

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: P1047991

Luminaire Tested: **GALN-SA2C-840-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047991
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2C-840-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
80CRI 4000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10322.6 lumens
Efficiency: N/A
Efficacy: 107.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

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



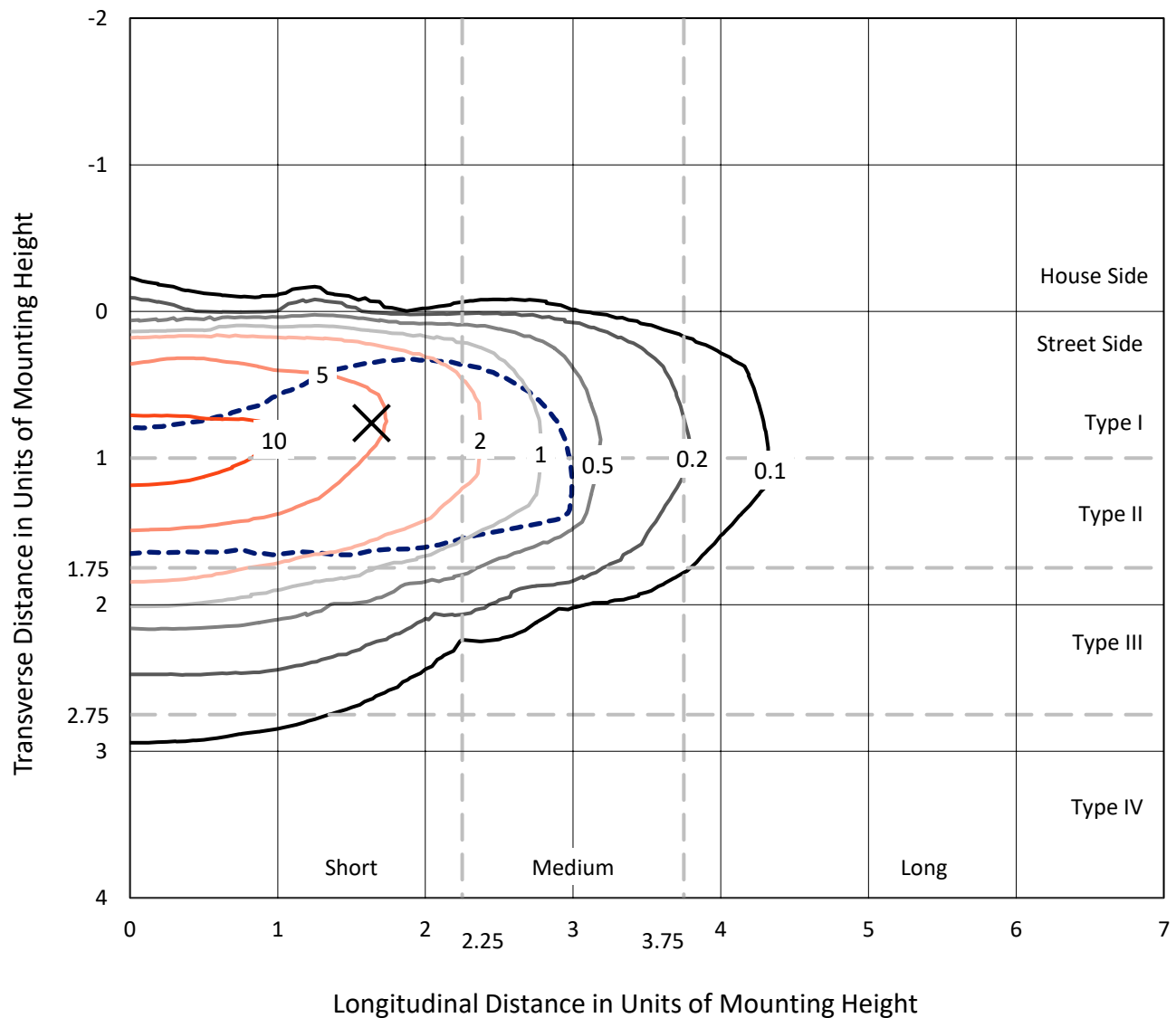
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CATALOG NUMBER: GALN-SA2C-840-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

