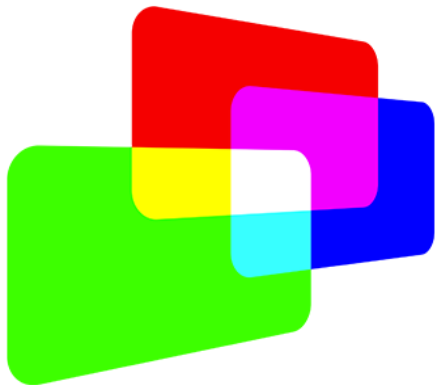


CalMAN 5

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

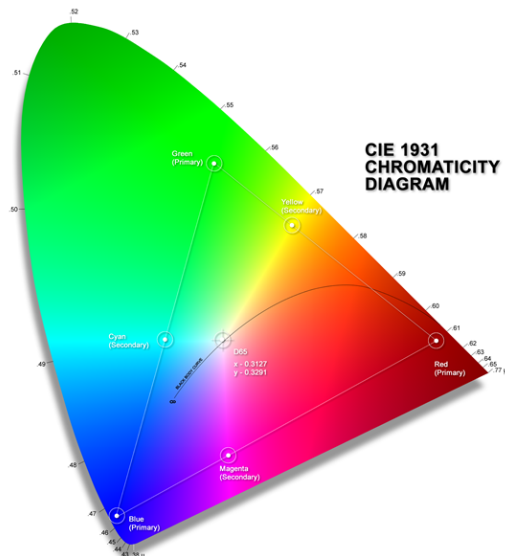
ISF level II certified

THX level II video calibrator

Lyd&Bilde Panasonic 65CZ950

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: Professional 2
ColorTemp: Warm2
Gamma: 2.4
BackLight: 50
Brightness: 50 Contrast: 90
Color: 50 Tint: 0
Sharpness: 10

High

Red	Green	Blue
0	0	0

Low

Red	Green	Blue
0	0	0

Note:

Post Calibration Settings

Picture Mode: Professional 2
ColorTemp: Warm2
Gamma: 2.4
BackLight: 55
Brightness: 57 Contrast: 90
Color: 50 Tint: 50
Sharpness: 0

