

Gray Scale: HDR True Black 400 Mode

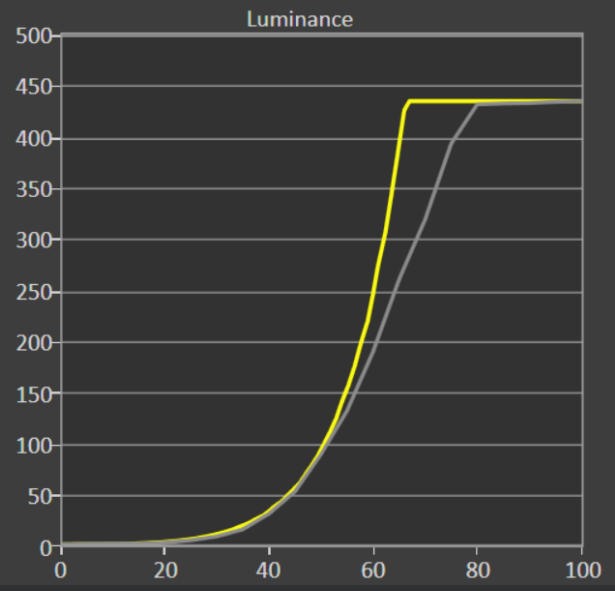
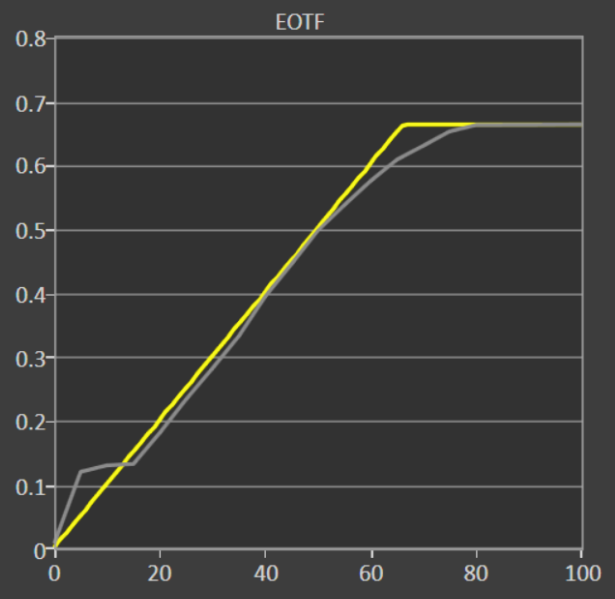
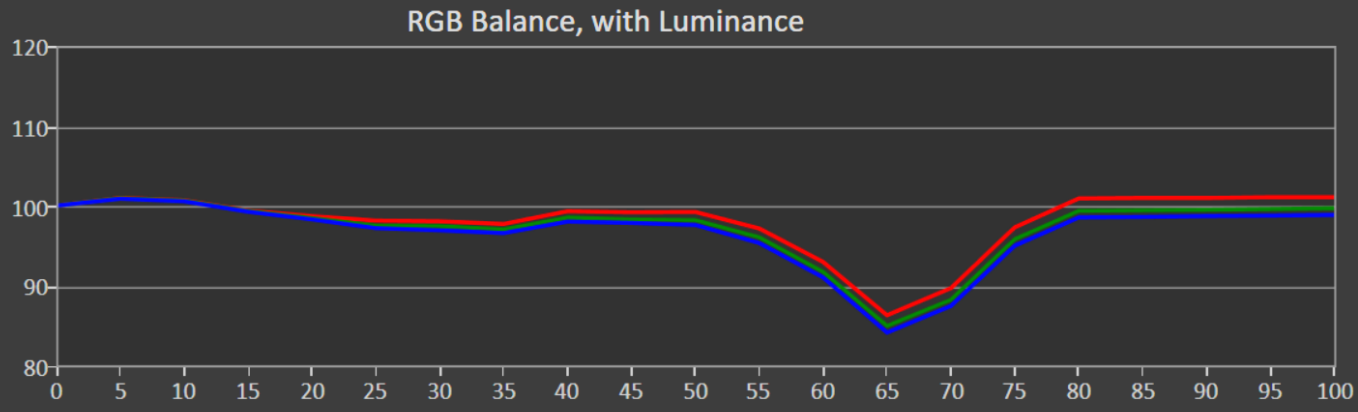
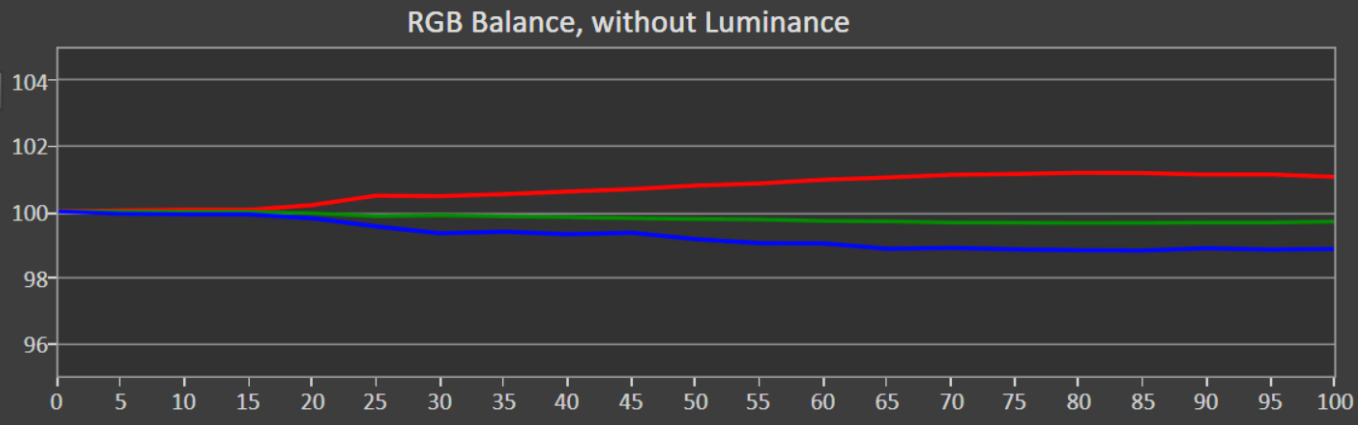
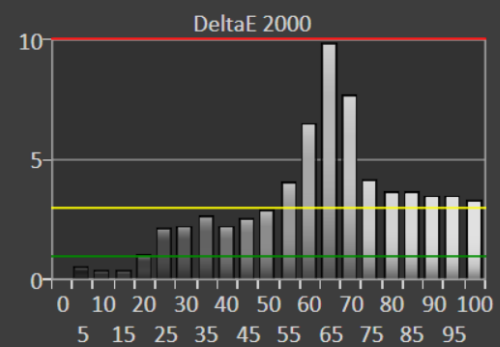
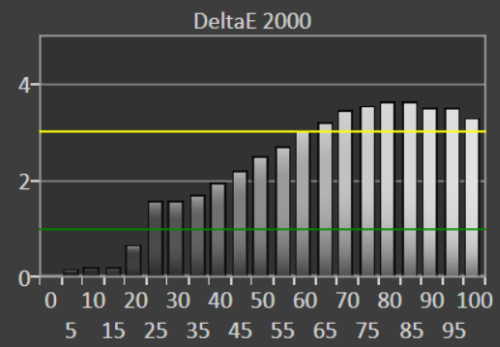
Philips EVNIA 34M2C8600 – 10% APL

