

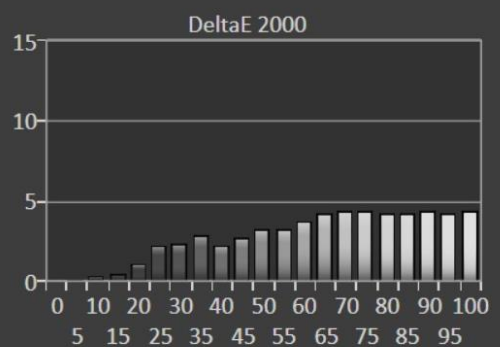
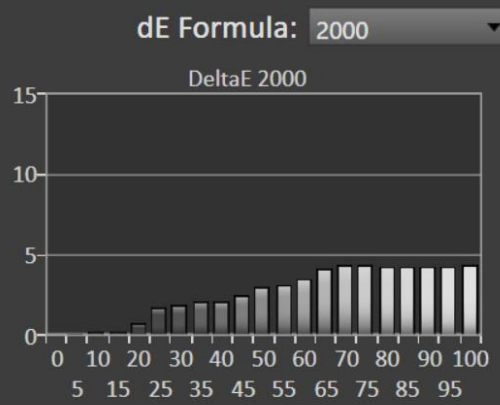
Gray Scale: HDR True Black 400 Mode

Philips EVNIA 34M2C8600 – 10% APL

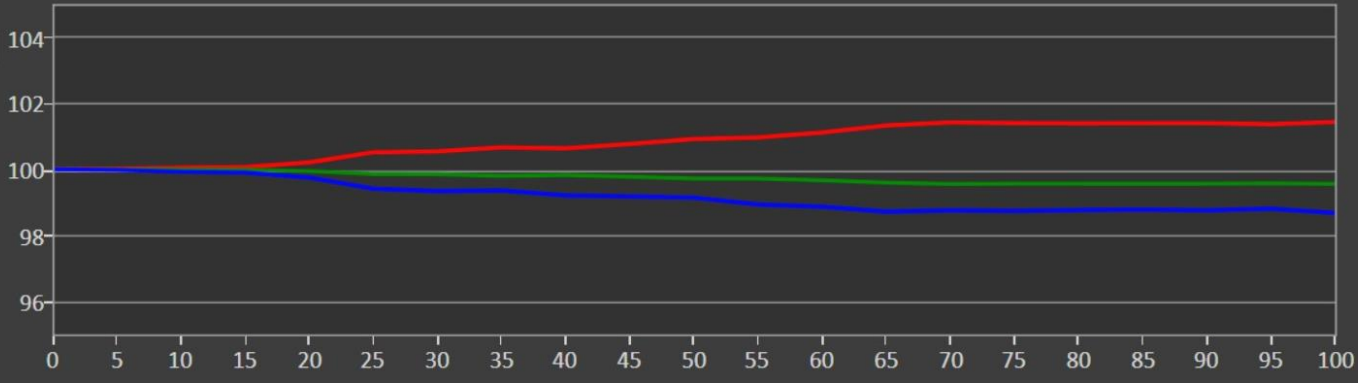
Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0



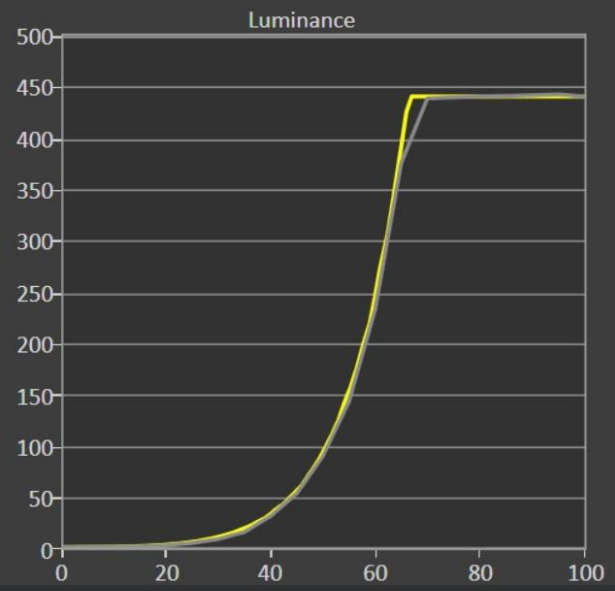
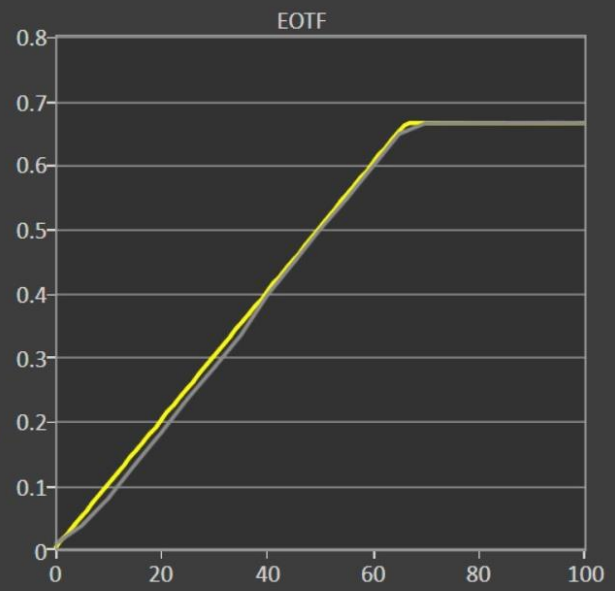
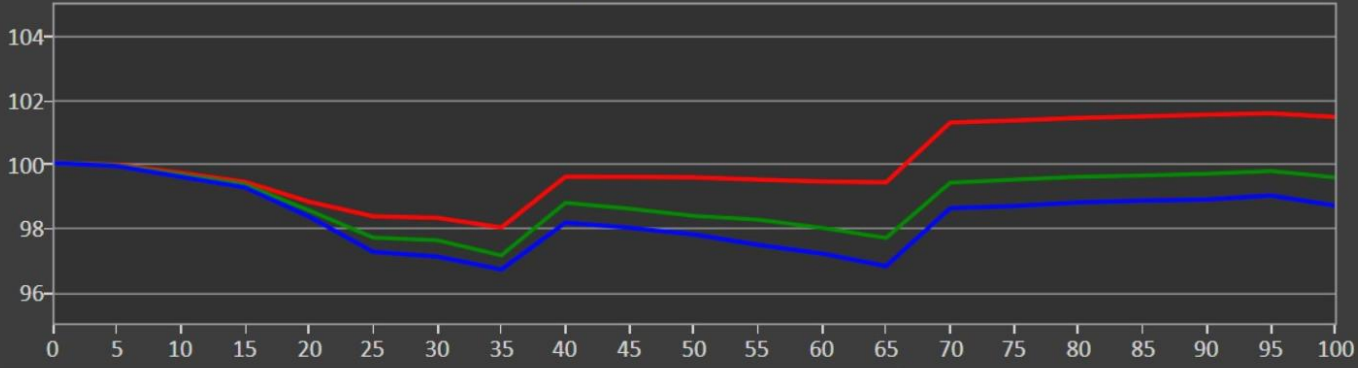
Grayscale Tracking