High

Red	Green	Blue
2	-1	0

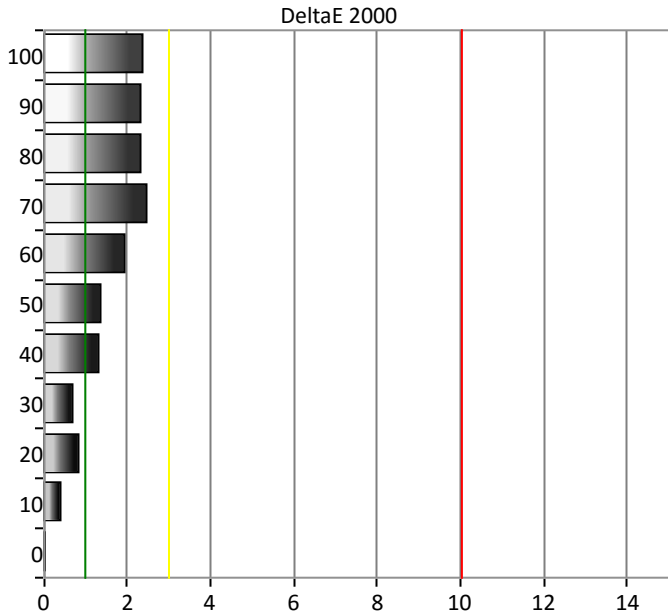
Low

Red	Green	Blue
0	0	0

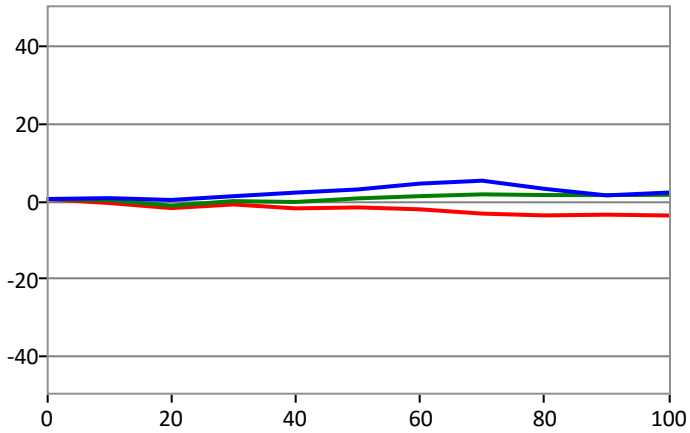
Post note: All processing OFF

Pre Calibration Results

CollectionMax dE2000: 2.4595

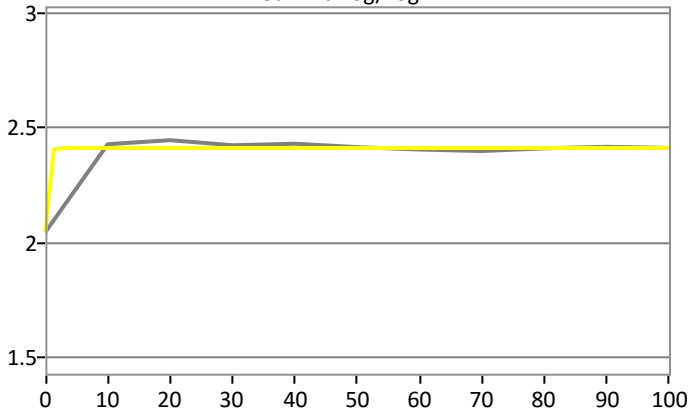


RGB Balance



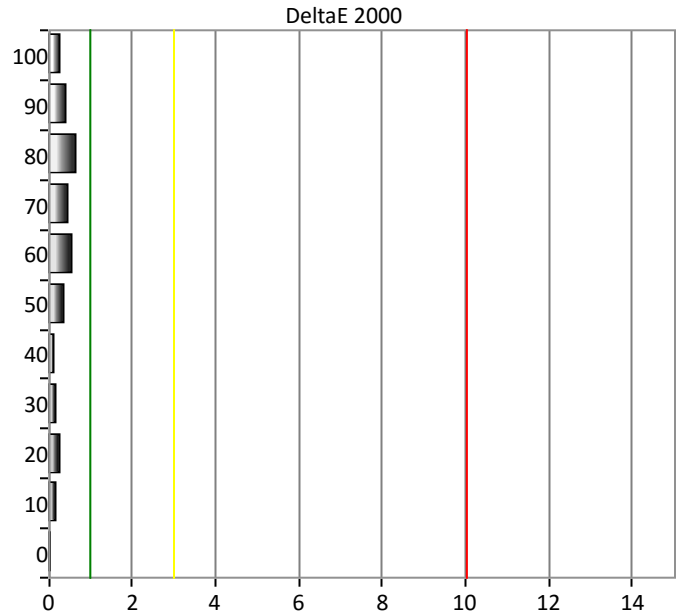
