

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: P1048155

Luminaire Tested: **GALN-SA7C-935-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048155
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7C-935-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE
90CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (98) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28208.9 lumens
Efficiency: N/A
Efficacy: 85.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 330
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

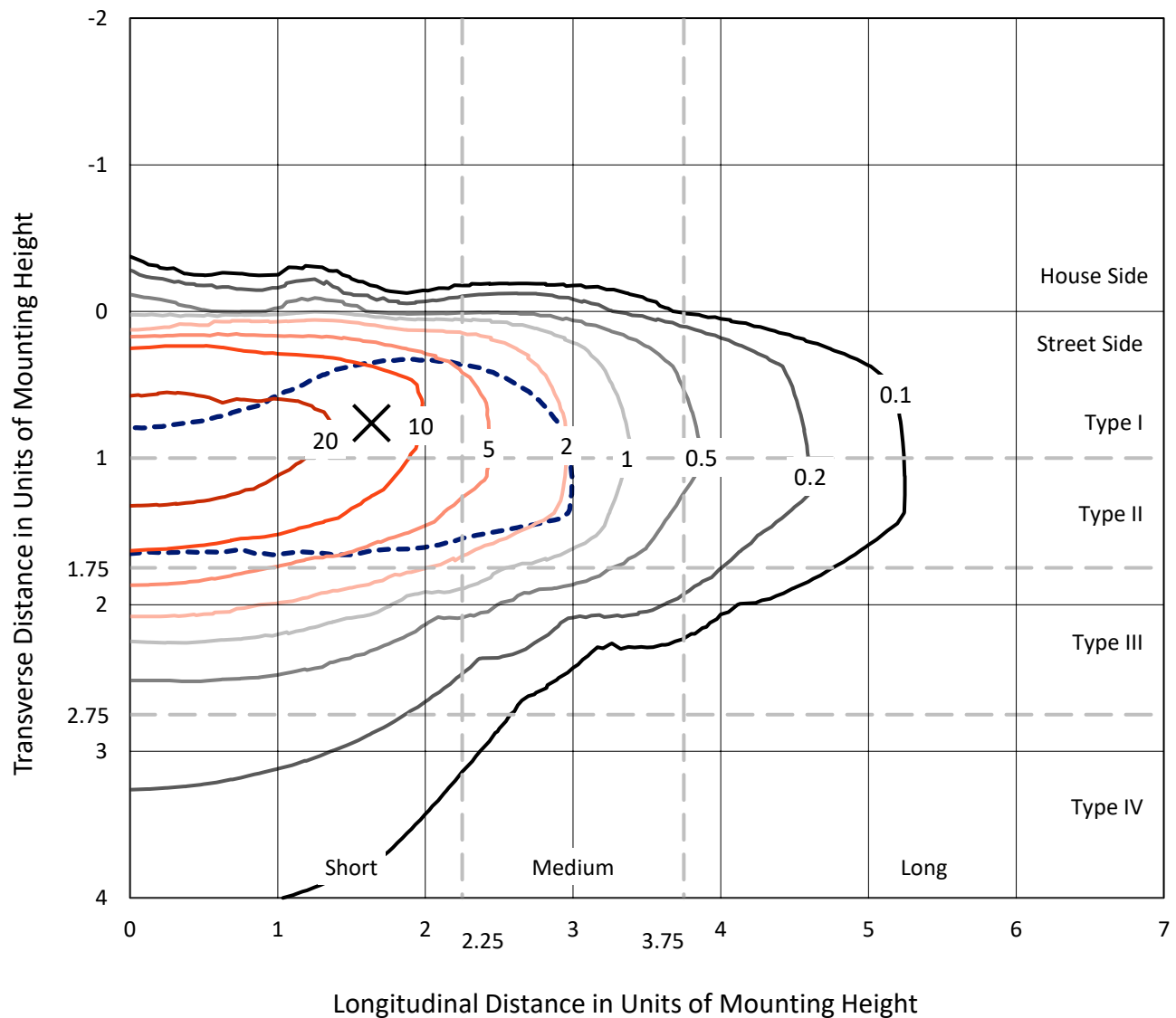


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

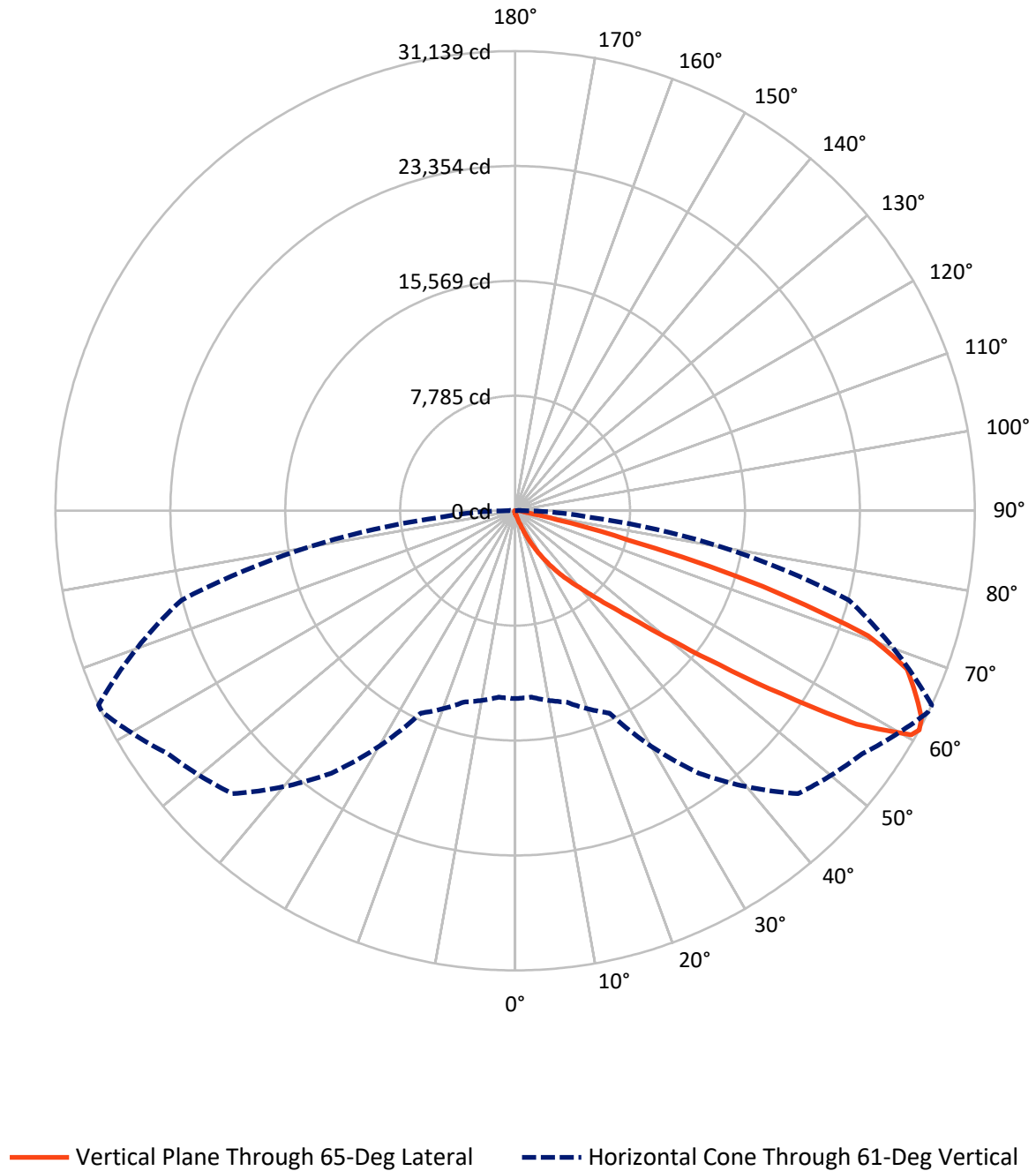


