

CalMAN 5

Ultimate Edition
Display Calibration Software



ProCal



ProCal - Gorm Sørensen

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Gorm Sørensen

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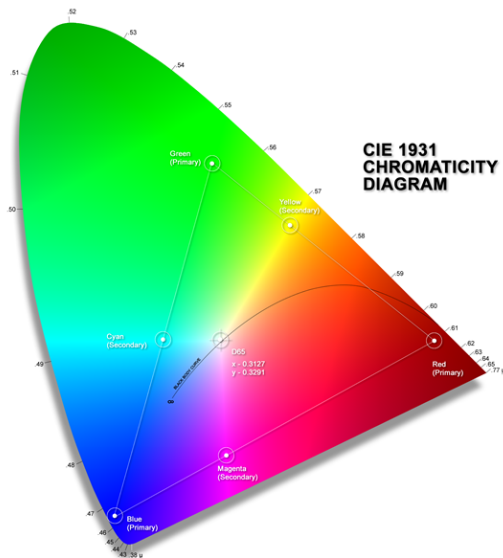
ISF level II certified

THX level II video calibrator

LG OLED

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epost:



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METER Klein Instruments K Series

Manufacturer: Klein Instruments
Model: K-10
Meter Serial: 00100004

SOURCE AV Foundry VideoForge

Model: AV Foundry - VideoForge (Ethernet @9021)
Info: VideoForge software:1.0RC [522]

IMAGE PROCESSOR Direct Display Control

Model: None
Type:
Info1:

CALIBRATION STANDARD

Input Signal Levels	NominalLevels: True
Luminance Response Target	GammaFormula: PowerFunction
	Gamma: 2.28
Color Gamut Target	Gamma: D65, HD Rec.709

Pre Calibration Settings

PictureMode: ISF expert 1
ColorTemp: varm 2
Gamma: 2.2
BackLight: 50%
Brightness: 50 Contrast: 90
Color: 50 Tint: 50
Sharpness: 10

High

Red	Green	Blue
0	0	0

Low

Red	Green	Blue
0	0	0

Pre-Calibration Notes: default bildemodus "expert 1"

Post Calibration Settings

Picture Mode: ISF expert 1
ColorTemp: Varm 2
Gamma: 2.4
BackLight: 50%
Brightness: 50 Contrast: 85
Color: 49 Tint: 50
Sharpness: 0

High

Red	Green	Blue
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Low

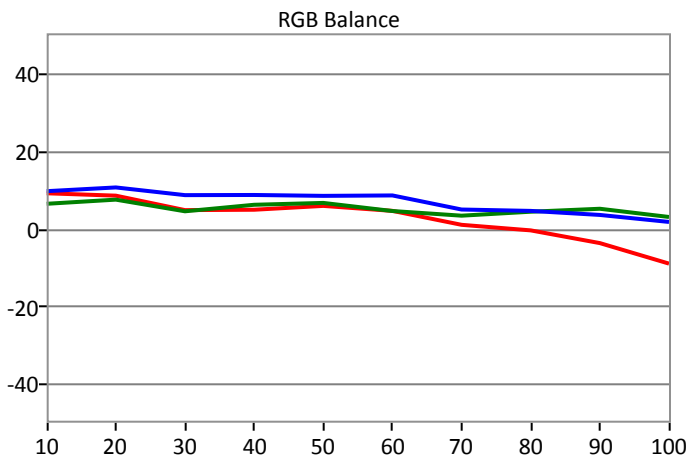
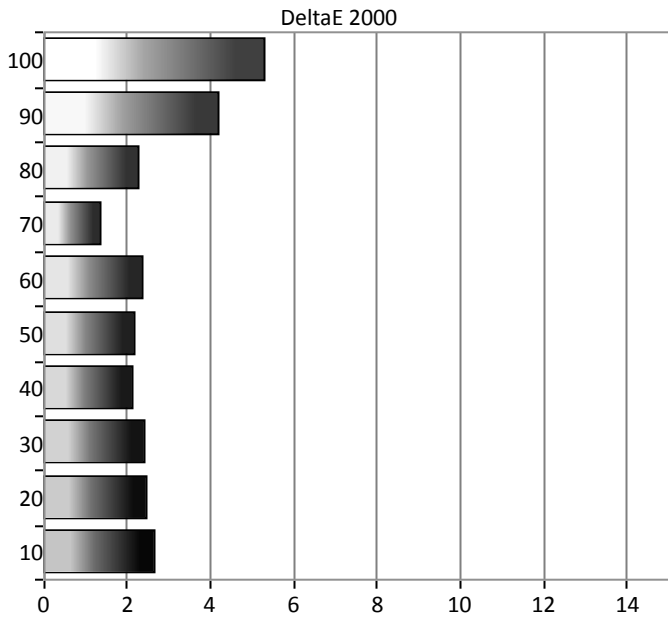
Red	Green	Blue
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Post-Calibration Notes: Full CMS