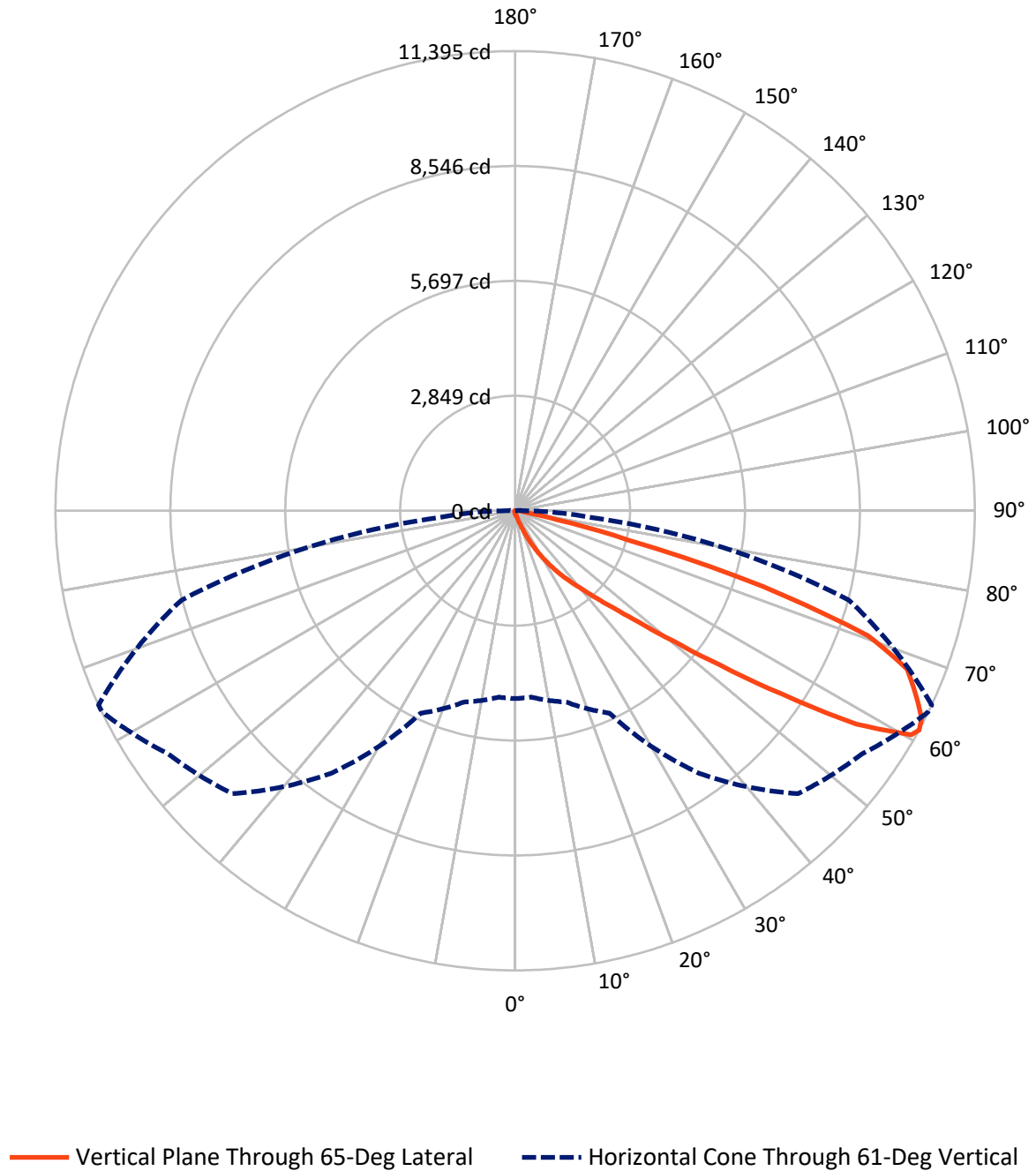


Based on 15 foot mounting height. Maximum calculated value = 13.7 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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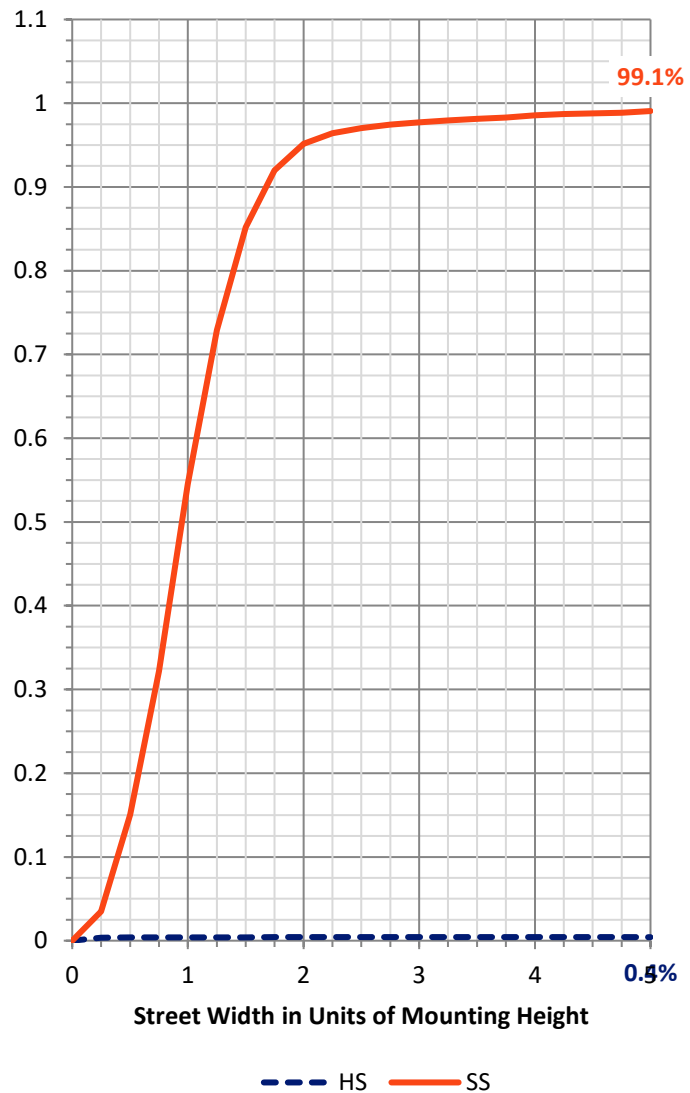
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	44.1	0.0	44.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10278.5	0.0	10278.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	10322.6	0.0	10322.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.0	0.1
10°-20°	84.9	0.8
20°-30°	304.6	3.0
30°-40°	811.1	7.9
40°-50°	2130.6	20.6
50°-60°	3300.8	32.0
60°-70°	2767.6	26.8
70°-80°	814.5	7.9
80°-90°	100.5	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°	10322.6	100.0
0°-180°	10322.6	100.0



