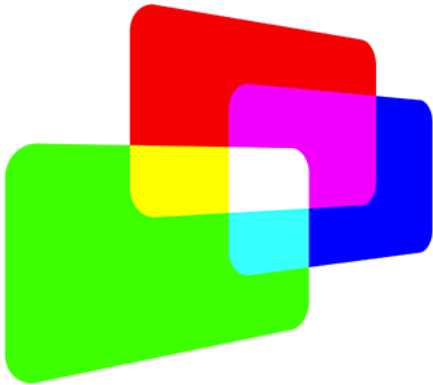


CalMAN 5

Ultimate Edition
Display Calibration Software



ProCal



ProCal - Gorm Sørensen

Sandshagan 11
Jessheim, 2067

Gorm Sørensen

Telefon: +47 41 51 61 71
epost: gorm@procal.no

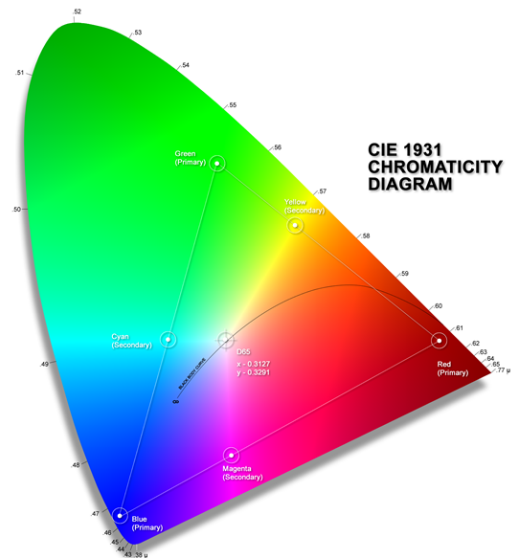
ISF level II certified

THX level II video calibrator

Lyd&Bilde W11000

Telefon:

epost:



METER Klein Instruments K Series

Manufacturer: Klein Instruments
Model: K-10
Meter Serial: 00100003

SOURCE AV Foundry VideoForge II

Model: AV Foundry - VideoForge 4K / HDMI (Ethernet @9021)
Info: VideoForge II software:287

IMAGE PROCESSOR Direct Display Control

Model: None
Type:
Info1:

CALIBRATION STANDARD

Input Signal Levels NominalLevels: True
Luminance Response Target GammaFormula: PowerFunction
Gamma: 2.4
Color Gamut Target Gamma: D65, HD Rec.709

Pre Calibration Settings

PictureMode: THX
ColorTemp: D65
Gamma: 2.4
BackLight:
Brightness: 50 Contrast: 50
Color: 50 Tint: 50
Sharpness: 7

High

Red	Green	Blue
100	100	100

Low

Red	Green	Blue
256	256	256

Note: default THX
Lamp: High

Post Calibration Settings

Picture Mode: THX
ColorTemp: D65 custom
Gamma: 2.4
BackLight:
Brightness: 48 Contrast: 68
Color: 52 Tint: 50
Sharpness: 7

