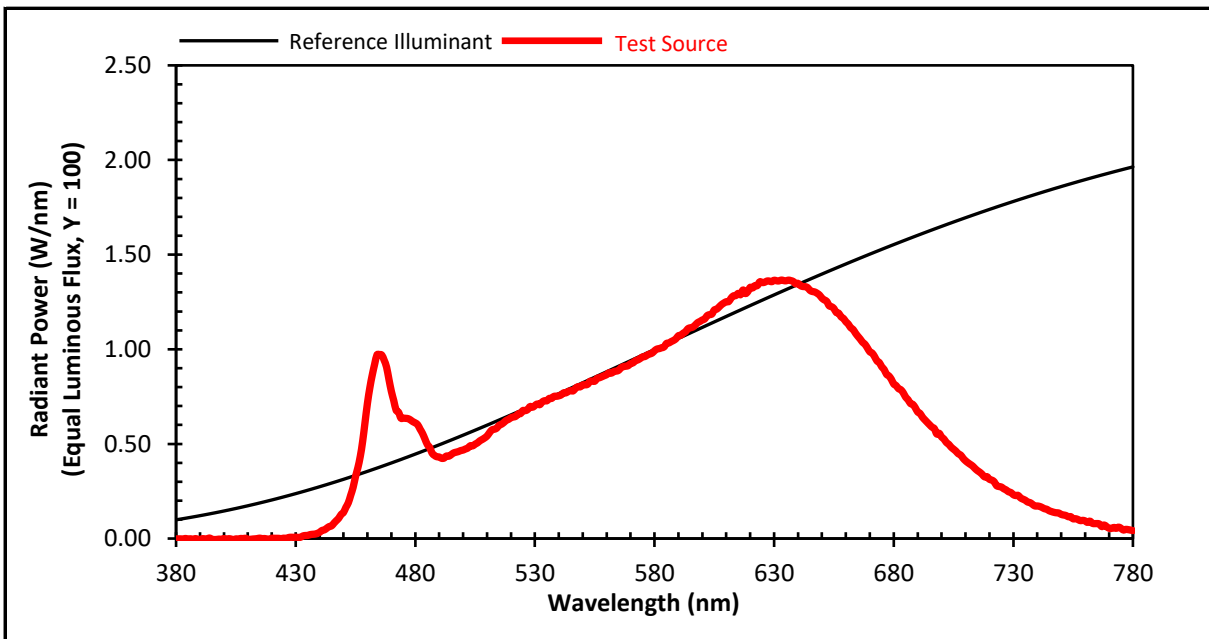


Photometric Measurement Report

Measured via Labsphere's Integral™ Light Measurement Platform

TM-30 Graphical Data via IES TM-30 Basic Calculator Version 2.05

Product	AL-SL-EN-CC-IP20-24	11/5/25 12:20 PM
Description	Endless™ Static White LED Strip Light	Integration Time 320.20 Scans Averaged 3
Notes	1M	Saturation 79.09%
Scan ID	288 Test by EV	Sphere Geometry 4pi



CCT (K)	Lumens	Watts	Volts (DC)	Amps	Efficacy
3058.00	275.20	3.32	24.00	0.14	82.86

CIE 1931			CIE 1960		CIE 1796	
x	y	Y	u	v	u'	v'
0.43	0.40	0.40	0.25	0.34	0.25	0.52

CRI (Ra)		94.29			
R1	98	R6	94	R11	96
R2	98	R7	91	R12	78
R3	96	R8	87	R13	99
R4	94	R9	77	R14	99
R5	96	R10	98	R15	95

CQS (Qa)		92.84			
VS1	88	VS6	91	VS11	97
VS2	95	VS7	96	VS12	96
VS3	94	VS8	96	VS13	95
VS4	89	VS9	98	VS14	93
VS5	89	VS10	99	VS15	91

