

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: P1048635

Luminaire Tested: **GALN-SA1C-850-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048635
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1C-850-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
80CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5257.2 lumens
Efficiency: N/A
Efficacy: 104.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 50.2
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

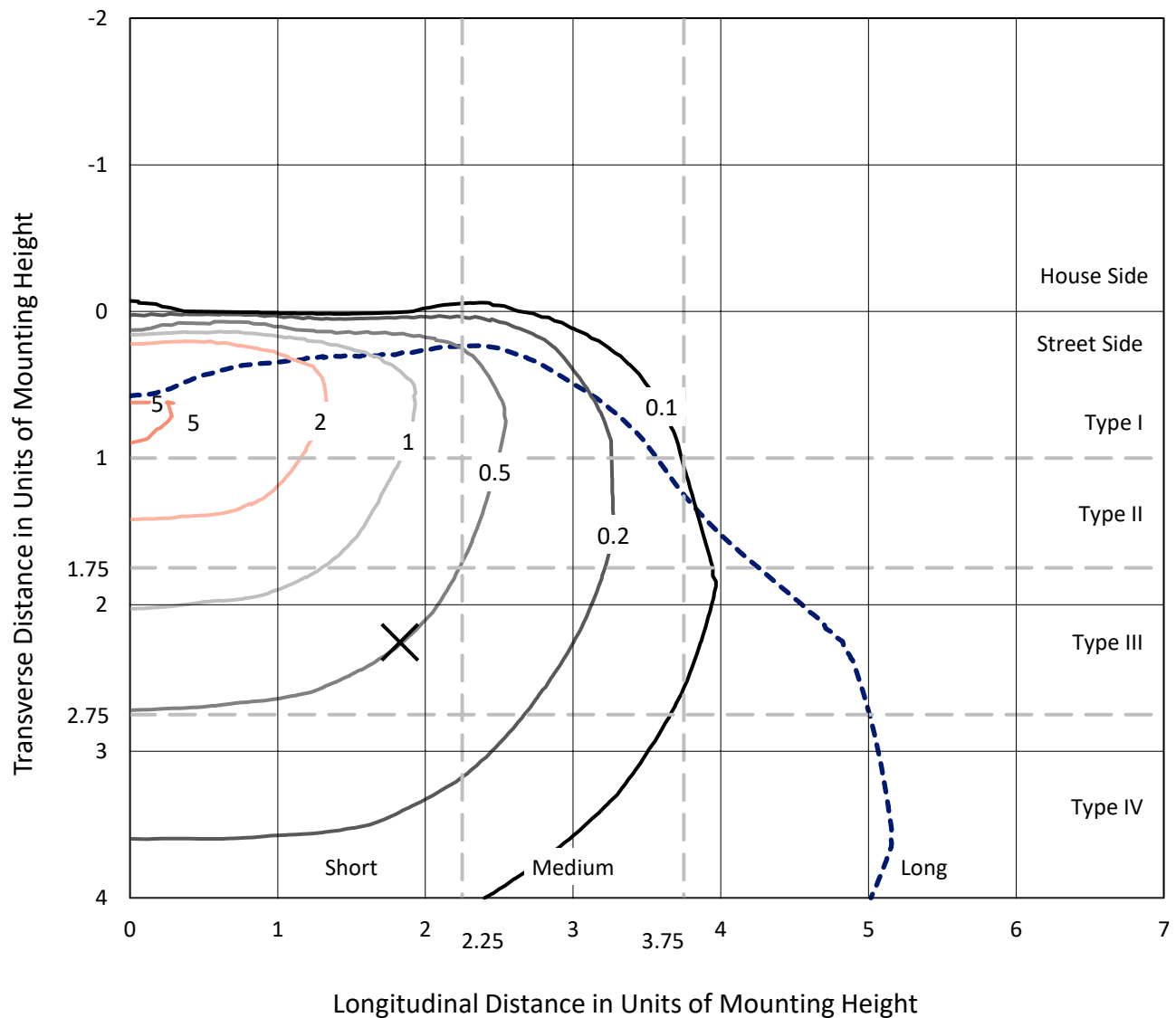


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CATALOG NUMBER: GALN-SA1C-850-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

