

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: P1048589

Luminaire Tested: **GALN-SA8A-835-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048589
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8A-835-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (112) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26039.8 lumens
Efficiency: N/A
Efficacy: 119.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 217.6
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

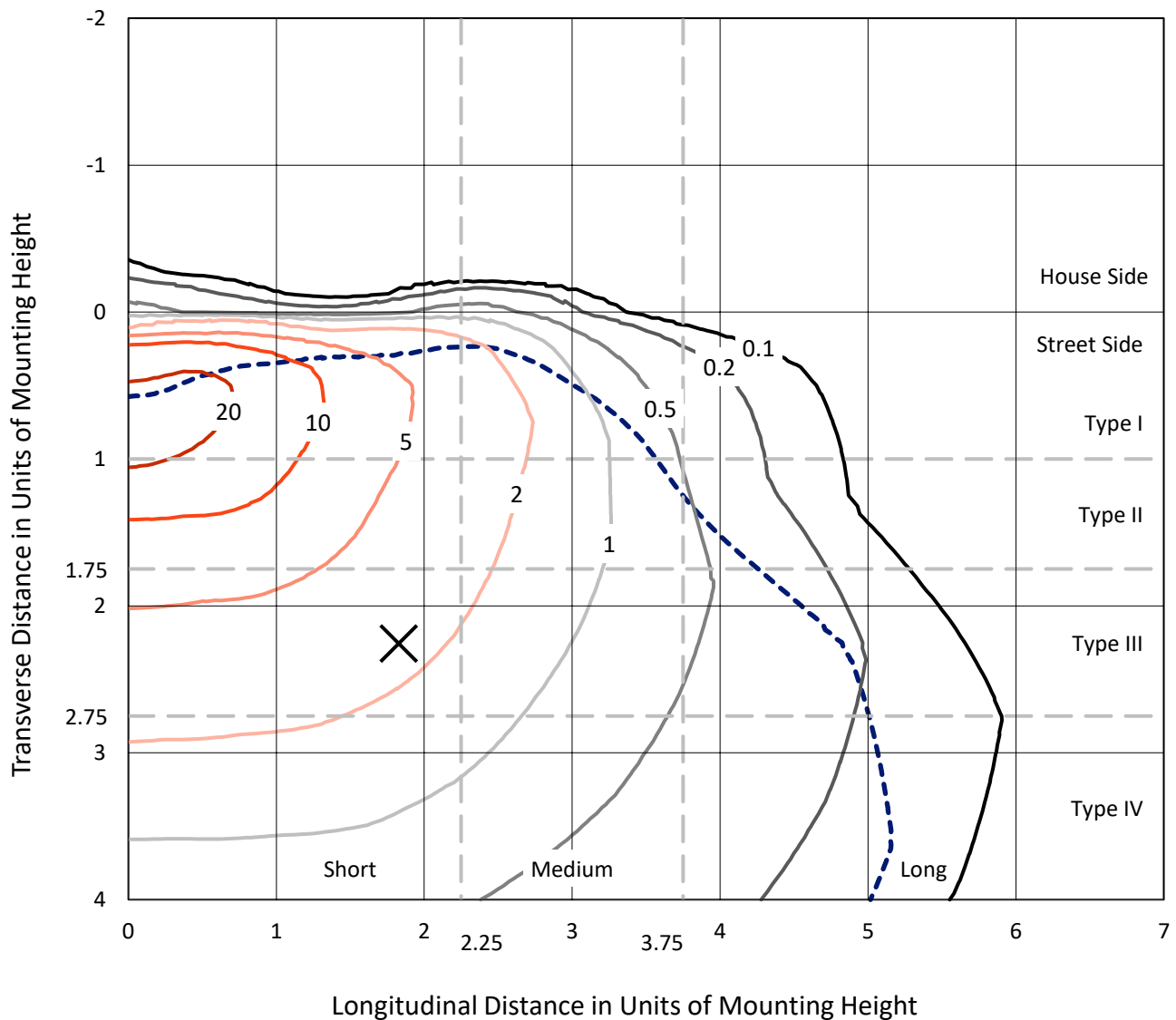


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

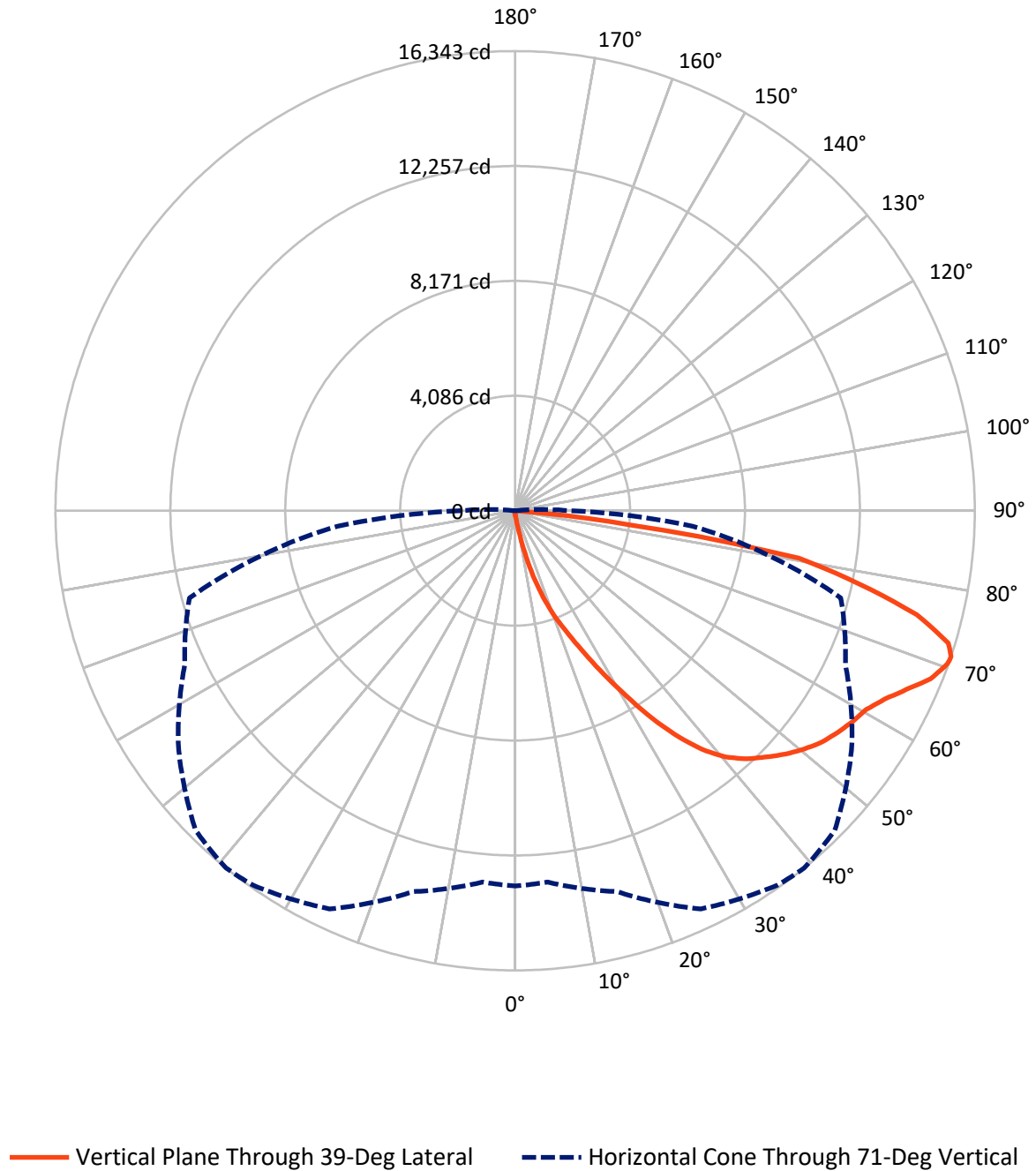