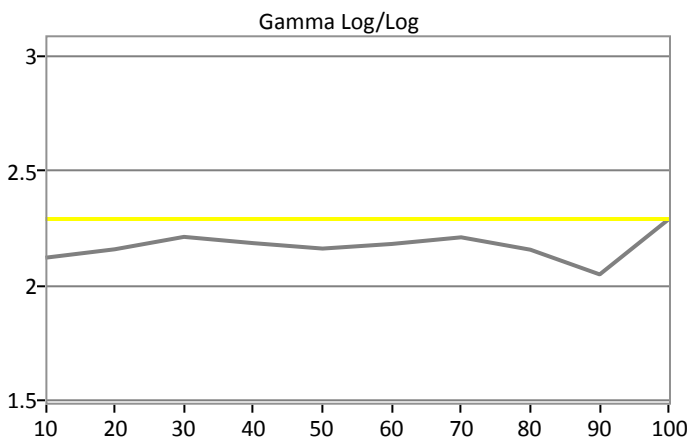
Kalibrert 2-punkt og 20-punkt gråskala (gamma dipper mot høylys)
Kontrast 85. Kan justeres til 100 før utbrenning ved 235, men høyere enn 85 dreier fargetemp (senker rødt)
CMS: Noe oversaturert ved 100% fargeintensitet.

Pre Calibration Results

CollectionMax dE2000: 5.3228

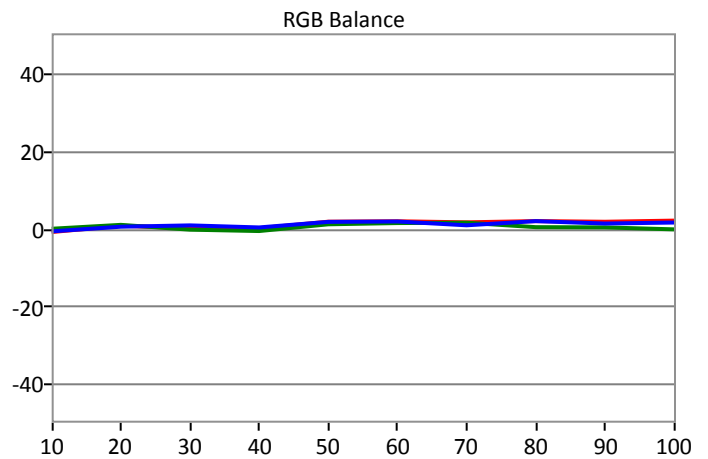
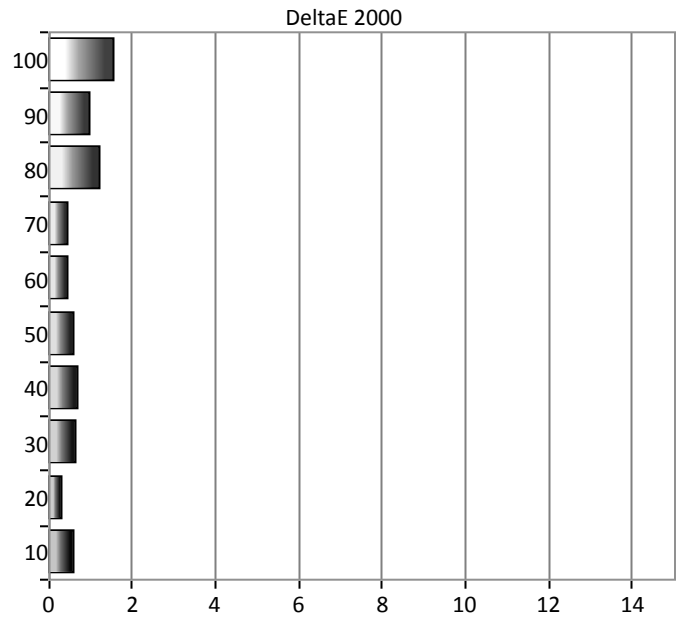


