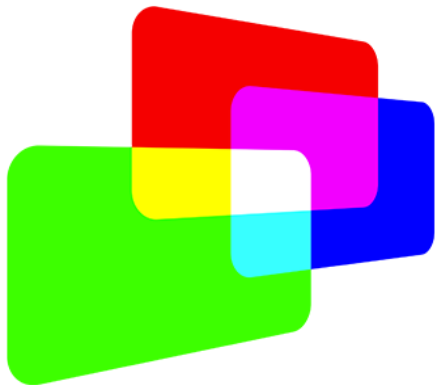


# CalMAN 5

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

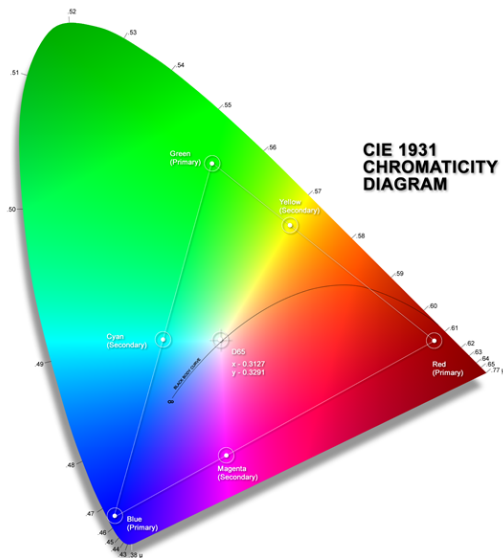
ISF level II certified

THX level II video calibrator

## Lyd&Bilde VW550

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: Cinema Film 1  
ColorTemp: D65  
Gamma: 8  
BackLight:  
Brightness: 50                      Contrast: max  
Color: 50                              Tint: 50  
Sharpness: 20

### High

Red	Green	Blue
0	0	0

### Low

Red	Green	Blue
0	0	0

Note: default Cinema Film 1  
Lamp: Low

## Post Calibration Settings

Picture Mode: Cinema Film 1  
ColorTemp: Custom 3  
Gamma: 2.4  
BackLight:  
Brightness: 50                      Contrast: 98  
Color: 49                              Tint: 50  
Sharpness: 20

### High

Red	Green	Blue
-12	-6	-1

### Low

Red	Green	Blue
0	0	0

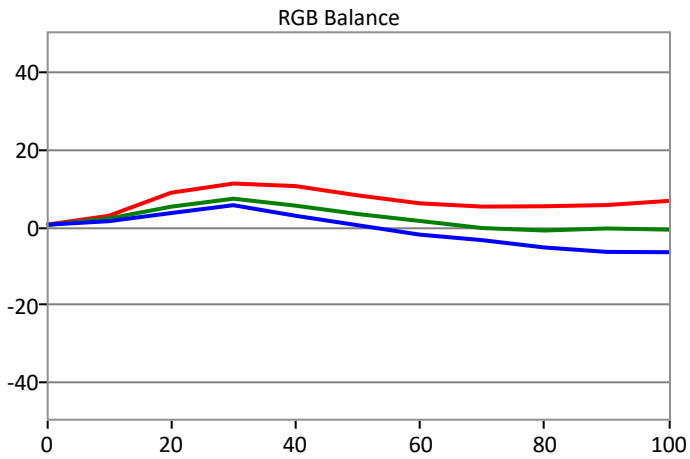
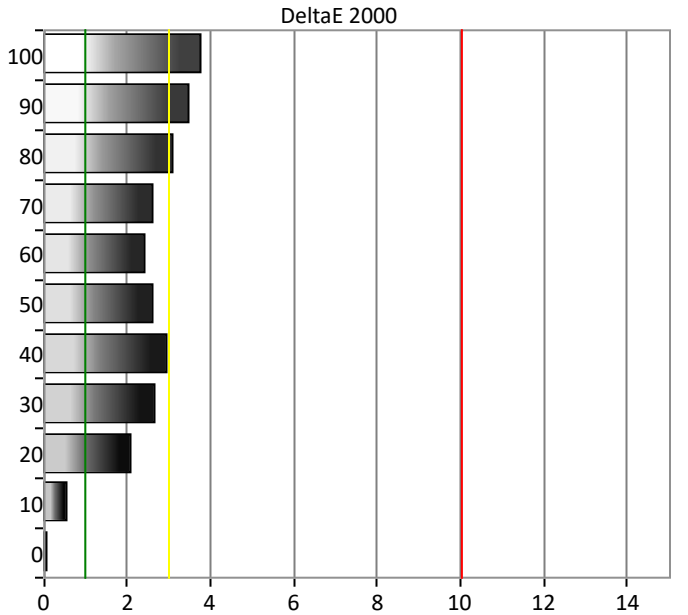
Post note: Kalibrert minne: Cinema Film 1 - HDMI 1

