

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1048711

Luminaire Tested: **GALN-SA2C-930-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048711
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2C-930-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7954.1 lumens
Efficiency: N/A
Efficacy: 82.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 96.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

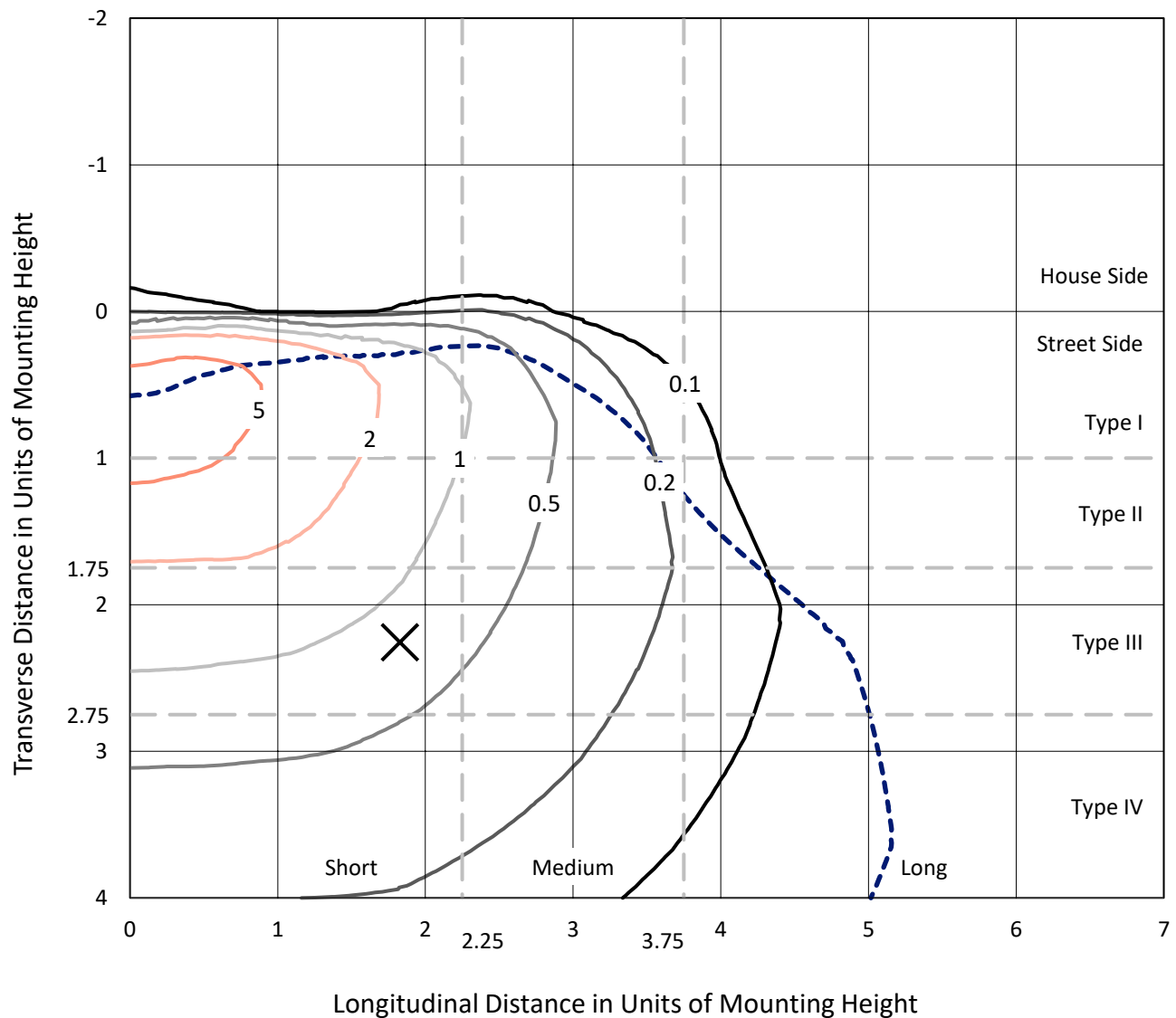


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

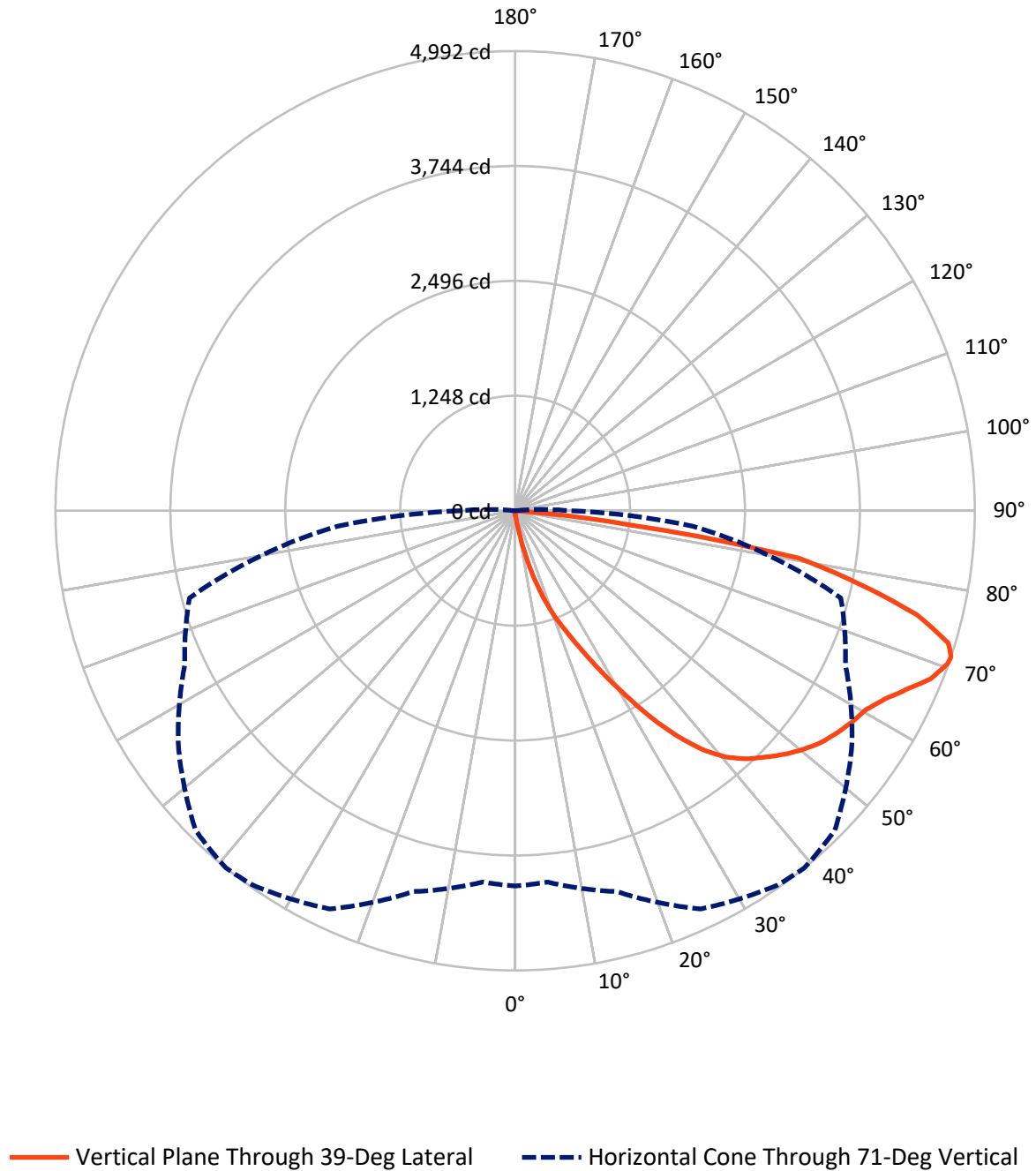


Based on 15 foot mounting height. Maximum calculated value = 8.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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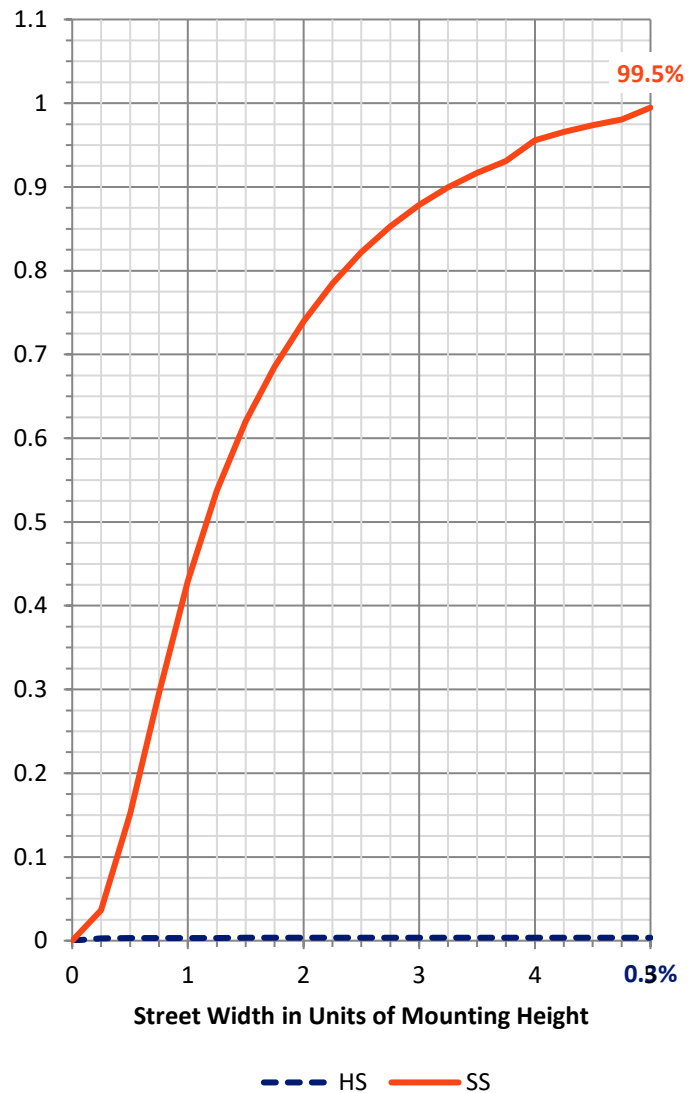
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	28.3	0.0	28.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	7925.9	0.0	7925.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	7954.1	0.0	7954.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.6	0.1
10°-20°	85.0	1.1
20°-30°	302.8	3.8
30°-40°	729.7	9.2
40°-50°	1221.2	15.4
50°-60°	1568.4	19.7
60°-70°	1984.9	25.0
70°-80°	1769.6	22.2
80°-90°	286.0	3.6
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	7954.1	100.0
0°-180°	7954.1	100.0



