

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: P1048745

Luminaire Tested: **GALN-SA2A-935-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048745
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-935-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
90CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5425.5 lumens
Efficiency: N/A
Efficacy: 97.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 55.8
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

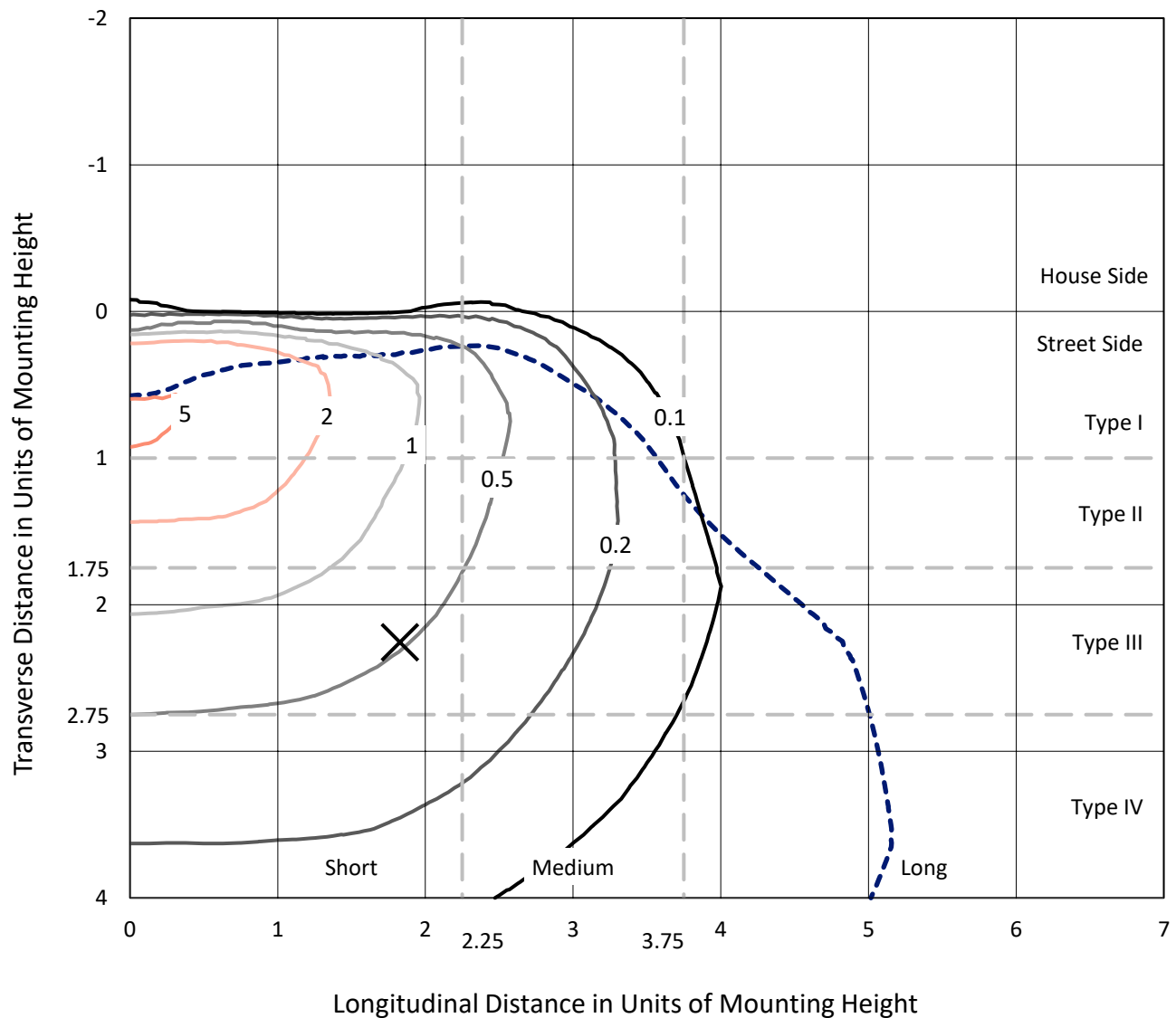


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

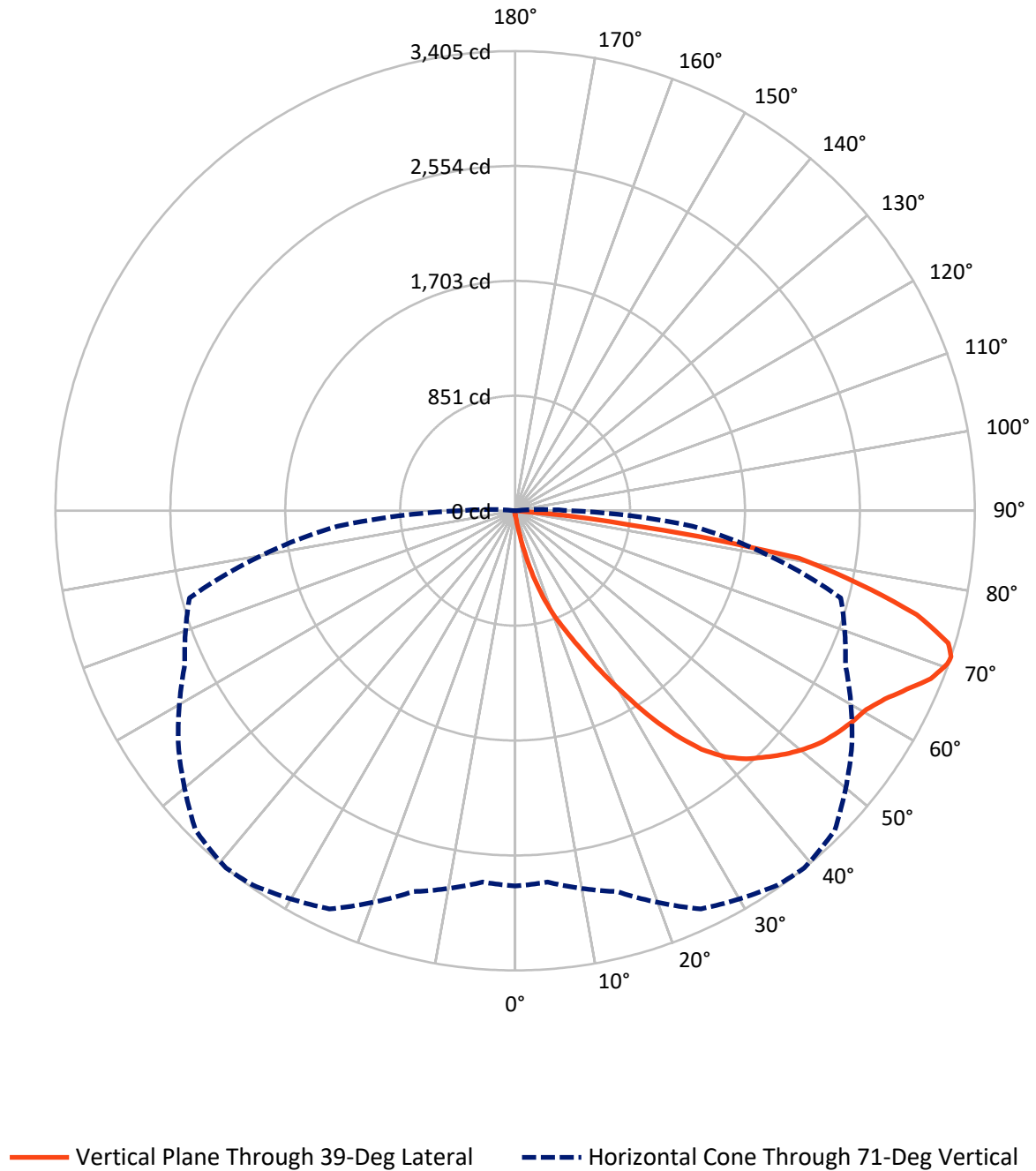


Based on 15 foot mounting height. Maximum calculated value = 5.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	19.3	0.0	19.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5406.3	0.0	5406.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	5425.5	0.0	5425.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.5	0.1
10°-20°	58.0	1.1
20°-30°	206.5	3.8
30°-40°	497.7	9.2
40°-50°	833.0	15.4
50°-60°	1069.8	19.7
60°-70°	1353.9	25.0
70°-80°	1207.0	22.2
80°-90°	195.1	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°	5425.5	100.0
0°-180°	5425.5	100.0



