

Color Space: Default Settings

KTC M27P20P – sRGB

Portrait Display Calman Ultimate | Target: 99 %



Calman 2022 Calman Ultimate for Business 151 Days Remaining - Analysis/SDR Toolkit



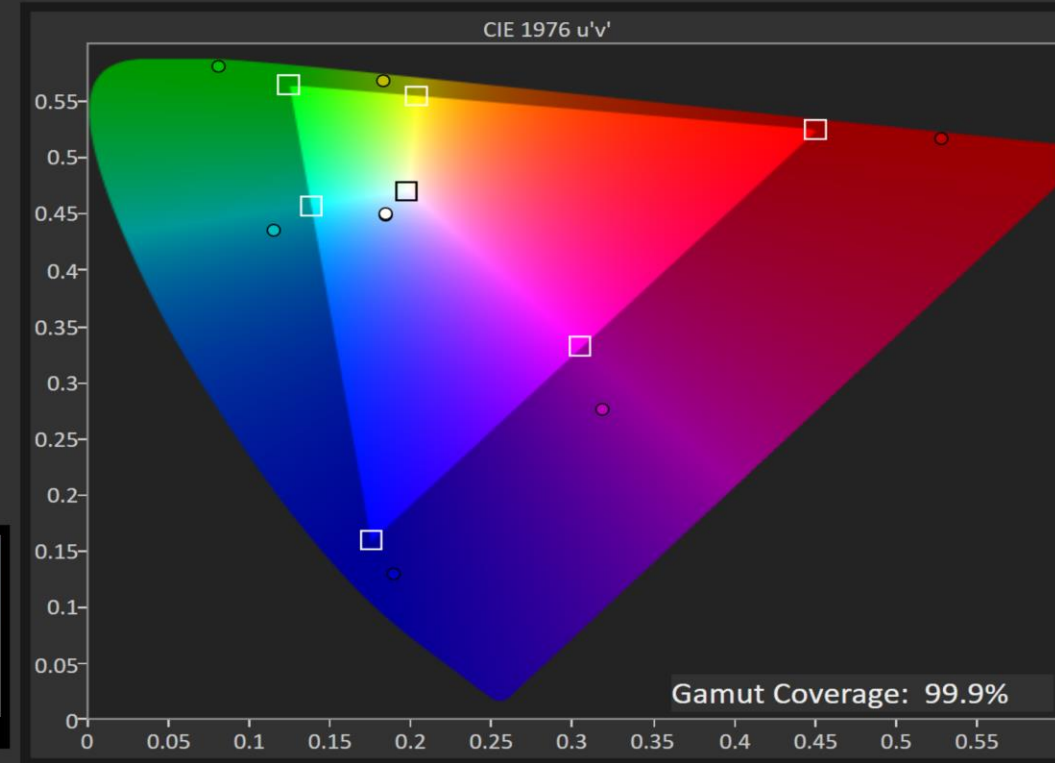
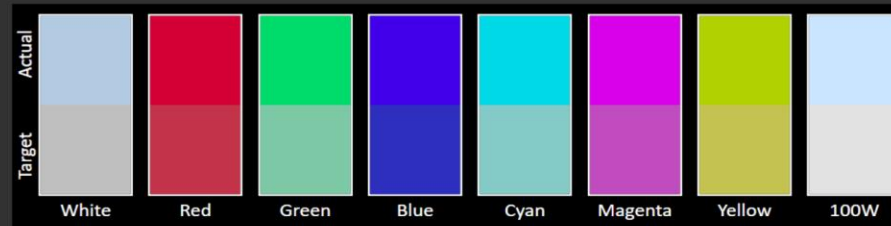
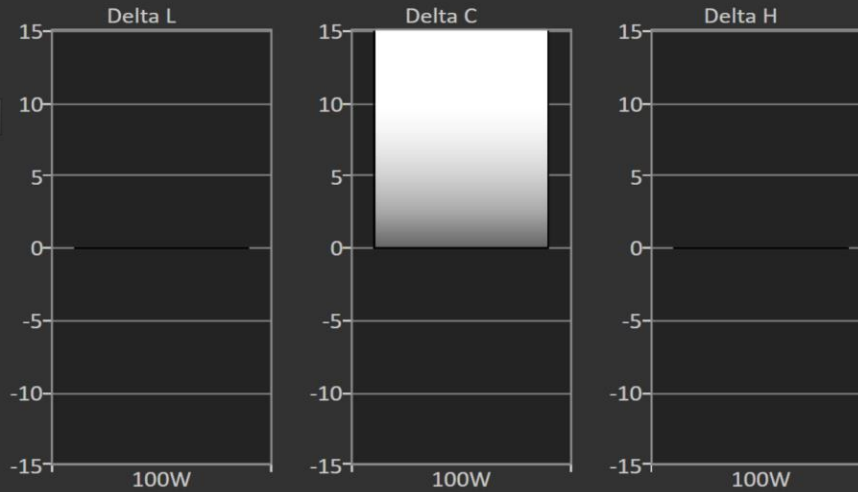
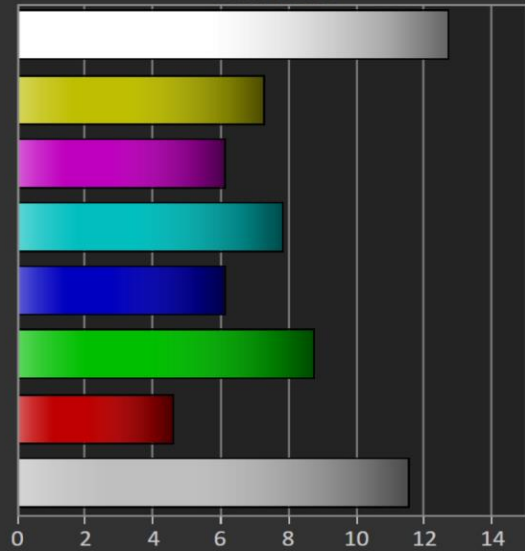
History 1

11 Display Pro/Calibrite ColorChecker Display Plus (Retail) Source CalMAN Client 3 Display Profiler M27P20P 66 Standard

Color Gamut

dE Formula: 2000

DeltaE 2000

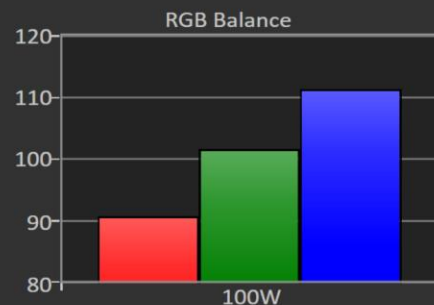


Current Reading

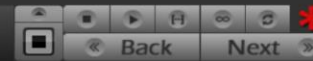
x: 0.2798 y: 0.3016

fL: 118.89

cd/m²: 407.35



	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.2793	0.6862	0.2280	0.1534	0.1813	0.3018	0.4066	0.2798
y: CIE31	0.3005	0.2978	0.7202	0.0461	0.3006	0.1155	0.5580	0.3016
Y	234.2435	44.4056	169.2049	17.8983	187.8410	62.2827	214.8969	407.35
Target Y	212.2258	45.1311	151.7751	15.3196	167.0947	60.4507	196.9061	400
ΔE 2000	11.5295	4.6303	8.7253	6.1005	7.8258	6.1427	7.2594	12.1
ΔE JTD	21.6888	58.1866	15.2267	22.6746	22.6427	21.6785	21.6412	21.6



Color Space: Default Settings

KTC M27P20P – DCI-P3

Portrait Display Calman Ultimate | Target: 99 %



Calman 2022 Calman Ultimate for Business 151 Days Remaining - Analysis/SDR Toolkit



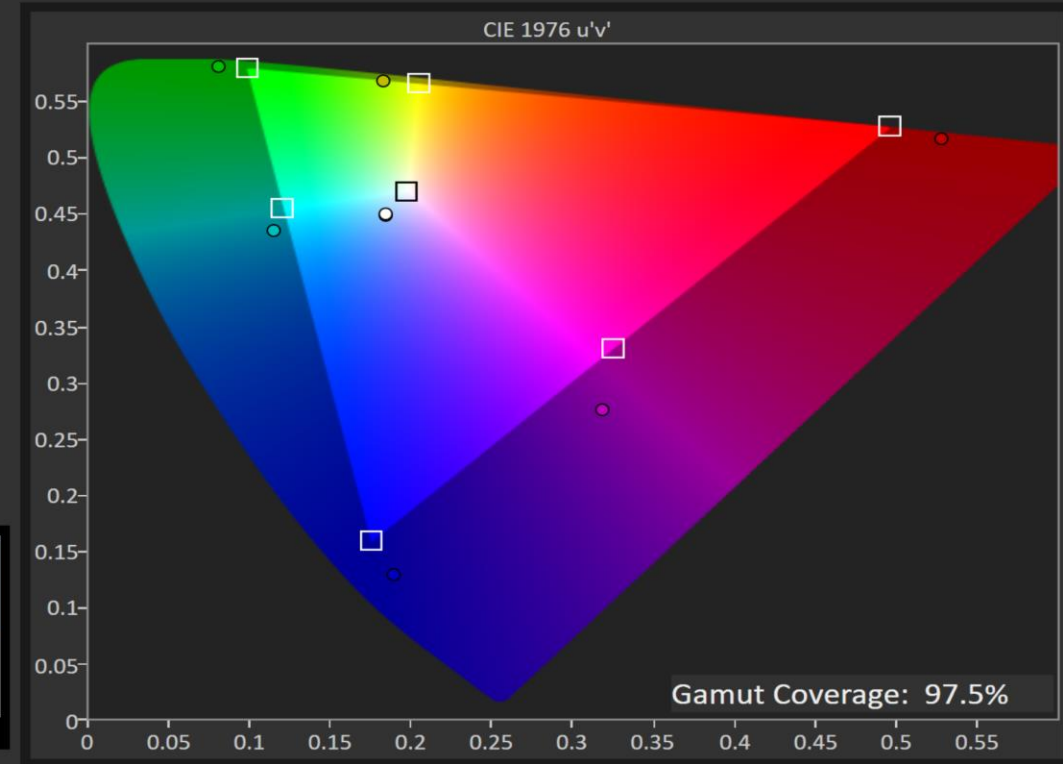
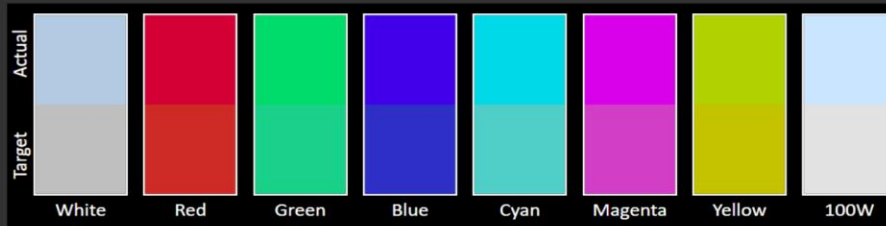
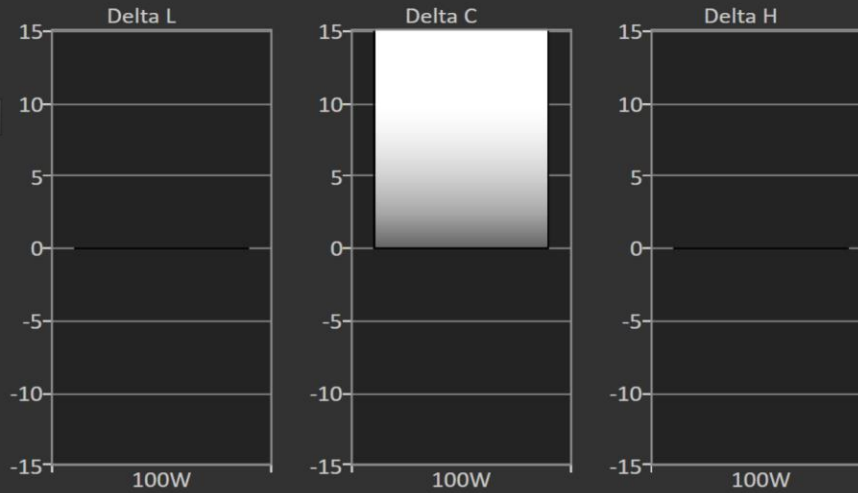
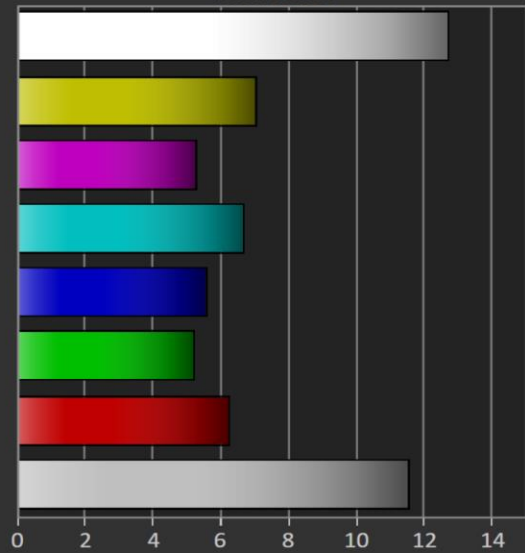
History 1

Display Pro/Calibrite ColorChecker Display Plus (Retail) | Source | CalMAN Client 3 Display Profiler | LCD LED (Quantum Dot) | M27P20P 66 Standard

Color Gamut

dE Formula: 2000

DeltaE 2000

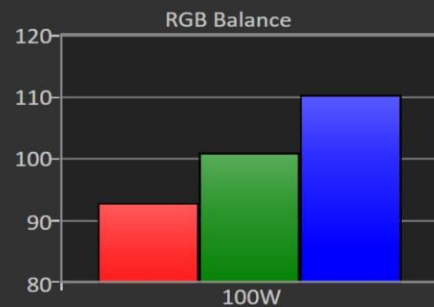


Current Reading

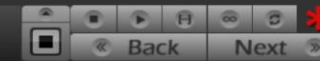
x: 0.2798 y: 0.3016

fL: 118.89

cd/m²: 407.35



	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.2793	0.6862	0.2280	0.1534	0.1813	0.3018	0.4066	0.2798
y: CIE31	0.3005	0.2978	0.7202	0.0461	0.3006	0.1155	0.5580	0.3016
Y	234.2435	44.4056	169.2049	17.8983	187.8410	62.2827	214.8969	407.35
Target Y	212.2258	48.5974	146.8031	16.8253	163.6284	65.4227	195.4005	400
ΔE 2000	11.5295	6.2524	5.1844	5.5666	6.7014	5.2498	7.0273	12.5
ΔE ITD	21.6888	22.8888	17.7405	18.5885	18.8888	22.1888	18.7518	21.5



Color Space: Default Settings

KTC M27P20P – Adobe RGB

Portrait Display Calman Ultimate | Target: 99 %



Calman 2022 Calman Ultimate for Business 151 Days Remaining - Analysis/SDR Toolkit



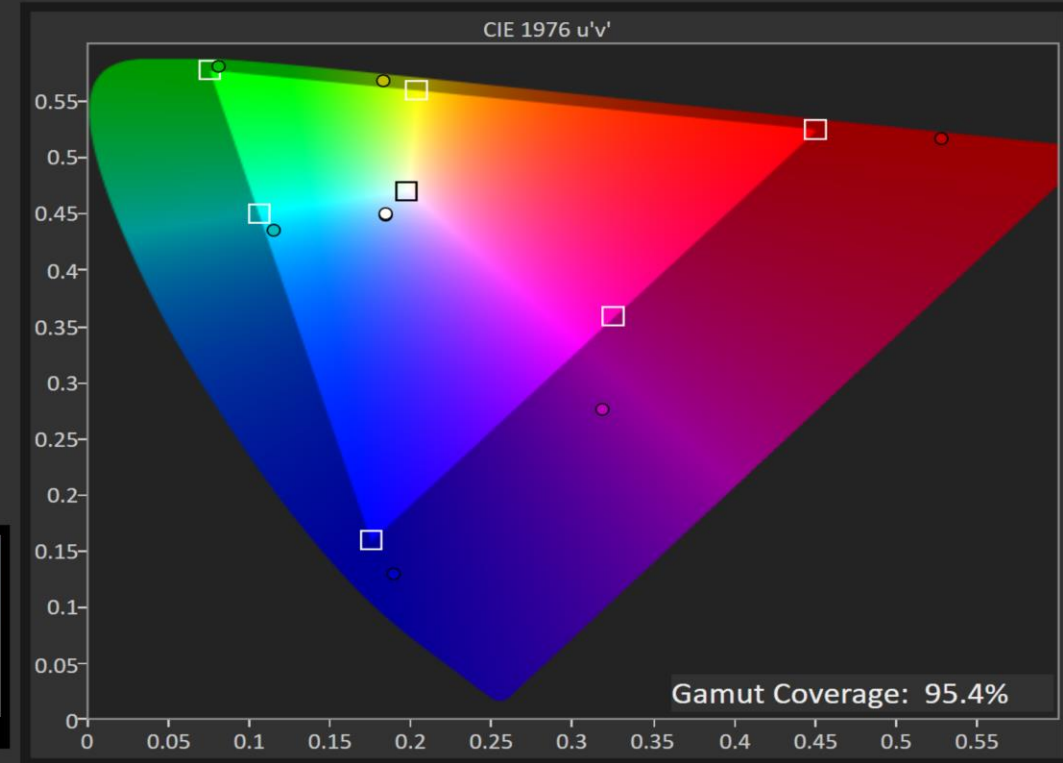
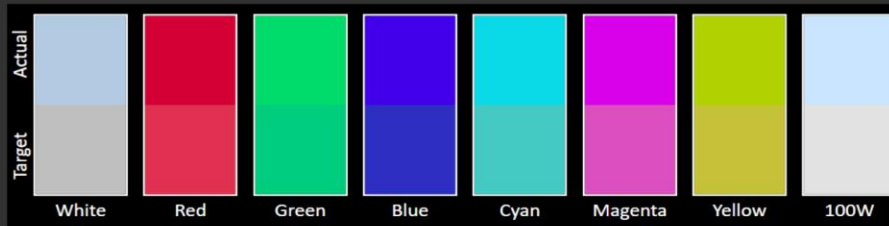
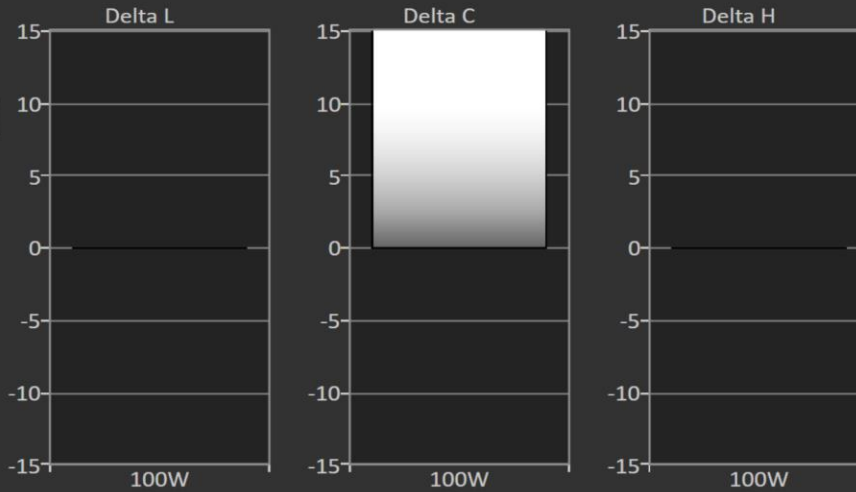
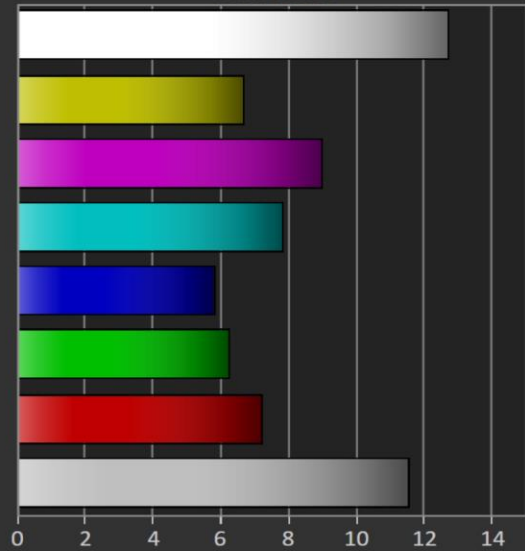
History 1