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



Grayscale Tracking

dE Formula: 2000



Current Reading:

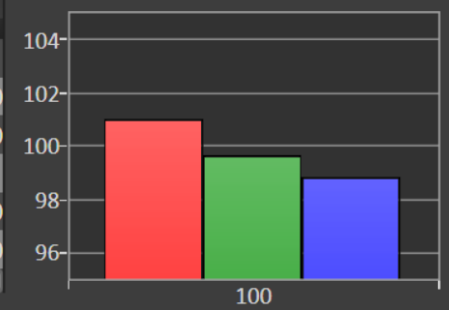
x: 0.3185

y: 0.3312

fL: 126.365

cd/m²: 432.961

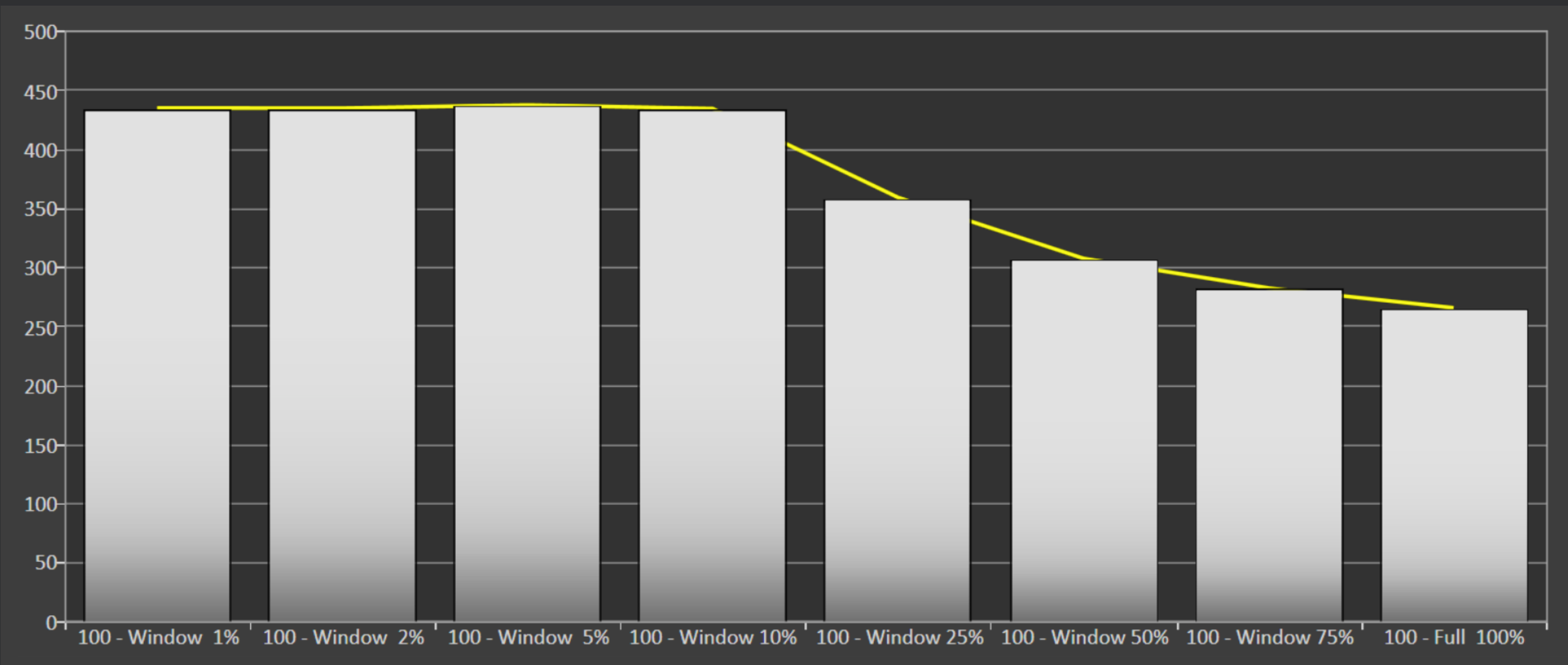
	0	5	10	15	20	25	30	35	40	45	50
Y	0.001	0.509	0.641	0.672	1.717	3.967	7.791	14.690	29.966	51.775	87.928
x: CIE31	0.378	0.322	0.323	0.323	0.324	0.325	0.324	0.322	0.321	0.320	0.320
y: CIE31	0.353	0.336	0.335	0.336	0.334	0.333	0.335	0.333	0.332	0.331	0.332
Target Y	0.000	0.063	0.342	0.982	2.429	5.226	9.791	18.223	32.448	55.925	94.075
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