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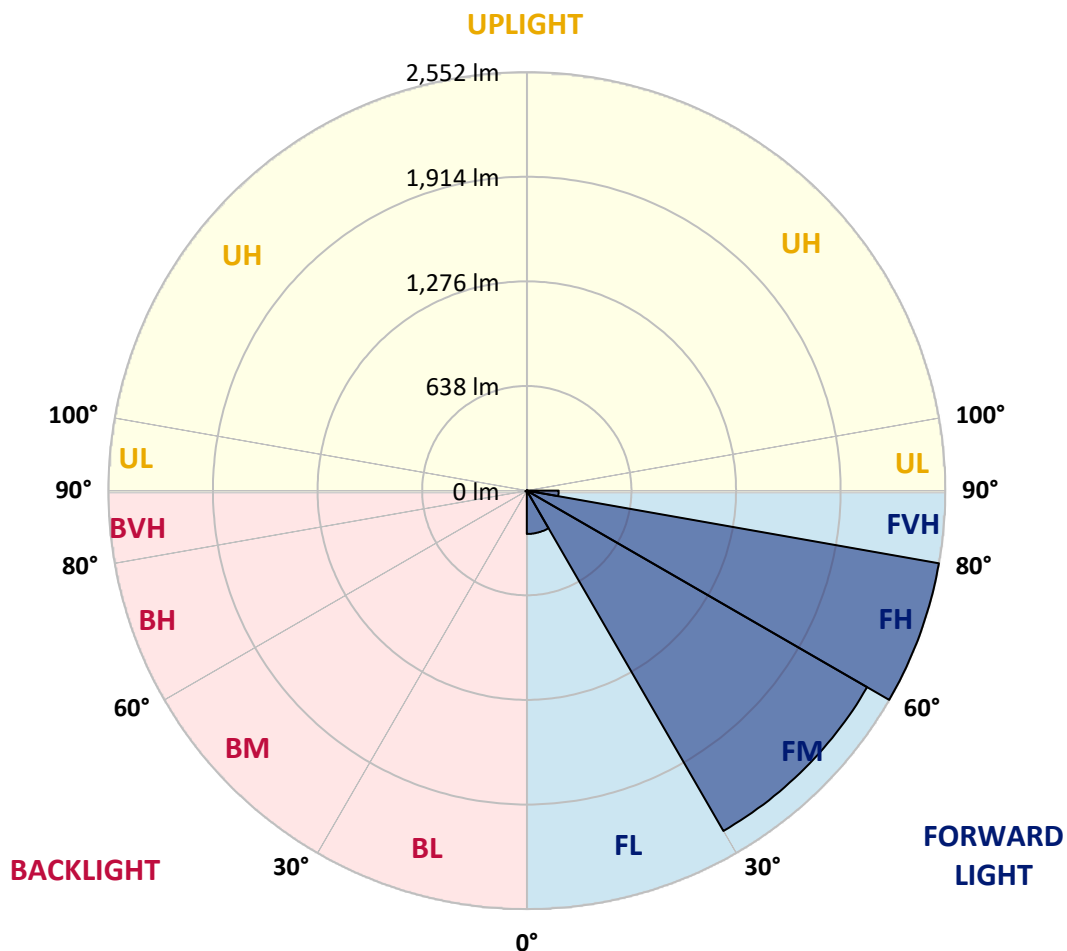
CATALOG NUMBER: GALN-SA2A-935-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	264.4	4.9			
FM	(30°-60°)	2396.0	44.2			
FH	(60°-80°)	2551.6	47.0			G2/5000
FVH	(80°-90°)	194.2	3.6			G2/225
BL	(0°-30°)	4.7	0.1	B0/110		
BM	(30°-60°)	4.5	0.1	B0/220		
BH	(60°-80°)	9.3	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
2.5°	34.2	34.2	34.2	33.1	33.1	32.7	32.3	32.3	31.6	31.2	30.5
5°	51.8	50.7	48.1	46.6	43.7	41.9	40.0	37.5	34.9	33.1	30.9
7.5°	117.2	119.7	111.3	95.5	79.3	72.4	60.6	48.8	40.4	34.9	31.2
10°	298.6	297.1	268.5	236.9	182.9	161.2	126.3	79.7	52.2	38.2	31.6
12.5°	507.9	506.5	472.7	429.7	358.5	313.3	247.2	148.7	74.9	43.3	31.6
15°	683.9	678.0	667.3	624.7	541.4	503.5	416.1	263.0	121.2	52.2	32.3
17.5°	800.3	795.2	785.2	769.8	716.9	672.1	602.0	413.2	196.1	67.6	33.8
20°	907.2	903.5	895.4	892.5	858.3	834.5	776.4	585.8	305.6	91.8	36.0
22.5°	1054.1	1046.4	1049.7	1032.1	998.6	970.0	934.4	766.5	439.3	132.2	40.0
25°	1234.1	1230.4	1221.2	1208.7	1162.4	1137.5	1082.7	936.9	588.7	185.1	44.4
27.5°	1451.5	1447.4	1445.2	1416.6	1363.3	1336.2	1259.8	1097.8	757.0	259.3	50.3
30°	1702.0	1703.8	1689.5	1652.8	1590.7	1552.5	1473.9	1266.4	929.2	346.3	56.6
32.5°	1961.3	1957.6	1935.6	1892.2	1836.8	1801.1	1701.2	1451.1	1109.9	461.3	63.9
35°	2240.8	2233.8	2175.8	2126.2	2078.8	2034.0	1942.9	1665.6	1290.6	590.2	73.8
37.5°	2522.8	2490.2	2373.7	2310.9	2278.2	2241.5	2156.7	1894.4	1470.2	734.2	85.9
40°	2735.9	2710.5	2572.4	2456.7	2430.7	2399.4	2336.3	2092.0	1661.2	888.8	100.6
42.5°	2853.8	2839.8	2715.7	2601.4	2540.1	2512.6	2458.6	2264.6	1850.0	1059.6	121.9
45°	2904.1	2882.4	2799.4	2746.1	2648.5	2602.9	2538.6	2395.0	2047.2	1253.5	151.7
47.5°	2888.7	2876.2	2816.7	2836.1	2765.2	2694.4	2600.0	2494.9	2215.8	1476.1	192.5
50°	2791.7	2781.0	2762.7	2868.1	2859.3	2775.5	2679.3	2573.9	2353.5	1705.6	255.6
52.5°	2607.3	2602.9	2649.9	2843.1	2912.5	2847.2	2755.7	2643.7	2482.1	1945.5	346.0
55°	2369.7	2387.7	2522.1	2804.2	2939.7	2900.0	2823.3	2709.1	2585.3	2160.0	479.3
57.5°	2272.0	2276.8	2444.6	2776.6	2951.8	2946.7	2889.0	2771.5	2680.0	2331.5	682.8
60°	2386.2	2378.9	2467.4	2797.6	2976.1	2988.6	2947.4	2829.5	2762.3	2478.8	953.8
62.5°	2592.6	2588.6	2616.9	2886.8	3047.0	3072.3	3028.6	2871.4	2835.0	2575.7	1263.1
65°	2777.0	2768.6	2821.1	3045.1	3171.5	3189.5	3151.3	2943.0	2867.0	2646.2	1553.6
67.5°	2856.7	2854.9	2939.3	3195.7	3302.2	3321.7	3288.3	3041.8	2859.6	2668.7	1681.8
70°	2820.3	2813.4	2948.5	3259.6	3376.0	3398.1	3365.8	3078.5	2779.9	2597.8	1491.9
71°	2780.3	2761.6	2921.0	3255.2	3386.3	3405.0	3348.5	3045.1	2699.9	2497.1	1319.6
72.5°	2656.2	2659.5	2845.3	3209.3	3361.7	3356.2	3250.8	2925.4	2603.3	2268.7	1060.0