11 Display Pro/Calibrite ColorChecker Display Plus (Retail) | Source | CalMAN Client 3 Display Profiler | M27P20P 66 Standard

Color Gamut

dE Formula: 2000

DeltaE 2000

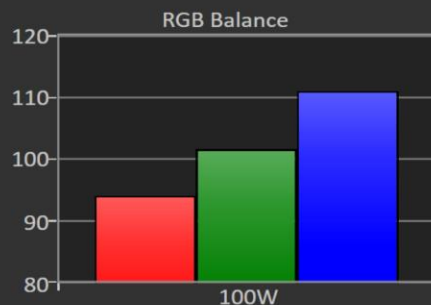


Current Reading

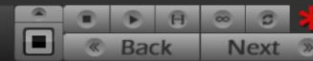
x: 0.2798 y: 0.3016

fL: 118.89

cd/m²: 407.35



	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.2793	0.6862	0.2280	0.1534	0.1813	0.3018	0.4066	0.2798
y: CIE31	0.3005	0.2978	0.7202	0.0461	0.3006	0.1155	0.5580	0.3016
Y	234.2435	44.4056	169.2049	17.8983	187.8410	62.2827	214.8969	407.35
Target Y	212.2258	63.1076	133.1408	15.9774	149.1182	79.0850	196.2484	407.35
ΔE 2000	11.5295	7.2515	6.2231	5.8449	7.8437	8.9773	6.6720	12.5
ΔE JTD	21.6000	50.1011	22.0057	20.6000	20.5055	25.7077	22.7071	20.0



Color Space: Default Settings

KTC M27P20P – Rec. 2020

Portrait Display Calman Ultimate | Target: 80 %



Calman 2022 Calman Ultimate for Business 151 Days Remaining - Analysis/SDR Toolkit



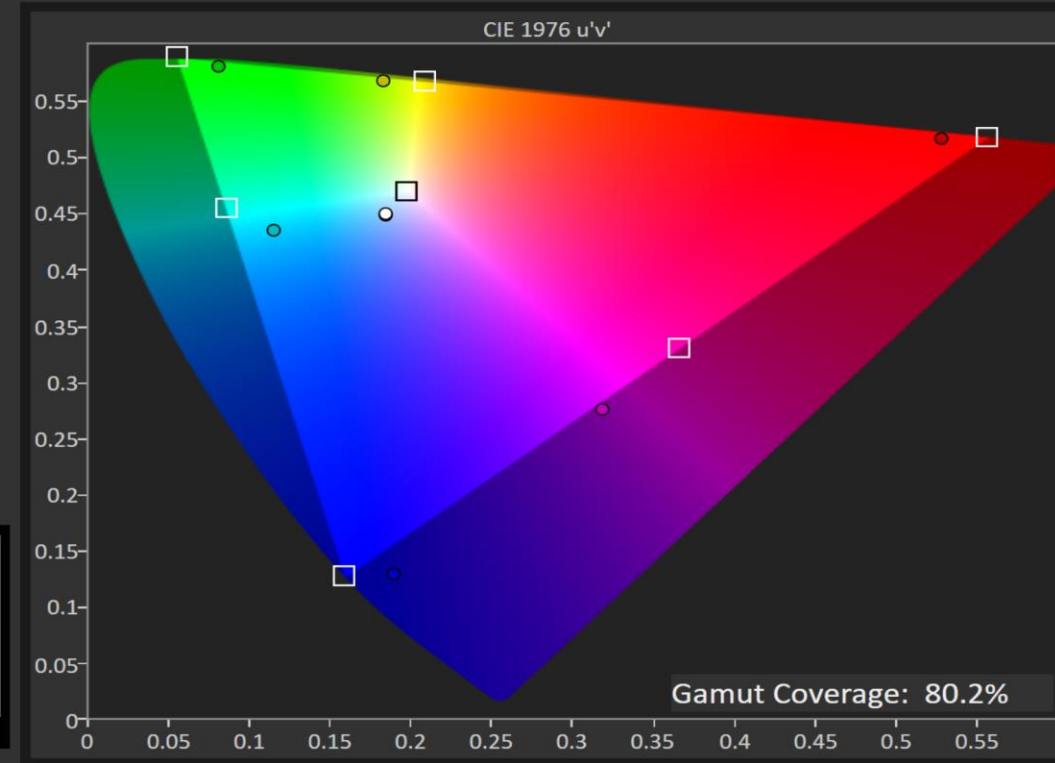
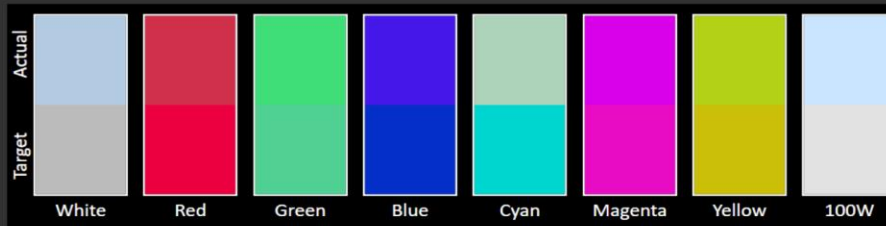
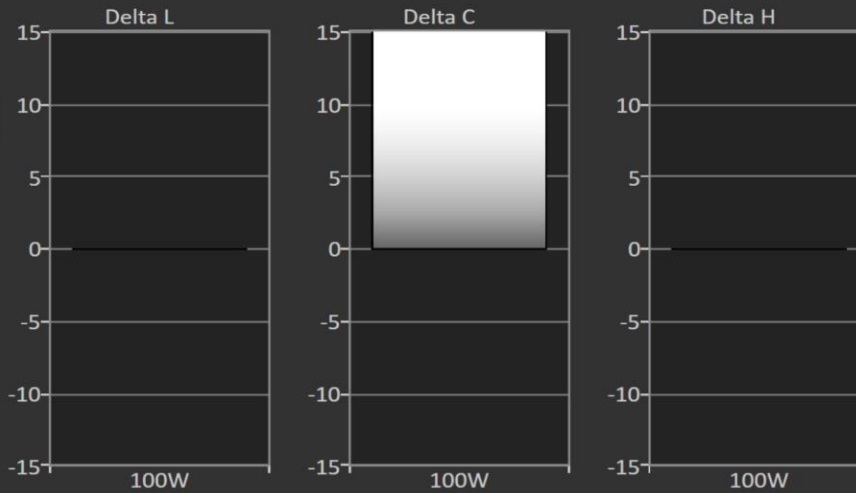
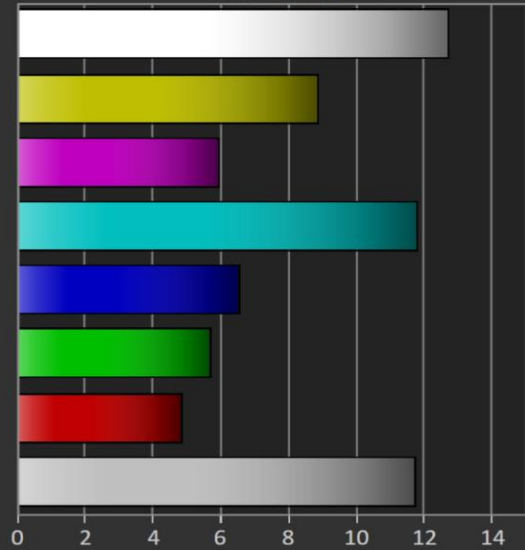
History 1

11 Display Pro/Calibrite ColorChecker Display Plus (Retail) Source CalMAN Client 3 Display Profiler M27P20P 66 Standard

Color Gamut

dE Formula: 2000

DeltaE 2000

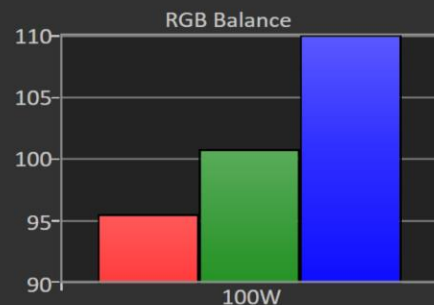


Current Reading

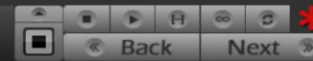
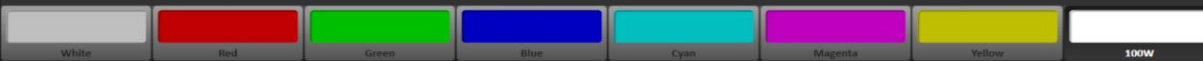
x: 0.2798 y: 0.3016

fL: 118.89

cd/m²: 407.35



	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.2793	0.6862	0.2280	0.1534	0.1813	0.3018	0.4066	0.3343
y: CIE31	0.3005	0.2978	0.7202	0.0461	0.3006	0.1155	0.5580	0.3441
Y	234.2435	44.4056	169.2049	17.8983	187.8410	62.2827	214.8969	40.0300
Target Y	203.5863	53.4844	138.0299	12.0720	150.1019	65.5564	191.5143	40.0300
ΔE 2000	11.7388	4.8463	5.7015	6.5391	11.8023	5.9583	8.8540	12.1400
ΔE ITD	22.2275	22.2245	27.2246	65.5388	22.4276	46.5384	24.4242	22.2275



Color Space: OSD sRGB Mode

KTC M27P20P – sRGB

Portrait Display Calman Ultimate | Target: 99 %

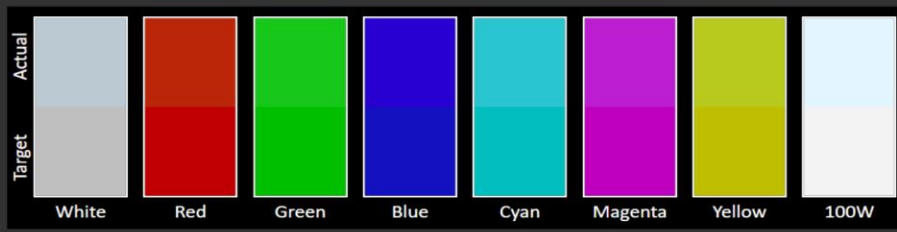
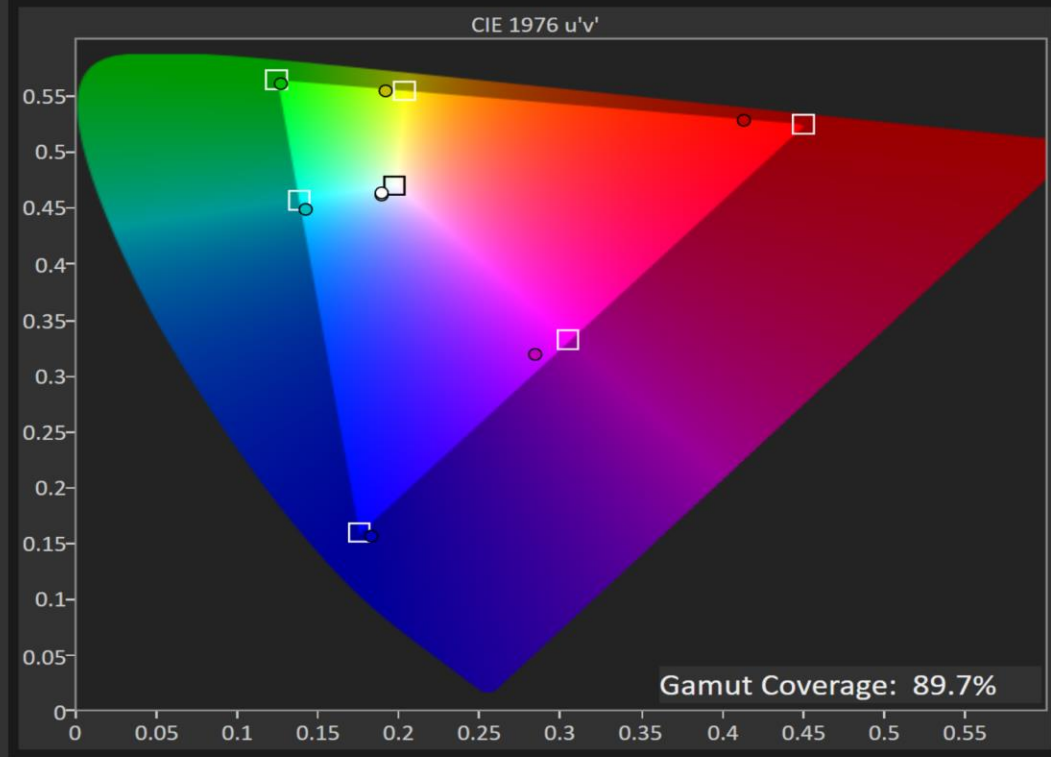
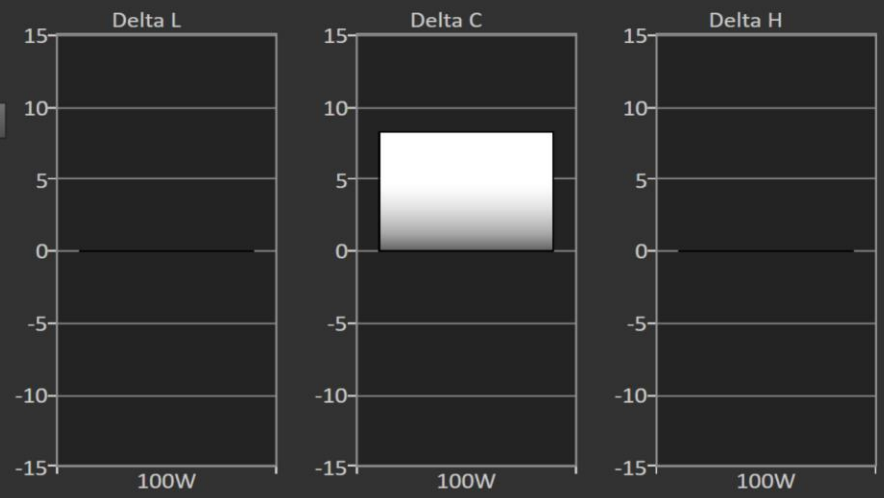
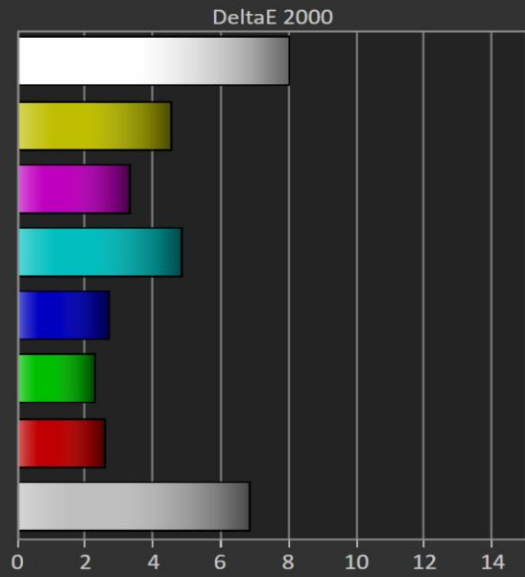


Calman 2022 Calman Ultimate for Business 151 Days Remaining - Analysis/SDR Toolkit

calman | History 1 | i1 Display Pro/Calibrite ColorChecker Display Plus (Retail) | Source | CalMAN Client 3 Display Profiler | LCD LED (Quantum Dot) | M27P20P 66 Standard

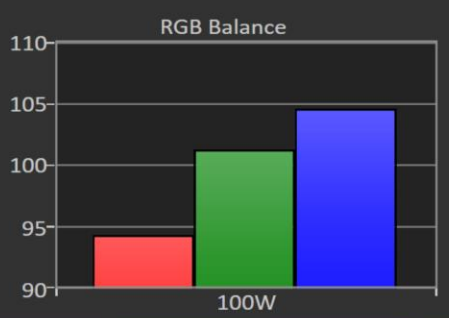
Color Gamut

dE Formula: 2000



Current Reading

x: 0.2954 y: 0.3197
fL: 158.47
cd/m²: 542.96



	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.2955	0.6127	0.2999	0.1549	0.2239	0.2960	0.4003	0.3197
y: CIE31	0.3176	0.3459	0.5881	0.0584	0.3118	0.1469	0.5108	0.2954
Y	308.3900	64.8101	224.1235	24.4425	248.0656	89.1338	284.9382	542.96
Target Y	282.8803	60.1562	202.3043	20.4199	222.7241	80.5761	262.4604	542.96
ΔE 2000	6.8353	2.6064	2.3126	2.6915	4.8760	3.3489	4.5459	7.91
ΔE JTD	12.2222	27.6712	2.0027	16.7700	12.4026	22.0064	12.2707	14.29



Navigation controls: Back, Next, and other icons.

