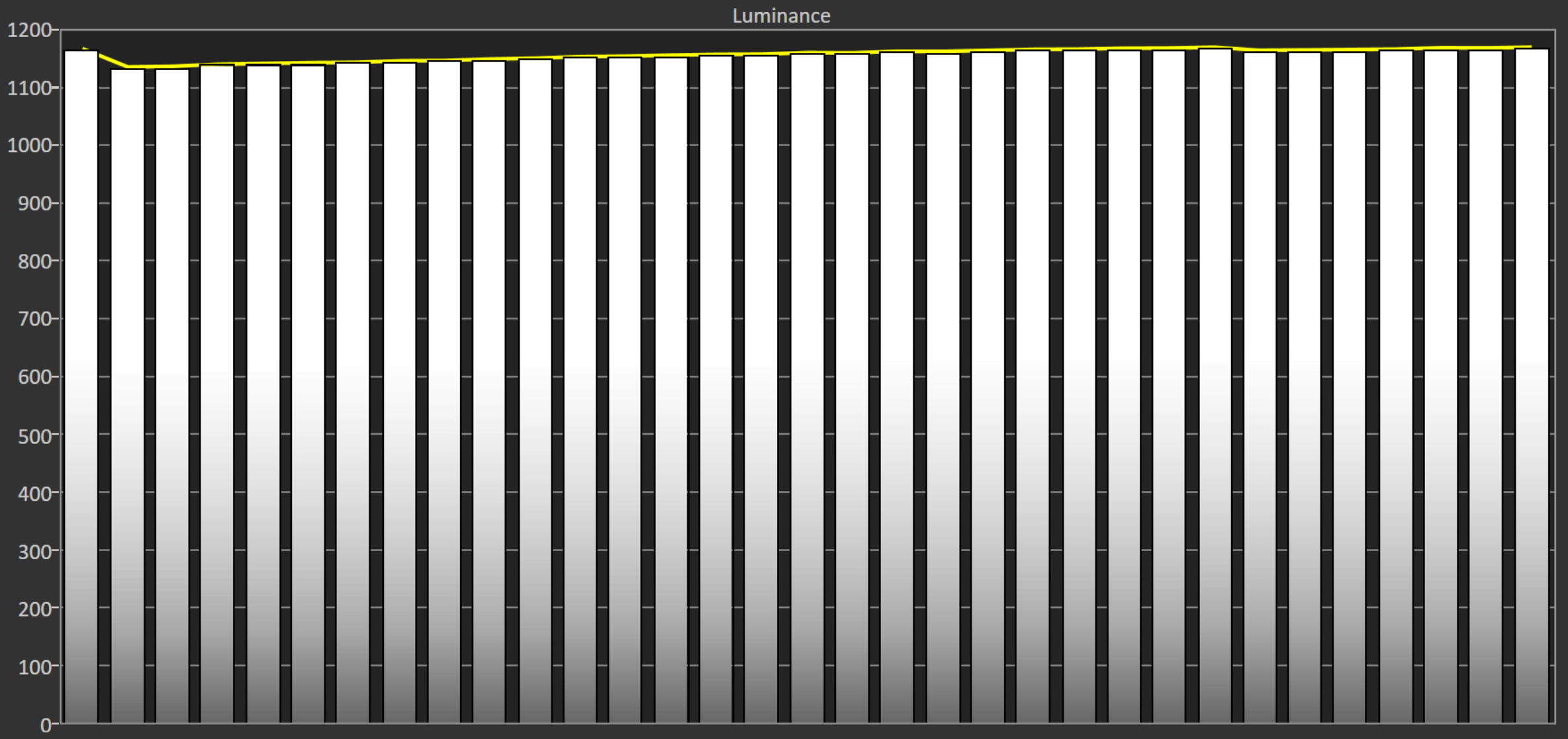
Portrait Display Calman Ultimate



Peak Luminance: HDR Peak high

LG 32GS95UX – 1 % APL = 1170 Nits

