

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: P1064206

Luminaire Tested: **GLAN-SA3B-835-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1064206
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA3B-835-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (42) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12810.4 lumens
Efficiency: N/A
Efficacy: 120.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 106.2
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

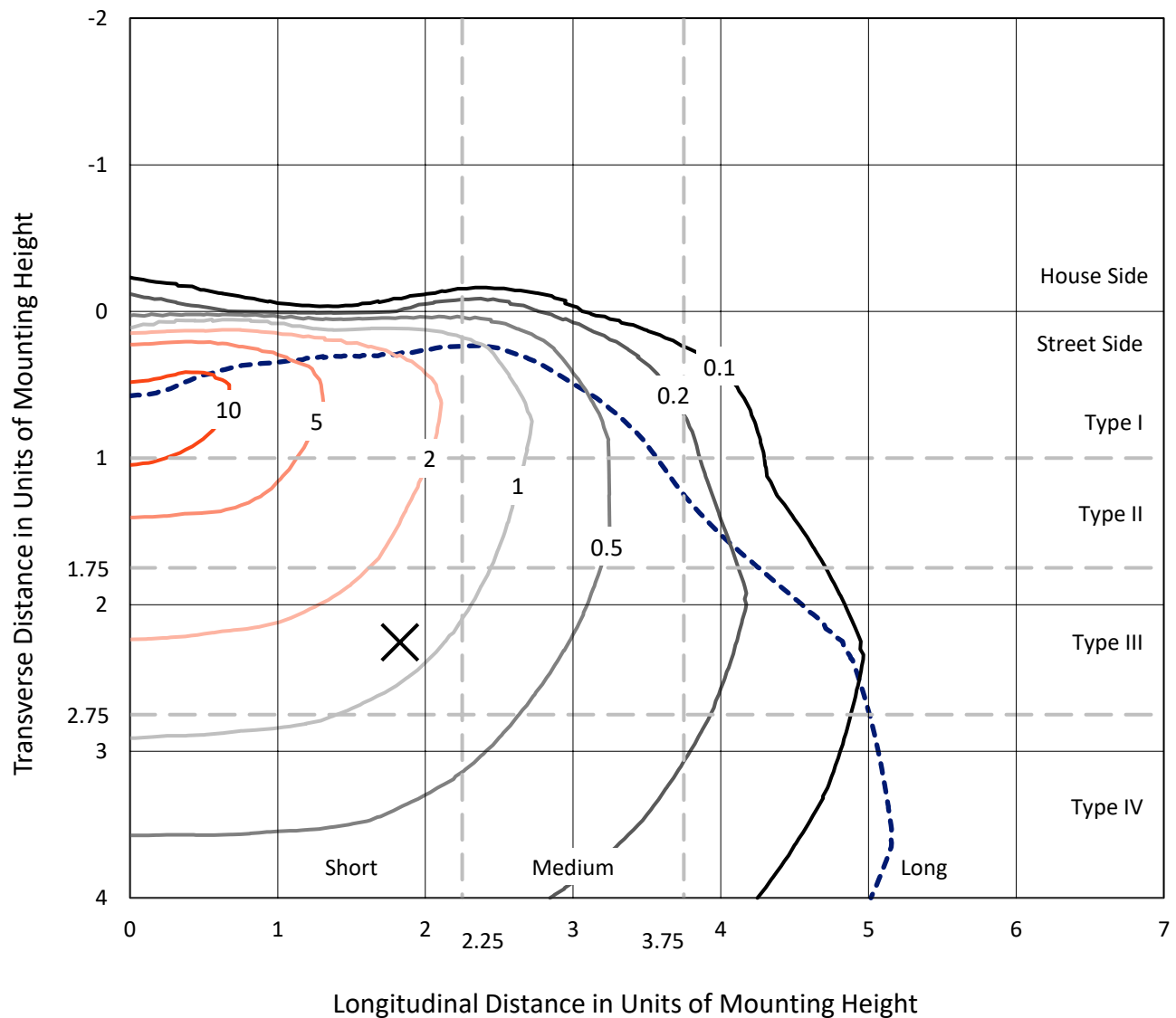


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

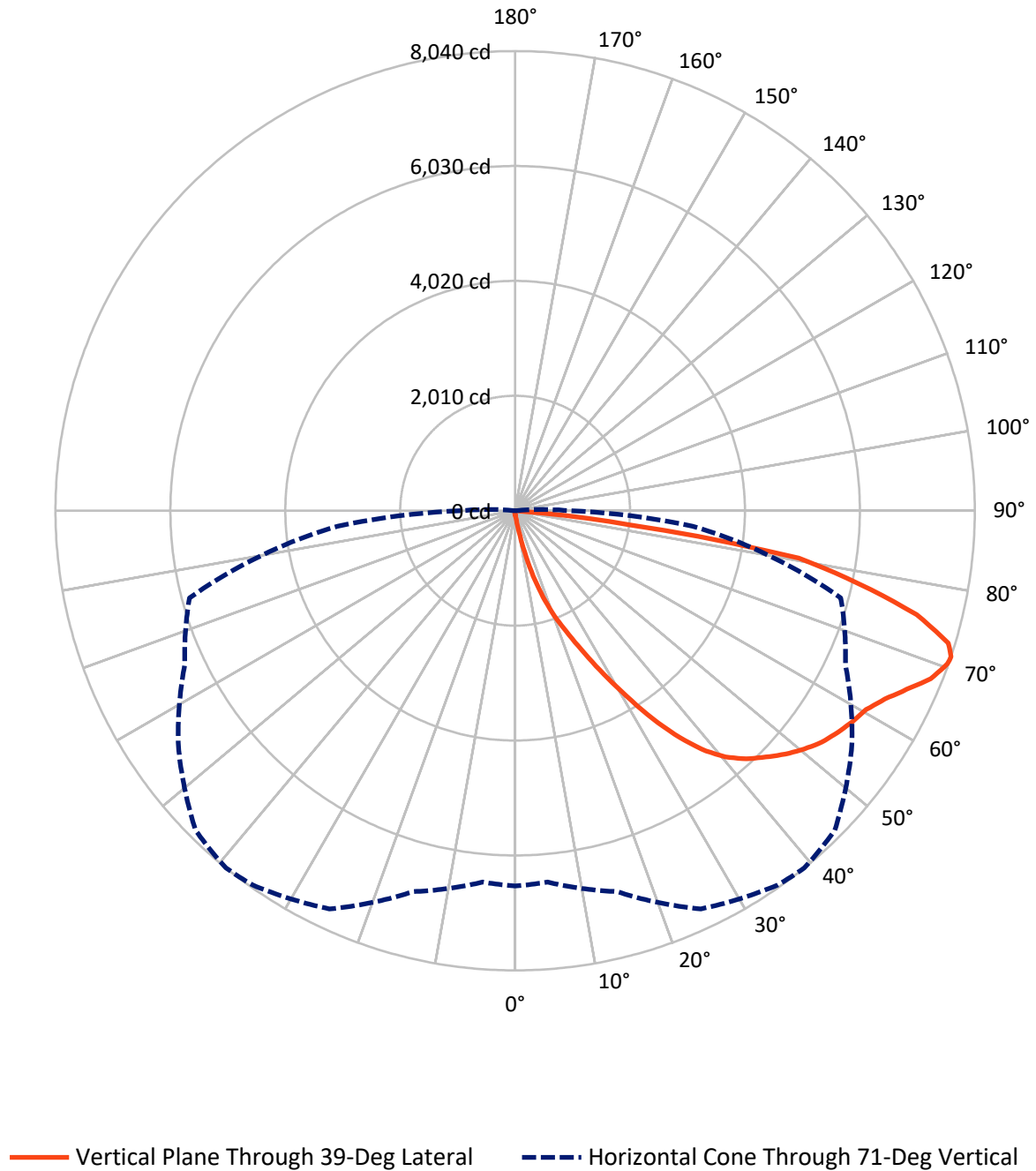