High

Red	Green	Blue
100	94	100

Low

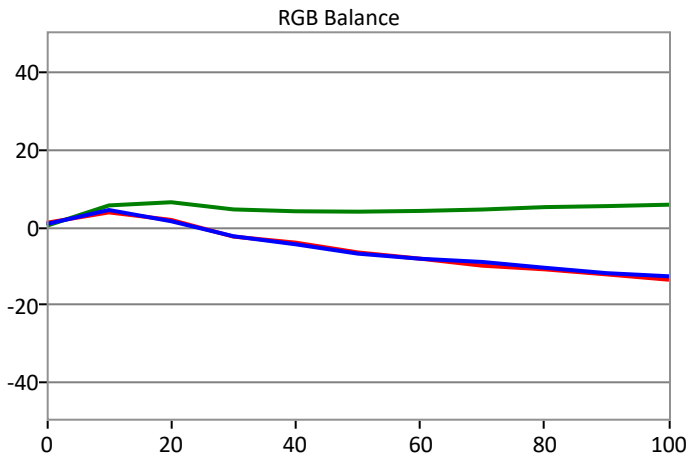
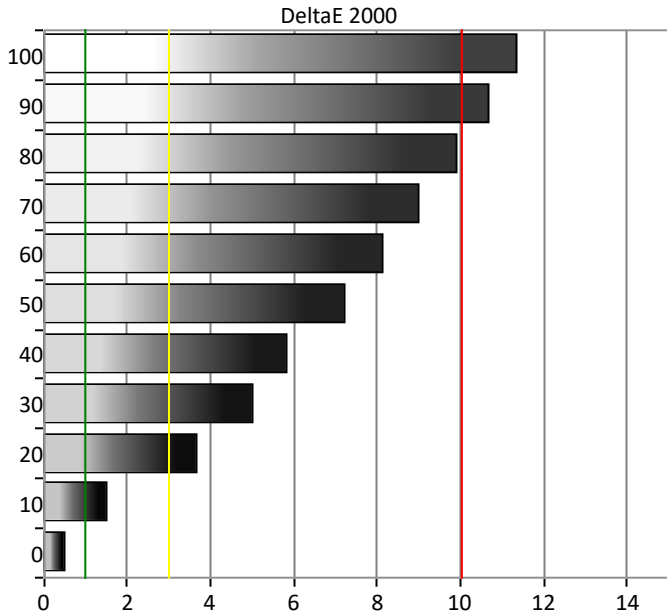
Red	Green	Blue
253	255	250

Post note: Brilliant Color: Off

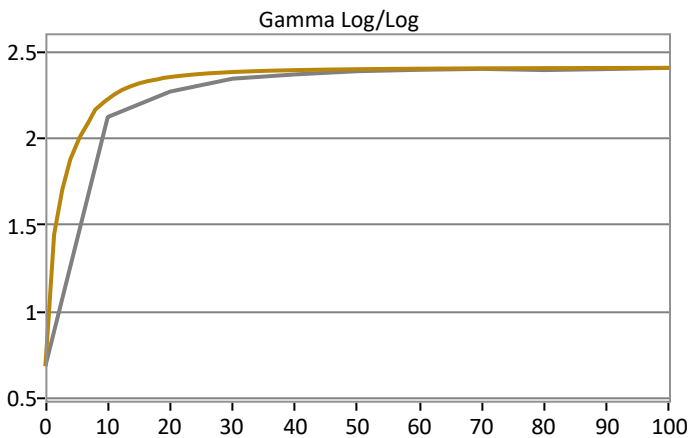
Full lys-styrke
CMS kalibrert (korrigeret for at brilliant color er slått av)

Pre Calibration Results

CollectionMax dE2000: 11.3415

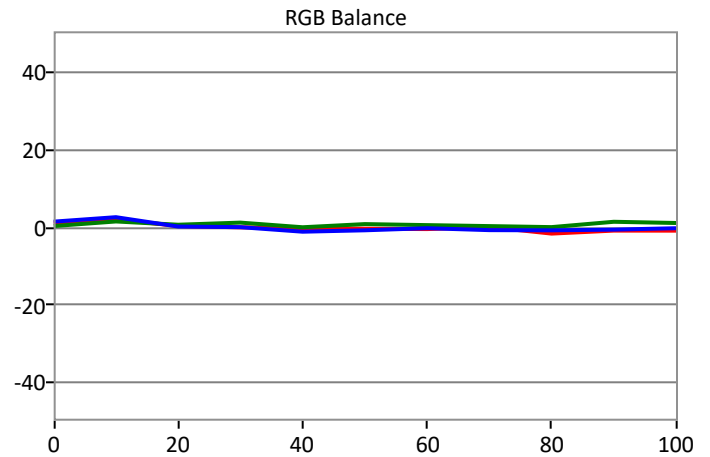
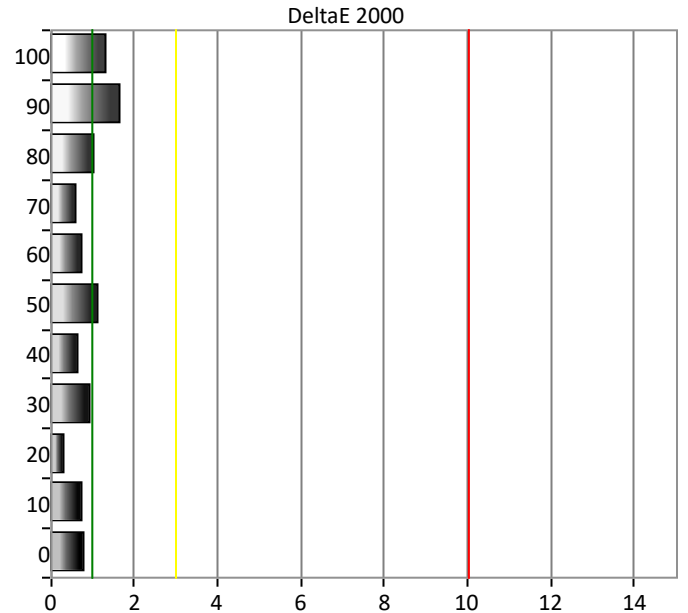