RGB Balance, without Luminance



RGB Balance, with Luminance



Current Reading:

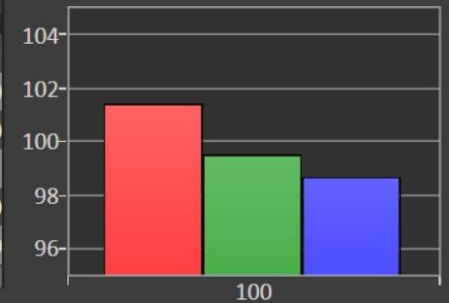
x: 0.3202

y: 0.3312

fL: 128.063

cd/m²: 438.779

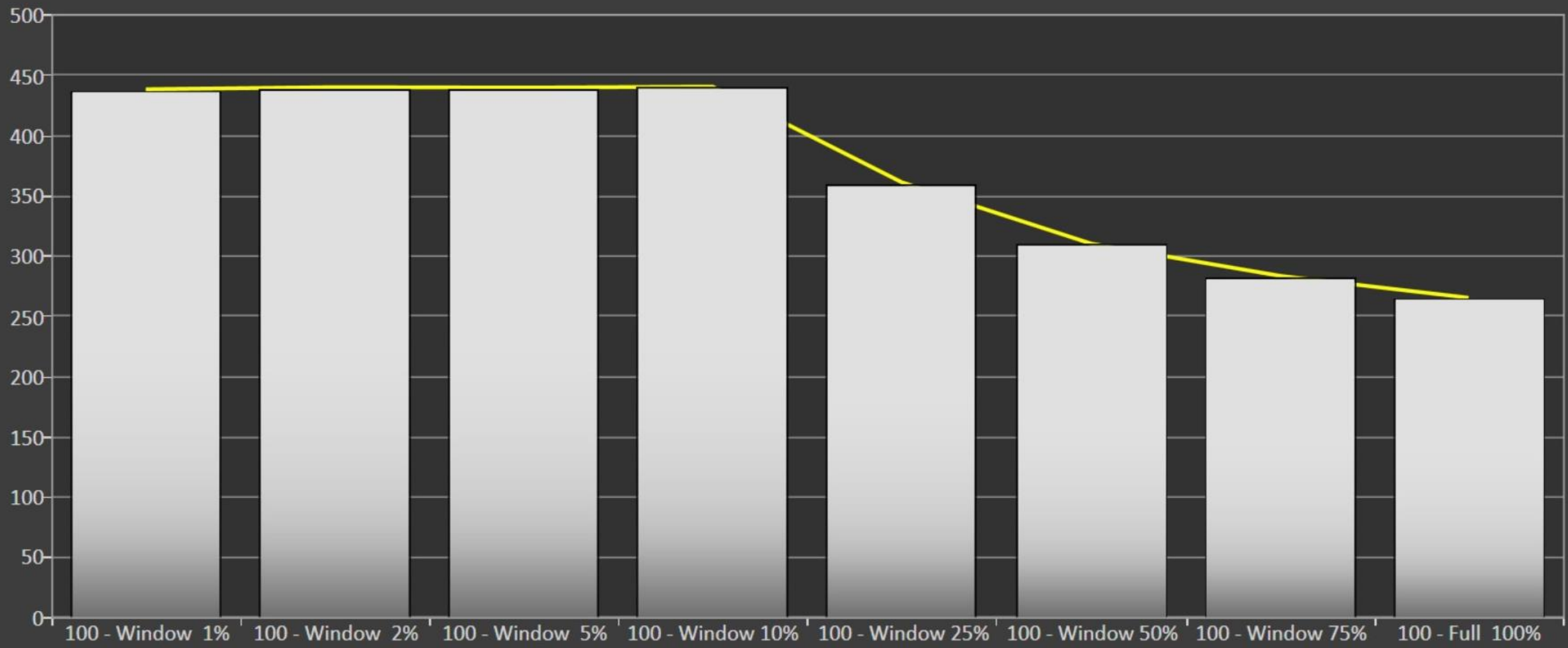
	0	5	10	15	20	25	30	35	40	45	50	
Y	0.001	0.028	0.170	0.664	1.741	4.041	7.902	14.818	30.373	52.556	88.640	1
x: CIE31	0.339	0.394	0.348	0.325	0.326	0.327	0.325	0.324	0.322	0.321	0.321	0
y: CIE31	0.329	0.370	0.350	0.336	0.335	0.335	0.334	0.332	0.333	0.332	0.331	0
Target Y	0.000	0.063	0.342	0.982	2.429	5.226	9.791	18.223	32.448	55.925	94.075	1
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	0
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	0