Gamma kalibrert via Sony Projector Calibration Pro software

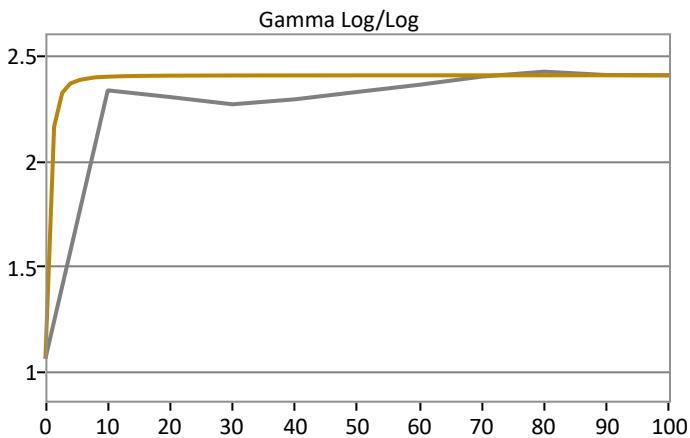
Iris: Auto Full  
Lampe: High (normal)  
ColorSpace: BT709  
CMS er kalibrert - Color Correction  
Reality Creation er redusert til 20 (resolution)  
Clear White: Off  
Motion Enhancer: True Cinema  
Contrast Enhancer:  
Smooth Gradiation: Low

## Pre Calibration Results

CollectionMax dE2000: 3.7742

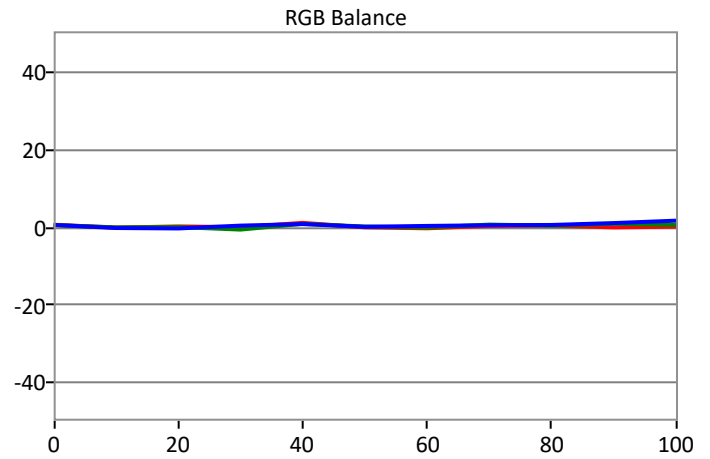
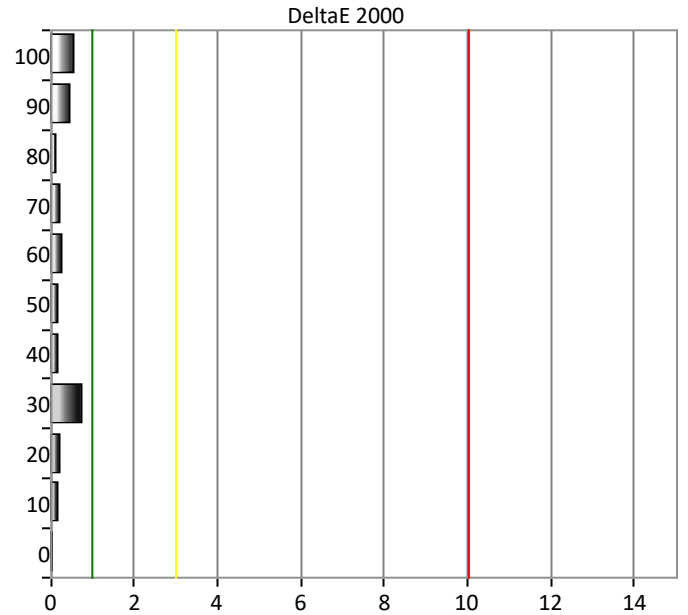


