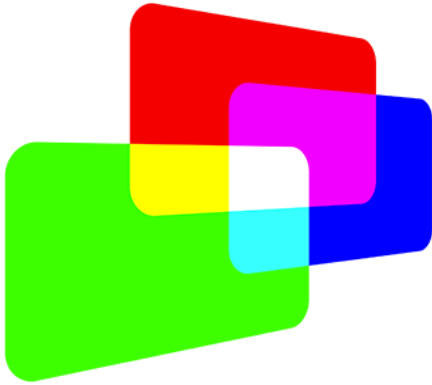


CalMAN

Ultimate Edition
Display Calibration Software



ProCal



ProCal - Gorm Sørensen

Sandshagan 11
Jessheim, 2067

Gorm Sørensen

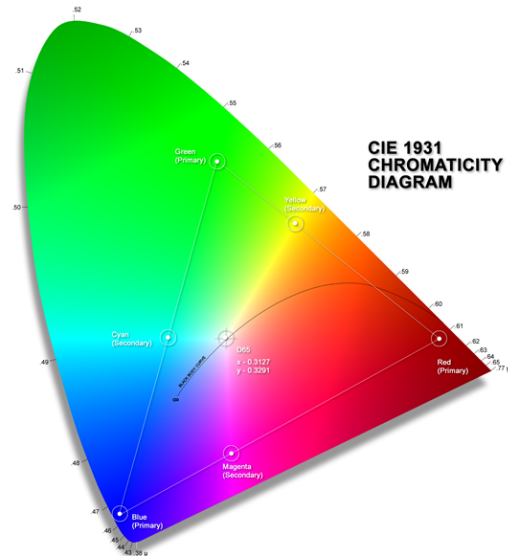
Telefon: +47 41 51 61 71
epost: gorm@procal.no

ISF level II certified

THX level II video calibrator

Lyd&Bilde LG OLED55B7V

Telefon:
epost:





Gorm Sørensen
Phone: +47 41 51 61 71
Email: gorm@procal.no

METER Klein Instruments K Series

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

SOURCE Murideo 6G Generator

Model: Murideo - 6G
Info: Murideo 6G Generator 115200 baud

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 BT.709

Pre Calibration Settings

PictureMode: ISF Expert (mørkt rom)
ColorTemp: Warm2
Gamma: 1886
BackLight:
Brightness: 50 Contrast: 85
Color: 50 Tint: 0
Sharpness: 10

High

Red	Green	Blue
0	0	0

Low

Red	Green	Blue
0	0	0

Note: default Cinema Film 1

Post Calibration Settings

Picture Mode: ISF Expert (mørkt rom)
ColorTemp: Warm2
Gamma: 1886
BackLight:
Brightness: 51 Contrast: 85
Color: 50 Tint: 50
Sharpness: 5 H&V

High

Red	Green	Blue
-1	0	4

Low

Red	Green	Blue
0	0	2

Post note: All prosessering OFF

Gamma litt "mørk" og ujevn, men perfekt etter 20 -punkt kalibrering. LG kunne med fordel ha redusert til 10-punkt hvitbalanse