Understanding TM-30

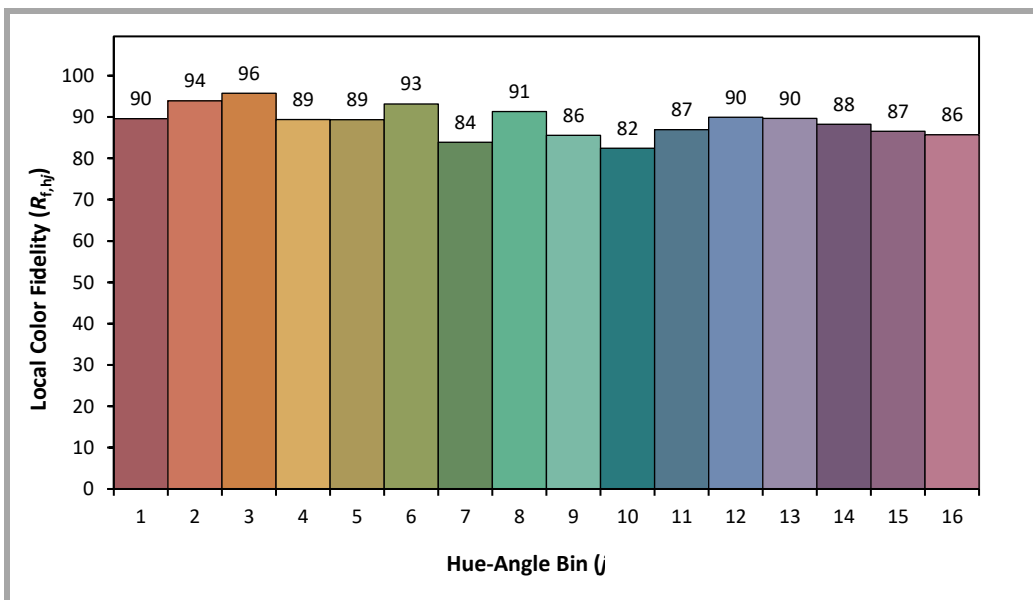
<u>Measure</u>	<u>Symbol</u>	<u>Description</u>	<u>Typical Values</u>
Fidelity Index	Rf	Overall average similarity	70 to 100
Gamut Index	Rg	Overall average saturation (change in chroma) >100 = Oversaturated, <100 = Desaturated	80 to 120
Color Vector Graphic	CVG	Visual representation of hue and saturation changes	n/a
Local Color Fidelity	Rf,hj	Average similarity for a specific hue-angle bin (16 values)	60 to 100
Local Chroma Shift	Rcs,hj	Average relative change in chroma for a specific hue-angle bin (16 values)	-20% to 20%
Local Hue Shift	Rhs,hj	Average change in hue angle (in radians) for a specific hue-angle bin (16 values)	-0.2 to 0.2
Sample Color Fidelity	Rf,ces	Average similarity for a specific color sample (99 values)	60 to 100

TM-30 Measurements

TM-30	Rf	89.05
	Rg	96.34

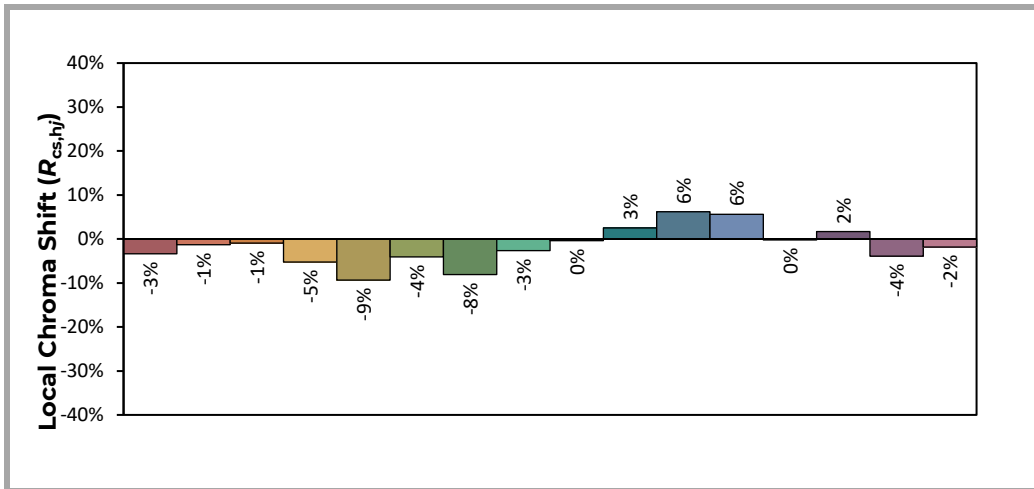
Local Color Fidelity

Rf,hj 1	89.6	Rf,hj 5	89.3	Rf,hj 9	85.6	Rf,hj 13	89.7
Rf,hj 2	93.9	Rf,hj 6	93.1	Rf,hj 10	82.4	Rf,hj 14	88.2
Rf,hj 3	95.7	Rf,hj 7	83.9	Rf,hj 11	86.9	Rf,hj 15	86.5
Rf,hj 4	89.4	Rf,hj 8	91.3	Rf,hj 12	89.9	Rf,hj 16	85.7



