

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: P1048583

Luminaire Tested: **GALN-SA6C-835-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048583
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6C-835-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 6xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (84) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 30226.5 lumens
Efficiency: N/A
Efficacy: 107.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 282.5
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

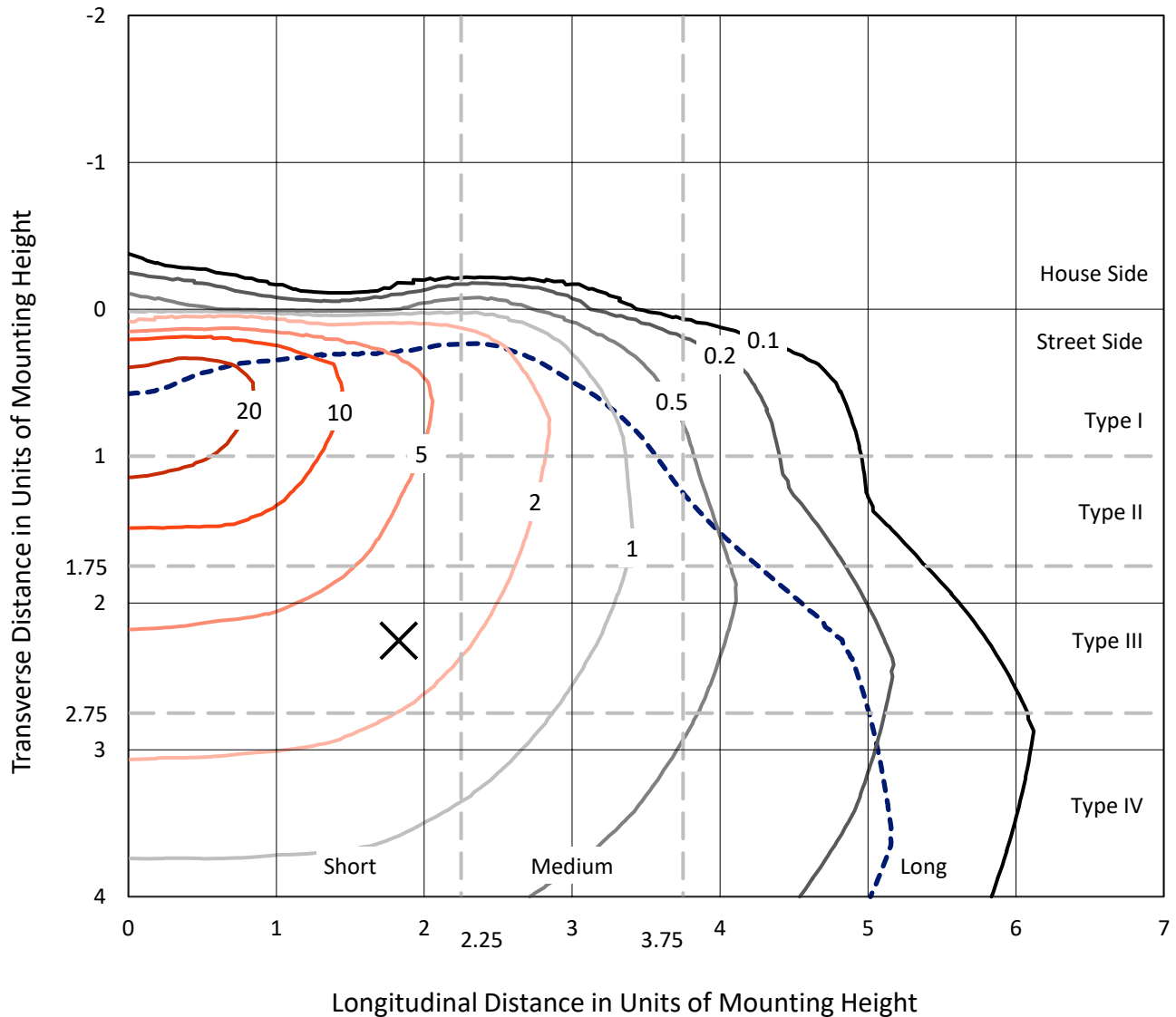


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

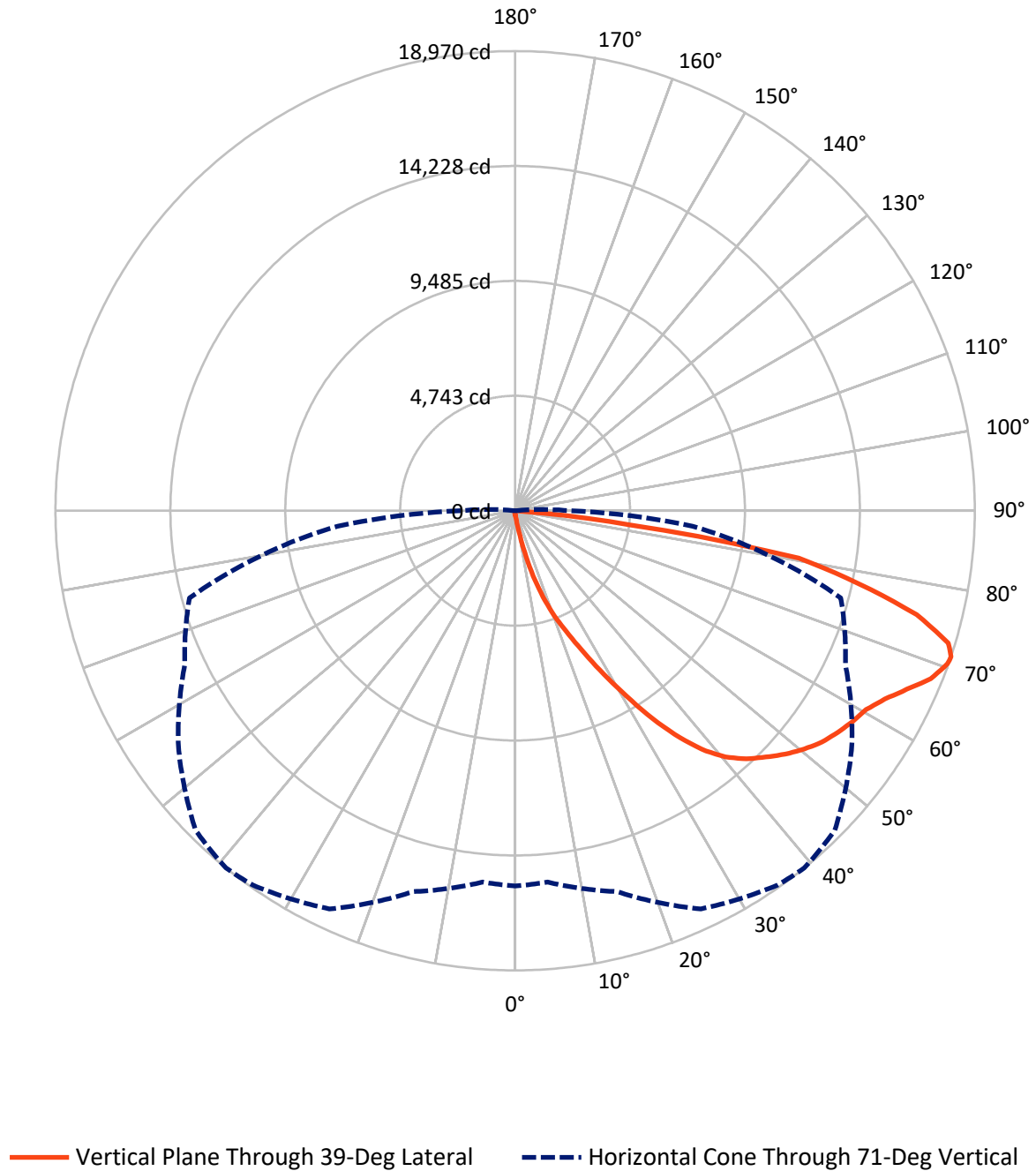