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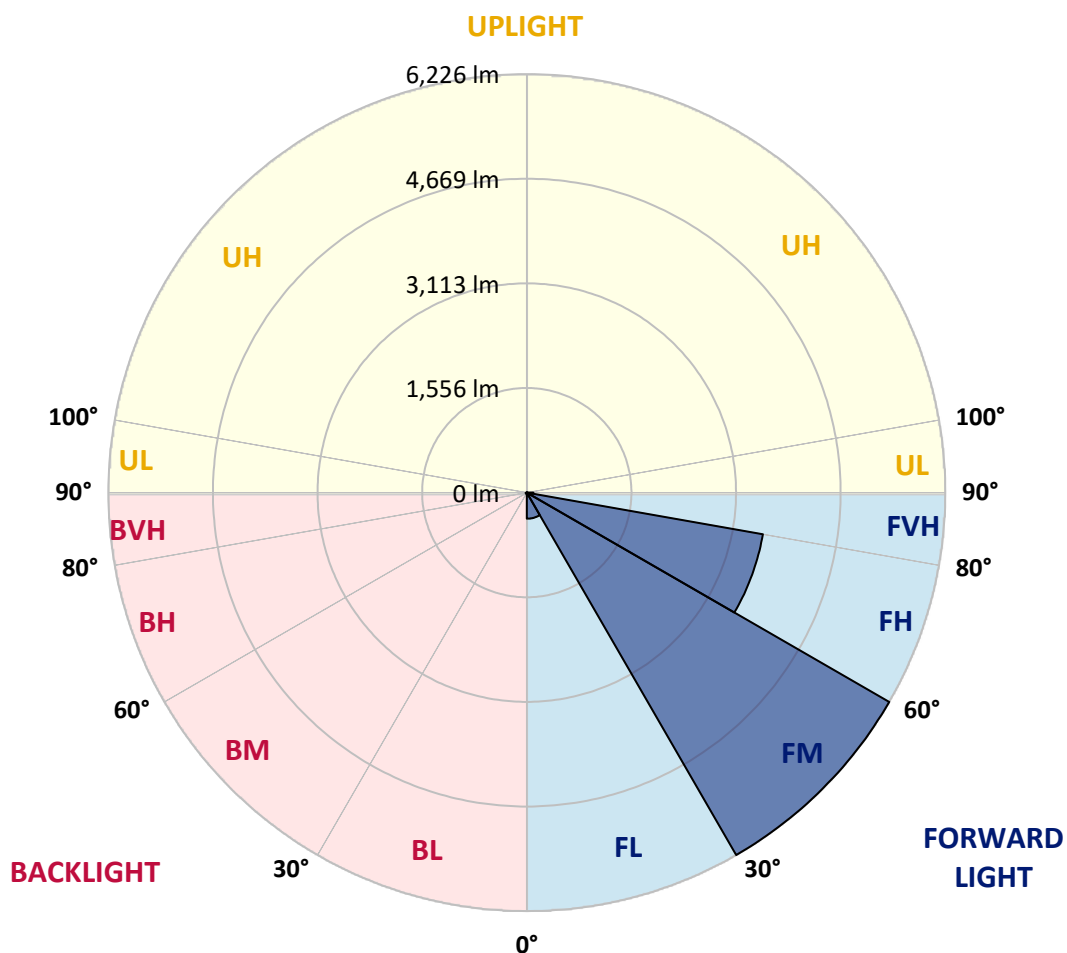
CATALOG NUMBER: GALN-SA2C-840-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	387.7	3.8			
FM	(30°-60°)	6225.7	60.3			
FH	(60°-80°)	3566.6	34.6			G2/5000
FVH	(80°-90°)	98.6	1.0			G1/100
BL	(0°-30°)	9.9	0.1	B0/110		
BM	(30°-60°)	16.8	0.2	B0/220		
BH	(60°-80°)	15.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.9	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
2.5°	76.7	77.4	76.0	73.1	71.0	71.0	70.3	68.2	68.2	66.0	64.6
5°	107.2	105.8	103.0	97.3	92.3	87.3	82.4	77.4	76.7	70.3	66.0
7.5°	175.4	176.8	167.6	149.8	134.9	115.7	98.0	87.3	85.9	75.3	66.7
10°	384.9	374.2	352.9	284.0	233.6	176.1	130.7	101.5	100.1	80.9	68.2
12.5°	701.6	693.0	654.0	583.0	453.0	315.3	191.0	125.7	121.4	85.9	68.9
15°	1011.2	997.7	976.4	904.6	752.7	565.2	312.4	171.8	160.5	93.0	68.2
17.5°	1208.6	1210.7	1191.5	1161.0	1063.0	836.5	539.7	256.3	234.3	105.8	66.7
20°	1381.1	1376.1	1386.8	1370.5	1301.6	1136.8	785.4	406.2	368.5	126.4	67.5
22.5°	1579.9	1592.0	1599.8	1596.3	1520.3	1379.7	1064.4	607.8	560.3	164.0	69.6
25°	1846.2	1844.8	1845.5	1836.3	1762.4	1606.2	1344.2	858.5	810.2	225.1	74.6
27.5°	2125.3	2133.8	2137.3	2104.0	2007.4	1854.0	1603.4	1132.6	1075.8	323.1	80.9
30°	2506.6	2499.5	2483.2	2415.0	2297.8	2107.5	1859.0	1420.2	1360.5	460.1	90.9
32.5°	3020.7	3012.9	2930.5	2780.0	2604.6	2371.7	2116.0	1708.5	1636.0	631.3	104.4
35°	3867.8	3879.9	3677.5	3287.7	2973.1	2689.1	2400.8	1995.3	1931.4	842.2	122.8
37.5°	5165.1	5099.1	4824.3	4135.5	3458.1	3085.3	2672.7	2285.0	2229.7	1102.0	147.0
40°	6425.5	6360.2	6280.7	5628.1	4301.0	3522.0	3053.4	2625.2	2553.5	1395.3	182.5
42.5°	7750.5	7714.3	7710.8	7218.7	5839.0	4208.7	3511.4	3023.5	2962.5	1717.0	240.7
45°	8689.3	8653.1	8729.0	8815.0	7933.7	5679.9	4308.8	3541.2	3452.4	2107.5	333.7
47.5°	8815.7	8817.1	9020.2	9289.3	9490.2	7955.8	5371.1	4227.1	4119.2	2666.4	490.0
50°	8395.3	8411.6	8734.7	9216.2	9757.2	9865.2	7244.3	5222.7	5062.9	3328.9	711.5
52.5°	7595.0	7613.5	8063.7	8855.4	9511.6	10323.9	9449.8	6524.9	6341.0	4155.4	1023.9
55°	6874.3	6885.7	7401.9	8402.4	9215.4	10074.6	10759.2	8263.9	8022.5	5172.2	1332.1
57.5°	6160.7	6134.4	6470.3	7615.6	9165.0	9768.6	10952.3	10245.8	9979.5	6283.5	1572.1
60°	5206.3	5162.3	5432.1	6160.7	8501.8	9969.6	10590.9	11342.1	11281.8	7830.8	1757.5
61°	4657.4	4639.0	4910.2	5535.1	7943.7	9918.4	10504.2	11388.3	11394.7	8562.9	1840.5
62.5°	3326.0	3378.6	3793.3	4605.6	6653.5	9586.8	10515.6	11245.6	11308.8	9535.7	2055.7
65°	1478.4	1562.9	1885.3	2546.4	3869.2	7974.9	10414.8	10932.4	10901.2	9802.7	2797.0
67.5°	877.0	889.7	1050.2	1442.9	2049.3	4289.6	9190.6	10518.4	10476.6	8533.8	3480.1
70°	690.9	697.3	748.4	905.4	1189.4	1643.1	5245.4	9100.4	9282.9	6919.8	3407.0
72.5°	655.4	654.0	661.1	688.8	749.1	815.2	2030.8	6049.2	6420.6	4983.4	2856.7