Peak vs. Window Size: HDR True Black 400 Mode

Philips EVNIA 34M2C8600

Portrait Display Calman Ultimate



ColorMatch HDR: HDR True Black 400 Mode

Philips EVNIA 34M2C8600 – 10% APL

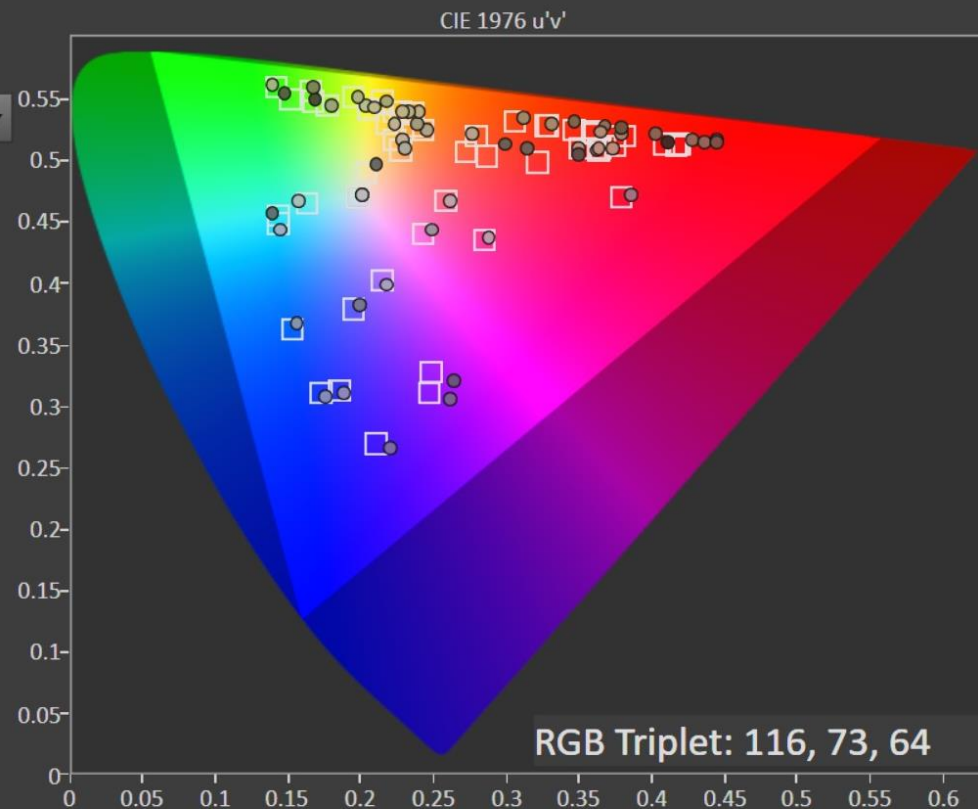
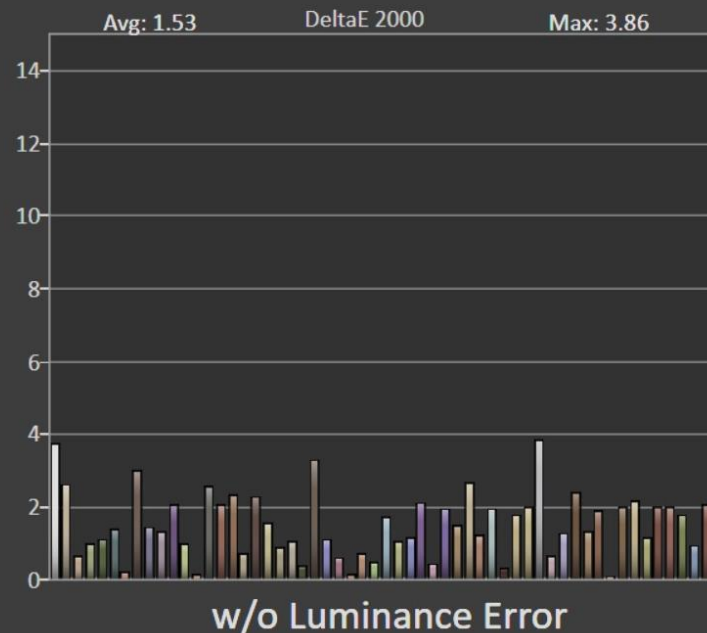
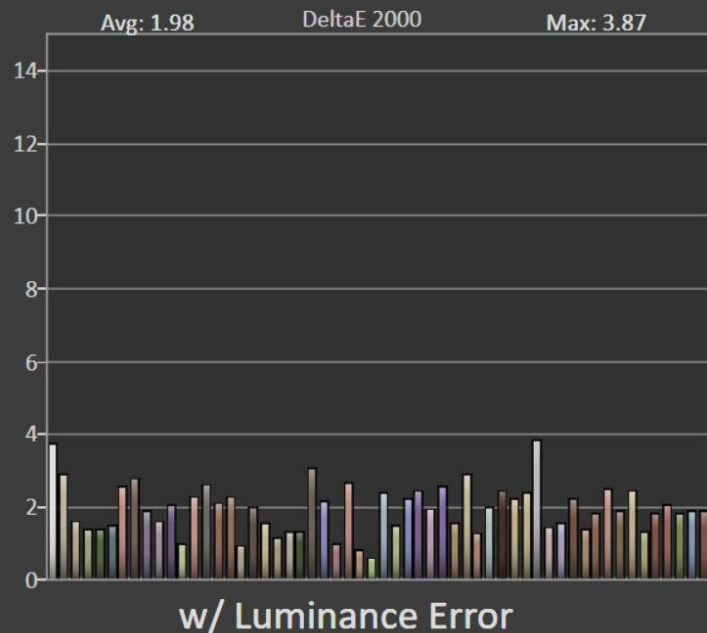
Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.5 | Max. DeltaE < 4.5



ColorMatch HDR

*The ColorMatch HDR patch set is derived from actual HDR video content.