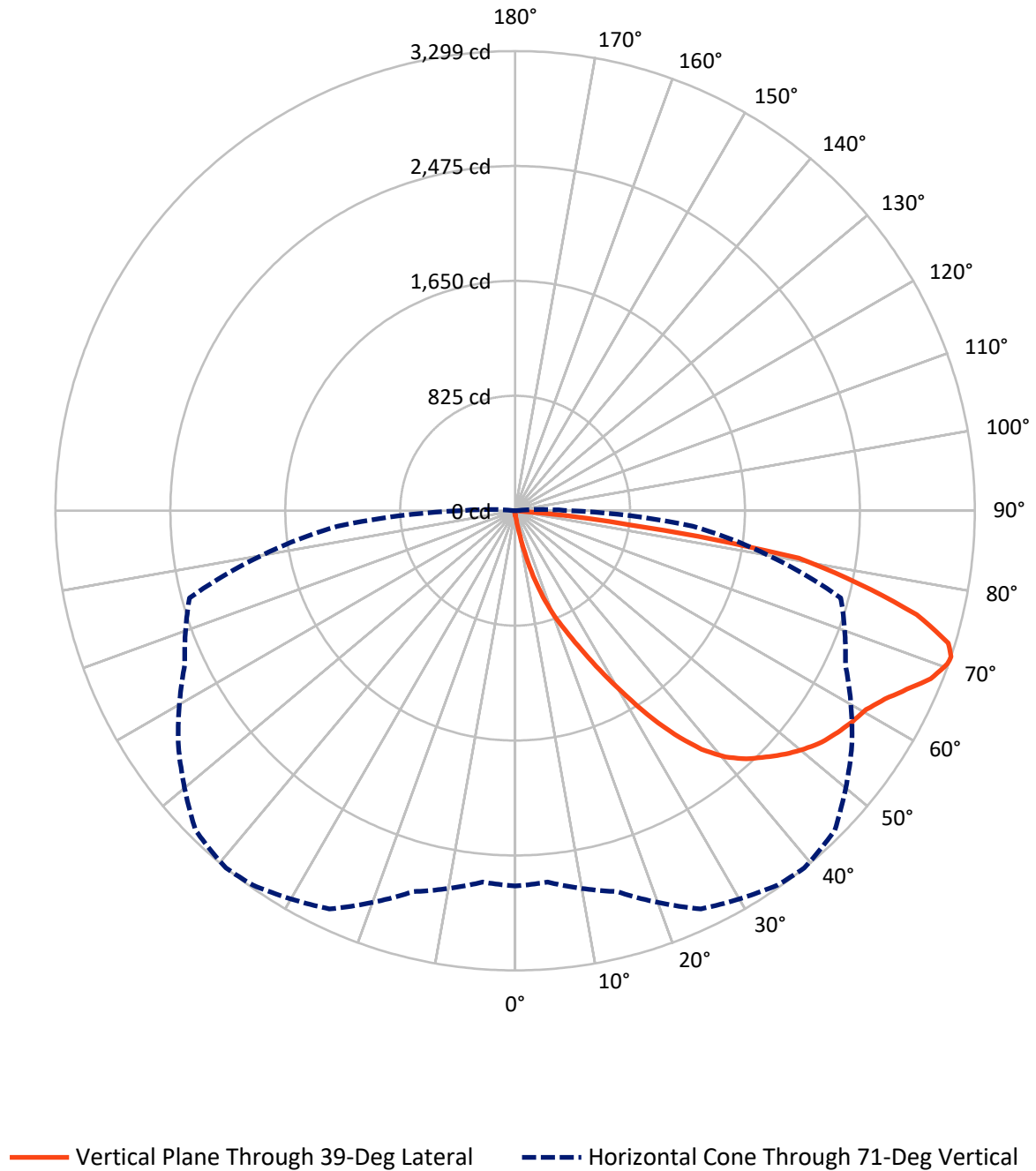


Based on 15 foot mounting height. Maximum calculated value = 5.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	18.7	0.0	18.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5238.5	0.0	5238.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	5257.2	0.0	5257.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.4	0.1
10°-20°	56.2	1.1
20°-30°	200.1	3.8
30°-40°	482.3	9.2
40°-50°	807.1	15.4
50°-60°	1036.6	19.7
60°-70°	1311.9	25.0
70°-80°	1169.6	22.2
80°-90°	189.1	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°	5257.2	100.0
0°-180°	5257.2	100.0