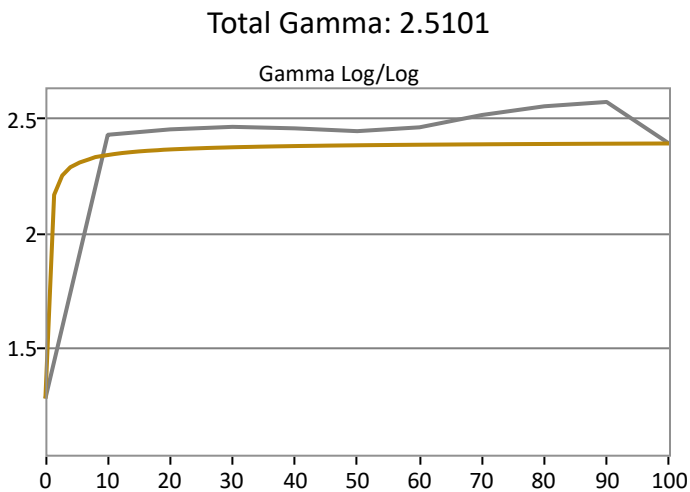
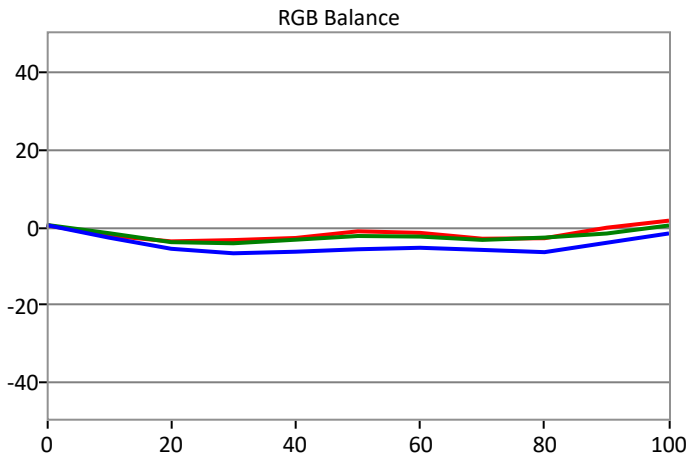
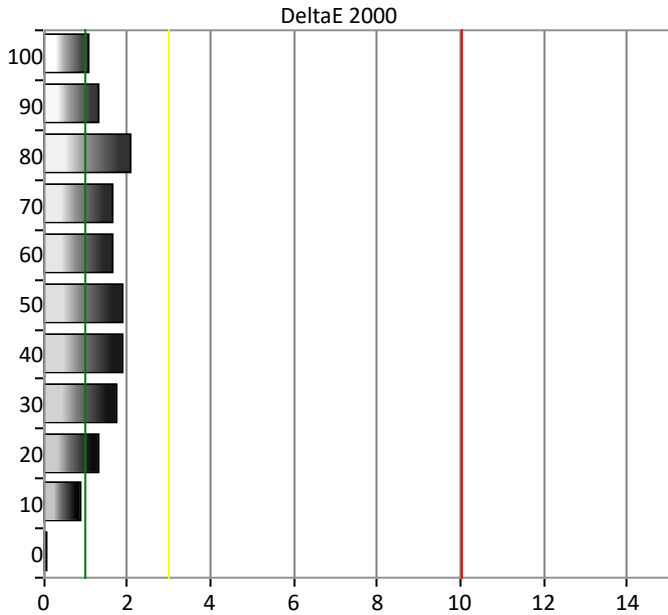
Fargerommet lar seg kalibrere veldig bra, med lineær respons i saturation sweep

