

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: P1047953

Luminaire Tested: **GALN-SA2A-835-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047953
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-835-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6560.2 lumens
Efficiency: N/A
Efficacy: 117.6 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): 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

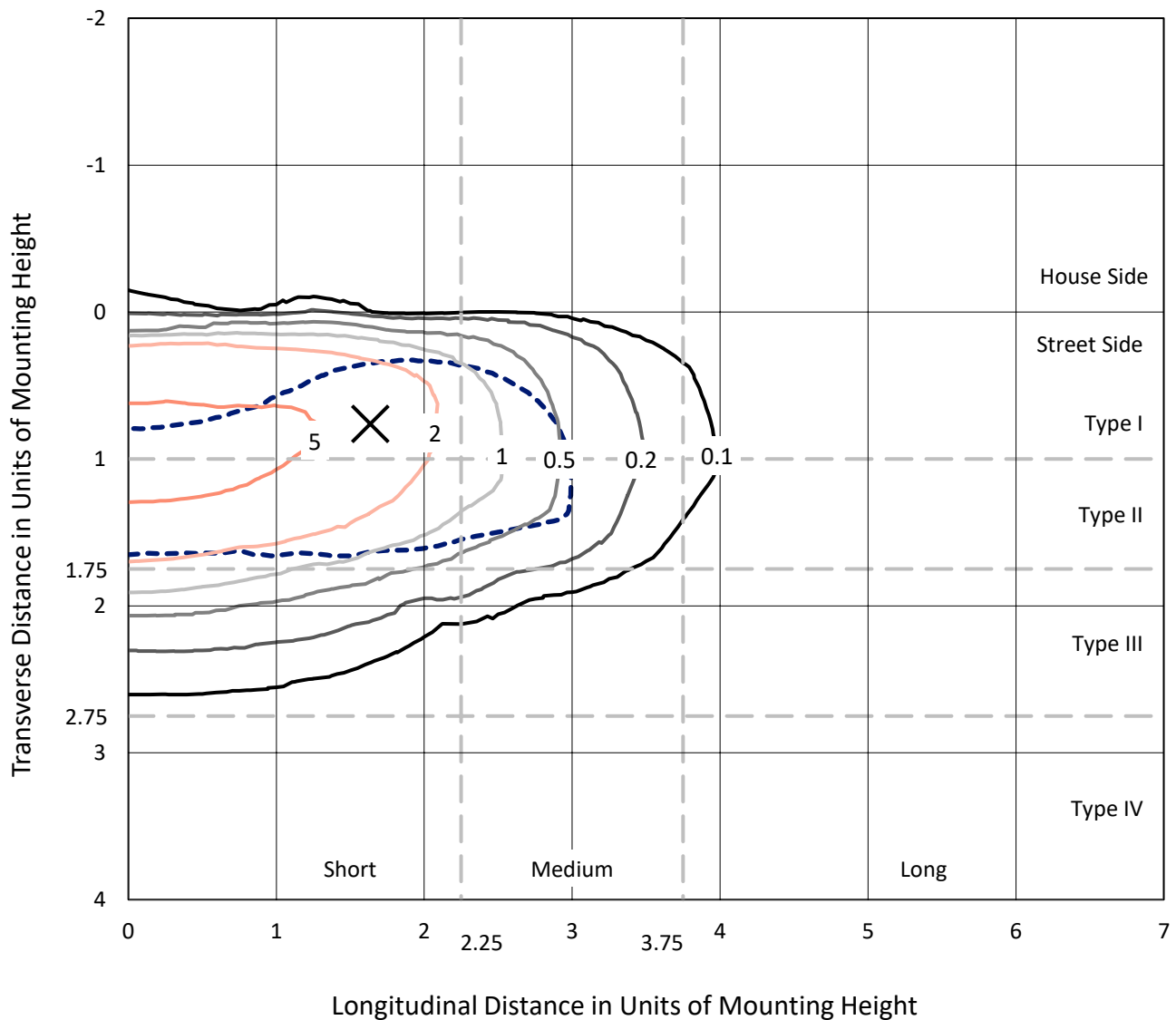


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

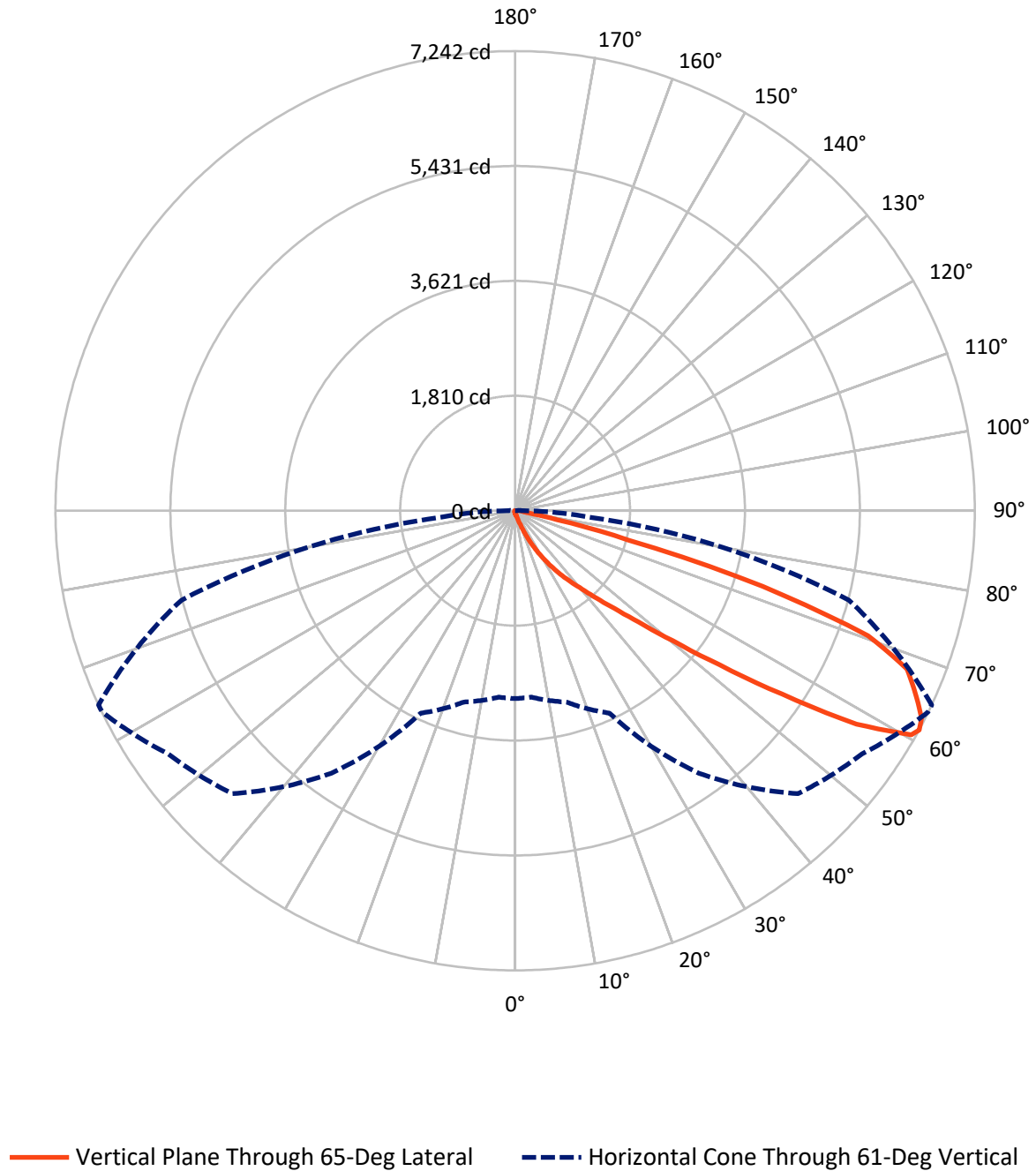


