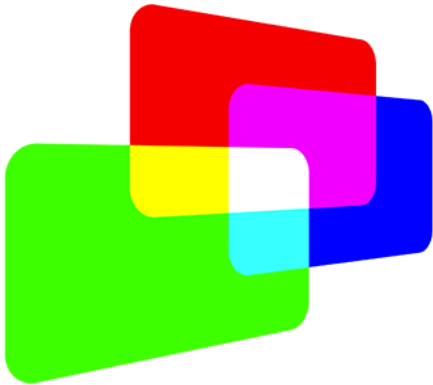


CalMAN 5

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

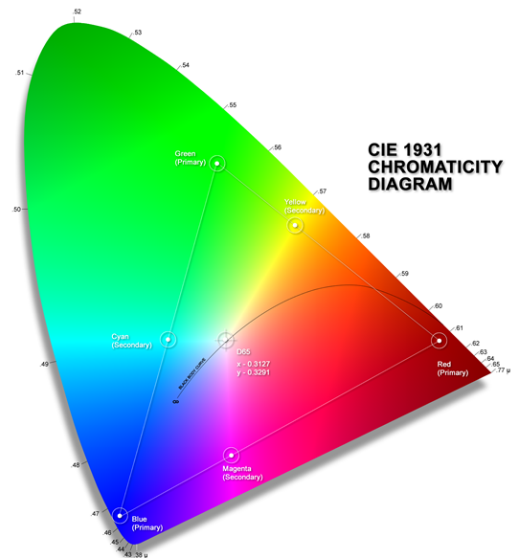
ISF level II certified

THX level II video calibrator

Lyd&Bilde Panasonic DX900E

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: ITU_BT1886
	Gamma: 1
Color Gamut Target	Gamma: D65, HD Rec.709

Pre Calibration Settings

PictureMode: Professional 1

ColorTemp:

Gamma: 1886

BackLight: 30

Brightness: 0

Contrast: 90

Color: 50

Tint: 0

Sharpness: 30

High

Red

0

Green

0

Blue

0

Low

Red

0

Green

0

Blue

0

Note: default professional 1, men med 1886 gamma

Post Calibration Settings

Picture Mode: Professional 1

ColorTemp: Warm 2

Gamma: 1886

BackLight: 30

Brightness: -1

Contrast: 90

Color: 50

Tint: 0

Sharpness: 30

High

Red

-2

Green

0

Blue

-1

Low

Red

-4

Green

-6

Blue

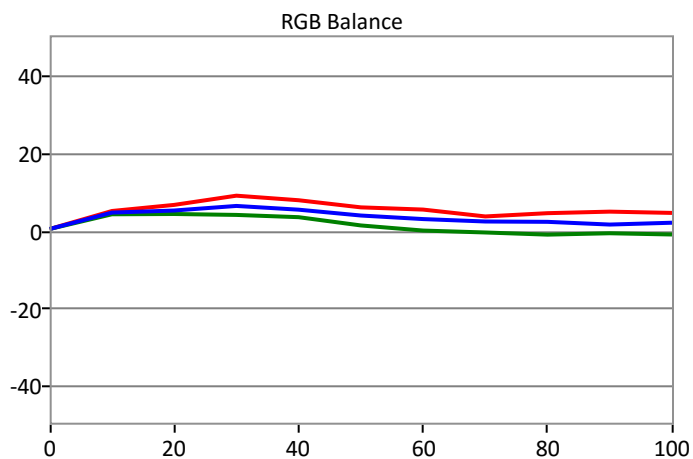
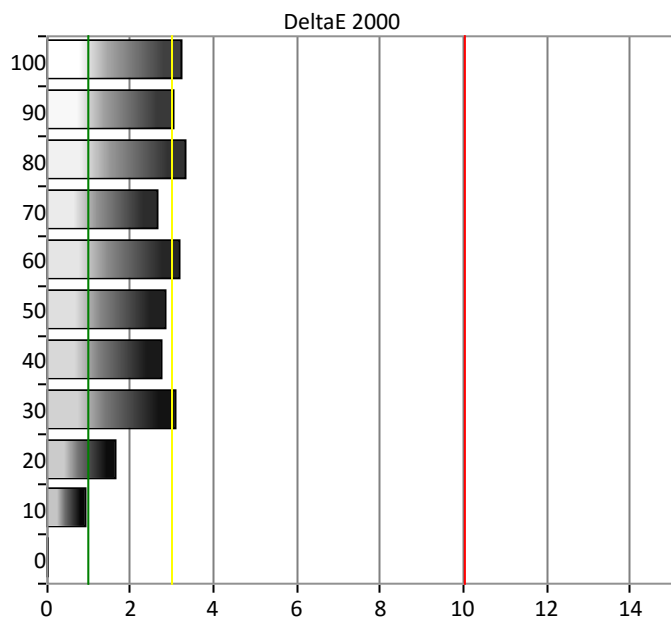
-1

