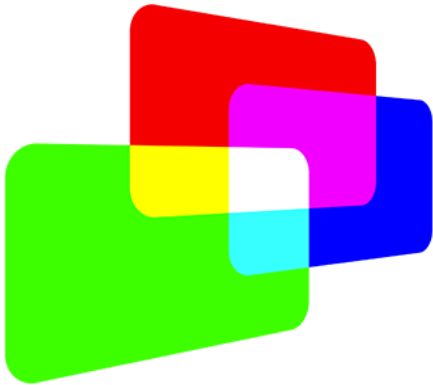


CalMAN 5

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

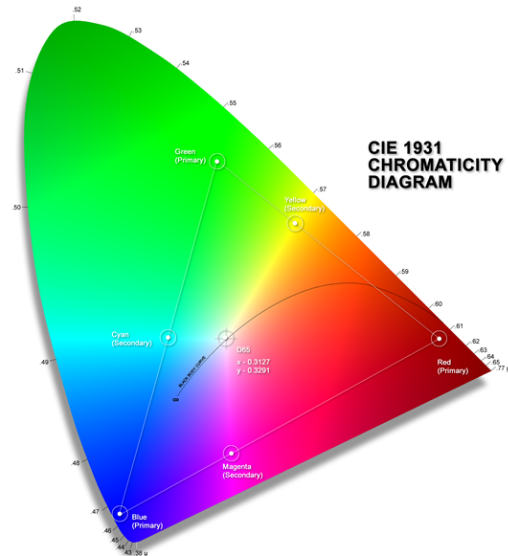
ISF level II certified

THX level II video calibrator

Lyd&Bilde TW9300

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: Natural
ColorTemp: 6500K
Gamma: 0
BackLight:
Brightness: 50 Contrast: 50
Color: 50 Tint: 50
Sharpness: 5

High

Red	Green	Blue
50	50	50

Low

Red	Green	Blue
50	50	50

Note: default bildemodus: Natural
Lamp: Medium

Post Calibration Settings

Picture Mode: Natural
ColorTemp: 6500K - Custom
Gamma: -1
BackLight: n/a
Brightness: 52 Contrast: 66
Color: 52 Tint: 50
Sharpness: 1

High

Red	Green	Blue
46	50	45

Low

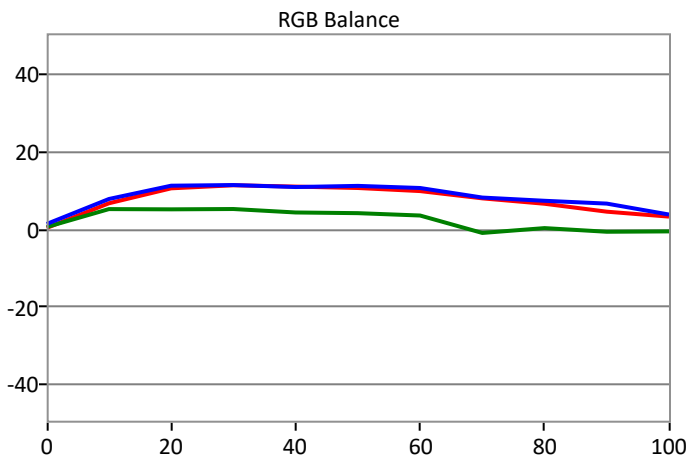
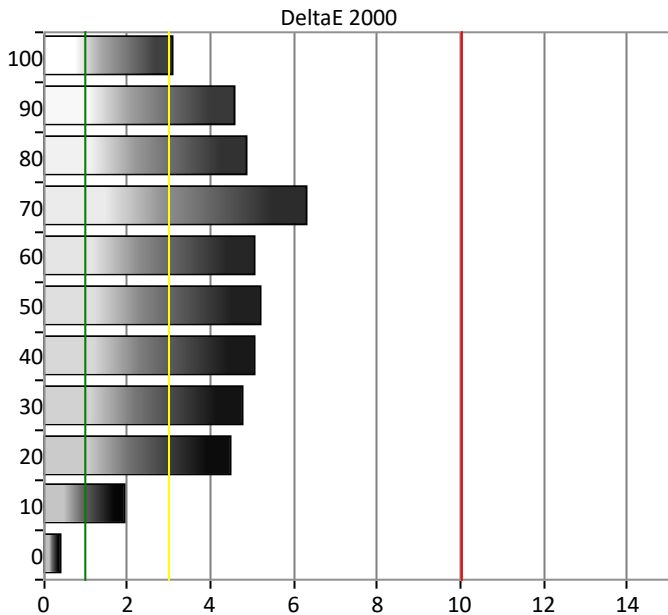
Red	Green	Blue
49	50	49