Based on 15 foot mounting height. Maximum calculated value = 8.7 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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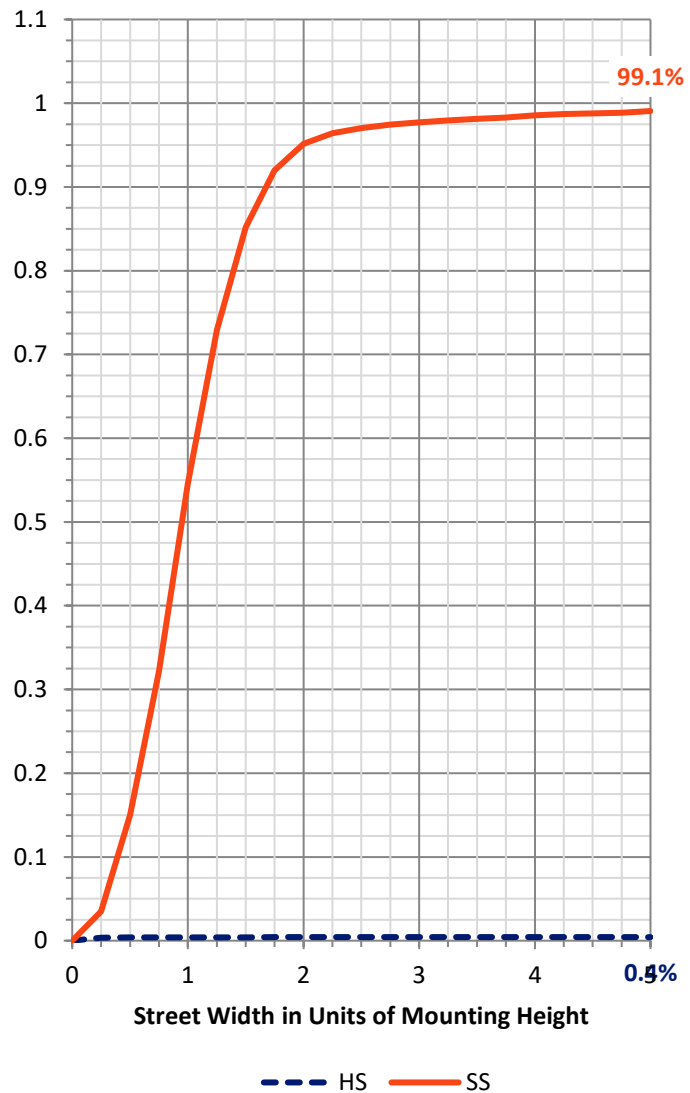
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	28.0	0.0	28.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	6532.2	0.0	6532.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	6560.2	0.0	6560.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.1	0.1
10°-20°	53.9	0.8
20°-30°	193.6	3.0
30°-40°	515.4	7.9
40°-50°	1354.1	20.6
50°-60°	2097.7	32.0
60°-70°	1758.9	26.8
70°-80°	517.6	7.9
80°-90°	63.9	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°	6560.2	100.0
0°-180°	6560.2	100.0