75°	2350.6	2370.1	2600.3	3016.5	3142.1	3071.9	2910.7	2696.6	2409.4	1626.7	736.0
77.5°	1920.9	1949.9	2202.9	2645.5	2609.9	2602.9	2596.3	2375.9	2057.5	873.8	512.0
80°	917.1	979.9	1328.8	1888.6	2051.6	2130.6	2081.0	1914.6	1591.1	416.1	305.9
82.5°	59.9	59.1	83.7	158.7	668.8	864.6	1373.6	1368.5	1109.2	202.7	124.9
85°	28.3	29.0	32.0	36.4	42.2	46.3	63.9	374.6	530.7	96.6	27.2
87.5°	16.5	16.9	19.8	25.3	33.1	36.7	43.7	56.2	69.0	53.3	5.9
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-SA2A-935-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
2.5°	30.1	29.7	28.6	27.5	26.4	25.7	25.3	25.7	25.7	26.1	26.1
5°	30.1	29.0	27.2	25.0	23.5	22.0	21.3	20.9	21.3	21.3	21.3
7.5°	29.7	27.9	25.3	22.8	20.9	19.1	18.4	18.0	18.0	18.4	18.4
10°	29.0	27.2	23.9	20.9	18.7	16.5	15.4	14.3	14.3	14.3	14.7
12.5°	28.6	26.1	22.0	19.1	16.2	13.6	11.4	10.3	10.7	10.7	10.7
15°	27.9	25.0	20.9	17.3	13.6	10.3	8.4	7.3	7.7	8.1	7.7
17.5°	27.9	24.6	19.5	15.1	10.7	7.7	6.2	5.5	5.5	5.9	5.9
20°	27.9	23.9	18.4	12.9	8.1	5.9	4.4	4.0	4.0	4.8	5.1
22.5°	28.6	23.9	16.9	10.7	6.6	4.4	3.3	2.9	3.3	4.0	4.4
25°	29.7	23.5	15.4	9.5	5.5	3.3	2.6	1.8	2.2	2.9	3.3
27.5°	30.9	23.1	14.0	8.4	4.4	2.6	1.8	1.5	1.1	1.5	1.5
30°	32.0	23.1	12.5	7.0	3.7	1.8	1.1	0.7	0.4	0.0	0.0
32.5°	32.7	22.4	11.4	5.5	2.9	1.5	0.7	0.4	0.0	0.0	0.0
35°	33.4	21.7	9.9	4.4	2.2	1.1	0.4	0.0	0.0	0.0	0.0
37.5°	34.2	20.6	8.4	3.7	1.8	0.7	0.0	0.0	0.0	0.0	0.0
40°	34.9	19.1	7.0	3.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	35.6	18.0	5.9	2.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0
45°	37.5	17.3	4.8	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	40.8	16.5	4.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	45.5	15.8	4.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	52.2	15.4	3.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	63.9	15.1	3.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	84.1	14.7	3.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	128.9	14.0	3.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	230.3	13.6	2.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	401.4	14.0	2.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	575.5	14.7	2.6	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0
70°	492.5	12.9	2.6	1.5	0.7	0.4	0.0	0.0	0.0	0.0	0.0
71°	401.4	11.4	2.6	1.5	0.7	0.4	0.4	0.0	0.0	0.0	0.0
72.5°	258.2	8.8	2.2	1.5	0.7	0.7	0.4	0.0	0.0	0.0	0.0
75°	109.1	7.3	2.2	1.5	1.1	0.7	0.7	0.4	0.0	0.0	0.0
77.5°	46.6	5.5	2.2	1.8	1.5	1.1	1.1	0.7	0.4	0.0	0.0
80°	17.6	4.4	2.6	2.2	1.8	1.8	1.5	0.7	0.4	0.0	0.0
82.5°	8.1	3.7	2.6	2.2	2.2	1.8	1.5	1.1	0.7	0.0	0.0
85°	5.1	3.3	2.6	2.2	2.2	1.8	1.8	1.1	0.7	0.0	0.0
87.5°	4.0	3.3	2.6	2.6	2.2	2.2	1.5	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: SP1-2407-184-15

