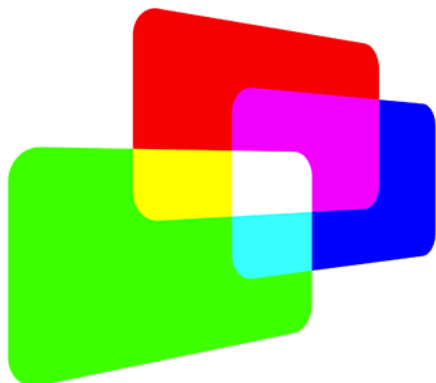


# CalMAN

Ultimate Edition  
Display Calibration Software



# ProCal



## ProCal - Gorm Sørensen

Sandshagan 11  
Jessheim, 2067

### Gorm Sørensen

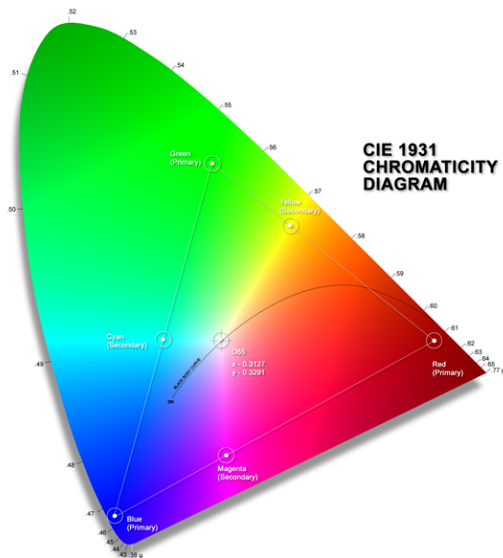
Telefon: +47 41 51 61 71  
epost: gorm@procal.no

ISF level II certified

THX level II video calibrator

## Lyd&Bilde Sony KD-65XE9305

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 SIX-G Generator

Model: Murideo - SIX-G (v1.77 or later)  
Info: Murideo SIX-G Generator 115200 baud

## IMAGE PROCESSOR Cube Generator

Model: SpectraCal - Cube Generator (3D LUT)  
Type:  
Info1: Cube Generator

## CALIBRATION STANDARD

Input Signal Levels NominalLevels: True  
Luminance Response Target GammaFormula: PowerFunction  
Gamma: 2.2  
Color Gamut Target Gamma: D65, HD Rec.709

## Pre Calibration Settings

PictureMode: Kino proff  
ColorTemp: Expert 1  
Gamma: 0  
BackLight: 40  
Brightness: 50                      Contrast: 82  
Color: 50                              Tint: 0  
Sharpness: 50

### High

Red	Green	Blue
0	0	0

### Low

Red	Green	Blue
0	0	0

Note: Lokal dimming medium

## Post Calibration Settings

Picture Mode: Kino Proff  
ColorTemp: Expert 1  
Gamma: 0  
BackLight: 40  
Brightness: 50                      Contrast: 90  
Color: 46                              Tint: 50  
Sharpness: 10