Total Gamma: 2.3612

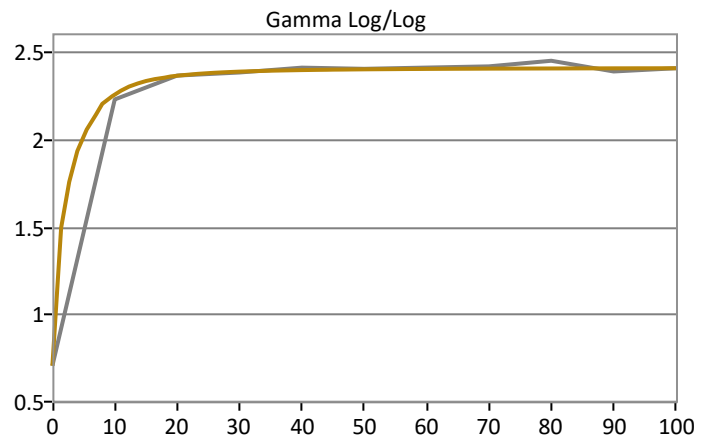


Post Calibration Results

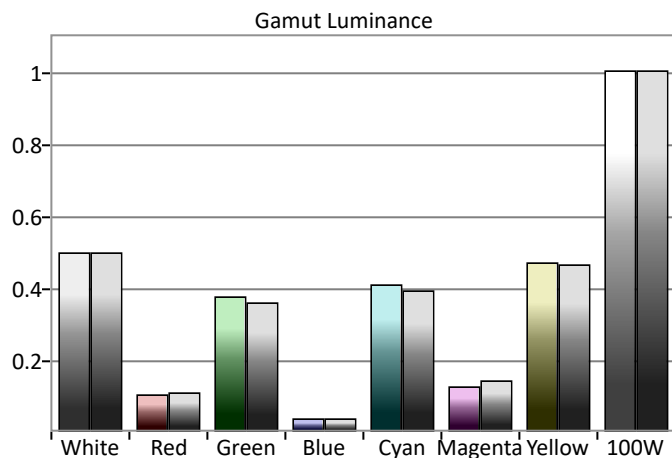
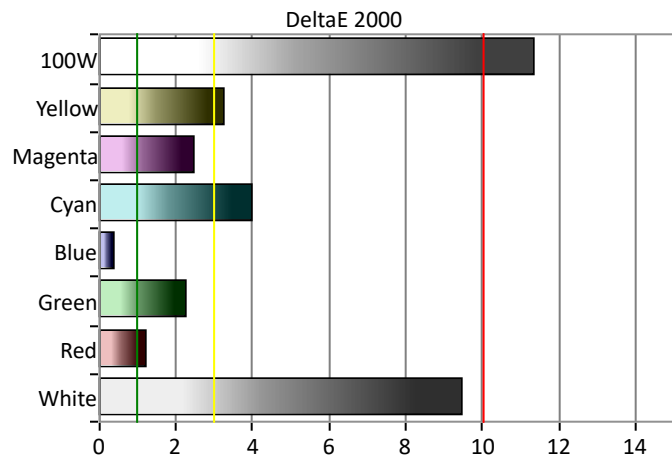
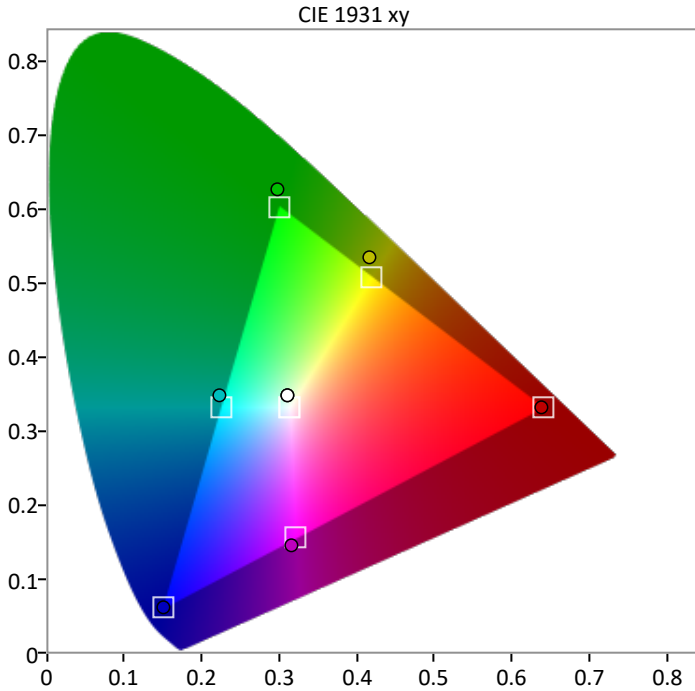
CollectionMax dE2000: 1.6743