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-935-U-5WQ

Data in this report applies to families of products including GSS-SB1A-935-U-5WQ

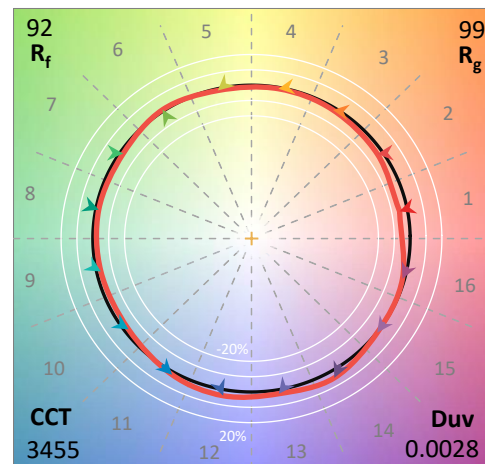
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-15
 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-935-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3455
 CIE u' : 0.2356
 CIE v' : 0.5159
 Duv: 0.0028
 CIE x: 0.4109
 CIE y: 0.3999
 CIE z: 0.1892
 Peak Wavelength (nm): 616
 Dominant Wavelength (nm): 579
 Purity: 43.35383
 R_f: 92.3
 R_g: 98.5

CRI (Ra): 92.2
 R1: 92.0
 R2: 94.4
 R3: 95.6
 R4: 93.2
 R5: 91.4
 R6: 92.5
 R7: 94.5
 R8: 84.2
 R9: 59.8
 R10: 85.8
 R11: 93.2
 R12: 78.0
 R13: 92.5
 R14: 97.0
 R15: 88.4



Test Conditions

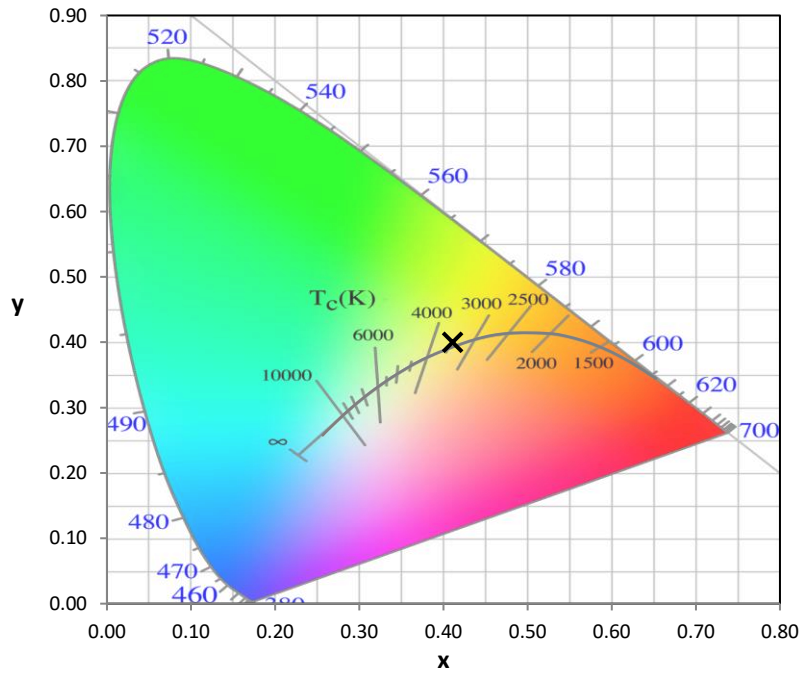
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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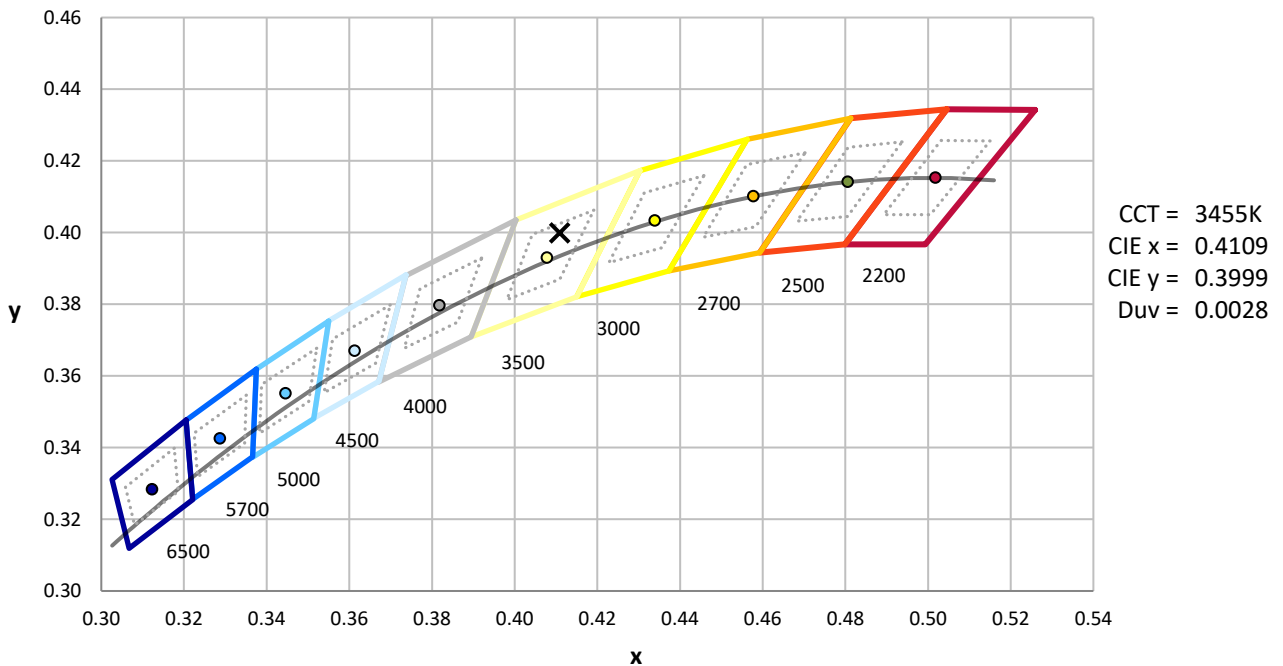
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