### High

Red	Green	Blue
-7	-8	-6

### Low

Red	Green	Blue
-9	-9	-9

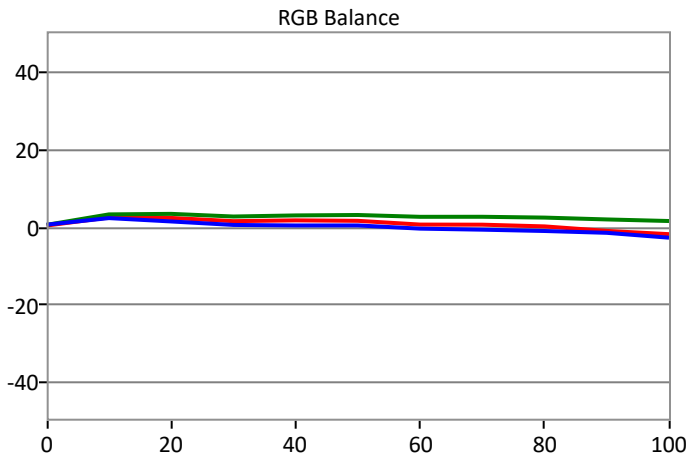
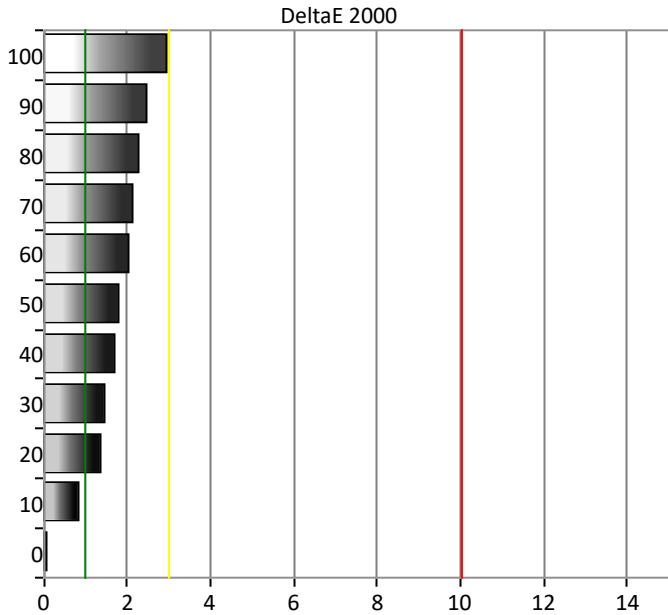
Post note: All prosessering OFF  
lokal dimming medium

TV har ikke CMS, men gir overraskende korrekt fargegjengivelse med en moderat senking av saturation

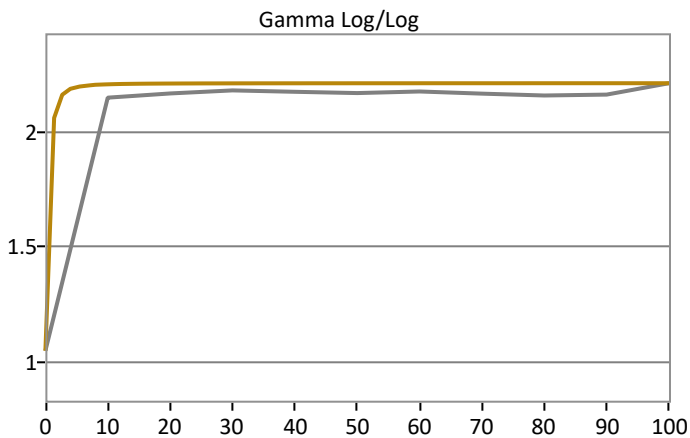


## Pre Calibration Results

CollectionMax dE2000: 2.9384

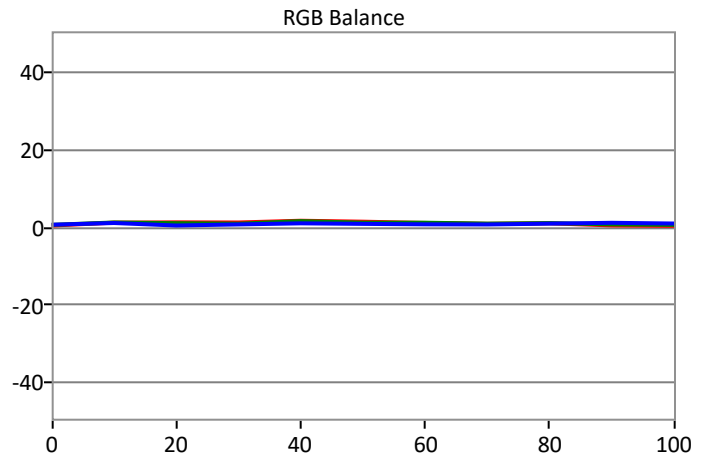
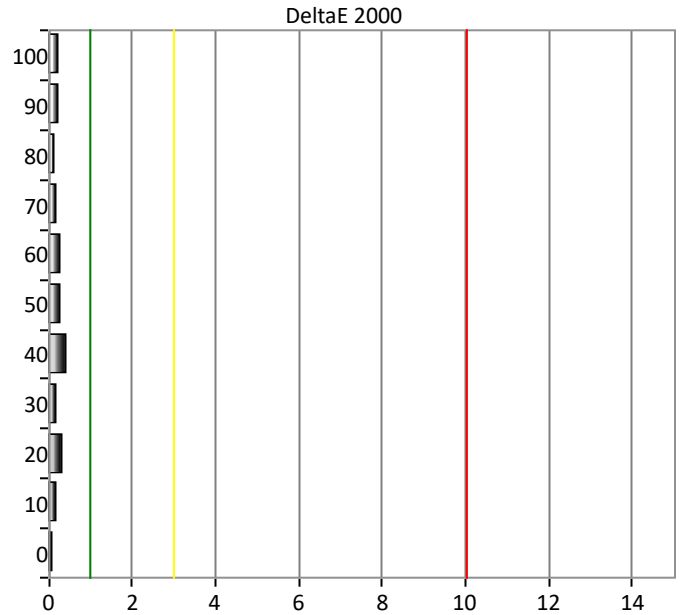