75°	646.9	644.0	636.9	626.3	542.5	480.0	629.1	2675.6	2890.7	3404.8	2150.8
77.5°	627.7	628.4	629.8	600.7	465.1	339.4	304.6	858.5	1055.9	2160.8	1528.8
80°	424.6	431.0	441.7	430.3	418.2	245.7	215.2	305.3	309.6	1212.8	1009.7
82.5°	215.2	215.2	210.2	187.5	161.9	159.8	171.1	221.5	224.4	613.5	475.0
85°	129.9	137.0	139.9	127.1	116.5	107.2	130.7	176.1	182.5	237.9	110.8
87.5°	29.1	29.8	32.7	43.3	63.2	85.9	121.4	161.2	164.0	152.7	13.5
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-SA2C-840-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
2.5°	63.9	62.5	61.8	59.6	57.5	55.4	54.0	53.3	54.0	54.7	54.7
5°	63.2	61.1	57.5	54.0	51.1	48.3	45.4	44.7	44.7	45.4	45.4
7.5°	63.2	59.6	54.7	50.4	46.2	41.9	39.8	38.3	39.1	39.1	39.1
10°	63.2	58.9	52.5	46.2	41.2	36.2	32.7	31.2	31.2	31.2	31.2
12.5°	62.5	58.2	50.4	42.6	35.5	29.8	25.6	23.4	24.1	24.1	24.1
15°	61.1	56.1	47.6	36.2	28.4	22.7	18.5	16.3	17.0	18.5	19.2
17.5°	58.9	54.0	42.6	30.5	22.7	17.0	12.8	11.4	12.1	14.2	14.2
20°	58.2	51.8	37.6	24.9	17.0	12.1	8.5	7.1	7.8	10.7	11.4
22.5°	58.2	50.4	34.1	20.6	12.8	7.8	5.0	2.8	2.8	5.0	5.0
25°	58.9	49.7	31.2	17.0	9.2	5.7	2.8	1.4	2.8	7.8	9.2
27.5°	60.4	49.0	29.8	14.2	7.1	5.0	2.1	5.0	8.5	8.5	8.5
30°	61.8	47.6	27.7	12.1	6.4	3.6	3.6	7.1	7.1	8.5	9.2
32.5°	63.9	46.9	26.3	10.7	5.0	2.8	5.0	4.3	4.3	5.0	5.7
35°	68.2	47.6	24.9	10.7	5.0	3.6	4.3	2.1	1.4	1.4	1.4
37.5°	73.8	48.3	22.7	9.2	4.3	4.3	2.1	0.0	0.0	0.0	0.0
40°	83.1	50.4	21.3	8.5	3.6	3.6	0.7	0.0	0.0	0.0	0.0
42.5°	98.7	54.7	20.6	7.8	3.6	2.8	0.0	0.0	0.0	0.0	0.0
45°	129.9	64.6	19.2	7.1	3.6	1.4	0.0	0.0	0.0	0.0	0.0
47.5°	186.8	88.1	18.5	5.7	2.1	0.0	0.0	0.0	0.0	0.0	0.0
50°	272.7	119.3	17.8	5.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	347.9	125.7	12.1	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	356.5	86.6	9.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	284.0	56.1	7.8	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	215.2	42.6	7.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	206.6	38.3	7.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	227.9	33.4	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	370.7	27.7	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	644.0	24.1	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	813.8	22.7	4.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	709.4	20.6	4.3	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0
75°	426.8	17.8	4.3	2.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	223.7	13.5	4.3	3.6	2.1	0.7	0.0	0.0	0.0	0.0	0.0
80°	108.6	12.1	5.0	3.6	2.8	1.4	0.0	0.0	0.0	0.0	0.0
82.5°	42.6	9.9	5.7	5.0	3.6	2.1	0.7	0.0	0.0	0.0	0.0
85°	19.2	8.5	6.4	5.7	5.0	2.8	0.7	0.0	0.0	0.0	0.0
87.5°	9.9	7.8	7.1	6.4	5.0	3.6	1.4	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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

