

Colorimetric Report

Page (1/1)



CCalc 2.1
Copyright © 2015, Denis Freund
All Rights Reserved
licensed for PRAD ProAdviser

Date	Sunday, March 29, 2015
Display	Samsung S27D590C
Sensor	X-Rite i1 Display Pro (EDR: WLED)
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	6707 Kelvin
White Point XYZ (normalized)	93.62 100.00 109.50
DeltaE to D50/ D65	20.37/ 2.54
Assumed Target Whitepoint (1)	6700 Kelvin
DeltaE to Assumed Target Whitepoint	2.73
Brightness	386.46 cd/m ²
Black Point	0.14 cd/m ²
Contrast (x:1)	2760:1
Gradation (Average)	2.19

(1) Daylight

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6898	0.49	-	2.09
	15	6707	0.22	-	2.12
	20	6600	0.39	-	2.14
	25	6568	0.51	-	2.16
	30	6664	0.94	-	2.17
	35	6672	0.94	-	2.18
	40	6616	0.78	-	2.20
	45	6601	0.85	-	2.20
	50	6543	0.83	-	2.17
	55	6501	1.09	-	2.18
	60	6515	1.08	-	2.19
	65	6577	0.77	-	2.20
	70	6578	0.91	-	2.21
	75	6577	0.99	-	2.20
	80	6529	1.25	-	2.22
	85	6534	1.24	-	2.23
	90	6550	1.17	-	2.27
	95	6568	1.08	-	2.34
	100 (2)	6708	-	-	-
	Average (3)	-	0.88	-	2.19
	Maximum (3)	-	1.25	-	-
	Range (3)	-	1.43	-	-

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

Corresponding Gamma