Post note:
minne: ISF
lagret på Memory 1

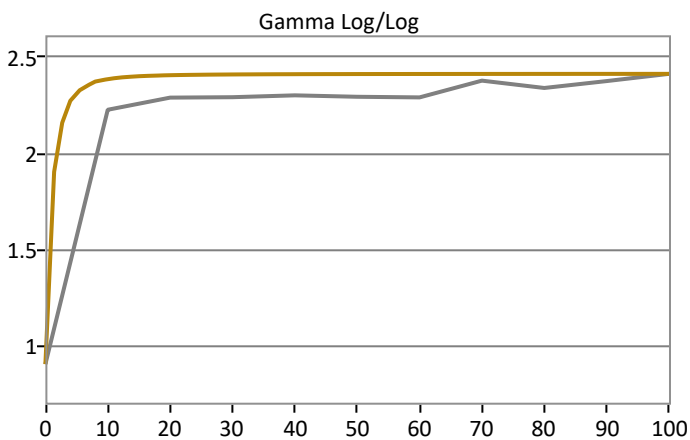
Iris: Fast - kan deaktiveres
Lampe: Medium
Color Space: Rec709
CMS er kalibrert - RGBCMY
Super White: On
Frame interpolation: Low
4K enhancement: On
Super-resolution: 1

Pre Calibration Results

CollectionMax dE2000: 6.2882

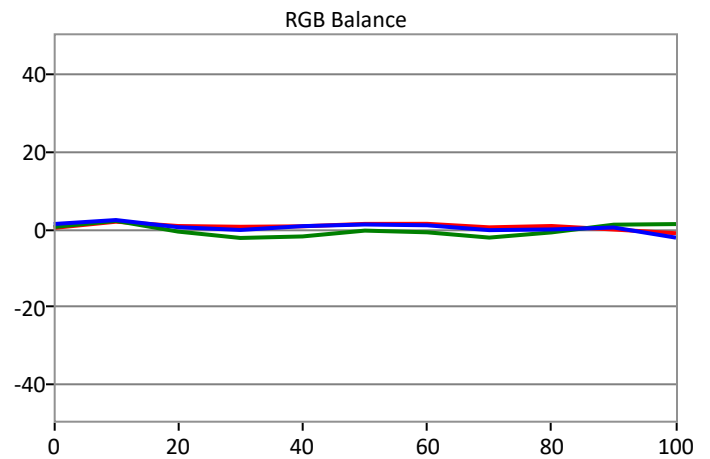
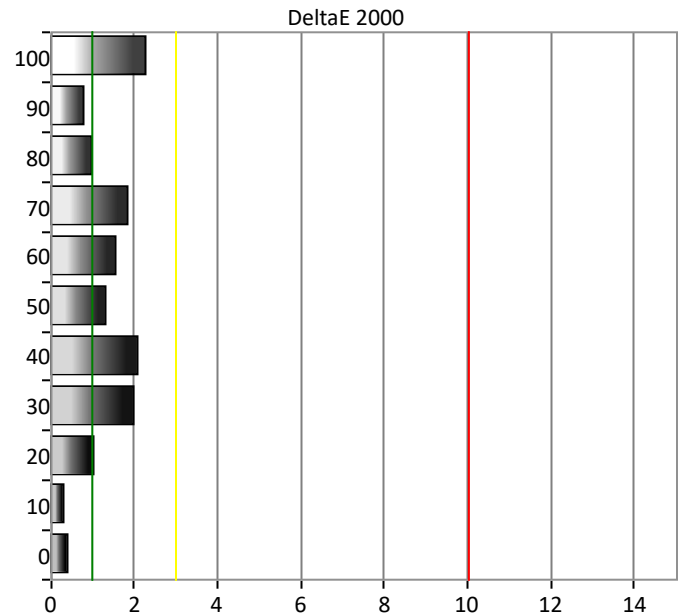