Based on 15 foot mounting height. Maximum calculated value = 26.8 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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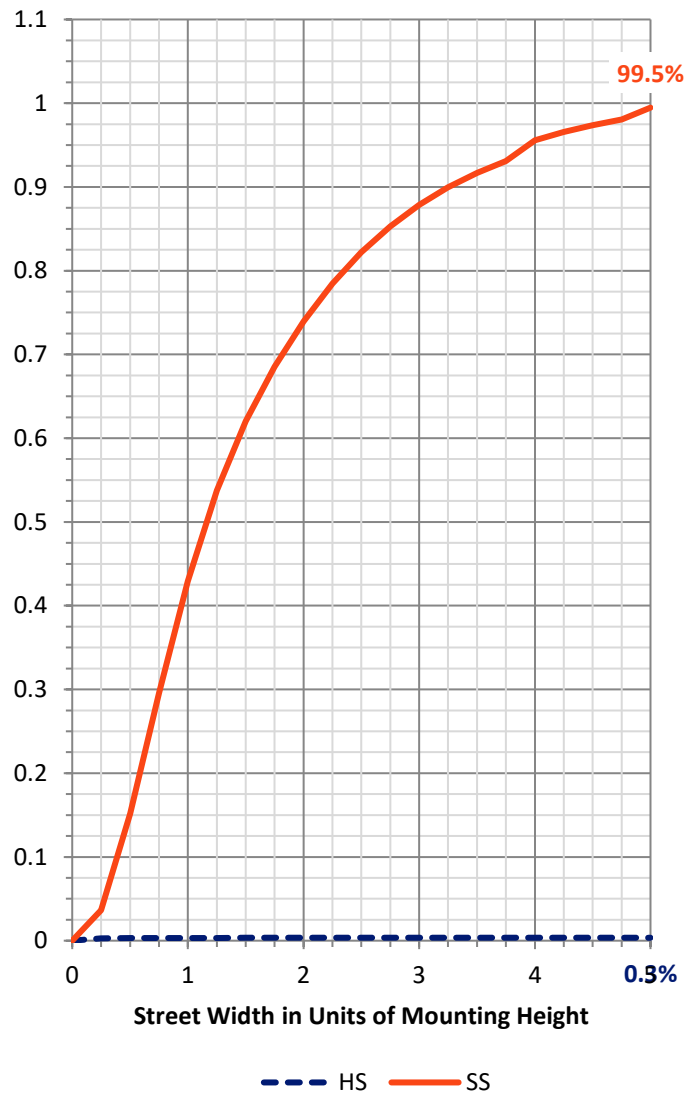
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	92.5	0.0	92.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	25947.3	0.0	25947.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	26039.8	0.0	26039.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.8	0.1
10°-20°	278.3	1.1
20°-30°	991.1	3.8
30°-40°	2388.7	9.2
40°-50°	3997.7	15.4
50°-60°	5134.6	19.7
60°-70°	6497.9	25.0
70°-80°	5793.1	22.2
80°-90°	936.4	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°	26039.8	100.0
0°-180°	26039.8	100.0