Based on 15 foot mounting height. Maximum calculated value = 13.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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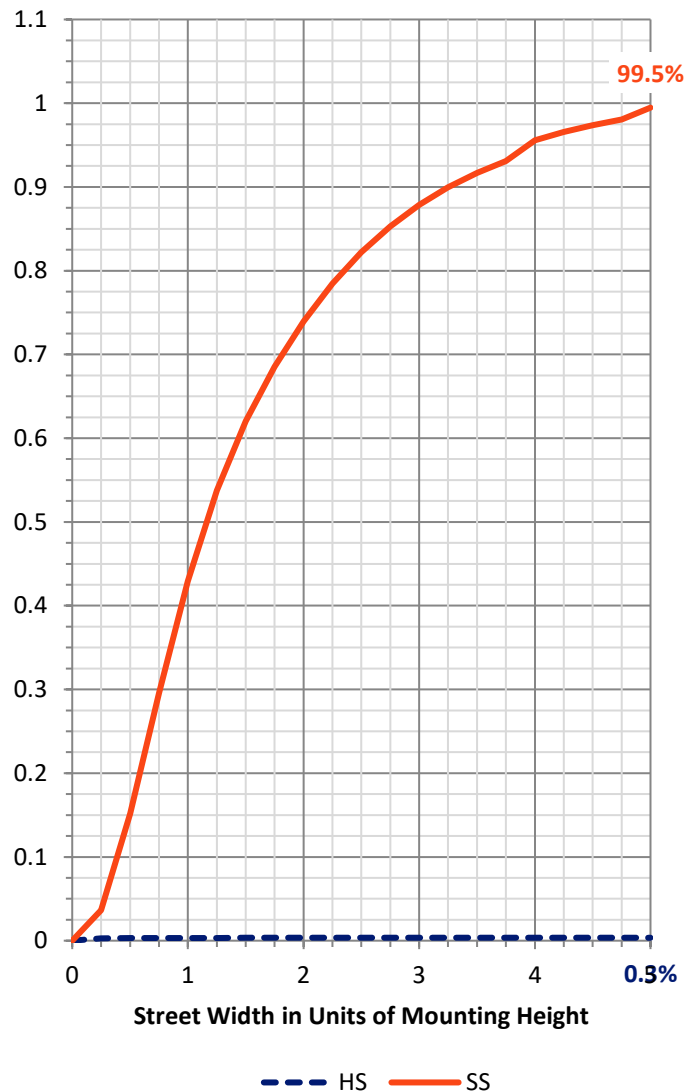
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	45.5	0.0	45.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	12764.9	0.0	12764.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	12810.4	0.0	12810.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.7	0.1
10°-20°	136.9	1.1
20°-30°	487.6	3.8
30°-40°	1175.2	9.2
40°-50°	1966.7	15.4
50°-60°	2526.0	19.7
60°-70°	3196.7	25.0
70°-80°	2850.0	22.2
80°-90°	460.7	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°	12810.4	100.0
0°-180°	12810.4	100.0