Total Gamma: 2.3001

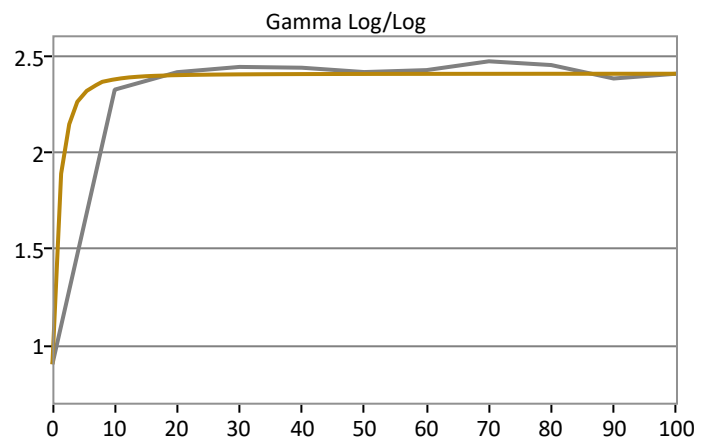


Post Calibration Results

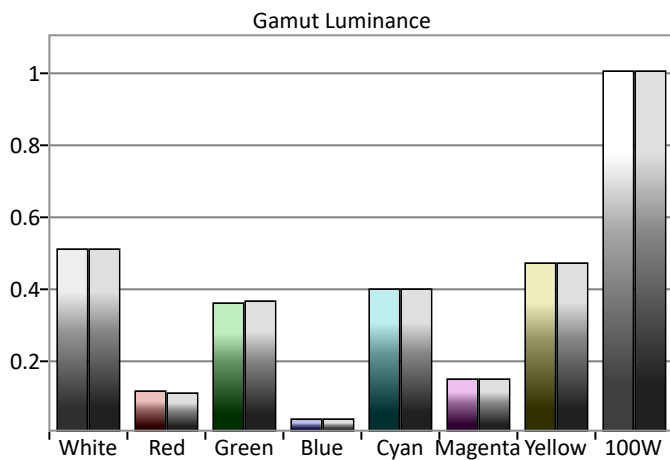
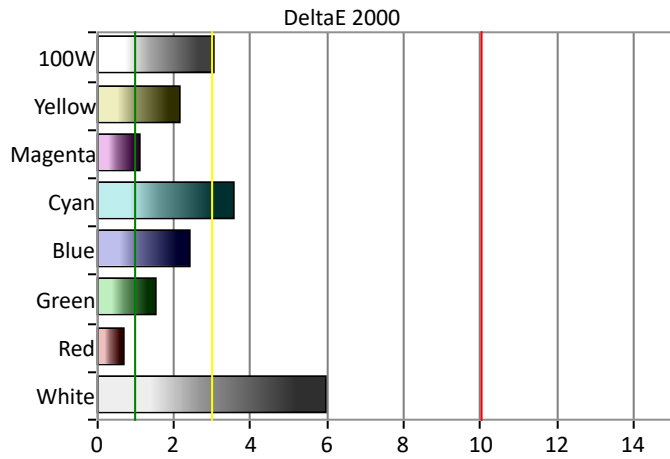
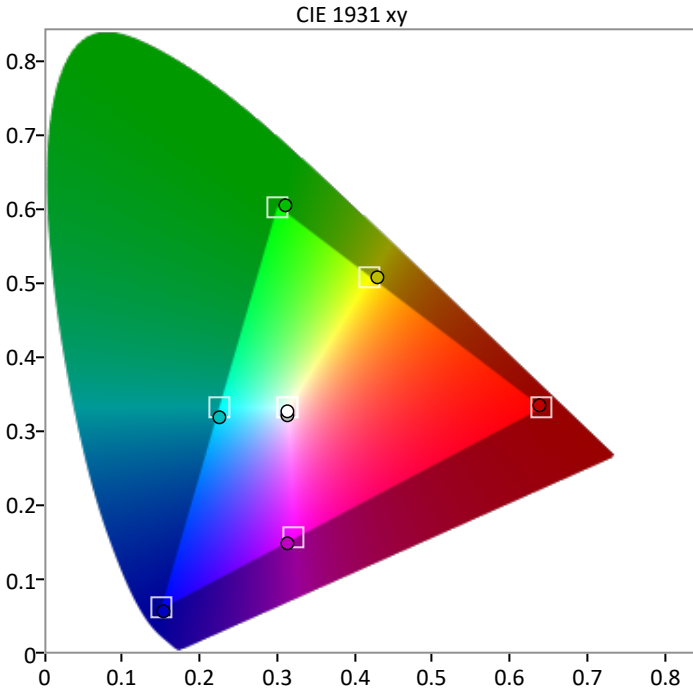
CollectionMax dE2000: 2.2979