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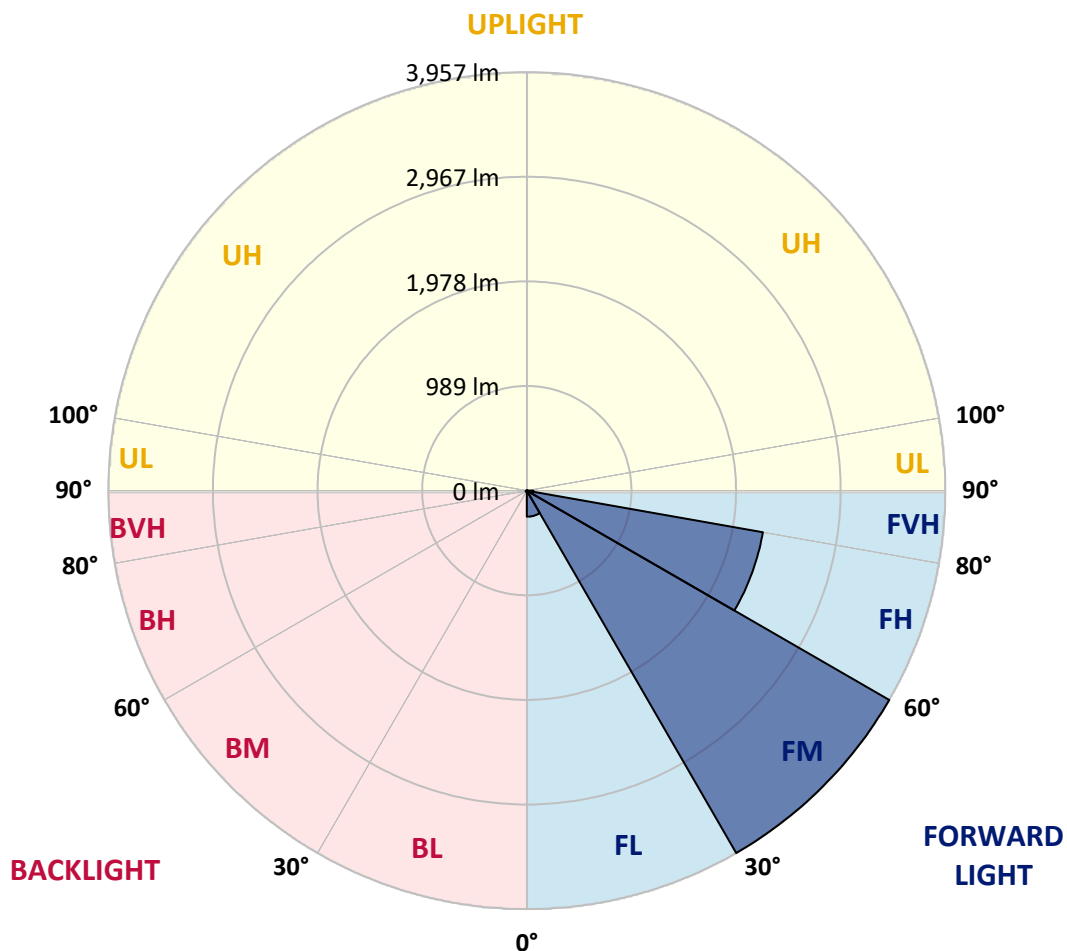
CATALOG NUMBER: GALN-SA2A-835-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	246.4	3.8			
FM	(30°-60°)	3956.5	60.3			
FH	(60°-80°)	2266.6	34.6			G2/5000
FVH	(80°-90°)	62.7	1.0			G1/100
BL	(0°-30°)	6.3	0.1	B0/110		
BM	(30°-60°)	10.7	0.2	B0/220		
BH	(60°-80°)	9.9	0.2	B0/110		G0/110
BVH	(80°-90°)	1.2	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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CATALOG NUMBER: GALN-SA2A-835-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
2.5°	48.7	49.2	48.3	46.5	45.1	45.1	44.7	43.3	43.3	42.0	41.1
5°	68.1	67.2	65.4	61.8	58.7	55.5	52.3	49.2	48.7	44.7	42.0
7.5°	111.5	112.4	106.5	95.2	85.7	73.6	62.3	55.5	54.6	47.8	42.4
10°	244.6	237.8	224.3	180.5	148.5	111.9	83.0	64.5	63.6	51.4	43.3
12.5°	445.9	440.4	415.6	370.5	287.9	200.4	121.4	79.9	77.2	54.6	43.8
15°	642.6	634.0	620.5	574.9	478.3	359.2	198.6	109.2	102.0	59.1	43.3
17.5°	768.1	769.4	757.2	737.8	675.6	531.6	343.0	162.9	148.9	67.2	42.4
20°	877.7	874.6	881.3	871.0	827.2	722.5	499.1	258.1	234.2	80.3	42.9
22.5°	1004.1	1011.8	1016.7	1014.5	966.2	876.8	676.5	386.3	356.1	104.2	44.2
25°	1173.3	1172.4	1172.9	1167.0	1120.1	1020.8	854.3	545.6	514.9	143.1	47.4
27.5°	1350.7	1356.1	1358.3	1337.1	1275.7	1178.3	1019.0	719.8	683.7	205.3	51.4
30°	1593.0	1588.5	1578.1	1534.8	1460.3	1339.4	1181.4	902.5	864.6	292.4	57.8
32.5°	1919.7	1914.7	1862.4	1766.7	1655.3	1507.2	1344.8	1085.8	1039.7	401.2	66.3
35°	2458.1	2465.7	2337.1	2089.4	1889.5	1709.0	1525.7	1268.1	1227.5	535.2	78.1
37.5°	3282.6	3240.6	3065.9	2628.2	2197.7	1960.8	1698.6	1452.2	1417.0	700.4	93.4
40°	4083.6	4042.0	3991.5	3576.8	2733.4	2238.3	1940.5	1668.4	1622.8	886.7	116.0
42.5°	4925.6	4902.6	4900.4	4587.6	3710.8	2674.7	2231.5	1921.5	1882.7	1091.2	153.0
45°	5522.2	5499.2	5547.5	5602.1	5042.1	3609.7	2738.3	2250.5	2194.1	1339.4	212.1
47.5°	5602.5	5603.4	5732.5	5903.5	6031.2	5056.0	3413.4	2686.4	2617.8	1694.5	311.4
50°	5335.4	5345.8	5551.1	5857.1	6200.9	6269.5	4603.9	3319.1	3217.6	2115.6	452.2
52.5°	4826.8	4838.5	5124.6	5627.8	6044.8	6561.0	6005.5	4146.7	4029.9	2640.8	650.7
55°	4368.8	4376.0	4704.1	5339.9	5856.6	6402.6	6837.7	5251.9	5098.5	3287.1	846.6
57.5°	3915.2	3898.5	4112.0	4839.9	5824.6	6208.1	6960.4	6511.4	6342.2	3993.3	999.1
60°	3308.7	3280.7	3452.2	3915.2	5403.1	6335.9	6730.7	7208.2	7169.8	4976.6	1116.9
61°	2959.9	2948.2	3120.5	3517.7	5048.4	6303.4	6675.7	7237.5	7241.6	5441.9	1169.7
62.5°	2113.8	2147.2	2410.7	2926.9	4228.4	6092.6	6682.9	7146.8	7187.0	6060.1	1306.4
65°	939.5	993.2	1198.1	1618.3	2459.0	5068.2	6618.8	6947.8	6927.9	6229.8	1777.6
67.5°	557.3	565.4	667.4	917.0	1302.4	2726.1	5840.8	6684.7	6658.1	5423.4	2211.7
70°	439.1	443.1	475.6	575.4	755.9	1044.2	3333.5	5783.5	5899.5	4397.6	2165.2
72.5°	416.5	415.6	420.1	437.7	476.1	518.1	1290.6	3844.4	4080.4	3167.0	1815.5
75°	411.1	409.3	404.8	398.0	344.8	305.1	399.8	1700.4	1837.1	2163.8	1366.9
77.5°	398.9	399.4	400.3	381.8	295.6	215.7	193.6	545.6	671.0	1373.2	971.6
80°	269.9	273.9	280.7	273.5	265.8	156.1	136.7	194.0	196.8	770.8	641.7
82.5°	136.7	136.7	133.6	119.1	102.9	101.5	108.8	140.8	142.6	389.9	301.9
85°	82.6	87.1	88.9	80.8	74.0	68.1	83.0	111.9	116.0	151.2	70.4
87.5°	18.5	19.0	20.8	27.5	40.2	54.6	77.2	102.4	104.2	97.0	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