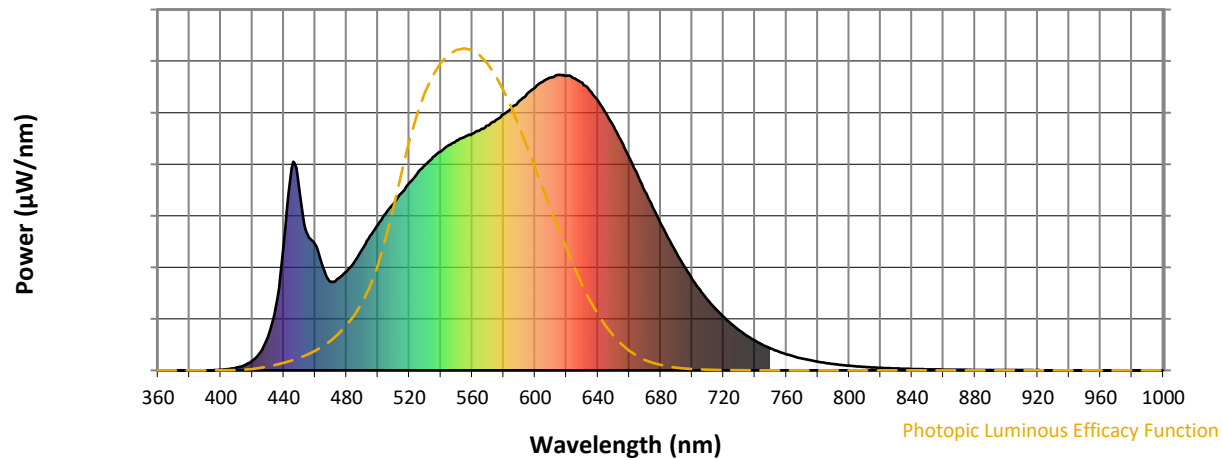
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