Total Gamma: 2.1493

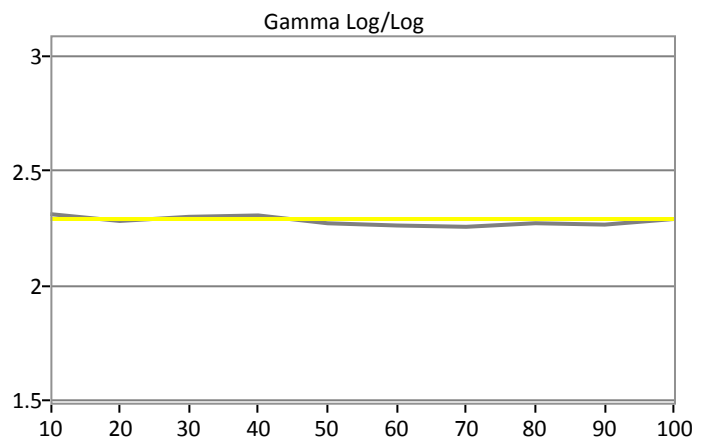


Post Calibration Results

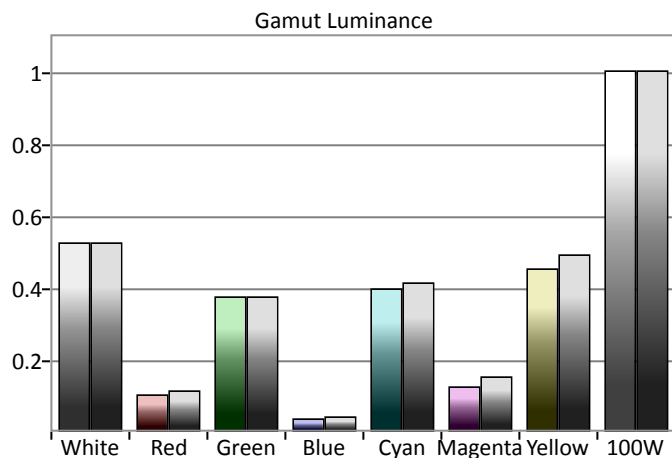
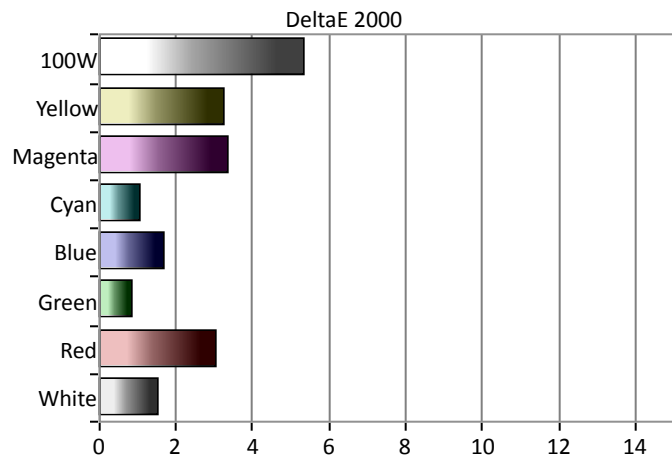
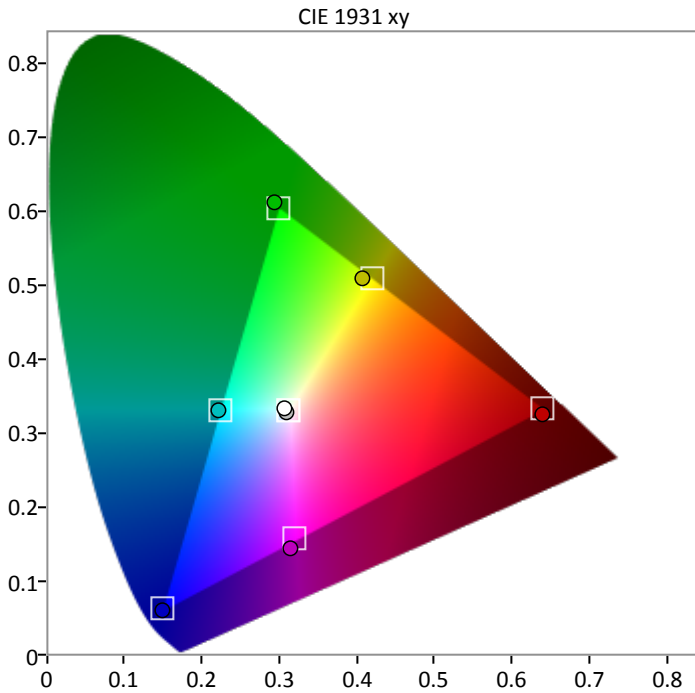
CollectionMax dE2000: 1.5645