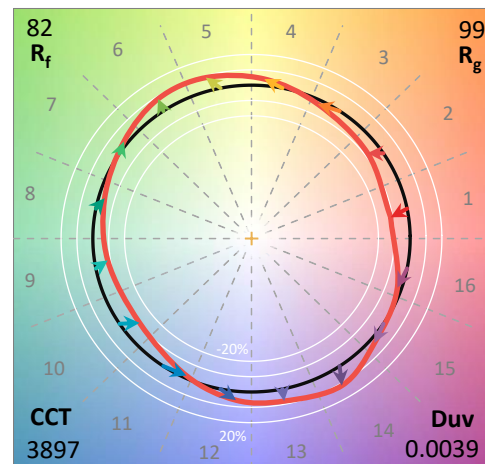
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-11
 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-840-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3897
 CIE u' : 0.2249
 CIE v' : 0.5084
 Duv: 0.0039
 CIE x: 0.3882
 CIE y: 0.3900
 CIE z: 0.2218
 Peak Wavelength (nm): 445
 Dominant Wavelength (nm): 577
 Purity: 33.54925
 R_f: 81.8
 R_g: 98.6

CRI (Ra): 80.2
 R1: 78.9
 R2: 83.5
 R3: 88.3
 R4: 82.1
 R5: 78.8
 R6: 78.4
 R7: 85.8
 R8: 65.8
 R9: 6.7
 R10: 61.9
 R11: 81.9
 R12: 58.9
 R13: 79.2
 R14: 93.2
 R15: 71.9



Test Conditions

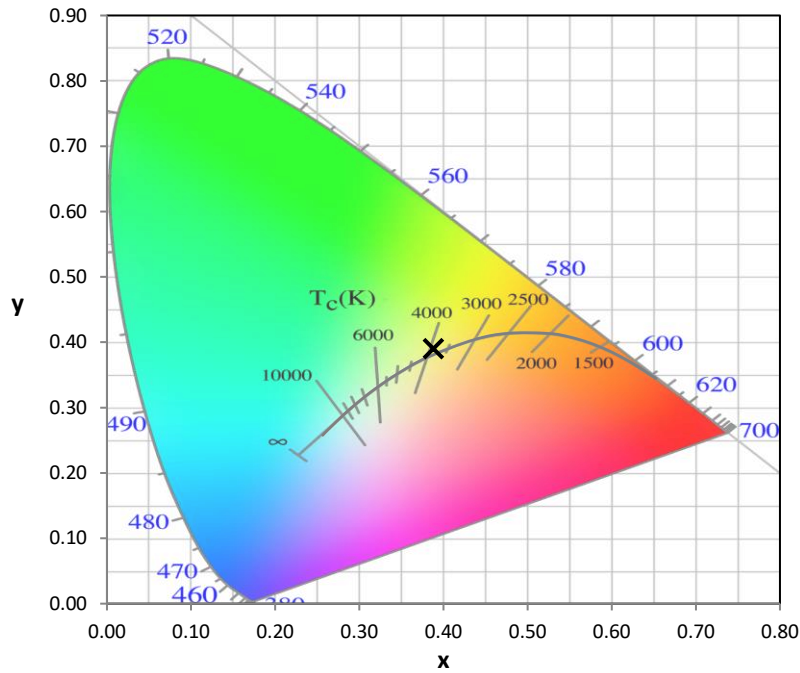
Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

