

Colorimetric Report

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CCalc 2.5
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Date	Sunday, March 12, 2023
Tester	Oliver Jachmann
Display	Corsair Xeneon Flex 45WQHD240
Sensor	X-Rite i1 Pro
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	6395 Kelvin
White Point XYZ (normalized)	95.58 100.00 108.15
DeltaE to D50/ D65	18.93/ 1.04
Assumed Target Whitepoint (1)	6400 Kelvin
DeltaE to Assumed Target Whitepoint	1.09
Brightness (2)	116.68 cd/m²
Black Point (2)	-
Contrast (x:1)	-
Gradation (Average)	2.16

(1) Daylight (2) Measured separately

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6305	0.16	-	2.14
	15	6591	0.48	-	2.15
	20	6275	0.61	-	2.15
	25	6267	1.18	-	2.14
	30	6329	0.71	-	2.15
	35	6458	0.48	-	2.15
	40	6535	0.62	-	2.14
	45	6545	0.82	-	2.13
	50	6526	0.97	-	2.13
	55	6460	0.70	-	2.14
	60	6439	0.68	-	2.10
	65	6475	0.84	-	2.11
	70	6474	0.75	-	2.11
	75	6462	0.57	-	2.13
	80	6451	0.40	-	2.15
	85	6452	0.42	-	2.22
	90	6455	0.49	-	2.27
	95	6433	0.33	-	2.34
	100 (3)	6395	-	-	-
	Average (4)	-	0.65	-	2.16
	Maximum (4)	-	1.18	-	-
	Range (4)	-	2.12	-	-

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

Corresponding Gamma