dE Formula: 2000



	White	Color 1	Color 2	Color 3	Color 4	Color 5	Color 6	Color 7	Color 8	Color 9	Color 10	Color 11	Color 12	Color 13	Color 14	Color 15	Color 16	Color 17	Color 18	Color 19	Color 20	Color 21
x: CIE31	0.3191	0.4023	0.4657	0.3697	0.3297	0.2267	0.5360	0.4902	0.2533	0.3476	0.2798	0.4041	0.5269	0.3545	0.6084	0.5719	0.4335	0.5187	0.4085	0.4307	0.3950	0.357
y: CIE31	0.3309	0.4017	0.3876	0.4951	0.5469	0.3284	0.3324	0.3518	0.2140	0.2750	0.1501	0.4769	0.3399	0.3711	0.3257	0.3628	0.4112	0.3316	0.4692	0.4228	0.3868	0.516
Y	434.5073	340.9727	250.9436	192.1118	14.3464	29.5742	167.6774	18.0515	46.7485	135.7919	16.3991	411.1089	177.3868	24.1152	50.7015	51.1796	236.7514	8.8994	406.7854	170.0218	264.9164	5.809
Target x:CIE31	0.3127	0.3948	0.4669	0.3646	0.3302	0.2314	0.5382	0.4533	0.2465	0.3398	0.2708	0.4031	0.5289	0.3383	0.5861	0.5548	0.4296	0.4842	0.4017	0.4252	0.3902	0.352
Target y:CIE31	0.3290	0.4037	0.3858	0.4953	0.5268	0.3238	0.3326	0.3526	0.2114	0.2720	0.1576	0.4698	0.3395	0.3594	0.3261	0.3579	0.4109	0.3329	0.4675	0.4217	0.3860	0.511
Target Y	434.5073	363.0936	267.4322	200.4066	16.5971	31.7532	187.0246	20.6497	49.6300	141.8199	18.5495	414.3207	195.7176	26.0490	54.1003	52.9620	244.6872	10.4355	414.5436	176.4796	276.1415	6.884
dE ICTcP_240	1.3480	2.2451	1.7154	1.3581	3.4010	1.9433	2.8226	6.7604	2.2749	1.9207	5.2841	1.3355	2.5674	2.9996	5.2304	3.8030	1.1111	6.0559	1.4605	1.3575	1.3929	3.032

ColorChecker: HDR True Black 400 Mode

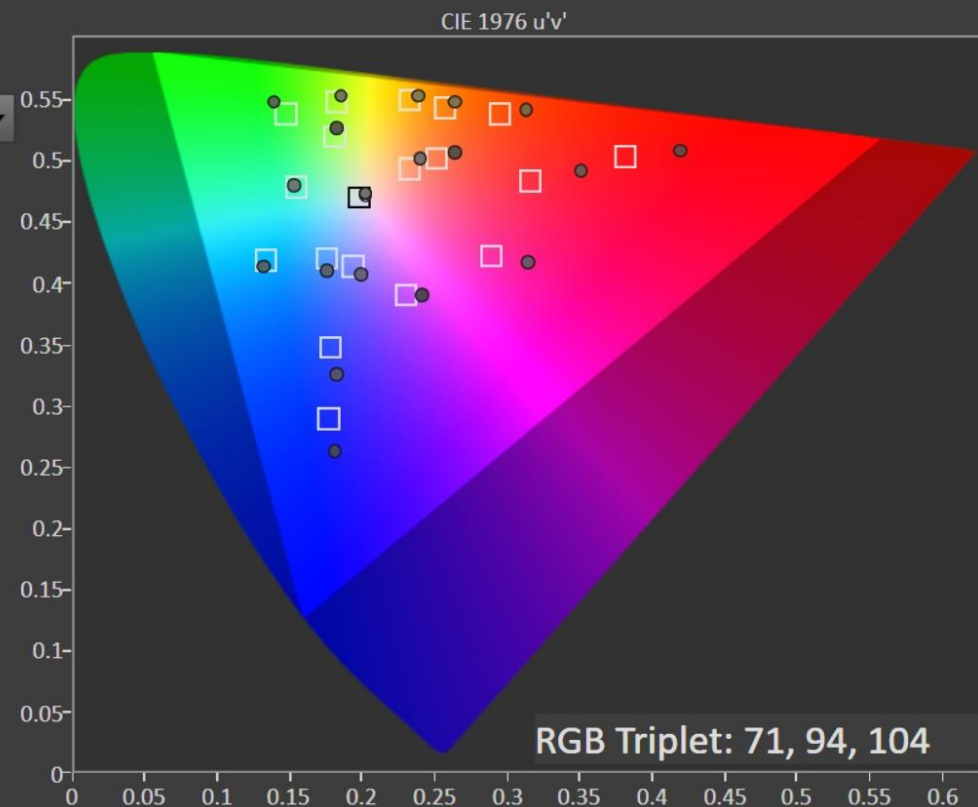
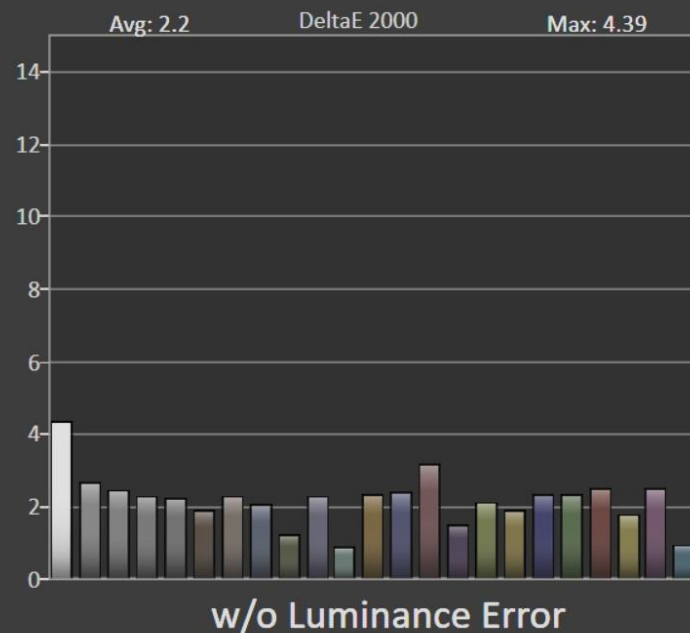
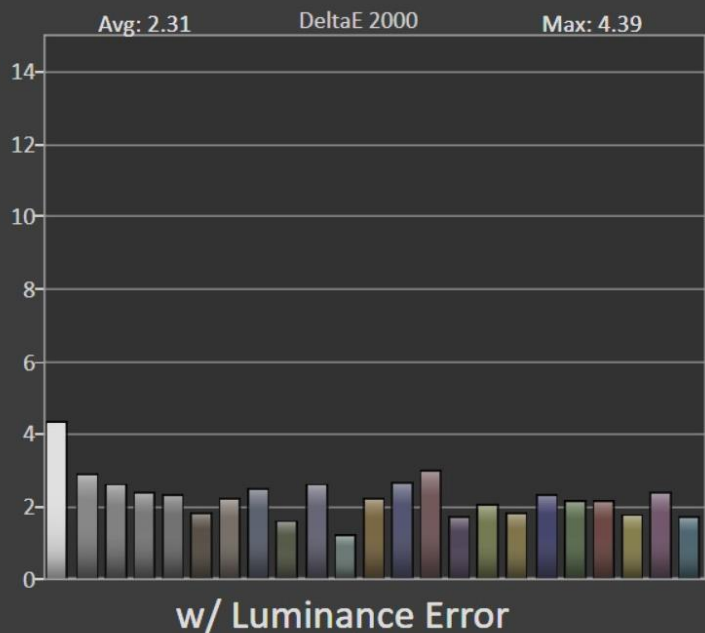
Philips EVNIA 34M2C8600 – 10% APL