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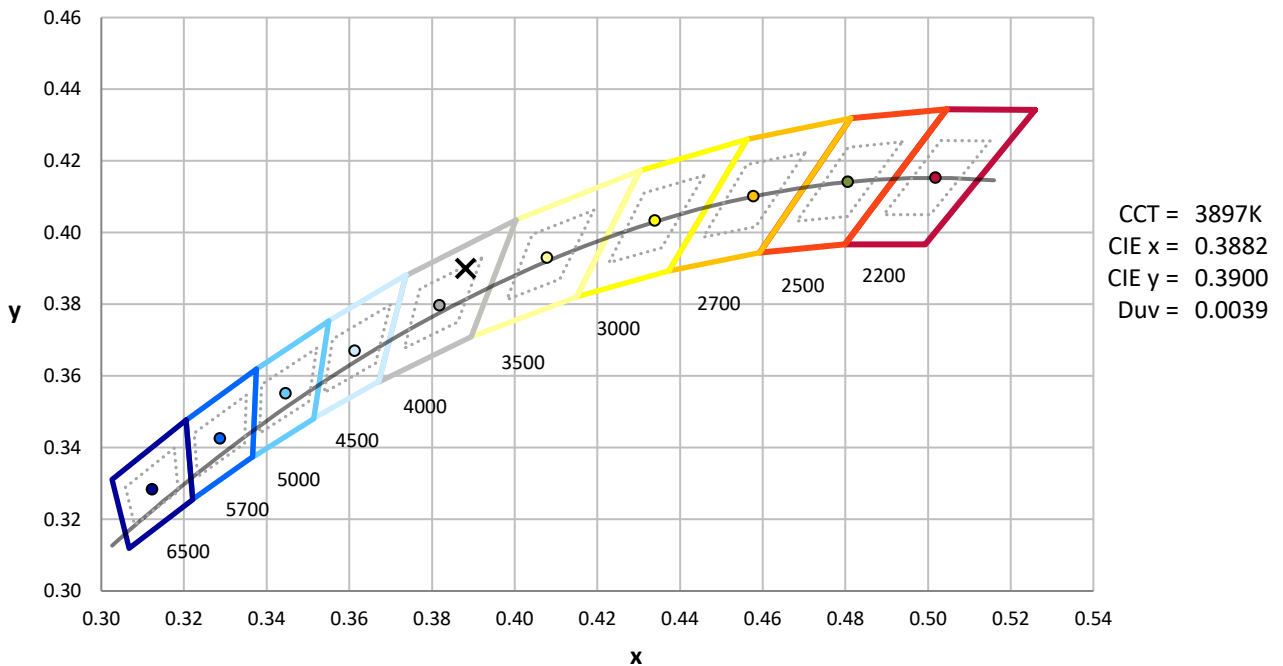
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



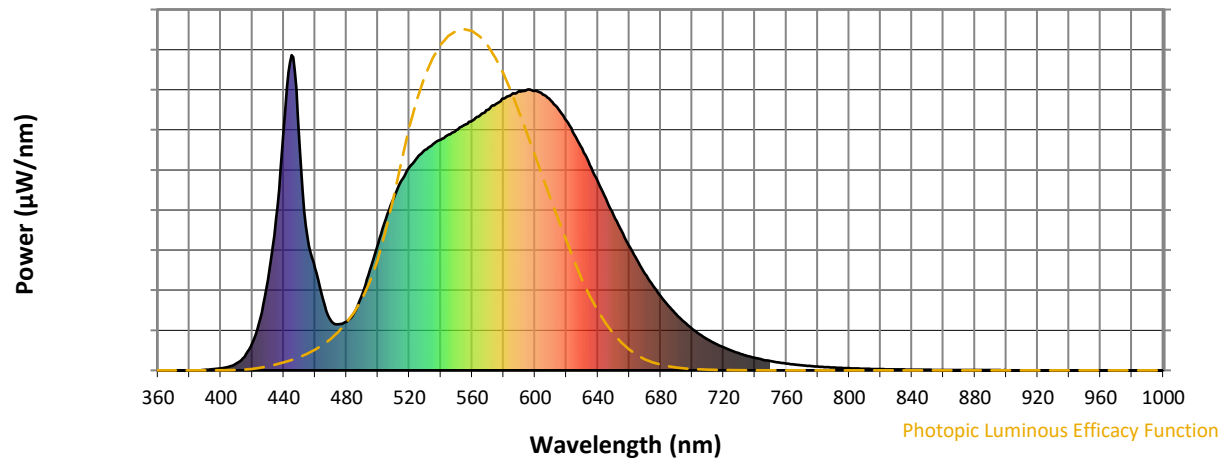
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

