Colorimetric Report
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Date	Tuesday, February 7, 2017
Tester	
Display	LG 27UD58P
Sensor	X-Rite i1 Display Pro (Corr.: WLED, XR)
Testchart	In accordance with ISO 12646:2007 (1)
Target	sRGB
Display Profile	Not considered
Rendering Intent	-

(1) Five equally spaced code values for each channel

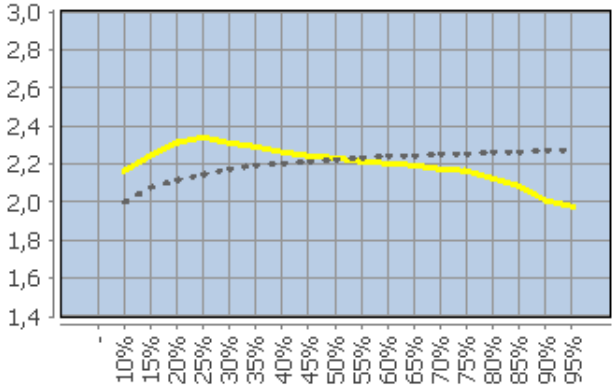
White Point (CCT)	7179 Kelvin
White Point XYZ (normalized)	95.07 100.00 118.64
DeltaE to D50/ D65	25.83/ 5.80
Assumed Target Whitepoint (2)	7200 Kelvin
DeltaE to Assumed Target Whitepoint	0.25
Brightness	224.76 cd/m²
Black Point	0.23 cd/m²
Contrast (x:1)	977:1
Gradation (Average)	2.20

(2) Daylight

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	8155	1.19	3.05	2.16
	15	7613	0.67	3.22	2.24
	20	7679	0.91	3.78	2.31
	25	7565	0.92	3.69	2.34
	30	7458	0.92	2.78	2.31
	35	7380	0.64	2.01	2.29
	40	7353	0.71	1.30	2.26
	45	7264	0.64	0.78	2.24
	50	7283	0.68	0.69	2.23
	55	7246	0.81	0.87	2.21
	60	7200	1.04	1.19	2.20
	65	7224	0.86	1.11	2.19
	70	7184	1.09	1.42	2.17
	75	7170	0.94	1.27	2.16
	80	7182	0.97	1.40	2.12
	85	7167	0.98	1.41	2.08
	90	7088	1.55	1.81	2.01
	95	6995	2.10	2.18	1.98
	100 (3)	7179	-	-	-
	Average (4)	-	0.97	1.82	2.2
	Maximum (4)	-	2.1	3.78	-
	Range (4)	-	2.82	-	-

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

Corresponding Gamma



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(1) Five equally spaced code values for each channel

	RGB	Delta C	Delta H	Delta L	Delta E94
	0 0 0	1.21	0.00	0.91	1.52
	0 0 63	3.19	1.32	0.07	1.34
	0 0 127	8.18	5.08	0.27	2.93
	0 0 191	13.71	7.43	0.51	3.72
	0 0 255	17.85	10.00	1.35	4.40
	0 63 0	4.80	3.13	2.62	3.62
	0 63 63	5.24	1.22	2.83	4.14
	0 63 127	10.28	10.28	2.43	7.64
	0 63 191	16.55	11.12	2.13	6.59
	0 63 255	19.74	12.31	2.43	6.11
	0 127 0	8.50	11.76	0.67	6.06
	0 127 63	3.82	9.88	0.56	5.67
	0 127 127	5.63	0.74	0.50	2.51
	0 127 191	2.97	9.93	0.34	6.19
	0 127 255	8.65	10.89	0.09	5.54
	0 191 0	14.67	16.92	2.01	7.71
	0 191 63	10.22	14.93	1.94	7.23
	0 191 127	0.94	7.85	1.88	4.56
	0 191 191	7.19	0.58	1.76	3.12
	0 191 255	2.20	9.00	1.42	5.56
	0 255 0	17.63	21.09	1.46	8.16
	0 255 63	13.57	19.06	1.41	7.64
	0 255 127	1.74	11.87	1.37	5.24
	0 255 191	6.07	6.01	1.30	3.61
	0 255 255	9.45	1.78	1.08	3.26
	63 0 0	9.15	2.85	2.69	4.94
	63 0 63	2.15	3.26	3.07	3.73
	63 0 127	8.62	0.12	2.11	2.90
	63 0 191	14.14	4.24	1.66	3.42
	63 0 255	18.18	7.90	2.12	4.30
	63 63 0	1.31	2.32	3.56	3.90
	63 63 63	0.97	0.15	3.70	3.83
	63 63 127	10.75	3.54	3.24	5.45
	63 63 191	16.48	7.21	2.84	5.68
	63 63 255	19.52	9.75	2.94	5.70
	63 127 0	12.06	6.48	0.14	4.50
	63 127 63	8.09	5.52	0.04	4.26
	63 127 127	2.08	0.54	0.01	1.14
	63 127 191	4.45	6.74	0.09	4.53
	63 127 255	9.06	8.63	0.49	4.65
	63 191 0	17.02	13.68	1.70	6.84
	63 191 63	12.82	11.89	1.63	6.33
	63 191 127	1.43	6.29	1.57	3.82
	63 191 191	4.80	0.38	1.47	2.38
	63 191 255	0.86	7.62	1.15	4.75
	63 255 0	19.19	19.02	1.25	7.66
	63 255 63	15.26	17.02	1.19	7.11

