

Colorimetric Report

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Test Device	Shimian QH300
Target	sRGB
Display Profile	not considered
Rendering Intent	-

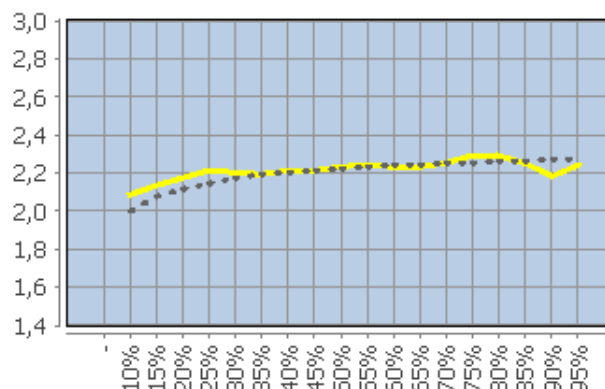
White Point / CCT Kelvin	6876K
White Point XYZ (normalized)	90.52 100.0 106.67
DeltaE to D50/ D65	20.68/ 8.18
DeltaE to Blackbody Curve *	9.1
Assumed Target Whitepoint	6900K
DeltaE to Assumed Target Whitepoint	9.19
Brightness / cd/m ² **	243.0
Black Point / cd/m ² **	0.32
Contrast / x:1	759:1
Gradation (Average)	2.21

* Based on CCT ** Measured with X-Rite DTP94 or comparable probe

	Percent	Kelvin	deltaC	deltaE	Gamma
	5	-	-	-	-
	10	7330	0.73	1.3	2.08
	15	7239	0.82	1.51	2.13
	20	7253	1.33	1.66	2.17
	25	7214	1.54	1.87	2.21
	30	7230	1.78	1.81	2.2
	35	7216	2.01	2.01	2.19
	40	7248	2.19	2.19	2.21
	45	7240	2.36	2.37	2.21
	50	7263	2.4	2.41	2.23
	55	7254	2.47	2.48	2.24
	60	7264	2.51	2.51	2.23
	65	7260	2.56	2.57	2.23
	70	7255	2.46	2.47	2.25
	75	7239	2.43	2.46	2.29
	80	7193	2.19	2.2	2.29
	85	7150	1.97	1.97	2.25
	90	7076	1.5	1.57	2.18
	95	7012	1.05	1.05	2.24
	100	6876	-	-	-
	Average	-	1.97*	2.07*	2.21
	Maximum	-	2.56*	2.57*	-
	Range	-	1.84*	-	-

* Only luminance > 1% considered
Without Black Point Compensation

Corresponding Gamma



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	RGB	deltaC	deltaH	deltaL	deltaE94
	255 0 0	25.75	0.87	3.44	5.69
	0 255 0	36.56	24.94	1.37	10.68
	0 0 255	6.34	3.1	0.72	1.55
	0 255 255	28.18	4.1	1.51	9.1
	255 0 255	14.82	11.44	2.36	5.37
	255 255 0	8.33	0.15	0.08	1.56
	170 85 85	9.68	1.95	0.89	3.86
	85 170 85	17.08	11.19	0.5	7.77
	85 85 170	3.14	0.1	0.11	0.95
	85 170 170	14.88	1.52	0.49	6.85
	170 85 170	8.91	4.24	0.77	3.51
	170 170 85	3.09	3.11	0.06	2.12
	229 0 0	22.26	1.37	2.76	5.03
	204 0 0	18.67	1.84	1.88	4.27
	178 0 0	15.7	2.77	1.67	4.01
	153 0 0	12.64	3.52	1.45	3.75
	127 0 0	10.08	3.48	1.16	3.45
	102 0 0	7.49	3.54	1.09	3.24
	76 0 0	4.7	2.59	0.82	2.5
	0 229 0	33.99	23.27	1.03	10.5
	0 204 0	30.58	21.48	1.35	10.24
	0 178 0	27.88	19.55	1.01	9.93
	0 153 0	24.56	17.56	0.84	9.51
	0 127 0	21.04	15.42	0.81	9.0
	0 102 0	17.13	13.43	0.76	8.4
	0 76 0	11.72	11.14	1.08	7.41
	0 0 229	7.09	3.12	0.44	1.6
	0 0 204	6.06	2.92	0.49	1.55
	0 0 178	5.69	2.62	0.44	1.52
	0 0 153	4.59	2.23	0.22	1.32
	0 0 127	3.21	1.72	0.19	1.07
	0 0 102	1.62	1.12	0.01	0.68
	0 0 76	1.08	0.6	0.33	0.56
	0 229 229	25.82	2.97	1.06	8.63
	0 204 204	23.31	2.46	1.32	8.27
	0 178 178	21.4	2.49	0.9	8.07
	0 153 153	19.34	2.44	0.72	7.82
	0 127 127	16.9	2.52	0.63	7.44
	0 102 102	14.42	2.25	0.65	6.93
	0 76 76	10.93	2.01	0.99	5.92
	229 0 229	14.73	8.94	1.93	4.7
	204 0 204	13.02	7.52	1.25	4.09
	178 0 178	11.92	6.53	1.18	3.88
	153 0 153	10.54	5.69	0.99	3.63
	127 0 127	8.71	4.94	0.77	3.32
	102 0 102	6.77	4.24	0.7	3.0
	76 0 76	4.07	3.47	0.26	2.4