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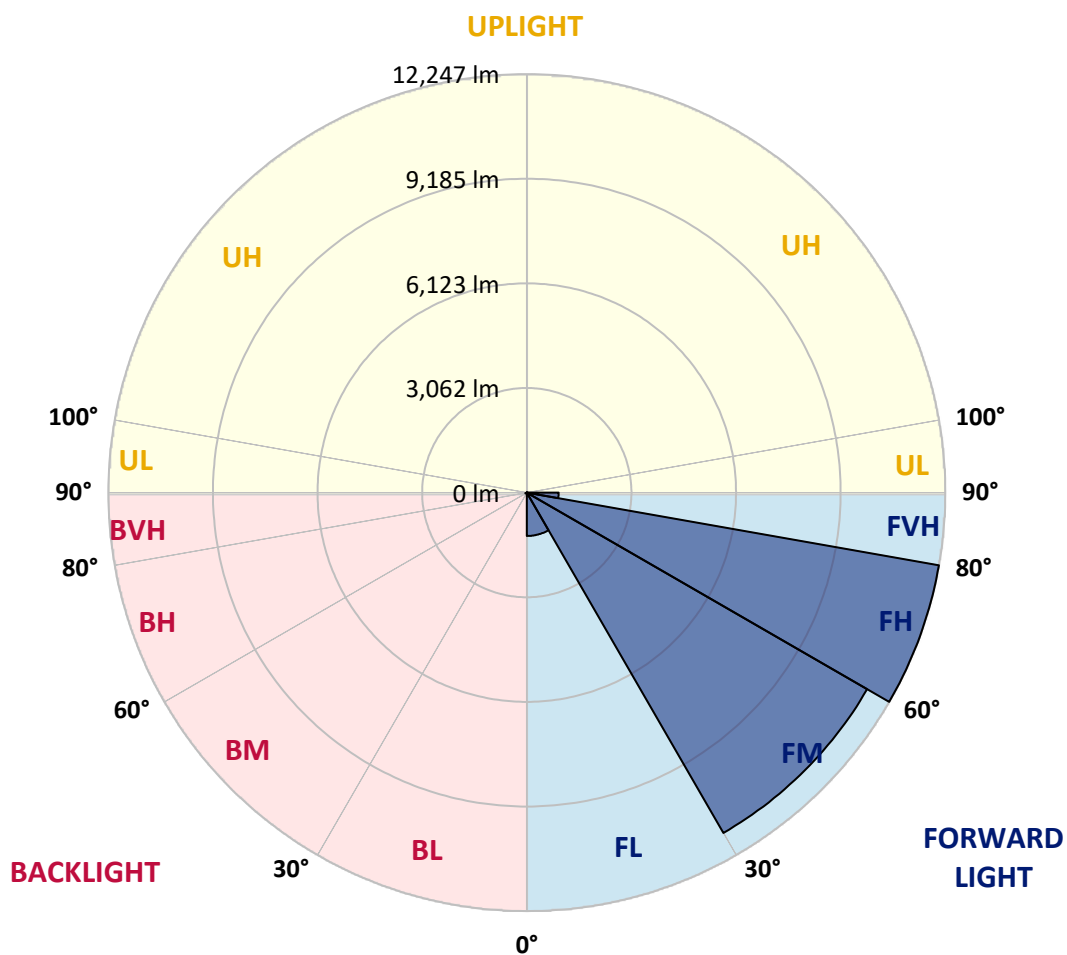
CATALOG NUMBER: GALN-SA8A-835-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1268.8	4.9			
FM	(30°-60°)	11499.7	44.2			
FH	(60°-80°)	12246.5	47.0			G5
FVH	(80°-90°)	932.2	3.6			G5
BL	(0°-30°)	22.4	0.1	B0/110		
BM	(30°-60°)	21.4	0.1	B0/220		
BH	(60°-80°)	44.5	0.2	B0/110		G0/110
BVH	(80°-90°)	4.3	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°	142.8	142.8	142.8	142.8	142.8	142.8	142.8	142.8	142.8	142.8	142.8
2.5°	163.9	163.9	163.9	158.6	158.6	156.9	155.1	155.1	151.6	149.8	146.3
5°	248.5	243.3	230.9	223.9	209.8	201.0	192.1	179.8	167.5	158.6	148.1
7.5°	562.3	574.7	534.1	458.3	380.8	347.3	290.9	234.4	193.9	167.5	149.8
10°	1433.1	1426.1	1288.6	1137.0	877.9	773.8	606.4	382.5	250.3	183.3	151.6
12.5°	2437.9	2430.8	2268.7	2062.4	1720.4	1503.6	1186.3	713.9	359.6	208.0	151.6
15°	3282.3	3254.0	3202.9	2998.4	2598.3	2416.7	1997.2	1262.1	581.7	250.3	155.1
17.5°	3841.0	3816.4	3768.8	3694.7	3440.9	3225.8	2889.2	1983.1	941.3	324.3	162.2
20°	4354.0	4336.4	4297.6	4283.5	4119.6	4005.0	3726.5	2811.6	1466.6	440.7	172.8
22.5°	5059.1	5022.1	5038.0	4953.3	4792.9	4655.4	4484.4	3678.9	2108.3	634.6	192.1
25°	5922.9	5905.2	5861.2	5801.2	5579.1	5459.3	5196.6	4496.8	2825.7	888.4	213.3
27.5°	6966.4	6947.0	6936.4	6798.9	6543.3	6412.9	6046.3	5268.9	3633.0	1244.5	241.5
30°	8168.6	8177.4	8108.7	7932.4	7634.5	7451.2	7073.9	6078.0	4459.8	1662.3	271.5
32.5°	9413.1	9395.5	9289.7	9081.7	8815.5	8644.6	8165.1	6964.6	5327.0	2214.0	306.7
35°	10754.6	10721.1	10442.6	10204.6	9977.2	9762.1	9325.0	7994.1	6194.3	2832.7	354.3
37.5°	12108.4	11951.5	11392.7	11091.3	10934.4	10758.1	10350.9	9092.3	7056.3	3523.7	412.5
40°	13130.8	13009.1	12346.3	11791.1	11665.9	11516.1	11212.9	10040.7	7972.9	4265.9	483.0