Total Gamma: 2.3411

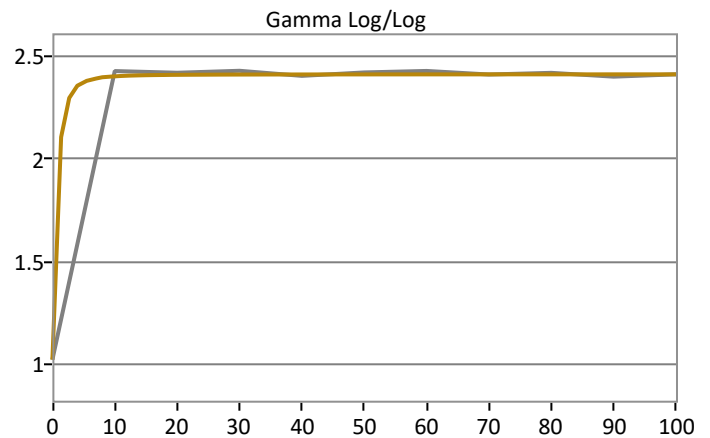


## Post Calibration Results

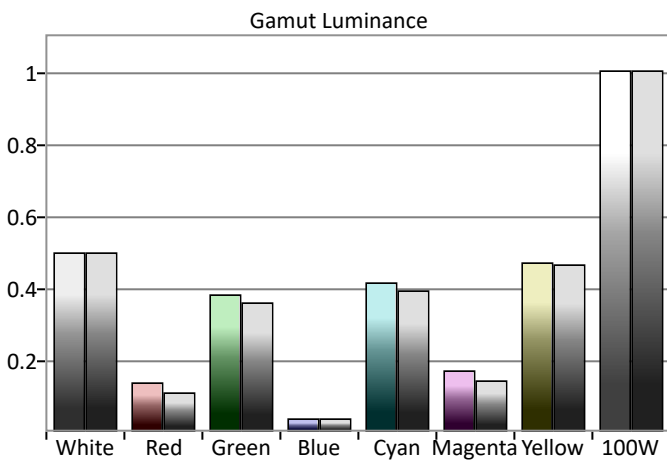
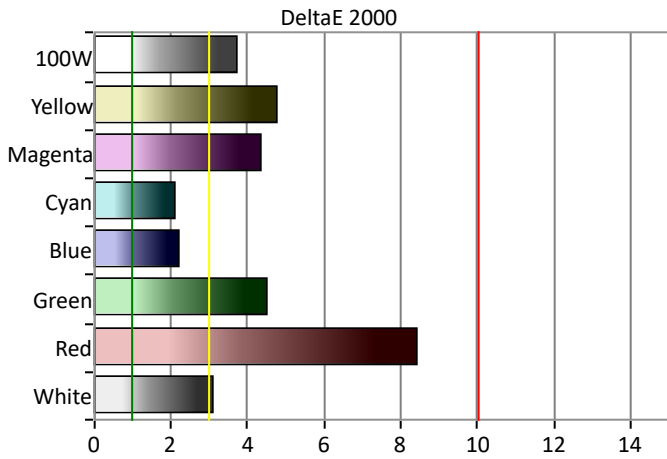
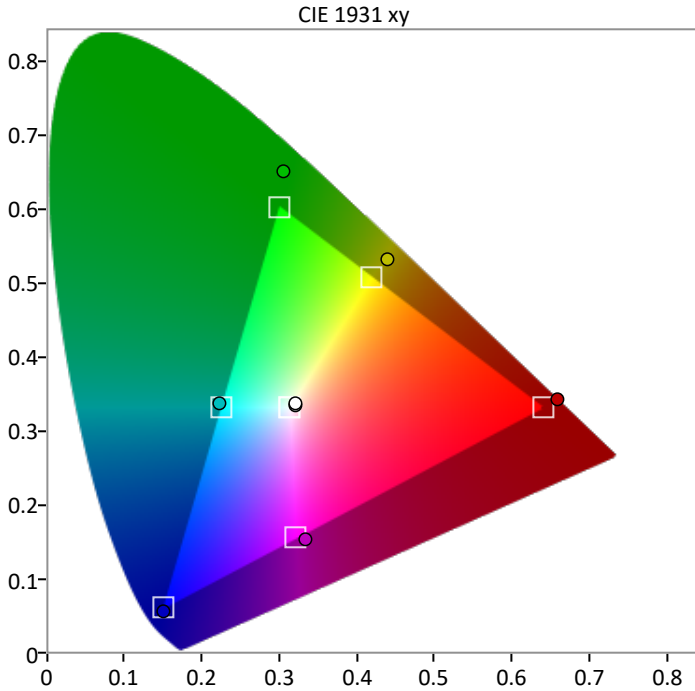
CollectionMax dE2000: 0.7228