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CATALOG NUMBER: GALN-SA2A-835-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
2.5°	40.6	39.7	39.3	37.9	36.6	35.2	34.3	33.8	34.3	34.7	34.7
5°	40.2	38.8	36.6	34.3	32.5	30.7	28.9	28.4	28.4	28.9	28.9
7.5°	40.2	37.9	34.7	32.0	29.3	26.6	25.3	24.4	24.8	24.8	24.8
10°	40.2	37.5	33.4	29.3	26.2	23.0	20.8	19.9	19.9	19.9	19.9
12.5°	39.7	37.0	32.0	27.1	22.6	19.0	16.2	14.9	15.3	15.3	15.3
15°	38.8	35.7	30.2	23.0	18.1	14.4	11.7	10.4	10.8	11.7	12.2
17.5°	37.5	34.3	27.1	19.4	14.4	10.8	8.1	7.2	7.7	9.0	9.0
20°	37.0	32.9	23.9	15.8	10.8	7.7	5.4	4.5	5.0	6.8	7.2
22.5°	37.0	32.0	21.7	13.1	8.1	5.0	3.2	1.8	1.8	3.2	3.2
25°	37.5	31.6	19.9	10.8	5.9	3.6	1.8	0.9	1.8	5.0	5.9
27.5°	38.4	31.1	19.0	9.0	4.5	3.2	1.4	3.2	5.4	5.4	5.4
30°	39.3	30.2	17.6	7.7	4.1	2.3	2.3	4.5	4.5	5.4	5.9
32.5°	40.6	29.8	16.7	6.8	3.2	1.8	3.2	2.7	2.7	3.2	3.6
35°	43.3	30.2	15.8	6.8	3.2	2.3	2.7	1.4	0.9	0.9	0.9
37.5°	46.9	30.7	14.4	5.9	2.7	2.7	1.4	0.0	0.0	0.0	0.0
40°	52.8	32.0	13.5	5.4	2.3	2.3	0.5	0.0	0.0	0.0	0.0
42.5°	62.7	34.7	13.1	5.0	2.3	1.8	0.0	0.0	0.0	0.0	0.0
45°	82.6	41.1	12.2	4.5	2.3	0.9	0.0	0.0	0.0	0.0	0.0
47.5°	118.7	56.0	11.7	3.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0
50°	173.3	75.8	11.3	3.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	221.1	79.9	7.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	226.5	55.1	5.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	180.5	35.7	5.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	136.7	27.1	4.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	131.3	24.4	4.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	144.9	21.2	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	235.6	17.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	409.3	15.3	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	517.2	14.4	2.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	450.8	13.1	2.7	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
75°	271.2	11.3	2.7	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	142.2	8.6	2.7	2.3	1.4	0.5	0.0	0.0	0.0	0.0	0.0
80°	69.0	7.7	3.2	2.3	1.8	0.9	0.0	0.0	0.0	0.0	0.0
82.5°	27.1	6.3	3.6	3.2	2.3	1.4	0.5	0.0	0.0	0.0	0.0
85°	12.2	5.4	4.1	3.6	3.2	1.8	0.5	0.0	0.0	0.0	0.0
87.5°	6.3	5.0	4.5	4.1	3.2	2.3	0.9	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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

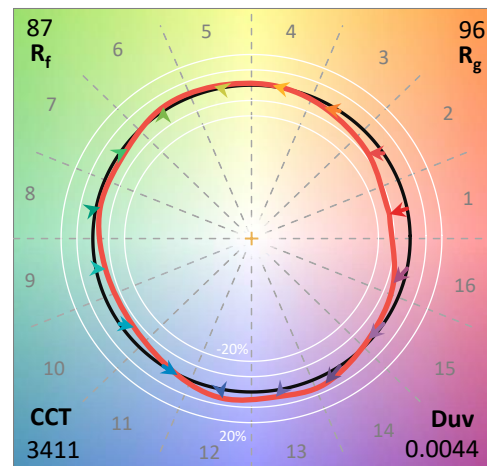
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-10
 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-835-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3411
 CIE u' : 0.2360
 CIE v' : 0.5189
 Duv: 0.0044
 CIE x: 0.4154
 CIE y: 0.4059
 CIE z: 0.1787
 Peak Wavelength (nm): 601
 Dominant Wavelength (nm): 579
 Purity: 46.51914
 R_f: 86.6
 R_g: 95.9

CRI (Ra): 83.5
 R1: 81.1
 R2: 88.9
 R3: 97.2
 R4: 83.8
 R5: 81.7
 R6: 86.9
 R7: 86.1
 R8: 62.2
 R9: 6.3
 R10: 75.4
 R11: 84.1
 R12: 69.7
 R13: 82.8
 R14: 98.5
 R15: 72.6