Color Space: OSD P3 Mode

KTC M27P20P – DCI-P3

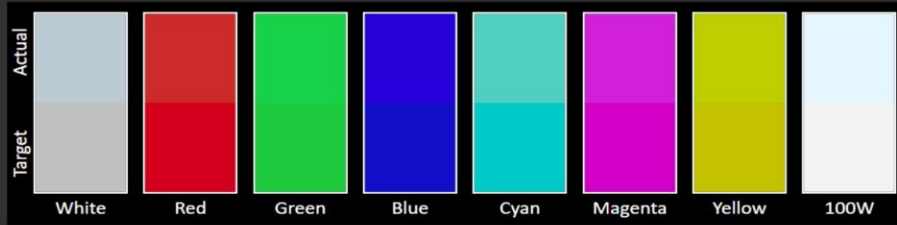
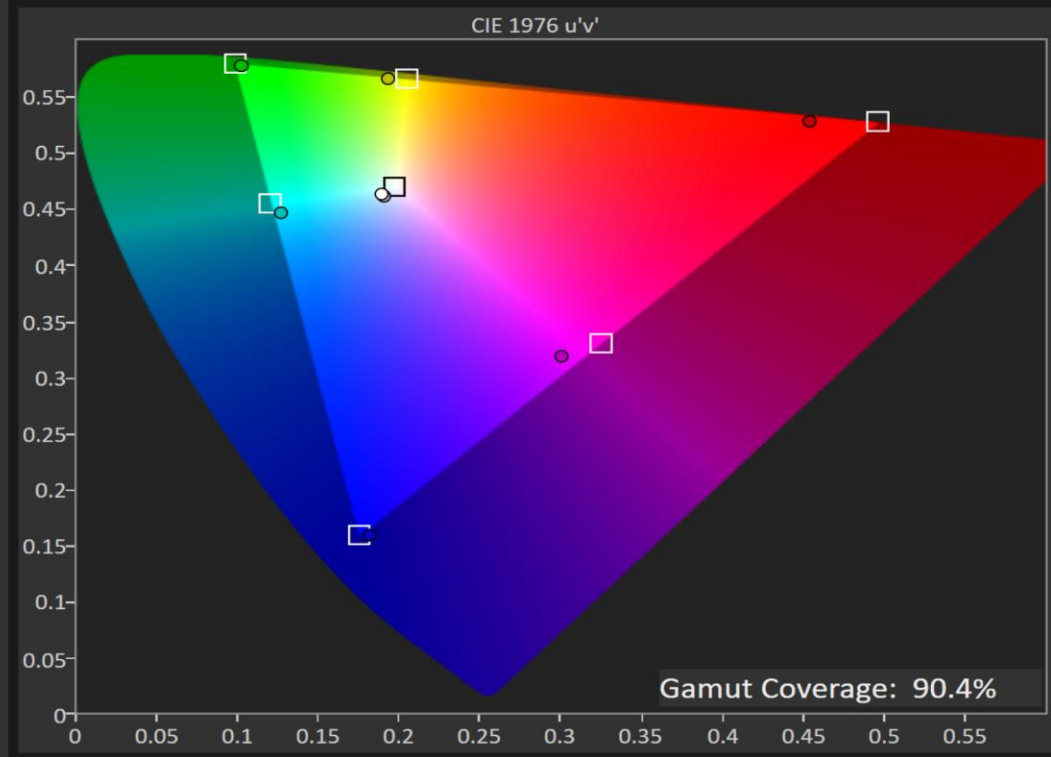
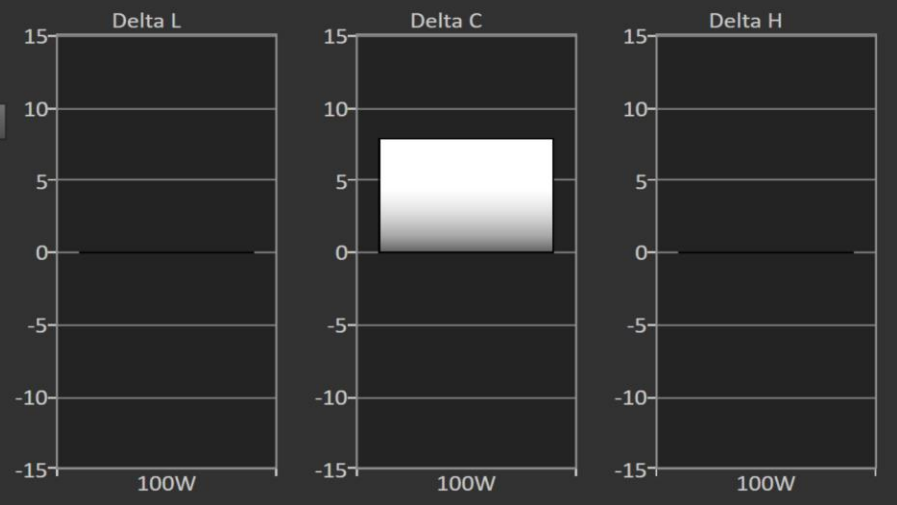
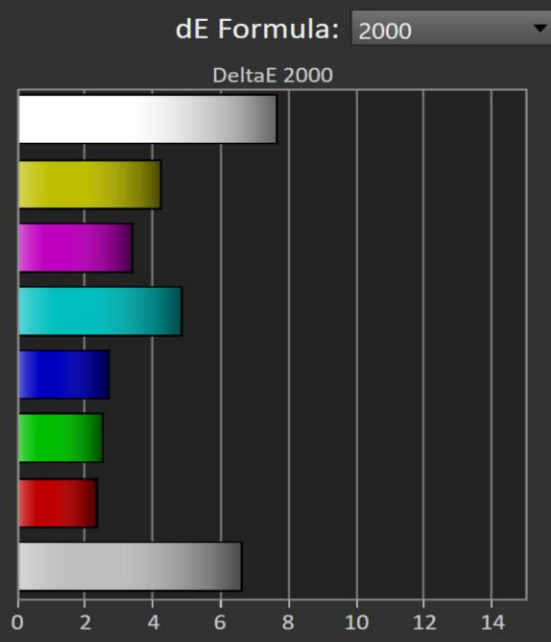
Portrait Display Calman Ultimate | Target: 99 %



Calman 2022 Calman Ultimate for Business 151 Days Remaining - Analysis/SDR Toolkit

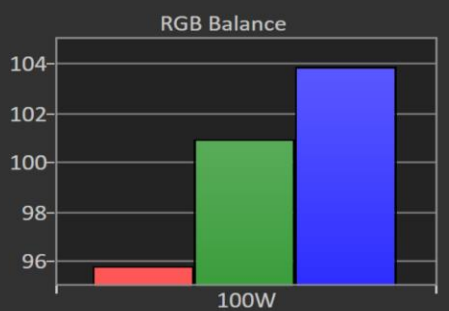
calman History 1 i1 Display Pro/Calibrite ColorChecker Display Plus (Retail) Source CalMAN Client 3 Display Profiler LCD LED (Quantum Dot) M27P20P 66 Standard

Color Gamut



Current Reading

x: 0.2963 y: 0.3201
fL: 159.55
cd/m²: 546.66



	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.2964	0.6485	0.2735	0.1550	0.2031	0.3097	0.4207	0.3309
y: CIE31	0.3181	0.3344	0.6797	0.0595	0.3140	0.1449	0.5459	0.3556
Y	314.3294	70.5268	219.9945	27.5780	247.0249	97.2151	287.4768	54.0112
Target Y	284.8049	65.2172	197.0083	22.5794	219.5877	87.7966	262.2255	54.0112
ΔE 2000	6.6301	2.3656	2.5238	2.7330	4.8327	3.3635	4.2240	7.9101
ΔE ITD	10.4002	2.3656	2.5238	2.7330	4.8327	3.3635	4.2240	14.0112



Navigation buttons: Back, Next, and other controls.

Color Space: OSD Adobe RGB Mode

KTC M27P20P – Adobe RGB

Portrait Display Calman Ultimate | Target: 99 %

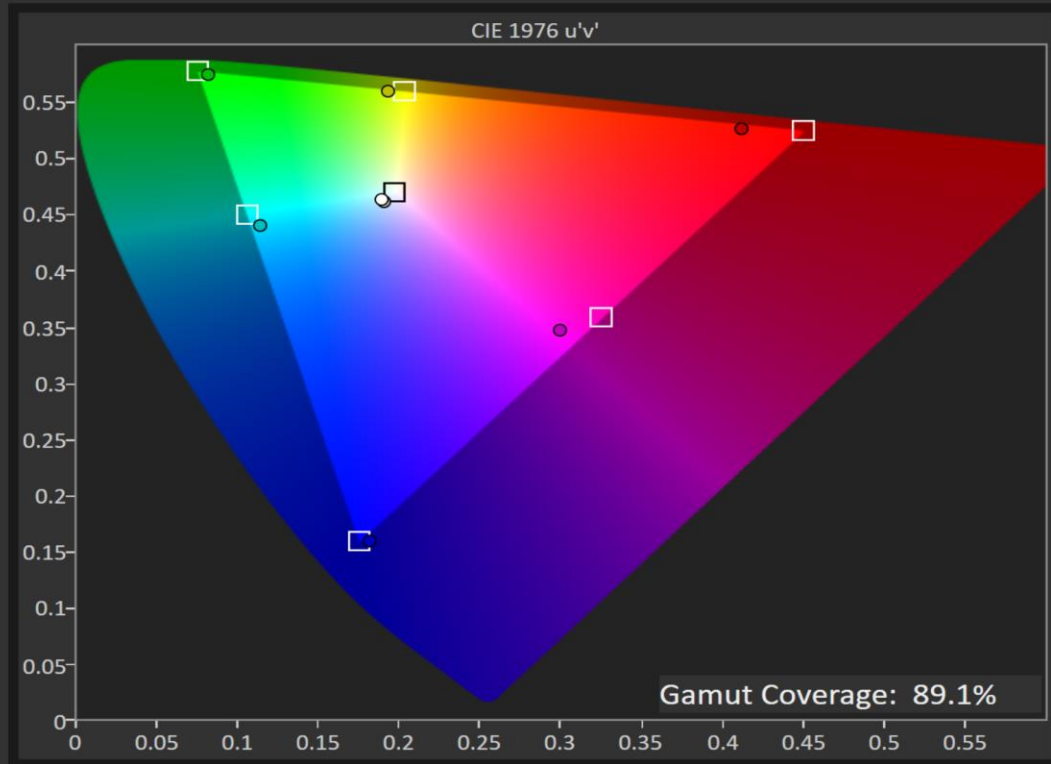
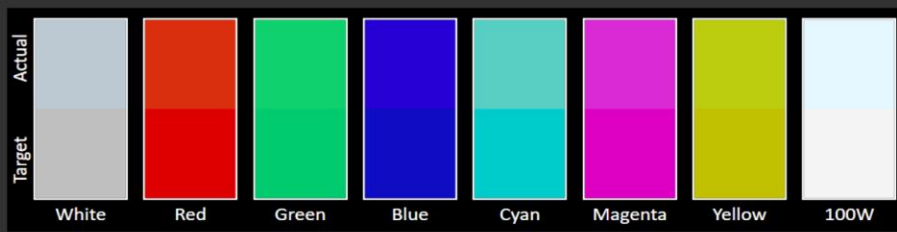
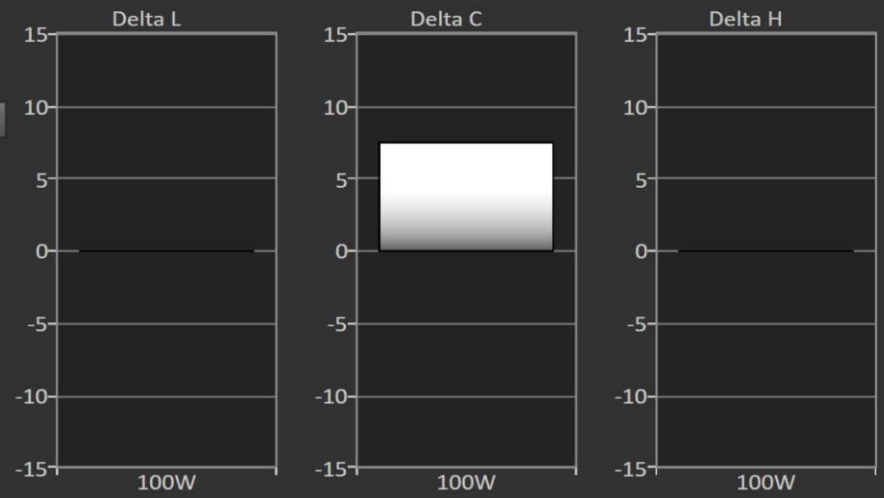
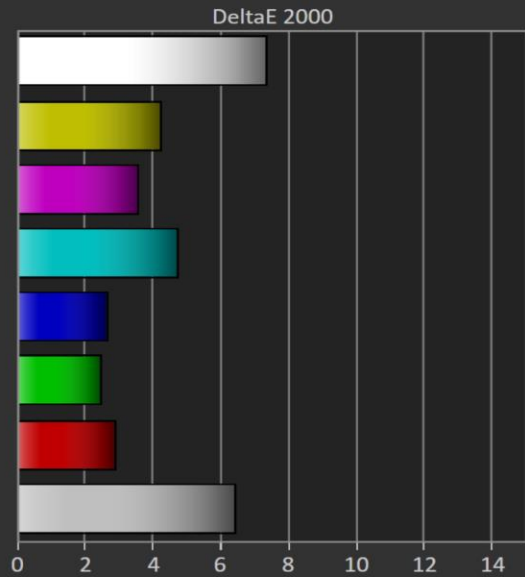


Calman 2022 Calman Ultimate for Business 151 Days Remaining - Analysis/SDR Toolkit

calman | History 1 | I1 Display Pro/Calibrite ColorChecker Display Plus (Retail) | Source | CalMAN Client 3 Display Profiler | M27P20P 66 Standard

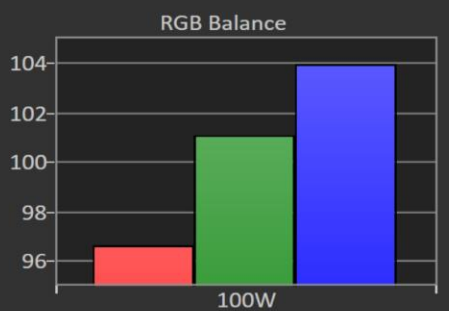
Color Gamut

dE Formula: 2000



Current Reading

x: 0.297 y: 0.3206
fL: 160.3
cd/m²: 549.23



	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.2970	0.6108	0.2228	0.1551	0.1812	0.3264	0.4106	0.3127
y: CIE31	0.3187	0.3462	0.6898	0.0597	0.3101	0.1668	0.5261	0.3441
Y	314.7838	92.0490	200.0388	26.3071	225.1527	117.5955	290.1295	59.4421
Target Y	286.1461	85.0886	179.5151	21.5424	201.0575	106.6310	264.6037	59.4421
ΔE 2000	6.4401	2.9017	2.4779	2.6412	4.7139	3.5529	4.2091	7.0000
ΔE ITD	11.0050	30.0000	10.1400	17.1000	11.0000	20.0000	11.5000	20.0000

White Red Green Blue Cyan Magenta Yellow 100W

Back Next

Gray Scale: Default Settings

KTC M27P20P – sRGB

Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0 | CCT 6500K | Gamma 2.2



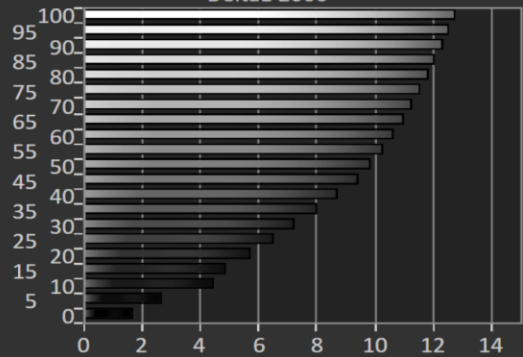
Calman 2022 Calman Ultimate for Business 151 Days Remaining - Analysis/SDR Toolkit

calman | History 1 | Display Pro/Calibrite ColorChecker Display Plus (Retail) | Source | LCD LED (Quantum Dot) | CalMAN Client 3 Display Profiler | M27P20P 66 Standard