Total Gamma: 2.1559

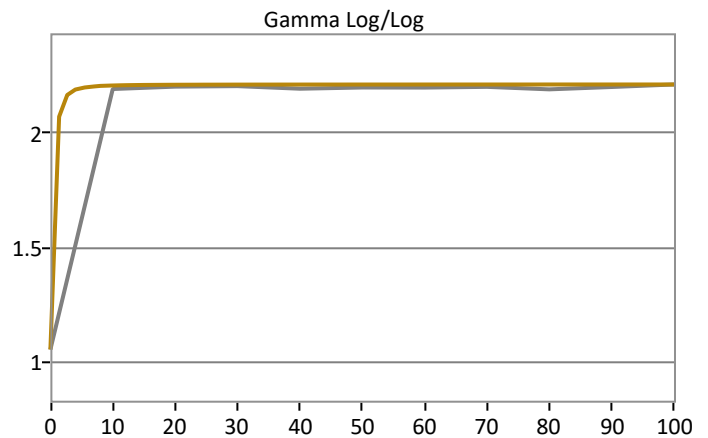


## Post Calibration Results

CollectionMax dE2000: 0.4235



Total Gamma: 2.1869

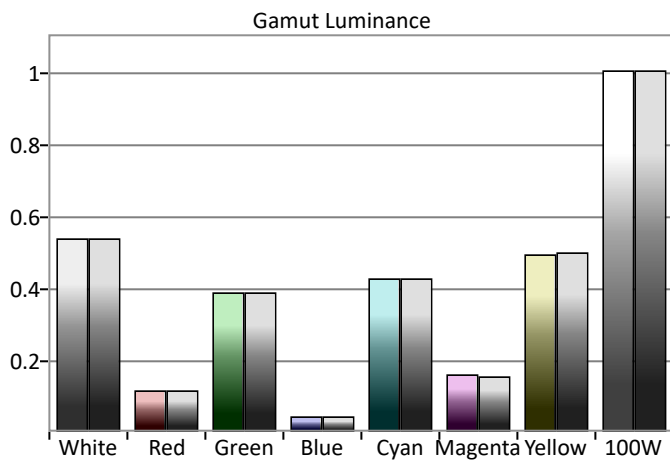
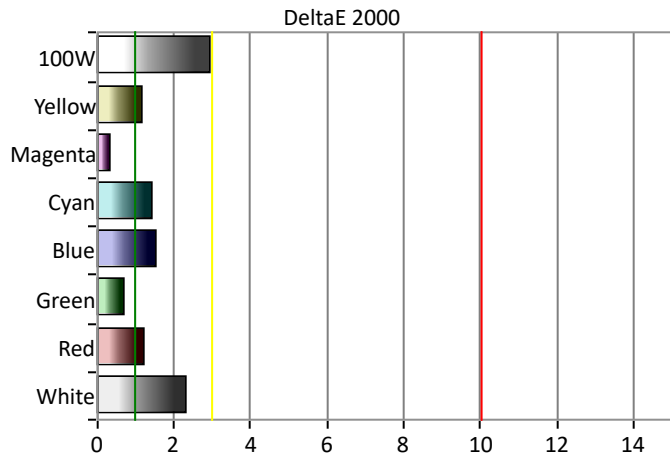
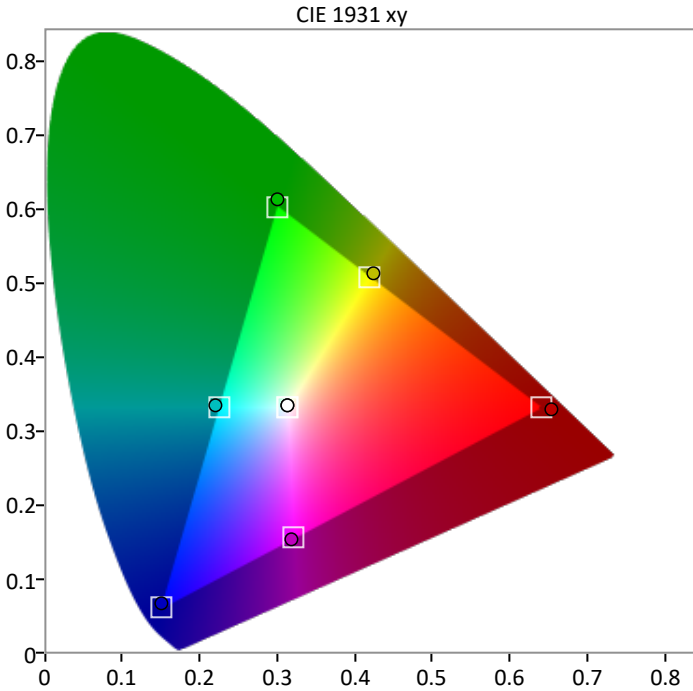




