

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: STREETWORKS

Report Number: P1063585

Luminaire Tested: **GLAN-SA1A-835-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063585
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA1A-835-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3270.7 lumens
Efficiency: N/A
Efficacy: 112.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 29
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

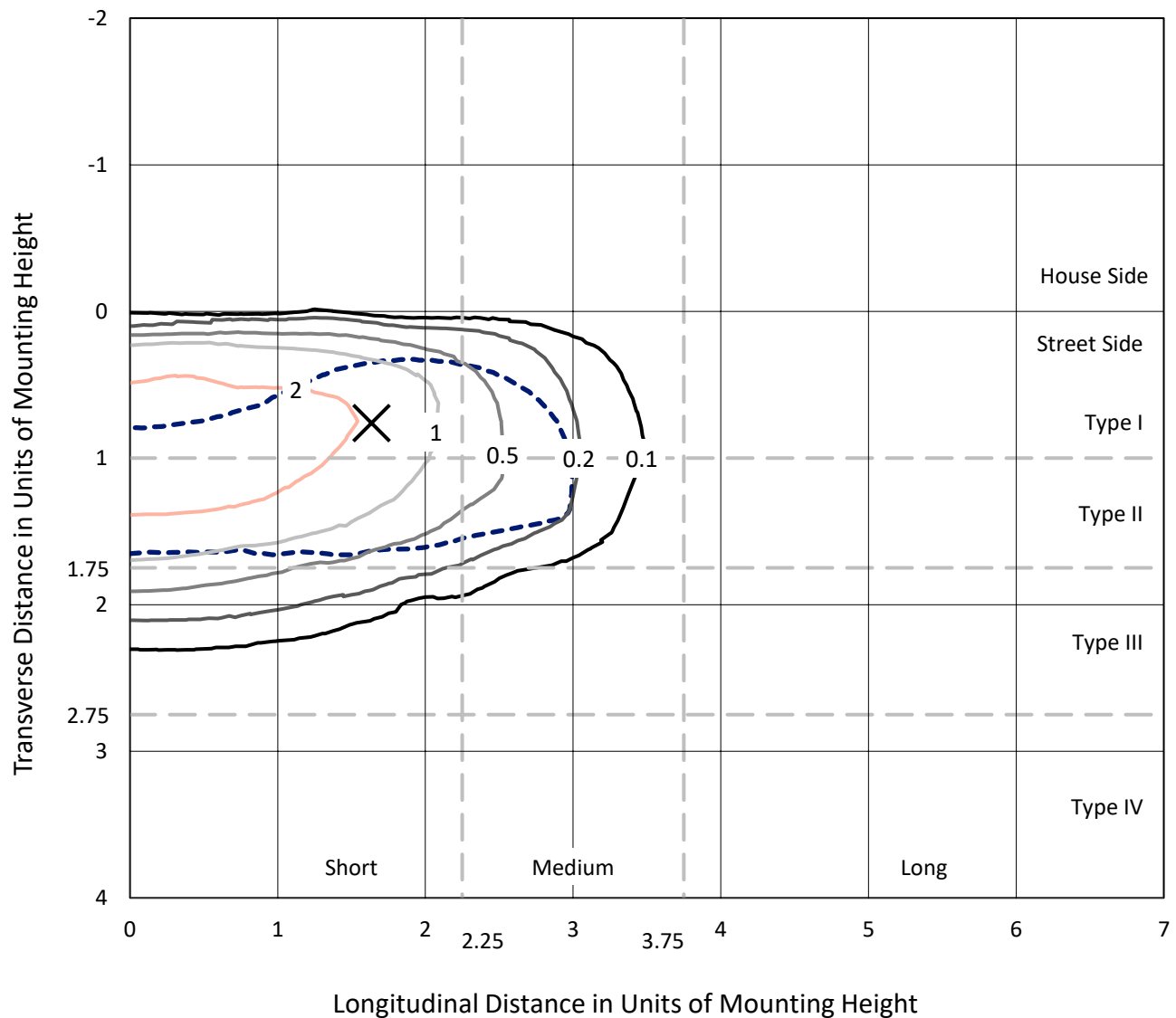


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

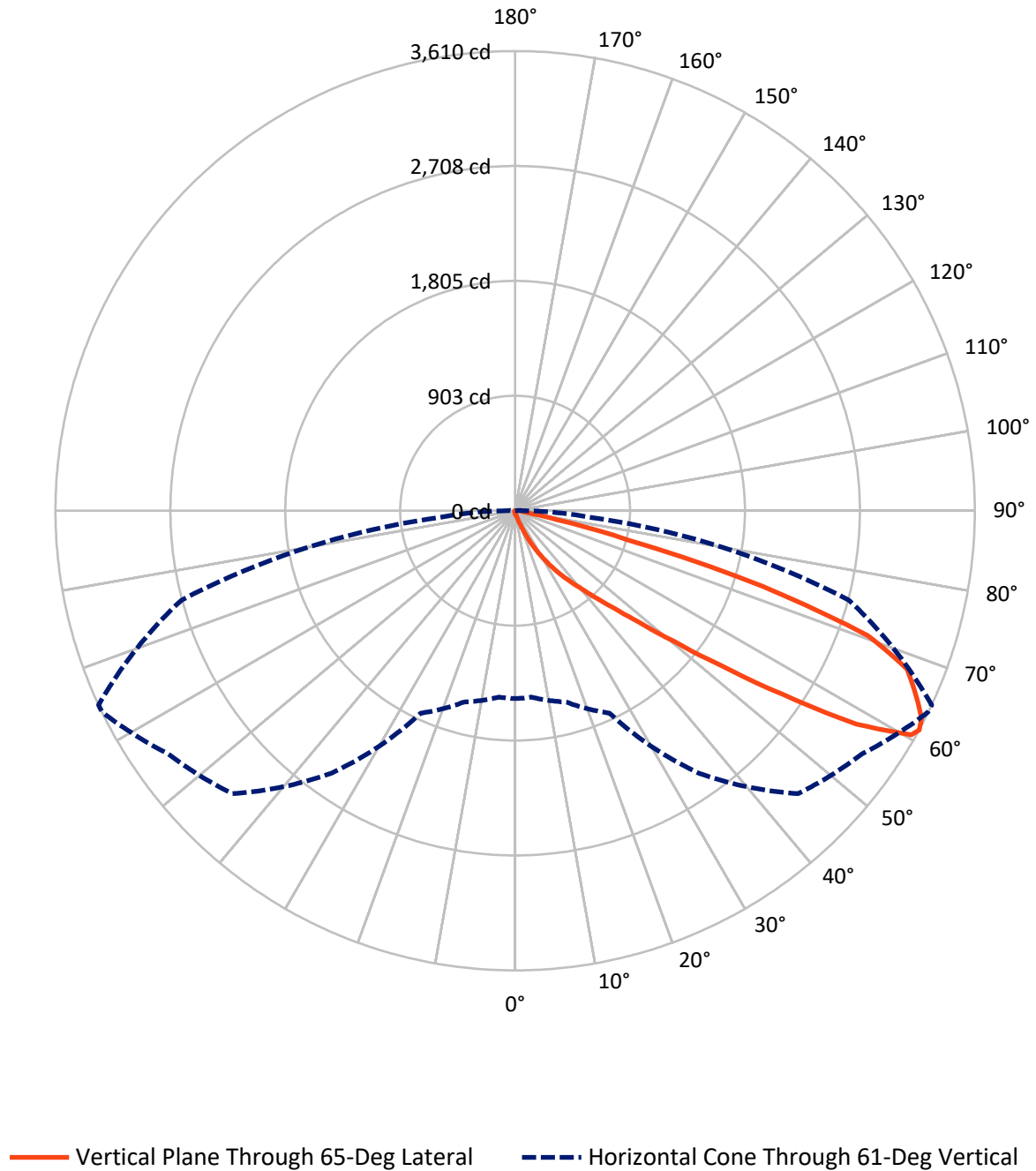