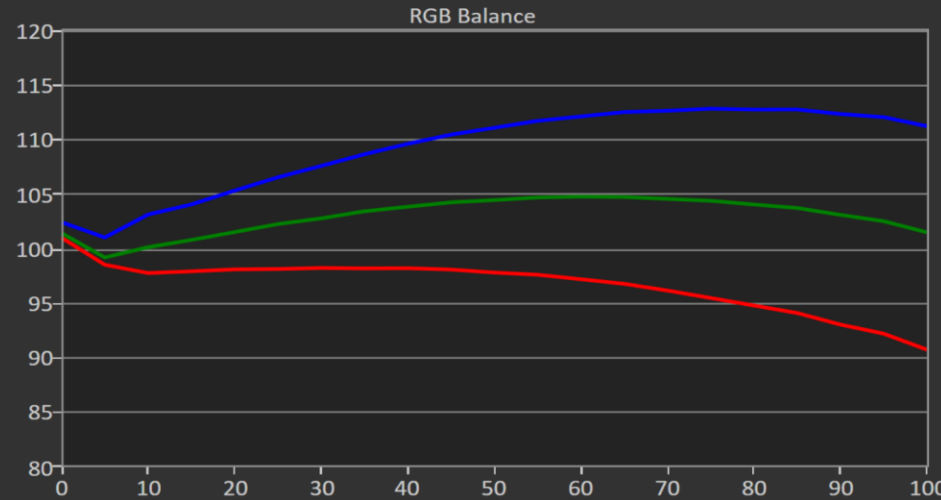
Grayscale - Multi

dE Formula: 2000

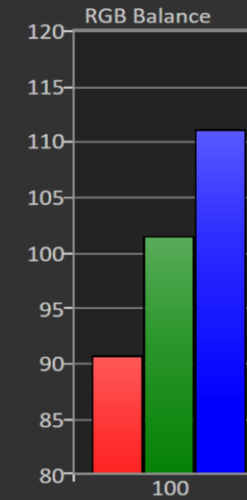
DeltaE 2000



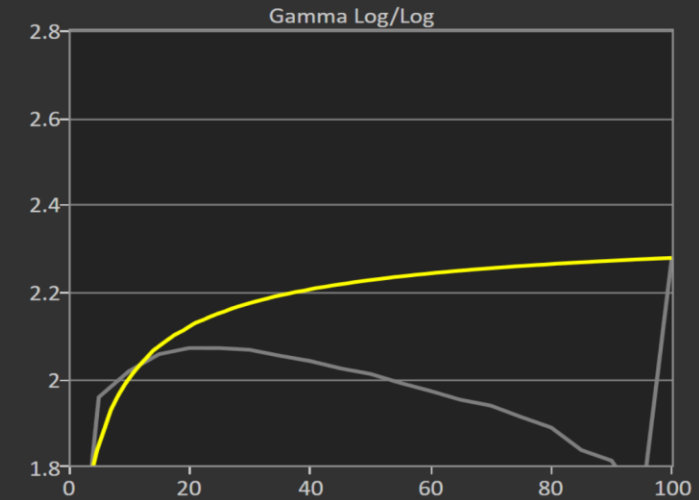
Avg dE2000: 9.2



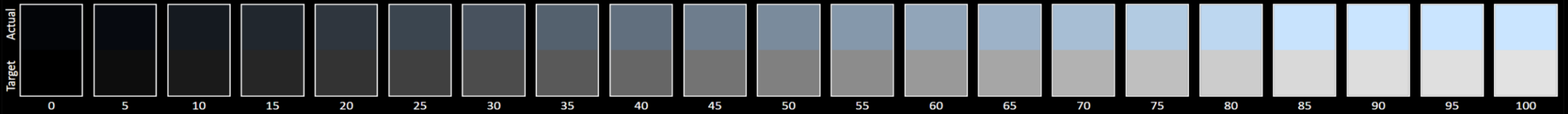
Avg CCT: 9807



Contrast Ratio: 721

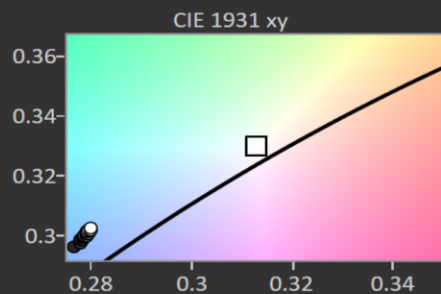


Average Gamma: 1.966



Current Reading

x: 0.2797 y: 0.3017
u': 0.1846 v': 0.448
cd/m²: 406.5754
ΔE 2000: 12.76



	0	5	10	15	20	25	30	35	40	45	50	55	60	65
x: CIE31	0.2534	0.2628	0.2731	0.2768	0.2777	0.2779	0.2783	0.2783	0.2787	0.2788	0.2789	0.2790	0.2792	0.2792
y: CIE31	0.2616	0.2698	0.2905	0.2956	0.2968	0.2979	0.2981	0.2990	0.2989	0.2993	0.2996	0.2997	0.3002	0.3002
Y	0.5642	1.2048	4.0791	8.1421	14.5688	23.3060	33.4119	46.9537	62.7848	81.2423	101.7776	123.3953	148.6213	176.0000
Target Y	0.0000	1.6364	4.1999	7.8804	13.4596	20.8449	29.3840	40.6164	54.0210	69.7037	87.7636	106.6247	129.5133	155.0000
Gamma Log/Log	1.2778	1.9559	2.0156	2.0543	2.0684	2.0682	2.0643	2.0507	2.0387	2.0222	2.0094	1.9886	1.9701	1.9400
CCT	16961.0000	13844.0000	10580.0000	9920.0000	9771.0000	9703.0000	9657.0000	9615.0000	9584.0000	9559.0000	9533.0000	9517.0000	9480.0000	9470.0000
ΔE 2000	1.6429	2.6615	4.4328	4.8900	5.6831	6.4872	7.1984	7.9729	8.6994	9.3905	9.8376	10.2422	10.5764	10.9000
ΔE ITP	90.4015	20.2890	16.0043	16.1886	17.6433	19.2238	20.2250	21.3442	21.8942	22.3623	22.4582	22.6044	22.4447	22.2000

Gray Scale: OSD sRGB Mode

KTC M27P20P – sRGB

Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0 | CCT 6500K | Gamma 2.2



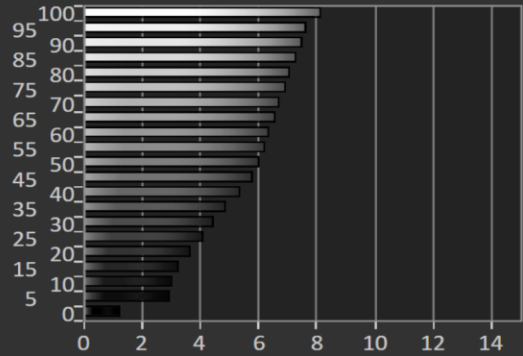
Calman 2022 Calman Ultimate for Business 151 Days Remaining - Analysis/SDR Toolkit

calman | History 1 | Display Pro/Calibrite ColorChecker Display Plus (Retail) | Source | CalMAN Client 3 Display Profiler | LCD LED (Quantum Dot) | M27P20P 66 Standard

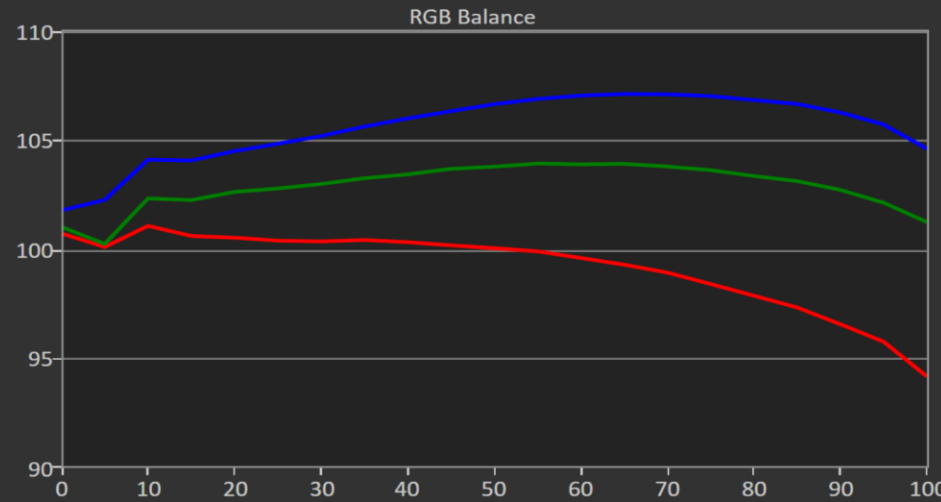
Grayscale - Multi

dE Formula: 2000

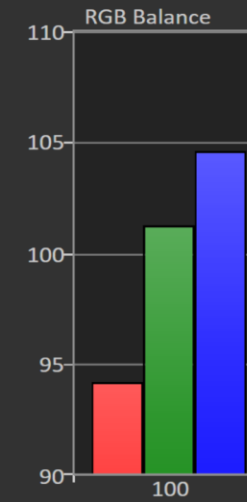
DeltaE 2000



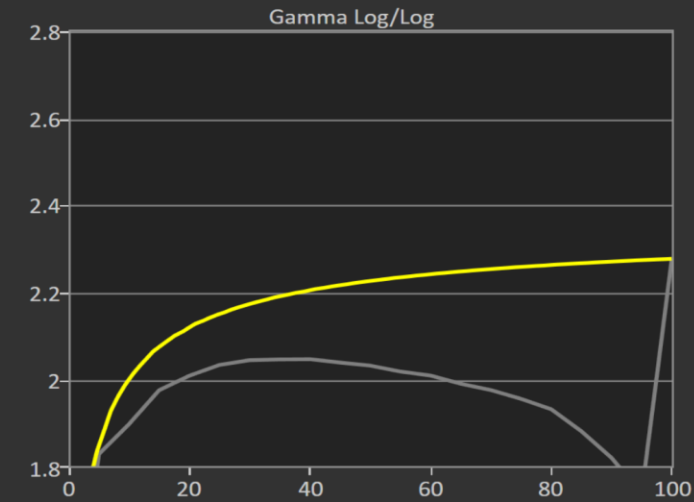
Avg dE2000: 5.7



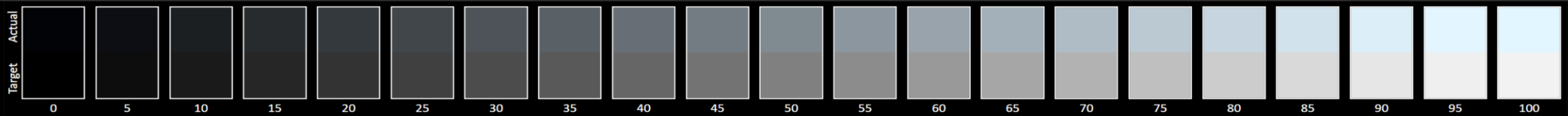
Avg CCT: 7900



Contrast Ratio: 953

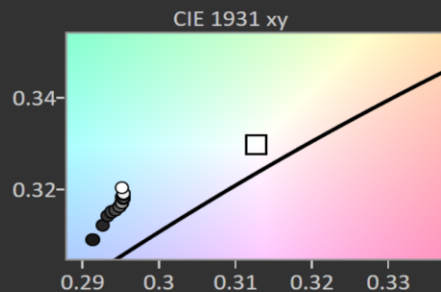


Average Gamma: 1.96



Current Reading

x: 0.2952 y: 0.3195
u': 0.1891 v': 0.4606
cd/m²: 541.7245
ΔE 2000: 8.09



	0	5	10	15	20	25	30	35	40	45	50	55	60	65
x: CIE31	0.2543	0.2823	0.2915	0.2926	0.2933	0.2938	0.2943	0.2949	0.2950	0.2950	0.2951	0.2952	0.2952	0.295
y: CIE31	0.2611	0.2821	0.3081	0.3113	0.3136	0.3144	0.3150	0.3155	0.3156	0.3163	0.3162	0.3166	0.3166	0.317
Y	0.5685	2.3553	7.1447	12.6463	21.4307	32.6581	45.7033	62.9926	83.1943	106.9730	133.6882	161.6794	194.2913	230.6
Target Y	0.0000	2.1803	5.5959	10.4999	17.9337	27.7739	39.1514	54.1176	71.9780	92.8738	116.9369	142.0676	172.5646	206.5
Gamma Log/Log	1.2778	1.8271	1.8958	1.9738	2.0069	2.0318	2.0426	2.0442	2.0371	2.0302	2.0165	2.0073	1.988	
CCT	16864.0000	10069.0000	8191.0000	8029.0000	7927.0000	7874.0000	7828.0000	7777.0000	7767.0000	7751.0000	7748.0000	7732.0000	7735.0000	7718.
ΔE 2000	1.2554	2.9327	3.0216	3.2220	3.6607	4.0667	4.4444	4.8597	5.3228	5.8051	6.0155	6.1976	6.3706	6.552
ΔE ITP	90.6263	13.2348	16.0229	14.3761	14.7278	14.4656	14.4088	14.4470	14.3655	14.4186	14.2088	14.0775	13.6922	13.35

Gray Scale: OSD P3 Mode

KTC M27P20P – DCI-P3

Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0 | CCT 6500K | Gamma 2.2



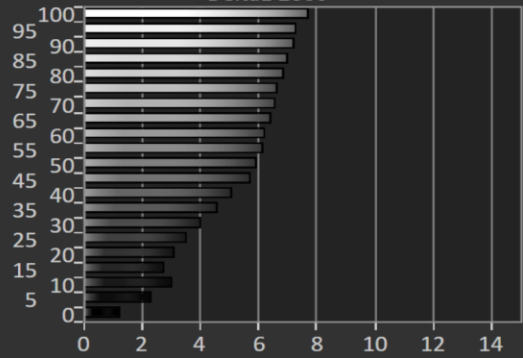
Calman 2022 Calman Ultimate for Business 151 Days Remaining - Analysis/SDR Toolkit

calman | History 1 | Display Pro/Calibrite ColorChecker Display Plus (Retail) | Source | CalMAN Client 3 Display Profiler | LCD LED (Quantum Dot) | M27P20P 66 Standard

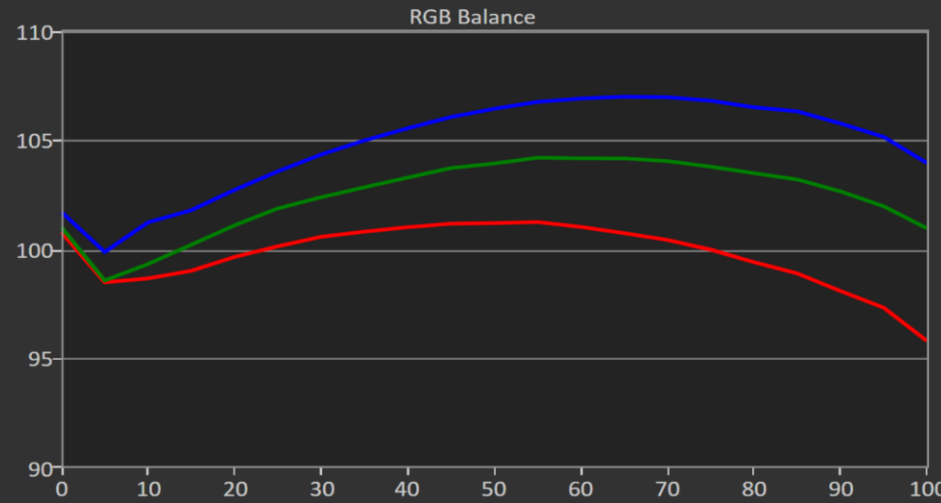
Grayscale - Multi

dE Formula: 2000

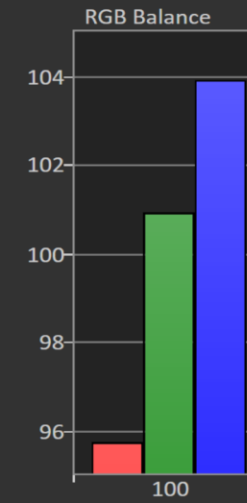
DeltaE 2000



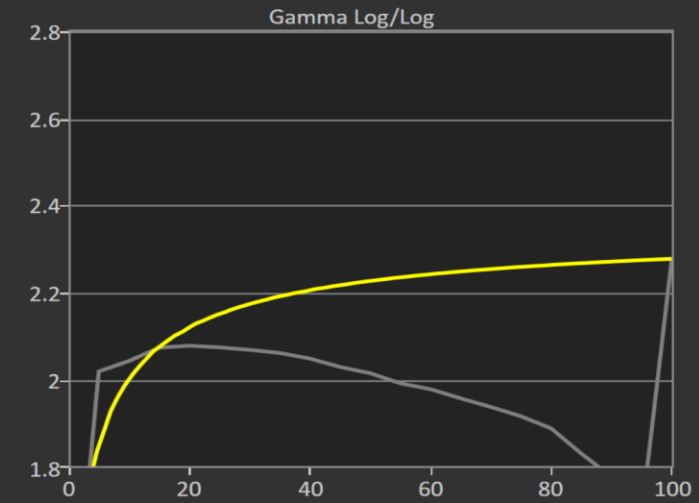
Avg dE2000: 5.4



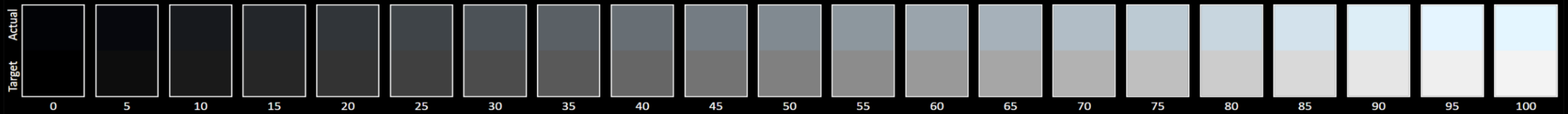
Avg CCT: 7913



Contrast Ratio: 957

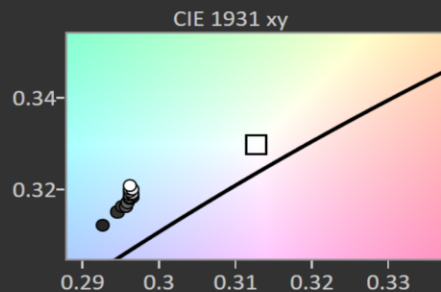


Average Gamma: 1.97



Current Reading

x: 0.2963 y: 0.3201
u': 0.1897 v': 0.461
cd/m²: 546.2519
ΔE 2000: 7.66



	0	5	10	15	20	25	30	35	40	45	50	55	60	65
x: CIE31	0.2547	0.2756	0.2902	0.2928	0.2945	0.2952	0.2957	0.2958	0.2960	0.2962	0.2963	0.2965	0.2964	0.296
y: CIE31	0.2611	0.2723	0.3023	0.3113	0.3142	0.3158	0.3155	0.3158	0.3164	0.3170	0.3171	0.3176	0.3175	0.317
Y	0.5706	1.3493	5.1743	10.5976	19.3442	31.1623	44.7923	62.5363	83.7861	108.7174	136.4239	165.6842	199.0516	235.9
Target Y	0.0000	2.1985	5.6427	10.5877	18.0835	28.0060	39.4786	54.5699	72.5796	93.6500	117.9142	143.2549	174.0068	208.3
Gamma Log/Log	1.2778	2.0171	2.0408	2.0710	2.0757	2.0717	2.0661	2.0590	2.0461	2.0272	2.0128	1.9896	1.9762	1.955
CCT	16794.0000	11616.0000	8450.0000	8012.0000	7828.0000	7752.0000	7720.0000	7707.0000	7681.0000	7660.0000	7652.0000	7629.0000	7636.0000	7638.
ΔE 2000	1.2494	2.2723	2.9910	2.7516	3.0524	3.5418	4.0020	4.5464	5.1005	5.6743	5.9087	6.1002	6.2386	6.430
ΔE ITP	90.7301	23.9551	10.4541	9.0174	9.8482	11.4432	12.5016	13.3070	13.8987	14.3979	14.3826	14.4402	14.0036	13.63