Based on 15 foot mounting height. Maximum calculated value = 31.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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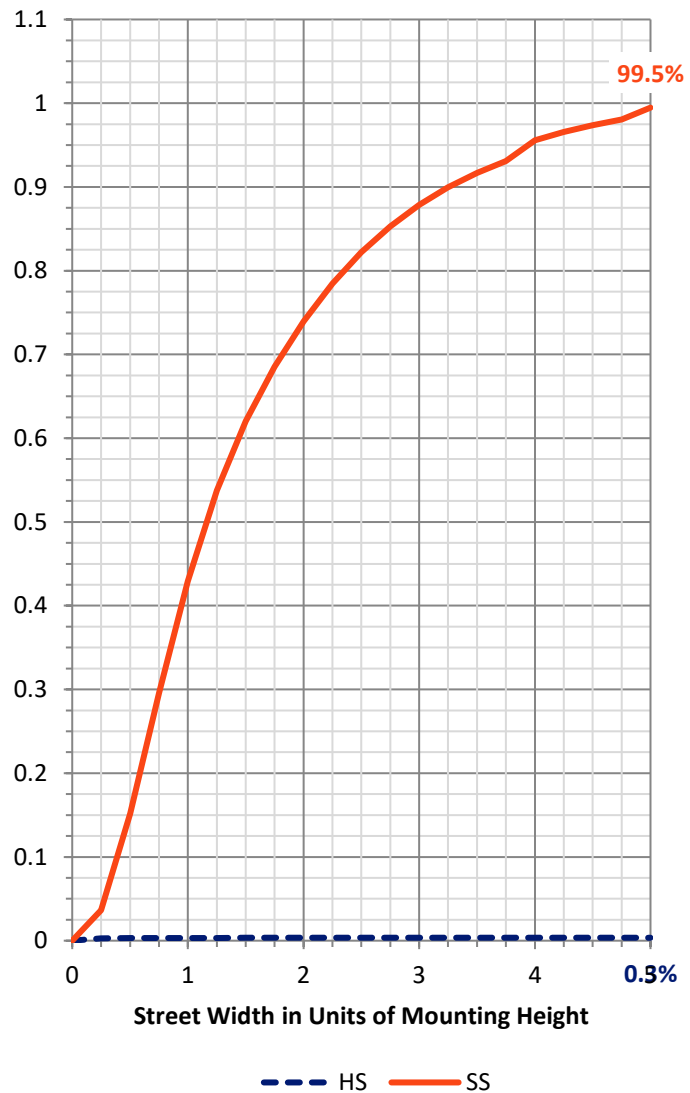
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	107.4	0.0	107.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	30119.1	0.0	30119.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	30226.5	0.0	30226.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.3	0.1
10°-20°	323.1	1.1
20°-30°	1150.5	3.8
30°-40°	2772.8	9.2
40°-50°	4640.5	15.4
50°-60°	5960.2	19.7
60°-70°	7542.6	25.0
70°-80°	6724.6	22.2
80°-90°	1087.0	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°	30226.5	100.0
0°-180°	30226.5	100.0