Peak vs. Window Size: HDR True Black 400 Mode

Philips EVNIA 34M2C8600

Portrait Display Calman Ultimate



ColorChecker: HDR True Black 400 Mode

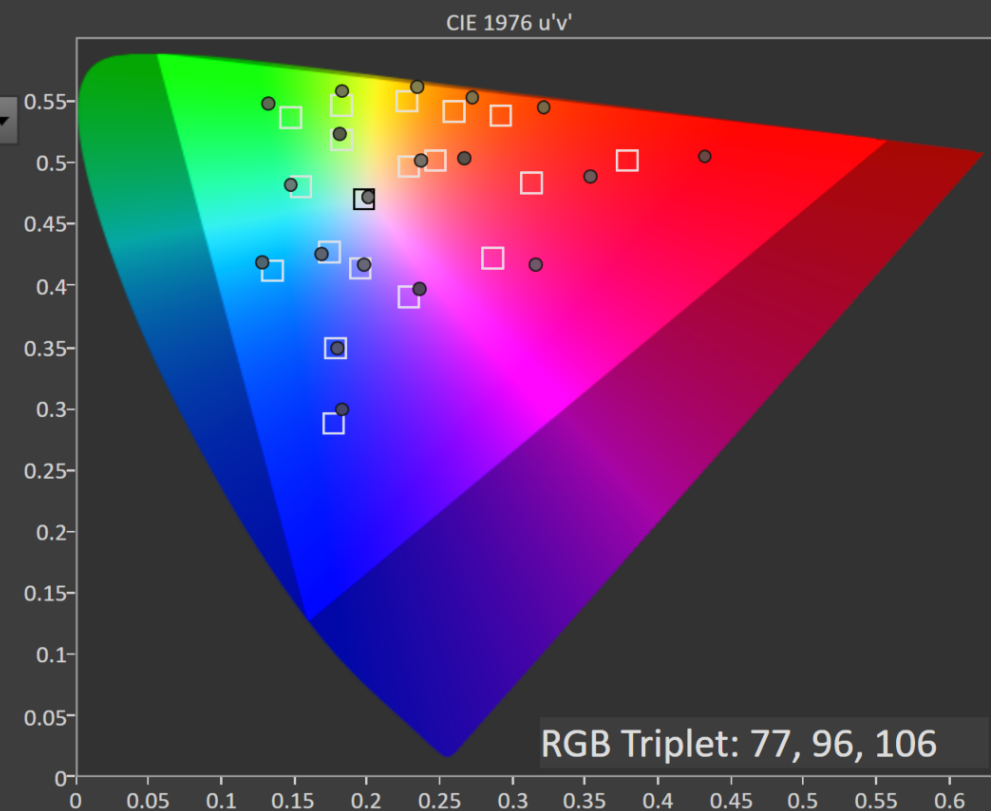
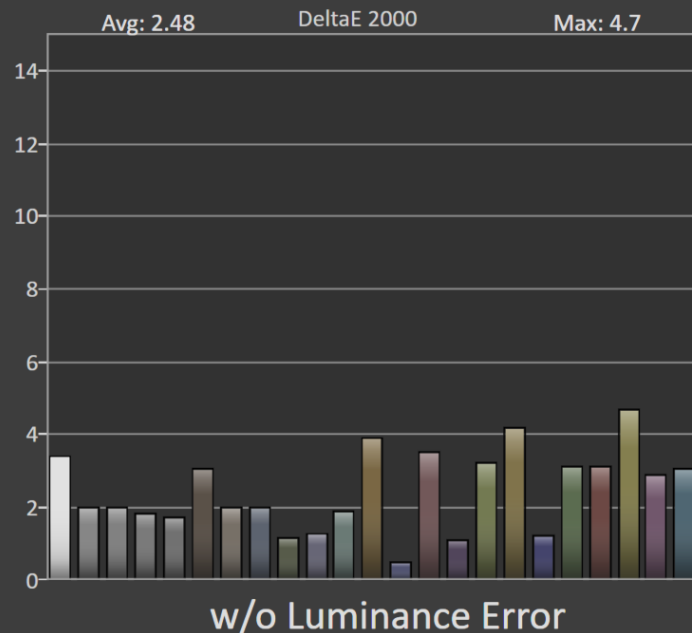
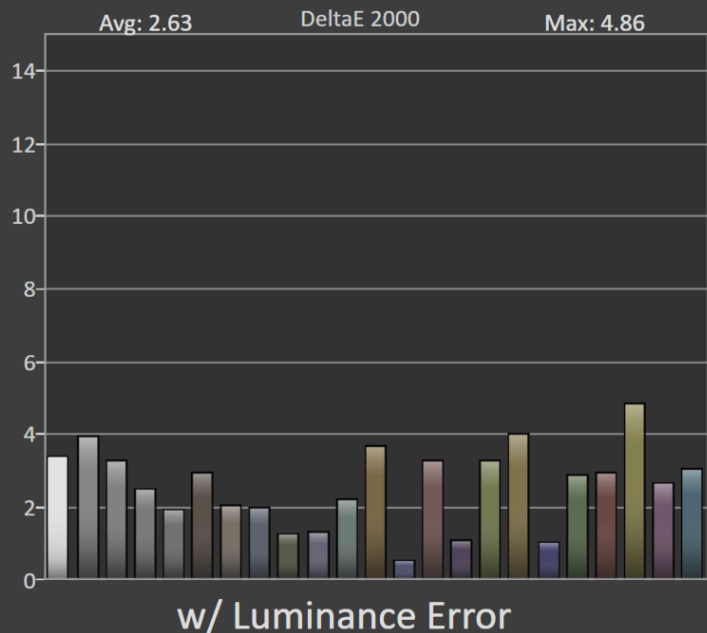
Philips EVNIA 34M2C8600 – 10% APL

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	Ye
x: CIE31	0.3182	0.3186	0.3188	0.3191	0.3193	0.4305	0.3932	0.2441	0.3438	0.2737	0.2555	0.5536	0.2151	0.5025	0.3001	0.3907	0.5076	0.1975	0.2939	0.5954	0.4
y: CIE31	0.3303	0.3305	0.3305	0.3310	0.3308	0.3607	0.3685	0.2720	0.4407	0.2544	0.3676	0.4152	0.1842	0.3066	0.2228	0.5299	0.4570	0.1425	0.5394	0.3081	0.5