Gray Scale: OSD Adobe RGB Mode

KTC M27P20P – Adobe RGB

Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0 | CCT 6500K | Gamma 2.2

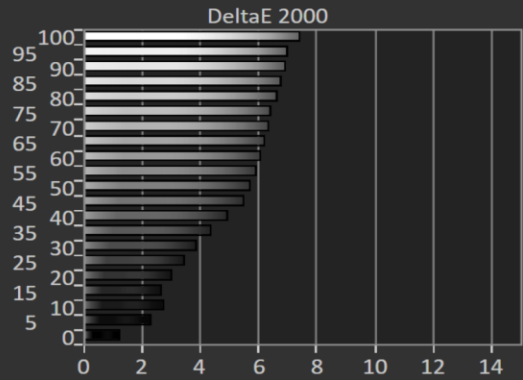


Calman 2022 Calman Ultimate for Business 151 Days Remaining - Analysis/SDR Toolkit

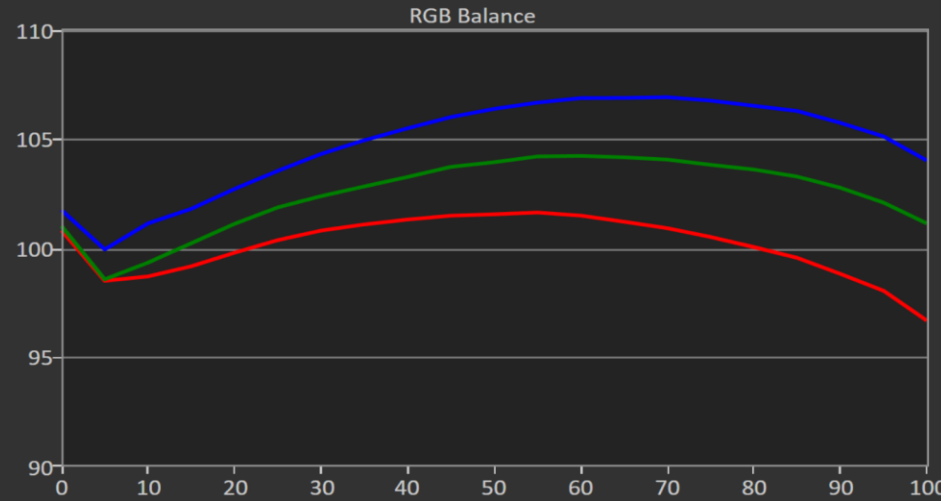
calman | History 1 | i1 Display Pro/Calibrite ColorChecker Display Plus (Retail) | Source | CalMAN Client 3 Display Profiler | M27P20P 66 Standard

Grayscale - Multi

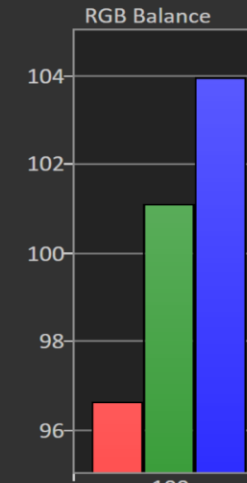
dE Formula: 2000



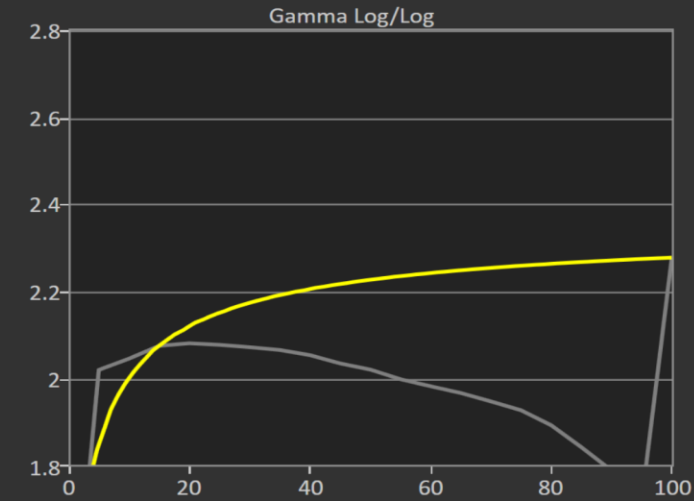
Avg dE2000: 5.2



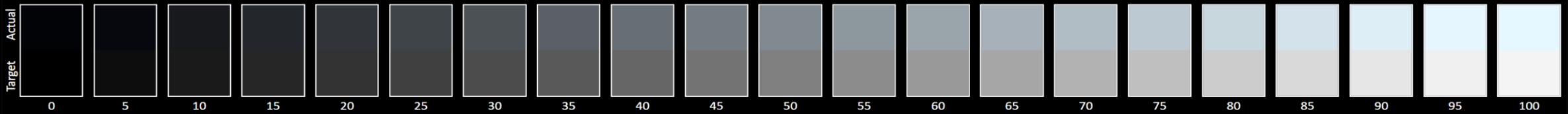
Avg CCT: 7856



Contrast Ratio: 958

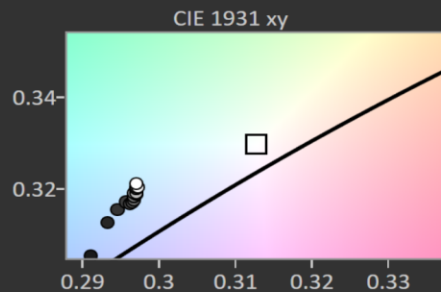


Average Gamma: 1.977



Current Reading

x: 0.297 y: 0.3205
u': 0.19 v': 0.4614
cd/m²: 549.0489
ΔE 2000: 7.41



	0	5	10	15	20	25	30	35	40	45	50	55	60	65
x: CIE31	0.2549	0.2760	0.2912	0.2933	0.2947	0.2958	0.2963	0.2965	0.2967	0.2967	0.2968	0.2971	0.2970	0.297
y: CIE31	0.2608	0.2724	0.3047	0.3120	0.3148	0.3163	0.3160	0.3163	0.3169	0.3176	0.3177	0.3183	0.3182	0.318
Y	0.5729	1.3542	5.1736	10.6198	19.3595	31.1877	44.8399	62.5936	83.8243	108.8119	136.5980	165.8672	199.6728	236.2
Target Y	0.0000	2.2098	5.6716	10.6419	18.1761	28.1494	39.6808	54.8493	72.9512	94.1296	118.5180	143.9884	174.8978	209.3
Gamma Log/Log	1.2778	2.0176	2.0430	2.0726	2.0784	2.0748	2.0694	2.0630	2.0512	2.0325	2.0184	1.9963	1.9801	1.964
CCT	16813.0000	11550.0000	8301.0000	7962.0000	7802.0000	7696.0000	7670.0000	7648.0000	7626.0000	7613.0000	7602.0000	7574.0000	7580.0000	7575.
ΔE 2000	1.2523	2.2705	2.7483	2.6751	3.0020	3.4099	3.8689	4.3726	4.9108	5.5072	5.7270	5.8990	6.0481	6.178
ΔE ITP	90.8632	23.9738	10.0927	8.7826	9.6401	10.9967	12.0841	12.8205	13.3939	13.9626	13.9405	13.9629	13.6228	13.09

Saturation: Default Settings

KTC M27P20P – sRGB

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



Calman 2022 Calman Ultimate for Business 151 Days Remaining - Analysis/SDR Toolkit

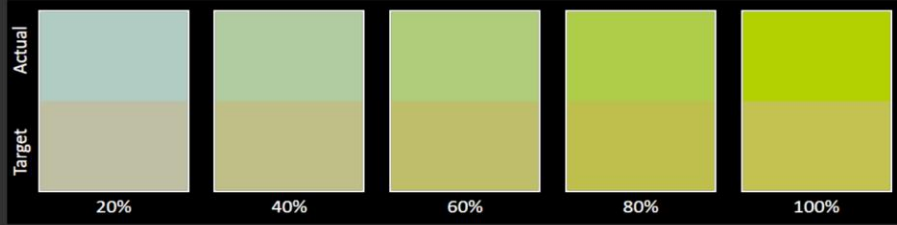
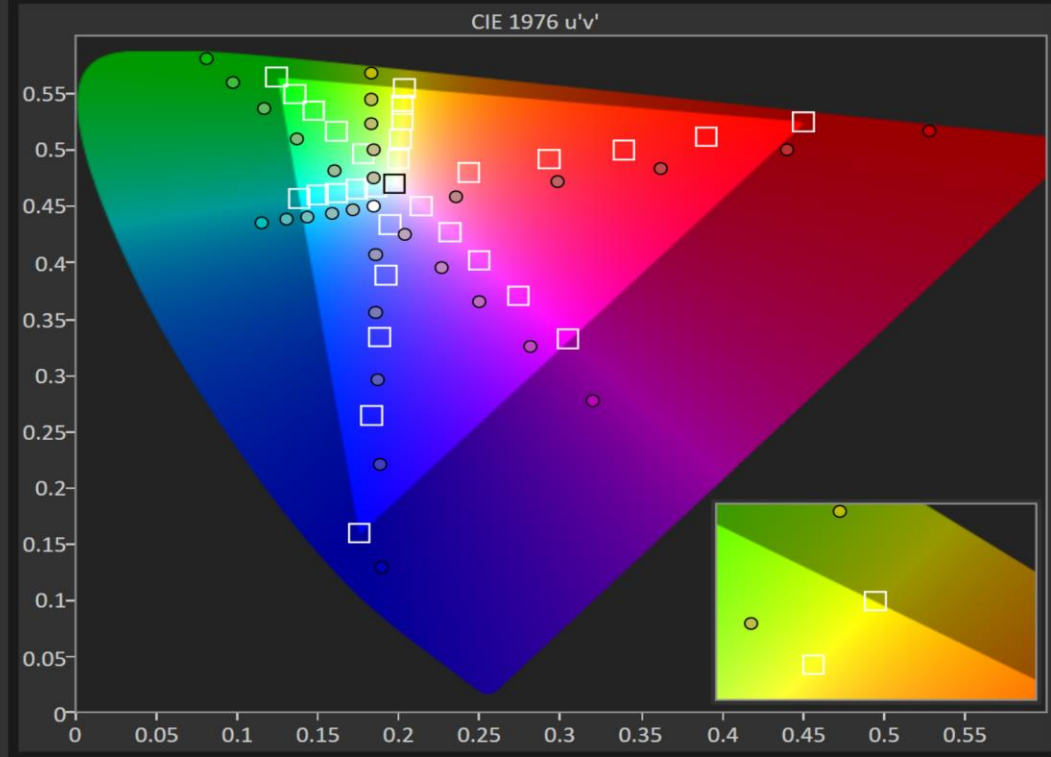
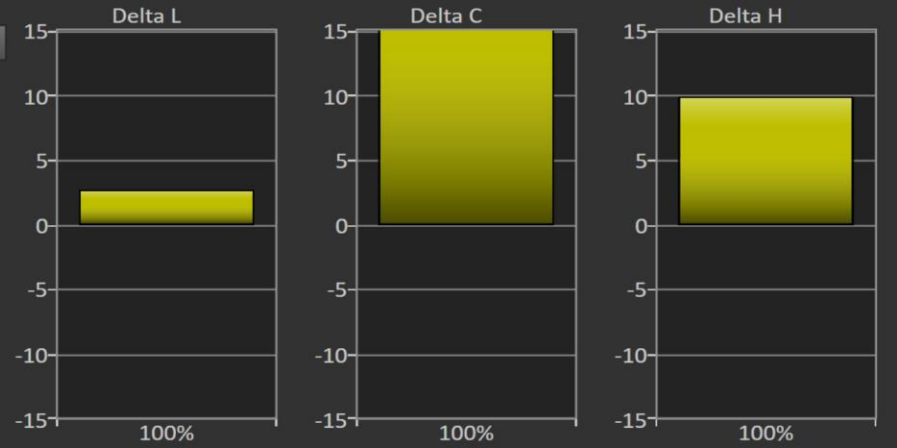
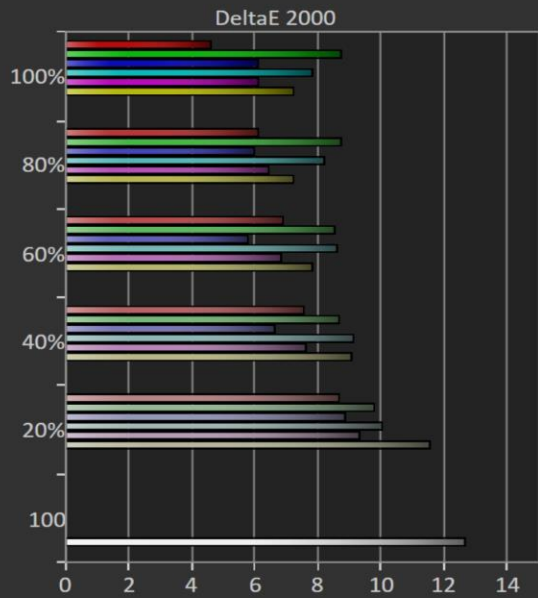
calman

Display Pro/Calibrite ColorChecker Display Plus (Retail) | Source | CalMAN Client 3 Display Profiler M27P20P i66 Standard

Saturation Sweeps

Levels: 20% Sweeps

dE Formula: 2000



Avg dE2000: 7.98

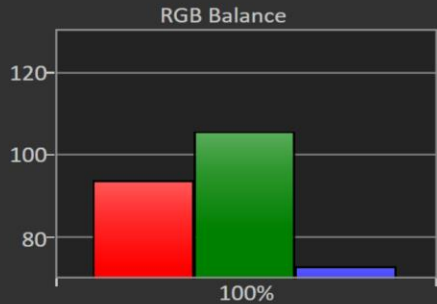
Max dE2000: 12.69

Current Reading

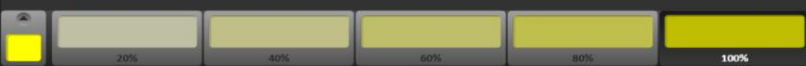
x: 0.4069 y: 0.5578

fL: 62.92

cd/m²: 215.59



	20%	40%	60%	80%	100%
x: CIE31	0.2996	0.3226	0.3477	0.3745	0.4069
y: CIE31	0.3409	0.3875	0.4382	0.4921	0.5578
Y	229.9463	225.3837	221.9758	219.0816	215.5902
Target x:CIE31	0.3344	0.3564	0.3773	0.3969	0.4193
Target y:CIE31	0.3648	0.4013	0.4358	0.4682	0.5053
Target Y	208.2832	204.6272	201.8181	199.6135	197.4822
ΔE 2000	11.5352	9.0488	7.7950	7.2379	7.2218
ΔE ITP	21.3914	20.0831	17.9353	17.7107	31.8067