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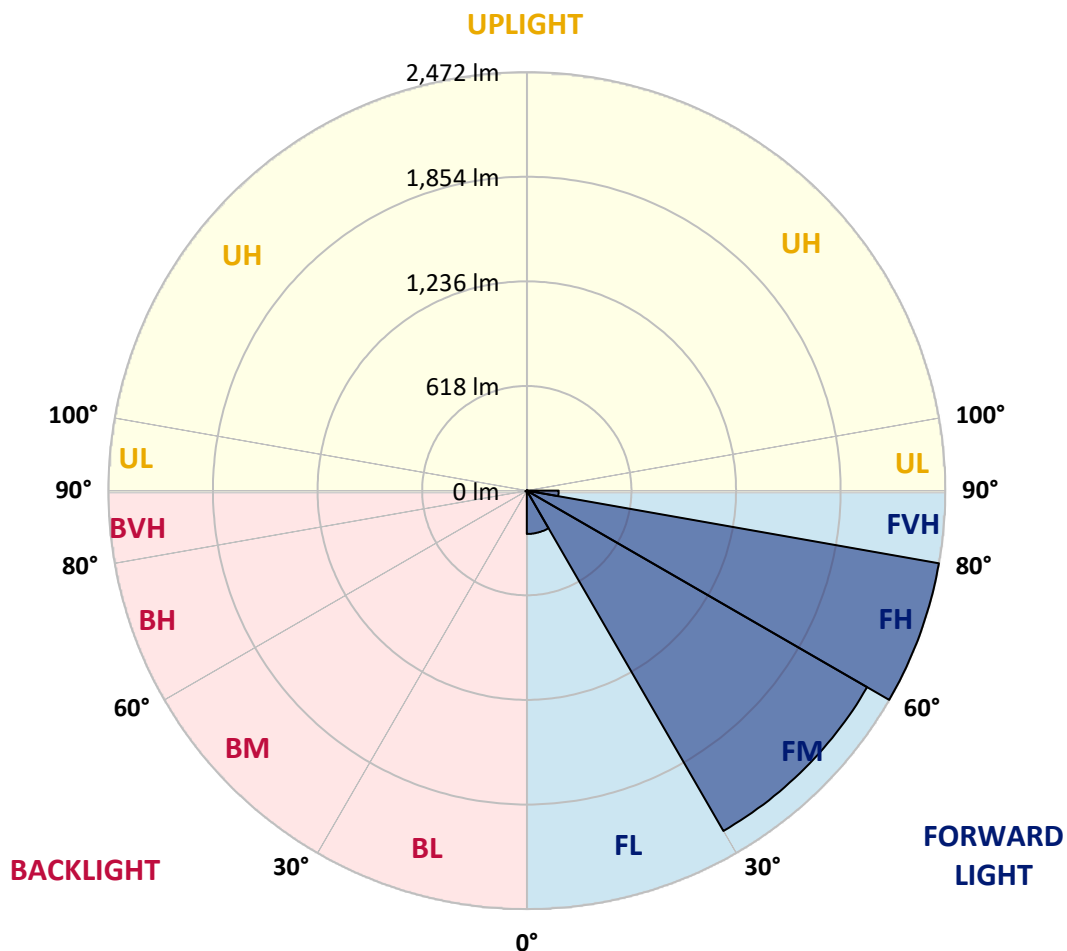
CATALOG NUMBER: GALN-SA1C-850-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	256.2	4.9			
FM	(30°-60°)	2321.7	44.2			
FH	(60°-80°)	2472.5	47.0			G2/5000
FVH	(80°-90°)	188.2	3.6			G2/225
BL	(0°-30°)	4.5	0.1	B0/110		
BM	(30°-60°)	4.3	0.1	B0/220		
BH	(60°-80°)	9.0	0.2	B0/110		G0/110
BVH	(80°-90°)	0.9	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-G2