Based on 15 foot mounting height. Maximum calculated value = 4.3 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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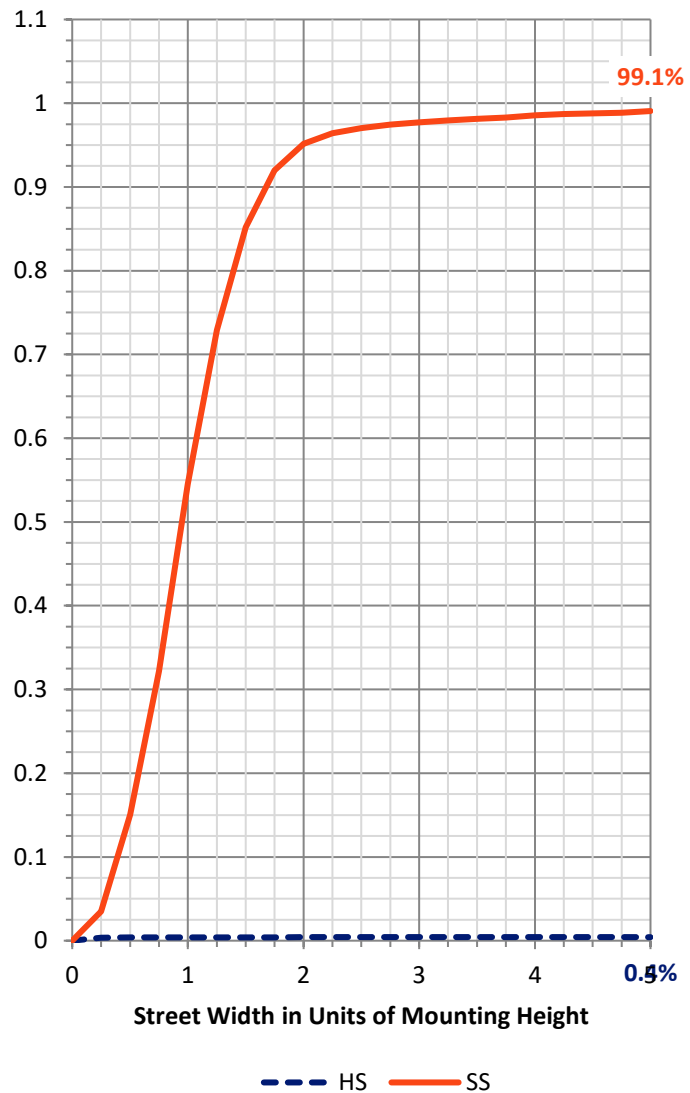
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	13.9	0.0	13.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3256.7	0.0	3256.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	3270.7	0.0	3270.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.5	0.1
10°-20°	26.9	0.8
20°-30°	96.5	3.0
30°-40°	257.0	7.9
40°-50°	675.1	20.6
50°-60°	1045.8	32.0
60°-70°	876.9	26.8
70°-80°	258.1	7.9
80°-90°	31.8	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°	3270.7	100.0
0°-180°	3270.7	100.0