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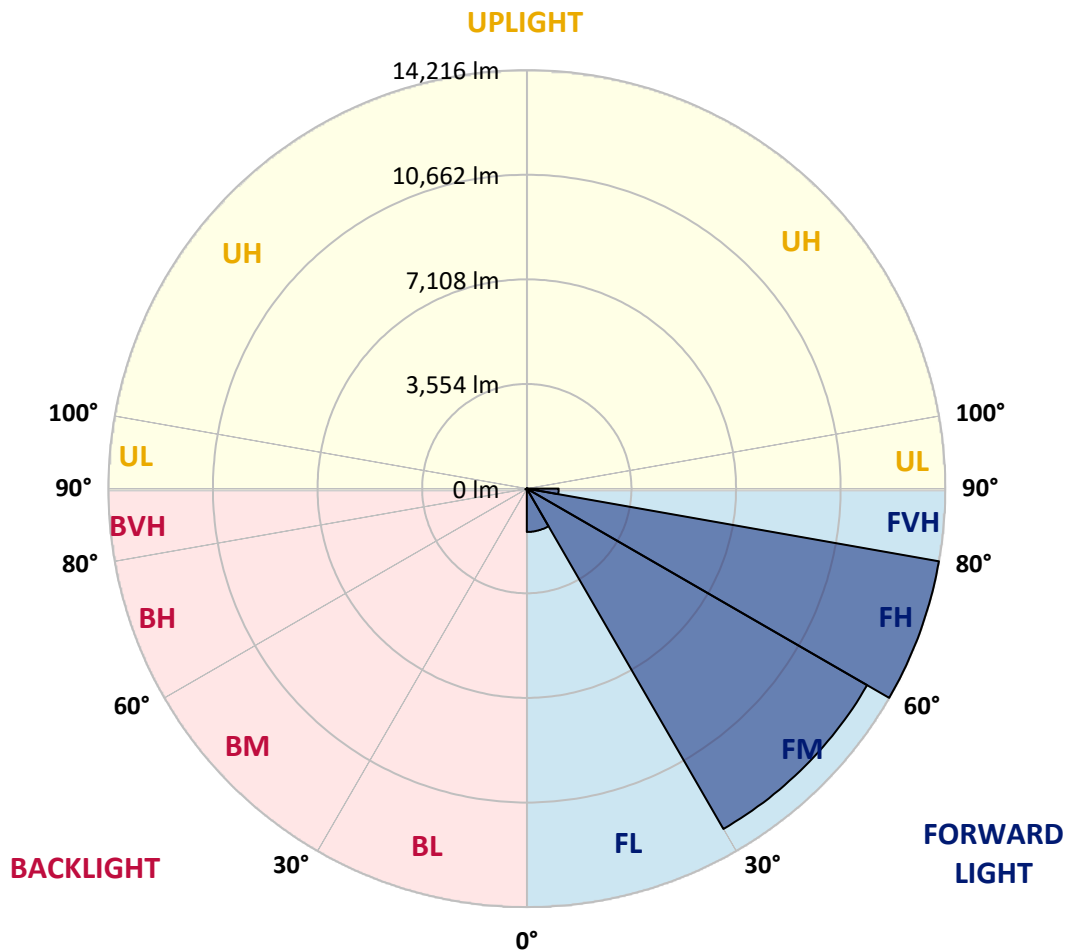
CATALOG NUMBER: GALN-SA6C-835-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1472.8	4.9			
FM	(30°-60°)	13348.6	44.2			
FH	(60°-80°)	14215.6	47.0			G5
FVH	(80°-90°)	1082.1	3.6			G5
BL	(0°-30°)	26.0	0.1	B0/110		
BM	(30°-60°)	24.9	0.1	B0/220		
BH	(60°-80°)	51.6	0.2	B0/110		G0/110
BVH	(80°-90°)	4.9	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-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	165.7	165.7	165.7	165.7	165.7	165.7	165.7	165.7	165.7	165.7	165.7
2.5°	190.3	190.3	190.3	184.2	184.2	182.1	180.1	180.1	176.0	173.9	169.8
5°	288.5	282.4	268.0	259.9	243.5	233.3	223.0	208.7	194.4	184.2	171.9
7.5°	652.7	667.1	620.0	532.0	442.0	403.1	337.6	272.1	225.1	194.4	173.9
10°	1663.5	1655.4	1495.8	1319.8	1019.0	898.3	703.9	444.0	290.6	212.8	176.0
12.5°	2829.9	2821.7	2633.4	2394.0	1997.1	1745.4	1377.1	828.7	417.4	241.4	176.0
15°	3810.0	3777.2	3717.9	3480.5	3016.1	2805.3	2318.3	1465.1	675.2	290.6	180.1
17.5°	4458.6	4430.0	4374.7	4288.8	3994.1	3744.5	3353.7	2301.9	1092.7	376.5	188.2
20°	5054.0	5033.6	4988.6	4972.2	4781.9	4648.9	4325.6	3263.6	1702.4	511.5	200.5
22.5°	5872.5	5829.5	5848.0	5749.7	5563.5	5403.9	5205.5	4270.4	2447.2	736.6	223.0
25°	6875.1	6854.7	6803.5	6734.0	6476.1	6337.0	6032.1	5219.8	3280.0	1031.3	247.6
27.5°	8086.5	8064.0	8051.7	7892.1	7595.4	7444.0	7018.4	6116.0	4217.2	1444.6	280.3
30°	9482.0	9492.2	9412.4	9207.8	8862.0	8649.2	8211.3	7055.2	5176.8	1929.5	315.1
32.5°	10926.6	10906.1	10783.3	10541.9	10232.9	10034.4	9477.9	8084.4	6183.5	2570.0	356.0
35°	12483.7	12444.8	12121.5	11845.3	11581.3	11331.7	10824.3	9279.4	7190.3	3288.2	411.3
37.5°	14055.2	13873.1	13224.4	12874.5	12692.4	12487.8	12015.1	10554.2	8190.8	4090.3	478.8
40°	15241.9	15100.8	14331.4	13686.9	13541.6	13367.6	13015.7	11655.0	9254.8	4951.7	560.7
42.5°	15898.8	15821.0	15129.4	14493.0	14151.3	13997.9	13697.1	12616.7	10306.6	5903.2	679.3
45°	16179.1	16058.4	15595.9	15299.2	14755.0	14501.2	14143.1	13343.1	11405.4	6983.6	845.1
47.5°	16093.2	16023.6	15692.1	15800.5	15405.6	15010.7	14484.9	13899.7	12344.6	8223.6	1072.2
50°	15553.0	15493.6	15391.3	15978.6	15929.5	15462.9	14926.8	14339.6	13111.9	9502.4	1424.1
52.5°	14525.8	14501.2	14763.1	15839.4	16226.2	15861.9	15352.4	14728.4	13828.0	10838.6	1927.5
55°	13201.9	13302.2	14051.1	15622.5	16377.6	16156.6	15728.9	15092.6	14403.0	12033.5	2670.3
57.5°	12657.6	12684.2	13619.3	15469.1	16445.1	16416.4	16095.2	15440.4	14930.9	12989.1	3803.8
60°	13294.0	13253.1	13746.2	15585.7	16580.1	16649.7	16420.5	15763.7	15389.3	13809.6	5313.9
62.5°	14443.9	14421.4	14579.0	16082.9	16975.1	17116.2	16872.7	15997.0	15794.4	14349.8	7036.8
65°	15471.1	15424.1	15716.7	16964.8	17668.7	17769.0	17556.2	16396.0	15972.4	14742.7	8655.3
67.5°	15915.1	15904.9	16375.5	17803.8	18397.1	18505.6	18319.4	16946.4	15931.5	14867.5	9369.4
70°	15712.6	15673.7	16426.7	18159.8	18808.4	18931.2	18751.1	17151.0	15487.5	14472.6	8311.6
71°	15489.5	15385.2	16273.2	18135.2	18865.7	18970.1	18655.0	16964.8	15041.4	13911.9	7351.9
72.5°	14797.9	14816.3	15851.7	17879.5	18728.6	18697.9	18110.7	16297.8	14503.3	12639.2	5905.3
75°	13095.5	13204.0	14486.9	16805.2	17505.0	17114.2	16215.9	15023.0	13422.9	9062.5	4100.5
77.5°	10701.5	10863.1	12272.9	14738.6	14540.1	14501.2	14464.4	13236.7	11462.7	4867.8	2852.4
80°	5109.3	5459.2	7403.1	10521.4	11429.9	11869.8	11593.6	10666.7	8864.0	2318.3	1704.5
82.5°	333.5	329.4	466.5	883.9	3726.1	4816.7	7652.7	7624.0	6179.4	1129.5	695.7
85°	157.6	161.6	178.0	202.6	235.3	257.8	356.0	2087.1	2956.7	538.1	151.4
87.5°	92.1	94.1	110.5	141.2	184.2	204.6	243.5	313.1	384.7	296.7	32.7
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: P1048583