Y	422.5981	66.8715	56.8871	44.1208	32.7231	8.9214	32.9168	18.7865	11.6430	22.8988	38.0166	25.5431	11.2051	16.7422	6.2892	38.5299	37.7656	6.7791	21.6744	11.0542	50
Target x:CIE31	0.3127	0.3127	0.3127	0.3127	0.3127	0.4054	0.3777	0.2508	0.3405	0.2665	0.2637	0.5068	0.2130	0.4555	0.2881	0.3762	0.4758	0.1878	0.3074	0.5433	0.4
Target y:CIE31	0.3290	0.3290	0.3290	0.3290	0.3290	0.3636	0.3621	0.2712	0.4273	0.2497	0.3619	0.4139	0.1843	0.3111	0.2175	0.4985	0.4397	0.1345	0.4955	0.3179	0.4
Target Y	422.5981	78.5239	65.1648	48.9966	34.7955	9.7026	35.5043	19.2703	13.0968	23.5175	42.7178	28.8587	11.3765	18.5834	6.3847	43.8502	42.7764	6.0157	23.5390	11.5347	59
dE_ICtCp_240	1.1838	3.9383	3.3508	2.6392	1.7861	4.2269	2.9283	1.6348	2.6239	1.5589	3.1835	9.3765	0.7280	9.5420	2.1572	6.0058	8.0756	3.3325	4.8786	11.1647	9.0