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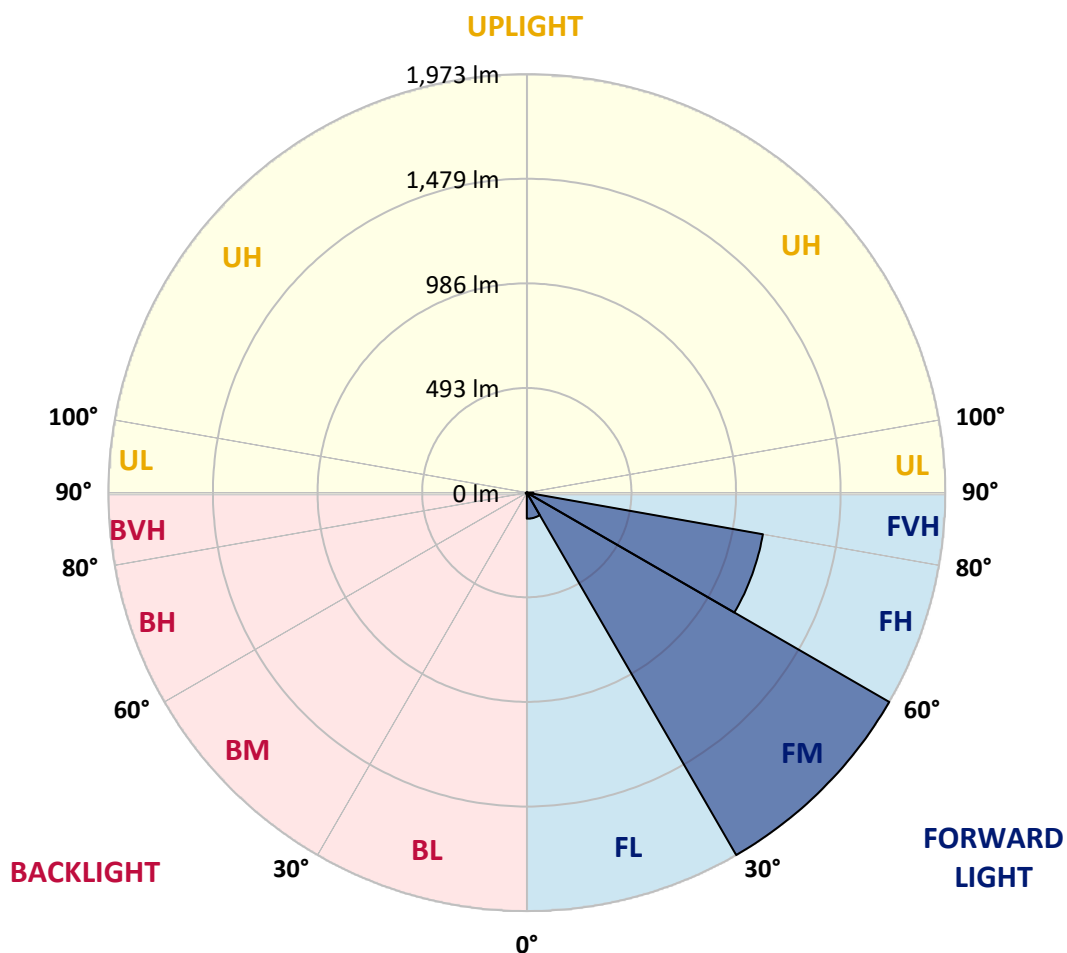
CATALOG NUMBER: GLAN-SA1A-835-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	122.8	3.8			
FM	(30°-60°)	1972.6	60.3			
FH	(60°-80°)	1130.1	34.6			G1/1800
FVH	(80°-90°)	31.2	1.0			G1/100
BL	(0°-30°)	3.1	0.1	B0/110		
BM	(30°-60°)	5.3	0.2	B0/220		
BH	(60°-80°)	4.9	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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-G1

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
2.5°	24.3	24.5	24.1	23.2	22.5	22.5	22.3	21.6	21.6	20.9	20.5
5°	34.0	33.5	32.6	30.8	29.2	27.7	26.1	24.5	24.3	22.3	20.9
7.5°	55.6	56.0	53.1	47.5	42.7	36.7	31.0	27.7	27.2	23.8	21.1
10°	121.9	118.6	111.8	90.0	74.0	55.8	41.4	32.2	31.7	25.6	21.6
12.5°	222.3	219.6	207.2	184.7	143.5	99.9	60.5	39.8	38.5	27.2	21.8
15°	320.4	316.1	309.4	286.6	238.5	179.1	99.0	54.4	50.8	29.5	21.6
17.5°	382.9	383.6	377.5	367.9	336.8	265.0	171.0	81.2	74.2	33.5	21.1
20°	437.6	436.0	439.4	434.2	412.4	360.2	248.8	128.7	116.8	40.0	21.4
22.5°	500.6	504.4	506.9	505.8	481.7	437.2	337.3	192.6	177.5	52.0	22.0
25°	585.0	584.5	584.7	581.8	558.4	508.9	425.9	272.0	256.7	71.3	23.6
27.5°	673.4	676.1	677.2	666.6	636.0	587.4	508.0	358.9	340.9	102.4	25.6
30°	794.2	792.0	786.8	765.2	728.1	667.8	589.0	450.0	431.1	145.8	28.8
32.5°	957.1	954.6	928.5	880.8	825.3	751.5	670.5	541.3	518.4	200.0	33.1
35°	1225.5	1229.3	1165.2	1041.7	942.0	852.0	760.7	632.2	612.0	266.8	38.9
37.5°	1636.6	1615.6	1528.6	1310.3	1095.7	977.6	846.9	724.0	706.5	349.2	46.6
40°	2035.9	2015.2	1990.0	1783.3	1362.8	1115.9	967.5	831.8	809.1	442.1	57.8
42.5°	2455.8	2444.3	2443.2	2287.2	1850.1	1333.5	1112.6	958.0	938.7	544.0	76.3
45°	2753.2	2741.7	2765.8	2793.0	2513.8	1799.7	1365.2	1122.0	1093.9	667.8	105.7
47.5°	2793.2	2793.7	2858.0	2943.3	3007.0	2520.8	1701.8	1339.4	1305.2	844.8	155.2
50°	2660.0	2665.2	2767.6	2920.1	3091.6	3125.8	2295.3	1654.8	1604.2	1054.7	225.4
52.5°	2406.5	2412.3	2555.0	2805.8	3013.7	3271.1	2994.1	2067.4	2009.1	1316.6	324.4
55°	2178.1	2181.7	2345.3	2662.3	2919.9	3192.1	3409.0	2618.4	2541.9	1638.8	422.1
57.5°	1952.0	1943.7	2050.1	2413.0	2903.9	3095.2	3470.2	3246.4	3162.0	1990.9	498.1
60°	1649.6	1635.7	1721.2	1952.0	2693.8	3158.8	3355.7	3593.7	3574.6	2481.2	556.8
61°	1475.7	1469.9	1555.8	1753.8	2516.9	3142.6	3328.3	3608.4	3610.4	2713.1	583.2
62.5°	1053.8	1070.5	1201.9	1459.3	2108.1	3037.6	3331.9	3563.1	3583.2	3021.4	651.3
65°	468.4	495.2	597.3	806.8	1226.0	2526.8	3299.9	3463.9	3454.0	3106.0	886.2
67.5°	277.9	281.9	332.8	457.2	649.3	1359.2	2912.0	3332.8	3319.5	2703.9	1102.7
70°	218.9	220.9	237.1	286.9	376.9	520.6	1662.0	2883.5	2941.3	2192.5	1079.5