Test Conditions

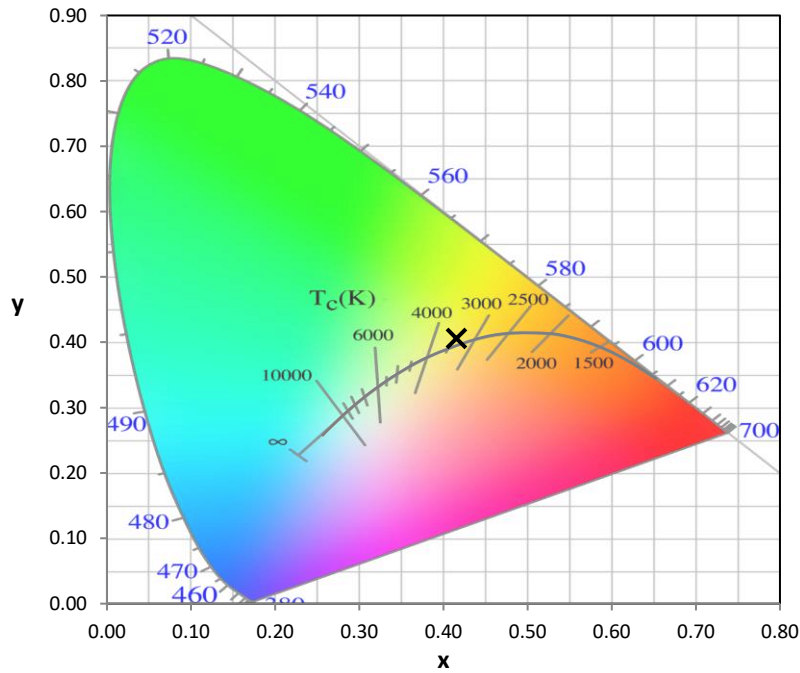
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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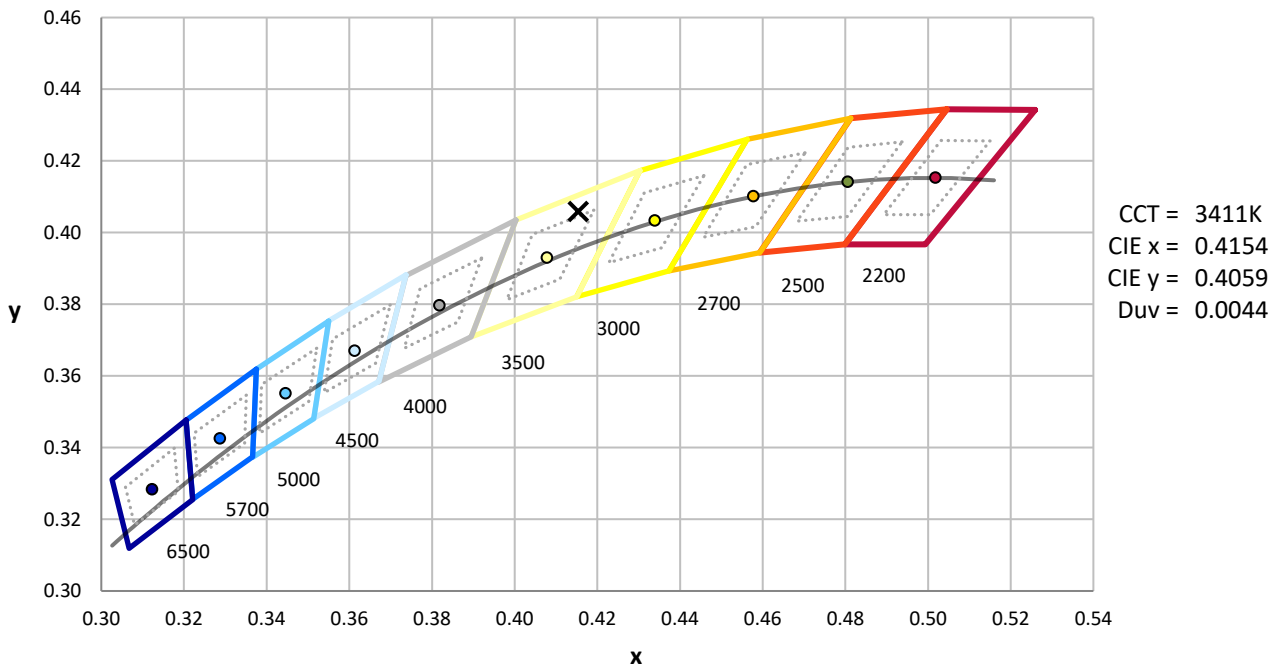
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



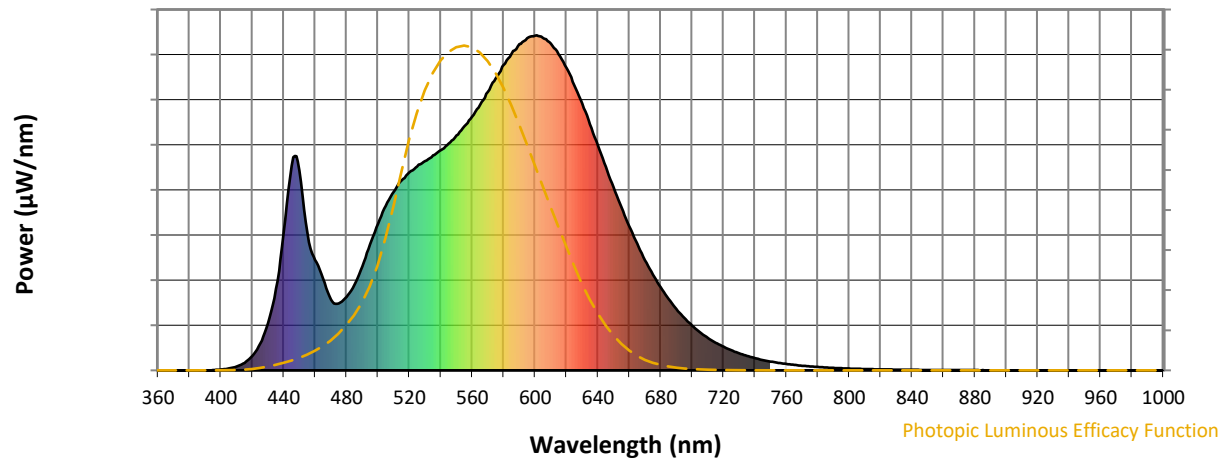
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