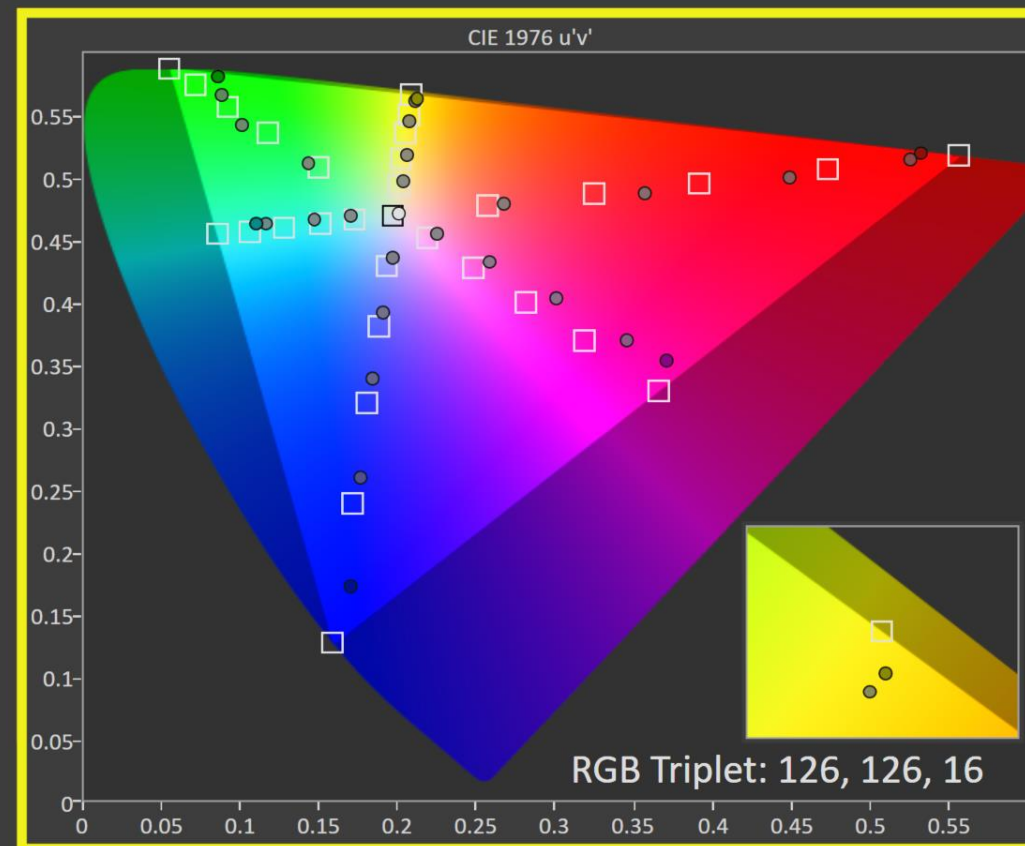
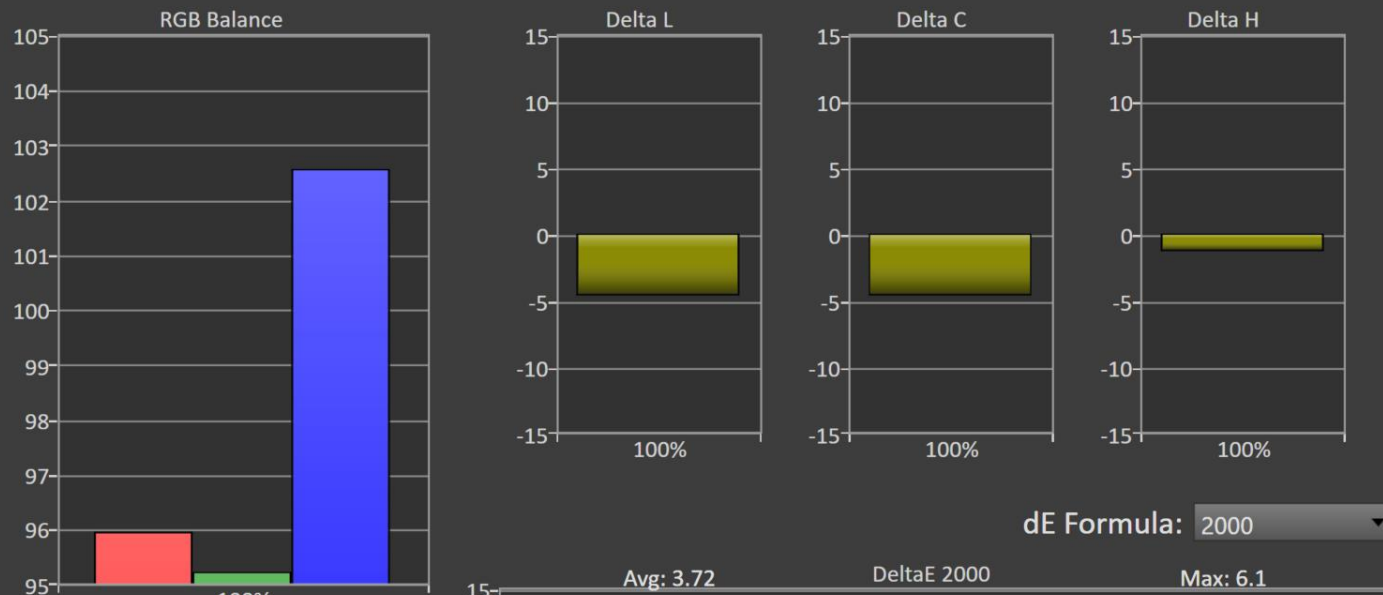
Saturation: HDR True Black 400 Mode