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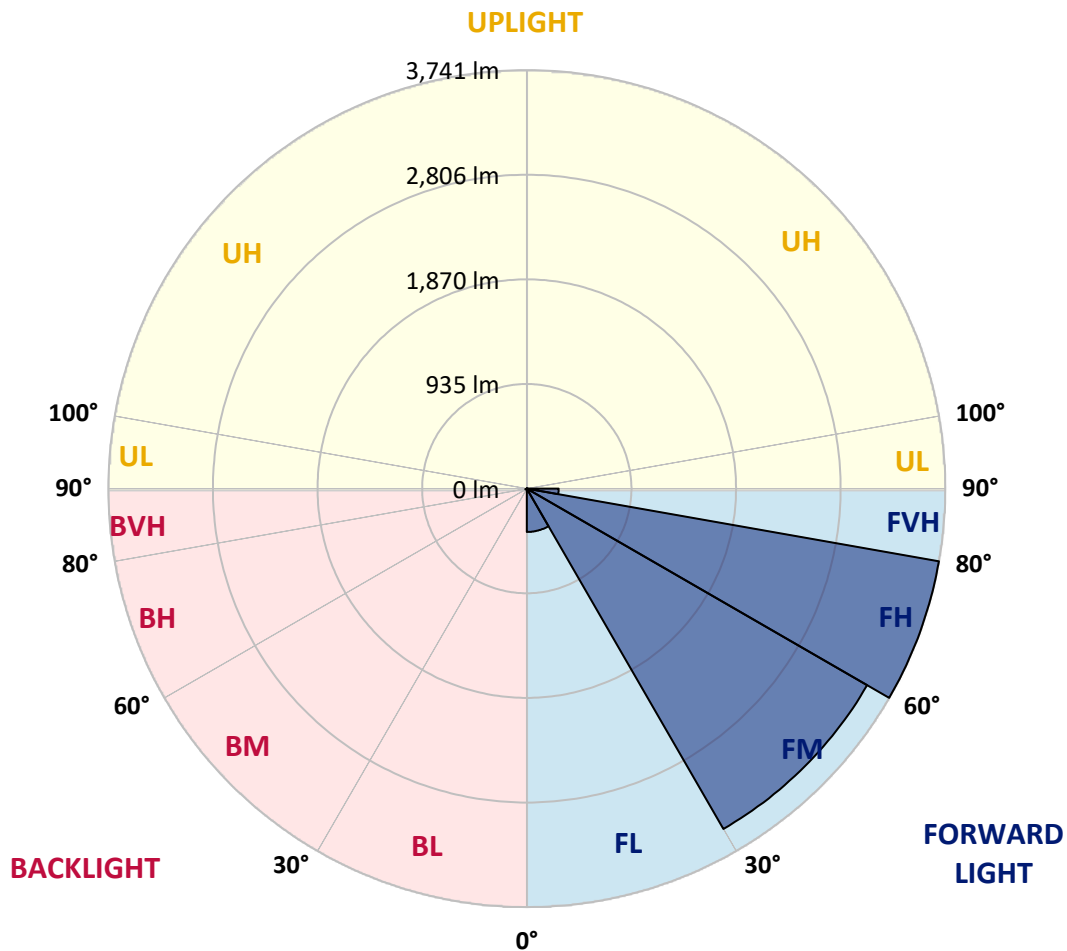
CATALOG NUMBER: GALN-SA2C-930-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	387.6	4.9			
FM	(30°-60°)	3512.7	44.2			
FH	(60°-80°)	3740.8	47.0			G2/5000
FVH	(80°-90°)	284.7	3.6			G3/500
BL	(0°-30°)	6.8	0.1	B0/110		
BM	(30°-60°)	6.5	0.1	B0/220		
BH	(60°-80°)	13.6	0.2	B0/110		G0/110
BVH	(80°-90°)	1.3	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
2.5°	50.1	50.1	50.1	48.5	48.5	47.9	47.4	47.4	46.3	45.8	44.7
5°	75.9	74.3	70.5	68.4	64.1	61.4	58.7	54.9	51.2	48.5	45.2
7.5°	171.8	175.5	163.2	140.0	116.3	106.1	88.8	71.6	59.2	51.2	45.8
10°	437.8	435.6	393.6	347.3	268.1	236.4	185.2	116.8	76.5	56.0	46.3
12.5°	744.7	742.5	693.0	630.0	525.5	459.3	362.4	218.1	109.8	63.5	46.3
15°	1002.6	994.0	978.4	915.9	793.7	738.2	610.1	385.5	177.7	76.5	47.4
17.5°	1173.3	1165.8	1151.2	1128.6	1051.1	985.4	882.5	605.8	287.5	99.1	49.5
20°	1330.0	1324.6	1312.7	1308.4	1258.4	1223.4	1138.3	858.8	448.0	134.6	52.8
22.5°	1545.4	1534.1	1538.9	1513.1	1464.1	1422.1	1369.8	1123.8	644.0	193.8	58.7
25°	1809.2	1803.8	1790.4	1772.0	1704.2	1667.6	1587.4	1373.6	863.1	271.4	65.2
27.5°	2128.0	2122.0	2118.8	2076.8	1998.7	1958.9	1846.9	1609.4	1109.8	380.1	73.8
30°	2495.2	2497.9	2476.9	2423.0	2332.0	2276.0	2160.8	1856.6	1362.3	507.8	82.9
32.5°	2875.3	2870.0	2837.6	2774.1	2692.8	2640.6	2494.1	2127.4	1627.2	676.3	93.7
35°	3285.1	3274.9	3189.8	3117.1	3047.6	2982.0	2848.4	2441.9	1892.1	865.3	108.2
37.5°	3698.6	3650.7	3480.0	3387.9	3340.0	3286.2	3161.8	2777.3	2155.4	1076.4	126.0
40°	4010.9	3973.8	3771.3	3601.7	3563.5	3517.7	3425.1	3067.0	2435.4	1303.1	147.5