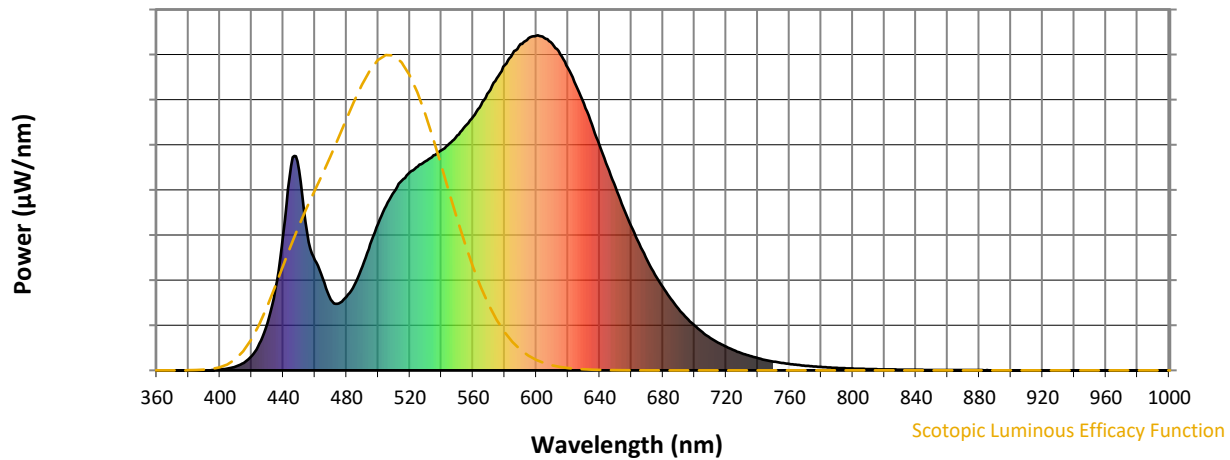


Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



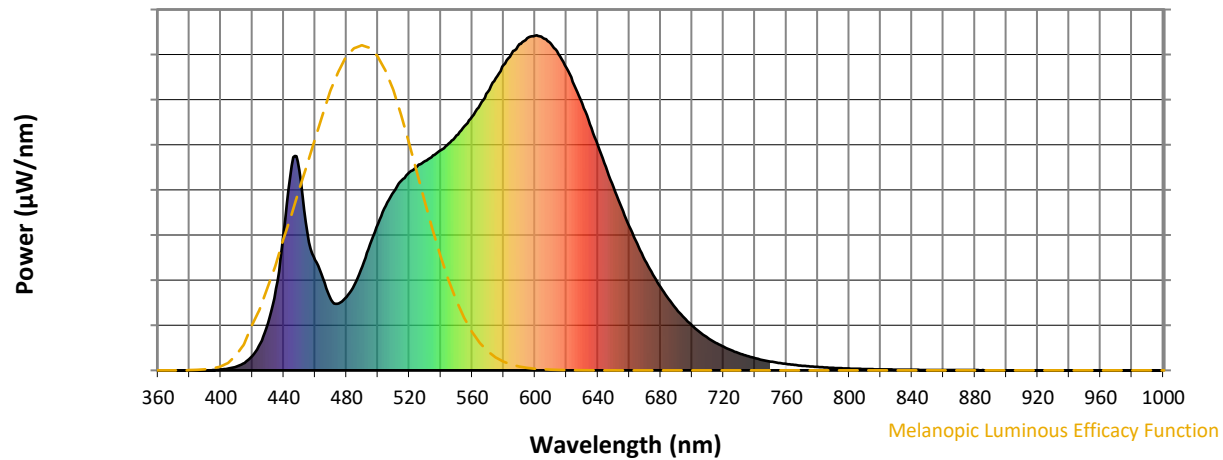
Scotopic Lumens: NR

S/P: 1.48

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.88

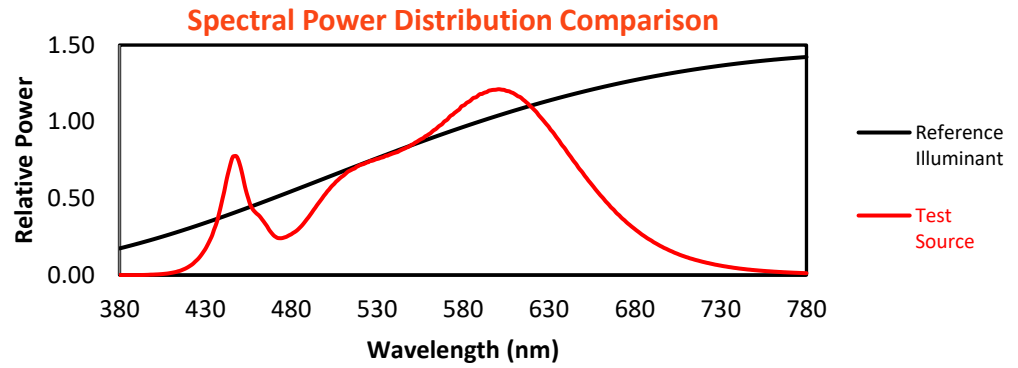
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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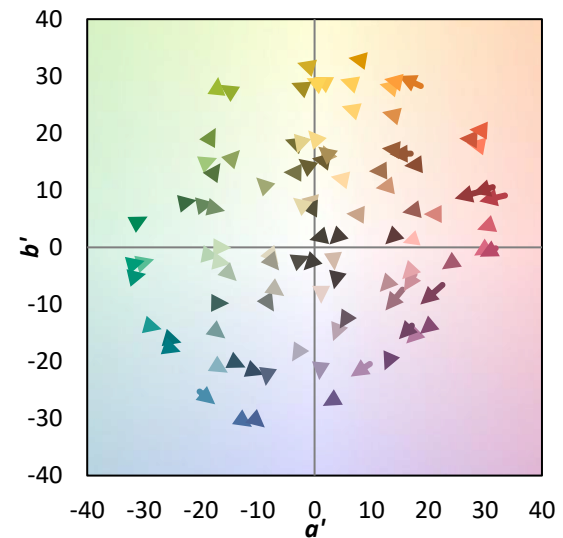
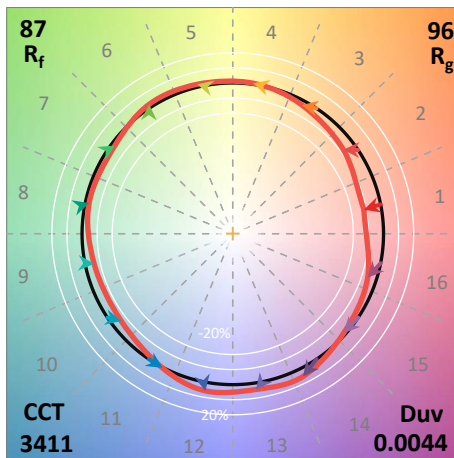
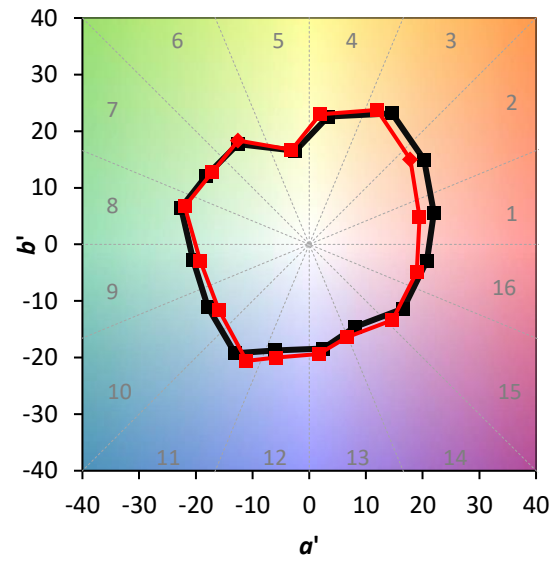
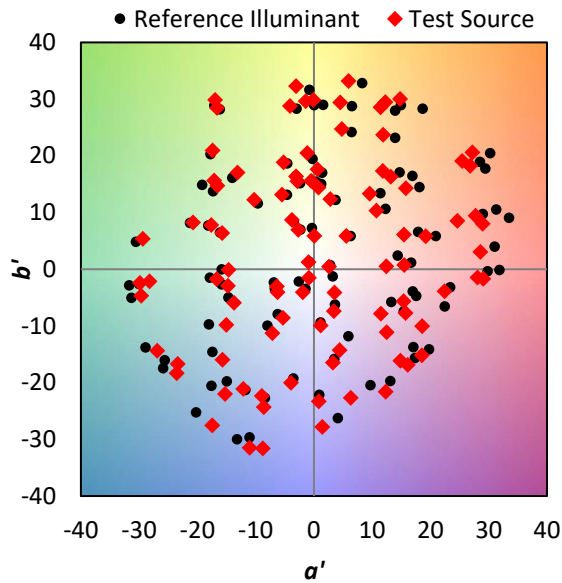
TM-30-18