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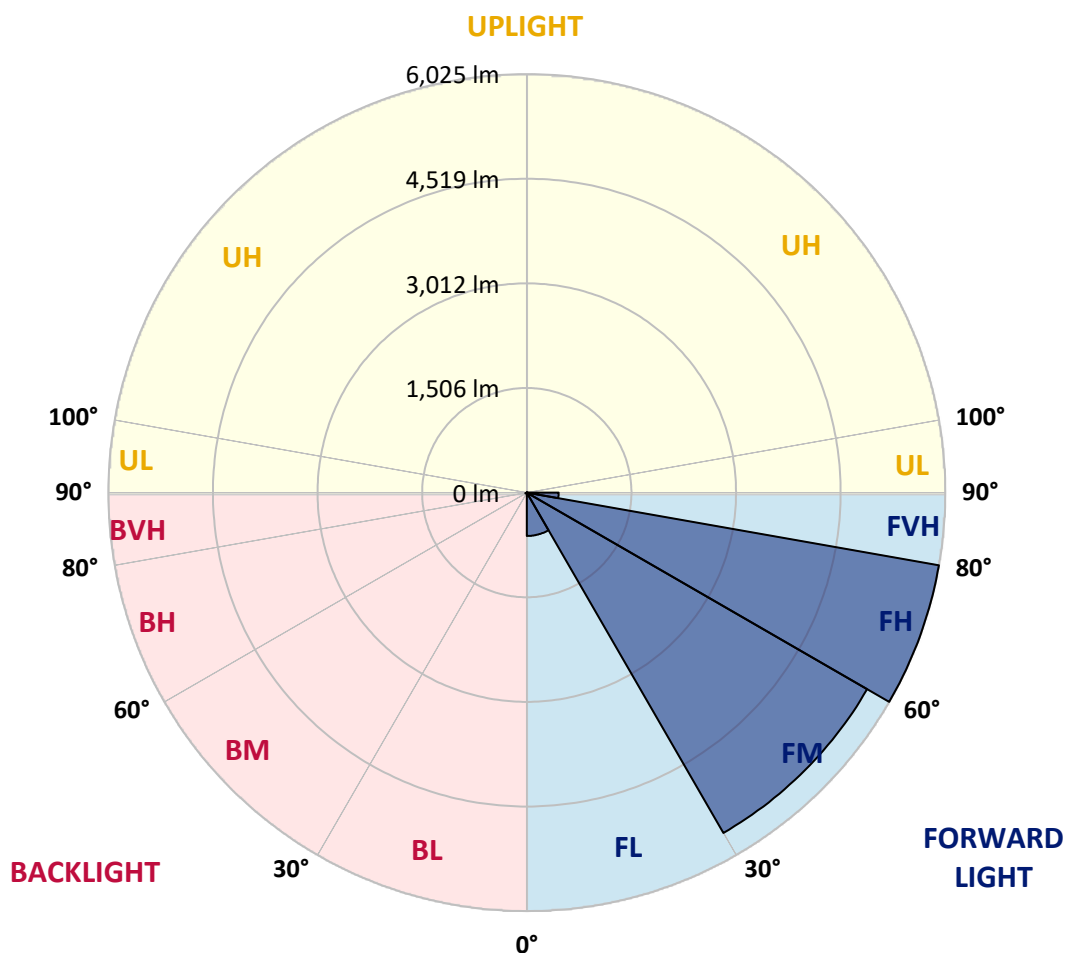
CATALOG NUMBER: GLAN-SA3B-835-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	624.2	4.9			
FM	(30°-60°)	5657.3	44.2			
FH	(60°-80°)	6024.8	47.0			G3/7500
FVH	(80°-90°)	458.6	3.6			G3/500
BL	(0°-30°)	11.0	0.1	B0/110		
BM	(30°-60°)	10.5	0.1	B0/220		
BH	(60°-80°)	21.9	0.2	B0/110		G0/110
BVH	(80°-90°)	2.1	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-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
2.5°	80.6	80.6	80.6	78.0	78.0	77.2	76.3	76.3	74.6	73.7	72.0
5°	122.3	119.7	113.6	110.1	103.2	98.9	94.5	88.5	82.4	78.0	72.8
7.5°	276.6	282.7	262.8	225.5	187.3	170.8	143.1	115.3	95.4	82.4	73.7
10°	705.0	701.6	633.9	559.3	431.9	380.7	298.3	188.2	123.1	90.2	74.6
12.5°	1199.3	1195.9	1116.1	1014.6	846.4	739.7	583.6	351.2	176.9	102.3	74.6
15°	1614.7	1600.8	1575.7	1475.1	1278.2	1188.9	982.5	620.9	286.2	123.1	76.3
17.5°	1889.6	1877.5	1854.1	1817.6	1692.8	1587.0	1421.3	975.6	463.1	159.6	79.8
20°	2142.0	2133.3	2114.2	2107.3	2026.6	1970.3	1833.3	1383.2	721.5	216.8	85.0
22.5°	2488.9	2470.6	2478.5	2436.8	2357.9	2290.3	2206.2	1809.8	1037.2	312.2	94.5
25°	2913.8	2905.1	2883.4	2853.9	2744.7	2685.7	2556.5	2212.2	1390.1	437.1	104.9
27.5°	3427.2	3417.6	3412.4	3344.8	3219.0	3154.9	2974.5	2592.1	1787.3	612.2	118.8
30°	4018.6	4022.9	3989.1	3902.4	3755.8	3665.6	3480.1	2990.1	2194.0	817.8	133.5
32.5°	4630.8	4622.2	4570.1	4467.8	4336.9	4252.7	4016.9	3426.3	2620.7	1089.2	150.9
35°	5290.8	5274.3	5137.3	5020.2	4908.3	4802.5	4587.5	3932.7	3047.3	1393.6	174.3
37.5°	5956.8	5879.6	5604.7	5456.4	5379.2	5292.5	5092.2	4473.0	3471.4	1733.5	202.9
40°	6459.8	6399.9	6073.9	5800.7	5739.1	5665.4	5516.2	4939.6	3922.3	2098.6	237.6
42.5°	6738.1	6705.2	6412.1	6142.4	5997.5	5932.5	5805.0	5347.1	4368.1	2501.9	287.9
45°	6856.9	6805.8	6609.8	6484.0	6253.4	6145.8	5994.1	5655.0	4833.8	2959.7	358.2
47.5°	6820.5	6791.0	6650.5	6696.5	6529.1	6361.8	6138.9	5890.9	5231.8	3485.3	454.4
50°	6591.6	6566.4	6523.1	6771.9	6751.1	6553.4	6326.2	6077.3	5557.0	4027.3	603.6
52.5°	6156.2	6145.8	6256.8	6713.0	6876.9	6722.5	6506.6	6242.1	5860.5	4593.5	816.9
55°	5595.2	5637.7	5955.0	6621.1	6941.1	6847.4	6666.2	6396.5	6104.2	5100.0	1131.7
57.5°	5364.5	5375.8	5772.1	6556.0	6969.7	6957.5	6821.4	6543.9	6327.9	5505.0	1612.1
60°	5634.2	5616.8	5825.8	6605.4	7026.9	7056.4	6959.3	6680.9	6522.2	5852.7	2252.1
62.5°	6121.6	6112.0	6178.8	6816.2	7194.3	7254.1	7150.9	6779.8	6693.9	6081.7	2982.3
65°	6556.9	6536.9	6660.9	7189.9	7488.3	7530.7	7440.6	6948.9	6769.3	6248.2	3668.2
67.5°	6745.1	6740.7	6940.2	7545.5	7797.0	7842.9	7764.0	7182.1	6752.0	6301.1	3970.9
70°	6659.2	6642.7	6961.9	7696.4	7971.3	8023.3	7947.0	7268.9	6563.8	6133.7	3522.6
71°	6564.7	6520.5	6896.8	7686.0	7995.6	8039.8	7906.2	7189.9	6374.8	5896.1	3115.8