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



ColorChecker® Analysis

dE Formula:



	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	Yellow
x: CIE31	0.3201	0.3212	0.3212	0.3209	0.3220	0.4308	0.3966	0.2430	0.3490	0.2675	0.2624	0.5366	0.2074	0.5040	0.2998	0.3892	0.4913	0.1832	0.3060	0.5894	0.4393
y: CIE31	0.3310	0.3322	0.3325	0.3318	0.3329	0.3662	0.3667	0.2499	0.4455	0.2413	0.3637	0.4095	0.1637	0.3125	0.2140	0.5157	0.4506	0.1175	0.5329	0.3167	0.4393
Y	438.2955	76.5034	62.7473	47.1401	33.4130	8.0127	33.6503	15.5638	11.0581	19.8925	40.3624	26.2831	8.8976	16.0743	5.1221	42.1854	42.3840	4.5573	21.3960	10.1468	57.3308
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	0.4393
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	0.4393
Target Y	438.2955	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	59.0835
dE ICtCp_240	1.5845	1.9718	1.9169	1.8501	2.0426	4.3019	2.8971	3.9991	3.6510	3.5362	1.6437	5.1002	5.0161	8.2449	4.6912	3.2682	3.6192	4.8918	4.1337	7.8435	3.1111

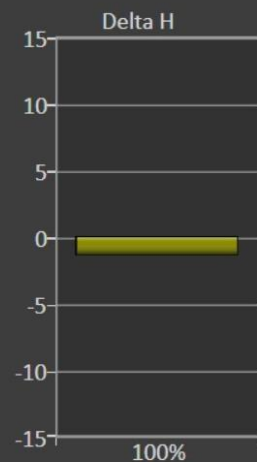
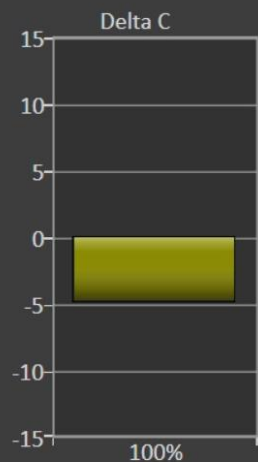
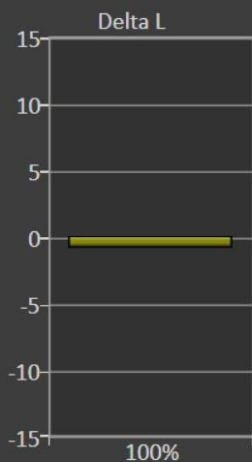
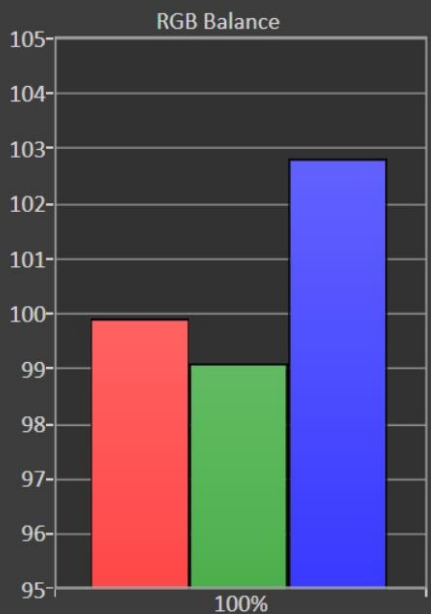
Saturation: HDR True Black 400 Mode

