

Colorimetric Report

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CCalc 2.1
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Date	Friday, January 16, 2015
Display	Samsung S27D850T
Sensor	X-Rite i1 Display Pro (EDR: WLED)
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	6718 Kelvin
White Point XYZ (normalized)	94.37 100.00 110.97
DeltaE to D50/ D65	21.06/ 1.74
Assumed Target Whitepoint (1)	6700 Kelvin
DeltaE to Assumed Target Whitepoint	1.15
Brightness	383.43 cd/m ²
Black Point	0.40 cd/m ²
Contrast (x:1)	959:1
Gradation (Average)	2.14

(1) Daylight

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6765	0.27	-	1.95
	15	6736	0.15	-	2.04
	20	6728	0.33	-	2.11
	25	6769	0.29	-	2.12
	30	6689	0.10	-	2.14
	35	6708	0.48	-	2.16
	40	6678	0.25	-	2.18
	45	6760	0.29	-	2.19
	50	6793	0.37	-	2.20
	55	6813	0.52	-	2.20
	60	6751	0.54	-	2.21
	65	6732	0.58	-	2.21
	70	6772	0.71	-	2.19
	75	6747	0.29	-	2.21
	80	6710	0.24	-	2.22
	85	6749	0.22	-	2.21
	90	6745	0.88	-	2.10
	95	6773	0.45	-	1.96
	100 (2)	6718	-	-	-
	Average (3)	-	0.39	-	2.14
	Maximum (3)	-	0.88	-	-
	Range (3)	-	1.2	-	-

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

Corresponding Gamma