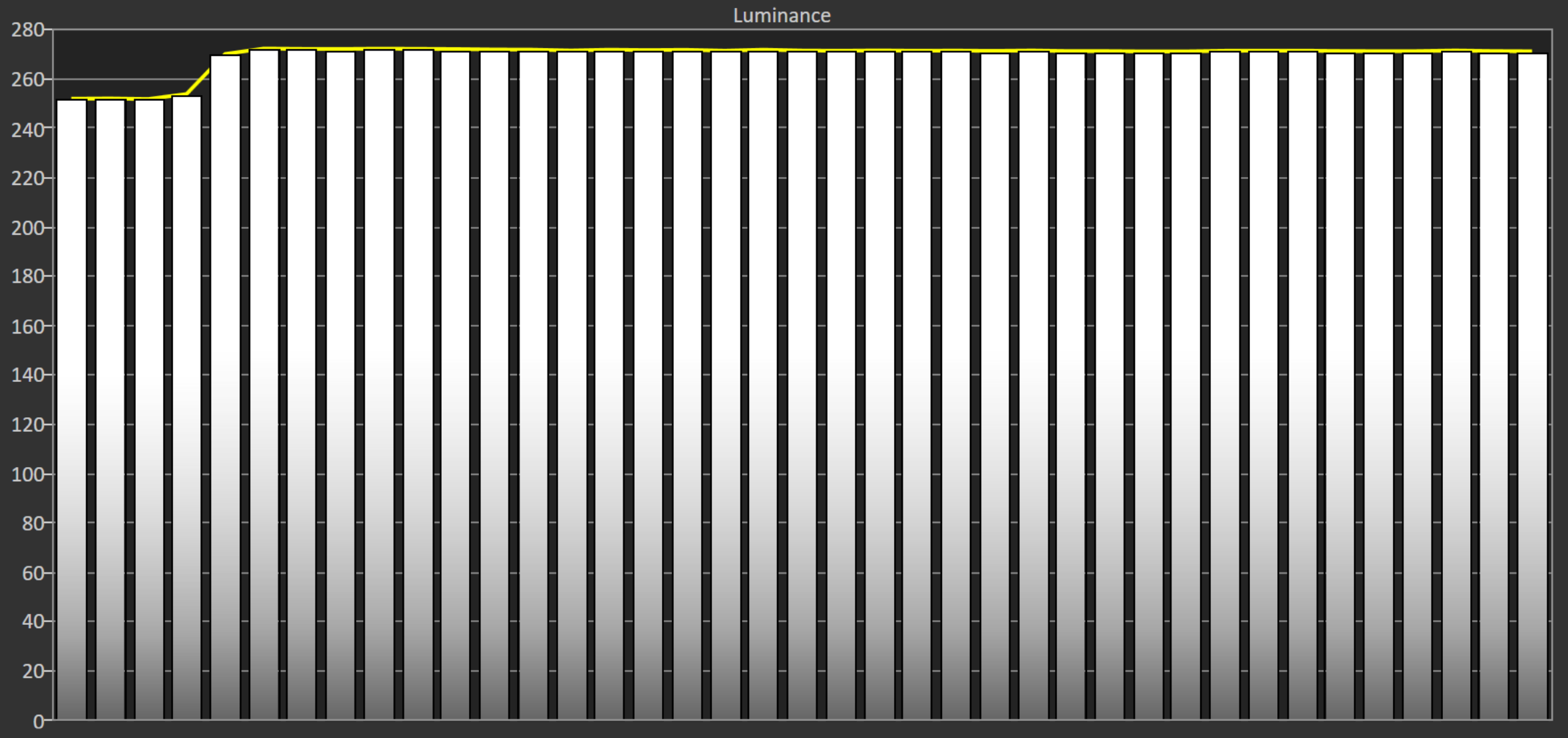
Portrait Display Calman Ultimate



Peak Luminance: HDR Peak high

LG 32GS95UX – 100 % APL = 270 Nits