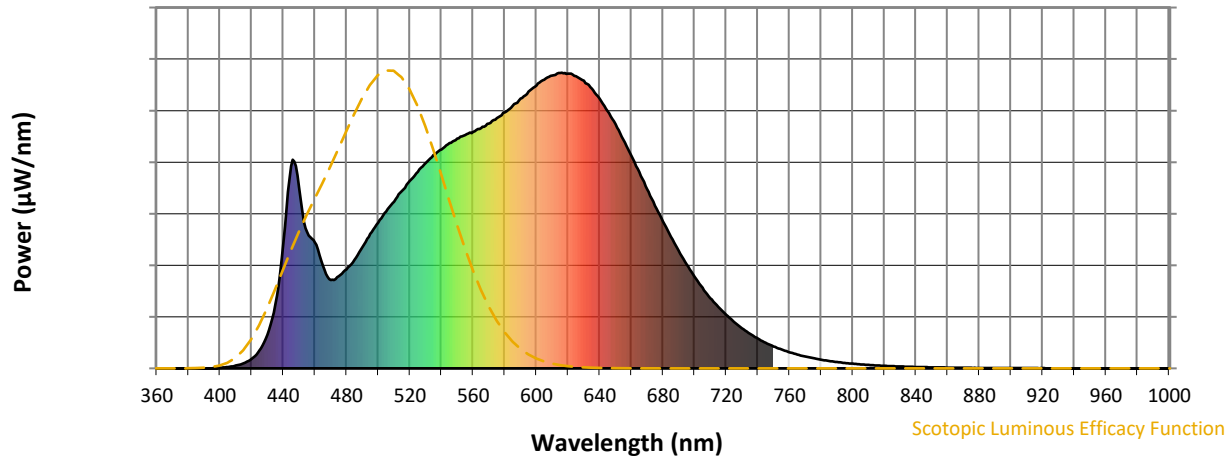


Photopic Lumens: NR

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



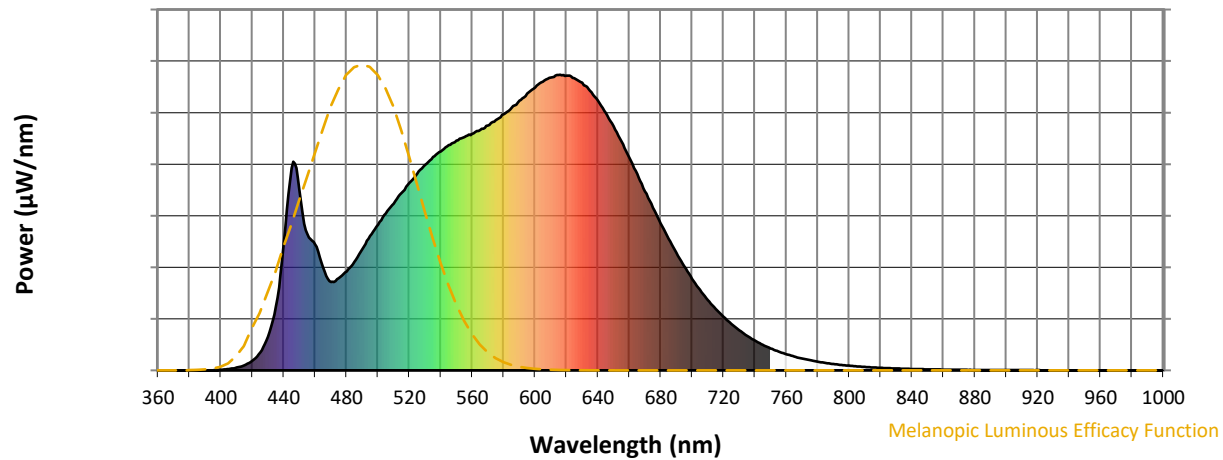
Scotopic Lumens: NR

S/P: 1.58

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.14

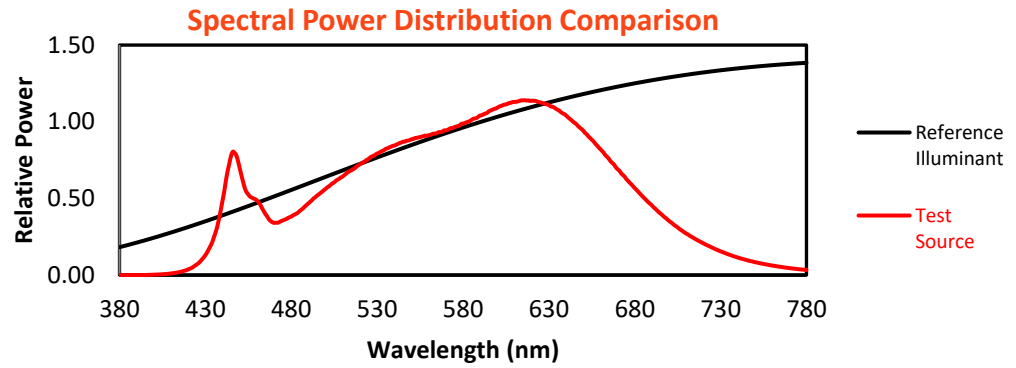
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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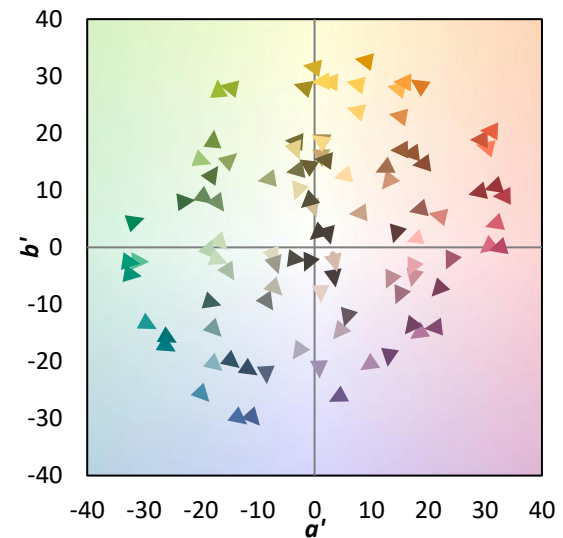
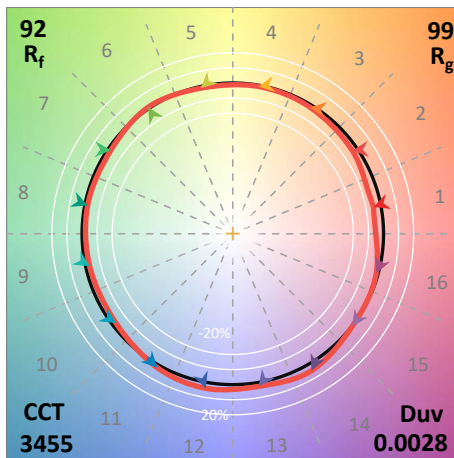
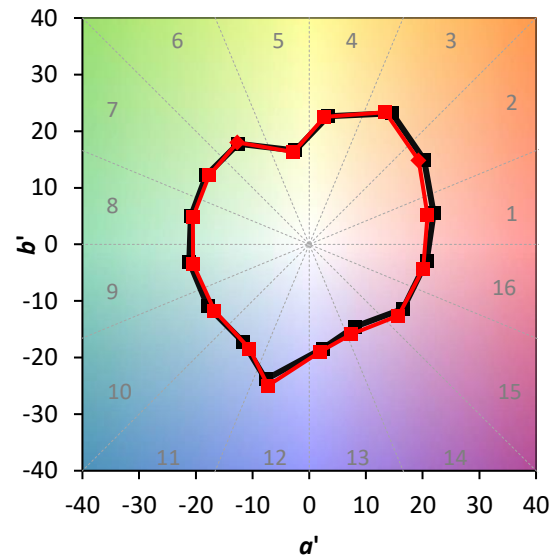
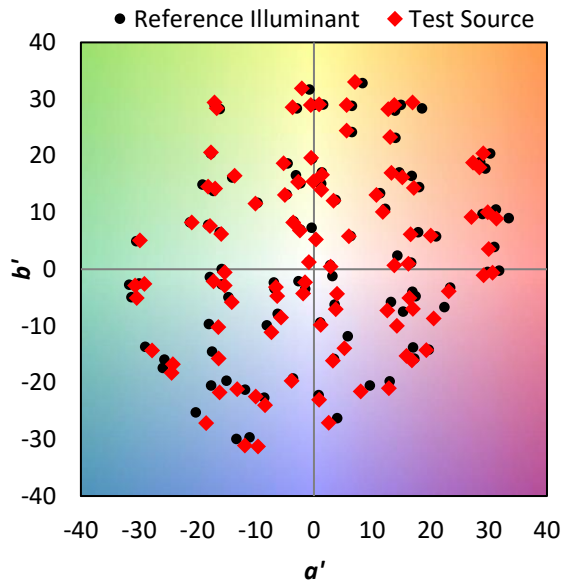
TM-30-18