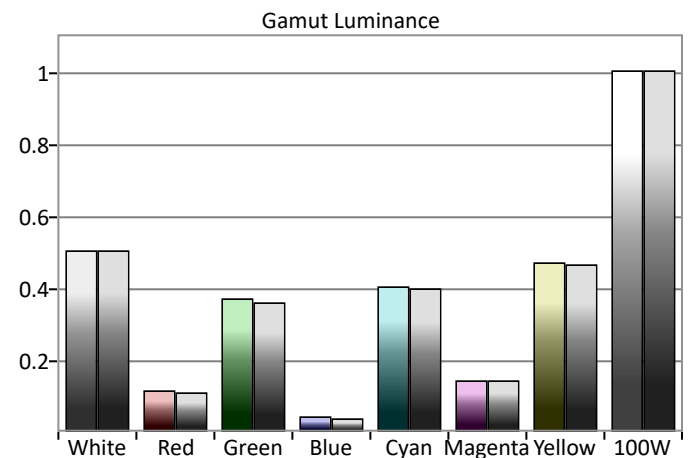
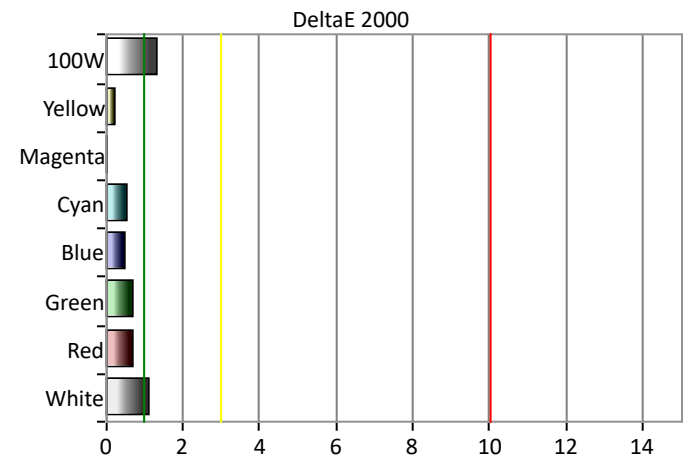
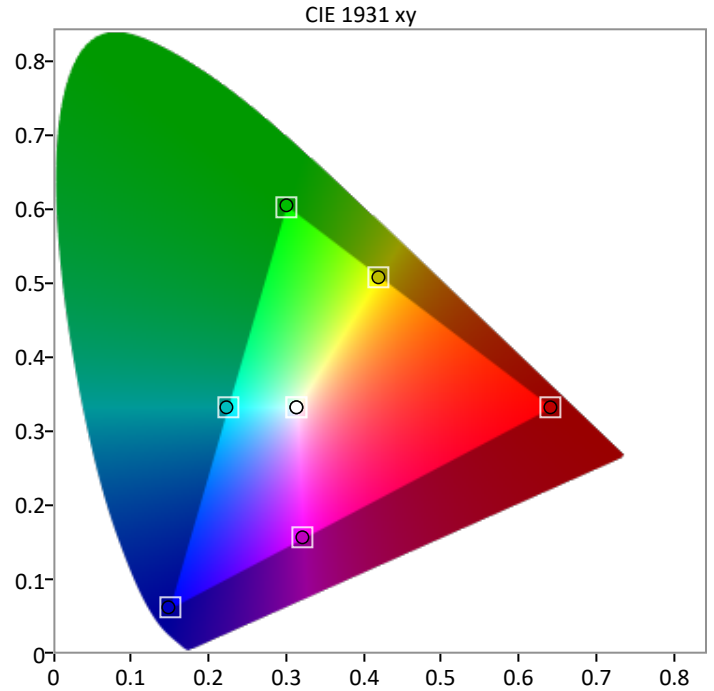
Total Gamma: 2.402