72.5°	207.7	207.2	209.5	218.2	237.4	258.3	643.5	1916.7	2034.3	1579.0	905.1
75°	205.0	204.1	201.8	198.4	171.9	152.1	199.3	847.8	915.9	1078.8	681.5
77.5°	198.9	199.1	199.6	190.3	147.4	107.5	96.5	272.0	334.6	684.6	484.4
80°	134.5	136.6	139.9	136.3	132.5	77.8	68.2	96.7	98.1	384.3	319.9
82.5°	68.2	68.2	66.6	59.4	51.3	50.6	54.2	70.2	71.1	194.4	150.5
85°	41.2	43.4	44.3	40.3	36.9	34.0	41.4	55.8	57.8	75.4	35.1
87.5°	9.2	9.4	10.3	13.7	20.0	27.2	38.5	51.1	52.0	48.4	4.3
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: GLAN-SA1A-835-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
2.5°	20.2	19.8	19.6	18.9	18.2	17.5	17.1	16.9	17.1	17.3	17.3
5°	20.0	19.3	18.2	17.1	16.2	15.3	14.4	14.2	14.2	14.4	14.4
7.5°	20.0	18.9	17.3	16.0	14.6	13.3	12.6	12.1	12.4	12.4	12.4
10°	20.0	18.7	16.6	14.6	13.0	11.5	10.3	9.9	9.9	9.9	9.9
12.5°	19.8	18.4	16.0	13.5	11.2	9.4	8.1	7.4	7.6	7.6	7.6
15°	19.3	17.8	15.1	11.5	9.0	7.2	5.8	5.2	5.4	5.8	6.1
17.5°	18.7	17.1	13.5	9.7	7.2	5.4	4.0	3.6	3.8	4.5	4.5
20°	18.4	16.4	11.9	7.9	5.4	3.8	2.7	2.2	2.5	3.4	3.6
22.5°	18.4	16.0	10.8	6.5	4.0	2.5	1.6	0.9	0.9	1.6	1.6
25°	18.7	15.7	9.9	5.4	2.9	1.8	0.9	0.4	0.9	2.5	2.9
27.5°	19.1	15.5	9.4	4.5	2.2	1.6	0.7	1.6	2.7	2.7	2.7
30°	19.6	15.1	8.8	3.8	2.0	1.1	1.1	2.2	2.2	2.7	2.9
32.5°	20.2	14.8	8.3	3.4	1.6	0.9	1.6	1.3	1.3	1.6	1.8
35°	21.6	15.1	7.9	3.4	1.6	1.1	1.3	0.7	0.4	0.4	0.4
37.5°	23.4	15.3	7.2	2.9	1.3	1.3	0.7	0.0	0.0	0.0	0.0
40°	26.3	16.0	6.7	2.7	1.1	1.1	0.2	0.0	0.0	0.0	0.0
42.5°	31.3	17.3	6.5	2.5	1.1	0.9	0.0	0.0	0.0	0.0	0.0
45°	41.2	20.5	6.1	2.2	1.1	0.4	0.0	0.0	0.0	0.0	0.0
47.5°	59.2	27.9	5.8	1.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0
50°	86.4	37.8	5.6	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	110.2	39.8	3.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	112.9	27.4	2.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	90.0	17.8	2.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	68.2	13.5	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	65.5	12.1	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	72.2	10.6	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	117.4	8.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	204.1	7.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	257.8	7.2	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	224.8	6.5	1.3	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
75°	135.2	5.6	1.3	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	70.9	4.3	1.3	1.1	0.7	0.2	0.0	0.0	0.0	0.0	0.0
80°	34.4	3.8	1.6	1.1	0.9	0.4	0.0	0.0	0.0	0.0	0.0
82.5°	13.5	3.1	1.8	1.6	1.1	0.7	0.2	0.0	0.0	0.0	0.0
85°	6.1	2.7	2.0	1.8	1.6	0.9	0.2	0.0	0.0	0.0	0.0
87.5°	3.1	2.5	2.2	2.0	1.6	1.1	0.4	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: SP1-2407-184-10