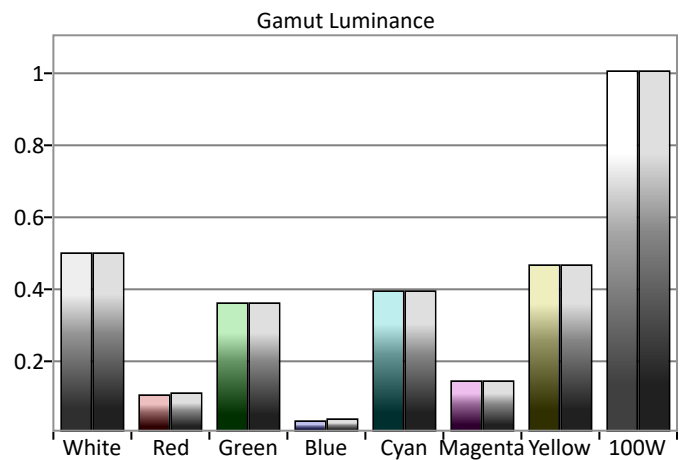
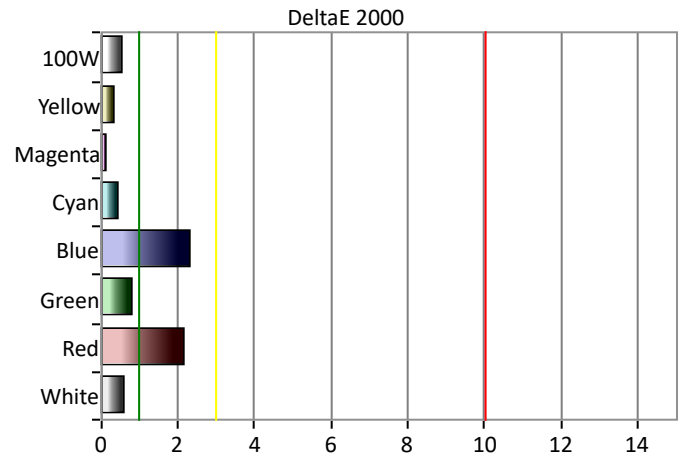
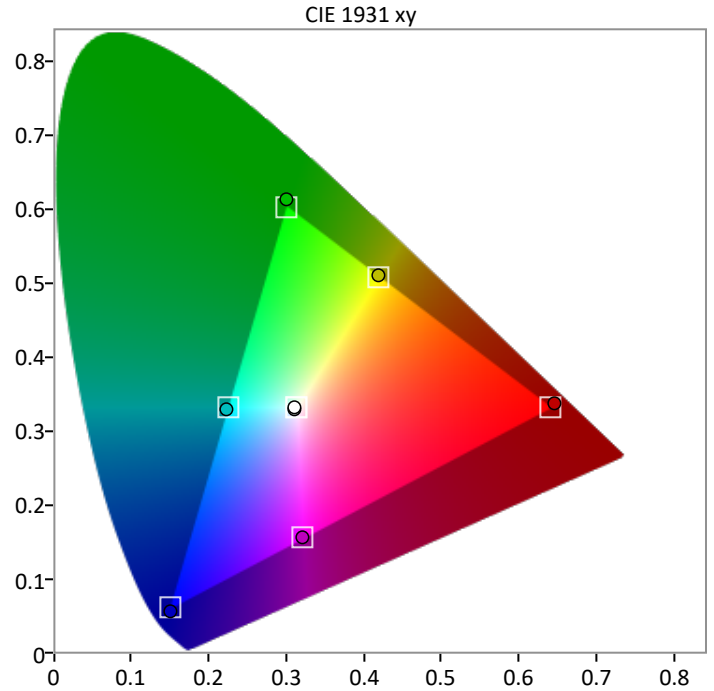
Total Gamma: 2.4078