42.5°	13696.6	13629.6	13033.8	12485.6	12191.2	12059.0	11799.9	10869.1	8879.0	5085.5	585.2
45°	13938.1	13834.1	13435.7	13180.1	12711.2	12492.6	12184.2	11494.9	9825.6	6016.3	728.0
47.5°	13864.1	13804.1	13518.6	13612.0	13271.8	12931.6	12478.5	11974.4	10634.7	7084.5	923.7
50°	13398.7	13347.6	13259.4	13765.4	13723.1	13321.1	12859.3	12353.4	11295.7	8186.2	1226.9
52.5°	12513.8	12492.6	12718.3	13645.5	13978.7	13664.9	13226.0	12688.3	11912.7	9337.3	1660.5
55°	11373.3	11459.7	12104.8	13458.6	14109.1	13918.7	13550.3	13002.1	12408.0	10366.8	2300.4
57.5°	10904.4	10927.3	11732.9	13326.4	14167.3	14142.6	13865.8	13301.8	12862.8	11190.0	3277.0
60°	11452.6	11417.4	11842.2	13426.9	14283.6	14343.5	14146.1	13580.3	13257.7	11896.8	4577.9
62.5°	12443.3	12423.9	12559.6	13855.3	14623.8	14745.4	14535.7	13781.2	13606.7	12362.2	6062.1
65°	13328.2	13287.7	13539.7	14615.0	15221.4	15307.8	15124.4	14125.0	13760.1	12700.7	7456.5
67.5°	13710.7	13701.9	14107.3	15337.7	15848.9	15942.4	15781.9	14599.1	13724.8	12808.2	8071.7
70°	13536.2	13502.7	14151.4	15644.5	16203.2	16309.0	16153.9	14775.4	13342.3	12468.0	7160.3
71°	13344.1	13254.2	14019.2	15623.3	16252.6	16342.5	16071.0	14615.0	12958.0	11985.0	6333.6
72.5°	12748.2	12764.1	13656.1	15403.0	16134.5	16108.1	15602.1	14040.3	12494.4	10888.5	5087.3
75°	11281.6	11375.1	12480.3	14477.5	15080.4	14743.7	13969.8	12942.1	11563.7	7807.2	3532.6
77.5°	9219.2	9358.5	10573.0	12697.1	12526.1	12492.6	12460.9	11403.3	9875.0	4193.6	2457.3
80°	4401.6	4703.0	6377.6	9064.1	9846.8	10225.7	9987.8	9189.2	7636.3	1997.2	1468.4
82.5°	287.3	283.8	401.9	761.5	3210.0	4149.5	6592.7	6568.0	5323.5	973.0	599.3
85°	135.7	139.3	153.4	174.5	202.7	222.1	306.7	1798.0	2547.2	463.6	130.4
87.5°	79.3	81.1	95.2	121.6	158.6	176.3	209.8	269.7	331.4	255.6	28.2
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: P1048589