Philips EVNIA 34M2C8600 – 10% APL

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

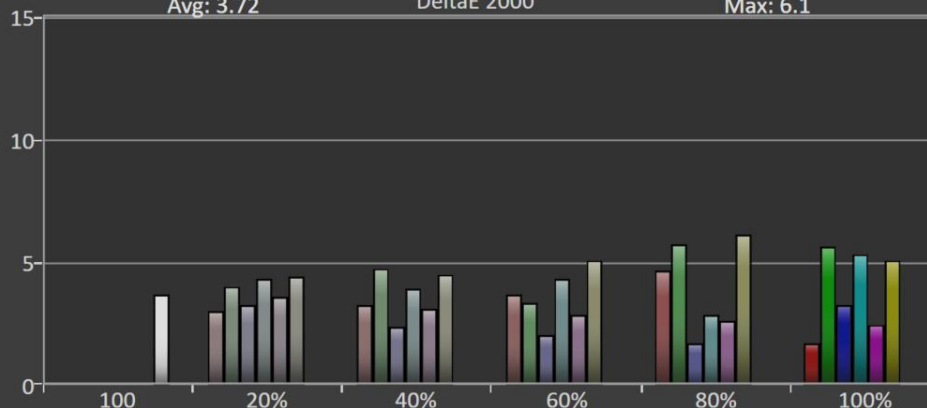


BT.2020 Saturation Sweeps



Current Reading

x: 0.4474
y: 0.5276
fL: 21.2
cd/m²: 72.638



	20%	40%	60%	80%	100%
x: CIE31	0.3458	0.3736	0.4114	0.4443	0.4474
y: CIE31	0.3745	0.4165	0.4788	0.5231	0.5276
Y	77.0164	75.3652	73.6841	72.8772	72.6380
Target x:CIE31	0.3402	0.3652	0.3938	0.4193	0.4465
Target y:CIE31	0.3718	0.4108	0.4553	0.4950	0.5374
Target Y	92.6462	91.4198	90.3060	89.5008	88.7821