Post note: Kalibrert 10-punkt gråskala for å rette opp gamma

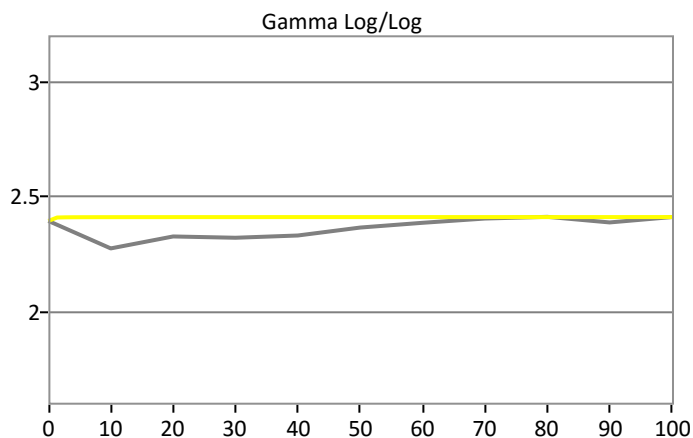
TV er ikke i nærheten av å "klippe" eller brenne ut selv ved 110%
signalstyrke

Pre Calibration Results

CollectionMax dE2000: 3.3312

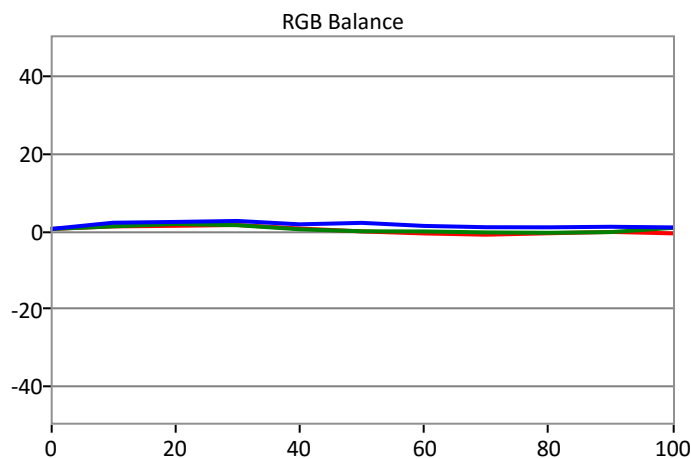
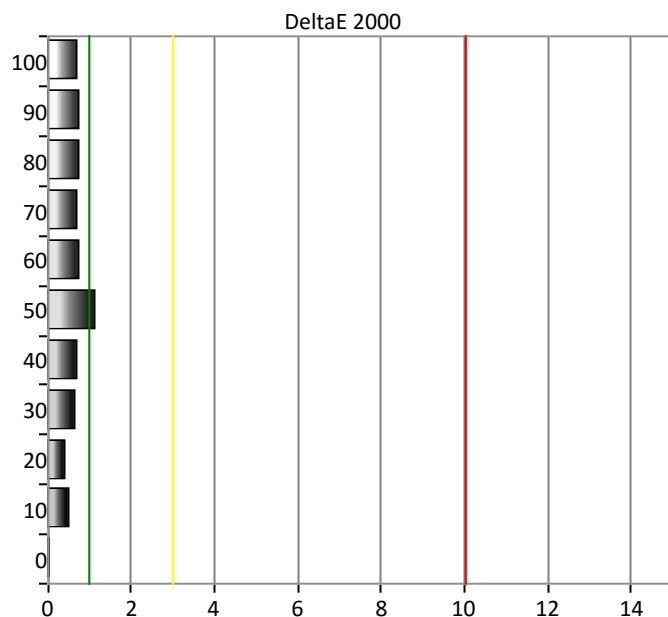