Saturation: OSD sRGB Mode

KTC M27P20P – sRGB

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



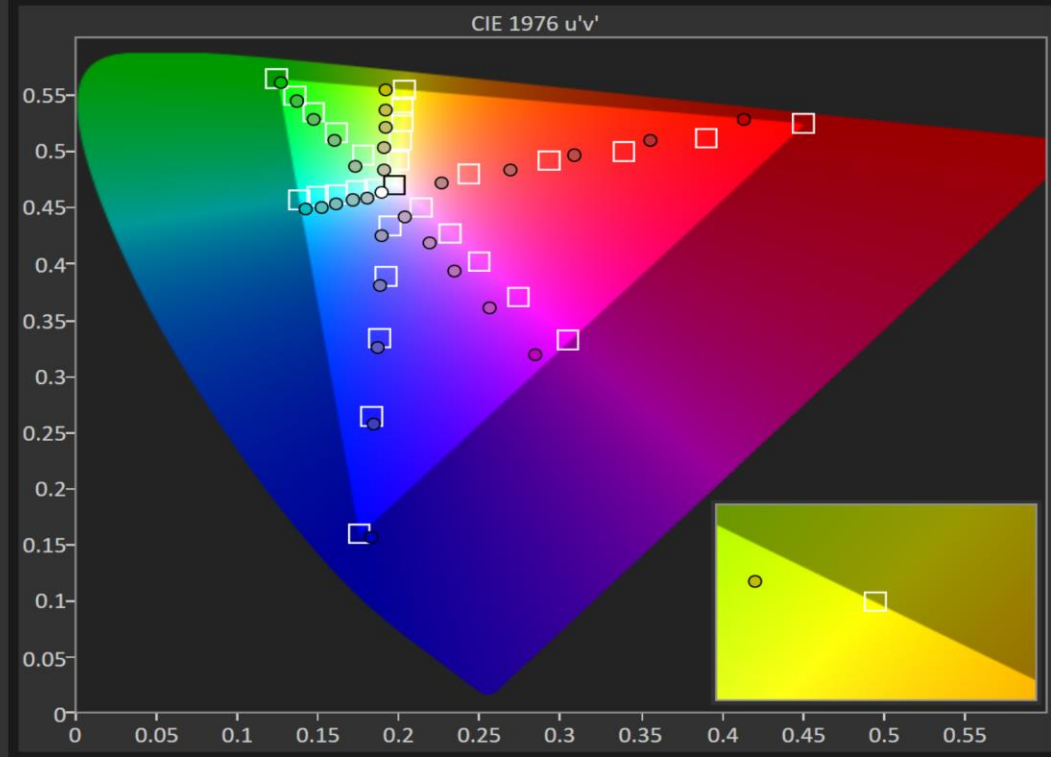
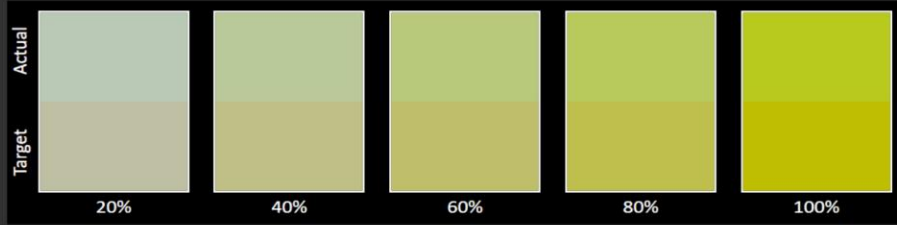
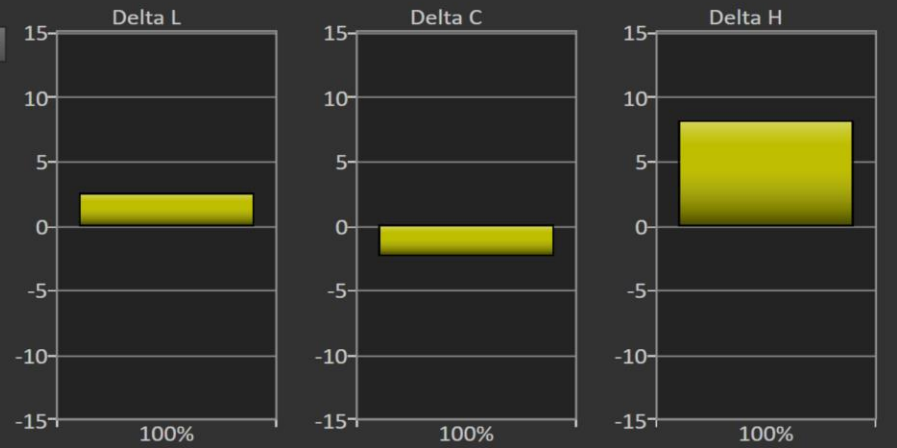
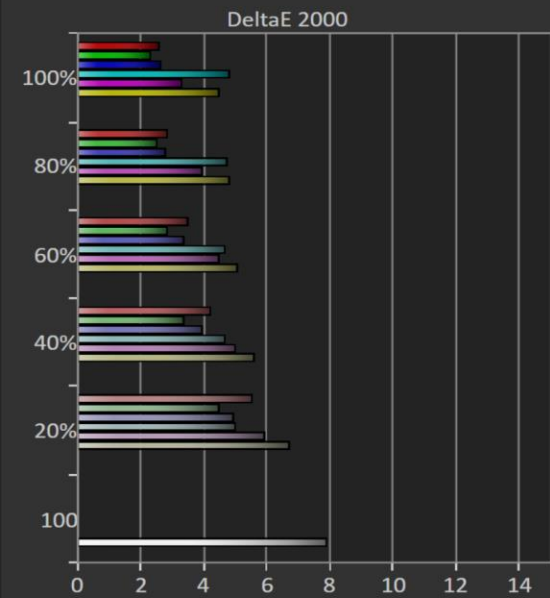
Calman 2022 Calman Ultimate for Business 151 Days Remaining - Analysis/SDR Toolkit

calman | History 1 | Display Pro/Calibrite ColorChecker Display Plus (Retail) | Source | LCD LED (Quantum Dot) | CalMAN Client 3 Display Profiler | M27P20P 66 Standard

Saturation Sweeps

Levels: 20% Sweeps

dE Formula: 2000



Avg dE2000: 4.3

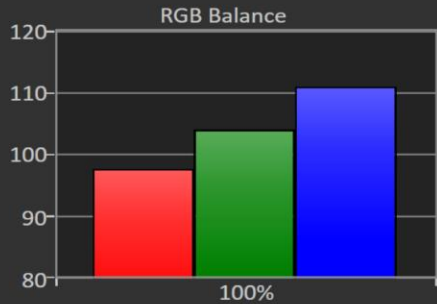
Max dE2000: 7.9

Current Reading

x: 0.4005 y: 0.5107

fL: 83.27

cd/m²: 285.32



	20%	40%	60%	80%	100%
x: CIE31	0.3149	0.3353	0.3557	0.3758	0.4005
y: CIE31	0.3528	0.3902	0.4280	0.4652	0.5107
Y	302.4875	296.8107	292.3063	288.8928	285.3203
Target x:CIE31	0.3344	0.3564	0.3773	0.3969	0.4193
Target y:CIE31	0.3648	0.4013	0.4358	0.4682	0.5053
Target Y	277.2895	272.4223	268.6825	265.7475	262.9100
ΔE 2000	6.7081	5.6211	5.1020	4.8395	4.4880
ΔE ITP	13.0590	13.5300	13.5818	13.2941	12.1324



Navigation controls: Back, Next

Saturation: OSD P3 Mode

KTC M27P20P – DCI-P3

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



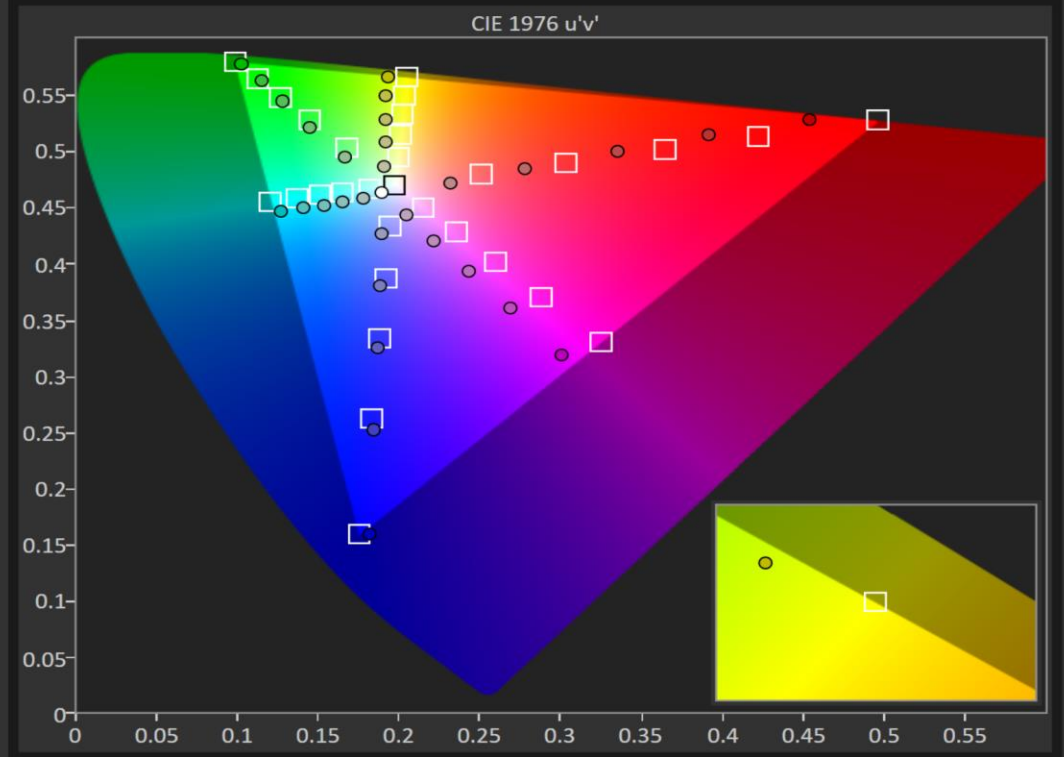
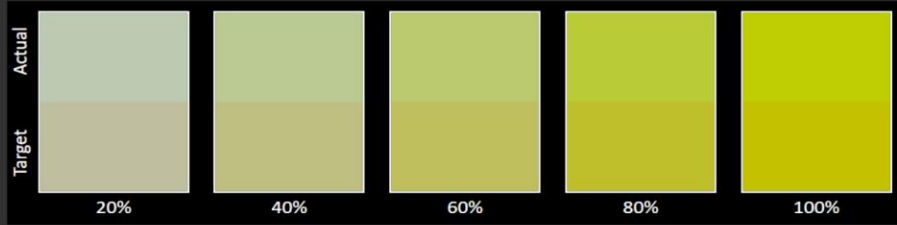
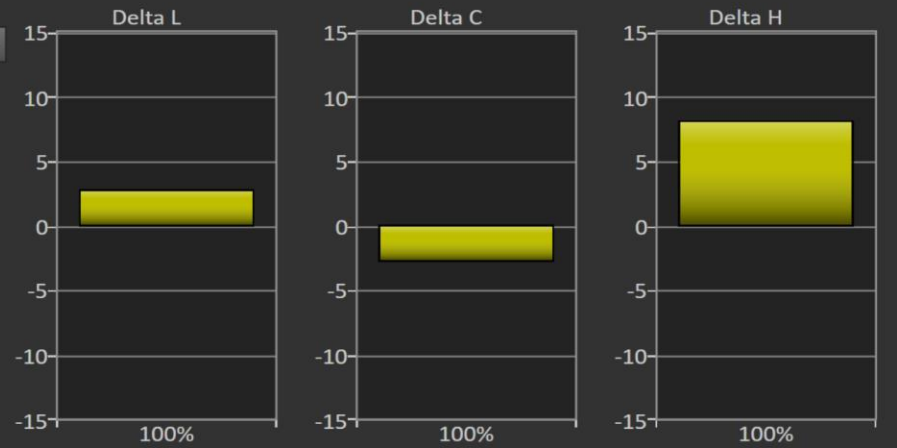
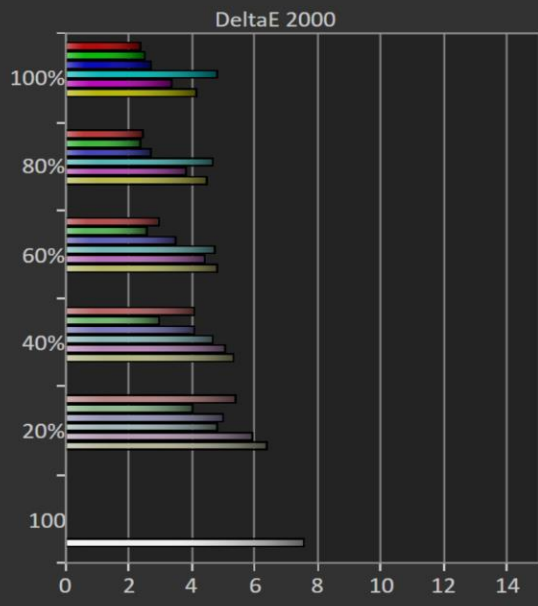
Calman 2022 Calman Ultimate for Business 151 Days Remaining - Analysis/SDR Toolkit

calman | History 1 | i1 Display Pro/Calibrite ColorChecker Display Plus (Retail) | Source | CalMAN Client 3 Display Profiler | M27P20P 66 Standard

Saturation Sweeps

Levels: 20% Sweeps

dE Formula: 2000



Avg dE2000: 4.15

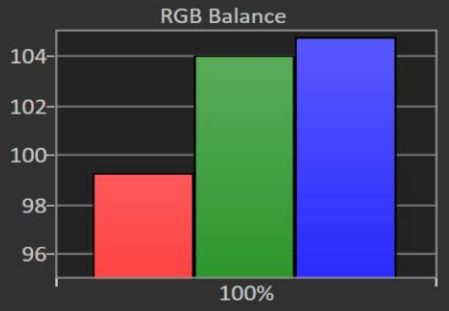
Max dE2000: 7.57

Current Reading

x: 0.4209 y: 0.5457

fL: 83.97

cd/m²: 287.7



	20%	40%	60%	80%	100%
x: CIE31	0.3193	0.3415	0.3665	0.3940	0.4209
y: CIE31	0.3598	0.4002	0.4461	0.4967	0.5457
Y	306.9093	301.0394	296.2126	291.9261	287.7023
Target x:CIE31	0.3386	0.3620	0.3865	0.4114	0.4378
Target y:CIE31	0.3718	0.4105	0.4510	0.4922	0.5359
Target Y	277.9906	273.0391	268.9061	265.4980	262.5268
ΔE 2000	6.3981	5.3059	4.8228	4.4606	4.1885
ΔE ITP	13.3827	13.6884	13.2782	11.9821	11.7609

Color calibration patches and navigation controls (Back, Next).

Saturation: OSD Adobe RGB Mode

KTC M27P20P – Adobe RGB

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



Calman 2022 Calman Ultimate for Business 151 Days Remaining - Analysis/SDR Toolkit

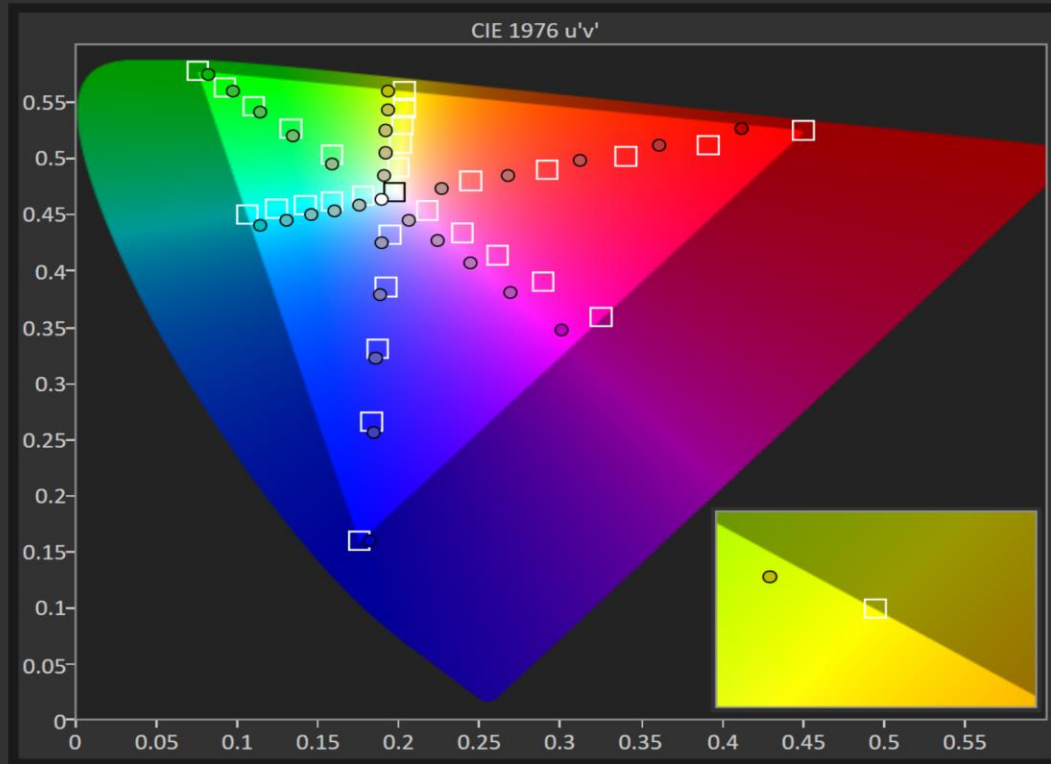
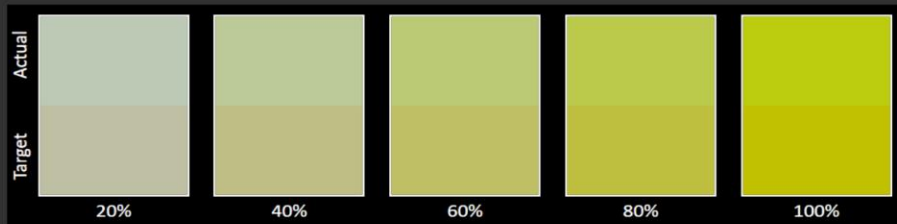
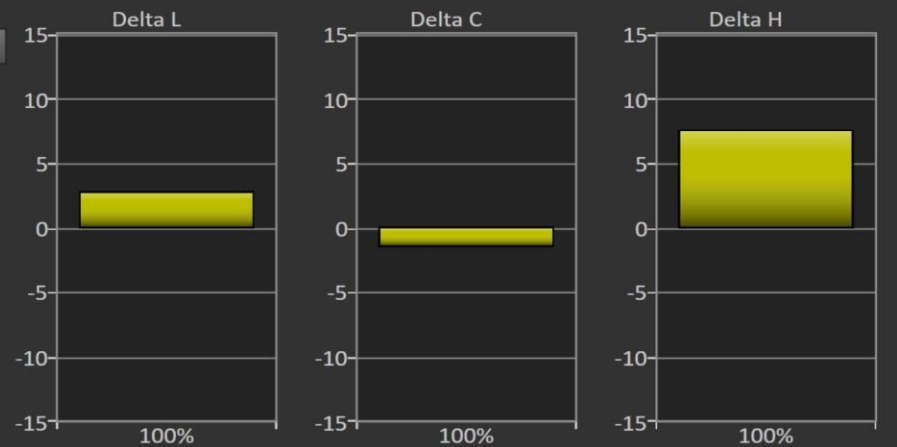
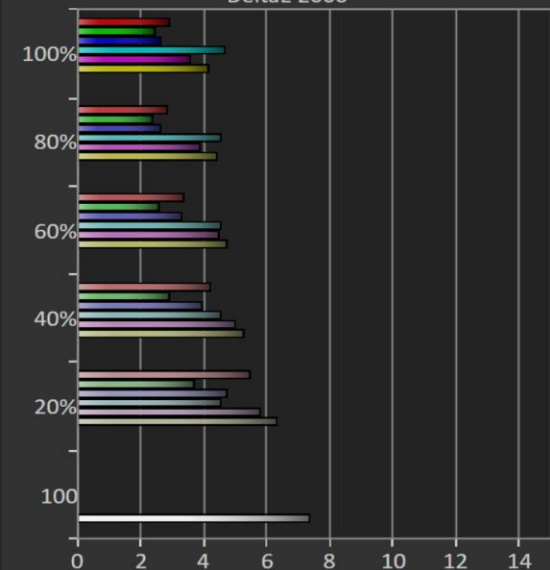
History 1 | Display Pro/Calibrite ColorChecker Display Plus (Retail) | Source | CalMAN Client 3 Display Profiler | M27P20P 66 Standard