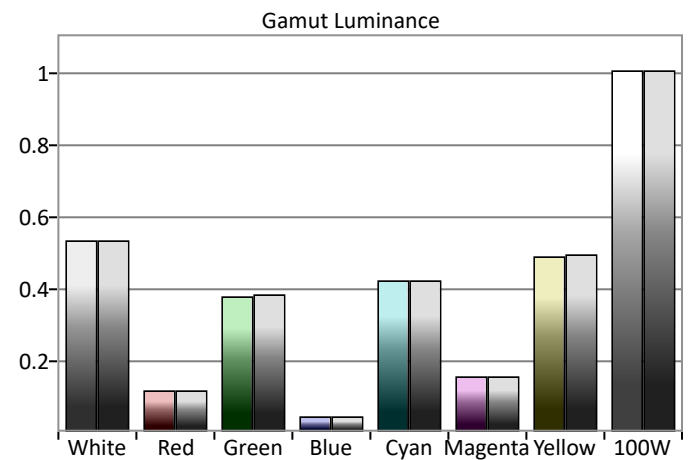
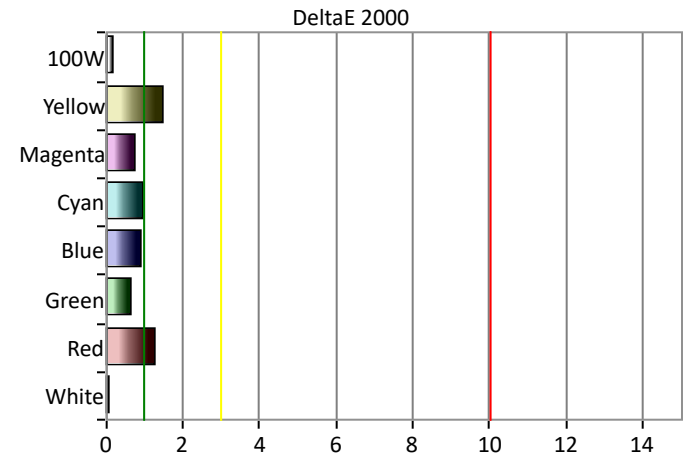
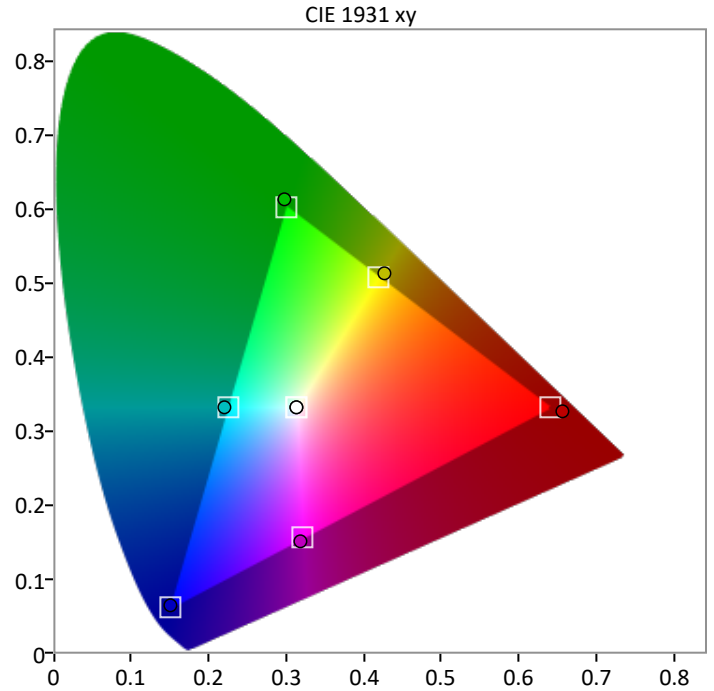
**ProCal**  
IHX  
CERTIFIED