CATALOG NUMBER: GALN-SA8A-835-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	142.8	142.8	142.8	142.8	142.8	142.8	142.8	142.8	142.8	142.8	142.8
2.5°	144.5	142.8	137.5	132.2	126.9	123.4	121.6	123.4	123.4	125.2	125.2
5°	144.5	139.3	130.4	119.9	112.8	105.8	102.2	100.5	102.2	102.2	102.2
7.5°	142.8	134.0	121.6	109.3	100.5	91.7	88.1	86.4	86.4	88.1	88.1
10°	139.3	130.4	114.6	100.5	89.9	79.3	74.0	68.7	68.7	68.7	70.5
12.5°	137.5	125.2	105.8	91.7	77.6	65.2	54.6	49.4	51.1	51.1	51.1
15°	134.0	119.9	100.5	82.8	65.2	49.4	40.5	35.3	37.0	38.8	37.0
17.5°	134.0	118.1	93.4	72.3	51.1	37.0	30.0	26.4	26.4	28.2	28.2
20°	134.0	114.6	88.1	61.7	38.8	28.2	21.2	19.4	19.4	22.9	24.7
22.5°	137.5	114.6	81.1	51.1	31.7	21.2	15.9	14.1	15.9	19.4	21.2
25°	142.8	112.8	74.0	45.8	26.4	15.9	12.3	8.8	10.6	14.1	15.9
27.5°	148.1	111.1	67.0	40.5	21.2	12.3	8.8	7.1	5.3	7.1	7.1
30°	153.4	111.1	59.9	33.5	17.6	8.8	5.3	3.5	1.8	0.0	0.0
32.5°	156.9	107.5	54.6	26.4	14.1	7.1	3.5	1.8	0.0	0.0	0.0
35°	160.4	104.0	47.6	21.2	10.6	5.3	1.8	0.0	0.0	0.0	0.0
37.5°	163.9	98.7	40.5	17.6	8.8	3.5	0.0	0.0	0.0	0.0	0.0
40°	167.5	91.7	33.5	15.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	171.0	86.4	28.2	12.3	3.5	0.0	0.0	0.0	0.0	0.0	0.0
45°	179.8	82.8	22.9	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	195.7	79.3	21.2	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	218.6	75.8	19.4	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	250.3	74.0	17.6	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	306.7	72.3	15.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	403.7	70.5	15.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	618.7	67.0	15.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1105.2	65.2	14.1	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1926.7	67.0	14.1	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2762.2	70.5	12.3	5.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0
70°	2363.9	61.7	12.3	7.1	3.5	1.8	0.0	0.0	0.0	0.0	0.0
71°	1926.7	54.6	12.3	7.1	3.5	1.8	1.8	0.0	0.0	0.0	0.0
72.5°	1239.2	42.3	10.6	7.1	3.5	3.5	1.8	0.0	0.0	0.0	0.0
75°	523.5	35.3	10.6	7.1	5.3	3.5	3.5	1.8	0.0	0.0	0.0
77.5°	223.9	26.4	10.6	8.8	7.1	5.3	5.3	3.5	1.8	0.0	0.0
80°	84.6	21.2	12.3	10.6	8.8	8.8	7.1	3.5	1.8	0.0	0.0
82.5°	38.8	17.6	12.3	10.6	10.6	8.8	7.1	5.3	3.5	0.0	0.0
85°	24.7	15.9	12.3	10.6	10.6	8.8	8.8	5.3	3.5	0.0	0.0
87.5°	19.4	15.9	12.3	12.3	10.6	10.6	7.1	5.3	1.8	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