Type IV Short



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CATALOG NUMBER: GALN-SA1C-850-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
2.5°	33.1	33.1	33.1	32.0	32.0	31.7	31.3	31.3	30.6	30.3	29.5
5°	50.2	49.1	46.6	45.2	42.4	40.6	38.8	36.3	33.8	32.0	29.9
7.5°	113.5	116.0	107.8	92.5	76.9	70.1	58.7	47.3	39.1	33.8	30.3
10°	289.3	287.9	260.2	229.5	177.2	156.2	122.4	77.2	50.5	37.0	30.6
12.5°	492.2	490.8	458.0	416.4	347.3	303.6	239.5	144.1	72.6	42.0	30.6
15°	662.7	657.0	646.6	605.4	524.6	487.9	403.2	254.8	117.4	50.5	31.3
17.5°	775.5	770.5	760.9	745.9	694.7	651.3	583.3	400.4	190.0	65.5	32.7
20°	879.0	875.5	867.6	864.8	831.7	808.6	752.3	567.6	296.1	89.0	34.9
22.5°	1021.4	1013.9	1017.1	1000.0	967.6	939.9	905.4	742.7	425.6	128.1	38.8
25°	1195.8	1192.2	1183.3	1171.2	1126.4	1102.2	1049.1	907.9	570.5	179.4	43.1
27.5°	1406.4	1402.5	1400.4	1372.6	1321.0	1294.7	1220.7	1063.7	733.5	251.3	48.8
30°	1649.2	1650.9	1637.1	1601.5	1541.3	1504.3	1428.2	1227.1	900.4	335.6	54.8
32.5°	1900.4	1896.9	1875.5	1833.5	1779.8	1745.2	1648.4	1406.1	1075.5	447.0	61.9
35°	2171.2	2164.5	2108.2	2060.2	2014.3	1970.9	1882.6	1613.9	1250.6	571.9	71.5
37.5°	2444.6	2412.9	2300.1	2239.2	2207.5	2172.0	2089.7	1835.6	1424.6	711.4	83.3
40°	2651.0	2626.4	2492.6	2380.5	2355.2	2325.0	2263.8	2027.1	1609.7	861.2	97.5
42.5°	2765.2	2751.7	2631.4	2520.7	2461.3	2434.6	2382.3	2194.4	1792.6	1026.7	118.2
45°	2814.0	2793.0	2712.5	2660.9	2566.3	2522.1	2459.9	2320.7	1983.7	1214.6	147.0
47.5°	2799.0	2786.9	2729.3	2748.1	2679.4	2610.8	2519.3	2417.5	2147.0	1430.3	186.5
50°	2705.1	2694.7	2676.9	2779.1	2770.5	2689.4	2596.2	2494.0	2280.5	1652.7	247.7
52.5°	2526.4	2522.1	2567.7	2754.9	2822.1	2758.8	2670.2	2561.6	2405.1	1885.1	335.2
55°	2296.2	2313.6	2443.8	2717.2	2848.5	2810.0	2735.7	2625.0	2505.1	2092.9	464.4
57.5°	2201.5	2206.1	2368.8	2690.5	2860.2	2855.2	2799.4	2685.5	2596.9	2259.1	661.6
60°	2312.2	2305.1	2390.8	2710.8	2883.7	2895.8	2856.0	2741.7	2676.6	2401.9	924.2
62.5°	2512.2	2508.3	2535.7	2797.2	2952.4	2977.0	2934.6	2782.3	2747.1	2495.8	1223.9
65°	2690.8	2682.6	2733.5	2950.6	3073.0	3090.5	3053.5	2851.7	2778.0	2564.1	1505.4
67.5°	2768.1	2766.3	2848.1	3096.5	3199.7	3218.6	3186.2	2947.4	2770.9	2585.8	1629.6
70°	2732.8	2726.1	2857.0	3158.5	3271.3	3292.6	3261.3	2983.0	2693.7	2517.2	1445.6
71°	2694.0	2675.9	2830.3	3154.2	3281.2	3299.4	3244.6	2950.6	2616.1	2419.6	1278.7
72.5°	2573.7	2576.9	2757.0	3109.7	3257.4	3252.1	3149.9	2834.6	2522.5	2198.3	1027.1
75°	2277.6	2296.5	2519.6	2922.9	3044.6	2976.6	2820.4	2612.9	2334.6	1576.2	713.2
77.5°	1861.3	1889.4	2134.6	2563.4	2528.9	2522.1	2515.7	2302.2	1993.7	846.6	496.1
80°	888.6	949.5	1287.6	1829.9	1988.0	2064.5	2016.4	1855.2	1541.7	403.2	296.5
82.5°	58.0	57.3	81.1	153.7	648.1	837.7	1331.0	1326.0	1074.8	196.4	121.0
85°	27.4	28.1	31.0	35.2	40.9	44.8	61.9	363.0	514.3	93.6	26.3
87.5°	16.0	16.4	19.2	24.6	32.0	35.6	42.4	54.5	66.9	51.6	5.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA1C-850-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
2.5°	29.2	28.8	27.8	26.7	25.6	24.9	24.6	24.9	24.9	25.3	25.3
5°	29.2	28.1	26.3	24.2	22.8	21.4	20.6	20.3	20.6	20.6	20.6
7.5°	28.8	27.0	24.6	22.1	20.3	18.5	17.8	17.4	17.4	17.8	17.8
10°	28.1	26.3	23.1	20.3	18.2	16.0	14.9	13.9	13.9	13.9	14.2
12.5°	27.8	25.3	21.4	18.5	15.7	13.2	11.0	10.0	10.3	10.3	10.3
15°	27.0	24.2	20.3	16.7	13.2	10.0	8.2	7.1	7.5	7.8	7.5
17.5°	27.0	23.8	18.9	14.6	10.3	7.5	6.1	5.3	5.3	5.7	5.7
20°	27.0	23.1	17.8	12.5	7.8	5.7	4.3	3.9	3.9	4.6	5.0
22.5°	27.8	23.1	16.4	10.3	6.4	4.3	3.2	2.8	3.2	3.9	4.3
25°	28.8	22.8	14.9	9.3	5.3	3.2	2.5	1.8	2.1	2.8	3.2
27.5°	29.9	22.4	13.5	8.2	4.3	2.5	1.8	1.4	1.1	1.4	1.4
30°	31.0	22.4	12.1	6.8	3.6	1.8	1.1	0.7	0.4	0.0	0.0
32.5°	31.7	21.7	11.0	5.3	2.8	1.4	0.7	0.4	0.0	0.0	0.0
35°	32.4	21.0	9.6	4.3	2.1	1.1	0.4	0.0	0.0	0.0	0.0
37.5°	33.1	19.9	8.2	3.6	1.8	0.7	0.0	0.0	0.0	0.0	0.0
40°	33.8	18.5	6.8	3.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	34.5	17.4	5.7	2.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0
45°	36.3	16.7	4.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	39.5	16.0	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	44.1	15.3	3.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	50.5	14.9	3.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	61.9	14.6	3.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	81.5	14.2	3.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	124.9	13.5	3.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	223.1	13.2	2.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	389.0	13.5	2.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	557.7	14.2	2.5	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0
70°	477.2	12.5	2.5	1.4	0.7	0.4	0.0	0.0	0.0	0.0	0.0
71°	389.0	11.0	2.5	1.4	0.7	0.4	0.4	0.0	0.0	0.0	0.0
72.5°	250.2	8.5	2.1	1.4	0.7	0.7	0.4	0.0	0.0	0.0	0.0
75°	105.7	7.1	2.1	1.4	1.1	0.7	0.7	0.4	0.0	0.0	0.0
77.5°	45.2	5.3	2.1	1.8	1.4	1.1	1.1	0.7	0.4	0.0	0.0
80°	17.1	4.3	2.5	2.1	1.8	1.8	1.4	0.7	0.4	0.0	0.0
82.5°	7.8	3.6	2.5	2.1	2.1	1.8	1.4	1.1	0.7	0.0	0.0
85°	5.0	3.2	2.5	2.1	2.1	1.8	1.8	1.1	0.7	0.0	0.0
87.5°	3.9	3.2	2.5	2.5	2.1	2.1	1.4	1.1	0.4	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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-12
 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-850-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4760
 CIE u' : 0.2107
 CIE v' : 0.4939
 Duv: 0.0050
 CIE x: 0.3537
 CIE y: 0.3685
 CIE z: 0.2779
 Peak Wavelength (nm): 443
 Dominant Wavelength (nm): 571
 Purity: 16.69598
 R_f: 82
 R_g: 99.4