42.5°	4183.8	4163.3	3981.3	3813.9	3723.9	3683.6	3604.4	3320.1	2712.2	1553.4	178.8
45°	4257.5	4225.8	4104.1	4026.0	3882.8	3816.0	3721.8	3511.3	3001.3	1837.7	222.4
47.5°	4234.9	4216.6	4129.4	4157.9	4054.0	3950.1	3811.7	3657.7	3248.5	2164.0	282.1
50°	4092.8	4077.2	4050.2	4204.8	4191.9	4069.1	3928.0	3773.5	3450.4	2500.6	374.8
52.5°	3822.5	3816.0	3884.9	4168.2	4269.9	4174.1	4040.0	3875.8	3638.9	2852.2	507.2
55°	3474.1	3500.5	3697.6	4111.1	4309.8	4251.6	4139.1	3971.6	3790.2	3166.6	702.7
57.5°	3330.9	3337.9	3583.9	4070.7	4327.5	4320.0	4235.5	4063.2	3929.1	3418.1	1001.0
60°	3498.3	3487.6	3617.3	4101.4	4363.1	4381.4	4321.1	4148.2	4049.7	3634.0	1398.4
62.5°	3800.9	3795.0	3836.5	4232.2	4467.0	4504.2	4440.1	4209.6	4156.3	3776.2	1851.7
65°	4071.2	4058.9	4135.9	4464.3	4649.5	4675.9	4619.9	4314.6	4203.2	3879.6	2277.7
67.5°	4188.1	4185.4	4309.2	4685.1	4841.2	4869.8	4820.8	4459.5	4192.4	3912.4	2465.6
70°	4134.8	4124.6	4322.7	4778.8	4949.5	4981.8	4934.4	4513.3	4075.6	3808.5	2187.2
71°	4076.1	4048.6	4282.3	4772.3	4964.5	4992.0	4909.1	4464.3	3958.2	3660.9	1934.7
72.5°	3894.1	3898.9	4171.4	4705.0	4928.5	4920.4	4765.8	4288.8	3816.6	3326.0	1554.0
75°	3446.1	3474.6	3812.2	4422.3	4606.5	4503.6	4267.2	3953.3	3532.3	2384.8	1079.1
77.5°	2816.1	2858.6	3229.6	3878.5	3826.2	3816.0	3806.3	3483.3	3016.4	1281.0	750.6
80°	1344.5	1436.6	1948.1	2768.7	3007.8	3123.6	3050.9	2807.0	2332.6	610.1	448.5
82.5°	87.8	86.7	122.8	232.6	980.5	1267.5	2013.8	2006.3	1626.1	297.2	183.1
85°	41.5	42.5	46.8	53.3	61.9	67.8	93.7	549.2	778.1	141.6	39.8
87.5°	24.2	24.8	29.1	37.2	48.5	53.8	64.1	82.4	101.2	78.1	8.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048711