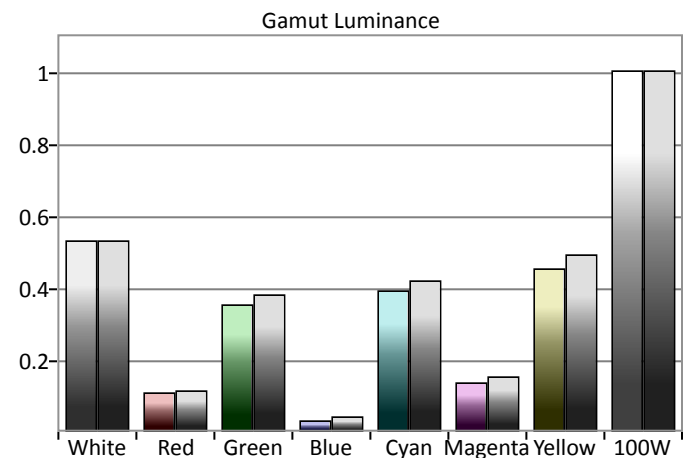
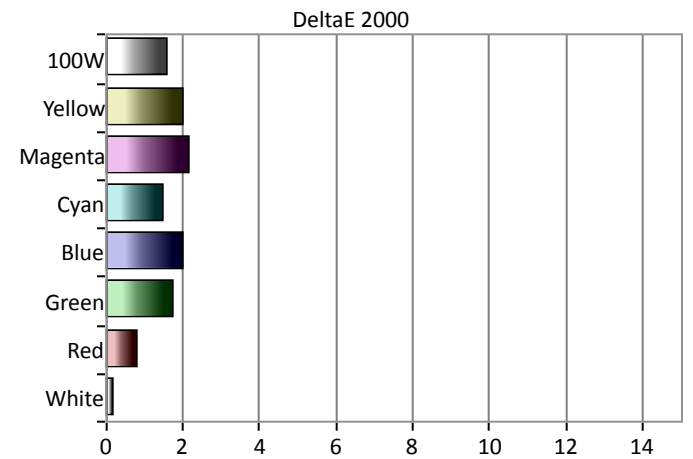
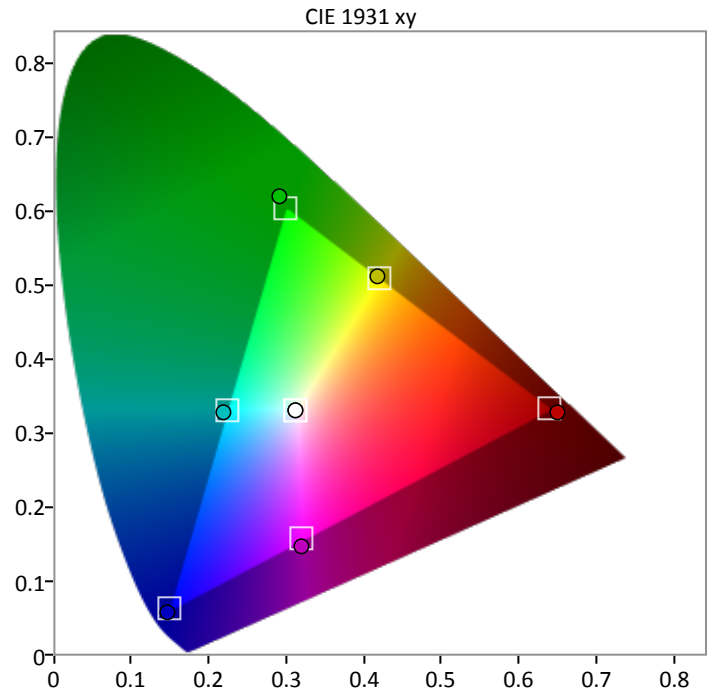
Total Gamma: 2.2704



