

Colorimetric Report

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CCalc 2.5
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Date	Thursday, November 3, 2022
Tester	Damian Köb
Display	BenQ PD2705U
Sensor	X-Rite i1 Pro
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	6468 Kelvin
White Point XYZ (normalized)	95.45 100.00 109.07
DeltaE to D50/ D65	19.56/ 0.71
Assumed Target Whitepoint (1)	6500 Kelvin
DeltaE to Assumed Target Whitepoint	0.78
Brightness (2)	245.10 cd/m²
Black Point (2)	0.20 cd/m²
Contrast (x:1)	1226:1
Gradation (Average)	2.19

(1) Daylight (2) Measured separately

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	7141	1.13	-	2.11
	15	6620	1.48	-	2.15
	20	6541	1.16	-	2.17
	25	6600	0.92	-	2.20
	30	6544	0.85	-	2.21
	35	6497	0.69	-	2.21
	40	6518	0.32	-	2.20
	45	6510	0.23	-	2.21
	50	6499	0.26	-	2.21
	55	6467	0.40	-	2.21
	60	6482	0.29	-	2.19
	65	6479	0.23	-	2.19
	70	6477	0.12	-	2.20
	75	6463	0.28	-	2.20
	80	6472	0.20	-	2.19
	85	6472	0.14	-	2.19
	90	6467	0.10	-	2.18
	95	6464	0.14	-	2.18
	100 (3)	6468	-	-	-
	Average (4)	-	0.46	-	2.19
	Maximum (4)	-	1.48	-	-
	Range (4)	-	1.48	-	-

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

Corresponding Gamma