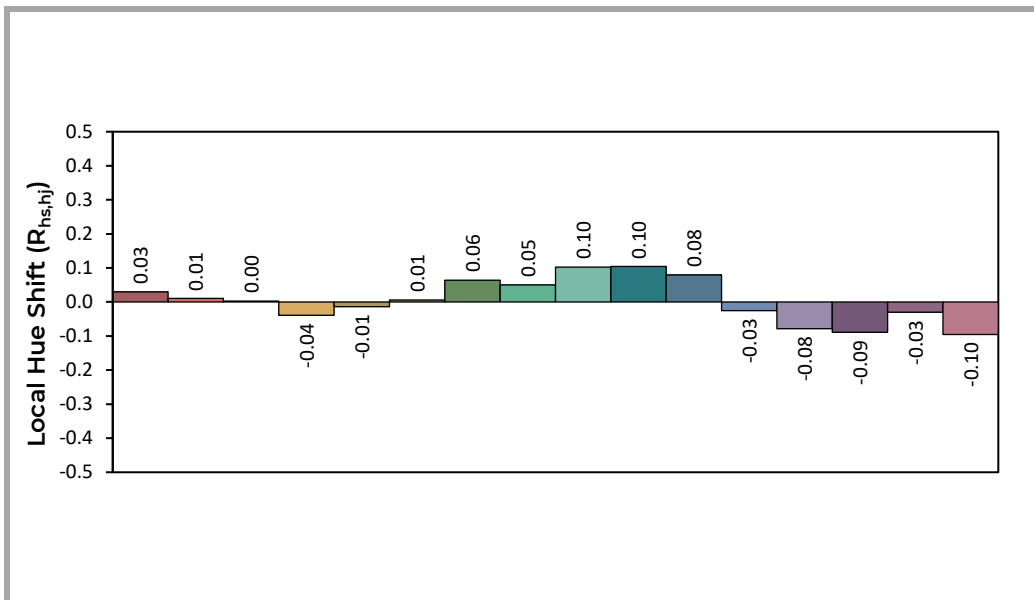
Local Chroma Shift

Rcs,hj 1	-3.4	Rcs,hj 5	-9.3	Rcs,hj 9	-0.4	Rcs,hj 13	-0.2
Rcs,hj 2	-1.3	Rcs,hj 6	-4.1	Rcs,hj 10	2.5	Rcs,hj 14	1.7
Rcs,hj 3	-0.9	Rcs,hj 7	-8.1	Rcs,hj 11	6.2	Rcs,hj 15	-3.9
Rcs,hj 4	-5.2	Rcs,hj 8	-2.6	Rcs,hj 12	5.6	Rcs,hj 16	-1.8