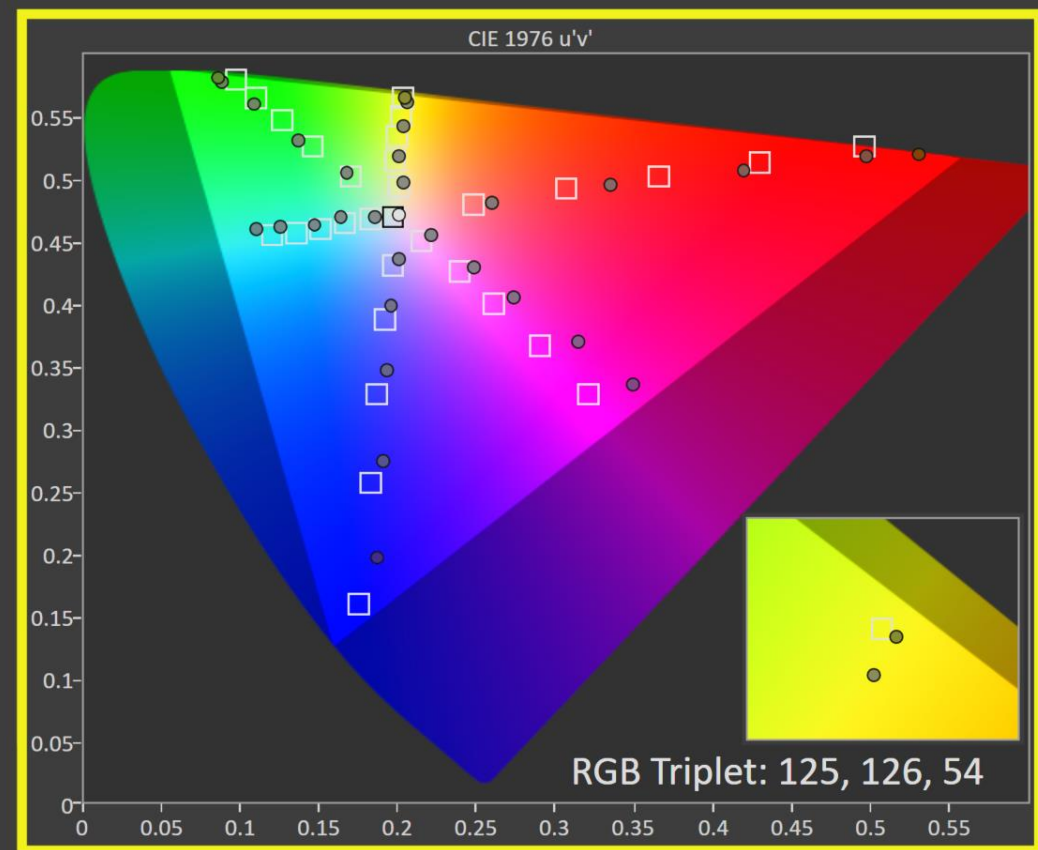
Saturation: HDR True Black 400 Mode

Philips EVNIA 34M2C8600 – 10% APL

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

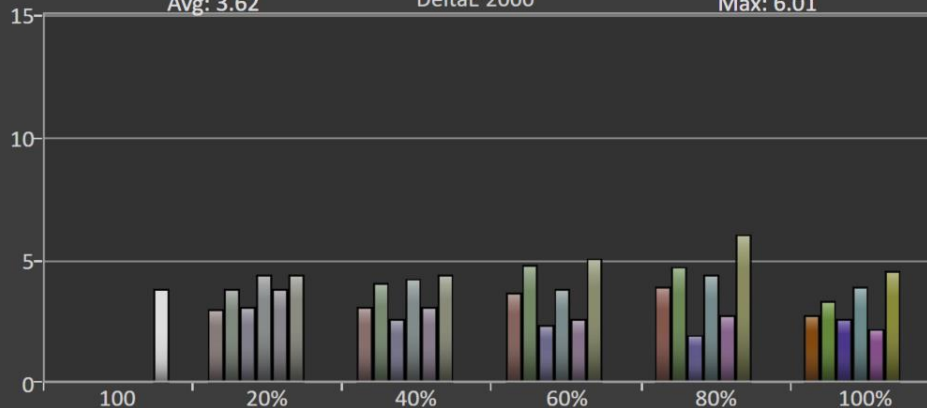


P3 Saturation Sweeps inside BT.2020



Current Reading

x: 0.4391
y: 0.5353
fL: 21.056
cd/m²: 72.144



	20%	40%	60%	80%	100%
x: CIE31	0.3460	0.3660	0.4026	0.4352	0.4391
y: CIE31	0.3746	0.4188	0.4746	0.5264	0.5353
Y	77.0137	74.5539	72.8062	71.7496	72.1437
Target x:CIE31	0.3402	0.3593	0.3854	0.4116	0.4366
Target y:CIE31	0.3718	0.4129	0.4549	0.4970	0.5371
Target Y	92.6462	90.3110	89.2772	88.4335	87.7653