Bra fargedekoder, og lave 0,76 delta avvik målt via Calman colorchecker



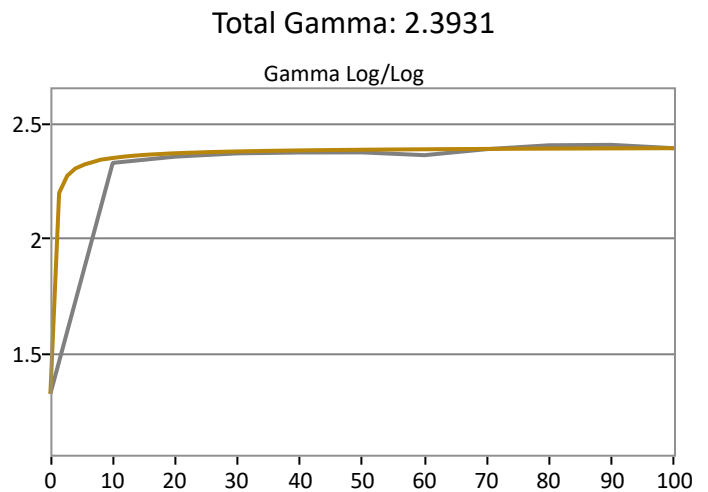
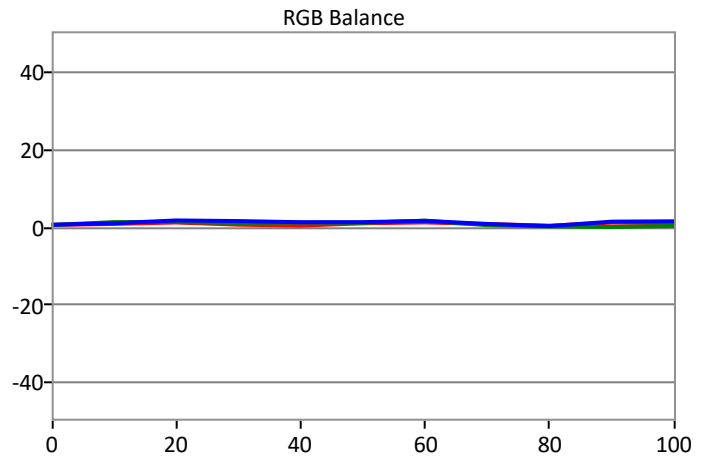
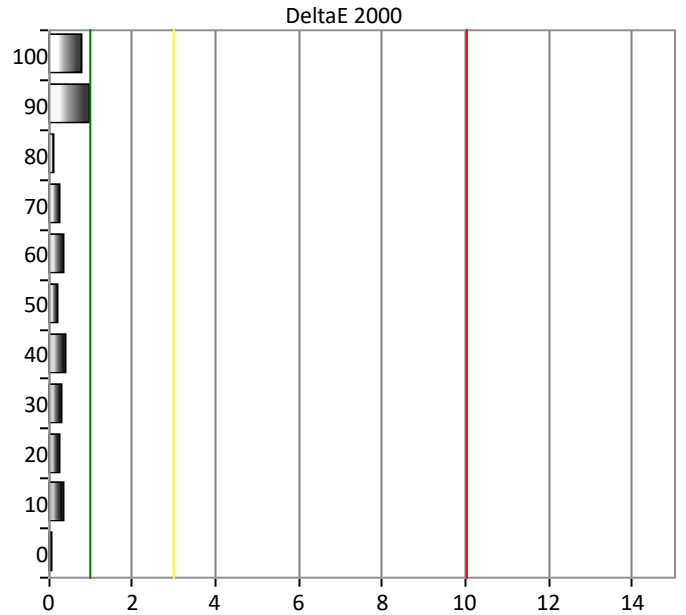
Pre Calibration Results

CollectionMax dE2000: 2.0749



Post Calibration Results

CollectionMax dE2000: 1.0043

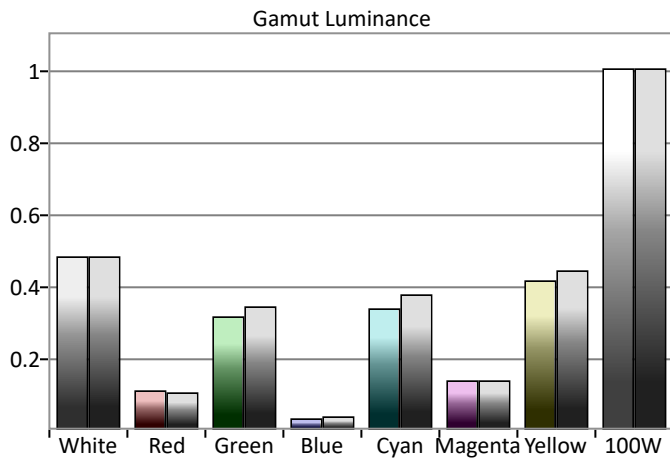
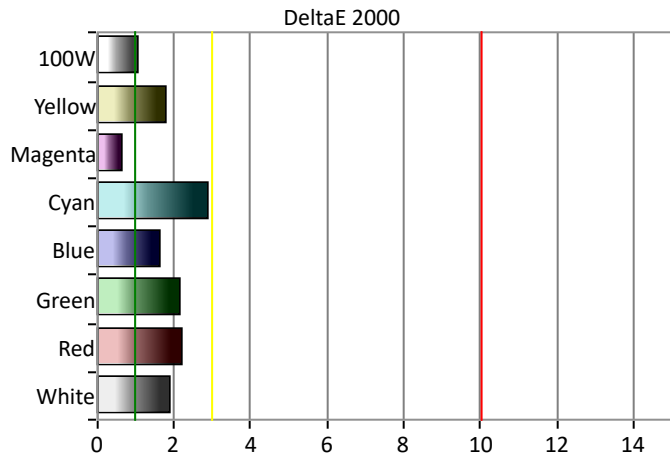
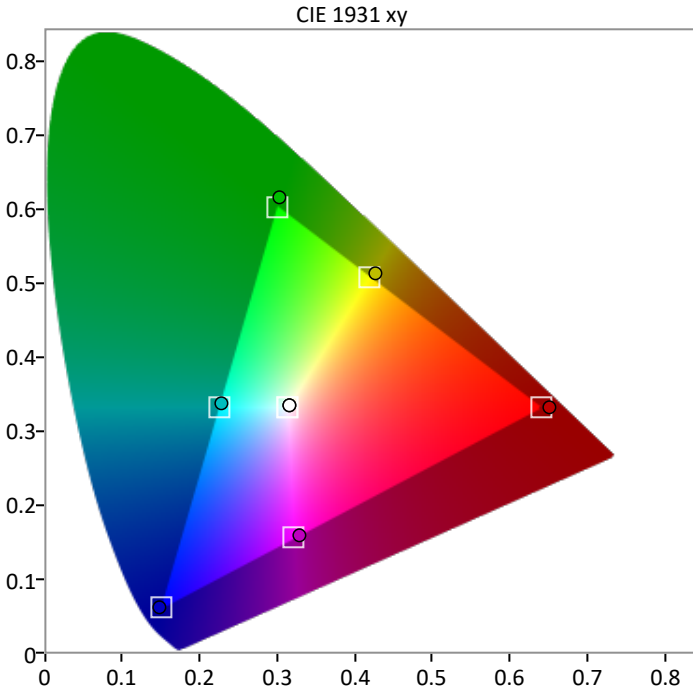