Summary

$R_f = 92.3$
 $R_g = 98.5$
 $\text{CIE } R_a = 92.2$
 $R_9 = 59.8$

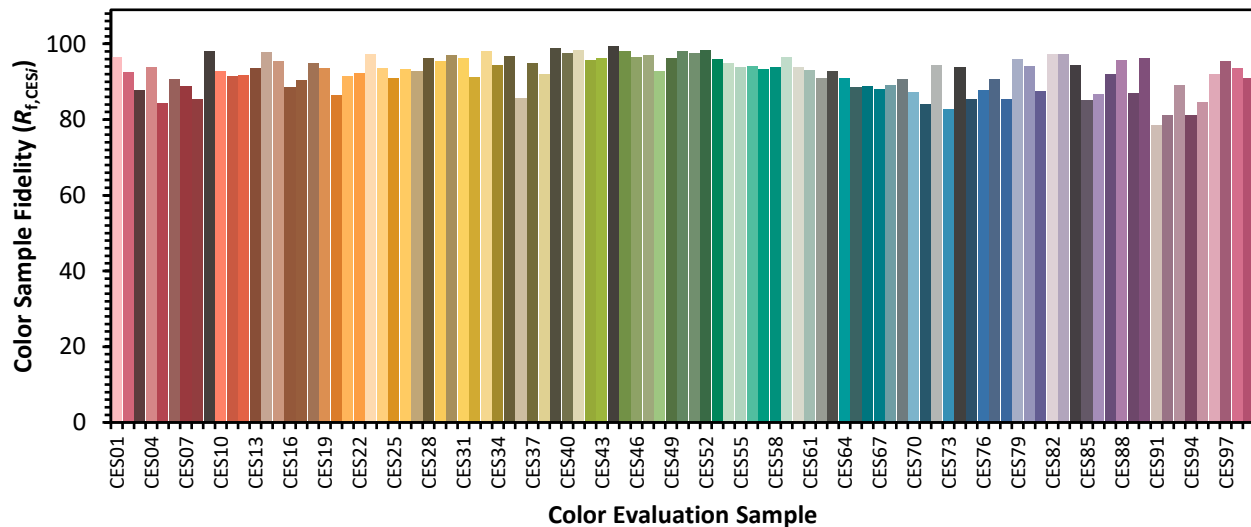


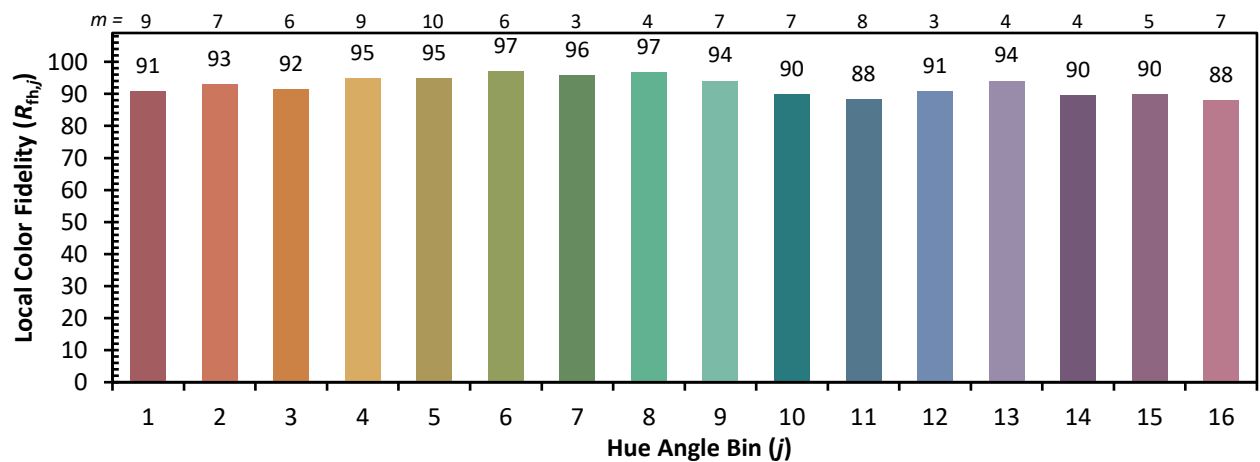
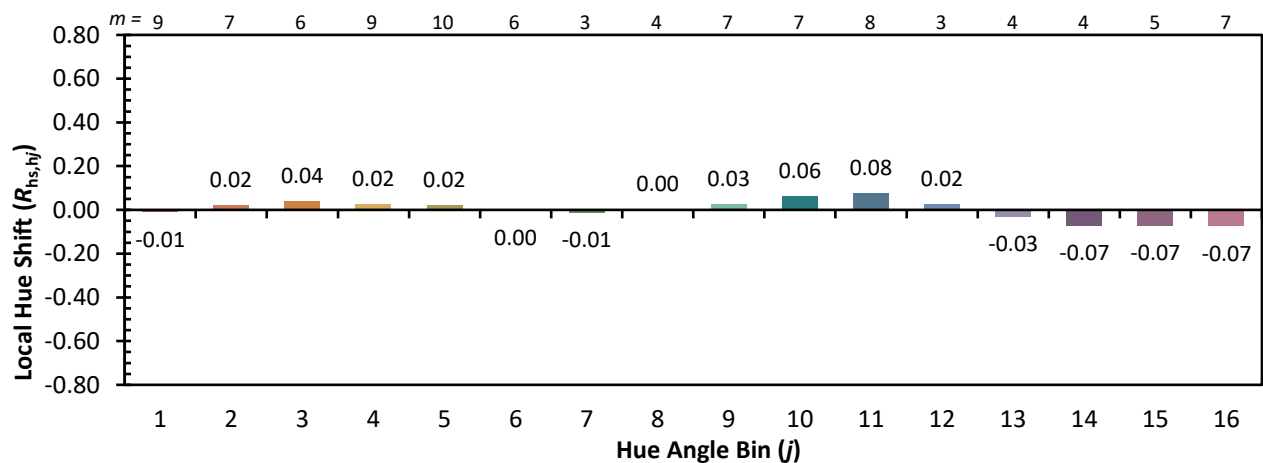
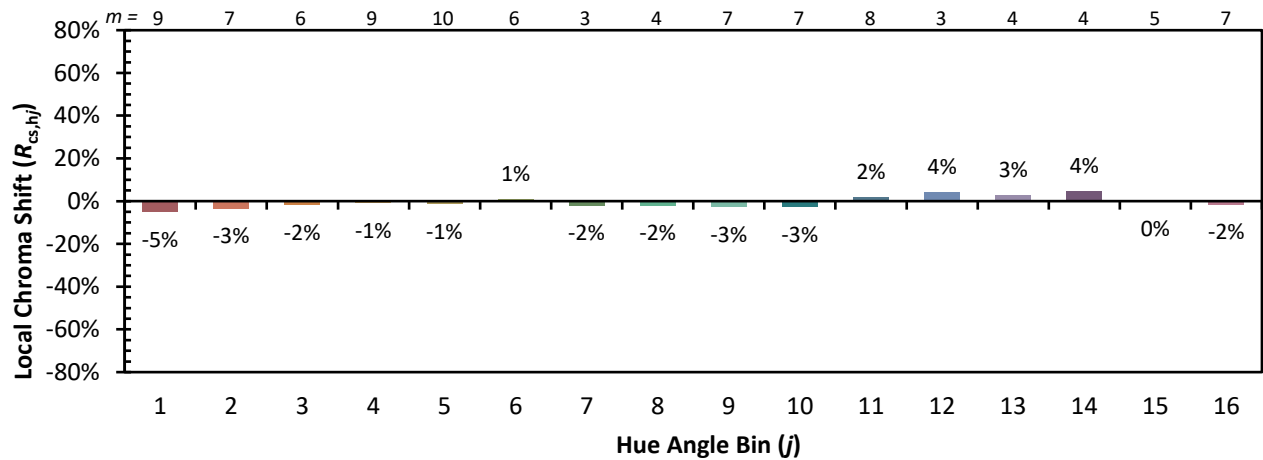
Color Vector Graphics



