

Colorimetric Report

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CCalc 2.4
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Date	Monday, September 30, 2019
Tester	Denis Freund
Display	BenQ PD3220U
Sensor	X-Rite i1 Pro
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	6453 Kelvin
White Point XYZ (normalized)	96.57 100.00 110.85
DeltaE to D50/ D65	20.68/ 2.91
Assumed Target Whitepoint (1)	6500 Kelvin
DeltaE to Assumed Target Whitepoint	2.99
Brightness (2)	195.30 cd/m²
Black Point (2)	0.14 cd/m²
Contrast (x:1)	1395:1
Gradation (Average)	2.23

(1) Daylight (2) Measured separately

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	7442	1.71	-	2.14
	15	7153	1.59	-	2.18
	20	6874	1.08	-	2.20
	25	6768	1.02	-	2.21
	30	6684	0.89	-	2.22
	35	6641	0.79	-	2.23
	40	6618	0.70	-	2.22
	45	6626	0.75	-	2.22
	50	6613	0.78	-	2.22
	55	6579	0.64	-	2.22
	60	6620	0.88	-	2.23
	65	6576	0.70	-	2.23
	70	6575	0.75	-	2.24
	75	6595	0.92	-	2.25
	80	6538	0.85	-	2.25
	85	6574	1.00	-	2.25
	90	6559	0.92	-	2.26
	95	6550	0.99	-	2.30
	100 (3)	6453	-	-	-
	Average (4)	-	0.9	-	2.23
	Maximum (4)	-	1.59	-	-
	Range (4)	-	1.78	-	-

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

Corresponding Gamma