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	RGB	deltaC	deltaH	deltaL	deltaE94
	229 229 0	7.7	1.41	0.12	1.65
	204 204 0	6.53	2.29	0.39	1.77
	178 178 0	6.0	2.58	0.16	1.85
	153 153 0	5.14	2.78	0.1	1.9
	127 127 0	4.08	2.7	0.18	1.85
	102 102 0	2.71	2.55	0.23	1.71
	76 76 0	0.39	2.24	0.78	1.6
	255 25 25	25.12	1.12	3.03	5.53
	255 51 51	22.7	2.39	2.79	5.42
	255 76 76	20.59	2.9	2.55	5.39
	255 102 102	17.88	3.08	2.35	5.32
	255 127 127	15.6	2.95	2.01	5.24
	255 153 153	12.71	2.76	1.65	5.03
	255 178 178	9.88	2.59	1.23	4.71
	255 204 204	7.08	2.08	0.64	4.16
	255 229 229	3.14	1.54	0.55	2.64
	25 255 25	36.62	24.18	1.31	10.61
	51 255 51	34.6	22.83	1.32	10.38
	76 255 76	31.38	20.83	1.27	9.98
	102 255 102	26.45	18.25	1.19	9.35
	127 255 127	21.95	15.46	1.08	8.67
	153 255 153	16.79	12.49	0.97	7.81
	178 255 178	12.09	9.76	0.84	6.88
	204 255 204	8.15	6.85	0.74	5.75
	229 255 229	2.98	3.89	0.38	3.59
	25 25 255	7.54	3.31	1.09	1.93
	51 51 255	6.58	2.67	0.91	1.69
	76 76 255	4.85	1.67	0.6	1.23
	102 102 255	3.05	0.58	0.15	0.68
	127 127 255	1.97	0.34	0.07	0.5
	153 153 255	1.25	1.09	0.01	0.69
	178 178 255	0.94	1.57	0.07	1.02
	204 204 255	1.08	1.62	0.35	1.3
	229 229 255	0.07	1.39	0.04	1.16
	25 255 255	27.82	3.82	1.44	9.01
	51 255 255	26.7	3.5	1.45	8.82
	76 255 255	25.07	3.3	1.4	8.58
	102 255 255	22.49	3.02	1.29	8.13
	127 255 255	19.76	2.64	1.19	7.69
	153 255 255	16.47	2.2	1.07	7.1
	178 255 255	13.02	1.51	0.97	6.36
	204 255 255	9.53	1.08	0.83	5.54
	229 255 255	4.75	0.4	0.48	3.45

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	RGB	deltaC	deltaH	deltaL	deltaE94
	255 25 255	15.21	11.04	2.16	5.25
	255 51 255	14.97	10.67	2.08	5.22
	255 76 255	14.08	10.17	1.97	5.16
	255 102 255	12.56	9.4	1.94	5.08
	255 127 255	11.14	8.38	1.69	4.89
	255 153 255	9.34	7.08	1.42	4.59
	255 178 255	7.63	5.56	1.05	4.16
	255 204 255	5.78	3.76	0.5	3.51
	255 229 255	2.21	1.8	0.42	1.98
	255 255 25	8.39	0.26	0.05	1.6
	255 255 51	7.28	0.39	0.04	1.45
	255 255 76	5.8	0.64	0.04	1.26
	255 255 102	3.79	0.72	0.03	0.95
	255 255 127	2.54	0.86	0.03	0.8
	255 255 153	1.26	0.81	0.0	0.6
	255 255 178	0.25	0.76	0.02	0.49
	255 255 204	0.07	0.53	0.06	0.39
	255 255 229	1.16	0.41	0.08	0.81
	213 255 0	10.69	8.17	0.57	3.88
	159 191 0	8.16	7.08	0.64	3.74
	106 128 0	5.87	6.12	0.37	3.63
	0 255 85	36.02	21.87	1.37	10.69
	0 191 64	29.91	16.88	1.23	9.88
	0 128 42	22.47	12.2	0.74	8.74
	0 128 255	1.72	6.51	0.72	3.21
	0 96 191	1.4	5.51	0.39	3.0
	0 64 128	2.97	1.75	1.27	1.96
	170 0 255	9.98	7.5	0.59	3.14
	127 0 191	8.84	5.68	0.44	2.88
	85 0 128	5.95	3.97	0.31	2.38
	255 0 42	23.35	0.77	3.19	5.43
	191 0 32	16.46	0.61	1.55	4.03
	128 0 21	11.48	0.14	1.07	3.43
	170 85 0	10.65	5.26	0.68	3.94
	0 170 85	26.87	12.71	0.77	9.38
	85 0 170	7.41	4.09	0.1	2.24
	0 85 170	2.74	3.63	0.62	2.26
	170 0 85	13.29	2.13	1.39	3.91
	85 170 0	17.1	14.58	0.7	7.61
	123 127 127	2.96	0.06	0.07	2.77
	127 123 127	0.23	1.85	0.06	1.79
	127 127 123	1.12	2.29	0.01	2.43
	Average	12.26	5.4	0.9	4.51
	Maximum	36.62	24.94	3.44	10.69