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

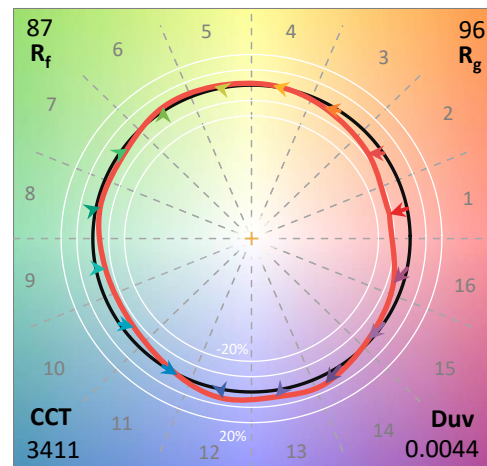
Test Information

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
 Rf: 86.6
 Rg: 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

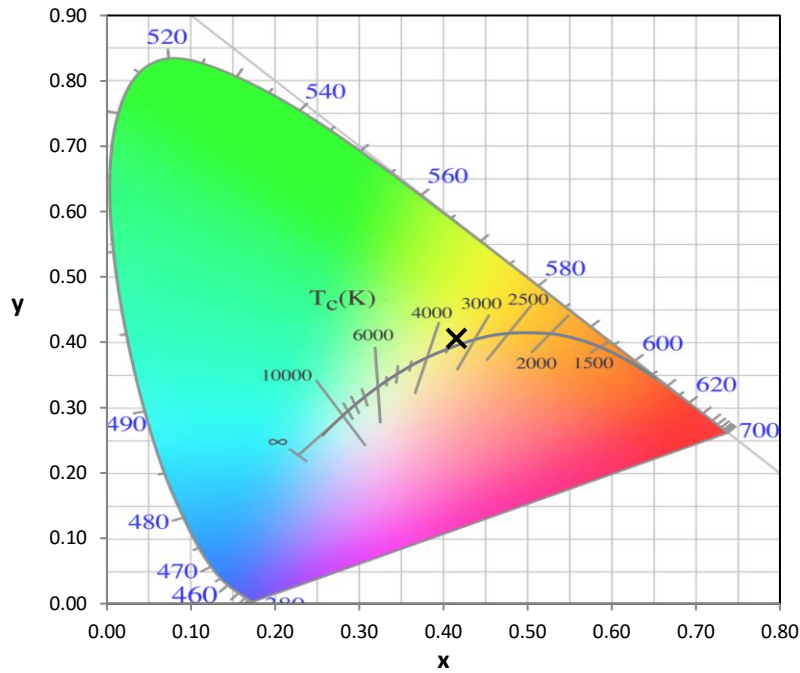
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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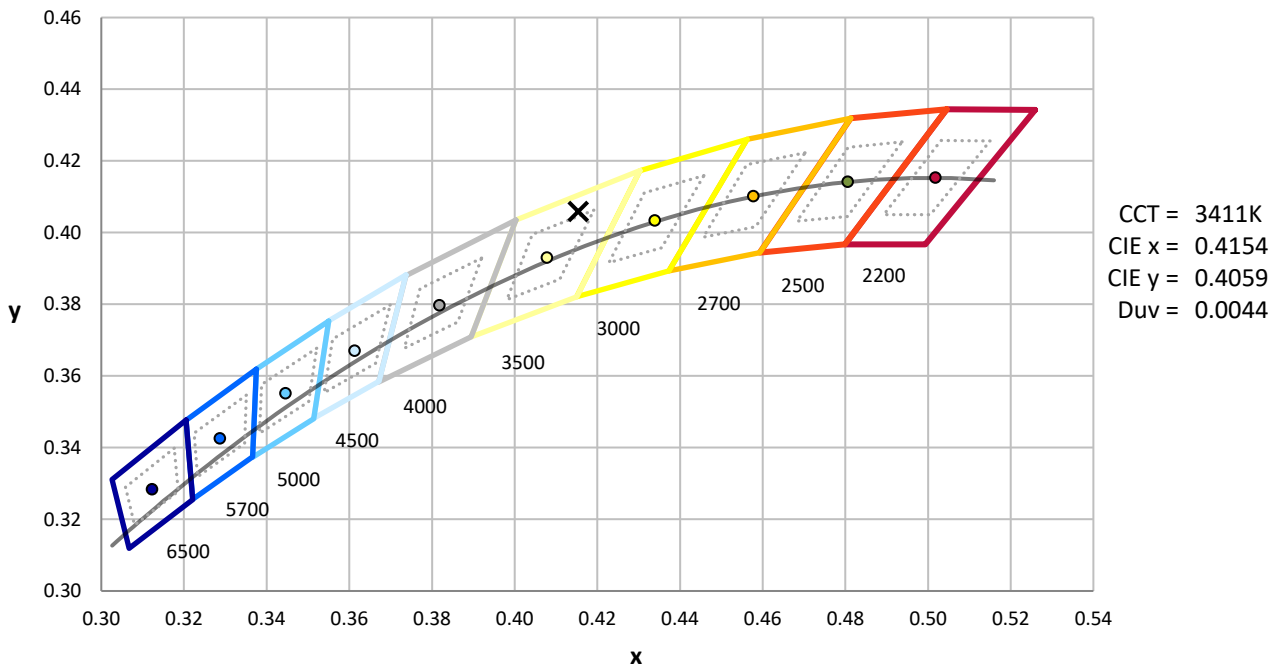
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



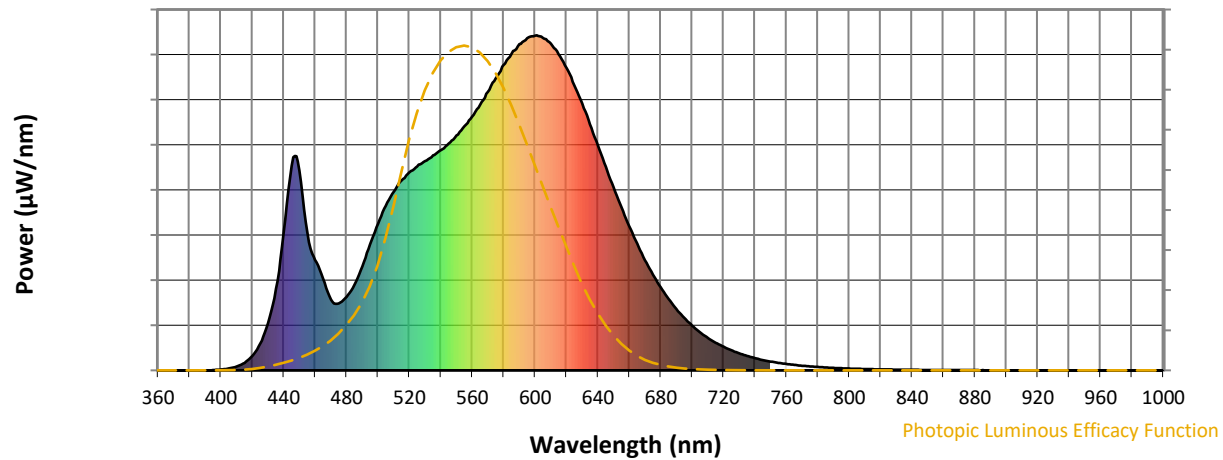
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