CRI (Ra): 81.1
 R1: 79.8
 R2: 83.5
 R3: 87.9
 R4: 83.1
 R5: 80.5
 R6: 79.1
 R7: 86.1
 R8: 69.0
 R9: 8.7
 R10: 62.4
 R11: 83.8
 R12: 63.0
 R13: 79.9
 R14: 93.3
 R15: 72.7



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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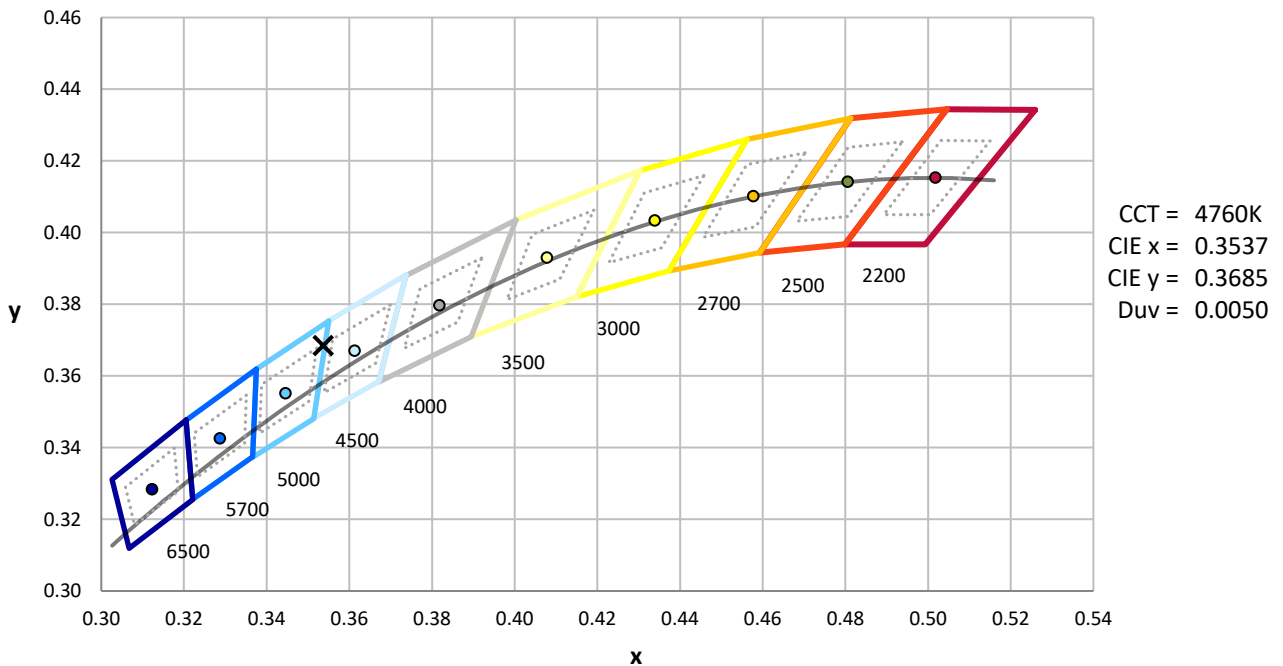
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	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 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