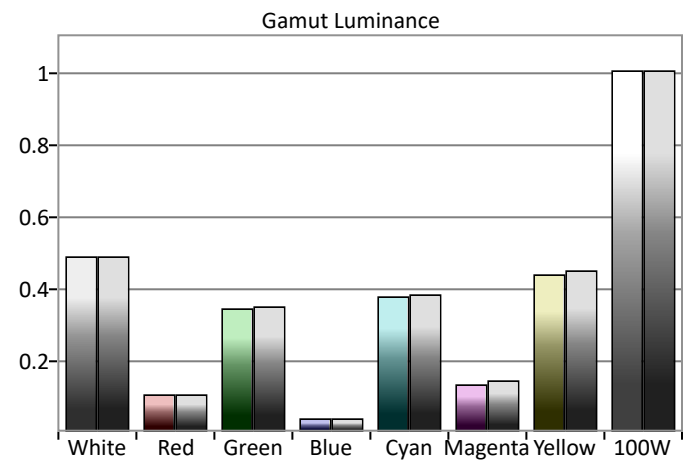
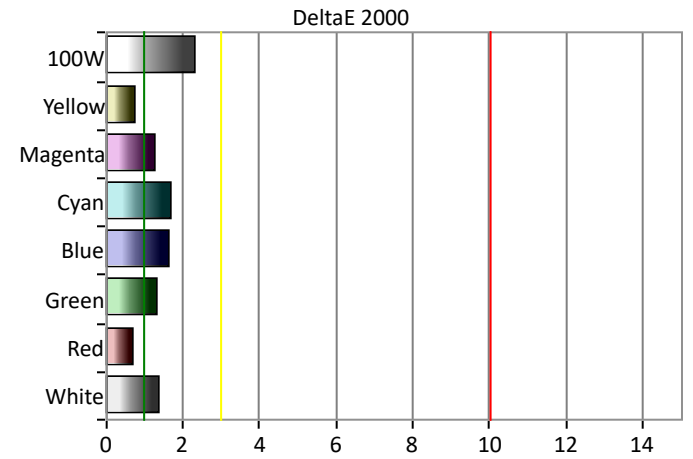
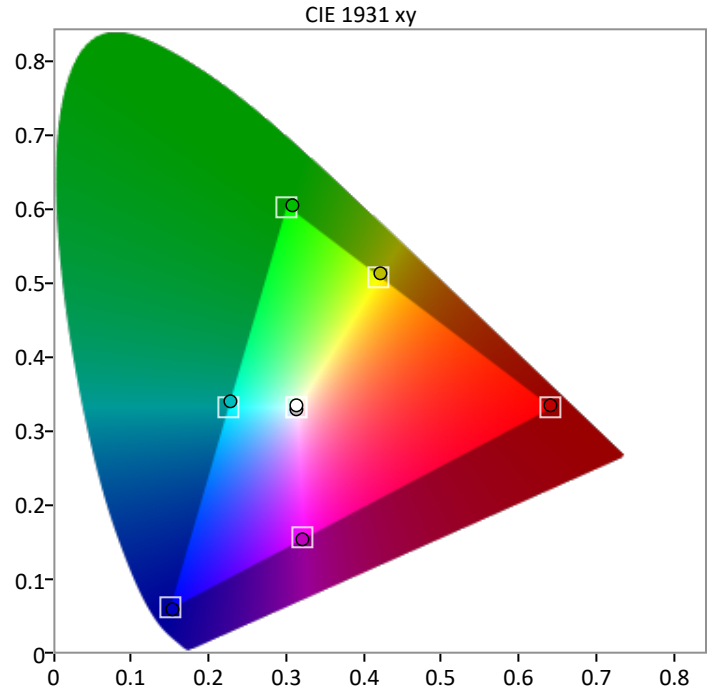
Total Gamma: 2.4161