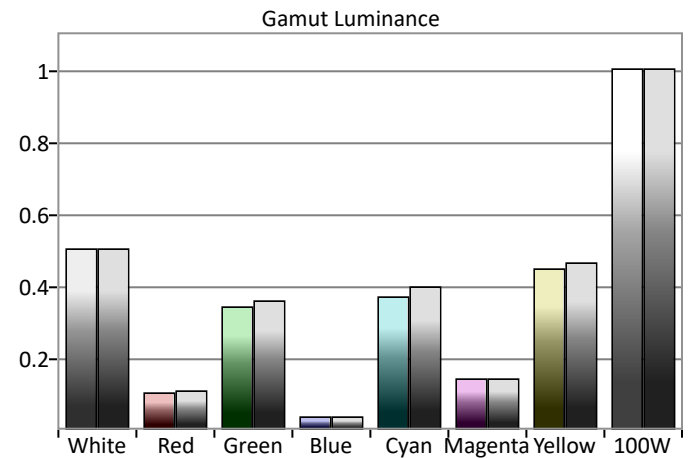
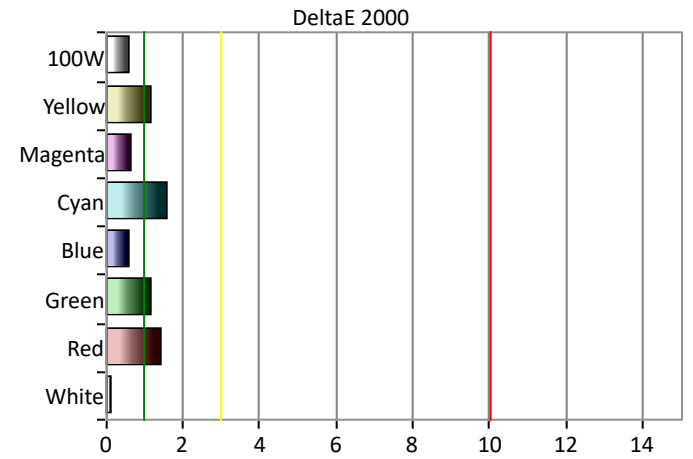
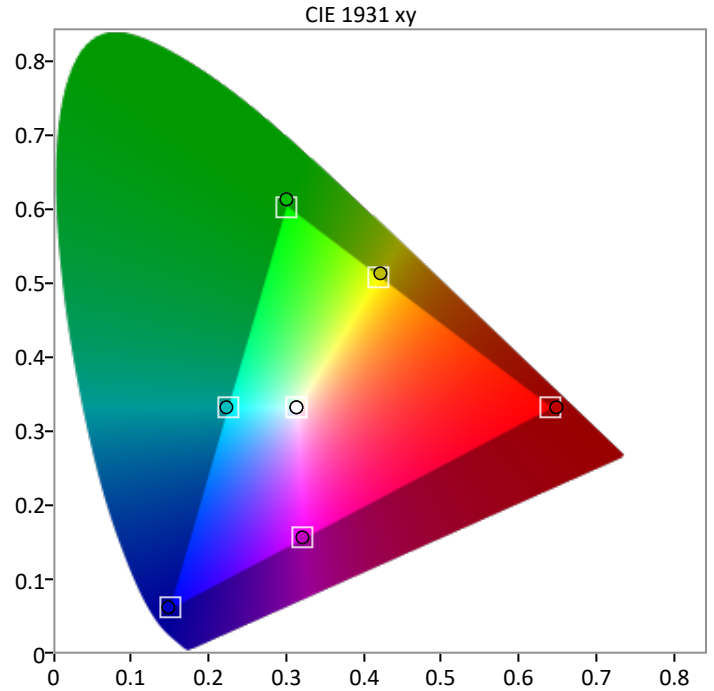
ProCal
IHX
CERTIFIED