Saturation Sweeps

Levels: 20% Sweeps

dE Formula: 2000

DeltaE 2000



Avg dE2000: 4.13

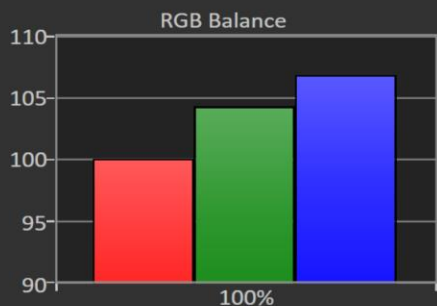
Max dE2000: 7.34

Current Reading

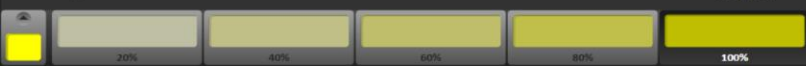
x: 0.4107 y: 0.5261

fL: 84.75

cd/m²: 290.38



	20%	40%	60%	80%	100%
x: CIE31	0.3171	0.3391	0.3616	0.3859	0.4107
y: CIE31	0.3551	0.3951	0.4364	0.4809	0.5261
Y	308.7611	302.5975	297.7152	293.6578	290.3757
Target x:CIE31	0.3355	0.3588	0.3812	0.4037	0.4271
Target y:CIE31	0.3666	0.4053	0.4423	0.4794	0.5181
Target Y	280.0394	274.9081	270.9653	267.7141	264.8796
ΔE 2000	6.3389	5.2493	4.7578	4.4309	4.1850
ΔE ITP	12.9383	13.2646	12.9846	11.9838	11.4683



Navigation buttons: Back, Next

ColorChecker: Default Settings

KTC M27P20P – sRGB

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



Calman 2022 Calman Ultimate for Business 151 Days Remaining - Analysis/SDR Toolkit

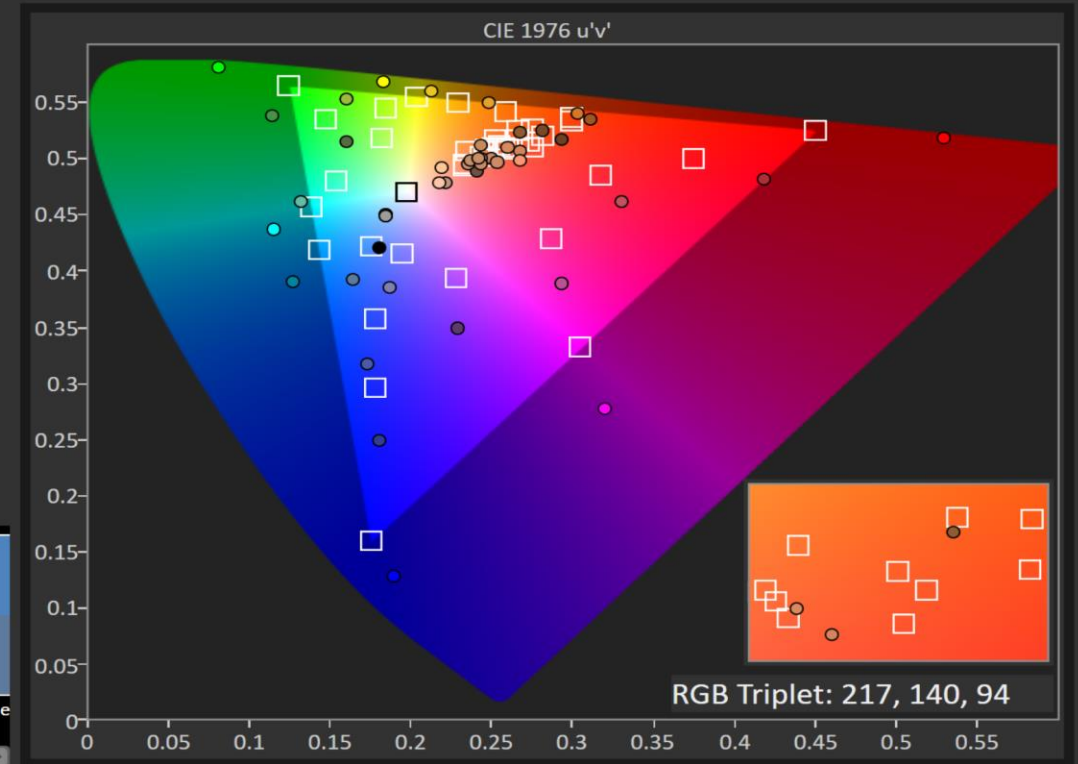
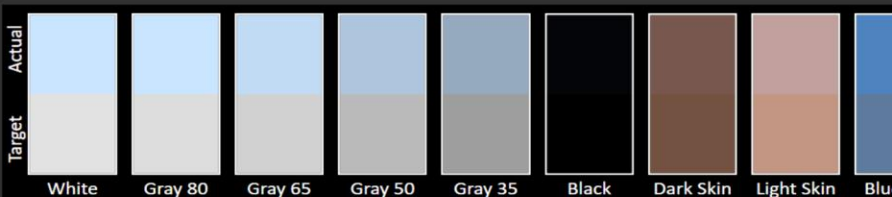
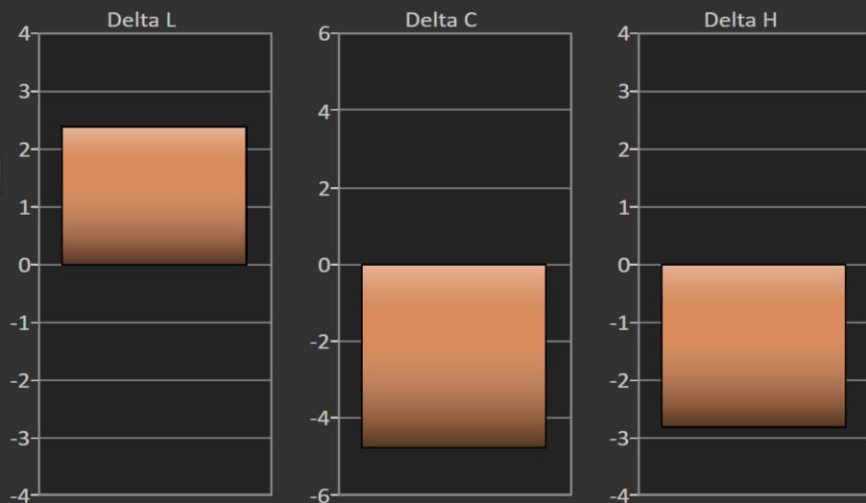
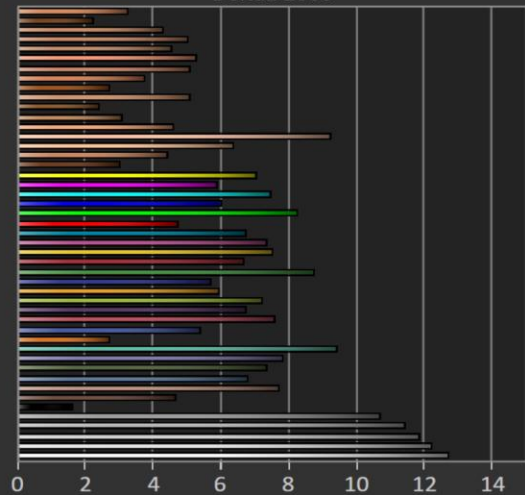
calman | History 1 | I1 Display Pro/Calibrite ColorChecker Display Plus (Retail) | Source | CalMAN Client 3 Display Profiler | M27P20P 66 Standard

ColorChecker

Display analysis is performed with the X-Rite/Pantone ColorChecker® target colors.

dE Formula: 2000

DeltaE 2000



Avg dE2000: 6.41
Max dE2000: 12.73

Current Reading
x: 0.4306 y: 0.373
fL: 44.57
cd/m²: 152.71

	White	Gray 80	Gray 65	Gray 50	Gray 35	Black	Dark Skin	Light Skin	Blue Sky	Foliage	Blue Flower	Bluish Green	Orange	Pur
x: CIE31	0.2799	0.2798	0.2795	0.2794	0.2794	0.2536	0.3831	0.3497	0.2185	0.3030	0.2410	0.2192	0.5229	0.1
y: CIE31	0.3016	0.3013	0.3008	0.3003	0.3000	0.2615	0.3447	0.3330	0.2313	0.4322	0.2187	0.3367	0.4127	0.1
Y	407.6292	337.7246	280.4461	222.3343	159.1268	0.5661	46.2049	158.9572	89.4860	61.6637	110.2875	193.1230	123.7599	55.
Target x:CIE31	0.3127	0.3127	0.3127	0.3127	0.3127	0.3127	0.4003	0.3795	0.2496	0.3395	0.2681	0.2626	0.5122	0.2
Target y:CIE31	0.3290	0.3290	0.3290	0.3290	0.3290	0.3290	0.3642	0.3562	0.2656	0.4271	0.2525	0.3616	0.4063	0.1
Target Y	407.6292	322.5562	259.9031	200.1544	139.3743	0.0000	41.0617	142.2429	76.2201	53.1241	95.0530	170.6866	115.5540	47.
ΔE 2000	12.7286	12.2547	11.8785	11.4036	10.6756	1.6446	4.6540	7.7069	6.8176	7.3527	7.8546	9.4274	2.7393	5.4
ΔE ITP	20.2354	20.5551	21.1358	21.7616	22.2264	90.5004	12.5085	18.3918	26.0016	21.6138	22.5568	29.0234	10.7493	25.

Color calibration bar with patches: White, Gray 80, Gray 65, Gray 50, Gray 35, Black, 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, Magenta, Cyan, 100% Red, 100% Green, 100% Blue, 100% Cyan, 100% Magenta, 100% Yellow, 2E, 2F, 2K, 5D, 7E, 7F, 7G, 7H, 7I, 7J, 8D, 8E, 8F.

ColorChecker: OSD sRGB Mode

KTC M27P20P – sRGB

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



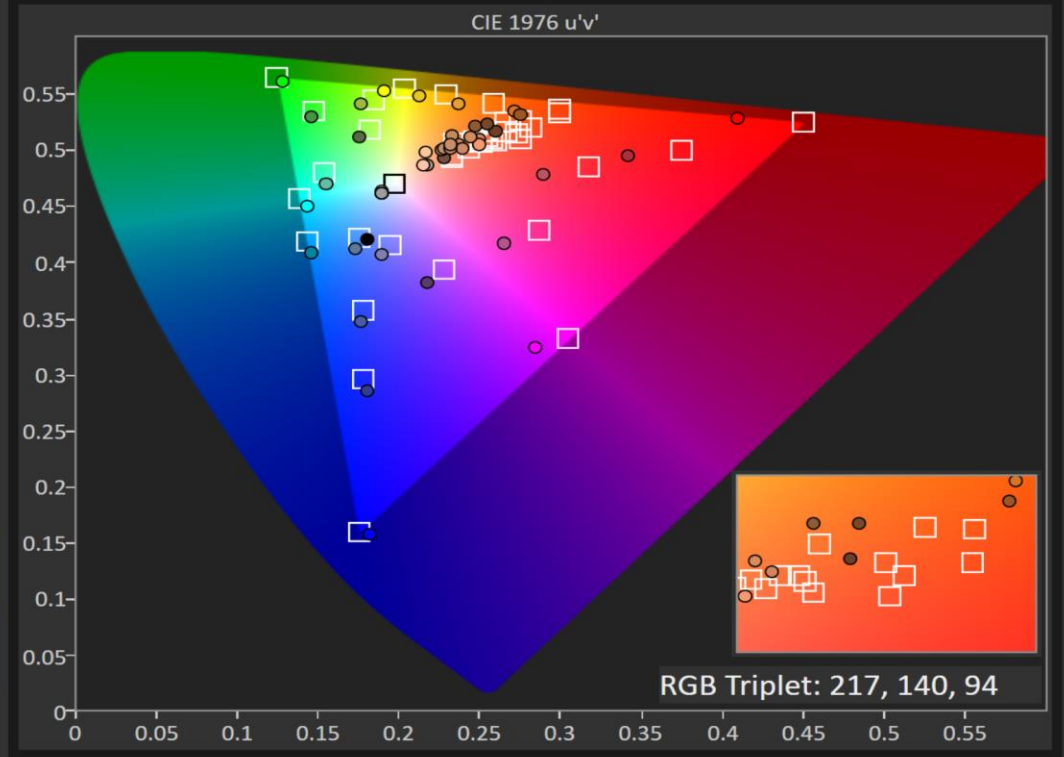
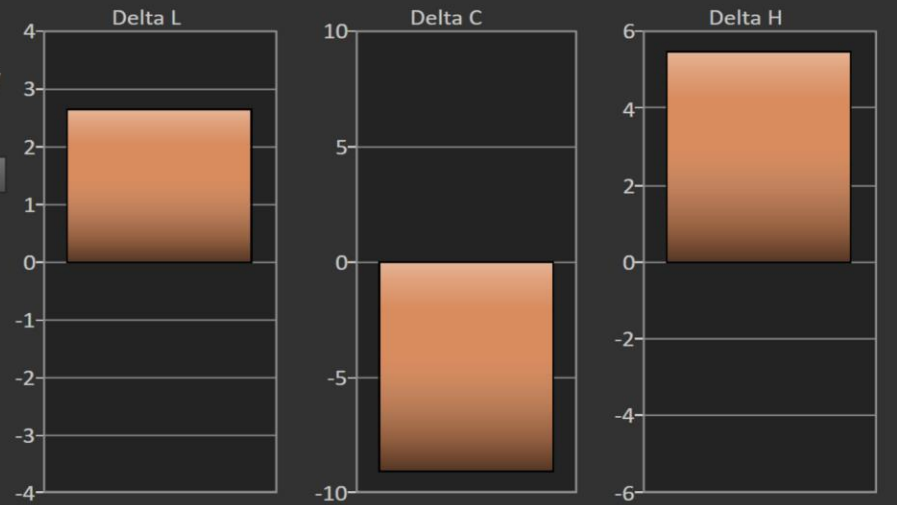
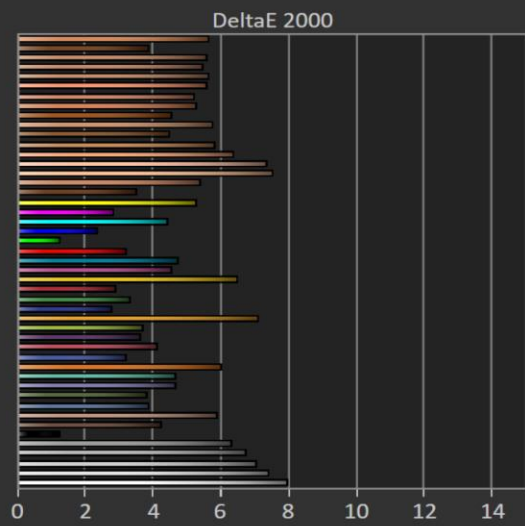
Calman 2022 Calman Ultimate for Business 151 Days Remaining - Analysis/SDR Toolkit

calman | History 1 | Display Pro/Calibrite ColorChecker Display Plus (Retail) | Source | CalMAN Client 3 Display Profiler | LCD LED (Quantum Dot) | M27P20P 66 Standard

ColorChecker

Display analysis is performed with the X-Rite/Pantone ColorChecker® target colors.