Based on 15 foot mounting height. Maximum calculated value = 37.3 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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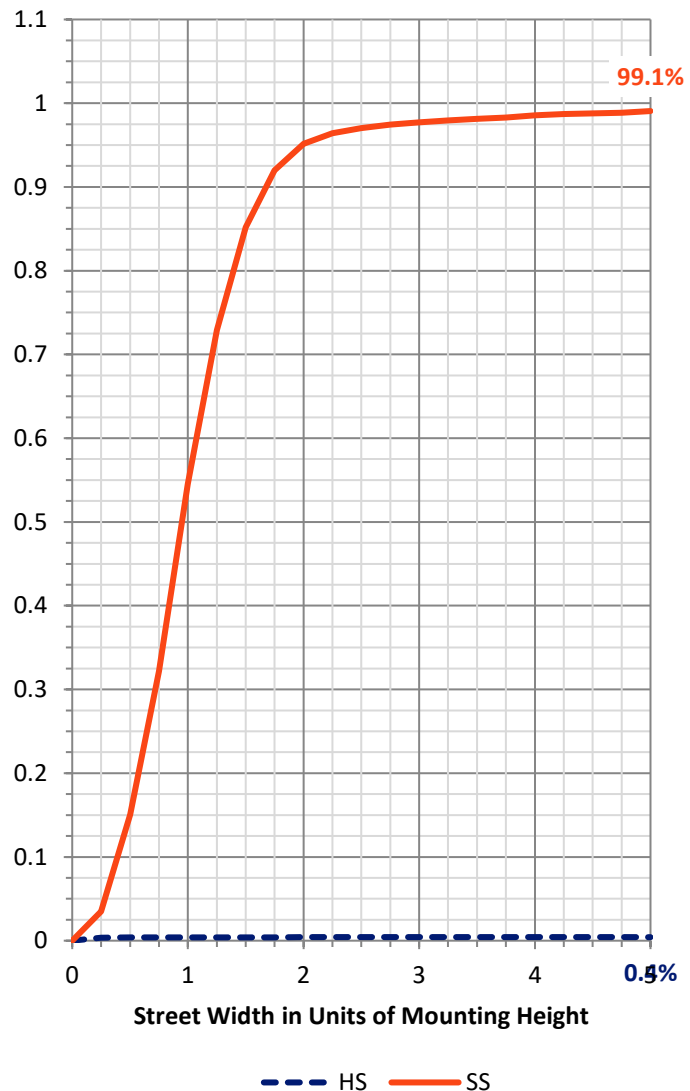
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	120.4	0.0	120.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	28088.5	0.0	28088.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	28208.9	0.0	28208.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.0	0.1
10°-20°	232.0	0.8
20°-30°	832.5	3.0
30°-40°	2216.4	7.9
40°-50°	5822.5	20.6
50°-60°	9020.1	32.0
60°-70°	7563.2	26.8
70°-80°	2225.7	7.9
80°-90°	274.6	1.0
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°	28208.9	100.0
0°-180°	28208.9	100.0