CATALOG NUMBER: GALN-SA6C-835-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	165.7	165.7	165.7	165.7	165.7	165.7	165.7	165.7	165.7	165.7	165.7
2.5°	167.8	165.7	159.6	153.5	147.3	143.2	141.2	143.2	143.2	145.3	145.3
5°	167.8	161.6	151.4	139.1	131.0	122.8	118.7	116.6	118.7	118.7	118.7
7.5°	165.7	155.5	141.2	126.9	116.6	106.4	102.3	100.3	100.3	102.3	102.3
10°	161.6	151.4	133.0	116.6	104.4	92.1	85.9	79.8	79.8	79.8	81.8
12.5°	159.6	145.3	122.8	106.4	90.0	75.7	63.4	57.3	59.3	59.3	59.3
15°	155.5	139.1	116.6	96.2	75.7	57.3	47.1	40.9	43.0	45.0	43.0
17.5°	155.5	137.1	108.4	83.9	59.3	43.0	34.8	30.7	30.7	32.7	32.7
20°	155.5	133.0	102.3	71.6	45.0	32.7	24.6	22.5	22.5	26.6	28.6
22.5°	159.6	133.0	94.1	59.3	36.8	24.6	18.4	16.4	18.4	22.5	24.6
25°	165.7	131.0	85.9	53.2	30.7	18.4	14.3	10.2	12.3	16.4	18.4
27.5°	171.9	128.9	77.8	47.1	24.6	14.3	10.2	8.2	6.1	8.2	8.2
30°	178.0	128.9	69.6	38.9	20.5	10.2	6.1	4.1	2.0	0.0	0.0
32.5°	182.1	124.8	63.4	30.7	16.4	8.2	4.1	2.0	0.0	0.0	0.0
35°	186.2	120.7	55.2	24.6	12.3	6.1	2.0	0.0	0.0	0.0	0.0
37.5°	190.3	114.6	47.1	20.5	10.2	4.1	0.0	0.0	0.0	0.0	0.0
40°	194.4	106.4	38.9	18.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	198.5	100.3	32.7	14.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0
45°	208.7	96.2	26.6	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	227.1	92.1	24.6	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	253.7	88.0	22.5	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	290.6	85.9	20.5	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	356.0	83.9	18.4	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	468.6	81.8	18.4	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	718.2	77.8	18.4	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1283.0	75.7	16.4	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2236.5	77.8	16.4	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3206.4	81.8	14.3	6.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2743.9	71.6	14.3	8.2	4.1	2.0	0.0	0.0	0.0	0.0	0.0
71°	2236.5	63.4	14.3	8.2	4.1	2.0	2.0	0.0	0.0	0.0	0.0
72.5°	1438.5	49.1	12.3	8.2	4.1	4.1	2.0	0.0	0.0	0.0	0.0
75°	607.7	40.9	12.3	8.2	6.1	4.1	4.1	2.0	0.0	0.0	0.0
77.5°	259.9	30.7	12.3	10.2	8.2	6.1	6.1	4.1	2.0	0.0	0.0
80°	98.2	24.6	14.3	12.3	10.2	10.2	8.2	4.1	2.0	0.0	0.0
82.5°	45.0	20.5	14.3	12.3	12.3	10.2	8.2	6.1	4.1	0.0	0.0
85°	28.6	18.4	14.3	12.3	12.3	10.2	10.2	6.1	4.1	0.0	0.0
87.5°	22.5	18.4	14.3	14.3	12.3	12.3	8.2	6.1	2.0	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