Pre Calibration Results



Post Calibration Results



Pre Calibration Results

	10	20	30	40	50	60	70	80	90	100
x: CIE31	0.312	0.309	0.308	0.309	0.310	0.310	0.310	0.309	0.308	0.306
y: CIE31	0.313	0.320	0.320	0.325	0.326	0.324	0.327	0.329	0.331	0.330
Y	0.397	1.617	3.620	6.993	11.548	16.643	23.074	31.387	40.933	50.794
Target x:CIE31	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
Target Y	0.269	1.308	3.297	6.354	10.568	15.739	22.423	30.460	39.901	50.794
CCT	6694.000	6788.000	6884.000	6778.000	6659.000	6729.000	6684.000	6699.000	6748.000	6847.000
ΔE 2000	2.684	2.483	2.436	2.146	2.188	2.379	1.348	2.301	4.210	5.323

	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.309	0.640	0.293	0.149	0.222	0.314	0.407	0.306
y: CIE31	0.327	0.322	0.609	0.058	0.328	0.143	0.505	0.330
Y	26.857	5.155	19.000	1.627	20.193	6.401	23.001	50.996
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	26.857	5.711	19.207	1.939	21.146	7.650	24.919	50.996
ΔE 2000	1.525	3.029	0.851	1.673	1.060	3.384	3.251	5.348

Post Calibration Results

	10	20	30	40	50	60	70	80	90	100
x: CIE31	0.312	0.313	0.312	0.313	0.313	0.313	0.313	0.313	0.313	0.313
y: CIE31	0.334	0.330	0.326	0.327	0.328	0.328	0.330	0.327	0.328	0.327
Y	0.234	1.208	2.968	5.704	9.746	14.541	20.667	27.849	36.425	46.249
Target x:CIE31	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
Target Y	0.245	1.191	3.002	5.785	9.622	14.331	20.417	27.734	36.330	46.249
CCT	6525.000	6468.000	6578.000	6525.000	6506.000	6504.000	6467.000	6511.000	6492.000	6495.000
ΔE 2000	0.623	0.316	0.657	0.710	0.593	0.476	0.432	1.230	0.974	1.564

	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.313	0.650	0.292	0.148	0.219	0.320	0.417	0.313
y: CIE31	0.329	0.325	0.617	0.057	0.326	0.146	0.507	0.327
Y	24.588	5.054	16.421	1.430	18.232	6.304	20.976	46.350
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	24.588	5.229	17.584	1.775	19.359	7.004	22.813	46.350
ΔE 2000	0.208	0.830	1.737	2.022	1.512	2.148	2.013	1.578