Portrait Display Calman Ultimate



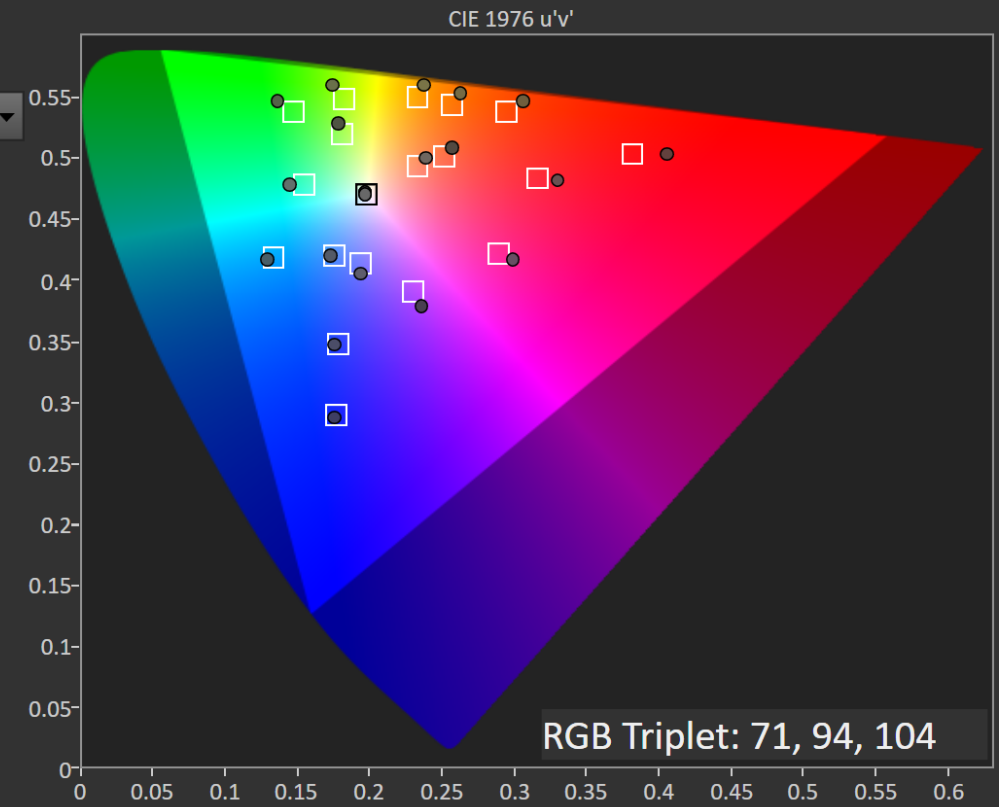
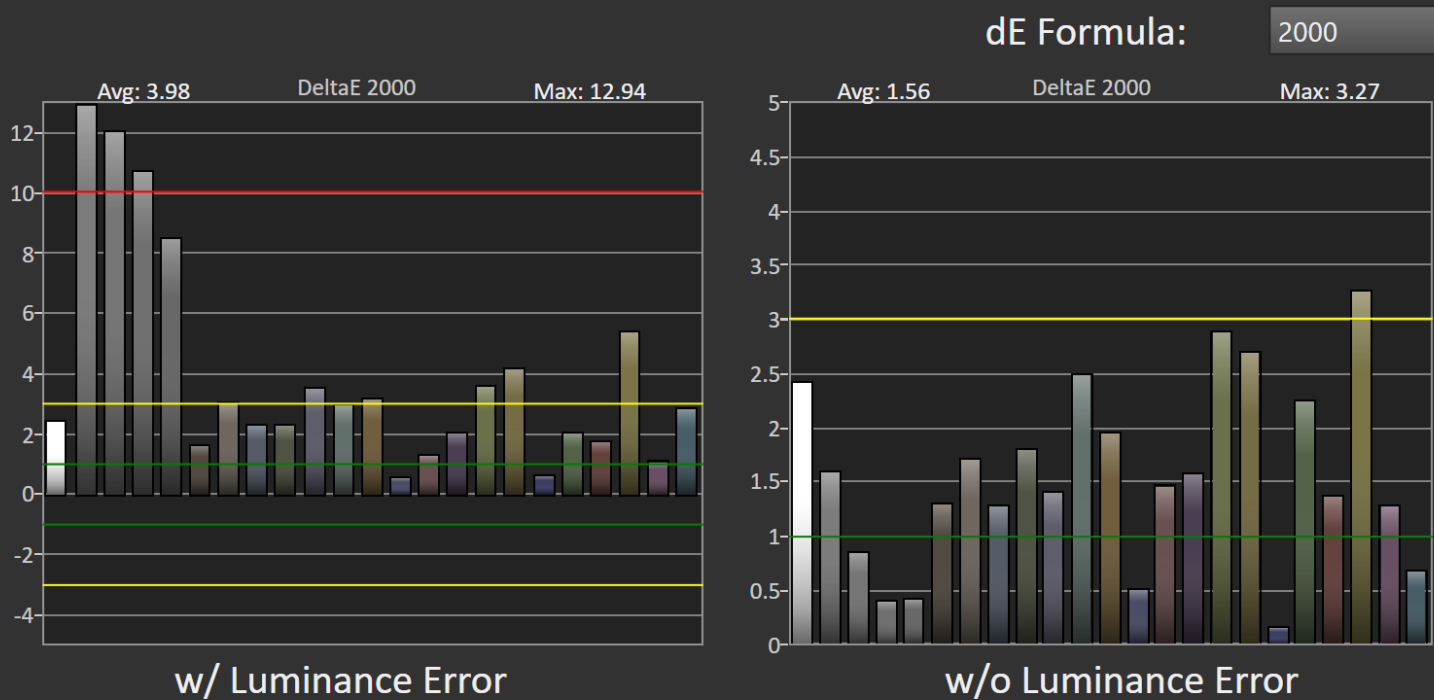
ColorChecker: HDR Peak high

