

Colorimetric Report

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CCalc 2.6
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Date	Tuesday, July 11, 2023
Tester	Damian Köb
Display	Acer Predator X27U
Sensor	X-Rite i1 Display Pro (Corr.: Generic)
Testchart	Only neutral colours
Target	Greybalance
Display Profile	Not considered
Rendering Intent	-

White Point (CCT)	6109 Kelvin
White Point XYZ (normalized)	93.78 100.00 100.04
DeltaE to D50/ D65	14.03/ 6.00
Assumed Target Whitepoint (1)	6100 Kelvin
DeltaE to Assumed Target Whitepoint	2.92
Brightness (2)	315.20 cd/m²
Black Point (2)	0.00 cd/m²
Contrast (x:1)	-
Gradation (Average)	2.07

(1) Daylight (2) Measured separately

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6323	0.56	-	2.23
	15	6111	0.15	-	2.22
	20	6009	0.42	-	2.18
	25	5984	0.97	-	2.16
	30	6045	0.38	-	2.16
	35	5946	0.93	-	2.12
	40	5956	0.94	-	2.09
	45	6071	0.23	-	2.08
	50	6085	0.35	-	2.06
	55	6071	0.33	-	2.03
	60	6060	0.52	-	2.00
	65	6077	0.29	-	1.99
	70	6066	0.41	-	1.98
	75	6084	0.28	-	1.97
	80	6095	0.49	-	1.95
	85	6103	0.57	-	1.98
	90	6085	0.54	-	2.00
	95	6101	0.14	-	2.02
	100 (3)	6109	-	-	-
	Average (4)	-	0.47	-	2.07
	Maximum (4)	-	0.97	-	-
	Range (4)	-	1.48	-	-

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

Corresponding Gamma