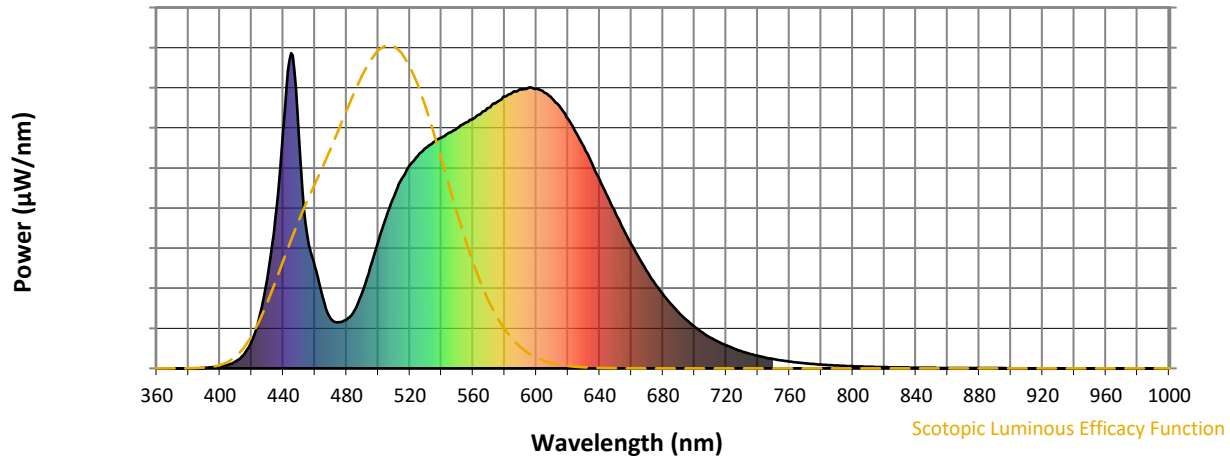


Photopic Lumens: NR

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

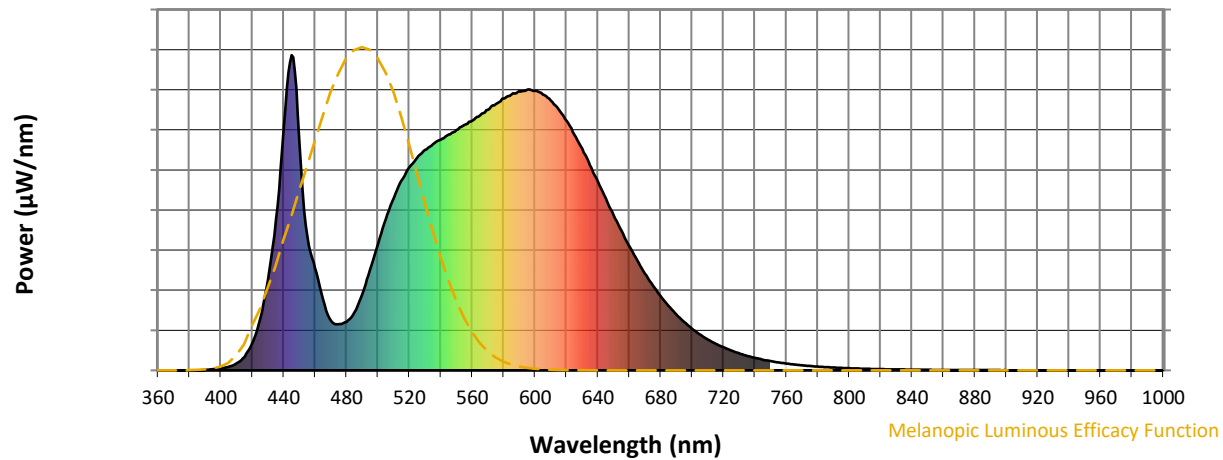
Scotopic Flux vs. Wavelength


Scotopic Lumens: NR
S/P: 1.57

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.06

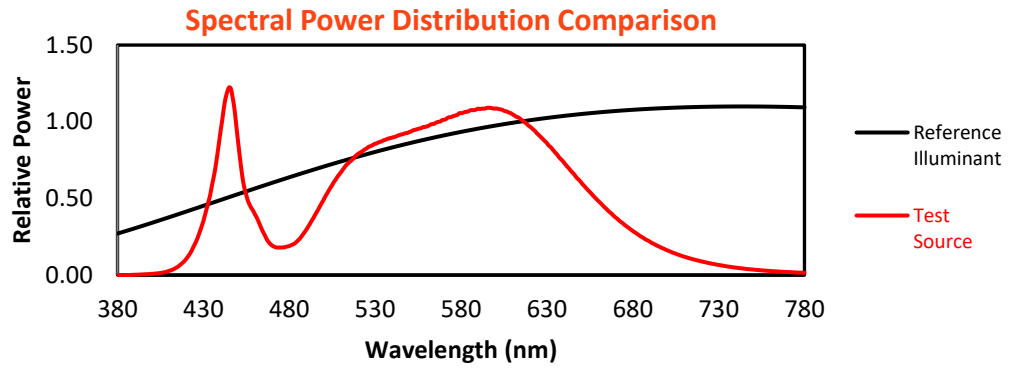
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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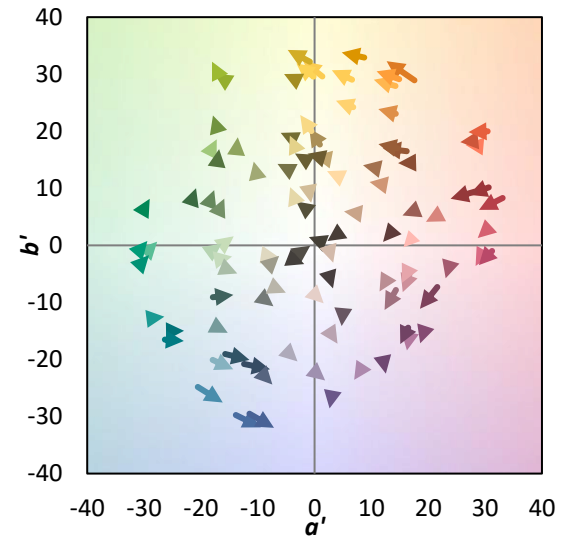
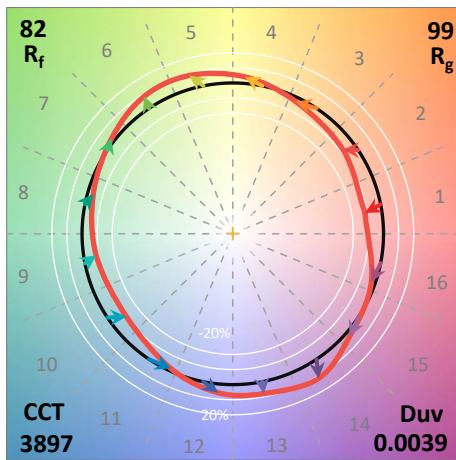
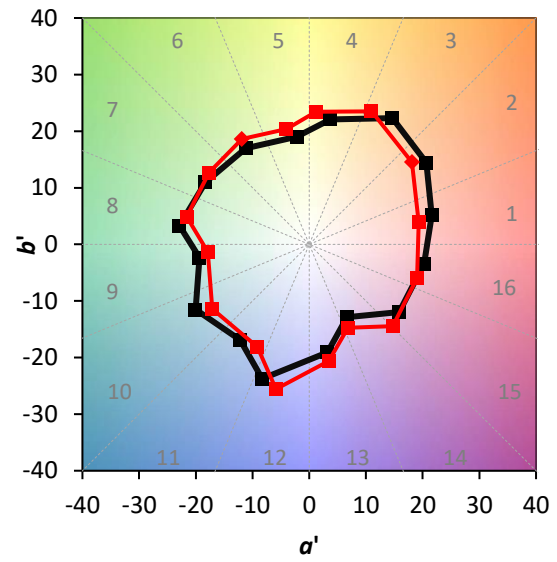
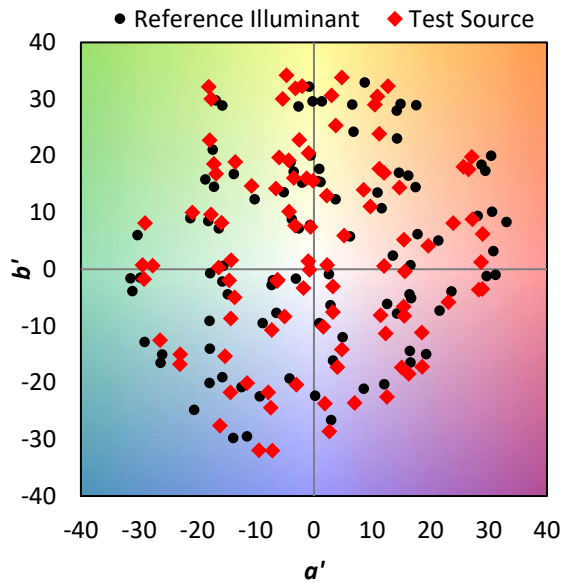
TM-30-18