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	0.3129	0.3133	0.3133	0.3127	0.3123	0.4248	0.3931	0.2448	0.3471	0.2596	0.2496	0.5379	0.2109	0.4710	0.2878	0.3812	0.4987	0.1871	0.3007	0.5684
y: CIE31	0.3322	0.3327	0.3312	0.3299	0.3298	0.3704	0.3640	0.2628	0.4541	0.2400	0.3639	0.4256	0.1834	0.3038	0.2049	0.5396	0.4647	0.1348	0.5305	0.3121
Y	653.4047	147.6666	124.8216	96.8673	67.4872	10.5813	42.4693	23.1906	14.7770	30.8315	46.7414	20.3181	11.8618	17.1703	7.2864	33.4045	30.8867	5.4533	21.5206	8.9479
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	653.4047	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	0.4916	14.7183	15.3042	15.7538	14.7094	2.8726	4.7245	4.5109	3.4365	6.3533	3.2538	8.8722	0.9949	3.5257	3.0145	8.0035	9.7958	1.9631	3.9540	5.9084

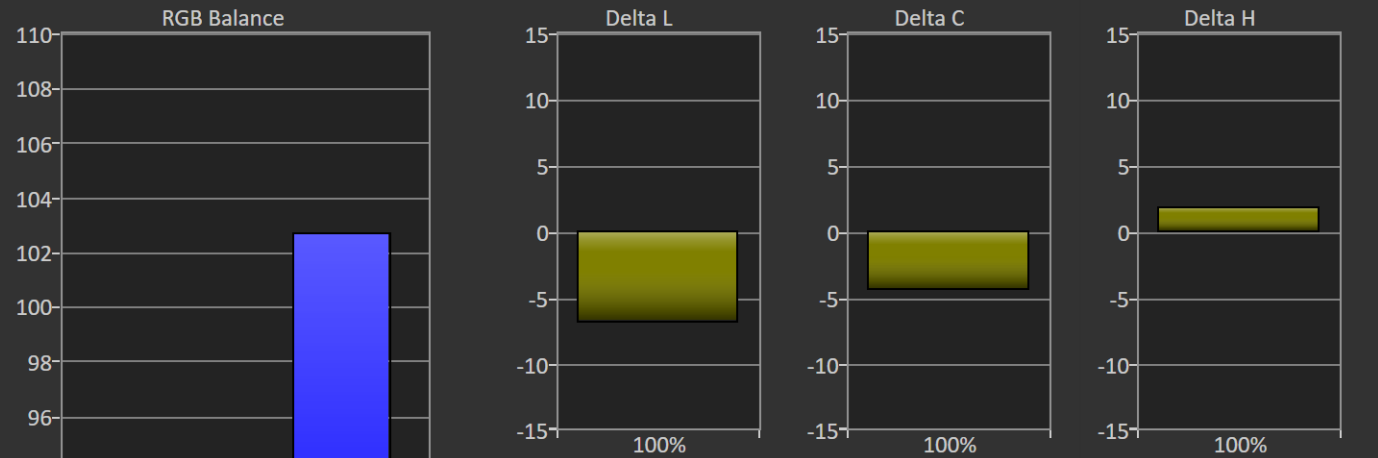
Saturation: HDR Peak high

LG 32GS95UX – 10% APL

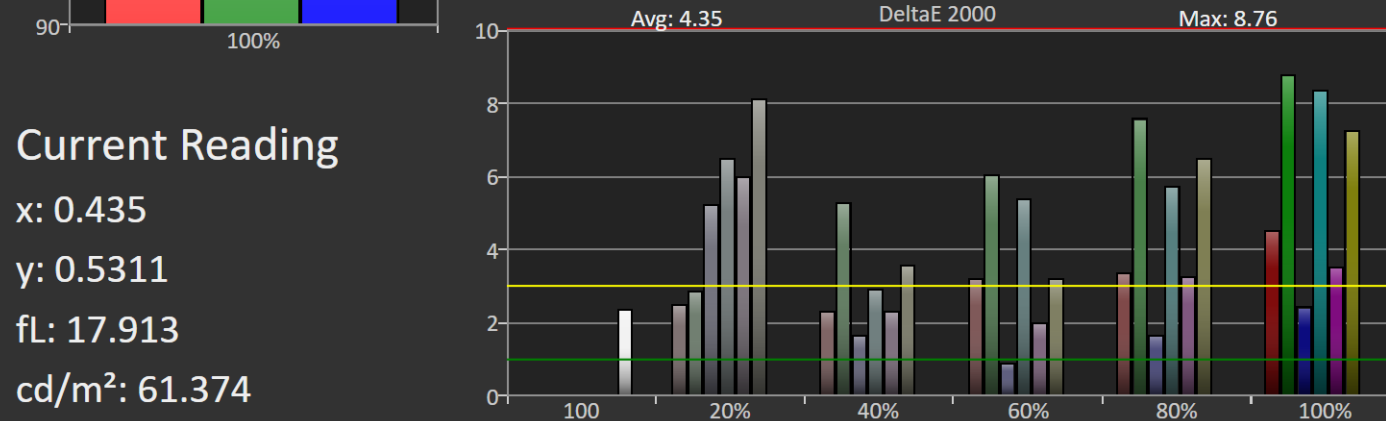
Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0 | Max. DeltaE < 4.5