Philips EVNIA 34M2C8600 – 10% APL

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

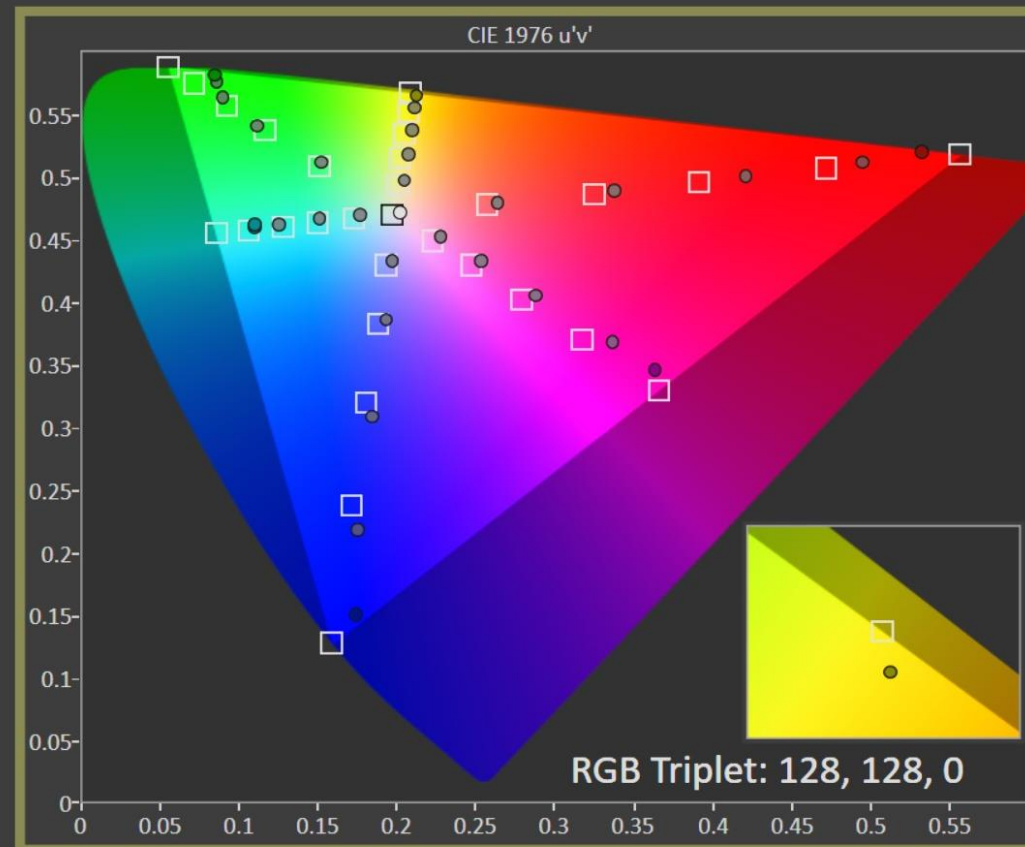
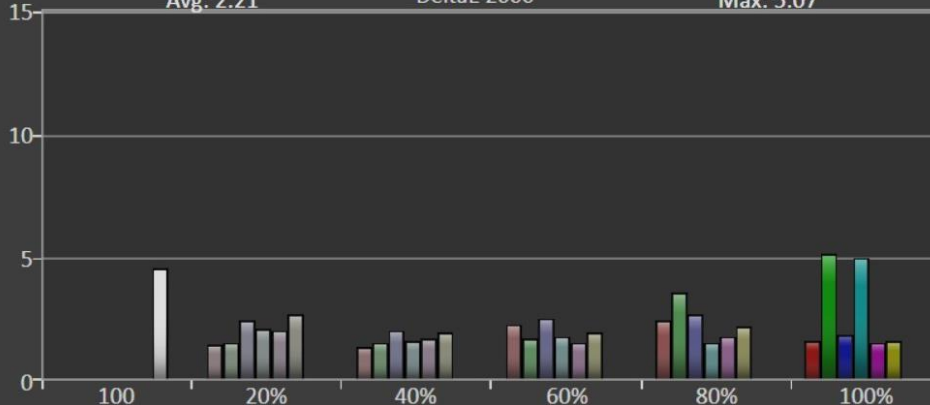


BT.2020 Saturation Sweeps



dE Formula: 2000

Avg: 2.21 DeltaE 2000 Max: 5.07



Current Reading

x: 0.4479

y: 0.5277

fL: 25.075

cd/m²: 85.915

	20%	40%	60%	80%	100%
x: CIE31	0.3479	0.3746	0.4041	0.4321	0.4479
y: CIE31	0.3732	0.4149	0.4604	0.5030	0.5277
Y	88.2572	87.3686	86.4865	85.5998	85.9151
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