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Pre Calibration Results



Post Calibration Results





Pre Calibration Results

	0	10	20	30	40	50	60	70	80	90	100
x: CIE31	0.000	0.316	0.317	0.318	0.317	0.317	0.316	0.315	0.315	0.315	0.315
y: CIE31	1.000	0.341	0.335	0.335	0.335	0.335	0.333	0.332	0.333	0.331	0.331
Y	0.001	0.447	2.304	6.122	12.480	21.731	32.973	47.329	65.715	88.638	116.266
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	0.001	0.547	2.651	6.812	13.388	22.670	34.283	49.547	68.178	90.361	116.266
CCT	8931.000	6275.000	6258.000	6194.000	6245.000	6226.000	6300.000	6364.000	6347.000	6356.000	6389.000
ΔE 2000	0.048	0.872	1.316	1.742	1.907	1.915	1.659	1.638	2.075	1.308	1.063

	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.315	0.652	0.302	0.148	0.228	0.328	0.426	0.315
y: CIE31	0.333	0.330	0.612	0.060	0.335	0.157	0.511	0.331
Y	56.992	12.873	37.135	3.562	40.087	16.215	49.588	119.307
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	56.992	12.120	40.758	4.114	44.872	16.234	52.878	119.307
ΔE 2000	1.904	2.222	2.188	1.636	2.874	0.652	1.780	1.079

Post Calibration Results

	0	10	20	30	40	50	60	70	80	90	100
x: CIE31	0.218	0.312	0.312	0.311	0.312	0.312	0.312	0.313	0.313	0.313	0.312
y: CIE31	0.108	0.332	0.328	0.328	0.329	0.329	0.329	0.329	0.329	0.328	0.328
Y	0.001	0.975	4.666	11.885	23.369	39.610	60.269	86.047	118.033	156.759	202.094
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	0.001	0.928	4.557	11.764	23.174	39.295	59.478	86.017	118.422	157.015	202.094
CCT	1866.000	6538.000	6570.000	6588.000	6563.000	6522.000	6523.000	6507.000	6500.000	6519.000	6525.000
ΔE 2000	0.052	0.340	0.266	0.309	0.400	0.205	0.377	0.245	0.136	1.004	0.774

	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.313	0.649	0.300	0.148	0.223	0.321	0.422	0.312
y: CIE31	0.329	0.330	0.609	0.060	0.329	0.153	0.510	0.328
Y	101.833	20.847	69.343	7.006	74.573	28.031	90.111	203.056
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	101.833	21.655	72.827	7.351	80.178	29.006	94.482	203.056
ΔE 2000	0.151	1.430	1.159	0.603	1.612	0.644	1.151	0.589