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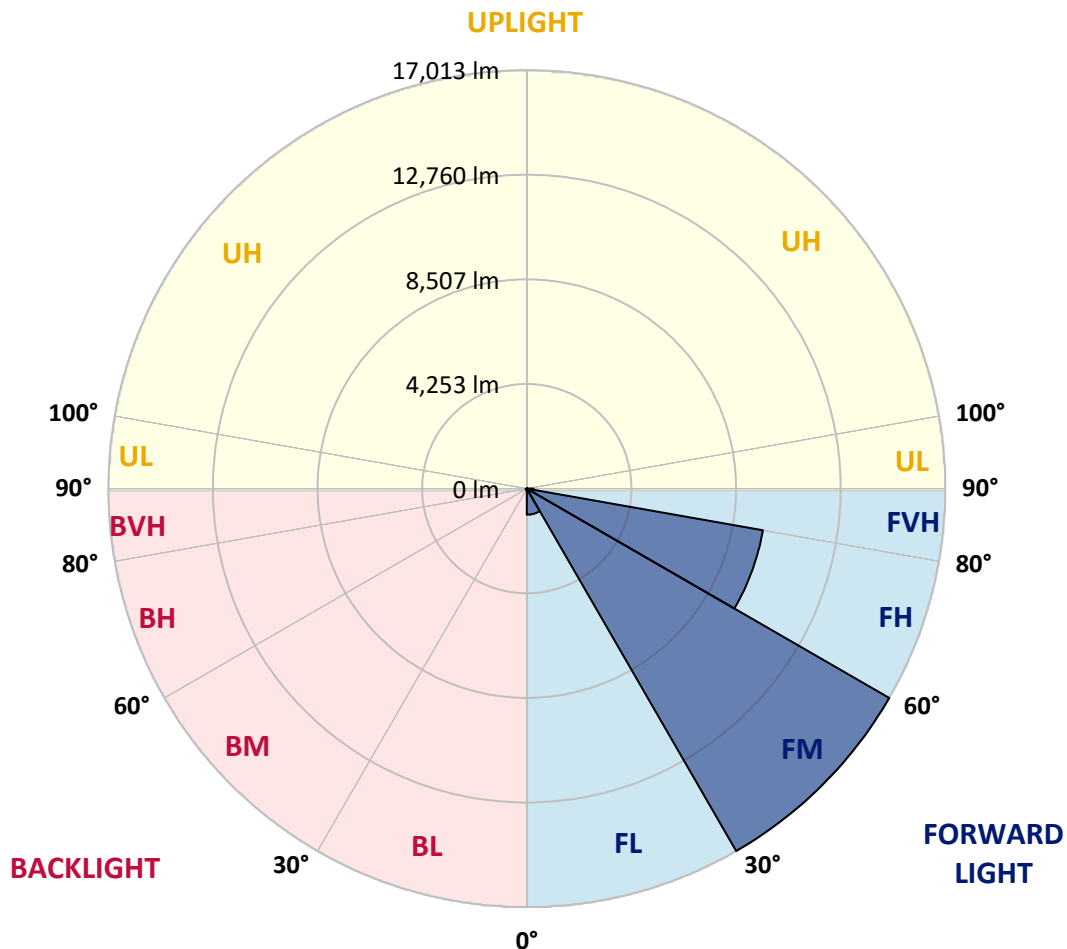
CATALOG NUMBER: GALN-SA7C-935-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1059.4	3.8			
FM	(30°-60°)	17013.1	60.3			
FH	(60°-80°)	9746.5	34.6			G4/12000
FVH	(80°-90°)	269.5	1.0			G3/500
BL	(0°-30°)	27.0	0.1	B0/110		
BM	(30°-60°)	45.8	0.2	B0/220		
BH	(60°-80°)	42.5	0.2	B0/110		G0/110
BVH	(80°-90°)	5.1	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-G4

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	172.7	172.7	172.7	172.7	172.7	172.7	172.7	172.7	172.7	172.7	172.7
2.5°	209.6	211.5	207.6	199.9	194.0	194.0	192.1	186.3	186.3	180.5	176.6
5°	293.0	289.1	281.4	265.8	252.3	238.7	225.1	211.5	209.6	192.1	180.5
7.5°	479.3	483.2	458.0	409.4	368.7	316.3	267.8	238.7	234.8	205.7	182.4
10°	1051.7	1022.6	964.4	776.2	638.4	481.2	357.0	277.5	273.6	221.2	186.3
12.5°	1917.2	1893.9	1787.2	1593.1	1238.0	861.6	522.0	343.5	331.8	234.8	188.2
15°	2763.2	2726.4	2668.1	2472.2	2056.9	1544.6	853.8	469.6	438.5	254.2	186.3
17.5°	3302.7	3308.5	3256.1	3172.7	2904.9	2285.9	1474.8	700.5	640.4	289.1	182.4
20°	3774.2	3760.6	3789.7	3745.1	3556.9	3106.7	2146.2	1109.9	1007.1	345.4	184.3
22.5°	4317.5	4350.5	4371.9	4362.2	4154.5	3770.3	2908.8	1661.0	1531.0	448.2	190.2
25°	5045.2	5041.3	5043.3	5018.0	4816.2	4389.3	3673.3	2346.0	2214.1	615.1	203.7
27.5°	5807.8	5831.1	5840.8	5749.6	5485.7	5066.6	4381.6	3095.0	2939.8	882.9	221.2
30°	6849.8	6830.4	6785.8	6599.5	6279.4	5759.3	5080.1	3880.9	3717.9	1257.4	248.4
32.5°	8254.7	8233.4	8008.3	7596.9	7117.6	6481.2	5782.6	4668.8	4470.8	1725.1	285.2
35°	10569.7	10602.7	10049.7	8984.4	8124.7	7348.5	6560.7	5452.7	5278.1	2301.4	335.7
37.5°	14115.0	13934.5	13183.5	11301.3	9450.1	8431.3	7303.9	6244.4	6093.1	3011.6	401.7
40°	17559.3	17380.8	17163.4	15380.1	11753.4	9624.7	8344.0	7173.9	6977.9	3813.0	498.7
42.5°	21180.2	21081.2	21071.5	19726.8	15956.5	11501.1	9595.6	8262.5	8095.6	4692.0	657.8
45°	23745.5	23646.5	23854.2	24089.0	21680.8	15521.8	11774.8	9677.1	9434.6	5759.3	912.0
47.5°	24090.9	24094.8	24649.8	25385.2	25934.3	21741.0	14677.7	11551.6	11256.6	7286.5	1338.9
50°	22942.1	22986.8	23869.7	25185.3	26664.0	26958.9	19796.6	14272.1	13835.5	9096.9	1944.3
52.5°	20755.2	20805.7	22035.9	24199.6	25992.6	28212.5	25823.7	17831.0	17328.4	11355.6	2798.2
55°	18785.7	18816.7	20227.4	22961.5	25183.4	27531.3	29402.0	22583.2	21923.4	14134.4	3640.3
57.5°	16835.5	16763.7	17681.5	20811.5	25045.6	26695.0	29929.8	27999.0	27271.3	17171.2	4296.2
60°	14227.5	14107.2	14844.6	16835.5	23233.2	27244.2	28942.1	30995.1	30830.1	21399.5	4802.7
61°	12727.5	12677.1	13418.3	15125.9	21708.0	27104.4	28705.3	31121.2	31138.7	23400.1	5029.7
62.5°	9089.1	9232.7	10366.0	12585.9	18182.2	26198.2	28736.4	30731.2	30903.9	26058.5	5617.7
65°	4040.1	4271.0	5151.9	6958.5	10573.6	21793.4	28460.8	29875.4	29790.1	26788.1	7643.5
67.5°	2396.5	2431.4	2870.0	3943.0	5600.2	11722.4	25115.5	28744.1	28629.7	23320.5	9510.2
70°	1888.1	1905.5	2045.3	2474.1	3250.3	4490.2	14334.2	24869.0	25367.7	18909.9	9310.4
72.5°	1791.1	1787.2	1806.6	1882.3	2047.2	2227.7	5549.7	16530.8	17545.7	13618.2	7806.5
75°	1767.8	1760.0	1740.6	1711.5	1482.5	1311.8	1719.3	7311.7	7899.6	9304.5	5877.7
77.5°	1715.4	1717.3	1721.2	1641.6	1271.0	927.5	832.5	2346.0	2885.5	5904.8	4177.8
80°	1160.4	1177.9	1207.0	1175.9	1142.9	671.4	588.0	834.4	846.0	3314.3	2759.3
82.5°	588.0	588.0	574.4	512.3	442.4	436.6	467.7	605.4	613.2	1676.6	1298.2
85°	355.1	374.5	382.3	347.3	318.2	293.0	357.0	481.2	498.7	650.1	302.7
87.5°	79.6	81.5	89.3	118.4	172.7	234.8	331.8	440.5	448.2	417.2	36.9
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: P1048155