BT.2020 Saturation Sweeps

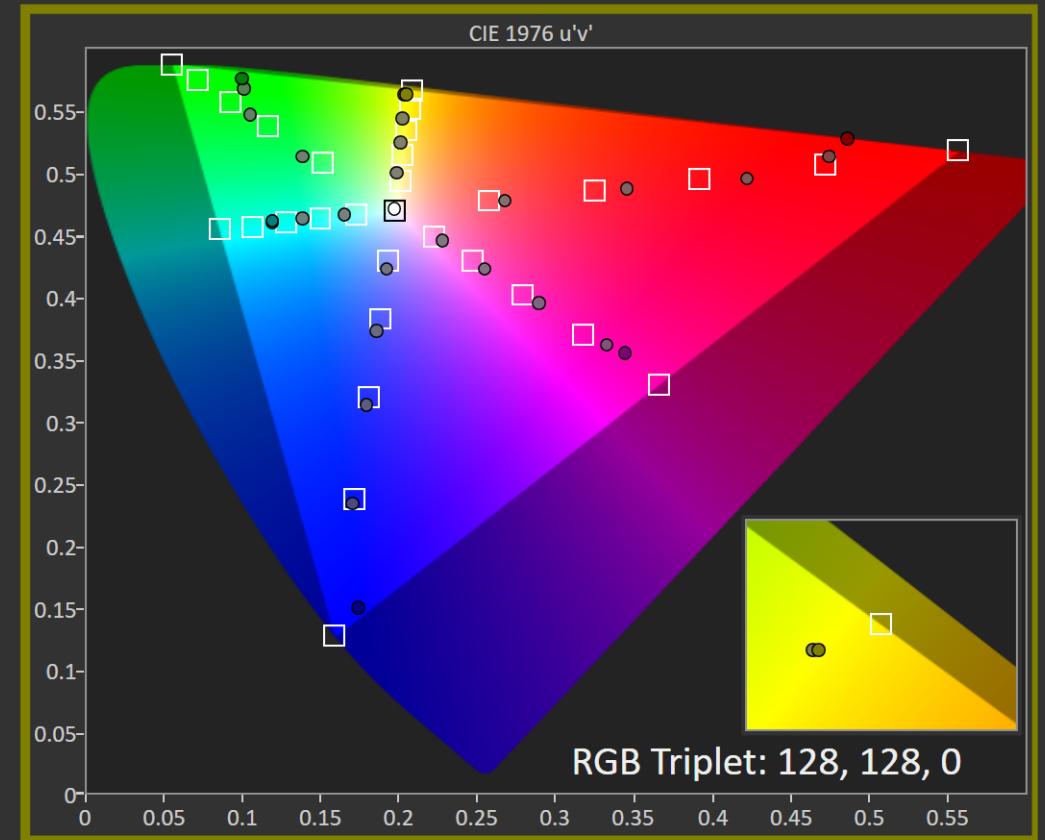


dE Formula: 2000



Current Reading

x: 0.435
y: 0.5311
fL: 17.913
cd/m²: 61.374



	20%	40%	60%	80%	100%
x: CIE31	0.3439	0.3734	0.4024	0.4340	0.4350
y: CIE31	0.3842	0.4317	0.4795	0.5314	0.5311
Y	129.8944	100.9518	78.8083	61.8943	61.374
Target x:CIE31	0.3393	0.3662	0.3930	0.4196	0.4460
Target y:CIE31	0.3704	0.4123	0.4540	0.4955	0.5370
Target Y	92.3968	91.0846	90.0442	89.2031	88.4900