72.5°	6271.6	6279.4	6718.2	7577.6	7937.5	7924.5	7675.6	6907.2	6146.7	5356.7	2502.7
75°	5550.1	5596.0	6139.8	7122.3	7418.9	7253.2	6872.5	6367.0	5688.8	3840.8	1737.9
77.5°	4535.4	4604.0	5201.5	6246.4	6162.3	6145.8	6130.2	5609.9	4858.0	2063.1	1208.9
80°	2165.4	2313.7	3137.5	4459.1	4844.2	5030.6	4913.5	4520.7	3756.7	982.5	722.4
82.5°	141.4	139.6	197.7	374.6	1579.2	2041.4	3243.3	3231.2	2618.9	478.7	294.8
85°	66.8	68.5	75.4	85.9	99.7	109.3	150.9	884.5	1253.1	228.1	64.2
87.5°	39.0	39.9	46.8	59.8	78.0	86.7	103.2	132.7	163.0	125.7	13.9
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: GLAN-SA3B-835-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
2.5°	71.1	70.2	67.6	65.0	62.4	60.7	59.8	60.7	60.7	61.6	61.6
5°	71.1	68.5	64.2	59.0	55.5	52.0	50.3	49.4	50.3	50.3	50.3
7.5°	70.2	65.9	59.8	53.8	49.4	45.1	43.4	42.5	42.5	43.4	43.4
10°	68.5	64.2	56.4	49.4	44.2	39.0	36.4	33.8	33.8	33.8	34.7
12.5°	67.6	61.6	52.0	45.1	38.2	32.1	26.9	24.3	25.1	25.1	25.1
15°	65.9	59.0	49.4	40.8	32.1	24.3	19.9	17.3	18.2	19.1	18.2
17.5°	65.9	58.1	46.0	35.6	25.1	18.2	14.7	13.0	13.0	13.9	13.9
20°	65.9	56.4	43.4	30.4	19.1	13.9	10.4	9.5	9.5	11.3	12.1
22.5°	67.6	56.4	39.9	25.1	15.6	10.4	7.8	6.9	7.8	9.5	10.4
25°	70.2	55.5	36.4	22.5	13.0	7.8	6.1	4.3	5.2	6.9	7.8
27.5°	72.8	54.6	33.0	19.9	10.4	6.1	4.3	3.5	2.6	3.5	3.5
30°	75.4	54.6	29.5	16.5	8.7	4.3	2.6	1.7	0.9	0.0	0.0
32.5°	77.2	52.9	26.9	13.0	6.9	3.5	1.7	0.9	0.0	0.0	0.0
35°	78.9	51.2	23.4	10.4	5.2	2.6	0.9	0.0	0.0	0.0	0.0
37.5°	80.6	48.6	19.9	8.7	4.3	1.7	0.0	0.0	0.0	0.0	0.0
40°	82.4	45.1	16.5	7.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	84.1	42.5	13.9	6.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0
45°	88.5	40.8	11.3	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	96.3	39.0	10.4	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	107.5	37.3	9.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	123.1	36.4	8.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	150.9	35.6	7.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	198.6	34.7	7.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	304.4	33.0	7.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	543.7	32.1	6.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	947.8	33.0	6.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1358.9	34.7	6.1	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	1162.9	30.4	6.1	3.5	1.7	0.9	0.0	0.0	0.0	0.0	0.0
71°	947.8	26.9	6.1	3.5	1.7	0.9	0.9	0.0	0.0	0.0	0.0
72.5°	609.6	20.8	5.2	3.5	1.7	1.7	0.9	0.0	0.0	0.0	0.0
75°	257.6	17.3	5.2	3.5	2.6	1.7	1.7	0.9	0.0	0.0	0.0
77.5°	110.1	13.0	5.2	4.3	3.5	2.6	2.6	1.7	0.9	0.0	0.0
80°	41.6	10.4	6.1	5.2	4.3	4.3	3.5	1.7	0.9	0.0	0.0
82.5°	19.1	8.7	6.1	5.2	5.2	4.3	3.5	2.6	1.7	0.0	0.0
85°	12.1	7.8	6.1	5.2	5.2	4.3	4.3	2.6	1.7	0.0	0.0
87.5°	9.5	7.8	6.1	6.1	5.2	5.2	3.5	2.6	0.9	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