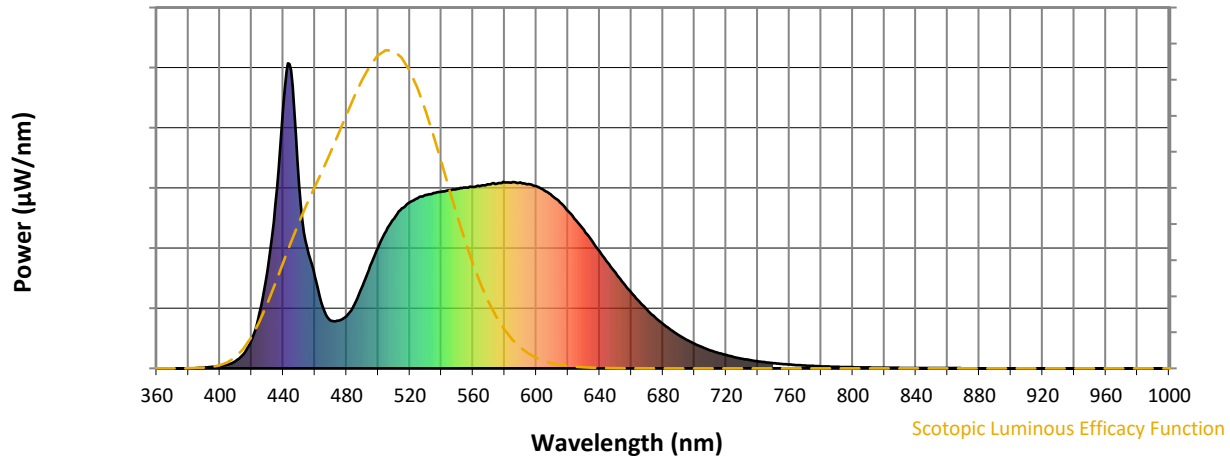


Photopic Lumens: NR

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



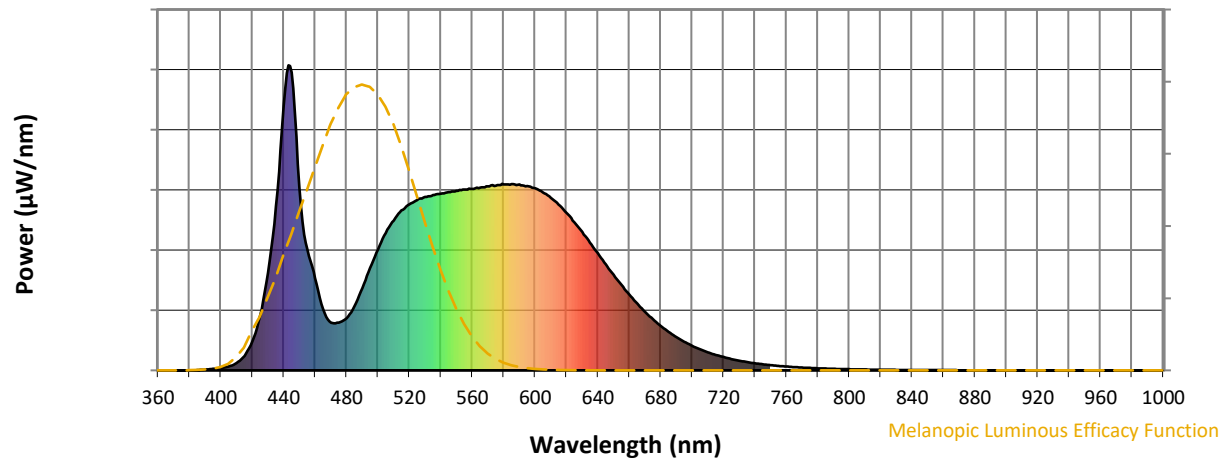
Scotopic Lumens: NR

S/P: 1.83

λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.74

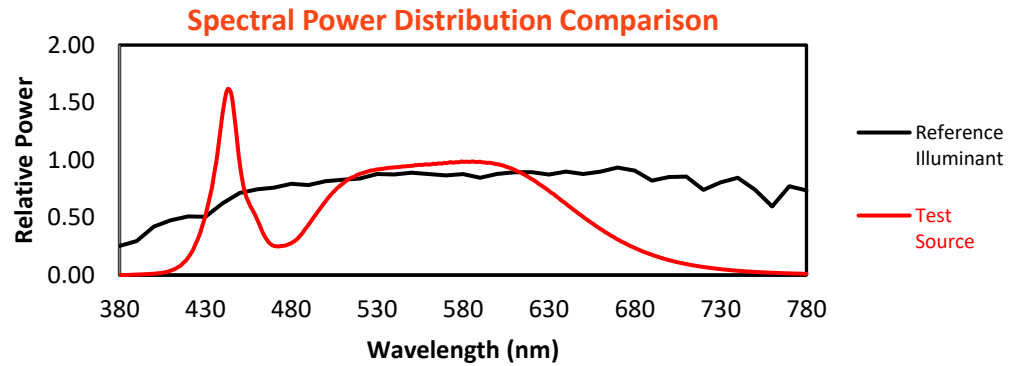
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