Total Gamma: 2.3456

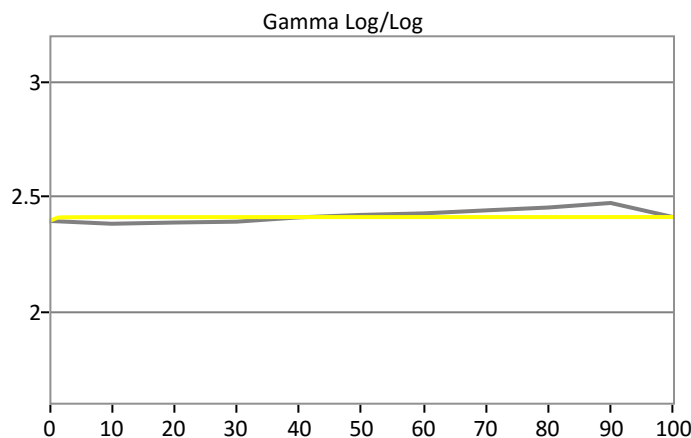


Post Calibration Results

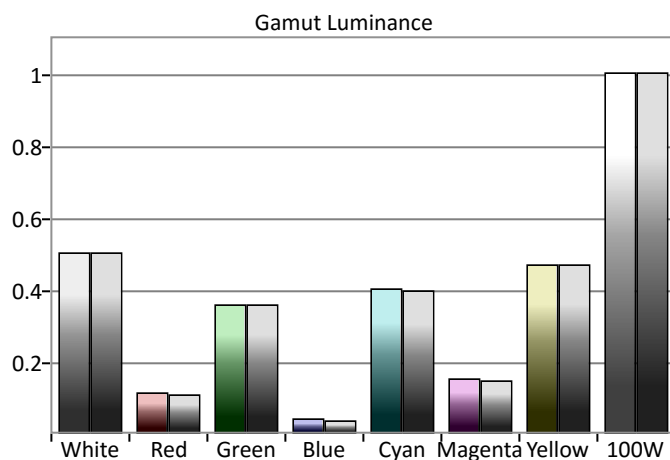
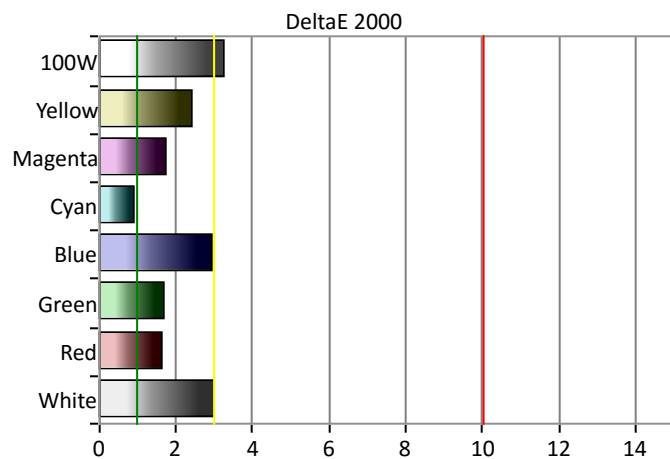
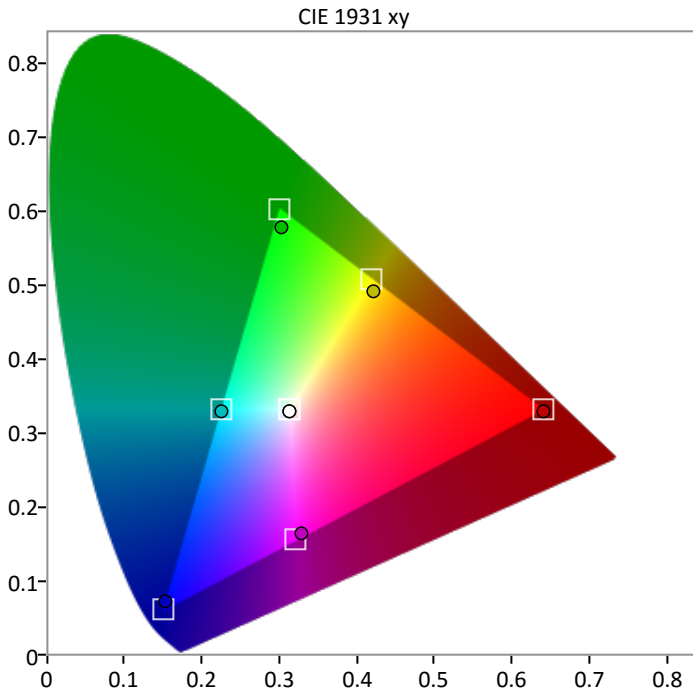
CollectionMax dE2000: 1.1192