CATALOG NUMBER: GALN-SA2C-930-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
2.5°	44.2	43.6	42.0	40.4	38.8	37.7	37.2	37.7	37.7	38.2	38.2
5°	44.2	42.5	39.8	36.6	34.5	32.3	31.2	30.7	31.2	31.2	31.2
7.5°	43.6	40.9	37.2	33.4	30.7	28.0	26.9	26.4	26.4	26.9	26.9
10°	42.5	39.8	35.0	30.7	27.5	24.2	22.6	21.0	21.0	21.0	21.5
12.5°	42.0	38.2	32.3	28.0	23.7	19.9	16.7	15.1	15.6	15.6	15.6
15°	40.9	36.6	30.7	25.3	19.9	15.1	12.4	10.8	11.3	11.8	11.3
17.5°	40.9	36.1	28.5	22.1	15.6	11.3	9.2	8.1	8.1	8.6	8.6
20°	40.9	35.0	26.9	18.8	11.8	8.6	6.5	5.9	5.9	7.0	7.5
22.5°	42.0	35.0	24.8	15.6	9.7	6.5	4.8	4.3	4.8	5.9	6.5
25°	43.6	34.5	22.6	14.0	8.1	4.8	3.8	2.7	3.2	4.3	4.8
27.5°	45.2	33.9	20.5	12.4	6.5	3.8	2.7	2.2	1.6	2.2	2.2
30°	46.8	33.9	18.3	10.2	5.4	2.7	1.6	1.1	0.5	0.0	0.0
32.5°	47.9	32.8	16.7	8.1	4.3	2.2	1.1	0.5	0.0	0.0	0.0
35°	49.0	31.8	14.5	6.5	3.2	1.6	0.5	0.0	0.0	0.0	0.0
37.5°	50.1	30.2	12.4	5.4	2.7	1.1	0.0	0.0	0.0	0.0	0.0
40°	51.2	28.0	10.2	4.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	52.2	26.4	8.6	3.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0
45°	54.9	25.3	7.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	59.8	24.2	6.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	66.8	23.2	5.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	76.5	22.6	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	93.7	22.1	4.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	123.3	21.5	4.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	189.0	20.5	4.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	337.6	19.9	4.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	588.5	20.5	4.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	843.8	21.5	3.8	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	722.1	18.8	3.8	2.2	1.1	0.5	0.0	0.0	0.0	0.0	0.0
71°	588.5	16.7	3.8	2.2	1.1	0.5	0.5	0.0	0.0	0.0	0.0
72.5°	378.5	12.9	3.2	2.2	1.1	1.1	0.5	0.0	0.0	0.0	0.0
75°	159.9	10.8	3.2	2.2	1.6	1.1	1.1	0.5	0.0	0.0	0.0
77.5°	68.4	8.1	3.2	2.7	2.2	1.6	1.6	1.1	0.5	0.0	0.0
80°	25.8	6.5	3.8	3.2	2.7	2.7	2.2	1.1	0.5	0.0	0.0
82.5°	11.8	5.4	3.8	3.2	3.2	2.7	2.2	1.6	1.1	0.0	0.0
85°	7.5	4.8	3.8	3.2	3.2	2.7	2.7	1.6	1.1	0.0	0.0
87.5°	5.9	4.8	3.8	3.8	3.2	3.2	2.2	1.6	0.5	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-14
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-930-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2993
 CIE u' : 0.2501
 CIE v' : 0.5245
 Duv: 0.0021
 CIE x: 0.4406
 CIE y: 0.4107
 CIE z: 0.1487
 Peak Wavelength (nm): 621
 Dominant Wavelength (nm): 582
 Purity: 55.53327
 R_f: 92.6
 R_g: 98.5