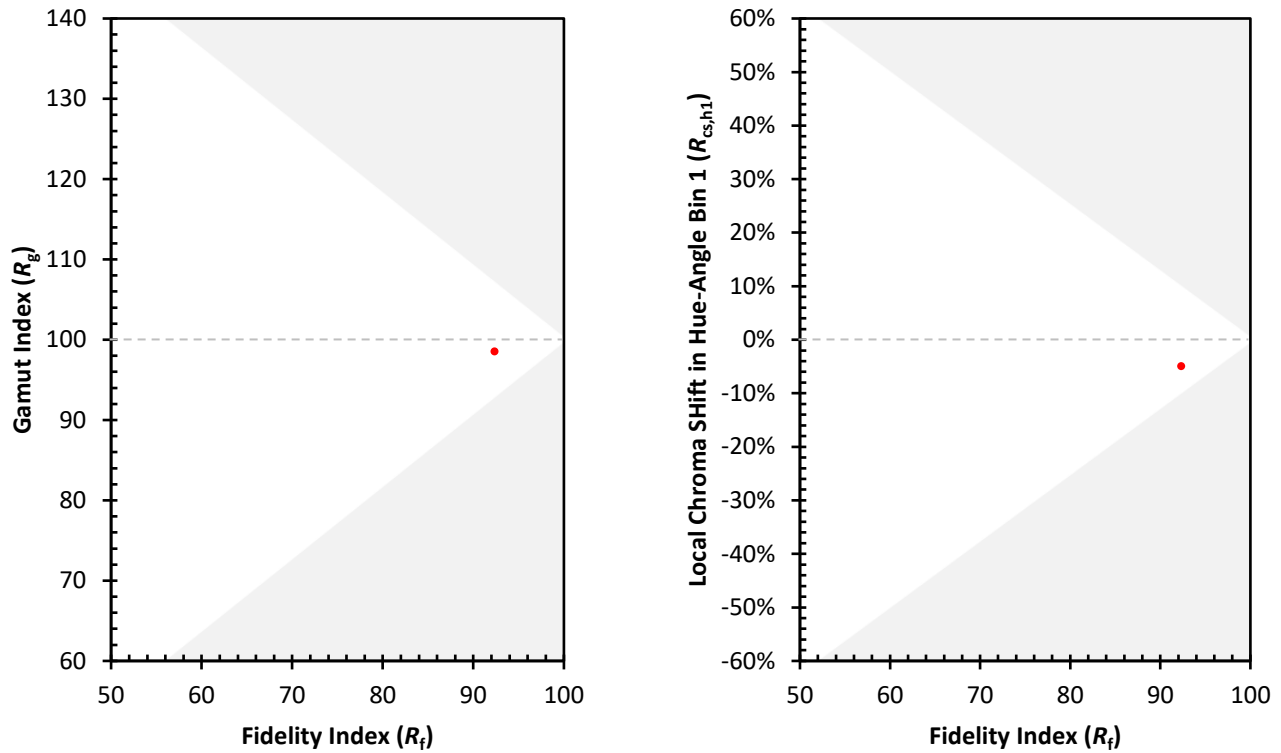
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 93	CES51 = 97	CES76 = 88
CES02 = 62	CES27 = 93	CES52 = 98	CES77 = 91
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 85
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 96
CES05 = 50	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 87
CES07 = 42	CES32 = 91	CES57 = 93	CES82 = 97
CES08 = 41	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 75	CES35 = 97	CES60 = 94	CES85 = 85
CES11 = 58	CES36 = 86	CES61 = 93	CES86 = 87
CES12 = 64	CES37 = 95	CES62 = 91	CES87 = 92
CES13 = 43	CES38 = 92	CES63 = 93	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 47	CES41 = 98	CES66 = 89	CES91 = 78
CES17 = 49	CES42 = 96	CES67 = 88	CES92 = 81
CES18 = 56	CES43 = 96	CES68 = 89	CES93 = 89
CES19 = 71	CES44 = 99	CES69 = 91	CES94 = 81
CES20 = 66	CES45 = 98	CES70 = 87	CES95 = 85
CES21 = 86	CES46 = 97	CES71 = 84	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 95	CES97 = 95
CES23 = 91	CES48 = 93	CES73 = 83	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 94	CES99 = 91
CES25 = 71	CES50 = 98	CES75 = 85	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)