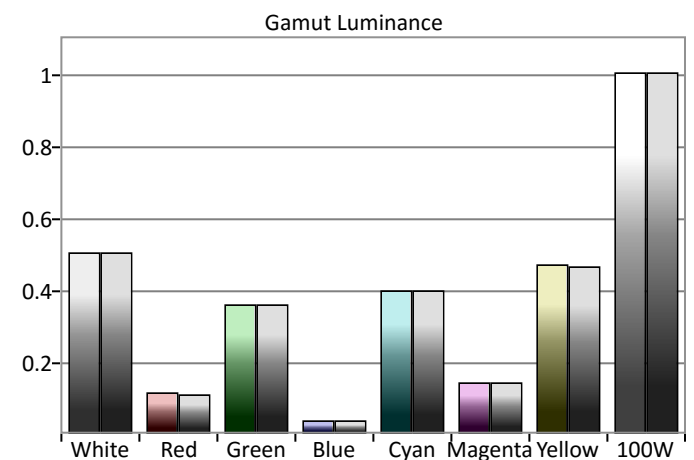
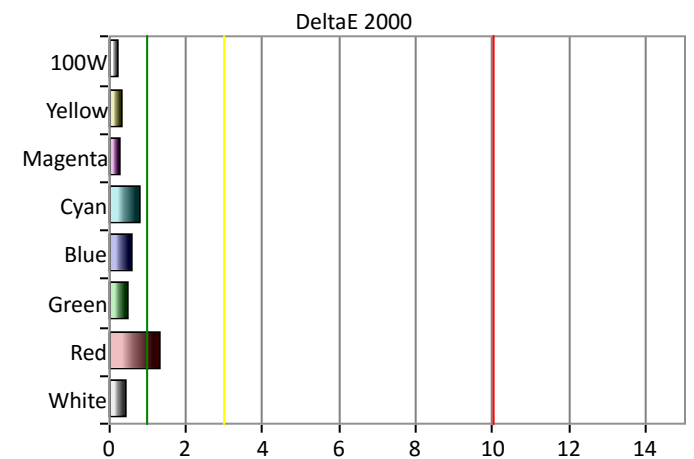
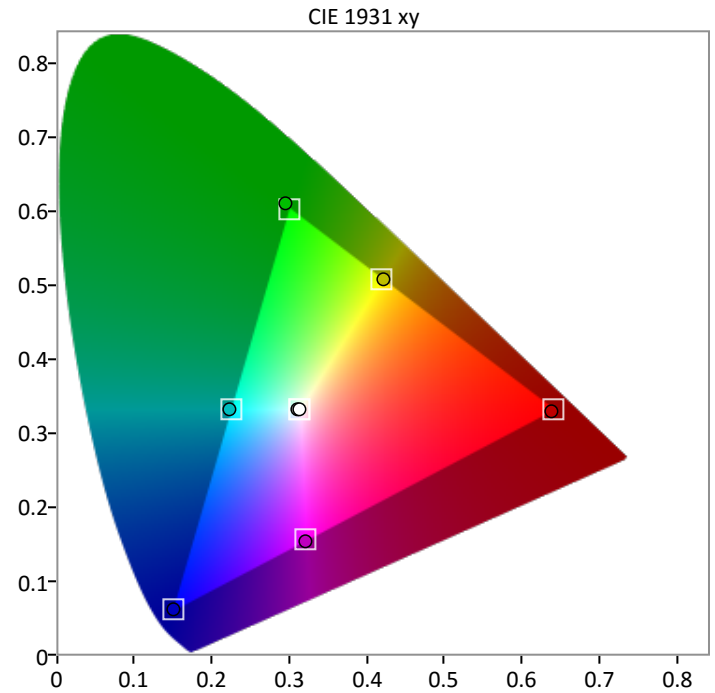
Total Gamma: 2.4093