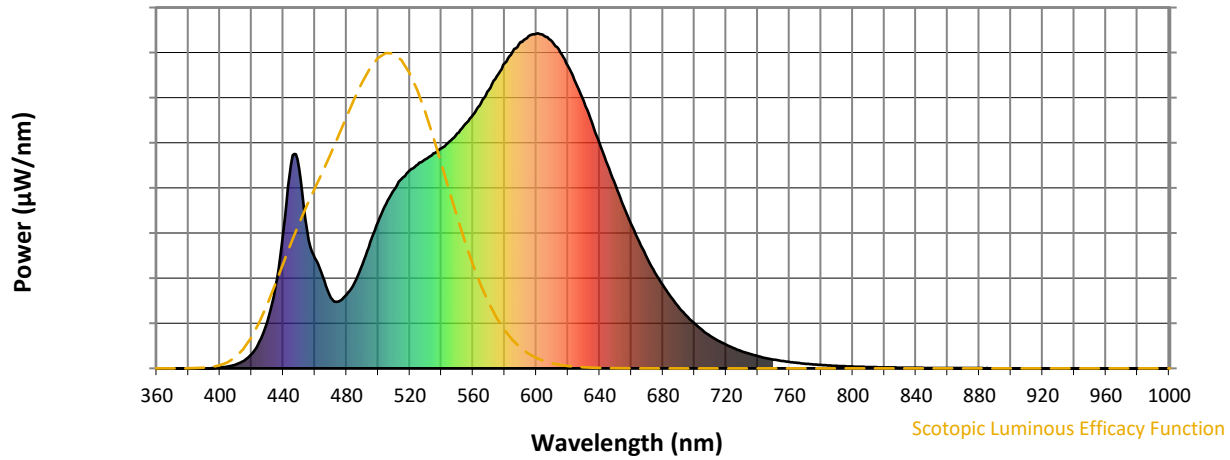


Photopic Lumens: NR

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



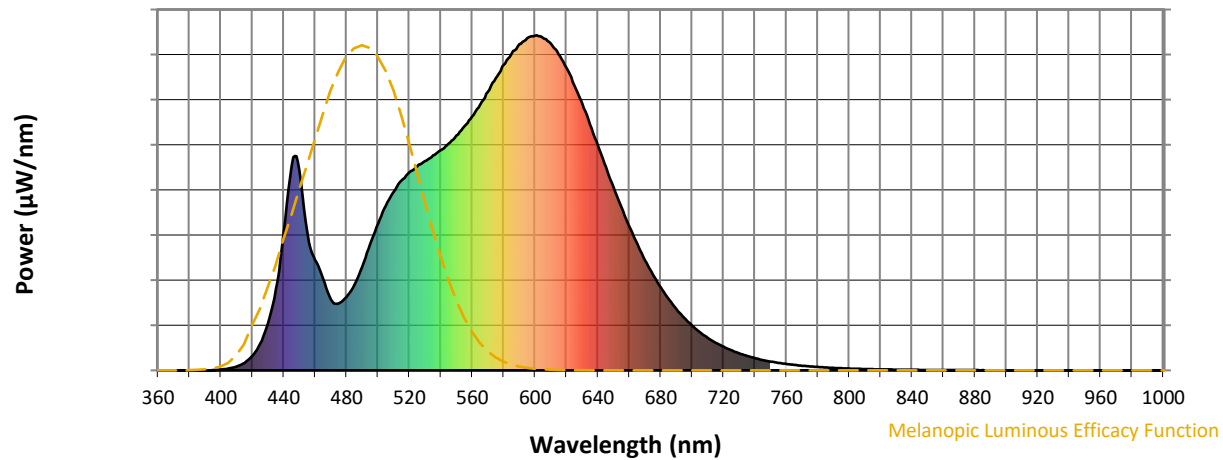
Scotopic Lumens: NR

S/P: 1.48

λ (nm)	Power W [^] /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	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

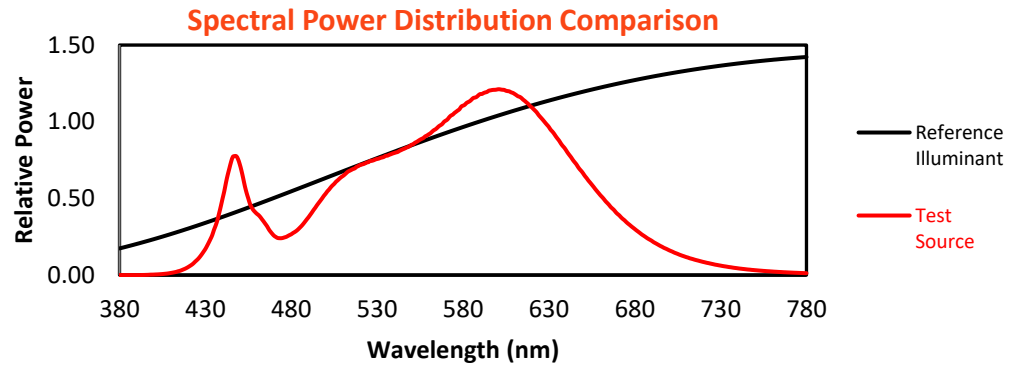
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	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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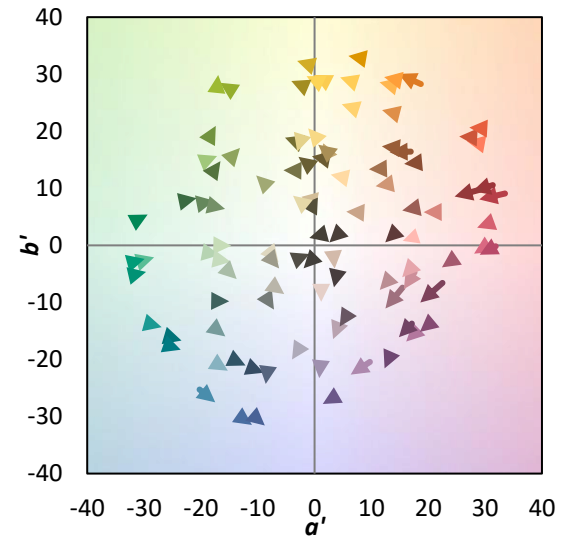
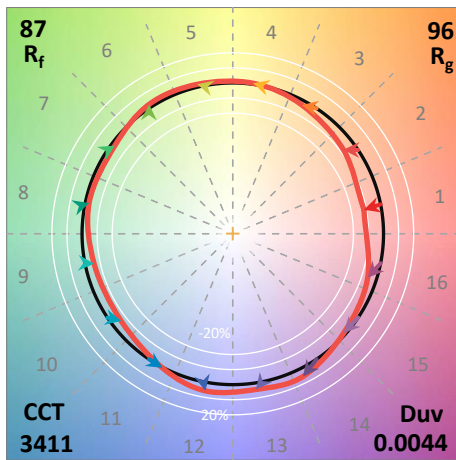
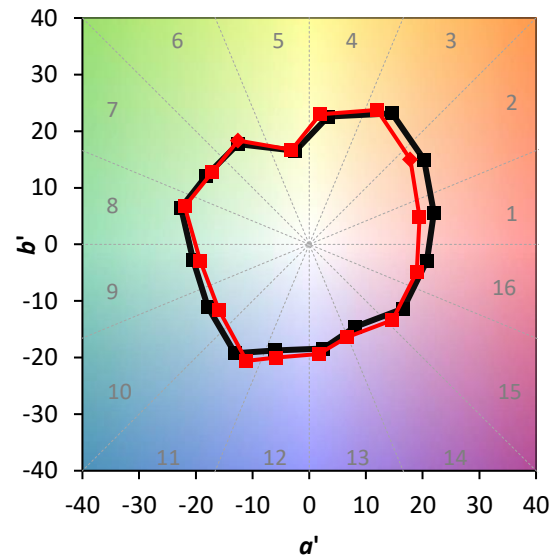
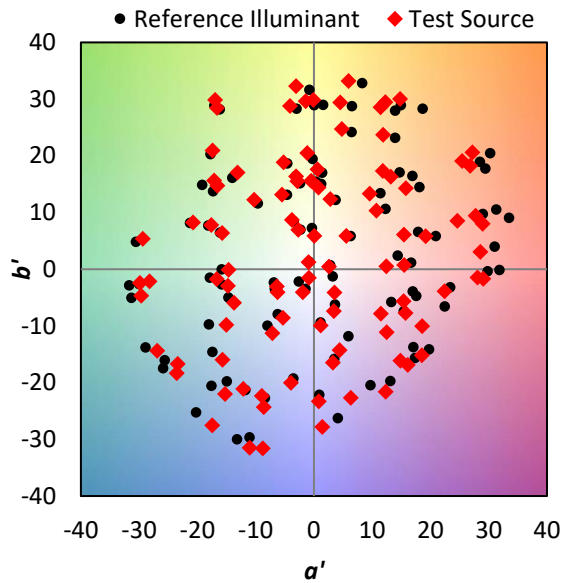
TM-30-18

