

Colorimetric Report

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CCalc 2.5
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Date	Wednesday, August 24, 2022
Tester	Oliver Jachmann
Display	Corsair Xenon 32UHD144
Sensor	X-Rite i1 Display Pro (Corr.: WLED, XR)
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	5684 Kelvin
White Point XYZ (normalized)	93.95 100.00 92.37
DeltaE to D50/ D65	8.79/ 10.84
Assumed Target Whitepoint (1)	5700 Kelvin
DeltaE to Assumed Target Whitepoint	3.50
Brightness	165.66 cd/m²
Black Point	0.17 cd/m²
Contrast (x:1)	974:1
Gradation (Average)	2.18

(1) Daylight

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	5821	0.27	-	2.14
	15	5759	0.31	-	2.16
	20	5768	0.49	-	2.17
	25	5785	0.70	-	2.17
	30	5777	0.77	-	2.17
	35	5736	0.42	-	2.18
	40	5778	0.83	-	2.18
	45	5750	0.69	-	2.18
	50	5740	0.68	-	2.18
	55	5733	0.88	-	2.19
	60	5720	0.74	-	2.19
	65	5709	0.50	-	2.20
	70	5695	0.48	-	2.20
	75	5691	0.44	-	2.20
	80	5687	0.37	-	2.21
	85	5690	0.32	-	2.20
	90	5687	0.13	-	2.20
	95	5683	0.13	-	2.19
	100 (2)	5684	-	-	-
	Average (3)	-	0.52	-	2.18
	Maximum (3)	-	0.88	-	-
	Range (3)	-	0.88	-	-

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

Corresponding Gamma