Pre Calibration Results



Post Calibration Results





Pre Calibration Results

	0	10	20	30	40	50	60	70	80	90	100
x: CIE31	0.333	0.315	0.316	0.317	0.316	0.315	0.315	0.314	0.314	0.315	0.314
y: CIE31	0.333	0.326	0.326	0.324	0.325	0.325	0.325	0.326	0.325	0.327	0.326
Y	0.000	1.157	5.109	13.153	25.332	41.509	61.963	88.994	122.545	163.264	209.969
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	0.000	0.846	4.463	11.806	23.546	40.224	61.175	88.792	122.573	162.860	209.969
CCT	5456.000	6413.000	6349.000	6302.000	6355.000	6401.000	6399.000	6462.000	6431.000	6394.000	6432.000
ΔE 2000	0.000	0.949	1.651	3.085	2.758	2.859	3.191	2.656	3.331	3.042	3.260

	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.314	0.641	0.304	0.153	0.227	0.330	0.421	0.314
y: CIE31	0.325	0.326	0.574	0.071	0.326	0.162	0.489	0.326
Y	105.509	23.868	75.294	8.973	84.189	32.365	98.703	210.026
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	105.509	22.437	75.455	7.616	83.072	30.053	97.892	210.026
ΔE 2000	3.015	1.642	1.675	2.931	0.906	1.733	2.413	3.255

Post Calibration Results

	0	10	20	30	40	50	60	70	80	90	100
x: CIE31	0.333	0.308	0.311	0.311	0.311	0.311	0.311	0.311	0.312	0.312	0.312
y: CIE31	0.333	0.321	0.327	0.326	0.327	0.326	0.327	0.327	0.327	0.328	0.329
Y	0.000	0.903	4.632	12.085	23.559	39.937	60.633	87.814	121.359	161.705	209.839
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	0.000	0.845	4.460	11.799	23.532	40.199	61.137	88.736	122.497	162.759	209.839
CCT	5456.000	6874.000	6632.000	6606.000	6590.000	6651.000	6611.000	6597.000	6572.000	6558.000	6554.000
ΔE 2000	0.000	0.505	0.413	0.640	0.691	1.119	0.735	0.714	0.747	0.729	0.672

	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.312	0.639	0.296	0.151	0.222	0.320	0.421	0.312
y: CIE31	0.328	0.326	0.607	0.059	0.331	0.152	0.505	0.329
Y	104.986	23.085	74.826	7.447	83.164	29.800	98.053	210.010
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	104.986	22.326	75.082	7.579	82.660	29.904	97.408	210.010
ΔE 2000	0.463	1.325	0.519	0.575	0.810	0.299	0.347	0.246