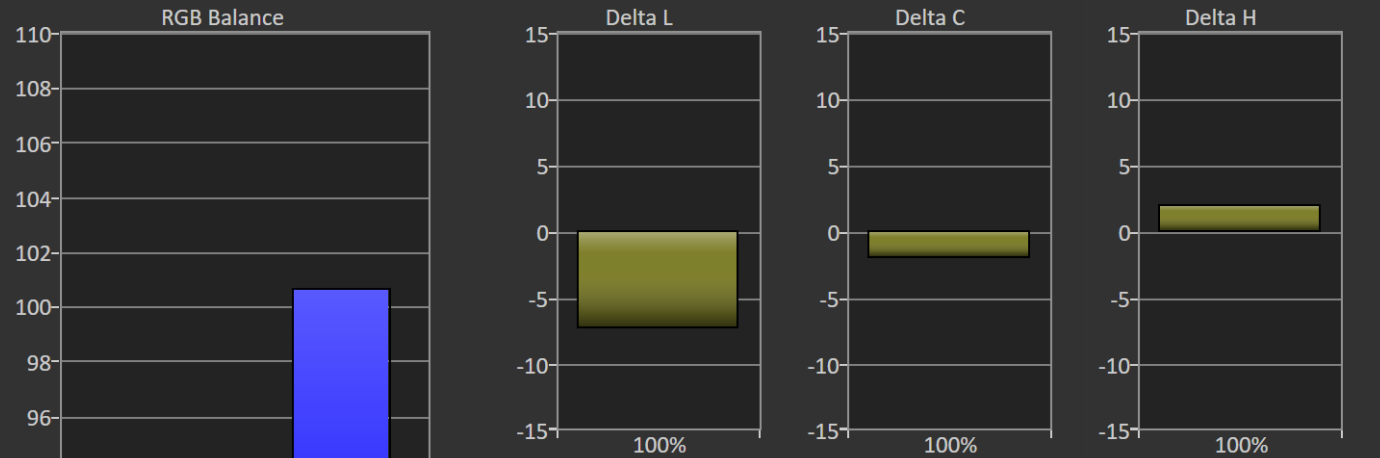
Saturation: HDR Peak high

LG 32GS95UX – 10% APL

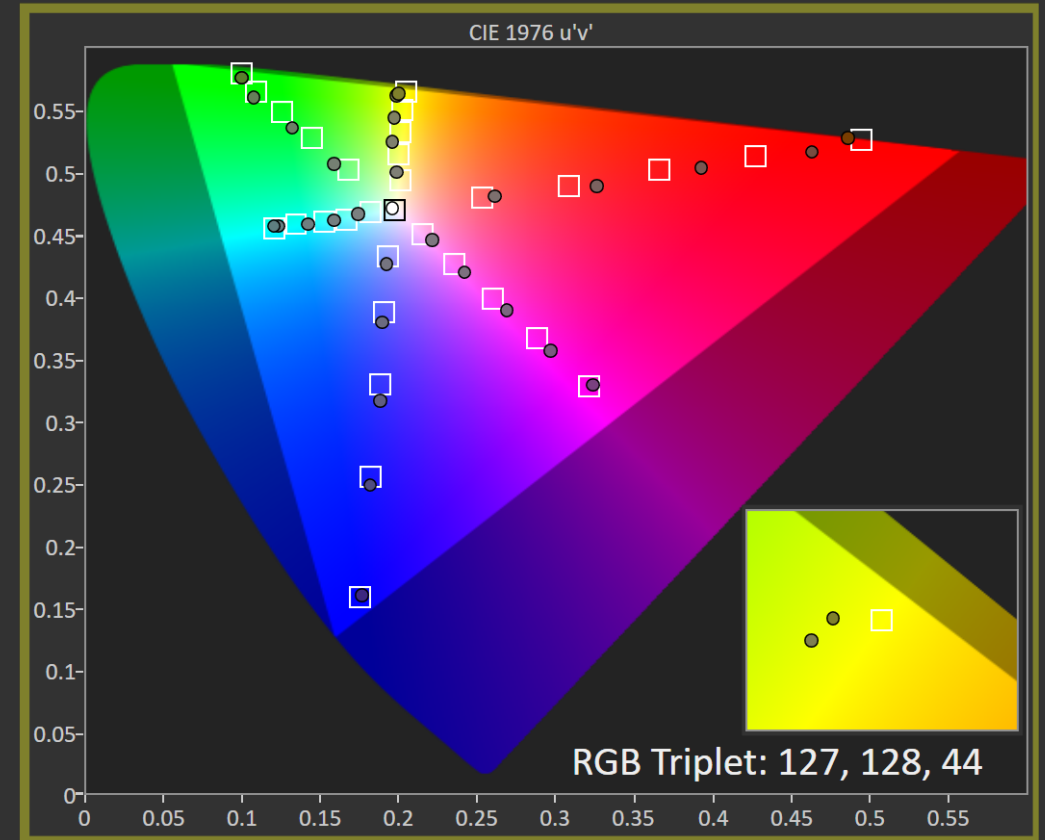
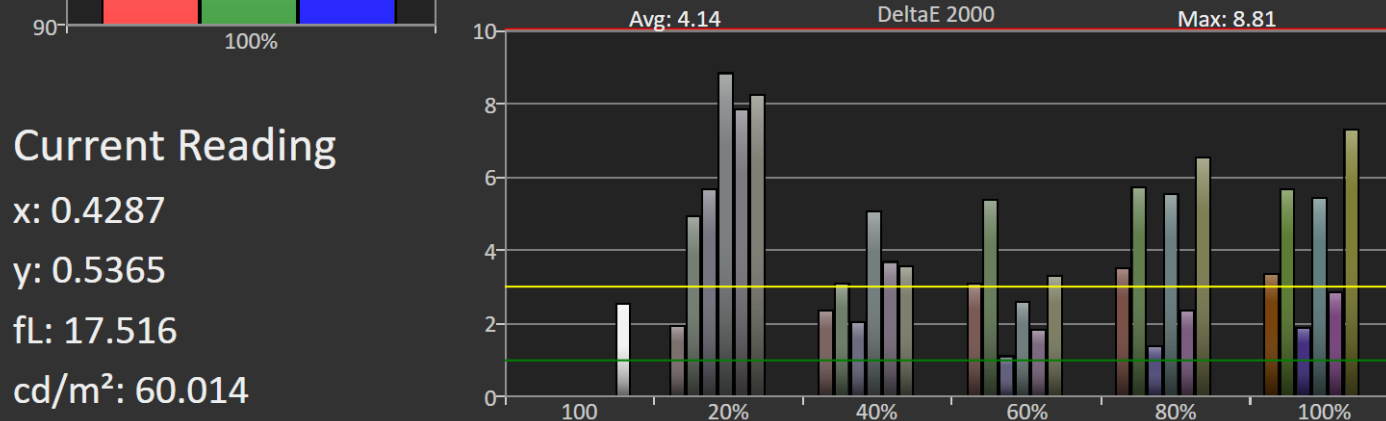
Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0 | Max. DeltaE < 4.5