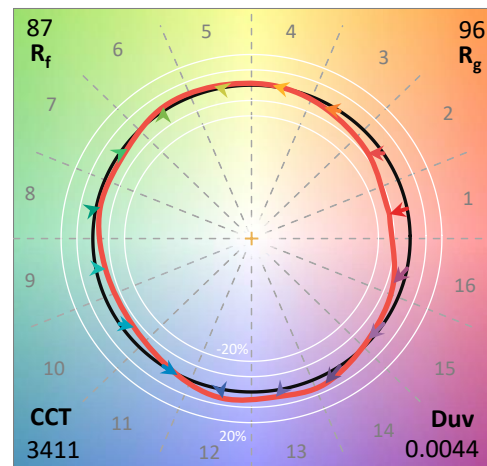
Test Information

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

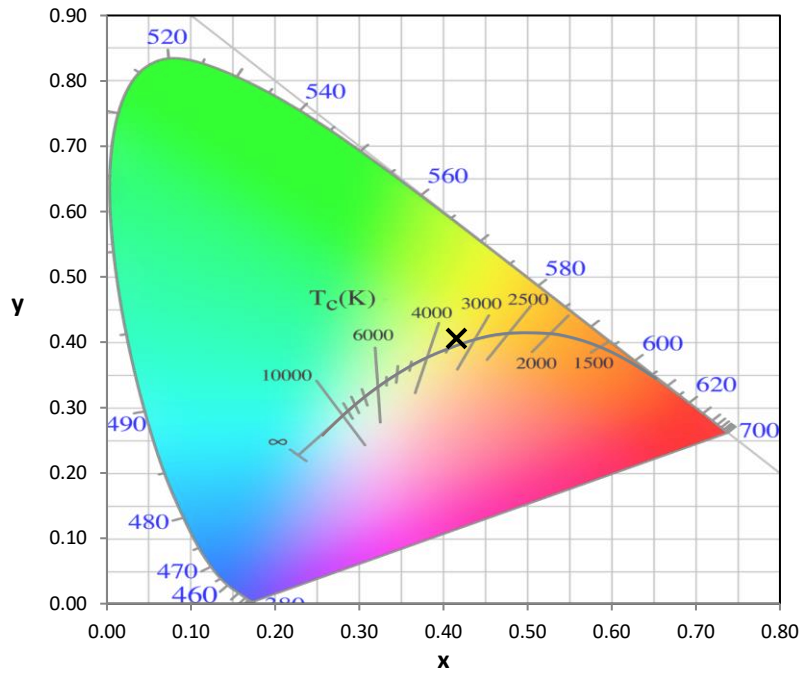
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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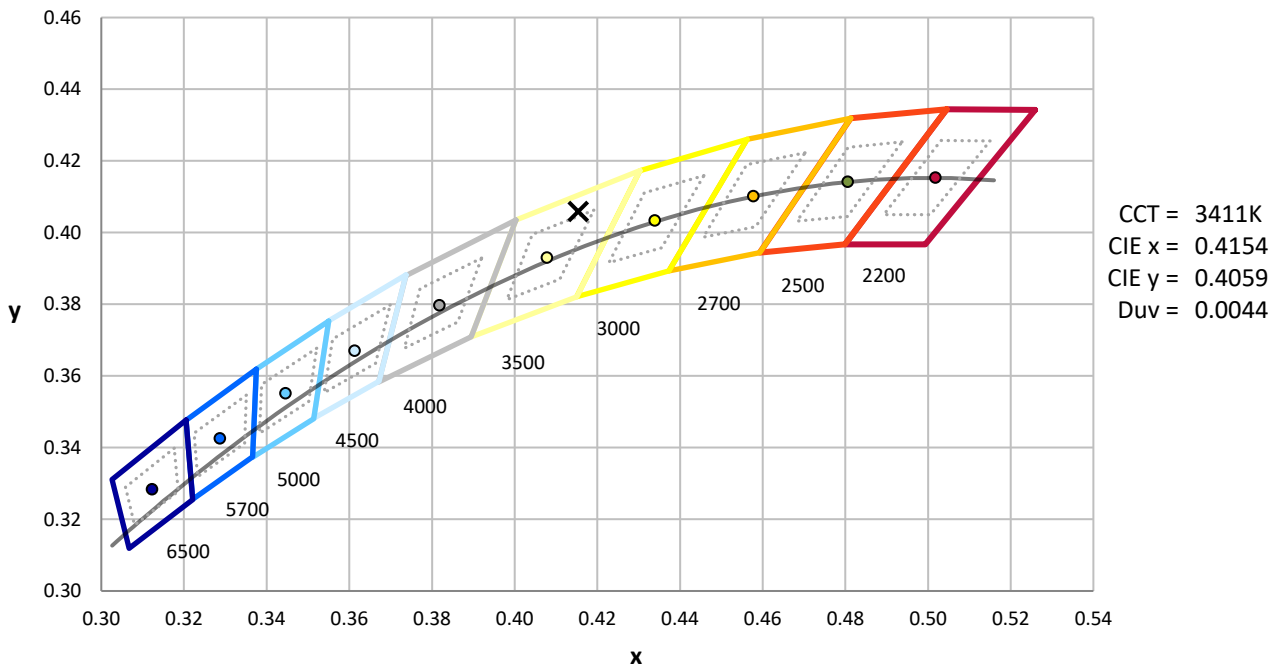
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



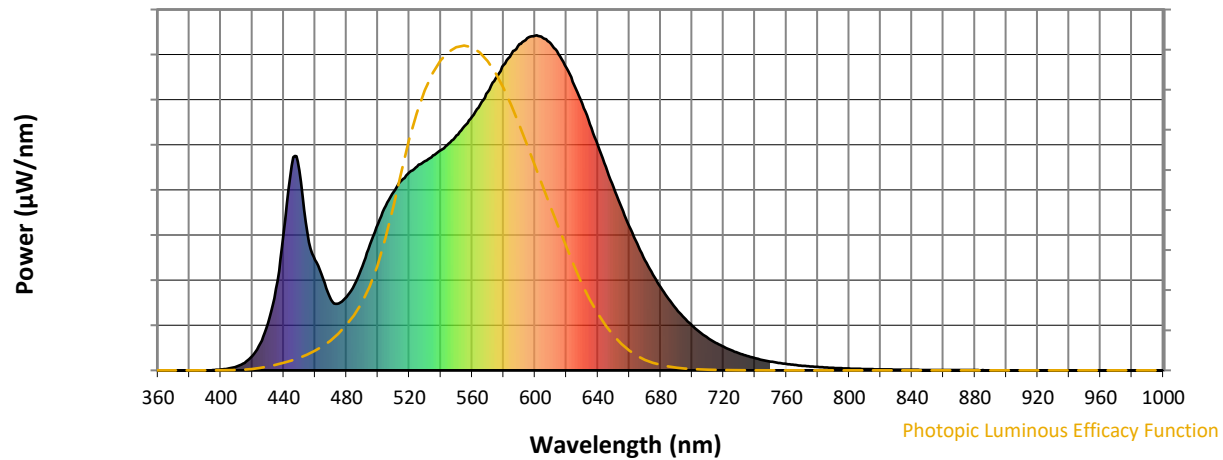
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

