

Colorimetric Report

Page (1/1)



CCalc 2.1
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Date	Monday, October 5, 2015
Display	Samsung S32E590C
Sensor	X-Rite i1 Pro
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	6430 Kelvin
White Point XYZ (normalized)	96.54 100.00 110.45
DeltaE to D50/ D65	20.41/ 2.77
Assumed Target Whitepoint (1)	6400 Kelvin
DeltaE to Assumed Target Whitepoint	3.27
Brightness (2)	319.50 cd/m ²
Black Point (2)	0.08 cd/m ²
Contrast (x:1)	3994:1
Gradation (Average)	2.14

(1) Daylight (2) Measured with i1 Display Pro

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6195	0.97	-	2.23
	15	6171	1.33	-	2.23
	20	6206	1.41	-	2.24
	25	6227	1.50	-	2.24
	30	6263	1.67	-	2.24
	35	6284	1.54	-	2.23
	40	6258	1.53	-	2.22
	45	6274	1.47	-	2.20
	50	6279	1.52	-	2.19
	55	6284	1.56	-	2.18
	60	6302	1.43	-	2.17
	65	6328	1.57	-	2.15
	70	6353	1.39	-	2.13
	75	6363	1.43	-	2.10
	80	6388	1.19	-	2.07
	85	6409	0.98	-	2.03
	90	6429	0.75	-	1.93
	95	6448	0.55	-	1.73
	100 (3)	6431	-	-	-
	Average (4)	-	1.34	-	2.14
	Maximum (4)	-	1.67	-	-
	Range (4)	-	1.67	-	-

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

Corresponding Gamma