## Pre Calibration Results



## Post Calibration Results





## Pre Calibration Results

	0	10	20	30	40	50	60	70	80	90	100
x: CIE31	0.317	0.320	0.323	0.321	0.322	0.320	0.320	0.320	0.320	0.320	0.321
y: CIE31	0.278	0.335	0.334	0.333	0.334	0.334	0.334	0.333	0.334	0.335	0.334
Y	0.002	0.133	0.701	1.853	3.477	5.652	8.329	11.839	16.245	21.666	27.936
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	0.002	0.114	0.595	1.572	3.134	5.353	8.140	11.814	16.309	21.669	27.936
CCT	6731.000	6081.000	5924.000	6052.000	6003.000	6072.000	6104.000	6123.000	6084.000	6070.000	6068.000
ΔE 2000	0.080	0.555	2.098	2.664	2.967	2.637	2.434	2.637	3.111	3.456	3.774

	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.320	0.660	0.305	0.150	0.224	0.334	0.439	0.320
y: CIE31	0.333	0.340	0.646	0.054	0.336	0.150	0.529	0.334
Y	13.933	3.809	10.631	1.010	11.498	4.714	13.106	27.935
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	13.933	2.963	9.964	1.006	10.970	3.969	12.927	27.935
ΔE 2000	3.110	8.401	4.525	2.234	2.111	4.329	4.783	3.751

## Post Calibration Results

	0	10	20	30	40	50	60	70	80	90	100
x: CIE31	0.329	0.313	0.314	0.312	0.313	0.313	0.312	0.313	0.313	0.312	0.312
y: CIE31	0.318	0.331	0.330	0.327	0.329	0.329	0.328	0.329	0.329	0.329	0.328
Y	0.002	0.098	0.529	1.388	2.845	4.796	7.279	10.658	14.685	19.567	25.196
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	0.002	0.104	0.538	1.419	2.827	4.828	7.342	10.656	14.709	19.543	25.196
CCT	5698.000	6455.000	6437.000	6551.000	6481.000	6511.000	6537.000	6510.000	6511.000	6544.000	6559.000
ΔE 2000	0.048	0.161	0.217	0.723	0.157	0.189	0.286	0.206	0.111	0.432	0.556

	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.312	0.647	0.301	0.150	0.222	0.322	0.420	0.312
y: CIE31	0.328	0.334	0.610	0.055	0.327	0.154	0.508	0.328
Y	12.493	2.524	9.007	0.722	9.759	3.538	11.594	25.130
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	12.493	2.657	8.934	0.902	9.836	3.558	11.591	25.130
ΔE 2000	0.589	2.169	0.830	2.341	0.463	0.148	0.326	0.555