Pre Calibration Results



Post Calibration Results





Pre Calibration Results

	0	10	20	30	40	50	60	70	80	90	100
x: CIE31	0.317	0.310	0.313	0.312	0.312	0.312	0.312	0.311	0.312	0.312	0.311
y: CIE31	0.321	0.335	0.344	0.346	0.345	0.347	0.346	0.346	0.347	0.347	0.346
Y	0.031	0.113	0.385	0.879	1.680	2.807	4.233	6.116	8.444	11.189	14.407
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
Target Y	0.031	0.088	0.336	0.839	1.643	2.784	4.219	6.110	8.423	11.182	14.407
CCT	6328.000	6583.000	6405.000	6439.000	6408.000	6413.000	6428.000	6467.000	6442.000	6438.000	6454.000
ΔE 2000	0.502	1.500	3.674	5.019	5.846	7.219	8.123	9.000	9.919	10.686	11.341

	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.312	0.638	0.298	0.150	0.223	0.316	0.416	0.311
y: CIE31	0.347	0.329	0.623	0.061	0.345	0.144	0.530	0.346
Y	7.166	1.431	5.422	0.515	5.856	1.791	6.750	14.405
Target x:CIE31	0.313	0.640	0.300	0.150	0.225	0.321	0.419	0.313
Target y:CIE31	0.329	0.330	0.600	0.060	0.329	0.154	0.505	0.329
Target Y	7.166	1.524	5.125	0.517	5.642	2.041	6.649	14.405
ΔE 2000	9.481	1.246	2.272	0.409	3.982	2.482	3.282	11.343

Post Calibration Results

	0	10	20	30	40	50	60	70	80	90	100
x: CIE31	0.310	0.311	0.313	0.313	0.314	0.313	0.312	0.313	0.312	0.312	0.312
y: CIE31	0.305	0.322	0.330	0.332	0.331	0.332	0.330	0.330	0.330	0.331	0.330
Y	0.033	0.118	0.440	1.118	2.156	3.700	5.600	8.108	11.123	14.944	19.221
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
Target Y	0.033	0.110	0.440	1.111	2.184	3.708	5.623	8.146	11.234	14.915	19.221
CCT	6880.000	6669.000	6481.000	6493.000	6432.000	6469.000	6509.000	6463.000	6532.000	6503.000	6518.000
ΔE 2000	0.813	0.731	0.321	0.944	0.666	1.118	0.727	0.590	1.026	1.674	1.304

	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.312	0.641	0.299	0.149	0.224	0.321	0.419	0.312
y: CIE31	0.330	0.329	0.603	0.060	0.329	0.154	0.505	0.330
Y	9.605	2.119	7.066	0.724	7.728	2.737	9.009	19.217
Target x:CIE31	0.313	0.640	0.300	0.150	0.225	0.321	0.419	0.313
Target y:CIE31	0.329	0.330	0.600	0.060	0.329	0.154	0.505	0.329
Target Y	9.605	2.043	6.869	0.693	7.563	2.736	8.912	19.217
ΔE 2000	1.113	0.695	0.713	0.516	0.535	0.026	0.249	1.337