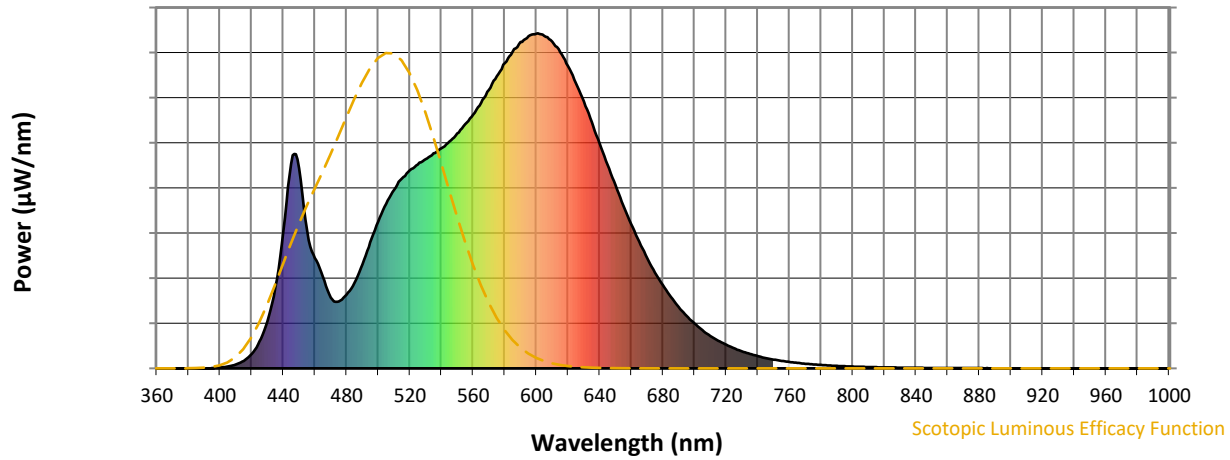


Photopic Lumens: NR

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



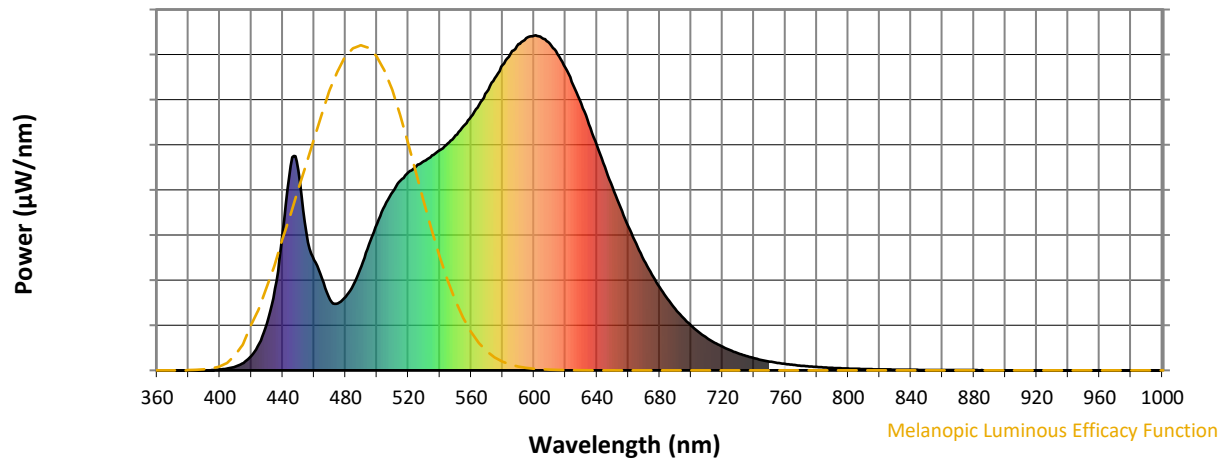
Scotopic Lumens: NR

S/P: 1.48

λ (nm)	Power W [^] /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

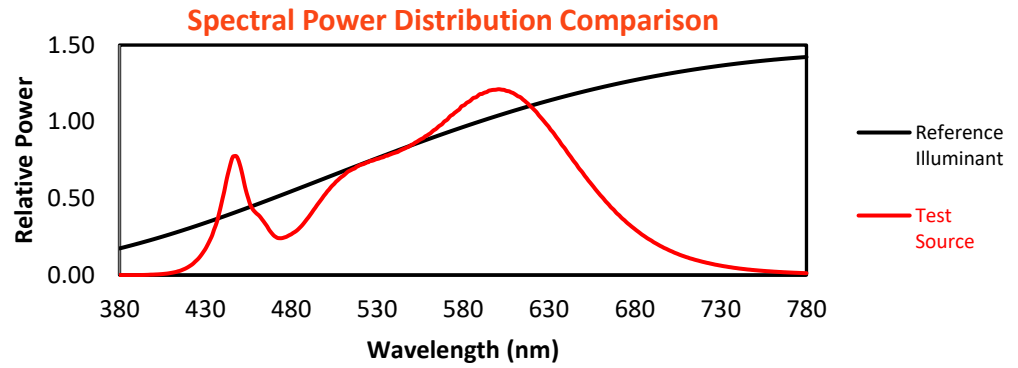
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	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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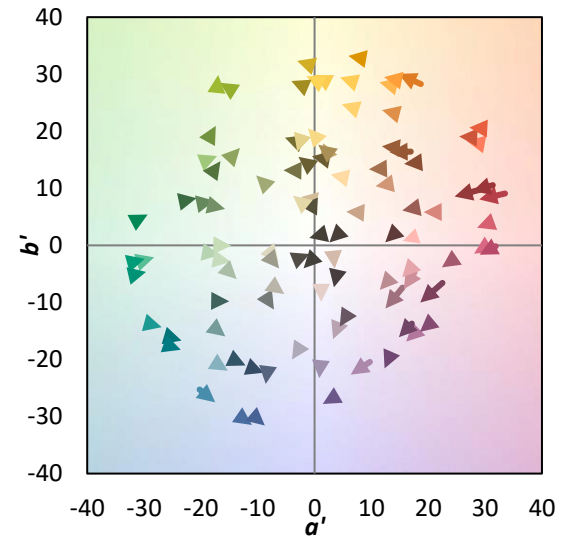
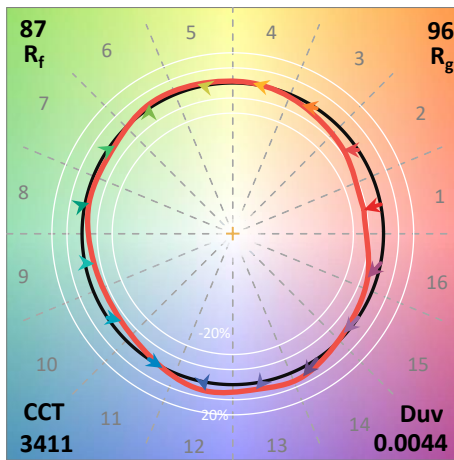
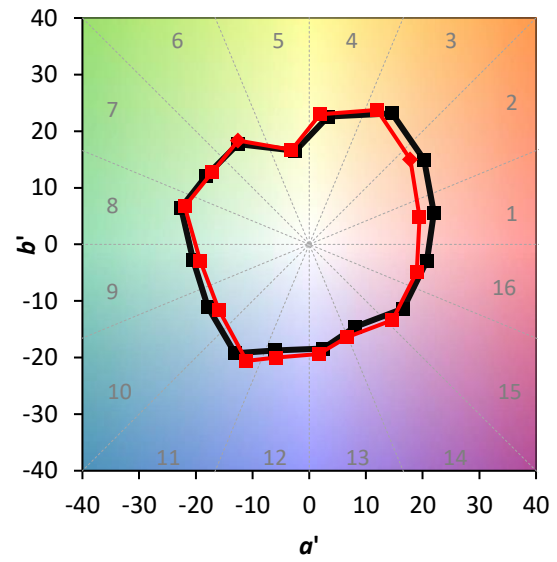
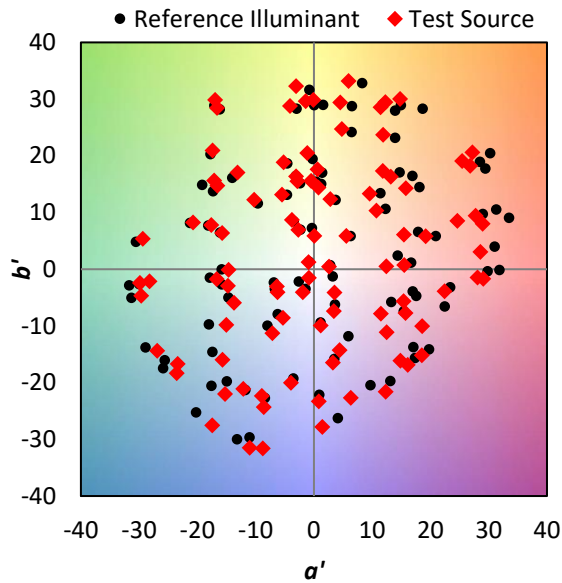
TM-30-18