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Email: gorm@procal.no

## Pre Calibration Results



## Post Calibration Results





## Pre Calibration Results

	0	10	20	30	40	50	60	70	80	90	100
x: CIE31	0.239	0.313	0.314	0.314	0.314	0.314	0.313	0.314	0.313	0.313	0.313
y: CIE31	0.306	0.334	0.335	0.334	0.334	0.333	0.333	0.333	0.333	0.332	0.333
Y	0.006	0.648	2.768	6.528	12.251	19.925	28.940	40.631	54.369	70.074	87.987
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	0.006	0.567	2.583	6.293	11.844	19.347	28.412	39.976	53.721	69.707	87.987
CCT	13158.000	6449.000	6388.000	6409.000	6402.000	6423.000	6437.000	6432.000	6442.000	6470.000	6456.000
ΔE 2000	0.085	0.859	1.363	1.450	1.703	1.817	2.040	2.157	2.267	2.469	2.938

	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.313	0.653	0.300	0.152	0.221	0.320	0.425	0.313
y: CIE31	0.333	0.326	0.610	0.065	0.333	0.153	0.511	0.333
Y	47.237	9.862	33.704	3.772	37.580	13.577	43.164	88.066
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	47.237	10.045	33.782	3.410	37.192	13.455	43.827	88.066
ΔE 2000	2.311	1.222	0.686	1.537	1.411	0.330	1.153	2.936

## Post Calibration Results

	0	10	20	30	40	50	60	70	80	90	100
x: CIE31	0.233	0.313	0.314	0.313	0.313	0.313	0.313	0.313	0.313	0.312	0.312
y: CIE31	0.310	0.330	0.331	0.329	0.330	0.329	0.330	0.329	0.329	0.329	0.329
Y	0.006	0.591	2.634	6.384	12.121	19.649	28.797	40.388	54.334	70.248	88.568
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	0.006	0.570	2.599	6.334	11.922	19.474	28.599	40.240	54.075	70.167	88.568
CCT	13485.000	6480.000	6410.000	6463.000	6456.000	6471.000	6484.000	6495.000	6500.000	6529.000	6525.000
ΔE 2000	0.088	0.152	0.322	0.187	0.424	0.267	0.278	0.151	0.135	0.222	0.193

	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.313	0.657	0.299	0.151	0.219	0.318	0.427	0.312
y: CIE31	0.329	0.323	0.611	0.063	0.328	0.149	0.509	0.329
Y	46.963	9.707	33.259	3.680	37.250	13.445	42.761	88.516
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	46.963	9.987	33.586	3.390	36.976	13.377	43.573	88.516
ΔE 2000	0.102	1.298	0.672	0.923	0.945	0.734	1.493	0.197