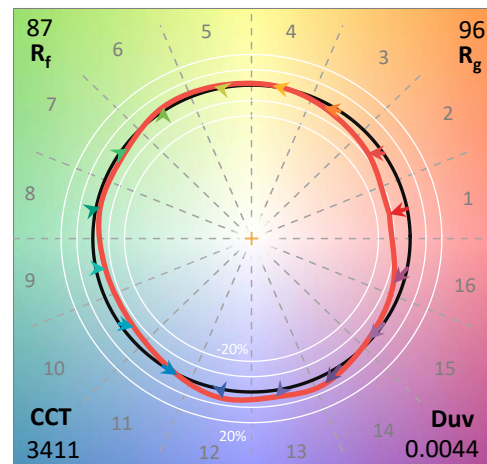
Test Information

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

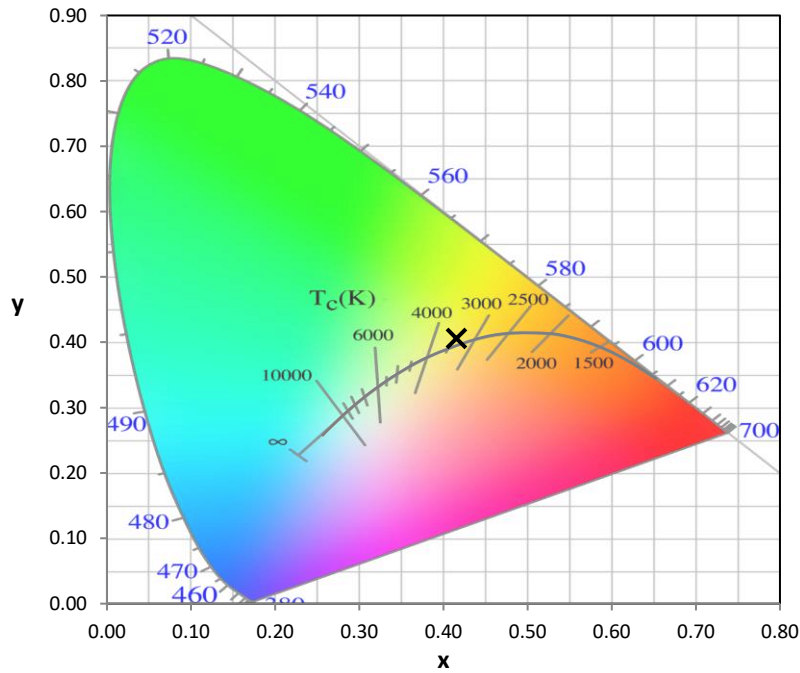
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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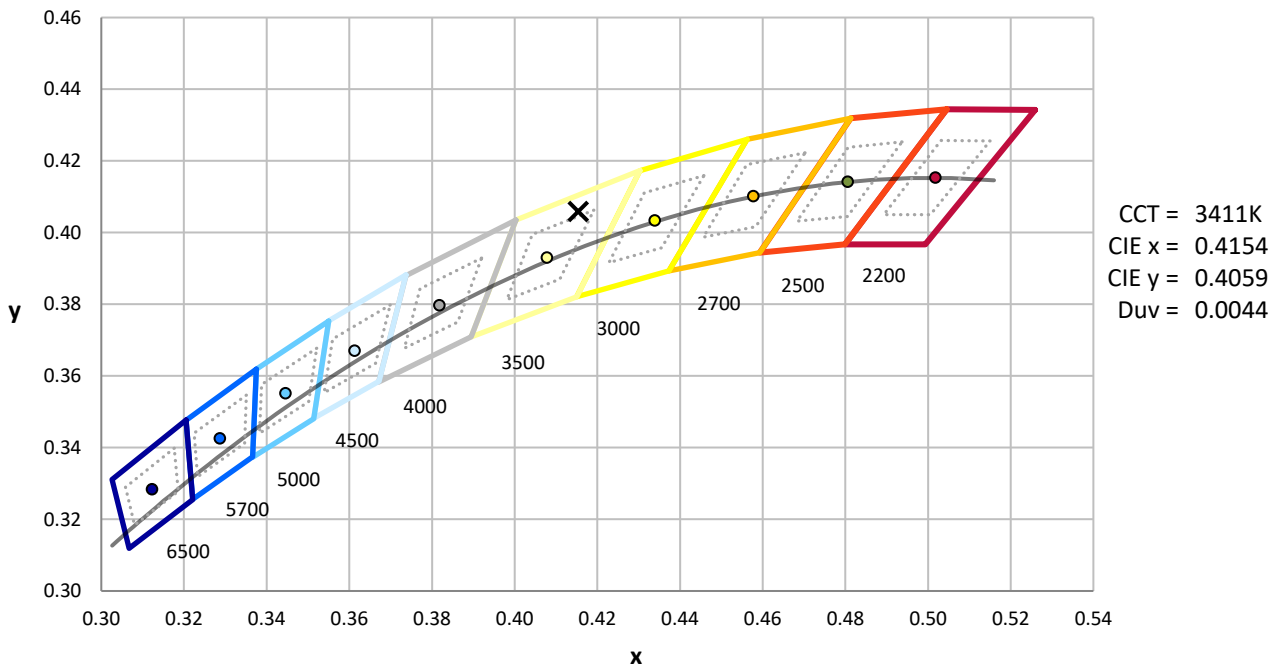
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



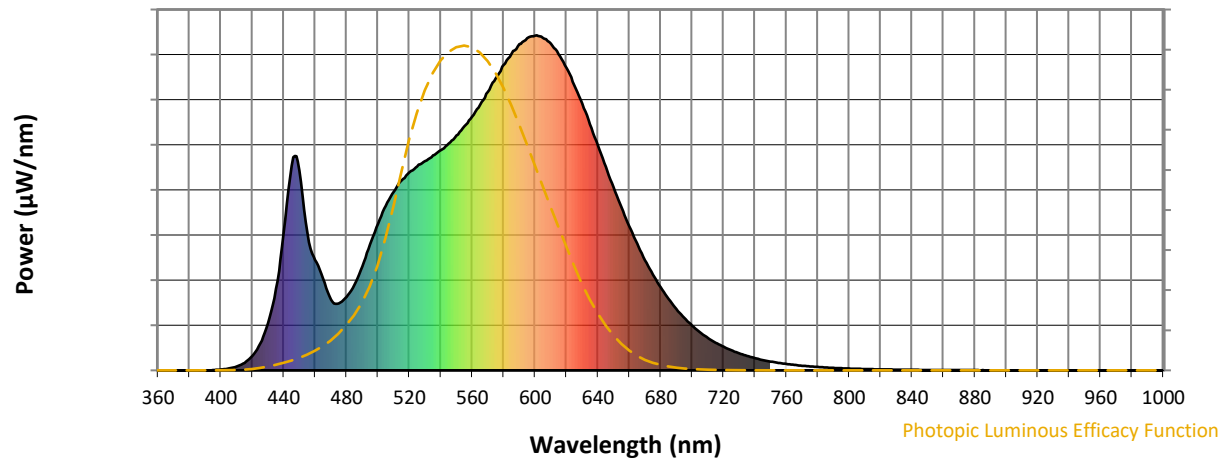
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