Summary

$R_f = 86.6$
 $R_g = 95.9$
 $CIE R_a = 83.5$
 $R_g = 6.3$

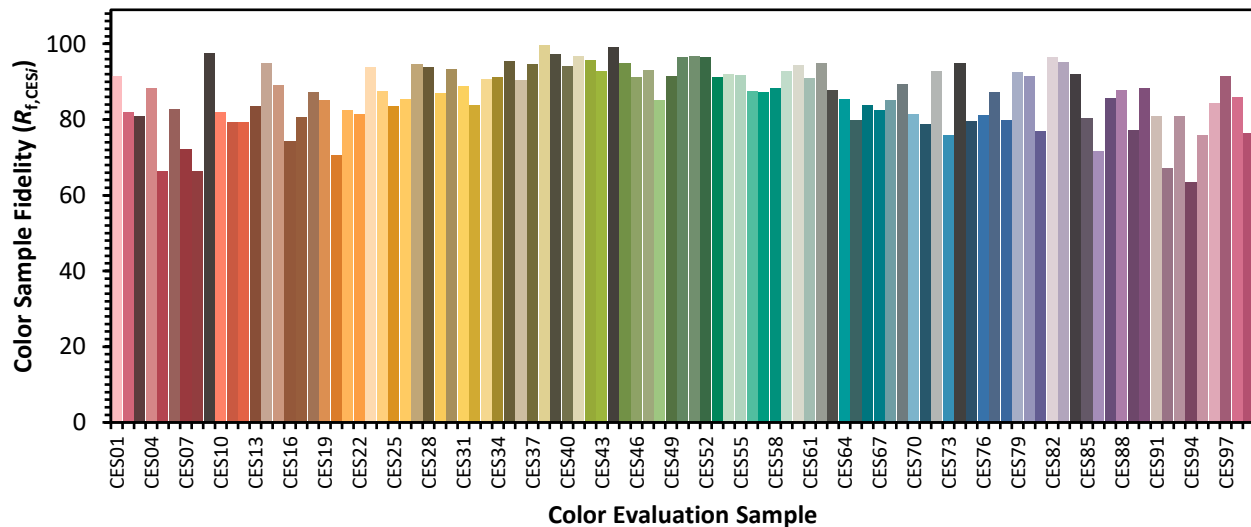


Color Vector Graphics

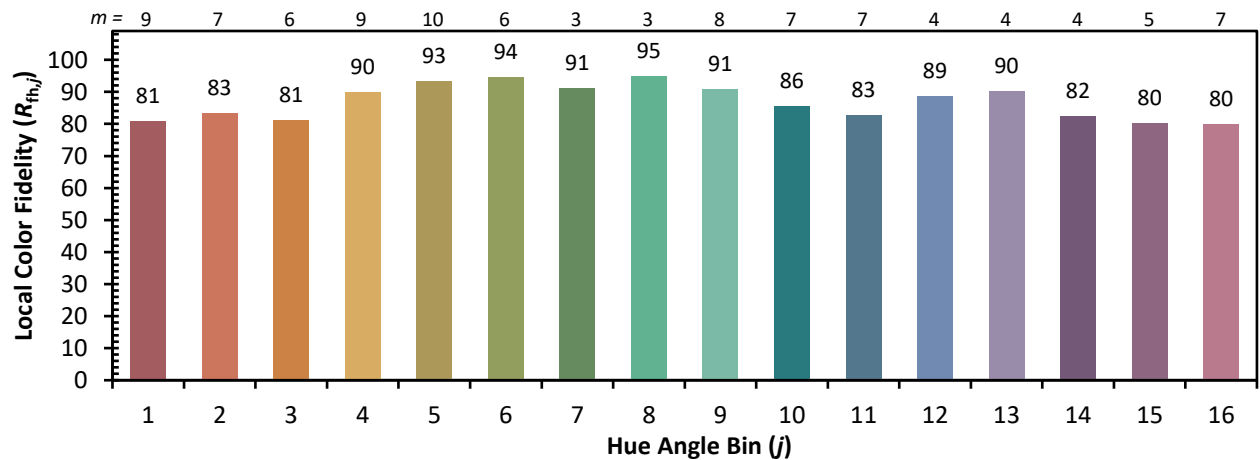
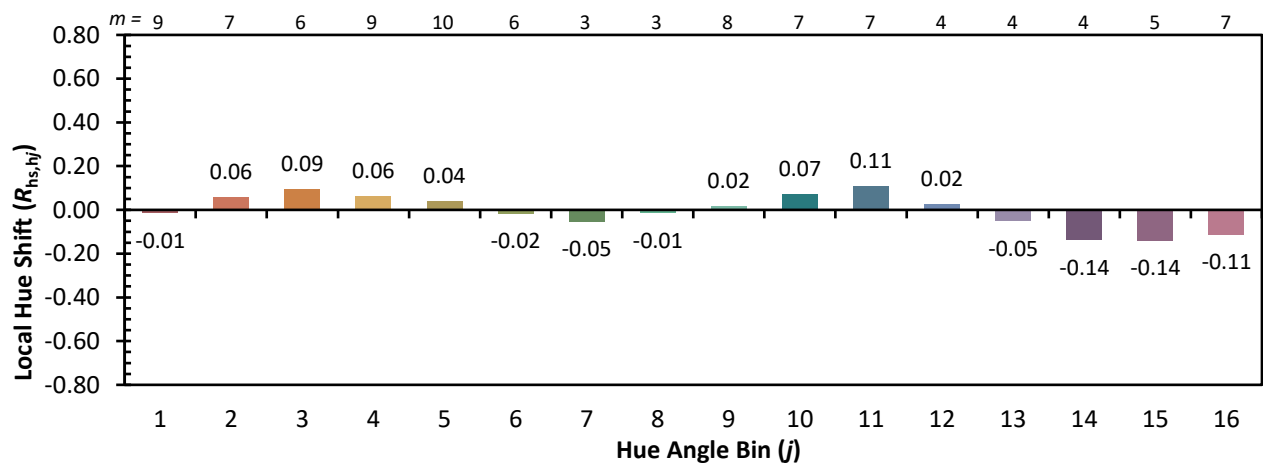