P3 Saturation Sweeps inside BT.2020



dE Formula: 2000



Current Reading

x: 0.4287

y: 0.5365

fL: 17.516

cd/m²: 60.014

	20%	40%	60%	80%	100%
x: CIE31	0.3442	0.3673	0.3937	0.4247	0.4287
y: CIE31	0.3845	0.4342	0.4809	0.5317	0.5365
Y	129.0335	99.3332	78.8921	62.1146	60.0137
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

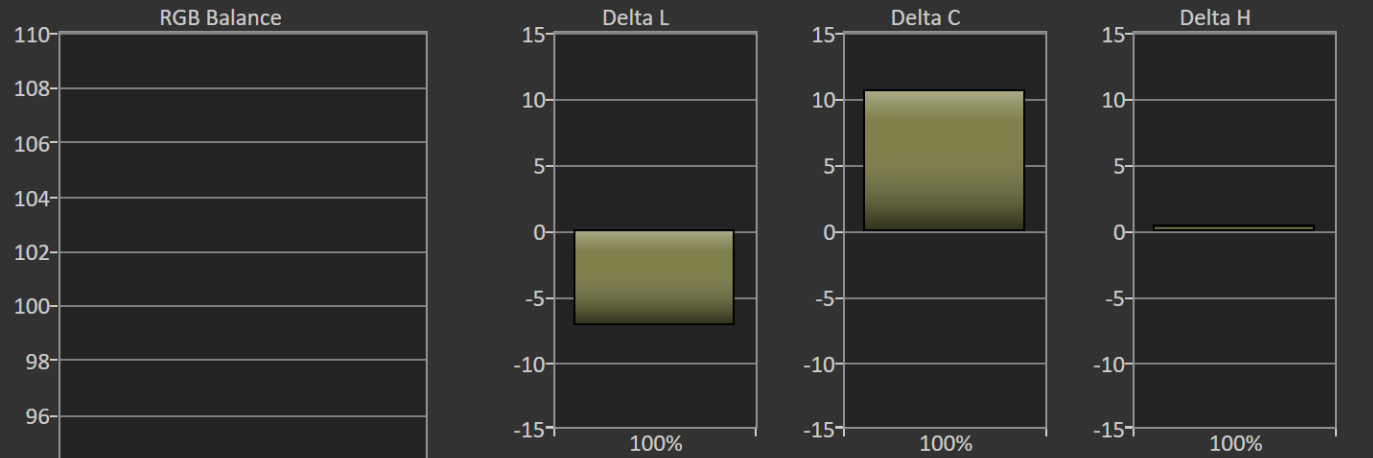
Saturation: HDR Peak high

LG 32GS95UX – 10% APL

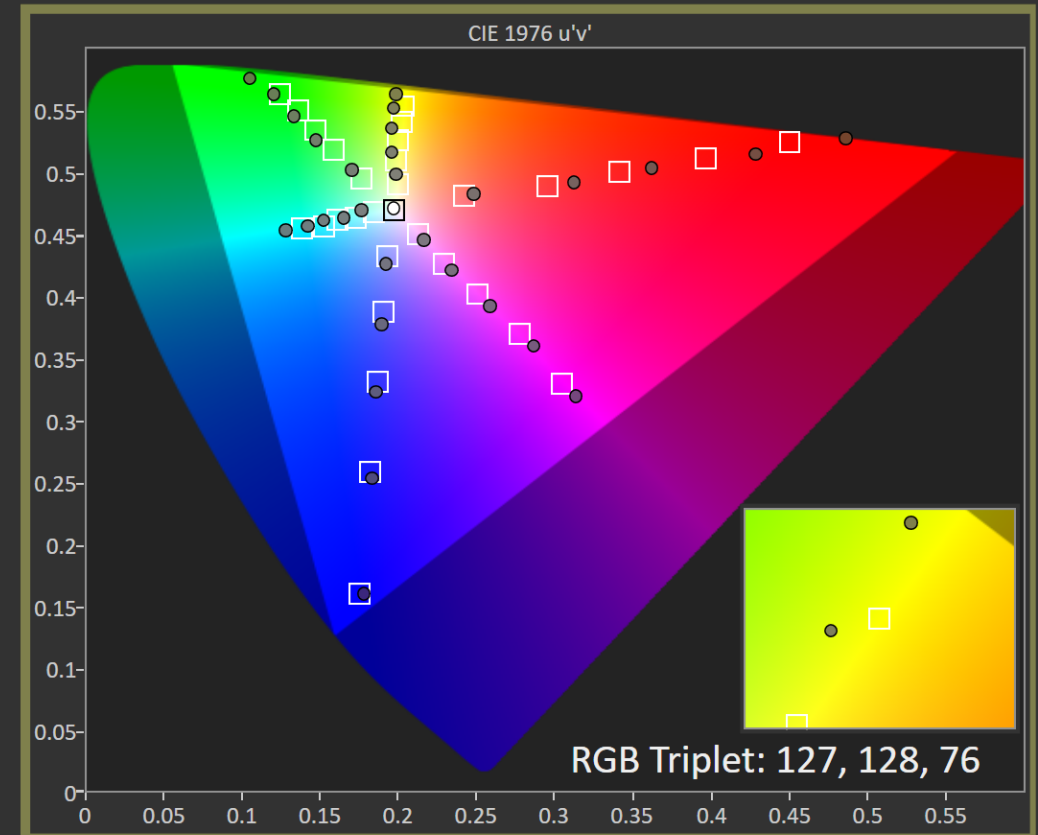
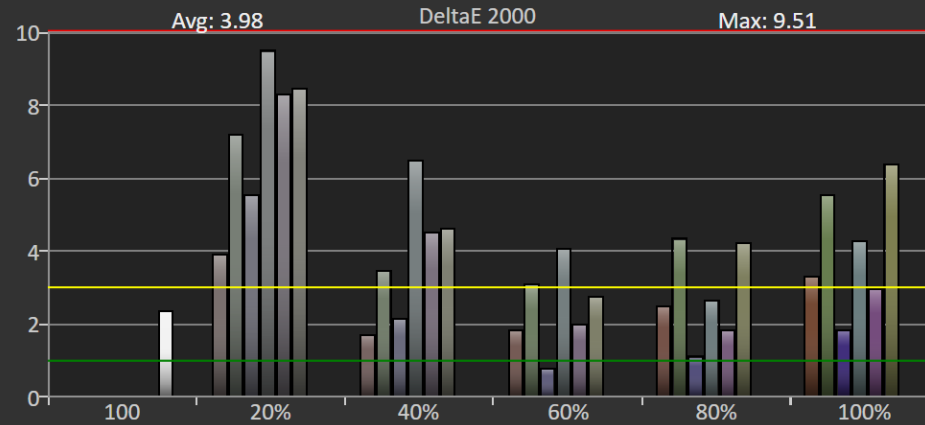
Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0 | Max. DeltaE < 4.5



BT.709 Saturation Sweeps inside BT.2020



dE Formula: 2000



Current Reading

x: 0.4275
y: 0.5376
fL: 17.626
cd/m²: 60.393

	20%	40%	60%	80%	100%
x: CIE31	0.3412	0.3577	0.3816	0.4058	0.4275
y: CIE31	0.3795	0.4182	0.4616	0.5019	0.5376
Y	132.0750	107.8270	87.2392	71.9201	60.393
Target x:CIE31	0.3364	0.3534	0.3752	0.3969	0.418
Target y:CIE31	0.3659	0.4019	0.4367	0.4714	0.506
Target Y	92.5569	90.4758	89.5525	88.7828	88.12