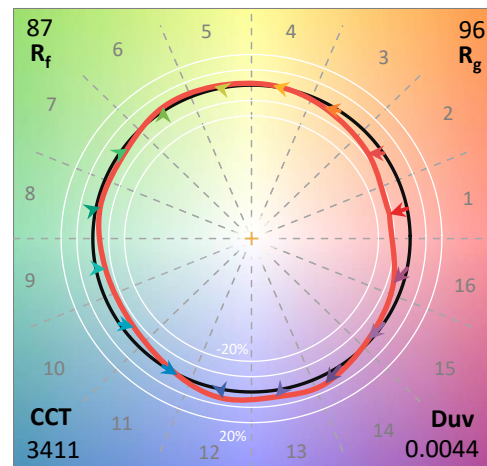
Test Information

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

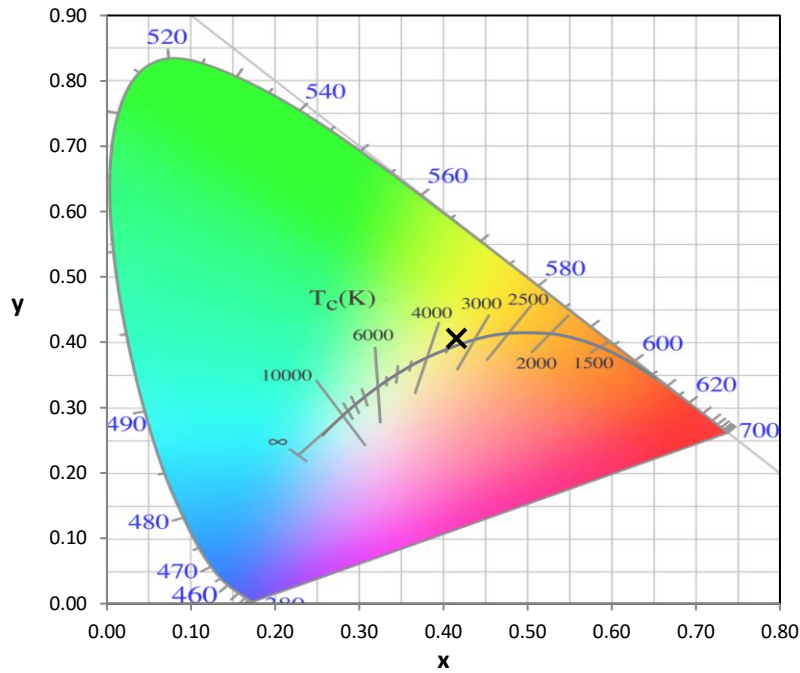
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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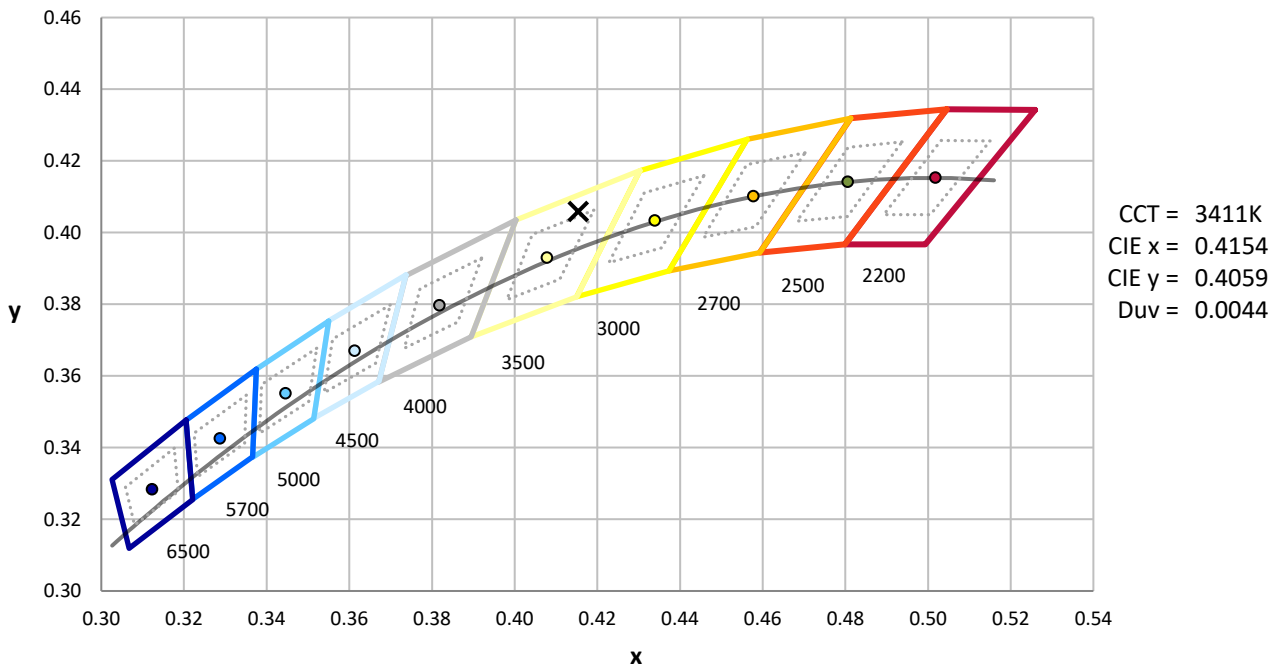
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



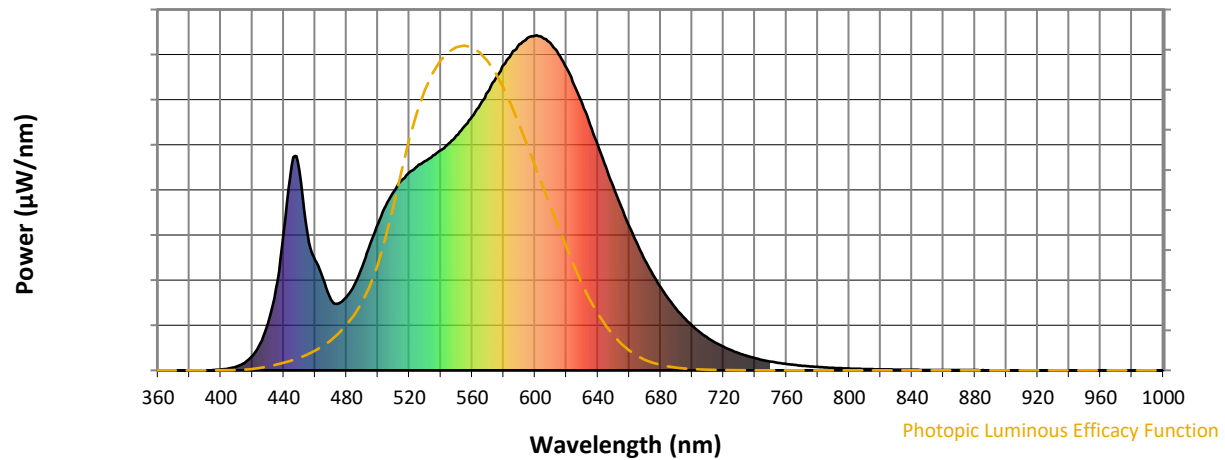
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