Summary

$R_f = 81.8$
 $R_g = 98.6$
 $CIE R_a = 80.2$
 $R_9 = 6.7$

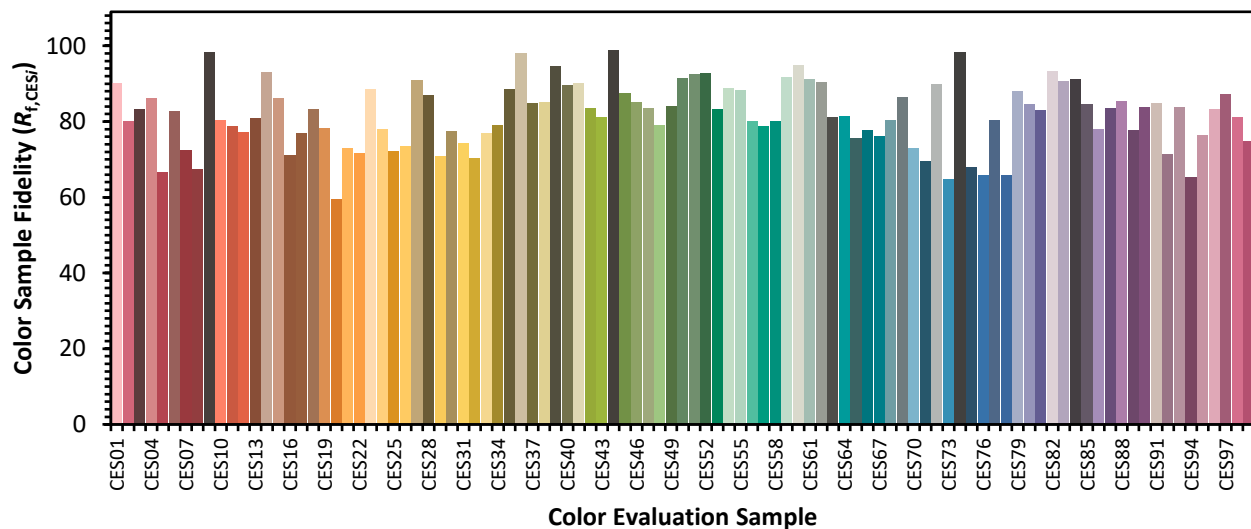


Color Vector Graphics

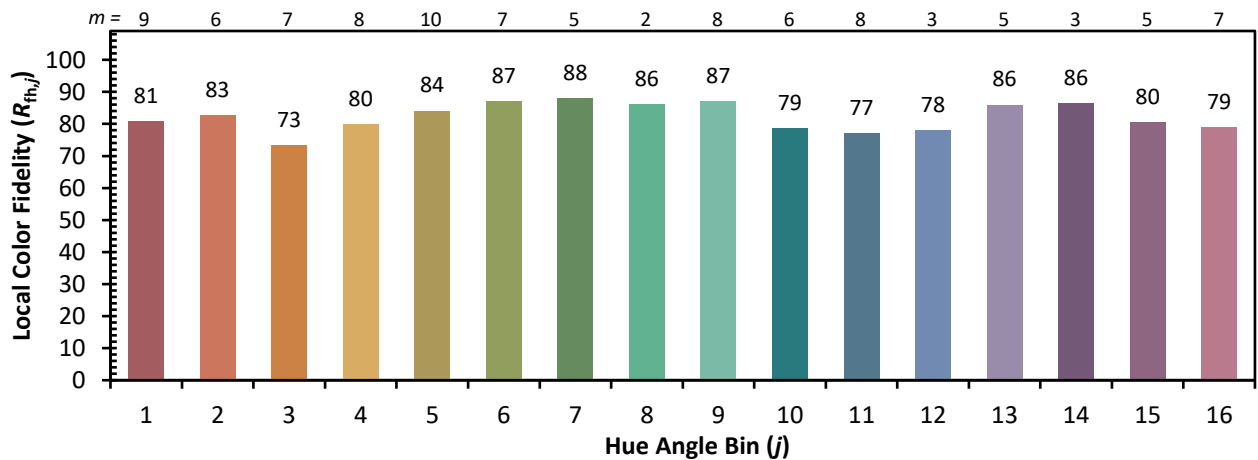
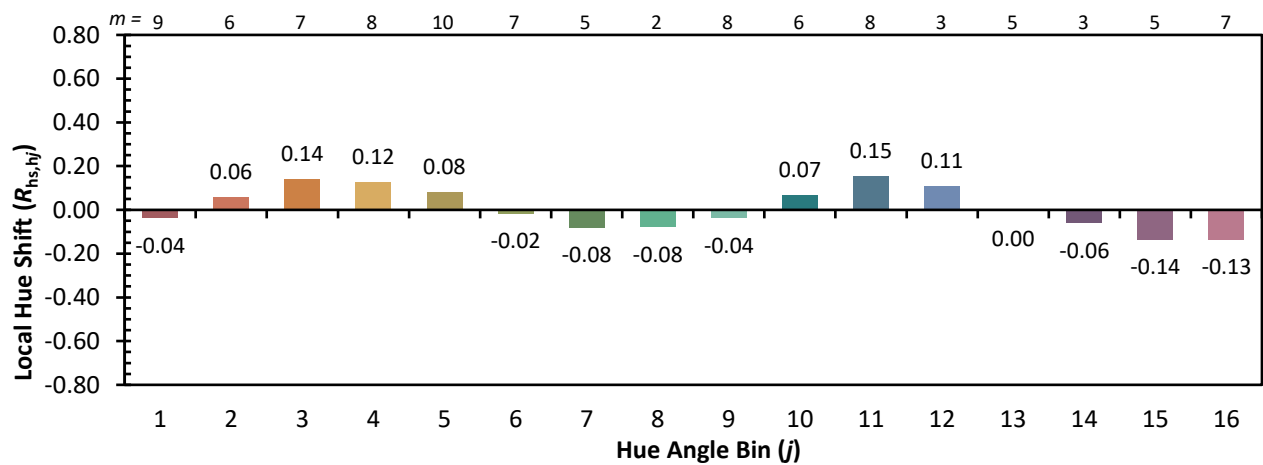
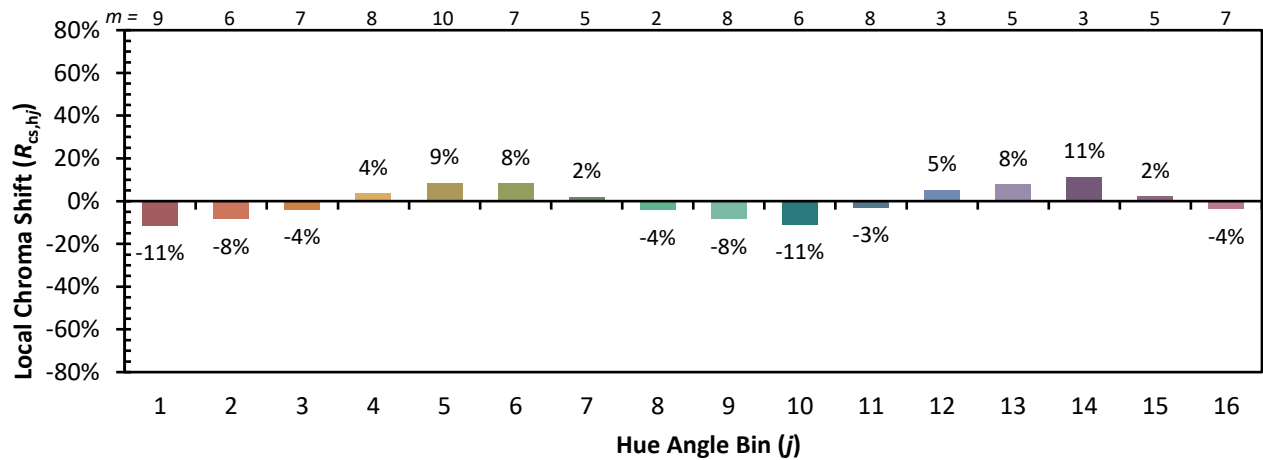


Individual Sample Fidelity Index ($R_{f,i}$)

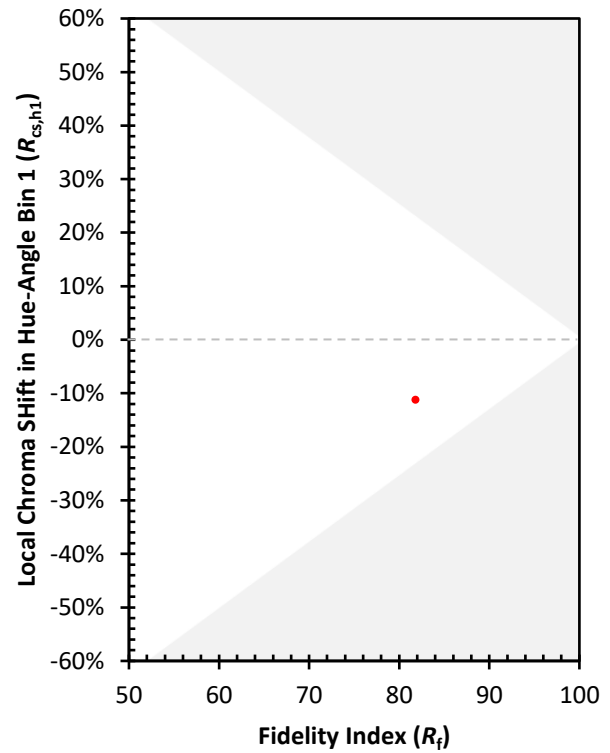
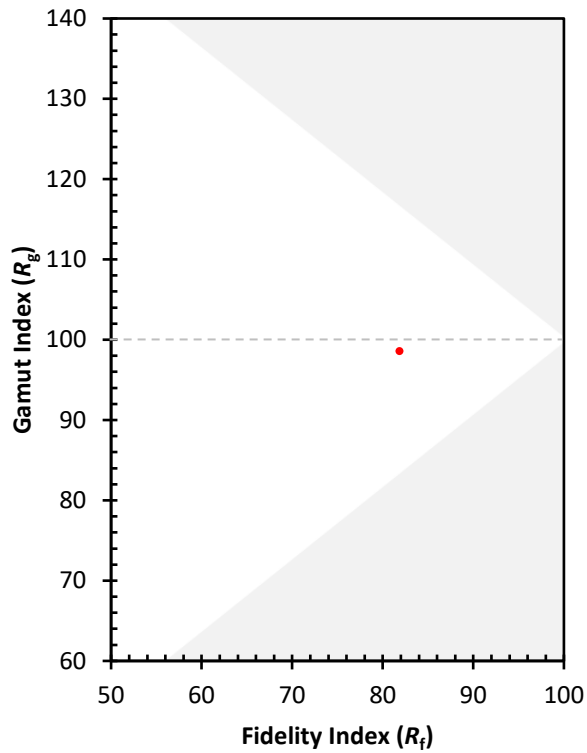
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)