Total Gamma: 2.4076

Gamma Log/Log

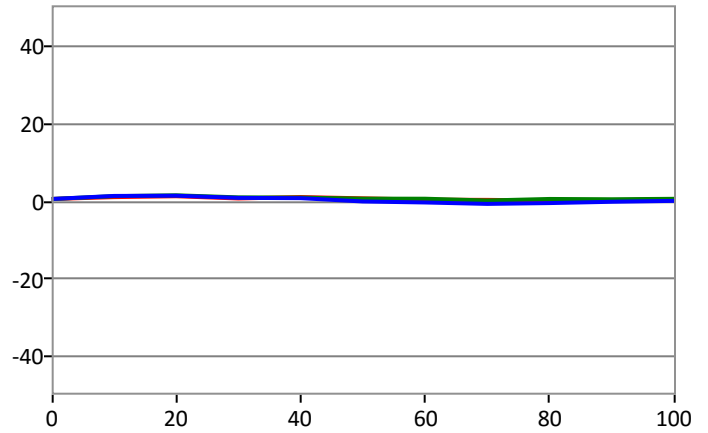


Post Calibration Results

CollectionMax dE2000: 0.632

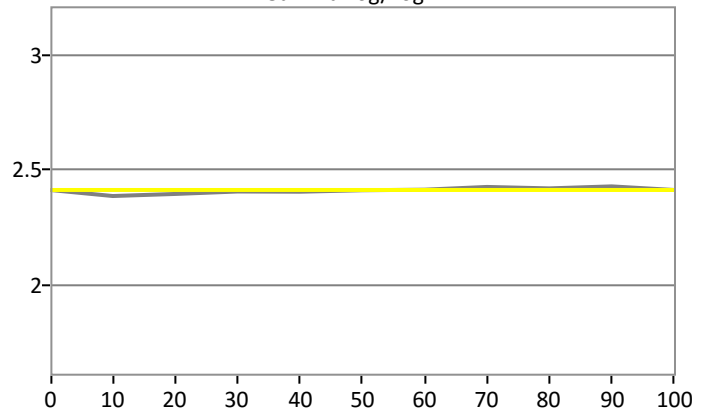


RGB Balance



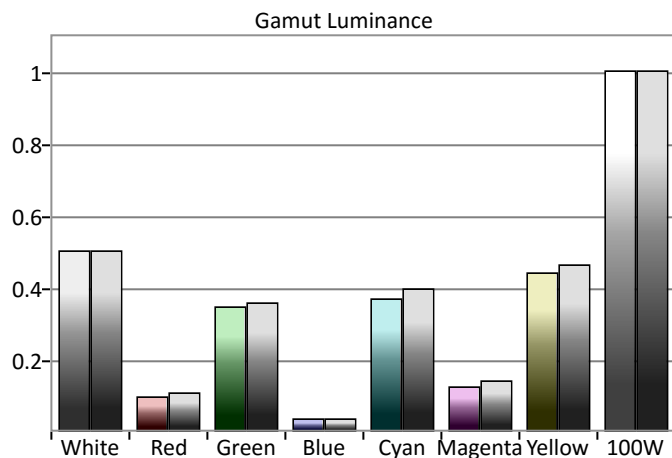
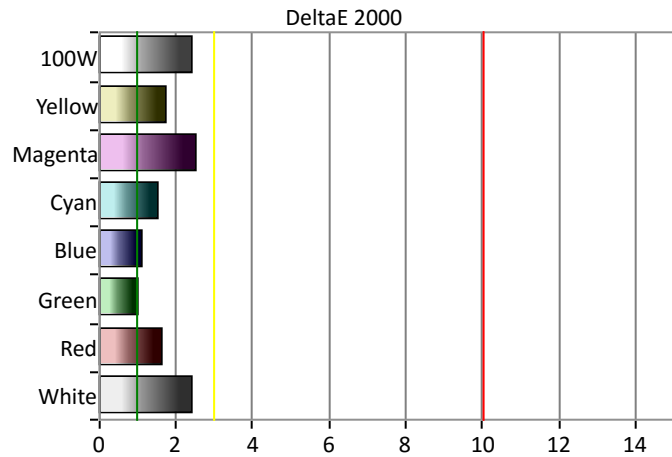
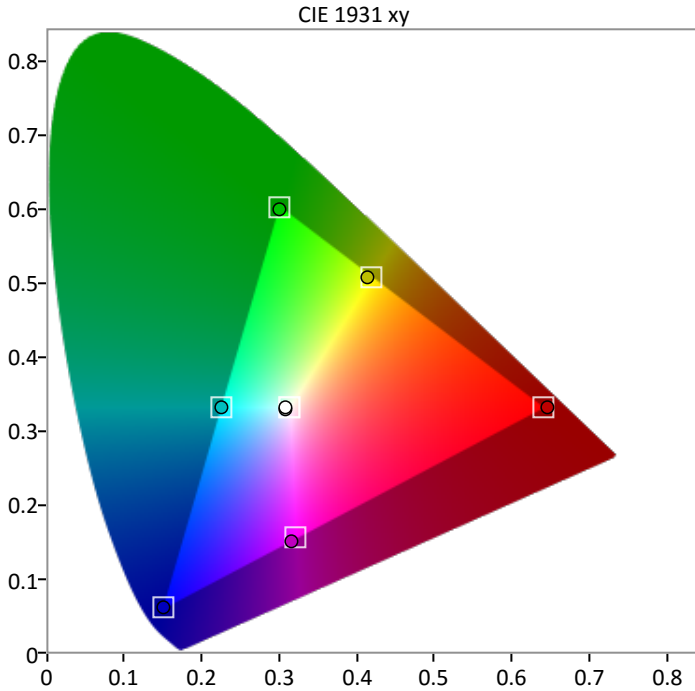
Total Gamma: 2.3976