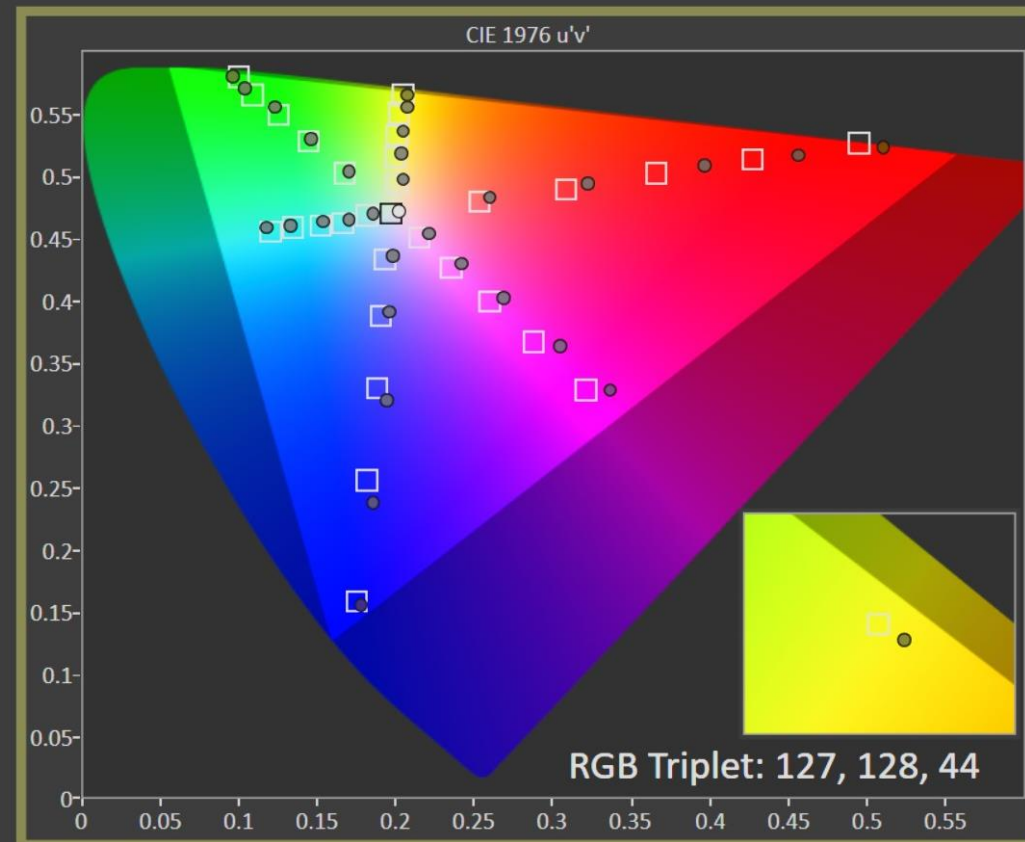
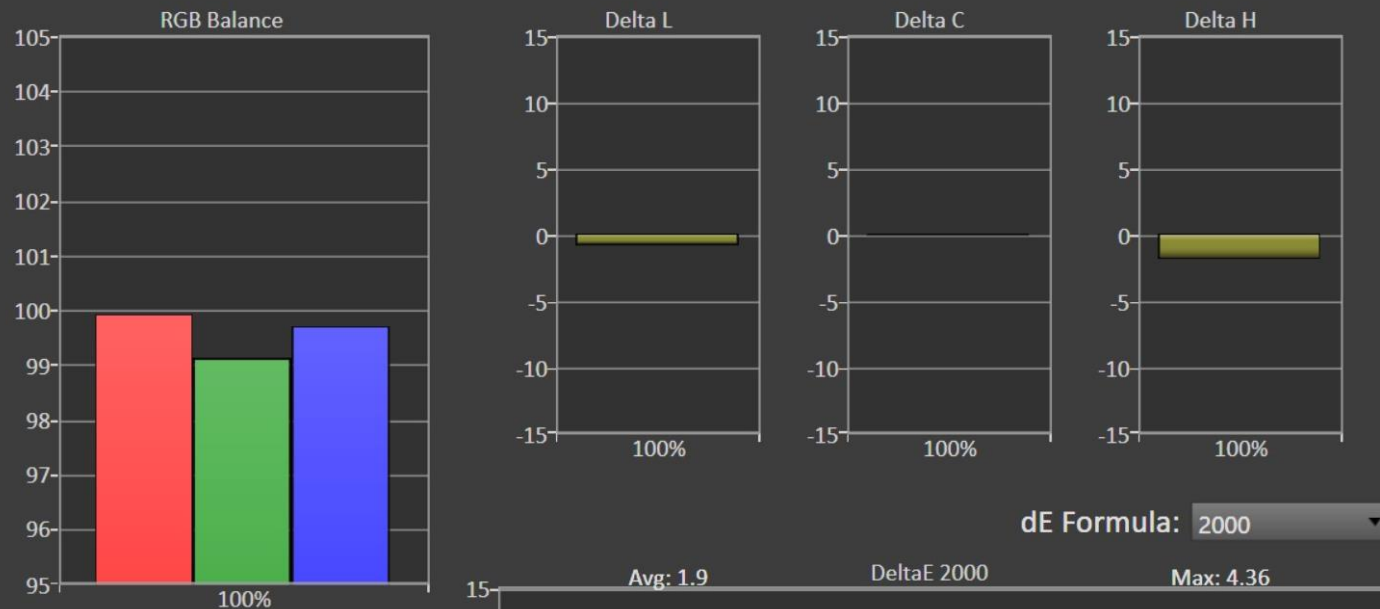
Saturation: HDR True Black 400 Mode

Philips EVNIA 34M2C8600 – 10% APL

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



P3 Saturation Sweeps inside BT.2020



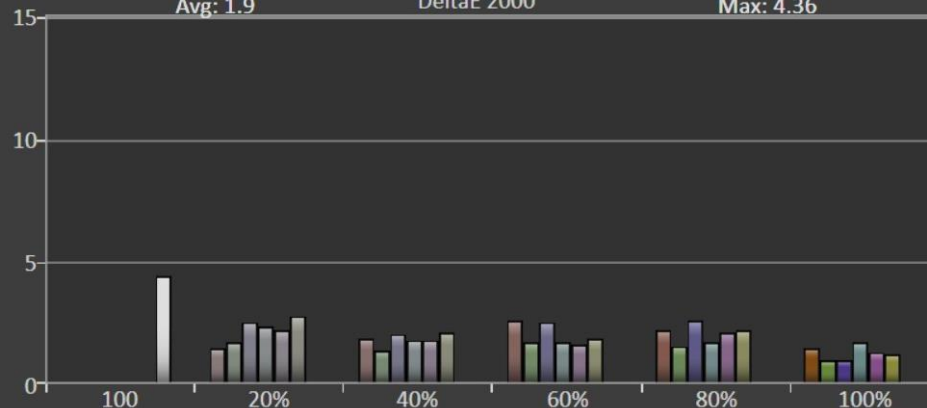
Current Reading

x: 0.4424

y: 0.5325

fL: 24.832

cd/m²: 85.08



	20%	40%	60%	80%	100%
x: CIE31	0.3478	0.3696	0.3959	0.4245	0.4424
y: CIE31	0.3730	0.4165	0.4587	0.5041	0.5325
Y	87.8823	86.0253	86.0757	85.1729	85.0805
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

