

Colorimetric Report

Page (1/1)



CCalc 2.1
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Date	Friday, November 13, 2015
Display	Samsung U24E850R
Sensor	X-Rite i1 Display Pro (EDR: WLED)
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	7797 Kelvin
White Point XYZ (normalized)	95.47 100.00 126.87
DeltaE to D50/ D65	30.88/ 10.48
Assumed Target Whitepoint (1)	7800 Kelvin
DeltaE to Assumed Target Whitepoint	0.96
Brightness	316.26 cd/m ²
Black Point	0.34 cd/m ²
Contrast (x:1)	930:1
Gradation (Average)	2.00

(1) Daylight

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	7614	0.27	-	2.03
	15	7395	0.66	-	2.08
	20	7296	1.16	-	2.07
	25	7286	1.52	-	2.05
	30	7251	1.83	-	2.05
	35	7234	2.24	-	2.04
	40	7254	2.38	-	2.05
	45	7259	2.58	-	2.06
	50	7285	2.74	-	2.07
	55	7293	2.89	-	2.06
	60	7306	2.94	-	2.04
	65	7329	2.95	-	2.02
	70	7350	3.02	-	1.99
	75	7369	2.98	-	1.97
	80	7387	2.97	-	1.94
	85	7415	2.81	-	1.89
	90	7455	2.53	-	1.83
	95	7528	2.01	-	1.74
	100 (2)	7797	-	-	-
	Average (3)	-	2.37	-	2.0
	Maximum (3)	-	3.02	-	-
	Range (3)	-	3.02	-	-

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

Corresponding Gamma