Pre Calibration Results



Post Calibration Results





Pre Calibration Results

	0	10	20	30	40	50	60	70	80	90	100
x: CIE31	0.243	0.309	0.312	0.313	0.313	0.313	0.312	0.313	0.313	0.312	0.313
y: CIE31	0.243	0.313	0.311	0.315	0.317	0.318	0.320	0.318	0.321	0.322	0.325
Y	0.008	0.188	0.788	1.978	3.776	6.323	9.434	13.022	18.044	23.677	30.403
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	0.008	0.130	0.654	1.717	3.416	5.830	8.863	12.861	17.751	23.583	30.403
CCT	26398.000	6863.000	6695.000	6582.000	6557.000	6592.000	6594.000	6570.000	6574.000	6619.000	6541.000
ΔE 2000	0.395	1.945	4.467	4.783	5.075	5.221	5.054	6.288	4.846	4.599	3.090

	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.313	0.639	0.311	0.152	0.225	0.314	0.430	0.313
y: CIE31	0.319	0.332	0.601	0.054	0.315	0.147	0.504	0.325
Y	15.360	3.382	10.879	1.101	12.017	4.383	14.185	30.385
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	15.360	3.266	10.985	1.109	12.094	4.375	14.252	30.385
ΔE 2000	5.984	0.688	1.534	2.406	3.554	1.141	2.161	3.076

Post Calibration Results

	0	10	20	30	40	50	60	70	80	90	100
x: CIE31	0.247	0.311	0.314	0.314	0.313	0.313	0.313	0.313	0.313	0.312	0.313
y: CIE31	0.247	0.327	0.325	0.324	0.324	0.327	0.326	0.327	0.328	0.330	0.332
Y	0.008	0.145	0.624	1.602	3.241	5.662	8.578	12.283	17.178	23.117	29.723
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	0.008	0.128	0.640	1.679	3.340	5.700	8.665	12.573	17.354	23.056	29.723
CCT	22855.000	6639.000	6485.000	6454.000	6532.000	6507.000	6497.000	6482.000	6473.000	6518.000	6452.000
ΔE 2000	0.389	0.334	1.030	1.984	2.096	1.307	1.579	1.847	1.004	0.794	2.298

	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.314	0.640	0.308	0.153	0.229	0.322	0.423	0.313
y: CIE31	0.328	0.332	0.602	0.057	0.336	0.152	0.509	0.332
Y	14.189	2.972	9.930	0.942	11.028	3.763	12.866	29.384
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	14.189	3.017	10.147	1.024	11.171	4.042	13.165	29.384
ΔE 2000	1.363	0.714	1.304	1.643	1.692	1.302	0.778	2.315