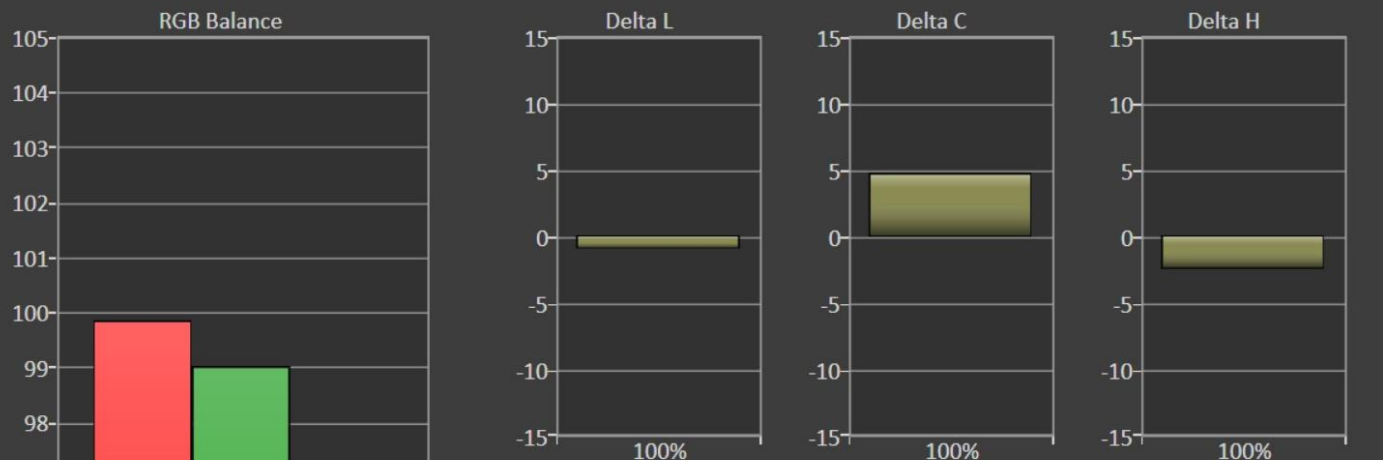
Saturation: HDR True Black 400 Mode

Philips EVNIA 34M2C8600 – 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

Avg: 1.98 DeltaE 2000 Max: 4.32

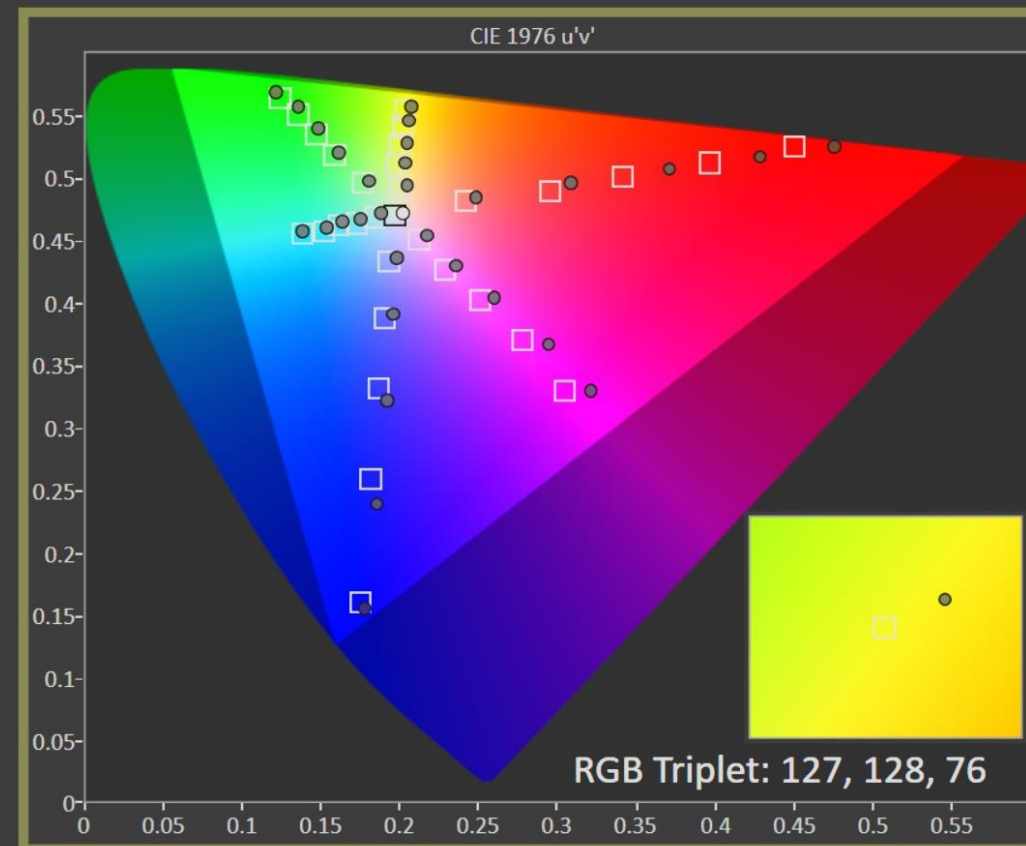
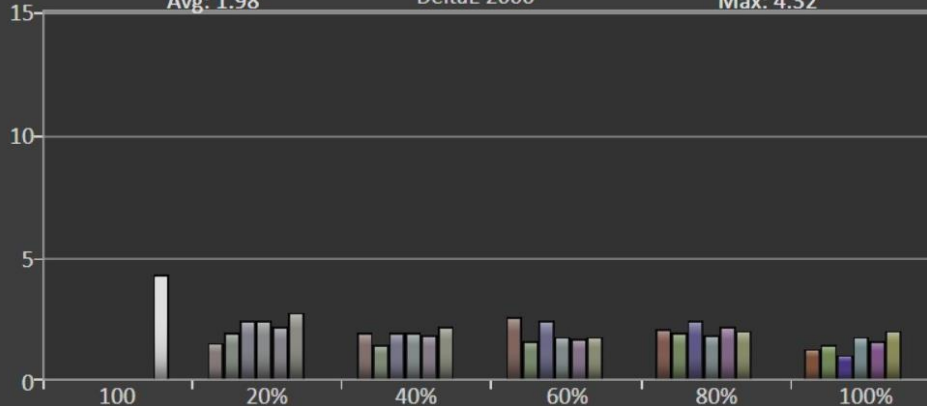
Current Reading

x: 0.4298

y: 0.5124

fL: 24.816

cd/m²: 85.026



	20%	40%	60%	80%	100%
x: CIE31	0.3448	0.3618	0.3837	0.4088	0.4298
y: CIE31	0.3685	0.4041	0.4392	0.4799	0.5124
Y	87.8455	86.8767	86.3258	85.3217	85.0260
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