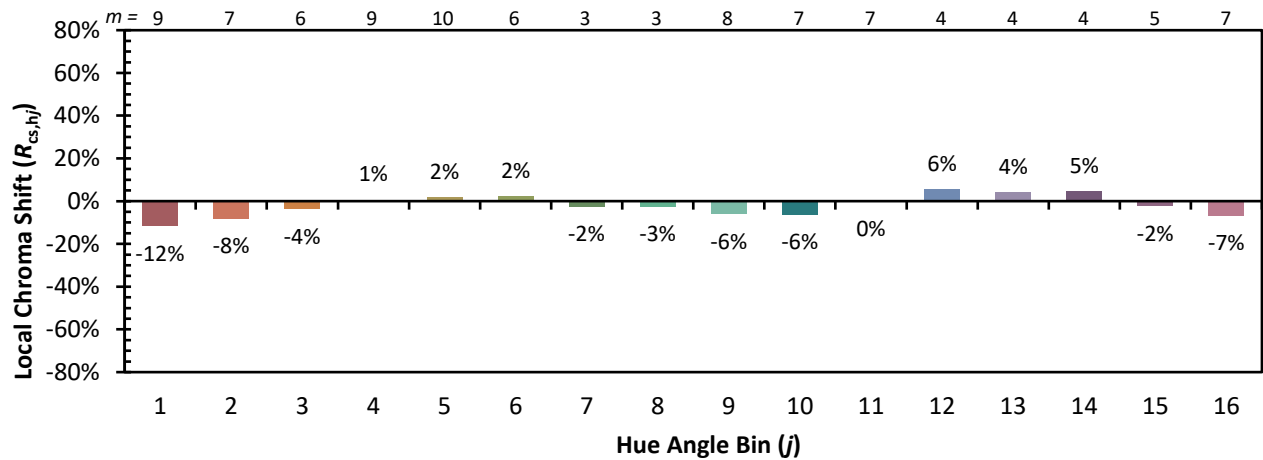


Individual Sample Fidelity Index ($R_{f,i}$)

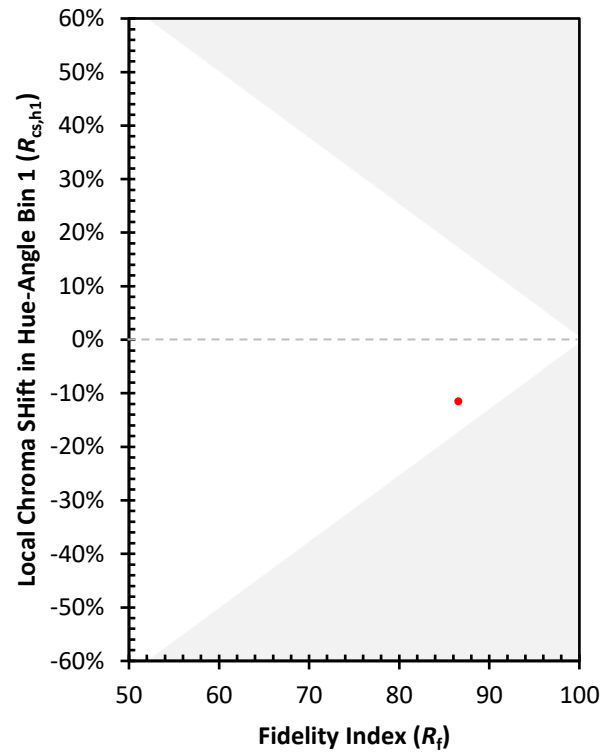
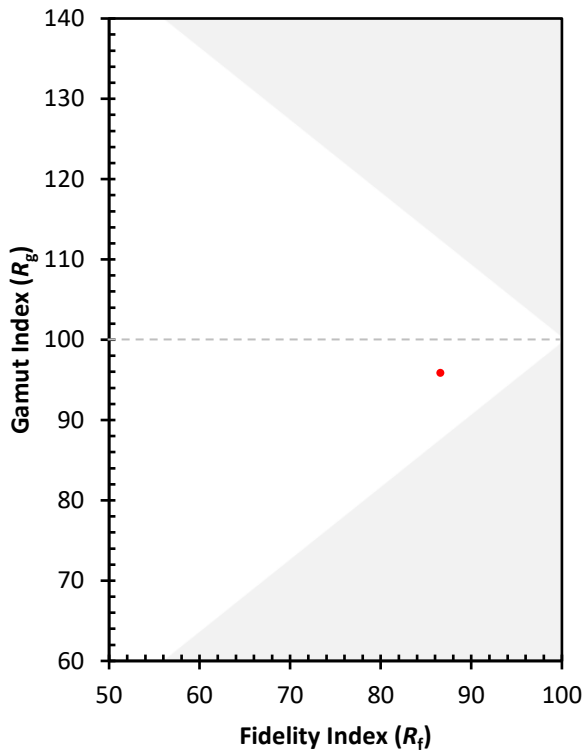
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)