Gamma Log/Log

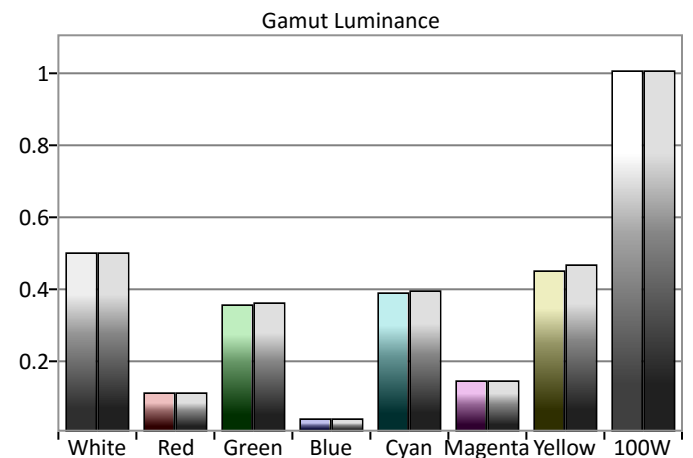
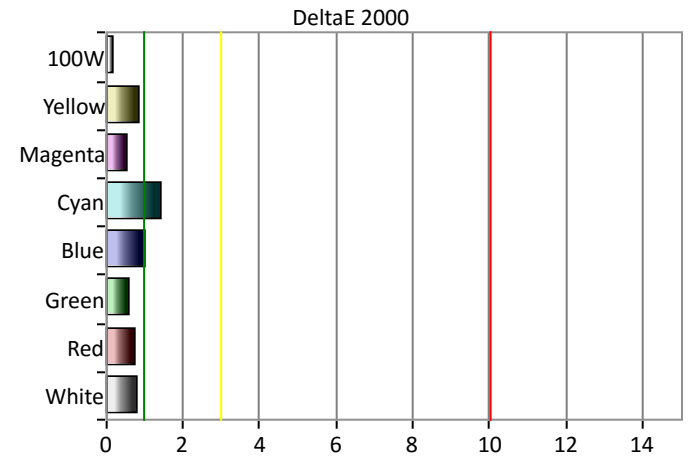
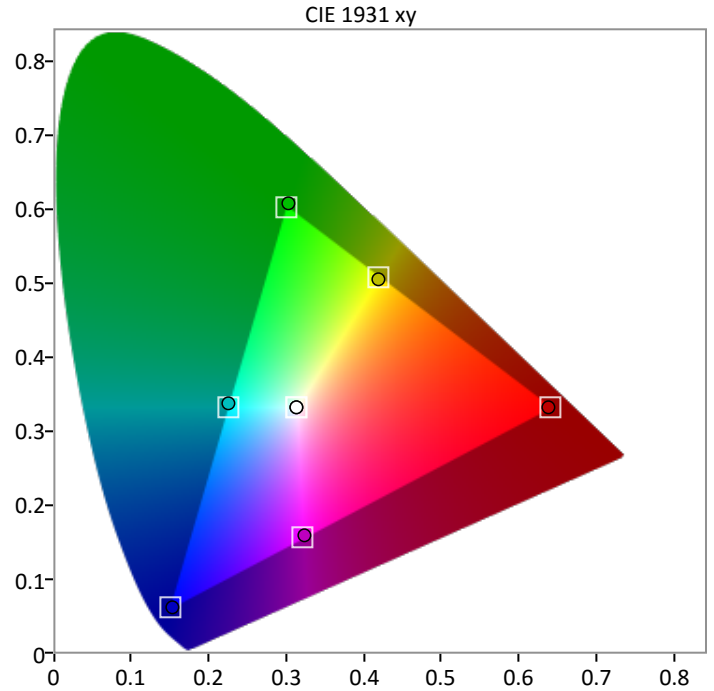