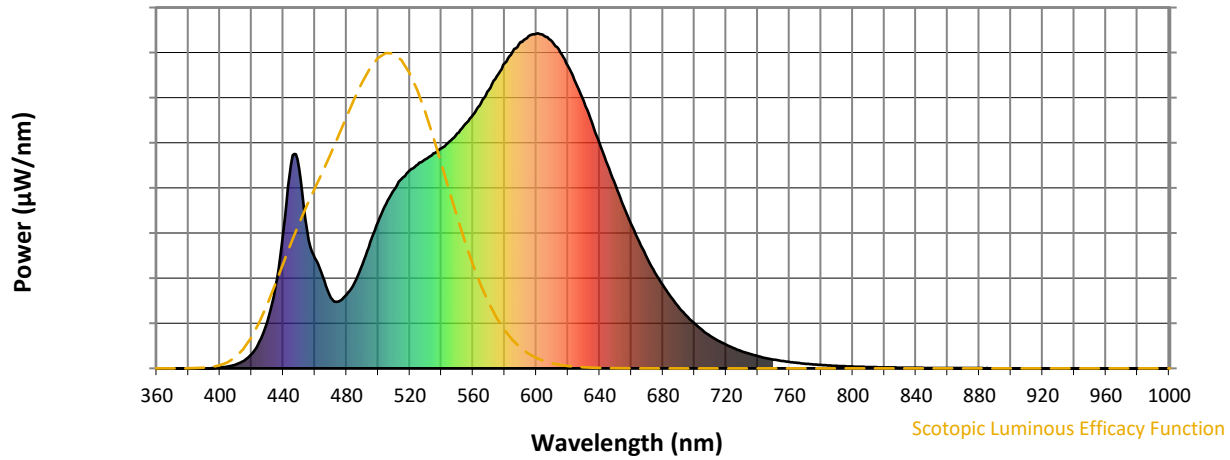


Photopic Lumens: NR

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



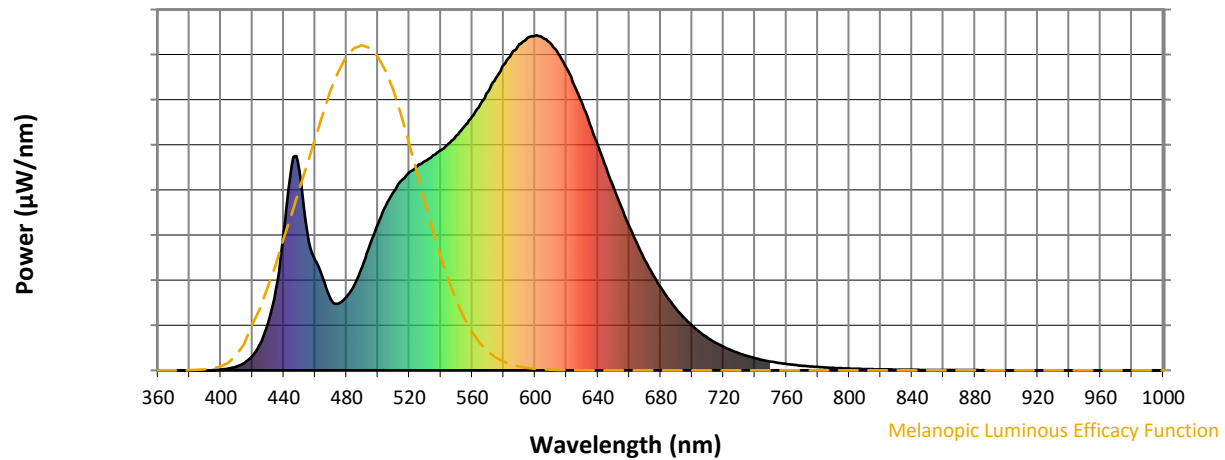
Scotopic Lumens: NR

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

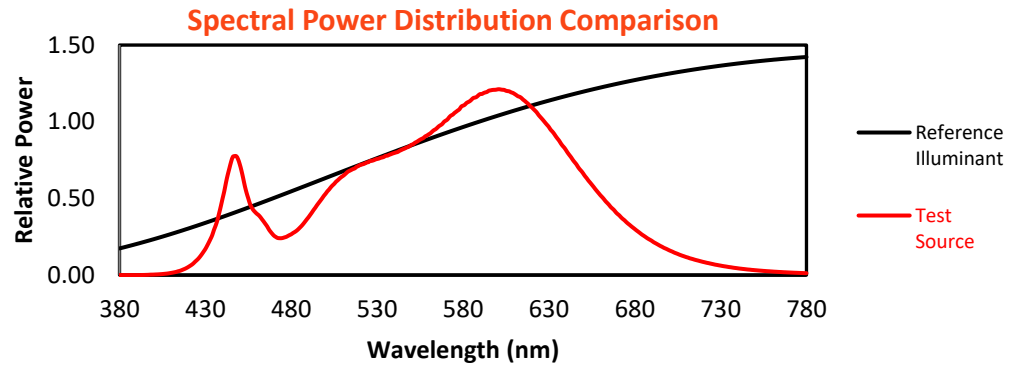
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903	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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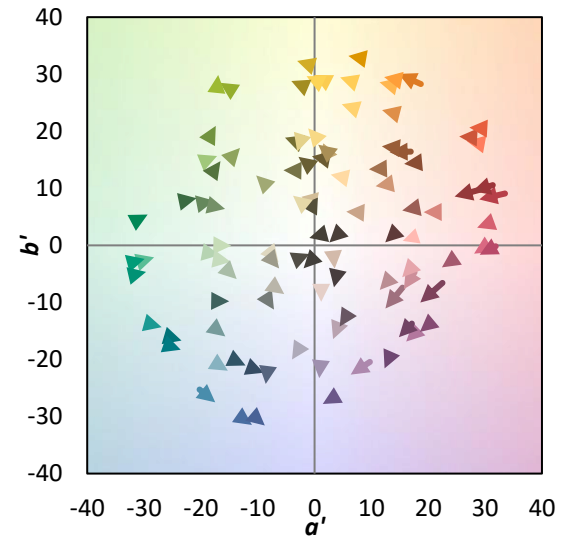
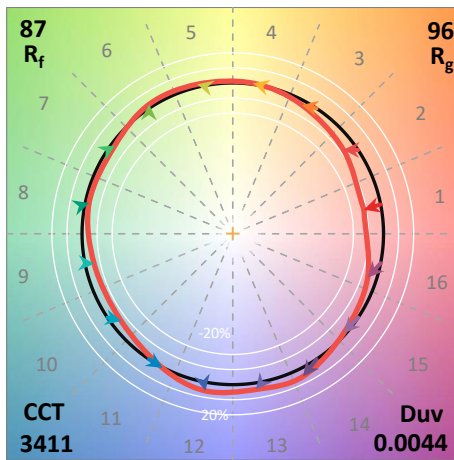
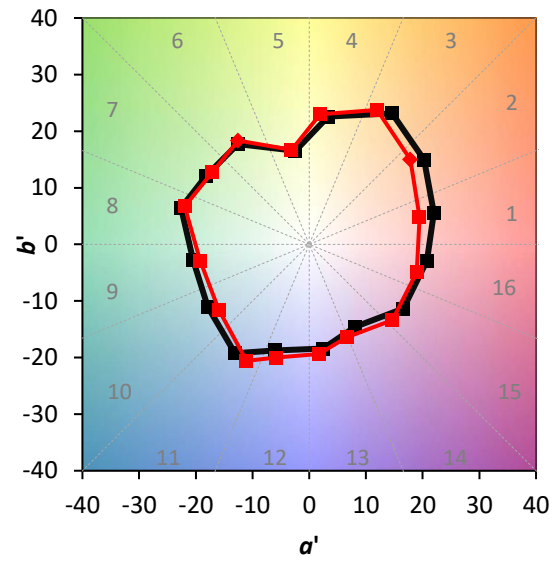
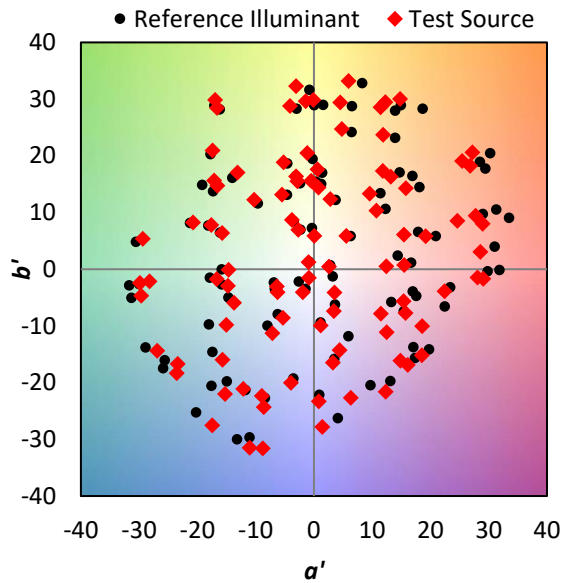
TM-30-18