CRI (Ra): 92.4
 R1: 92.2
 R2: 95.2
 R3: 97.0
 R4: 93.1
 R5: 91.7
 R6: 94.2
 R7: 93.3
 R8: 82.3
 R9: 58.2
 R10: 87.7
 R11: 93.5
 R12: 81.7
 R13: 92.9
 R14: 97.6
 R15: 88.1



Test Conditions

Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-14

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

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CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

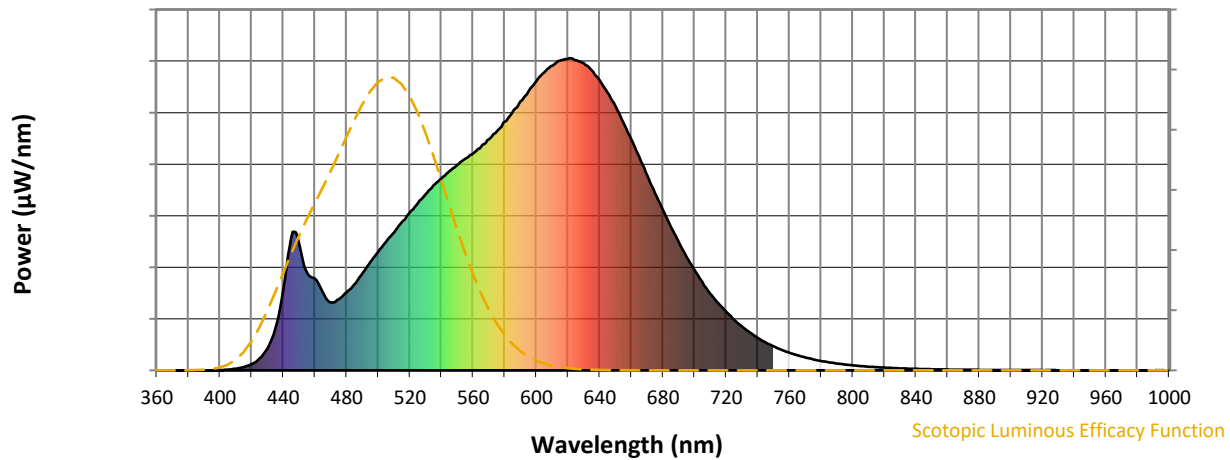


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



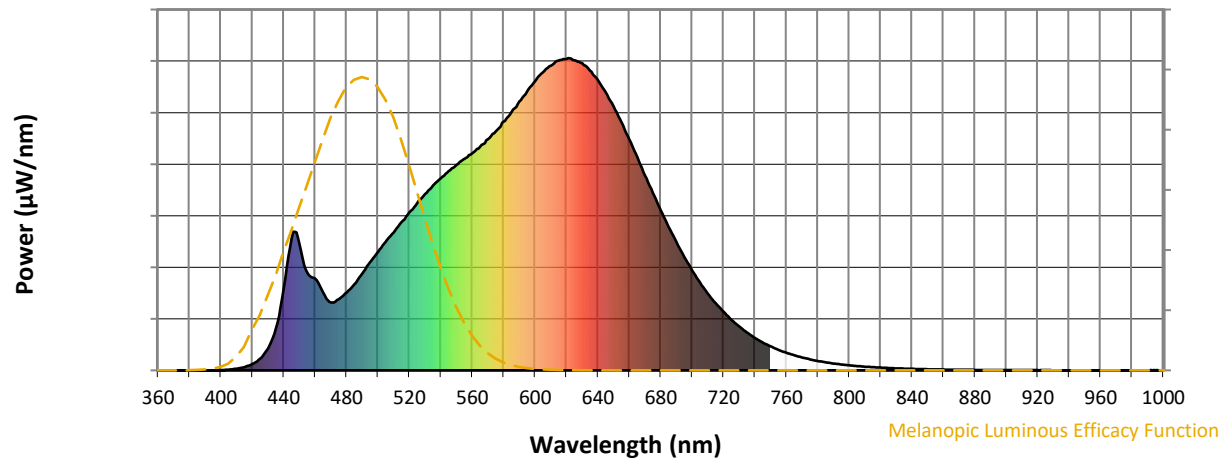
Scotopic Lumens: NR

