

Colorimetric Report

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CCalc 2.4
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Date	Thursday, September 5, 2019
Tester	Damian Köb
Display	AOC U2790PQU
Sensor	X-Rite i1 Pro
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	7074 Kelvin
White Point XYZ (normalized)	97.45 100.00 121.24
DeltaE to D50/ D65	27.42/ 8.41
Assumed Target Whitepoint (1)	7100 Kelvin
DeltaE to Assumed Target Whitepoint	4.90
Brightness (2)	302.20 cd/m²
Black Point (2)	0.33 cd/m²
Contrast (x:1)	916:1
Gradation (Average)	1.76

(1) Daylight (2) Measured separately

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	7212	0.25	-	1.72
	15	7195	0.37	-	1.73
	20	7094	0.25	-	1.73
	25	7188	0.38	-	1.73
	30	7141	0.34	-	1.74
	35	7124	0.50	-	1.74
	40	7163	0.36	-	1.75
	45	7151	0.34	-	1.76
	50	7177	0.43	-	1.77
	55	7173	0.44	-	1.77
	60	7171	0.45	-	1.77
	65	7170	0.48	-	1.78
	70	7174	0.52	-	1.78
	75	7151	0.41	-	1.79
	80	7146	0.40	-	1.79
	85	7136	0.38	-	1.78
	90	7139	0.39	-	1.80
	95	7130	0.38	-	1.84
	100 (3)	7074	-	-	-
	Average (4)	-	0.39	-	1.76
	Maximum (4)	-	0.52	-	-
	Range (4)	-	0.75	-	-

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

Corresponding Gamma