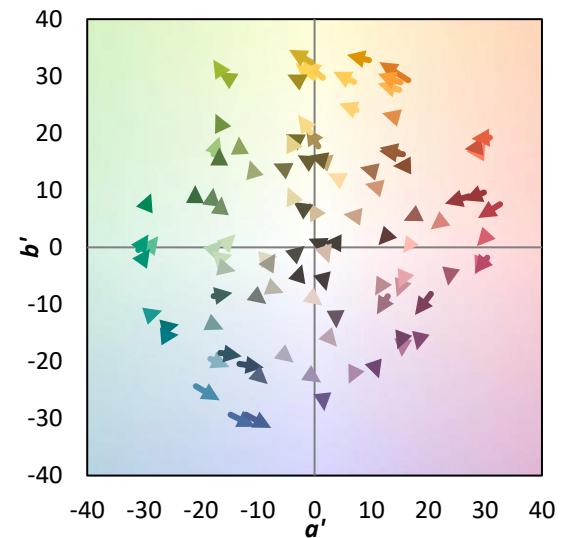
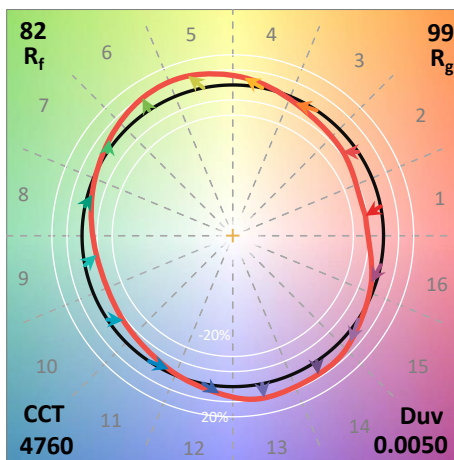
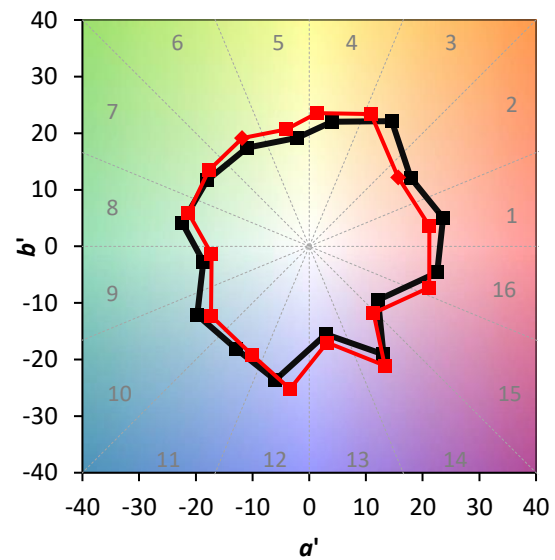
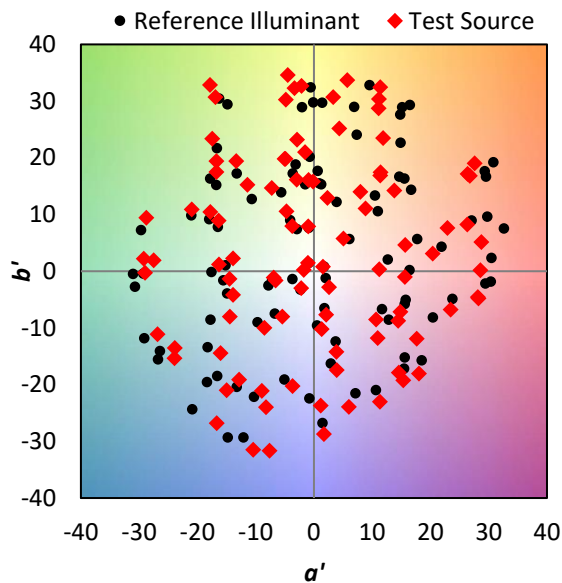
TM-30-18

Summary

$R_f = 82$
 $R_g = 99.4$
 $CIE R_a = 81.1$
 $R_9 = 8.7$



Color Vector Graphics

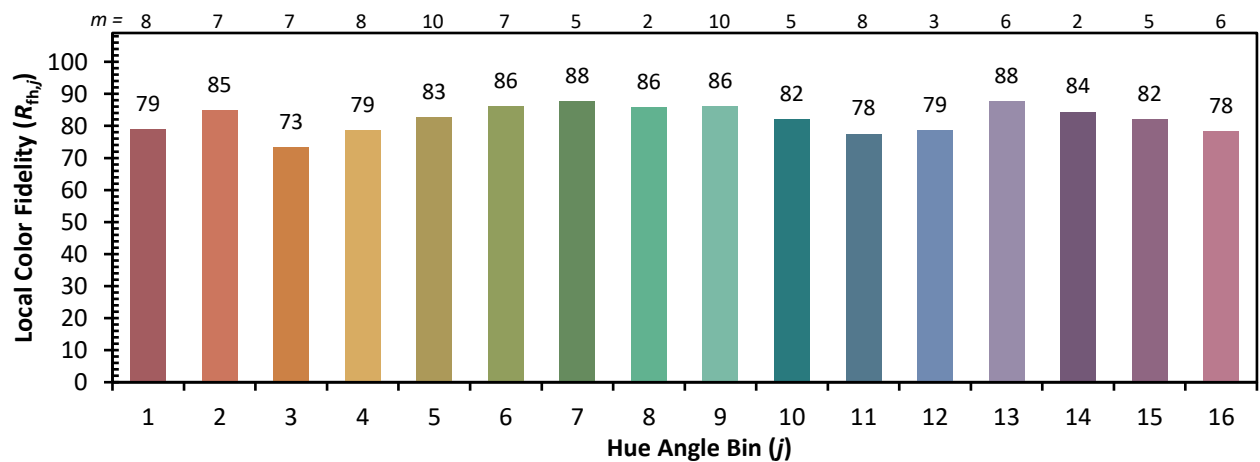
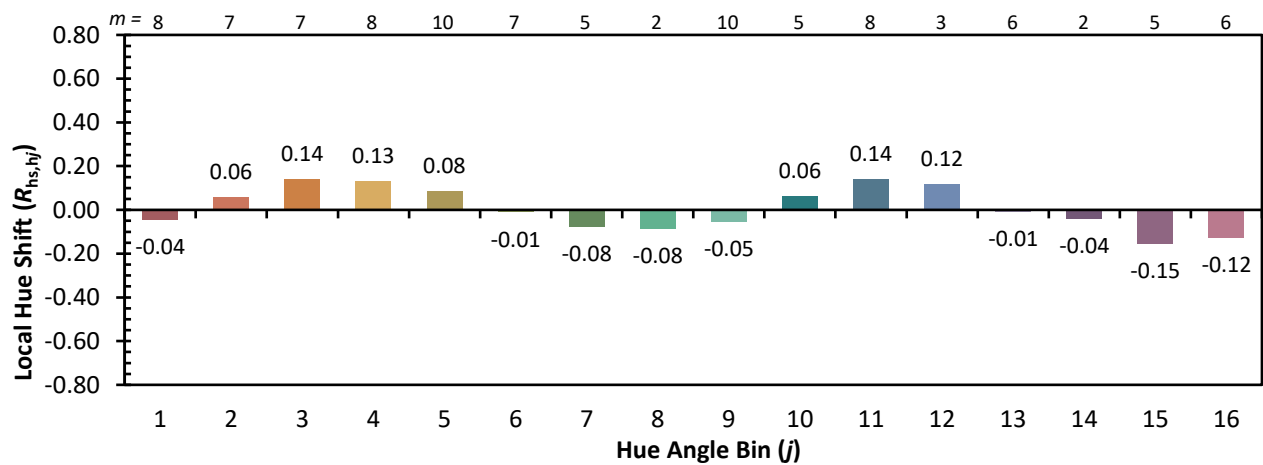