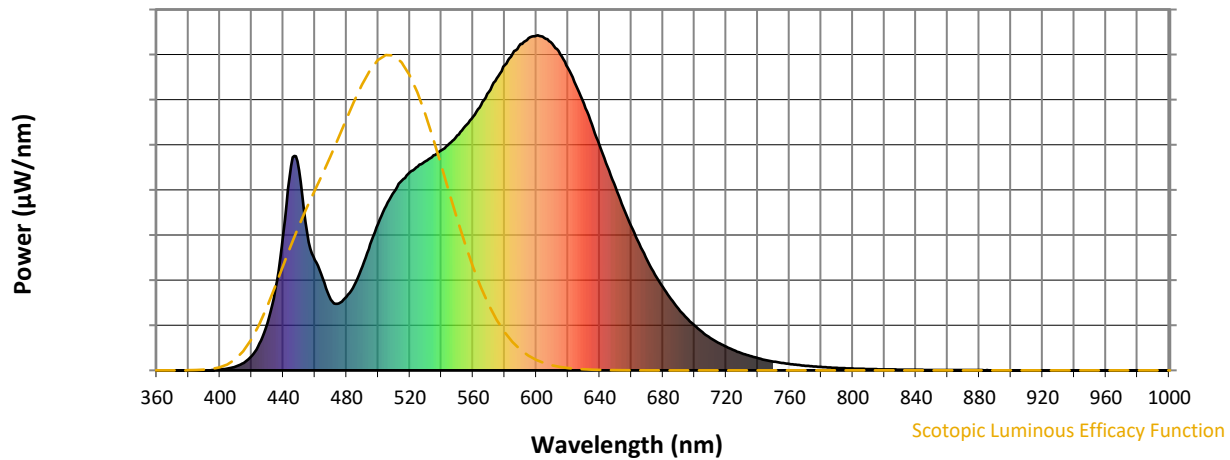


Photopic Lumens: NR

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

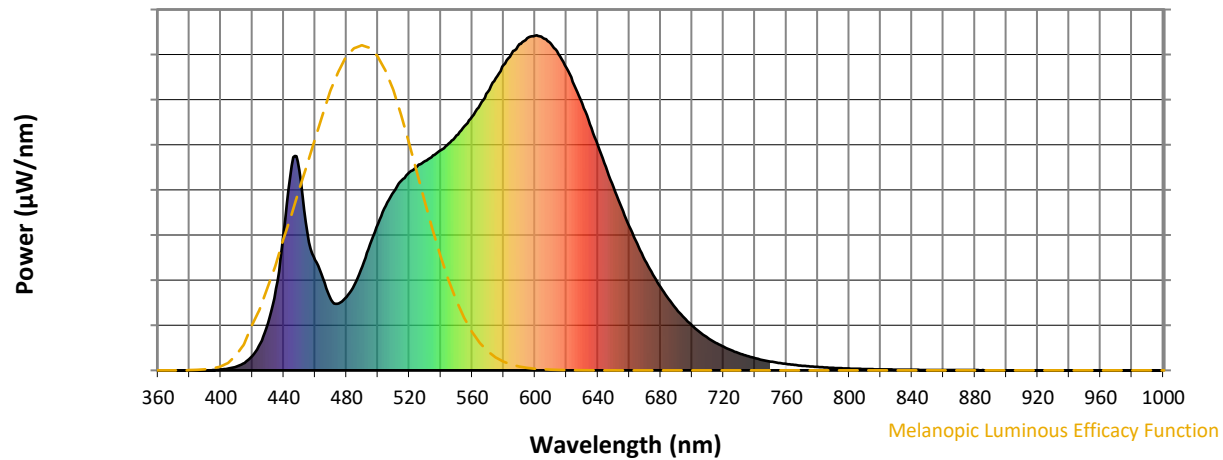


Scotopic Lumens: NR

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

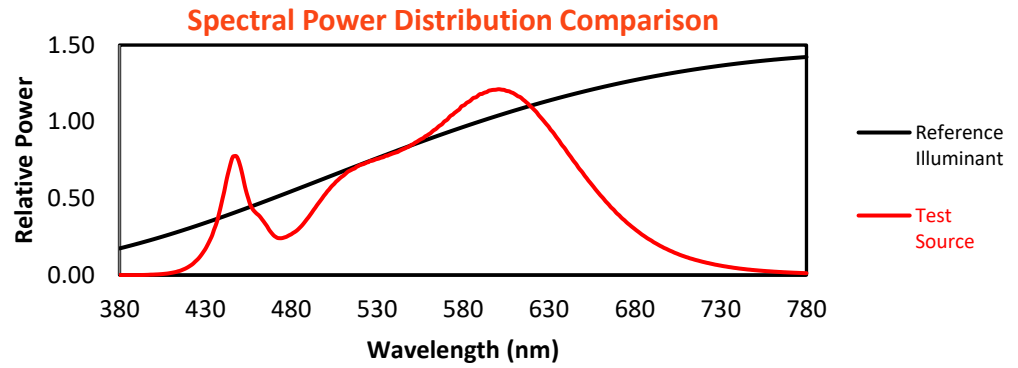