Summary

$R_f = 86.6$
 $R_g = 95.9$
 $\text{CIE } R_a = 83.5$
 $R_9 = 6.3$

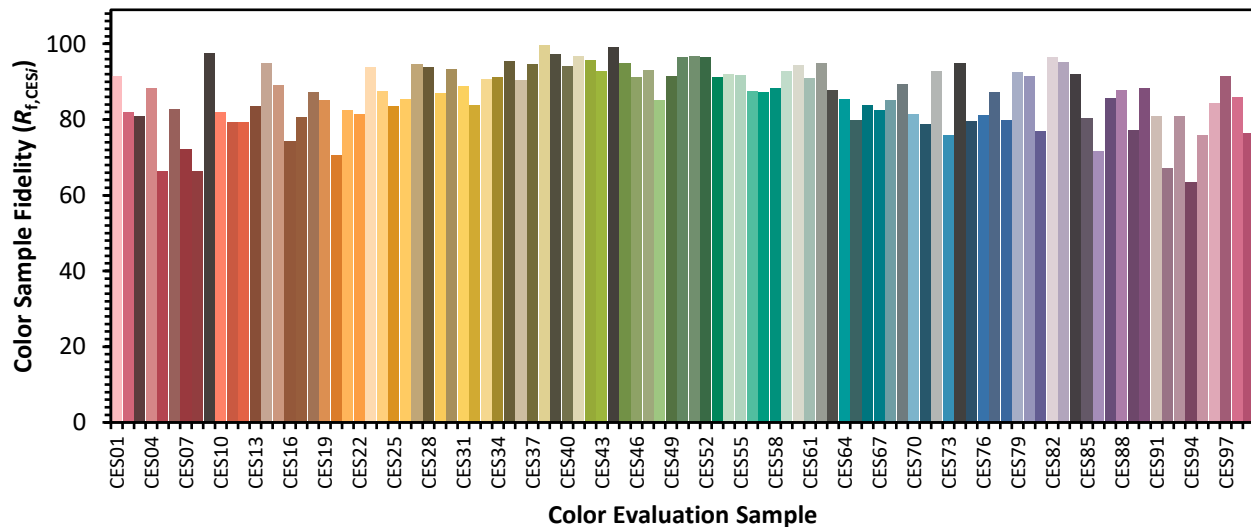


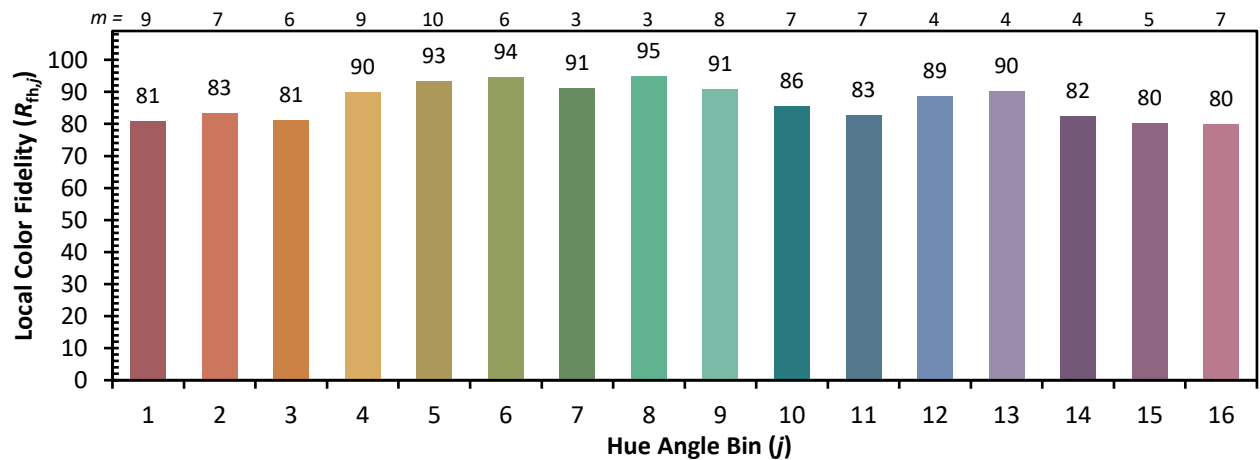
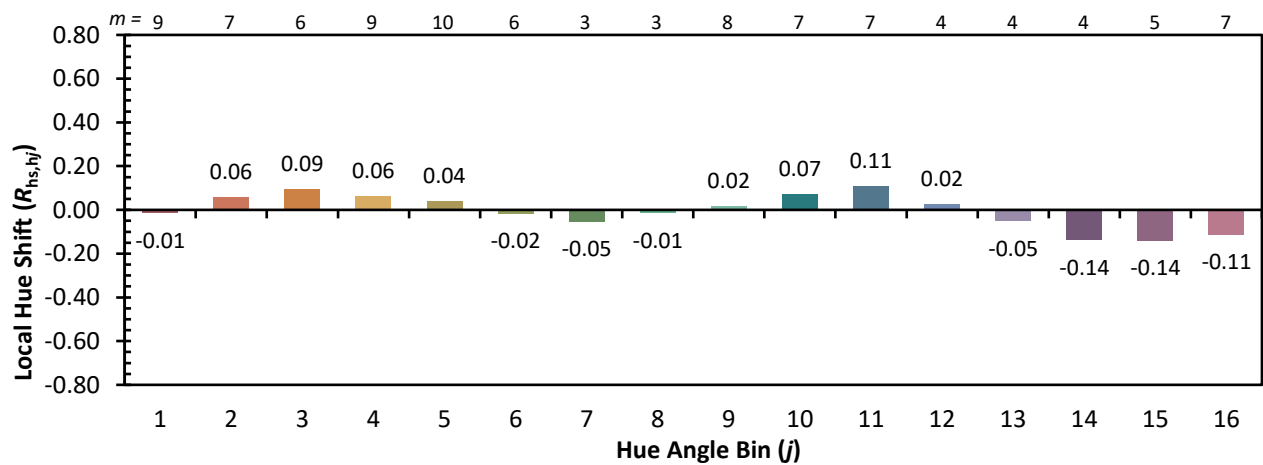
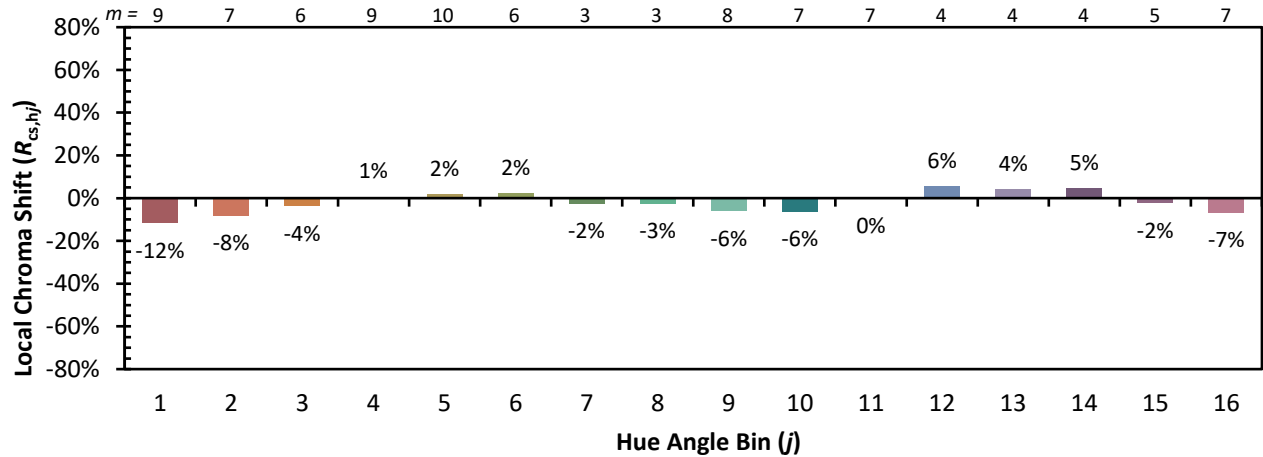