dE Formula: 2000



Avg dE2000: 4.95
Max dE2000: 7.96

Current Reading

x: 0.4143 y: 0.3848
fL: 59.9
cd/m²: 205.24

	White	Gray 80	Gray 65	Gray 50	Gray 35	Black	Dark Skin	Light Skin	Blue Sky	Foliage	Blue Flower	Bluish Green	Orange	Pu
x: CIE31	0.2955	0.2956	0.2958	0.2955	0.2955	0.2545	0.3735	0.3526	0.2411	0.3230	0.2562	0.2561	0.4804	0.
y: CIE31	0.3197	0.3185	0.3182	0.3175	0.3170	0.2611	0.3582	0.3490	0.2529	0.4155	0.2425	0.3438	0.4191	0.
Y	543.1924	449.8249	370.6790	291.7854	208.1332	0.5693	62.7925	210.3557	117.0809	81.4930	144.7134	252.7457	168.8193	74
Target x:CIE31	0.3127	0.3127	0.3127	0.3127	0.3127	0.3127	0.4003	0.3795	0.2496	0.3395	0.2681	0.2626	0.5122	0.
Target y:CIE31	0.3290	0.3290	0.3290	0.3290	0.3290	0.3290	0.3642	0.3562	0.2656	0.4271	0.2525	0.3616	0.4063	0.
Target Y	543.1924	429.8270	346.3378	266.7188	185.7253	0.0000	54.7174	189.5479	101.5682	70.7913	126.6642	227.4510	153.9832	63
ΔE 2000	7.9633	7.3939	7.0184	6.7266	6.3404	1.2532	4.2199	5.8976	3.8476	3.8397	4.6442	4.6360	5.9993	3.
ΔE ITP	10.6704	11.0413	11.5753	12.4269	13.3455	90.6645	16.7495	17.3242	12.4984	13.1512	13.0416	10.5570	22.8168	12

Color calibration bar with patches: White, Gray 80, Gray 65, Gray 50, Gray 35, Black, 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, Magenta, Cyan, 100% Red, 100% Green, 100% Blue, 100% Cyan, 100% Magenta, 100% Yellow, 2E, 2F, 2K, 5D, 7E, 7F, 7G, 7H, 7I, 7J, 8D, 8E, 8F

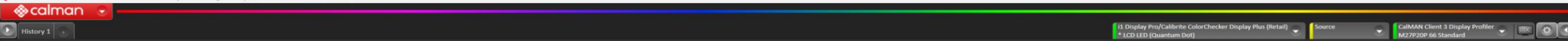
ColorChecker: OSD P3 Mode

KTC M27P20P – DCI-P3

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



Calman 2022 Calman Ultimate for Business 151 Days Remaining - Analysis/SDR Toolkit

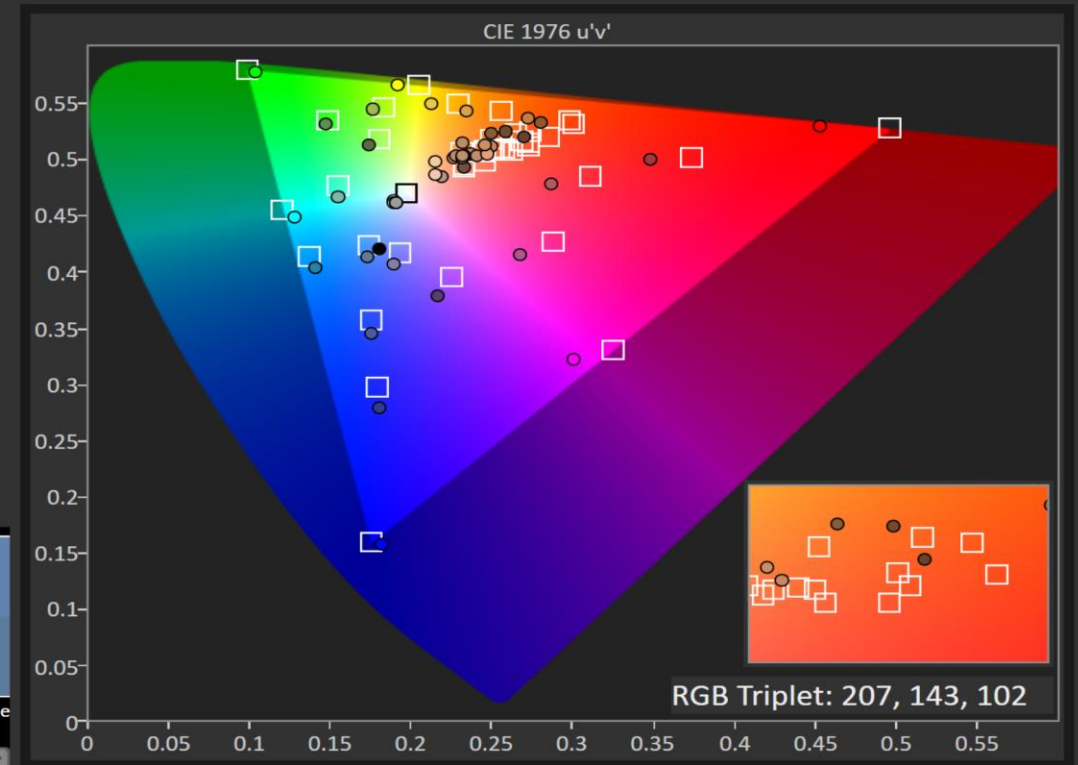
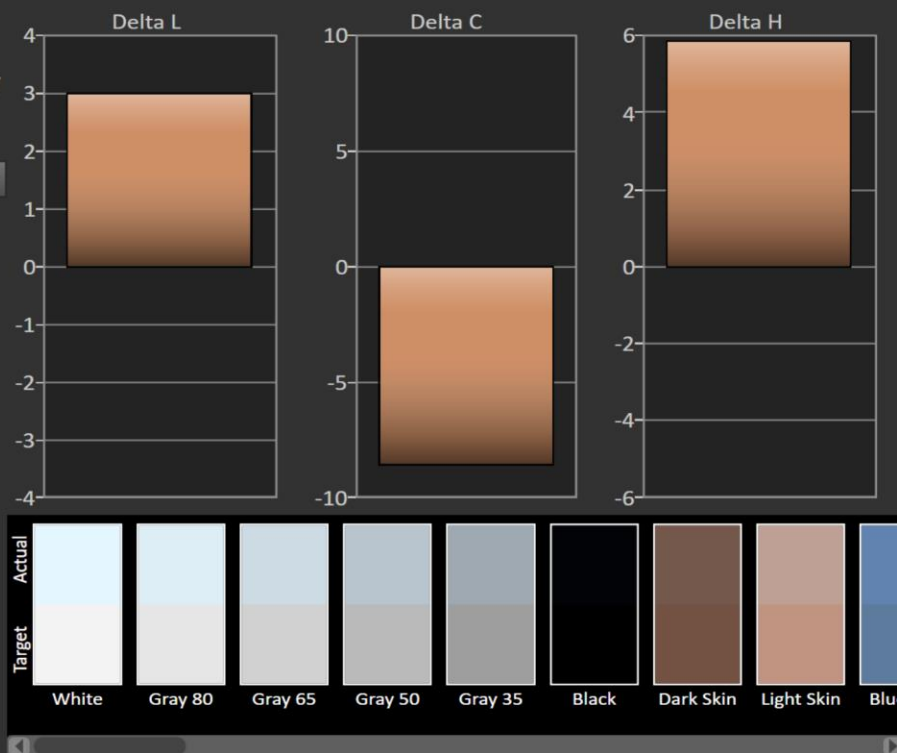
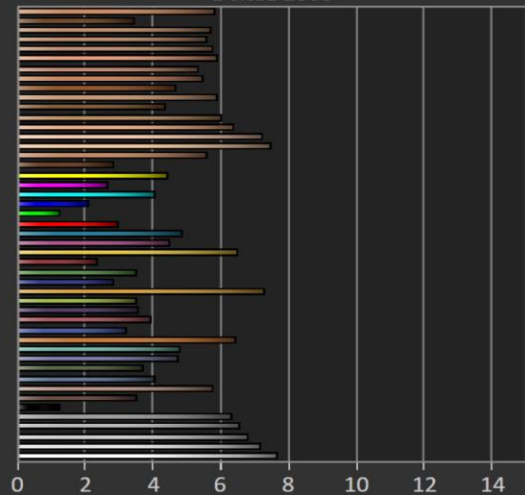


ColorChecker

Display analysis is performed with the X-Rite/Pantone ColorChecker® target colors.

dE Formula: 2000

DeltaE 2000



Avg dE2000: 4.87

Max dE2000: 7.63

Current Reading

x: 0.4168 y: 0.3852

fL: 61.12

cd/m²: 209.4

	White	Gray 80	Gray 65	Gray 50	Gray 35	Black	Dark Skin	Light Skin	Blue Sky	Foliage	Blue Flower	Bluish Green	Orange	Pu
x: CIE31	0.2964	0.2964	0.2965	0.2965	0.2963	0.2547	0.3789	0.3525	0.2404	0.3232	0.2563	0.2554	0.4827	0..
y: CIE31	0.3202	0.3192	0.3185	0.3182	0.3176	0.2609	0.3560	0.3465	0.2545	0.4209	0.2443	0.3392	0.4215	0.
Y	546.8214	454.9630	376.6581	297.8833	213.0672	0.5713	61.5369	210.9935	119.7686	82.9096	146.2802	256.2150	172.0025	74
Target x:CIE31	0.3127	0.3127	0.3127	0.3127	0.3127	0.3127	0.4006	0.3789	0.2489	0.3373	0.2674	0.2615	0.5113	0..
Target y:CIE31	0.3290	0.3290	0.3290	0.3290	0.3290	0.3290	0.3595	0.3537	0.2672	0.4270	0.2542	0.3561	0.4058	0.
Target Y	546.8214	432.6986	348.6516	268.5007	186.9661	0.0000	54.0200	187.0144	103.0479	71.7462	126.3338	227.7542	155.2036	64
ΔE 2000	7.6251	7.1643	6.8096	6.5591	6.3060	1.2526	3.4892	5.7734	4.0336	3.6886	4.7234	4.7592	6.4381	3..
ΔE ITP	10.1205	10.7286	11.5143	12.6010	13.8561	90.7760	14.4490	17.6598	13.0398	12.4262	13.4827	11.1326	22.1078	12



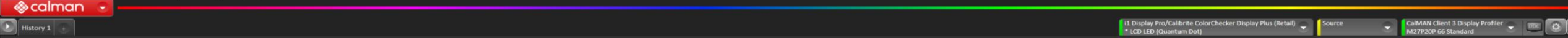
ColorChecker: OSD Adobe RGB Mode

KTC M27P20P – Adobe RGB

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



Calman 2022 Calman Ultimate for Business 151 Days Remaining - Analysis/SDR Toolkit

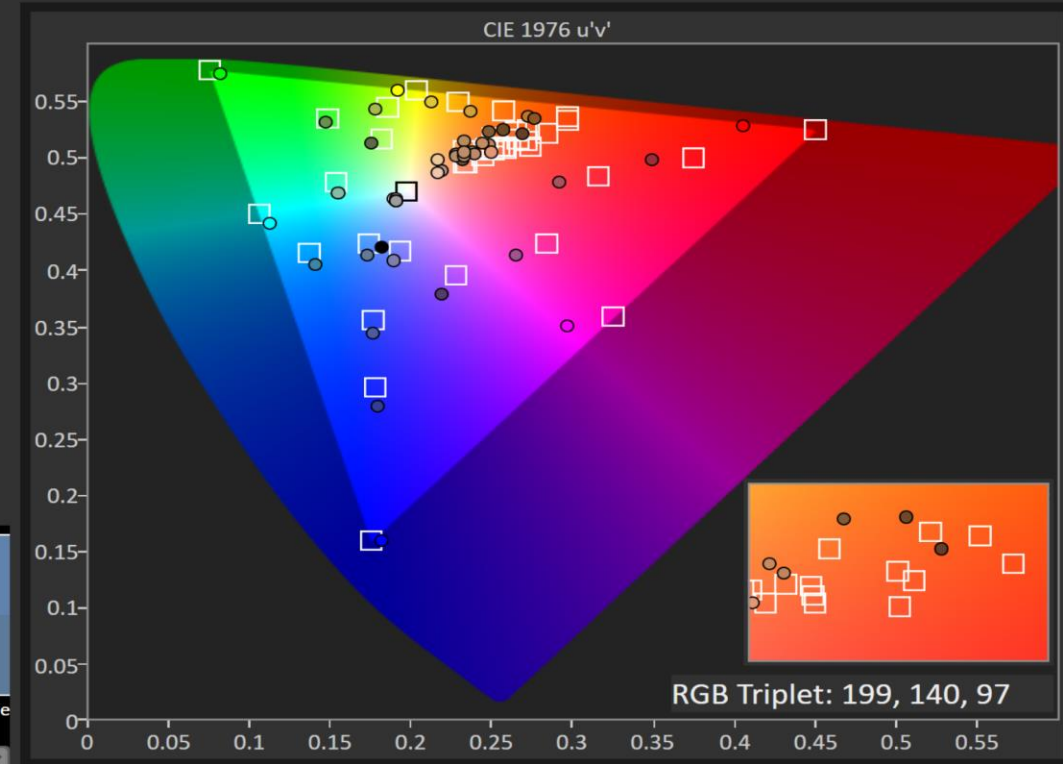
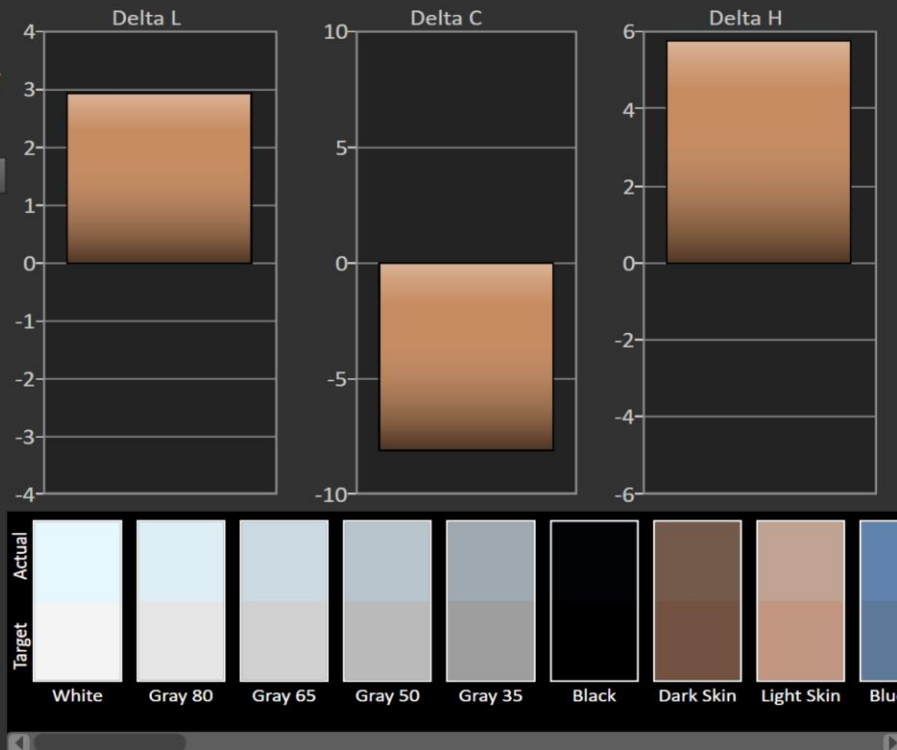
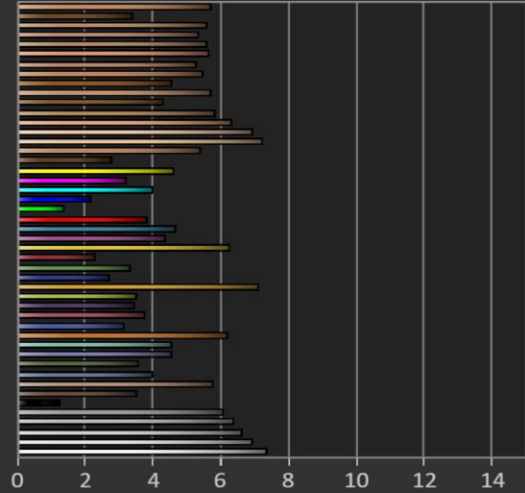


ColorChecker

Display analysis is performed with the X-Rite/Pantone ColorChecker® target colors.

dE Formula: 2000

DeltaE 2000



Avg dE2000: 4.78
Max dE2000: 7.36

Current Reading
x: 0.4161 y: 0.3857
fL: 61.26
cd/m²: 209.91

	White	Gray 80	Gray 65	Gray 50	Gray 35	Black	Dark Skin	Light Skin	Blue Sky	Foliage	Blue Flower	Bluish Green	Orange	Pu
x: CIE31	0.2971	0.2971	0.2971	0.2971	0.2970	0.2549	0.3820	0.3566	0.2413	0.3237	0.2567	0.2559	0.4831	0.1
y: CIE31	0.3206	0.3198	0.3191	0.3189	0.3182	0.2607	0.3637	0.3516	0.2560	0.4200	0.2448	0.3416	0.4220	0.1
Y	549.3898	456.6955	377.4167	298.4284	213.3540	0.5733	62.7382	216.6215	118.2730	82.2065	146.4380	258.5666	170.7055	74
Target x:CIE31	0.3127	0.3127	0.3127	0.3127	0.3127	0.3127	0.4020	0.3821	0.2498	0.3373	0.2674	0.2614	0.5101	0.1
Target y:CIE31	0.3290	0.3290	0.3290	0.3290	0.3290	0.3290	0.3659	0.3573	0.2684	0.4256	0.2540	0.3581	0.4070	0.1
Target Y	549.3898	434.7310	350.2892	269.7618	187.8443	0.0000	55.3540	192.6555	101.9590	71.4222	126.9474	230.5537	154.0903	64
ΔE 2000	7.3641	6.9050	6.5993	6.3526	6.0852	1.2543	3.5202	5.7391	3.9949	3.5854	4.5655	4.5478	6.1803	3.1
ΔE ITP	9.6995	10.2844	11.0970	12.1639	13.3878	90.8885	13.6163	17.1780	12.8449	12.0613	13.0490	10.7821	21.0427	12