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(1) Five equally spaced code values for each channel

	RGB	Delta C	Delta H	Delta L	Delta E94
	63 255 127	3.33	10.45	1.17	4.73
	63 255 191	4.49	5.30	1.09	3.15
	63 255 255	7.99	1.65	0.88	2.88
	127 0 0	5.54	1.33	1.91	2.51
	127 0 63	4.41	0.91	2.17	2.61
	127 0 127	4.14	4.05	1.92	2.95
	127 0 191	11.08	0.61	1.75	2.72
	127 0 255	15.63	3.72	2.14	3.44
	127 63 0	0.83	1.95	3.01	3.22
	127 63 63	0.43	1.19	3.13	3.24
	127 63 127	7.28	3.15	2.92	4.24
	127 63 191	13.73	1.11	2.70	4.13
	127 63 255	17.45	5.28	2.88	4.59
	127 127 0	14.20	0.94	0.19	3.98
	127 127 63	10.34	1.51	0.28	4.09
	127 127 127	0.58	0.15	0.28	0.66
	127 127 191	5.52	1.95	0.35	2.46
	127 127 255	8.98	4.85	0.69	3.22
	127 191 0	20.33	7.99	1.42	5.75
	127 191 63	16.14	7.02	1.37	5.39
	127 191 127	4.67	3.95	1.32	3.19
	127 191 191	2.48	0.07	1.22	1.76
	127 191 255	1.14	5.42	0.94	3.60
	127 255 0	21.91	15.44	1.08	7.00
	127 255 63	17.90	13.93	1.03	6.53
	127 255 127	5.81	8.62	1.01	4.28
	127 255 191	2.24	4.78	0.94	2.89
	127 255 255	6.30	1.34	0.73	2.62
	191 0 0	2.39	5.48	1.81	3.07
	191 0 63	3.96	4.06	1.97	2.96
	191 0 127	0.33	5.29	1.88	3.15
	191 0 191	7.28	4.76	1.84	3.05
	191 0 255	12.28	0.89	2.15	2.91
	191 63 0	2.64	5.59	2.64	3.78
	191 63 63	0.58	3.49	2.75	3.32
	191 63 127	1.94	5.38	2.66	3.97
	191 63 191	9.36	4.26	2.54	3.82
	191 63 255	13.98	0.04	2.74	3.66
	191 127 0	12.56	8.32	0.56	5.25
	191 127 63	7.46	8.39	0.65	5.47
	191 127 127	2.84	0.98	0.64	1.60
	191 127 191	3.41	2.96	0.68	2.26
	191 127 255	7.81	0.21	0.95	2.06
	191 191 0	22.19	0.58	1.01	5.03
	191 191 63	18.13	1.21	0.96	4.83
	191 191 127	6.65	1.72	0.93	3.02
	191 191 191	0.79	0.18	0.86	1.19

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Target	sRGB
Display Profile	Not considered
Rendering Intent	-

(1) Five equally spaced code values for each channel

	RGB	Delta C	Delta H	Delta L	Delta E94
	191 191 255	2.49	1.69	0.61	1.61
	191 255 0	25.14	9.21	0.82	5.89
	191 255 63	21.26	8.25	0.77	5.49
	191 255 127	8.93	4.94	0.75	3.38
	191 255 191	1.07	3.40	0.68	2.26
	191 255 255	3.80	0.82	0.50	2.12
	255 0 0	1.16	8.78	2.61	4.31
	255 0 63	4.33	5.80	2.71	3.75
	255 0 127	4.27	5.44	2.66	3.69
	255 0 191	2.87	8.29	2.59	4.33
	255 0 255	8.78	5.70	2.79	3.76
	255 63 0	1.94	8.64	3.17	4.74
	255 63 63	1.97	5.61	3.24	4.10
	255 63 127	2.95	5.46	3.18	4.14
	255 63 191	4.22	8.25	3.08	4.85
	255 63 255	10.20	5.26	3.24	4.22
	255 127 0	8.87	13.35	1.44	6.29
	255 127 63	3.49	11.89	1.49	5.99
	255 127 127	5.66	1.76	1.48	2.42
	255 127 191	1.06	5.71	1.47	3.43
	255 127 255	4.98	4.56	1.68	2.91
	255 191 0	20.32	10.45	0.21	6.30
	255 191 63	15.83	10.61	0.16	6.41
	255 191 127	3.05	8.49	0.15	5.22
	255 191 191	4.37	1.38	0.11	2.31
	255 191 255	0.37	2.73	0.10	1.71
	255 255 0	26.91	0.12	0.24	5.02
	255 255 63	23.08	0.71	0.19	4.72
	255 255 127	10.76	1.89	0.17	2.99
	255 255 191	3.42	1.53	0.12	1.74
	255 255 255 (1)	-	-	-	-
	Average (2)	8.32	0.00	1.49	4.15
	Maximum (2)	26.91	21.09	3.70	8.16

(1) Visual adaptation to display whitepoint is assumed; CIELAB reference values are adapted (Bradford transformation) to display whitepoint
(2) Without Black

Color Space	Gamut Volume CIELAB D50
sRGB	87%