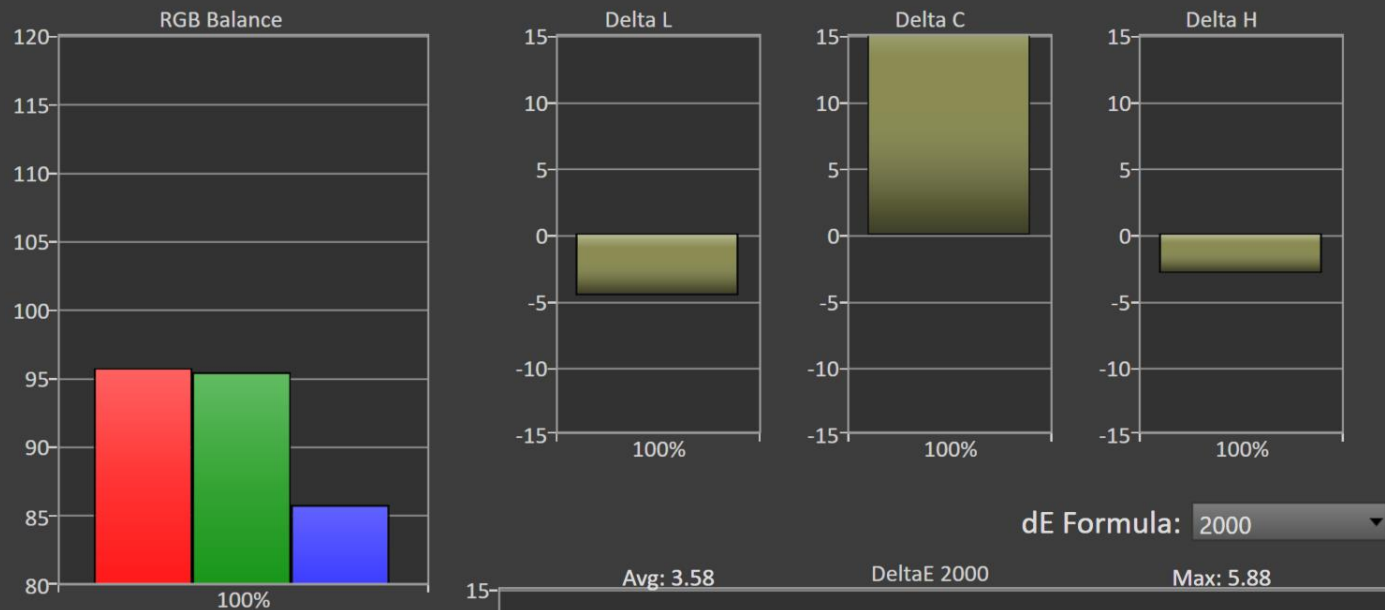
Saturation: HDR True Black 400 Mode

Philips EVNIA 34M2C8600 – 10% APL

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

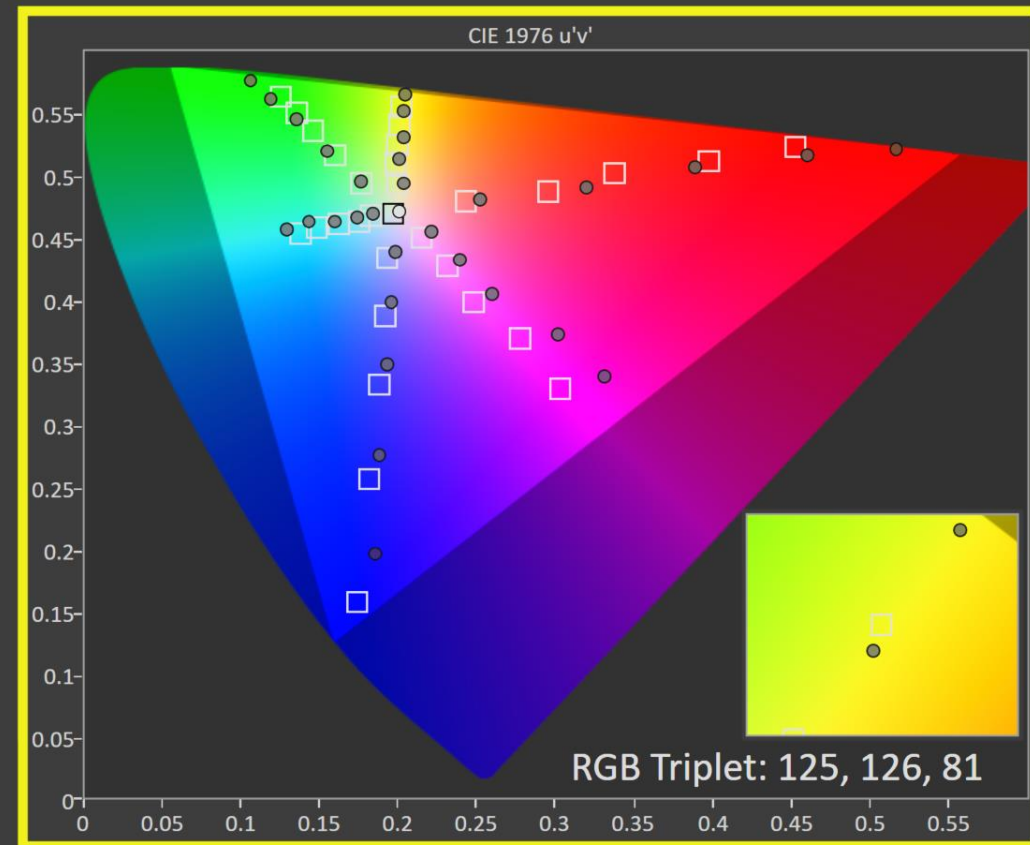
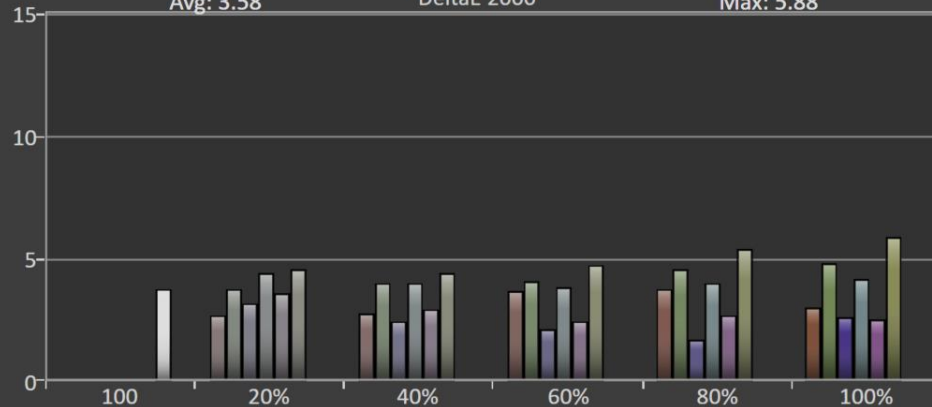


BT.709 Saturation Sweeps inside BT.2020



Current Reading

x: 0.4378
y: 0.5364
fL: 20.968
cd/m²: 71.843



	20%	40%	60%	80%	100%
x: CIE31	0.3435	0.3612	0.3858	0.4165	0.4378
y: CIE31	0.3695	0.4093	0.4472	0.4992	0.5364
Y	76.9546	75.0233	73.5700	72.2124	71.8434
Target x:CIE31	0.3368	0.3534	0.3731	0.3962	0.4183
Target y:CIE31	0.3666	0.4034	0.4351	0.4721	0.5077
Target Y	92.8316	90.5787	89.7366	88.9113	88.2448