CATALOG NUMBER: GALN-SA7C-935-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	172.7	172.7	172.7	172.7	172.7	172.7	172.7	172.7	172.7	172.7	172.7
2.5°	174.6	170.8	168.8	163.0	157.2	151.4	147.5	145.5	147.5	149.4	149.4
5°	172.7	166.9	157.2	147.5	139.7	132.0	124.2	122.2	122.2	124.2	124.2
7.5°	172.7	163.0	149.4	137.8	126.1	114.5	108.7	104.8	106.7	106.7	106.7
10°	172.7	161.1	143.6	126.1	112.5	99.0	89.3	85.4	85.4	85.4	85.4
12.5°	170.8	159.1	137.8	116.4	97.0	81.5	69.9	64.0	66.0	66.0	66.0
15°	166.9	153.3	130.0	99.0	77.6	62.1	50.5	44.6	46.6	50.5	52.4
17.5°	161.1	147.5	116.4	83.4	62.1	46.6	34.9	31.0	33.0	38.8	38.8
20°	159.1	141.7	102.8	67.9	46.6	33.0	23.3	19.4	21.3	29.1	31.0
22.5°	159.1	137.8	93.1	56.3	34.9	21.3	13.6	7.8	7.8	13.6	13.6
25°	161.1	135.8	85.4	46.6	25.2	15.5	7.8	3.9	7.8	21.3	25.2
27.5°	164.9	133.9	81.5	38.8	19.4	13.6	5.8	13.6	23.3	23.3	23.3
30°	168.8	130.0	75.7	33.0	17.5	9.7	9.7	19.4	19.4	23.3	25.2
32.5°	174.6	128.1	71.8	29.1	13.6	7.8	13.6	11.6	11.6	13.6	15.5
35°	186.3	130.0	67.9	29.1	13.6	9.7	11.6	5.8	3.9	3.9	3.9
37.5°	201.8	132.0	62.1	25.2	11.6	11.6	5.8	0.0	0.0	0.0	0.0
40°	227.0	137.8	58.2	23.3	9.7	9.7	1.9	0.0	0.0	0.0	0.0
42.5°	269.7	149.4	56.3	21.3	9.7	7.8	0.0	0.0	0.0	0.0	0.0
45°	355.1	176.6	52.4	19.4	9.7	3.9	0.0	0.0	0.0	0.0	0.0
47.5°	510.3	240.6	50.5	15.5	5.8	0.0	0.0	0.0	0.0	0.0	0.0
50°	745.1	326.0	48.5	13.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	950.8	343.5	33.0	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	974.1	236.7	25.2	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	776.2	153.3	21.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	588.0	116.4	19.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	564.7	104.8	19.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	622.9	91.2	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1012.9	75.7	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1760.0	66.0	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2223.8	62.1	11.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1938.5	56.3	11.6	3.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0
75°	1166.2	48.5	11.6	7.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	611.2	36.9	11.6	9.7	5.8	1.9	0.0	0.0	0.0	0.0	0.0
80°	296.9	33.0	13.6	9.7	7.8	3.9	0.0	0.0	0.0	0.0	0.0
82.5°	116.4	27.2	15.5	13.6	9.7	5.8	1.9	0.0	0.0	0.0	0.0
85°	52.4	23.3	17.5	15.5	13.6	7.8	1.9	0.0	0.0	0.0	0.0
87.5°	27.2	21.3	19.4	17.5	13.6	9.7	3.9	0.0	0.0	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