Summary

$R_f = 86.6$
 $R_g = 95.9$
 $CIE R_a = 83.5$
 $R_9 = 6.3$

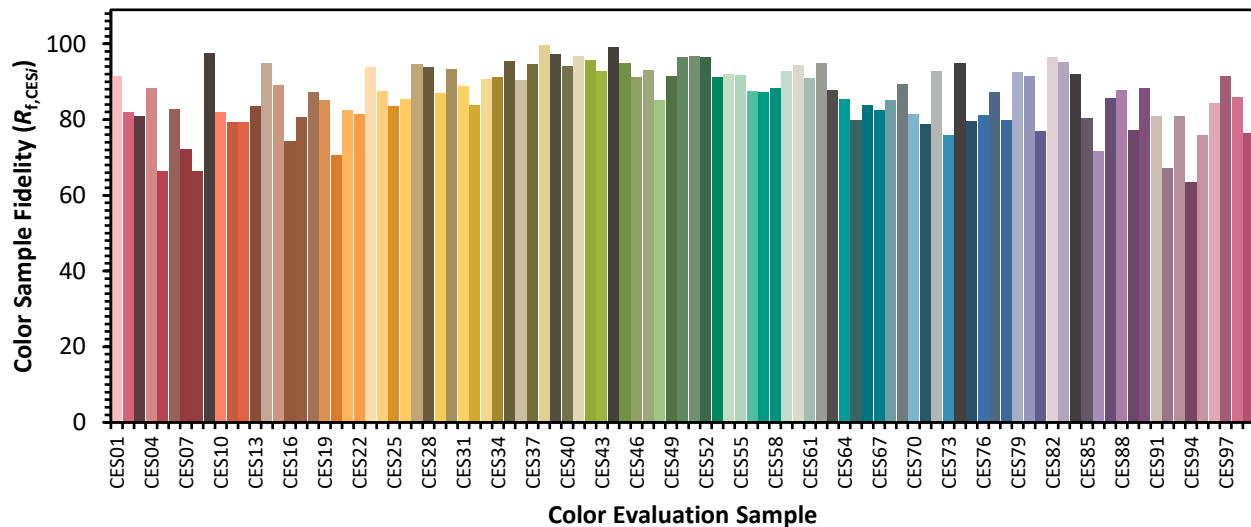


Color Vector Graphics

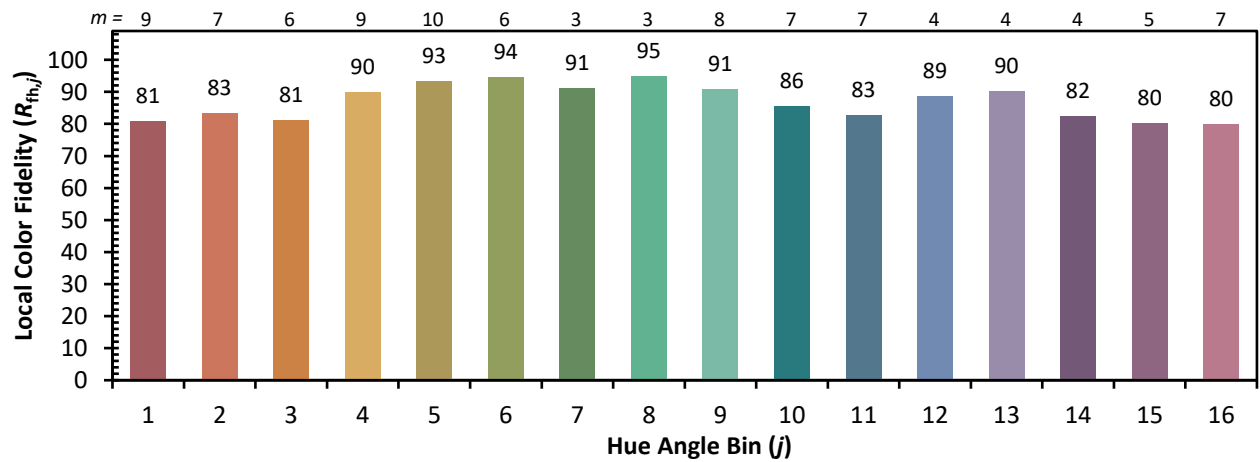
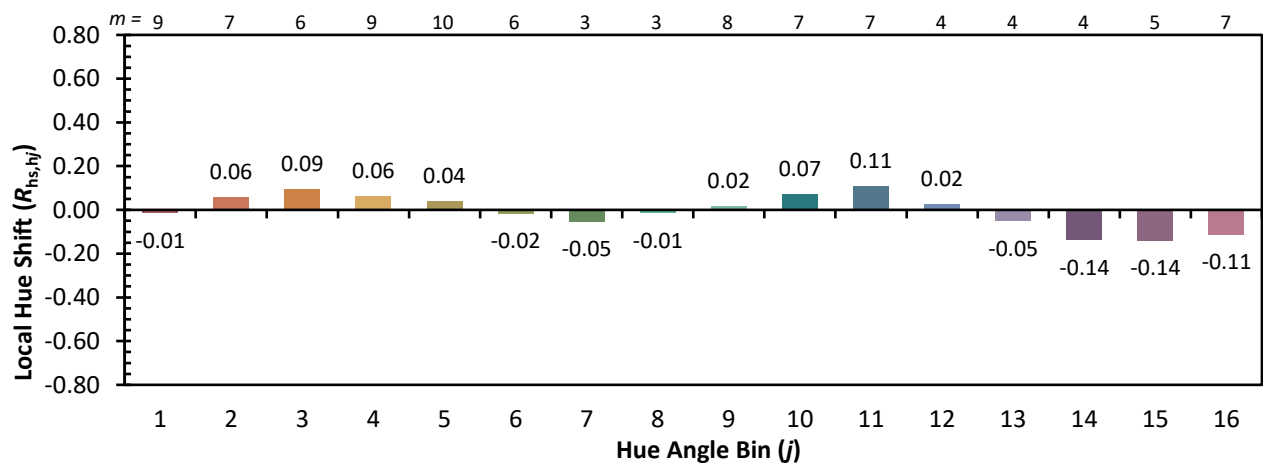