Individual Sample Fidelity Index ($R_{f,i}$)

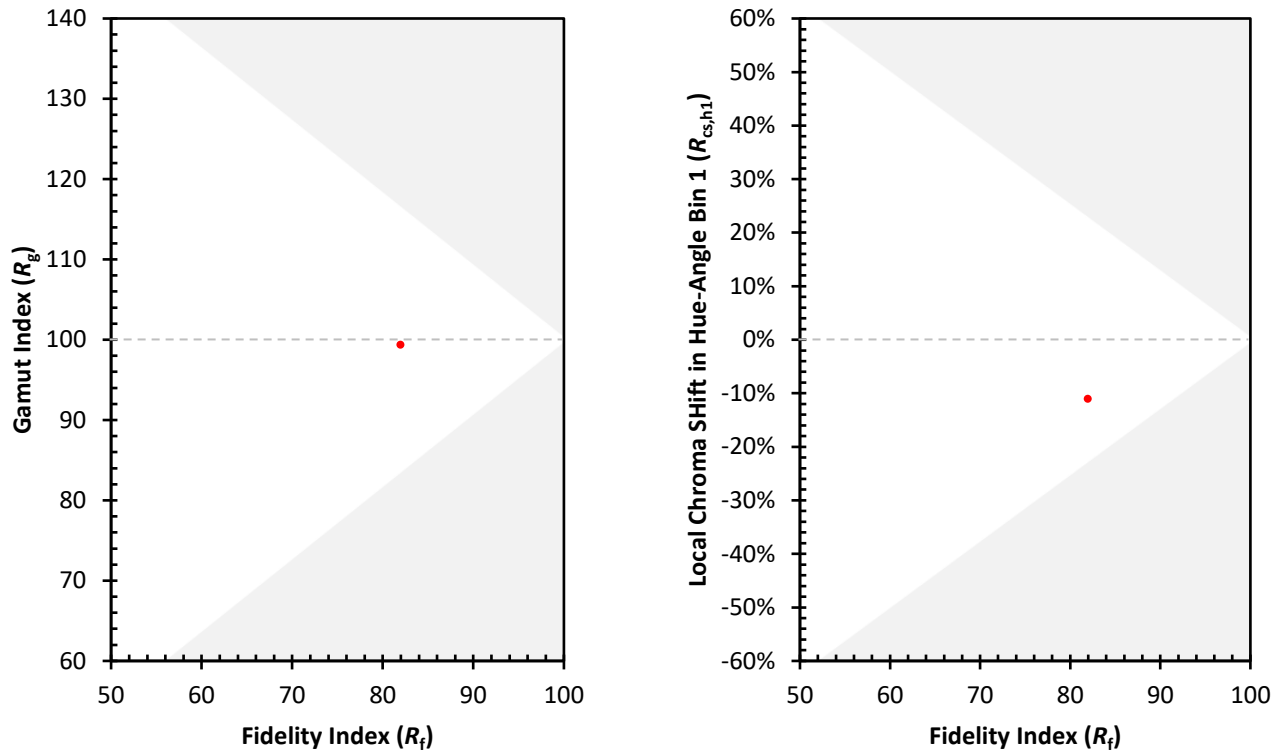
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)