

Colorimetric Report

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CCalc 2.3
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Date	Sunday, June 12, 2016
Tester	Oliver Jachmann
Display	Samsung C27F591FDU
Sensor	X-Rite i1 Display Pro (Corr.: WLED, XR)
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	7035 Kelvin
White Point XYZ (normalized)	93.39 100.00 113.87
DeltaE to D50/ D65	23.27/ 4.19
Assumed Target Whitepoint (1)	7000 Kelvin
DeltaE to Assumed Target Whitepoint	2.99
Brightness	286.09 cd/m²
Black Point	0.09 cd/m²
Contrast (x:1)	3179:1
Gradation (Average)	2.17

(1) Daylight

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	7006	1.55	-	2.11
	15	6867	1.29	-	2.12
	20	6817	1.43	-	2.12
	25	6711	1.19	-	2.13
	30	6649	1.39	-	2.16
	35	6680	1.24	-	2.17
	40	6640	1.53	-	2.19
	45	6673	1.52	-	2.19
	50	6631	1.85	-	2.19
	55	6653	1.85	-	2.19
	60	6666	1.90	-	2.18
	65	6696	1.86	-	2.18
	70	6745	1.69	-	2.17
	75	6774	1.58	-	2.17
	80	6819	1.45	-	2.18
	85	6860	1.20	-	2.18
	90	6930	0.76	-	2.20
	95	6963	0.59	-	2.29
	100 (2)	7035	-	-	-
	Average (3)	-	1.43	-	2.17
	Maximum (3)	-	1.9	-	-
	Range (3)	-	1.96	-	-

(2) Visual adaptation to display whitepoint is assumed
(3) Only luminance > 1% considered

Corresponding Gamma