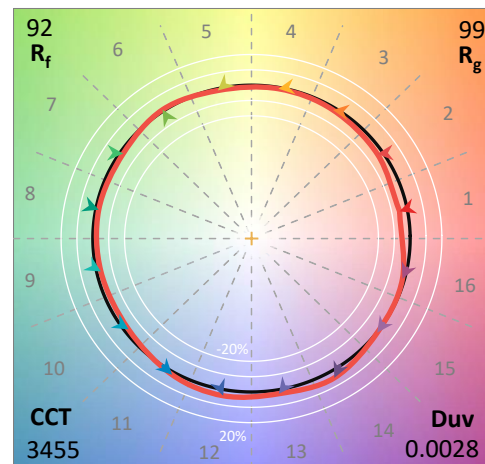
Test Information

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

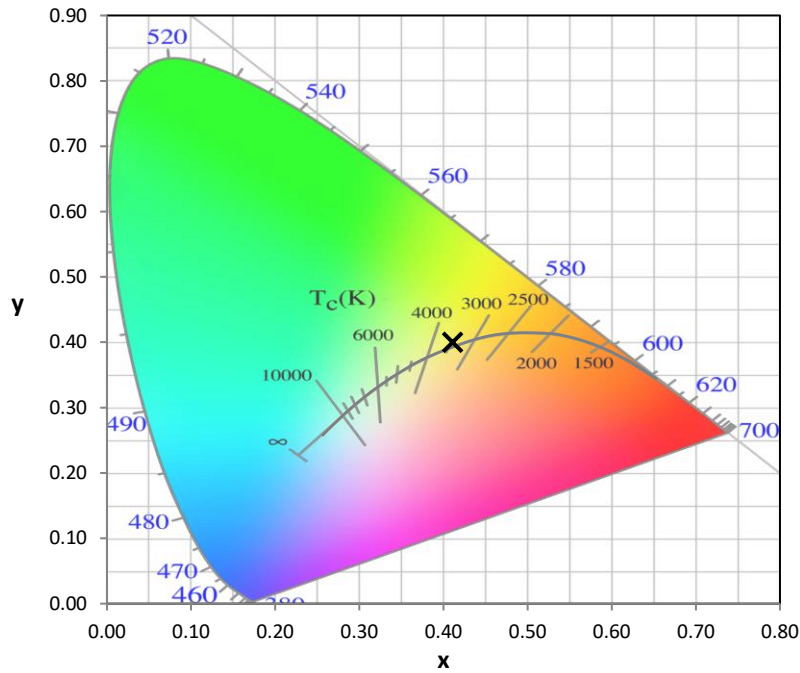
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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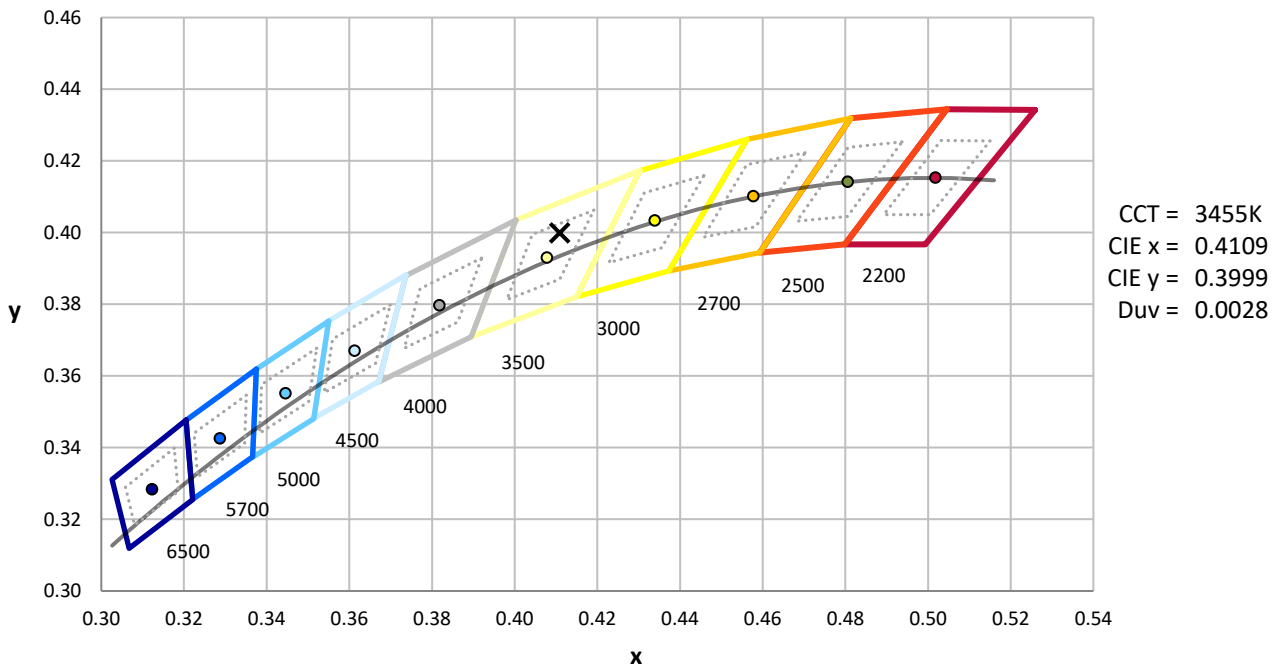
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



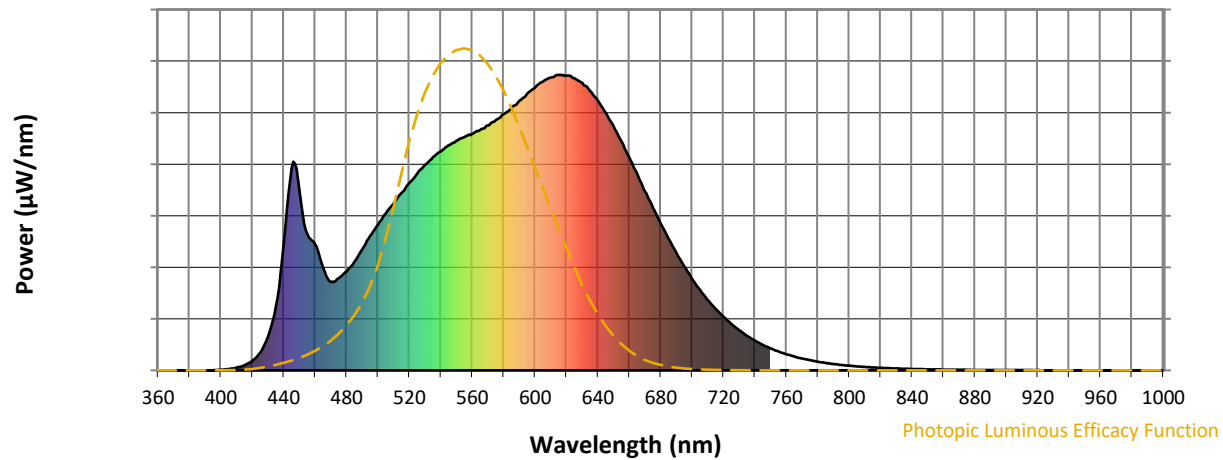
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