Summary

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

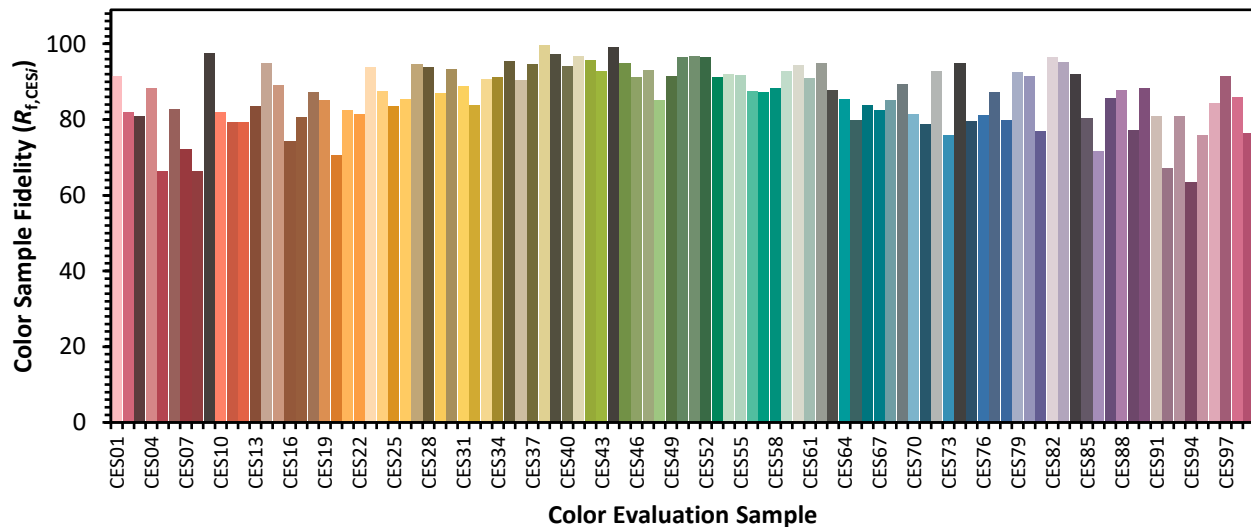


Color Vector Graphics

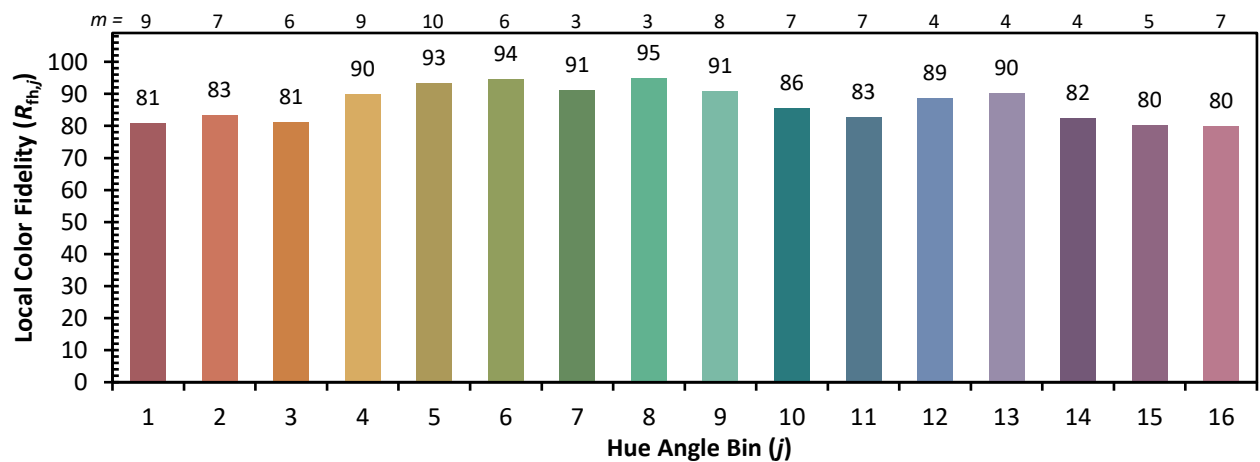
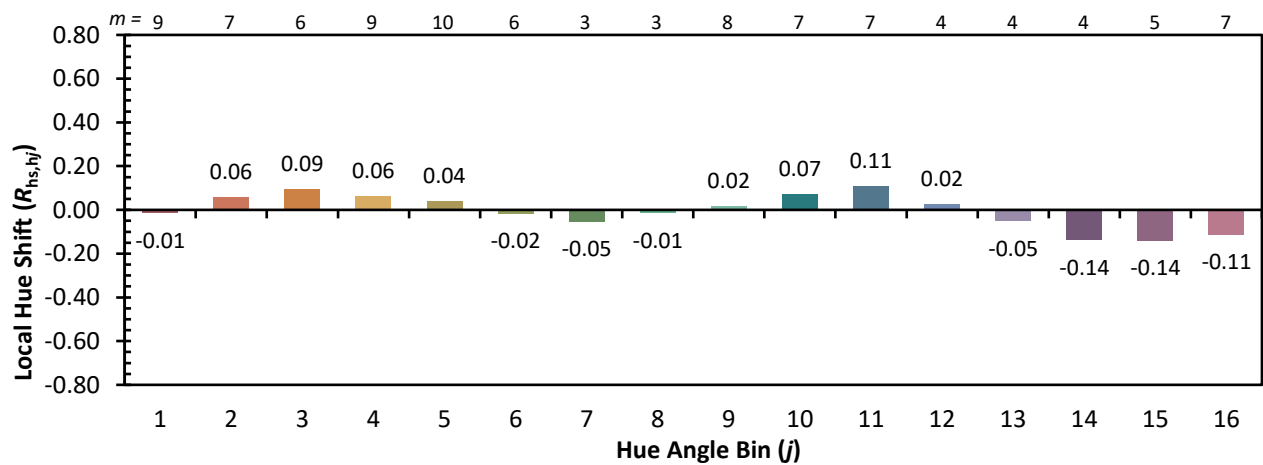