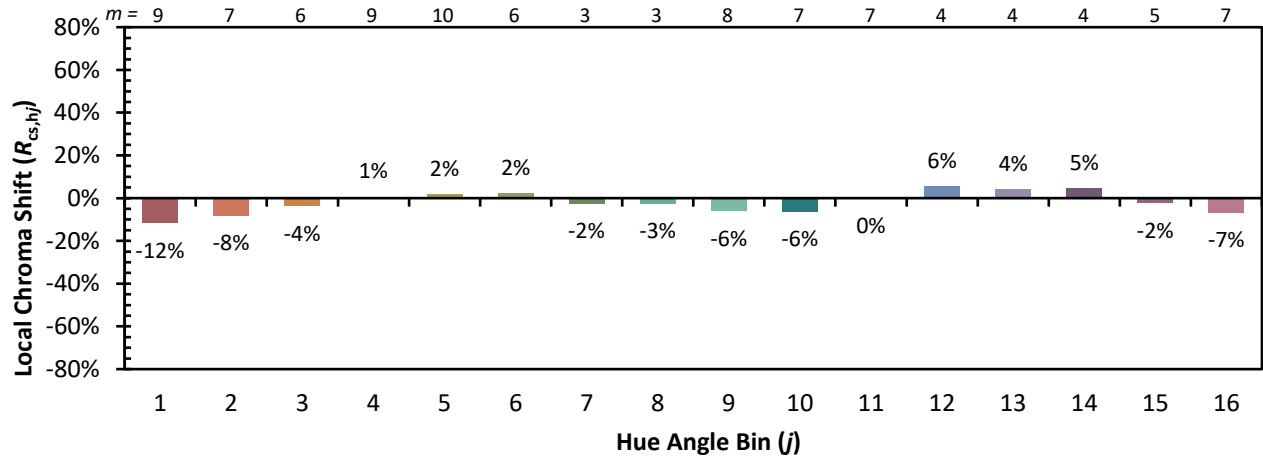


Individual Sample Fidelity Index ($R_{f,i}$)

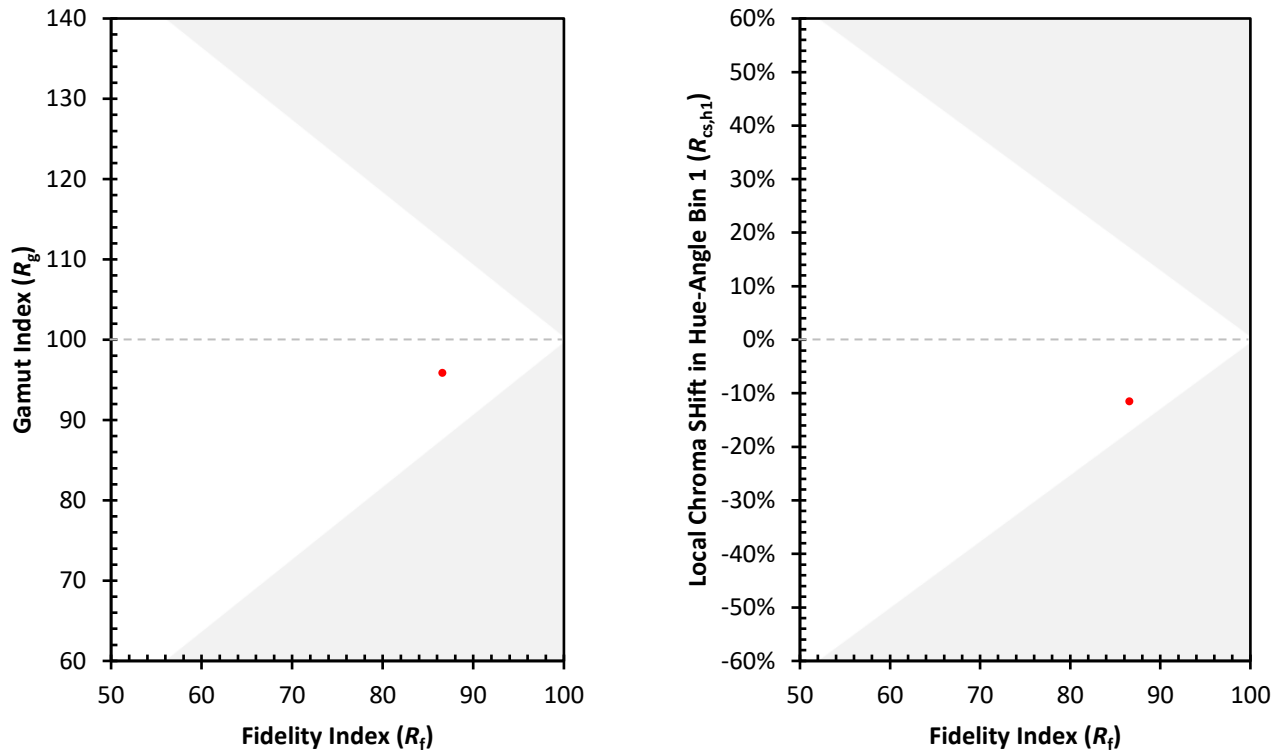
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 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)