Pre Calibration Results



Post Calibration Results





Pre Calibration Results

	0	10	20	30	40	50	60	70	80	90	100
x: CIE31	0.000	0.305	0.308	0.310	0.308	0.308	0.307	0.306	0.308	0.309	0.309
y: CIE31	1.000	0.324	0.324	0.326	0.324	0.325	0.325	0.325	0.327	0.329	0.328
Y	0.000	0.230	1.192	3.284	6.533	11.322	17.323	25.178	34.604	45.938	59.259
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	0.239	1.259	3.331	6.644	11.351	17.264	25.058	34.592	45.963	59.259
CCT	8931.000	7007.000	6794.000	6706.000	6817.000	6795.000	6868.000	6911.000	6786.000	6681.000	6701.000
ΔE 2000	0.004	0.397	0.833	0.690	1.299	1.375	1.935	2.460	2.328	2.344	2.395

	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.307	0.646	0.300	0.150	0.226	0.316	0.414	0.309
y: CIE31	0.326	0.330	0.597	0.059	0.328	0.149	0.503	0.328
Y	29.671	5.706	20.390	1.919	21.955	7.384	26.050	59.323
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	29.671	6.310	21.219	2.142	23.361	8.451	27.529	59.323
ΔE 2000	2.446	1.657	0.994	1.099	1.523	2.505	1.763	2.407

Post Calibration Results

	0	10	20	30	40	50	60	70	80	90	100
x: CIE31	0.333	0.311	0.312	0.312	0.313	0.314	0.313	0.313	0.313	0.313	0.313
y: CIE31	0.333	0.328	0.329	0.329	0.329	0.330	0.330	0.330	0.330	0.330	0.329
Y	0.000	0.270	1.378	3.575	7.124	12.097	18.370	26.555	36.777	48.860	63.100
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	0.254	1.340	3.547	7.075	12.087	18.383	26.682	36.834	48.942	63.100
CCT	5456.000	6607.000	6519.000	6516.000	6483.000	6452.000	6462.000	6453.000	6472.000	6488.000	6485.000
ΔE 2000	0.000	0.175	0.246	0.190	0.143	0.373	0.549	0.455	0.632	0.402	0.279

	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.313	0.638	0.303	0.152	0.225	0.325	0.420	0.313
y: CIE31	0.331	0.328	0.604	0.061	0.335	0.157	0.503	0.329
Y	31.326	6.605	22.100	2.073	24.340	8.795	28.150	62.906
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	31.326	6.662	22.403	2.261	24.665	8.923	29.065	62.906
ΔE 2000	0.825	0.781	0.624	1.039	1.419	0.566	0.864	0.189