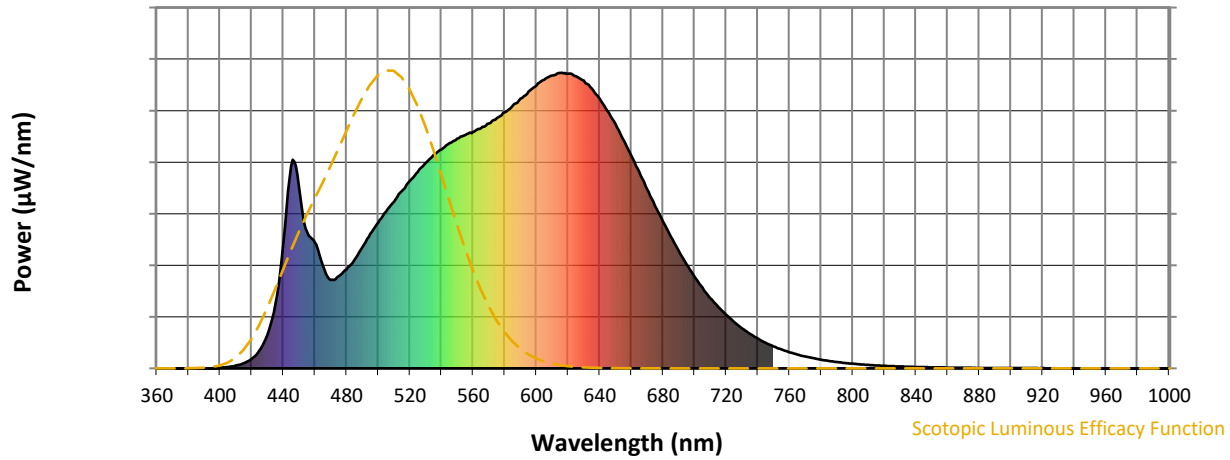


Photopic Lumens: NR

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



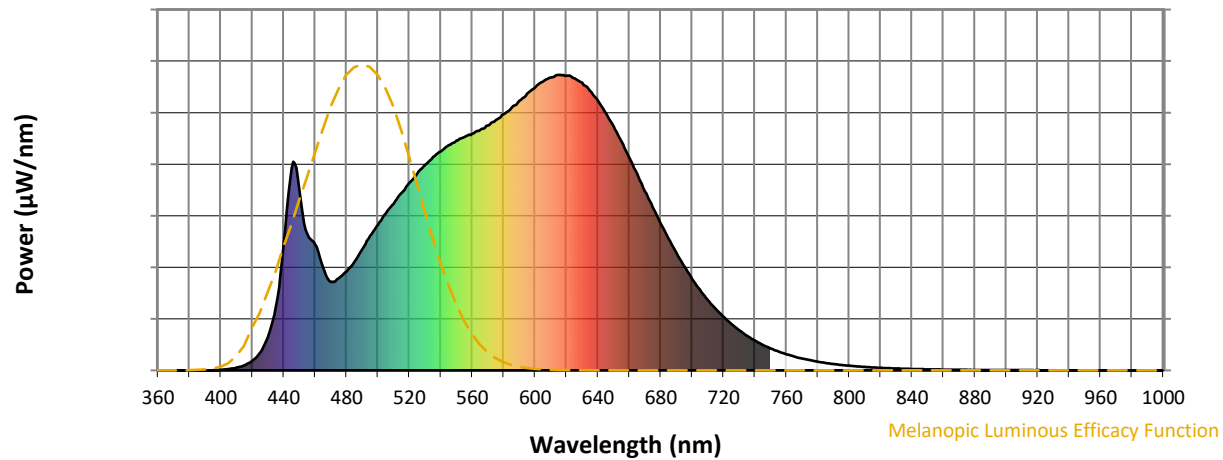
Scotopic Lumens: NR

S/P: 1.58

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.14

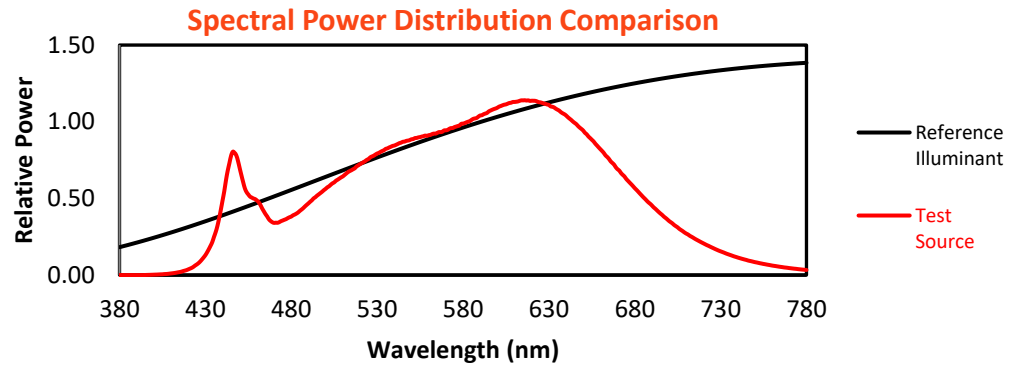
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	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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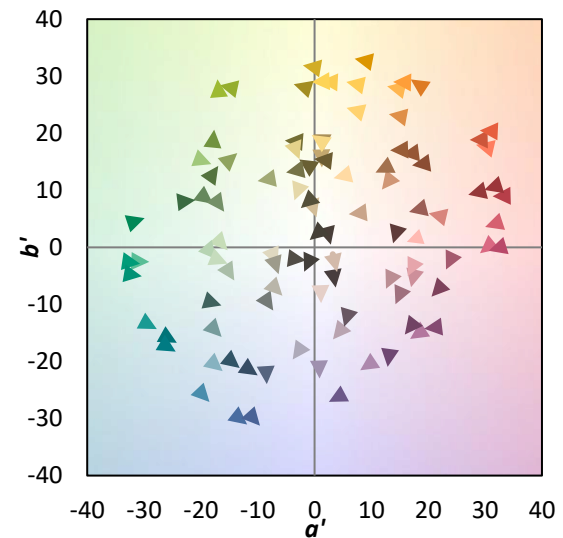
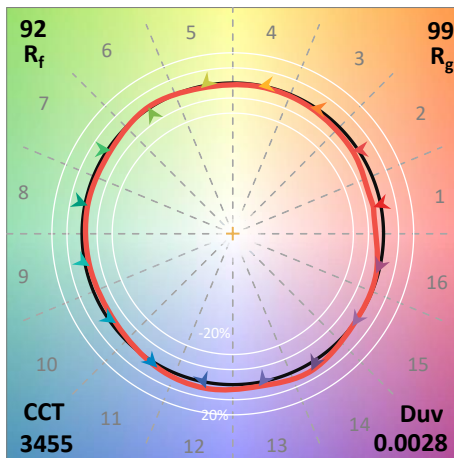
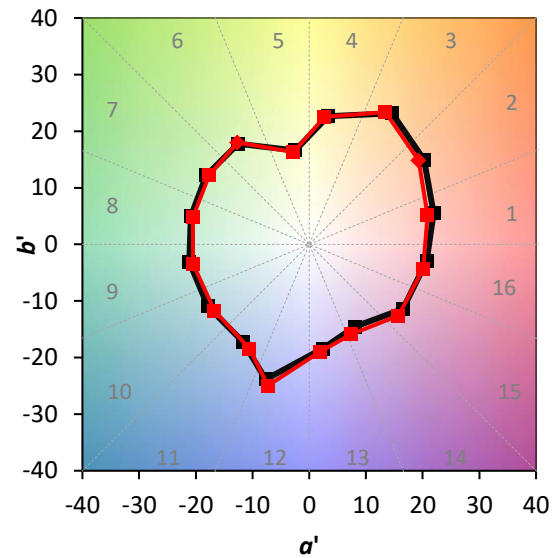
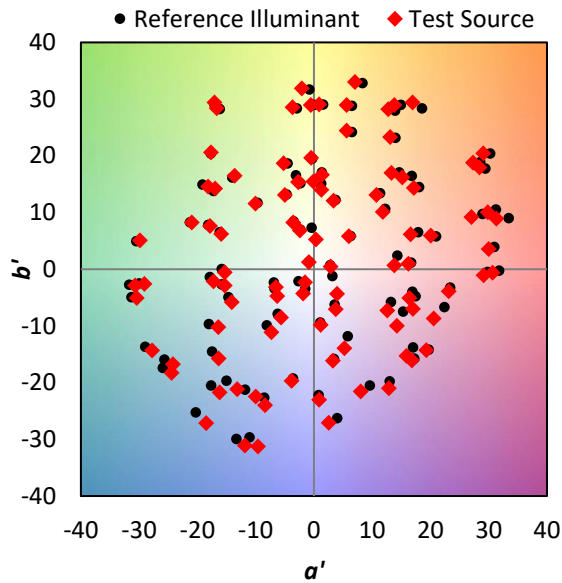
TM-30-18

