

Colorimetric Report

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CCalc 2.4
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Date	Thursday, February 6, 2020
Tester	Damian Köb
Display	ASUS XG27UQ
Sensor	X-Rite i1 Pro
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	6010 Kelvin
White Point XYZ (normalized)	99.59 100.00 109.29
DeltaE to D50/ D65	20.37/ 7.85
Assumed Target Whitepoint (1)	6000 Kelvin
DeltaE to Assumed Target Whitepoint	9.29
Brightness (2)	452.40 cd/m²
Black Point (2)	0.40 cd/m²
Contrast (x:1)	1131:1
Gradation (Average)	2.12

(1) Daylight (2) Measured separately

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6451	1.22	-	2.14
	15	6259	0.87	-	2.17
	20	6169	0.74	-	2.16
	25	6113	0.47	-	2.16
	30	6068	0.46	-	2.16
	35	6055	0.39	-	2.16
	40	6049	0.36	-	2.15
	45	6033	0.25	-	2.14
	50	6025	0.20	-	2.13
	55	6023	0.16	-	2.12
	60	6020	0.10	-	2.12
	65	6018	0.07	-	2.11
	70	6010	0.04	-	2.11
	75	6013	0.02	-	2.10
	80	6013	0.05	-	2.09
	85	6007	0.04	-	2.06
	90	6008	0.02	-	2.05
	95	6007	0.03	-	2.01
	100 (3)	6010	-	-	-
	Average (4)	-	0.25	-	2.12
	Maximum (4)	-	0.87	-	-
	Range (4)	-	0.89	-	-

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

Corresponding Gamma