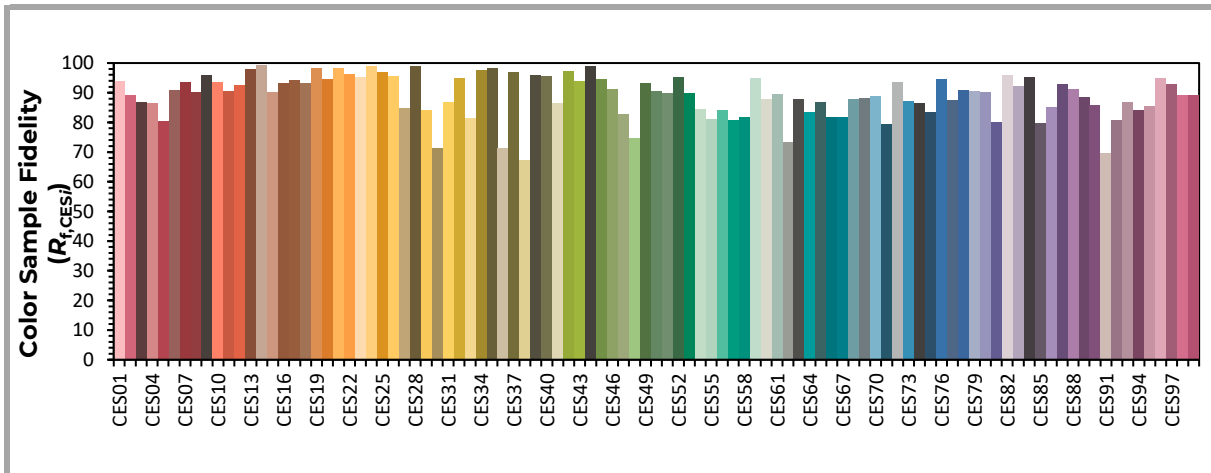


Local Hue Shift

Rhs,hj 1	0.03	Rhs,hj 5	-0.01	Rhs,hj 9	0.10	Rhs,hj 13	###
Rhs,hj 2	0.01	Rhs,hj 6	0.01	Rhs,hj 10	0.10	Rhs,hj 14	###
Rhs,hj 3	0.00	Rhs,hj 7	0.06	Rhs,hj 11	0.08	Rhs,hj 15	###
Rhs,hj 4	###	Rhs,hj 8	0.05	Rhs,hj 12	###	Rhs,hj 16	-0.10



Sample Color Fidelity							
Rf,ces 1	93.9	Rf,ces 26	95.5	Rf,ces 51	89.8	Rf,ces 76	94.4
Rf,ces 2	89.2	Rf,ces 27	84.7	Rf,ces 52	95.2	Rf,ces 77	87.5
Rf,ces 3	86.9	Rf,ces 28	99.0	Rf,ces 53	89.7	Rf,ces 78	90.9
Rf,ces 4	86.4	Rf,ces 29	84.1	Rf,ces 54	84.4	Rf,ces 79	90.6
Rf,ces 5	80.4	Rf,ces 30	71.2	Rf,ces 55	81.2	Rf,ces 80	90.2
Rf,ces 6	90.7	Rf,ces 31	86.6	Rf,ces 56	84.2	Rf,ces 81	80.2
Rf,ces 7	93.4	Rf,ces 32	94.8	Rf,ces 57	80.8	Rf,ces 82	96.0
Rf,ces 8	90.3	Rf,ces 33	81.5	Rf,ces 58	81.8	Rf,ces 83	92.3
Rf,ces 9	96.0	Rf,ces 34	97.6	Rf,ces 59	95.1	Rf,ces 84	95.3
Rf,ces 10	93.6	Rf,ces 35	98.2	Rf,ces 60	87.7	Rf,ces 85	79.8
Rf,ces 11	90.7	Rf,ces 36	71.2	Rf,ces 61	89.4	Rf,ces 86	85.0
Rf,ces 12	92.4	Rf,ces 37	97.0	Rf,ces 62	73.2	Rf,ces 87	92.9
Rf,ces 13	98.0	Rf,ces 38	67.3	Rf,ces 63	87.7	Rf,ces 88	91.2
Rf,ces 14	99.3	Rf,ces 39	95.8	Rf,ces 64	83.5	Rf,ces 89	88.5
Rf,ces 15	90.1	Rf,ces 40	95.6	Rf,ces 65	86.8	Rf,ces 90	85.8
Rf,ces 16	93.2	Rf,ces 41	86.6	Rf,ces 66	81.7	Rf,ces 91	69.7
Rf,ces 17	94.1	Rf,ces 42	97.3	Rf,ces 67	81.7	Rf,ces 92	80.6
Rf,ces 18	93.3	Rf,ces 43	93.9	Rf,ces 68	87.8	Rf,ces 93	86.9
Rf,ces 19	98.2	Rf,ces 44	99.0	Rf,ces 69	88.2	Rf,ces 94	84.3
Rf,ces 20	94.6	Rf,ces 45	94.6	Rf,ces 70	88.7	Rf,ces 95	85.6
Rf,ces 21	98.2	Rf,ces 46	91.3	Rf,ces 71	79.5	Rf,ces 96	95.0
Rf,ces 22	96.1	Rf,ces 47	82.9	Rf,ces 72	93.6	Rf,ces 97	92.8
Rf,ces 23	95.3	Rf,ces 48	74.6	Rf,ces 73	87.3	Rf,ces 98	89.3
Rf,ces 24	99.1	Rf,ces 49	93.1	Rf,ces 74	86.3	Rf,ces 99	89.0
Rf,ces 25	96.8	Rf,ces 50	90.6	Rf,ces 75	83.4		



TM-30 Color Vector Graphic (CVG)

The Color Vector Graphic (CVG) shows a normalized version of the average change in (a', b') coordinates of CAM02-UCS for the CES within each hue-angle bin.