Summary

$R_f = 92.3$
 $R_g = 98.5$
 $CIE R_a = 92.2$
 $R_9 = 59.8$

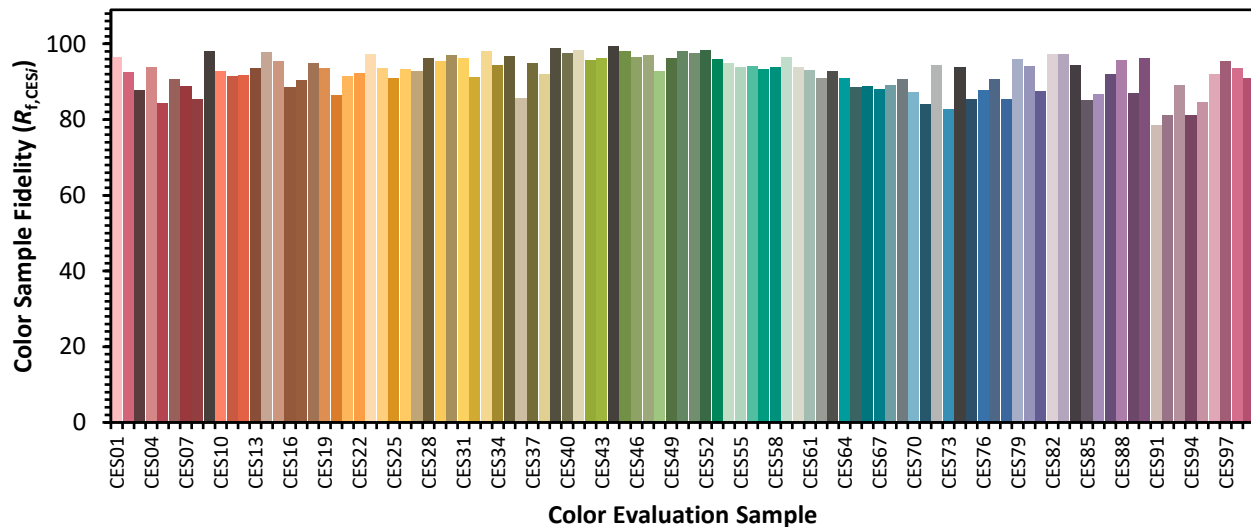


Color Vector Graphics

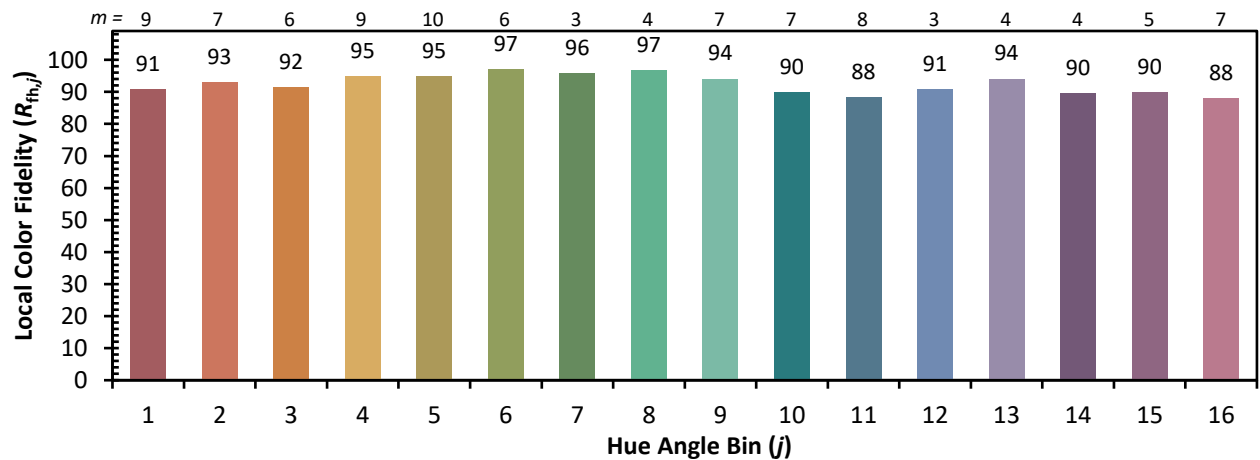
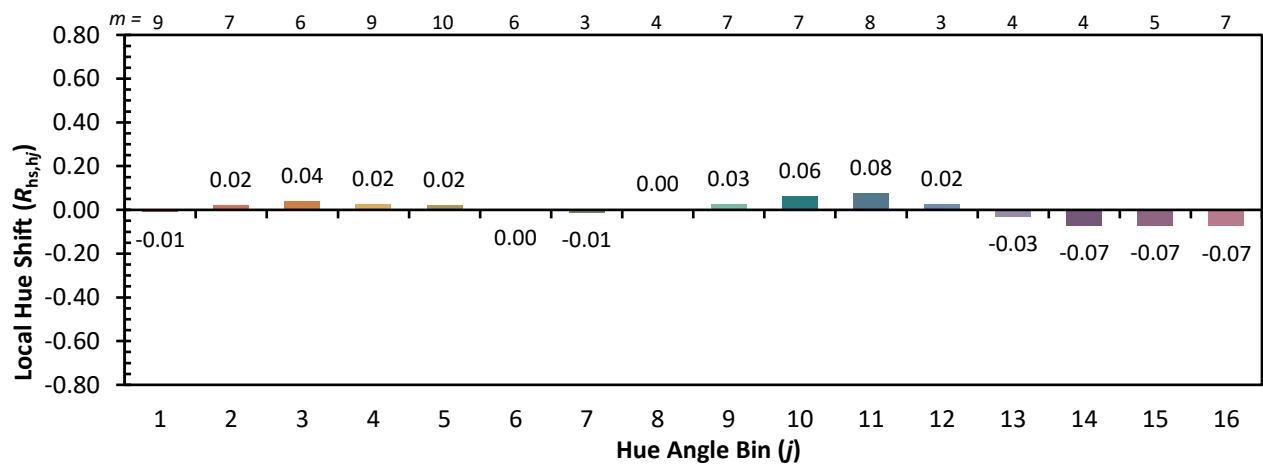
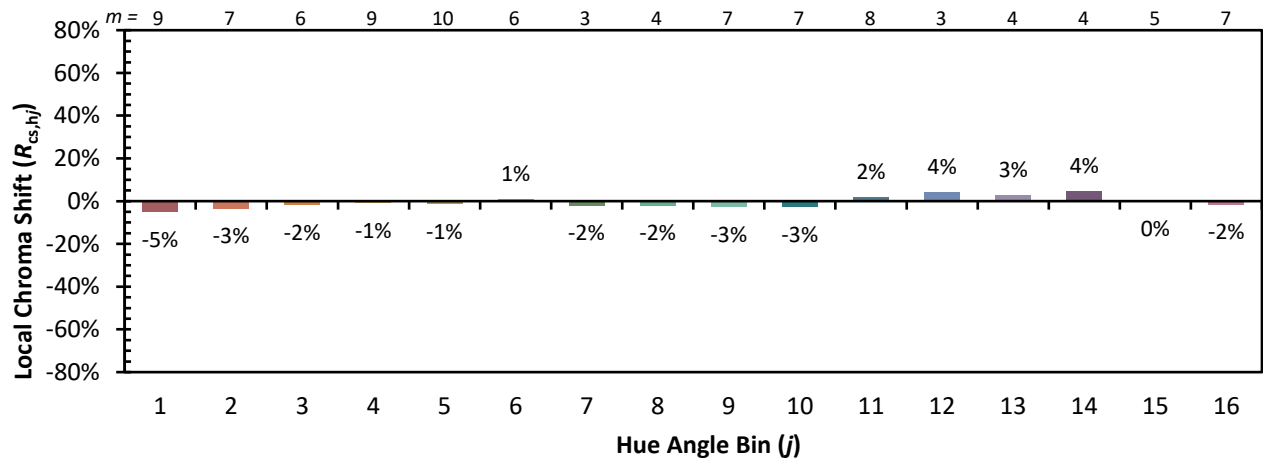


Individual Sample Fidelity Index ($R_{f,i}$)

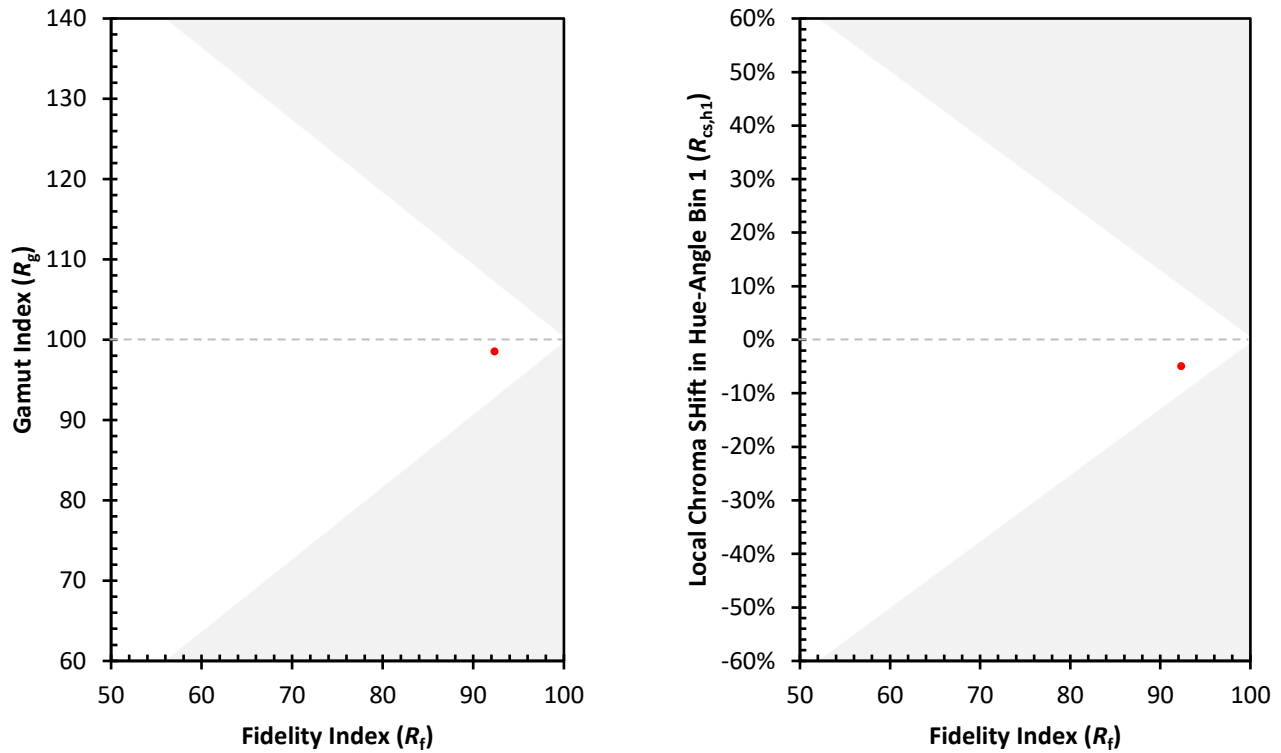
CES01 = 86	CES26 = 93	CES51 = 97	CES76 = 88
CES02 = 62	CES27 = 93	CES52 = 98	CES77 = 91
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 85
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 96
CES05 = 50	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 87
CES07 = 42	CES32 = 91	CES57 = 93	CES82 = 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)