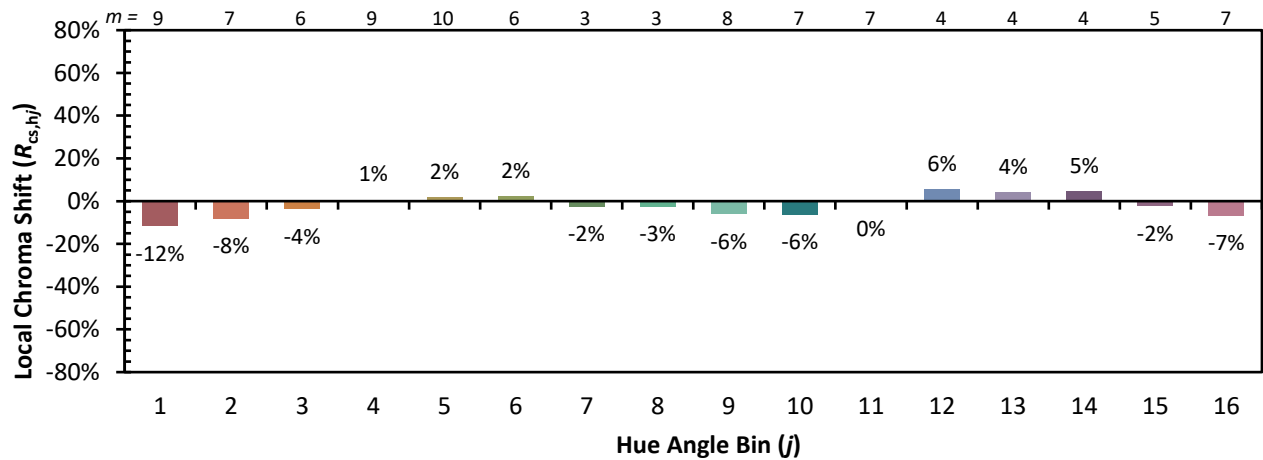


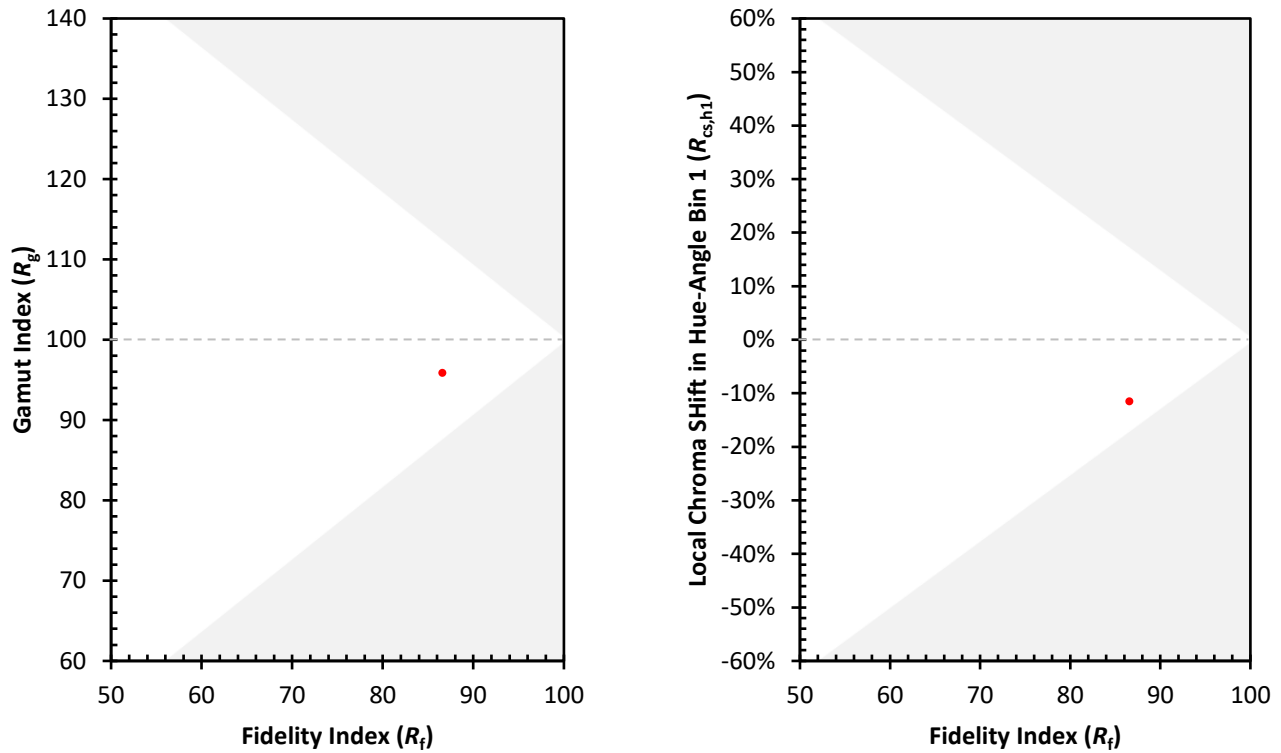
Individual Sample Fidelity Index ($R_{f,i}$)

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)