S/P: 1.39

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.69

λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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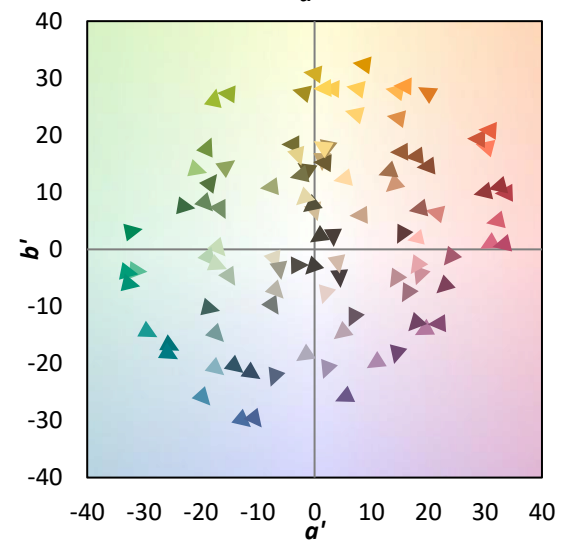
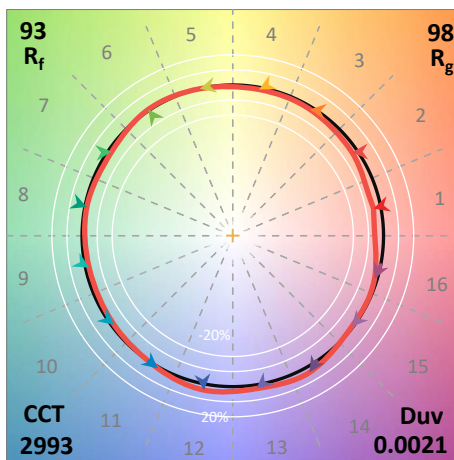
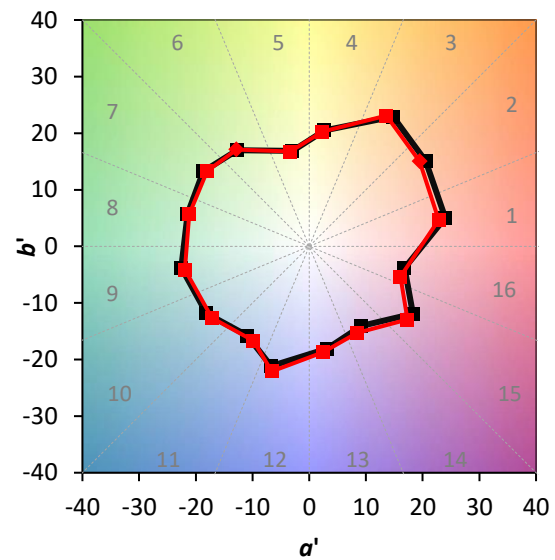
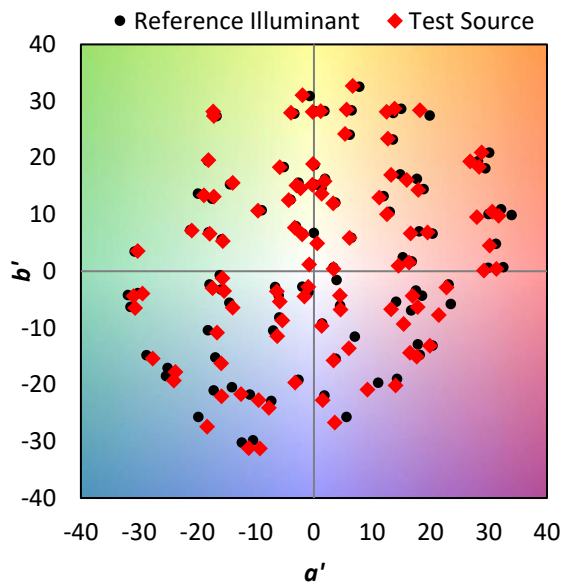
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $\text{CIE } R_a = 92.4$
 $R_9 = 58.2$

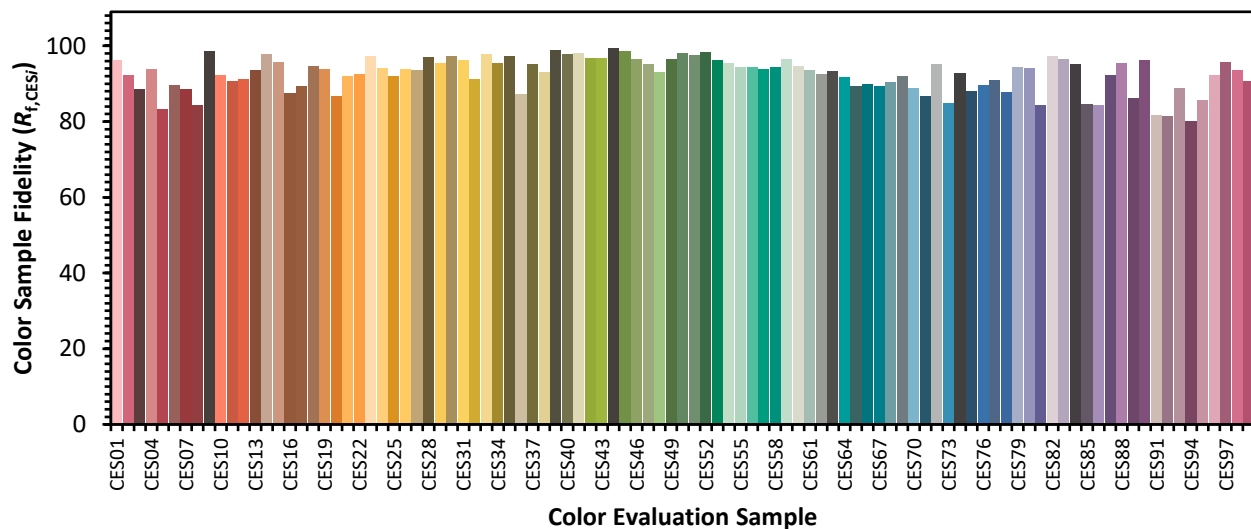


Color Vector Graphics



Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)