Color Vector Graphics



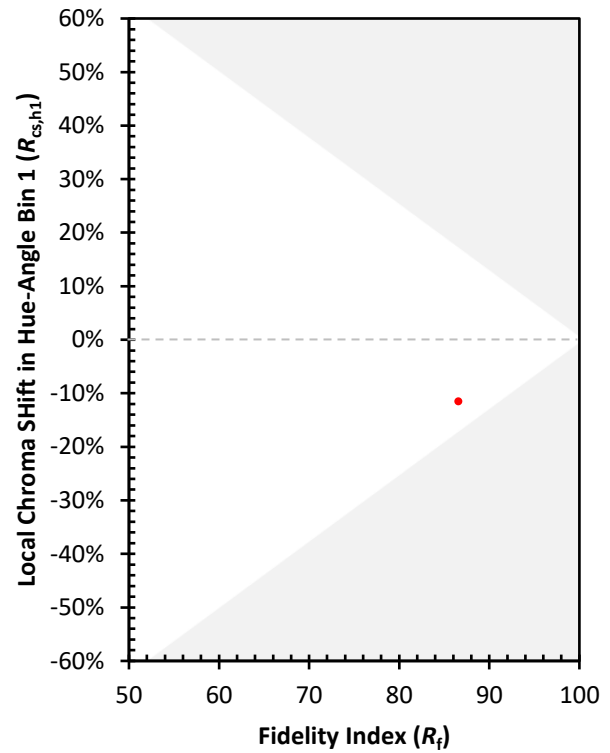
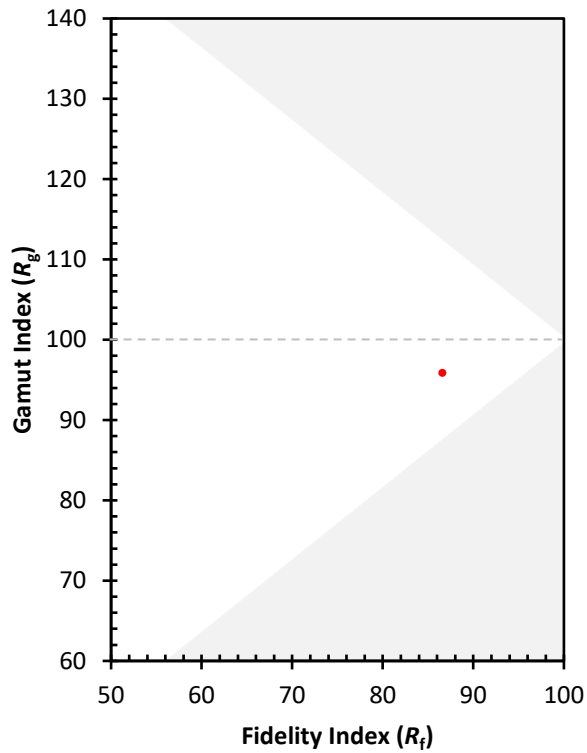
Individual Sample Fidelity Index ($R_{f,i}$)

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)