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903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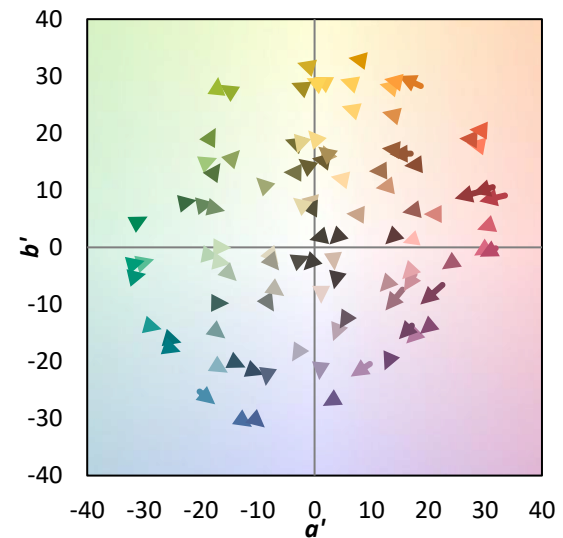
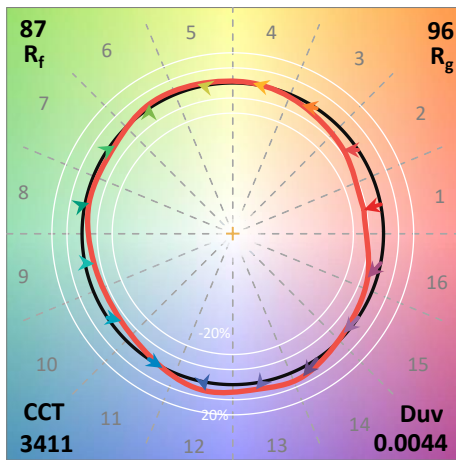
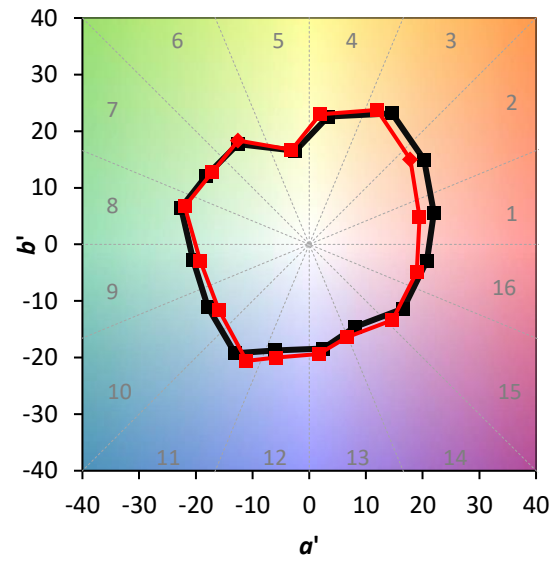
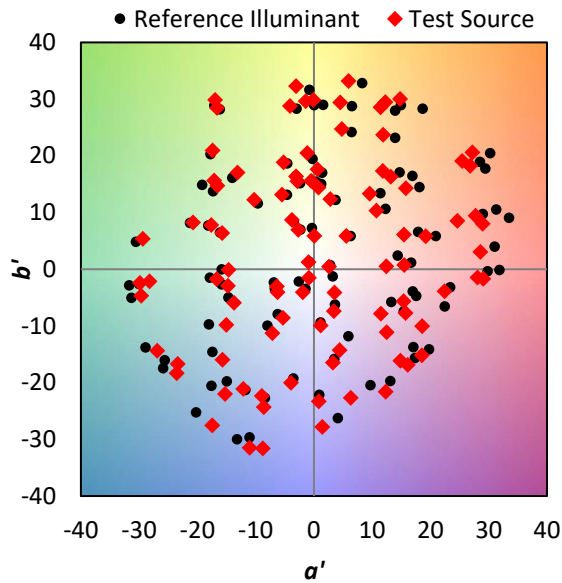
TM-30-18

Summary

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

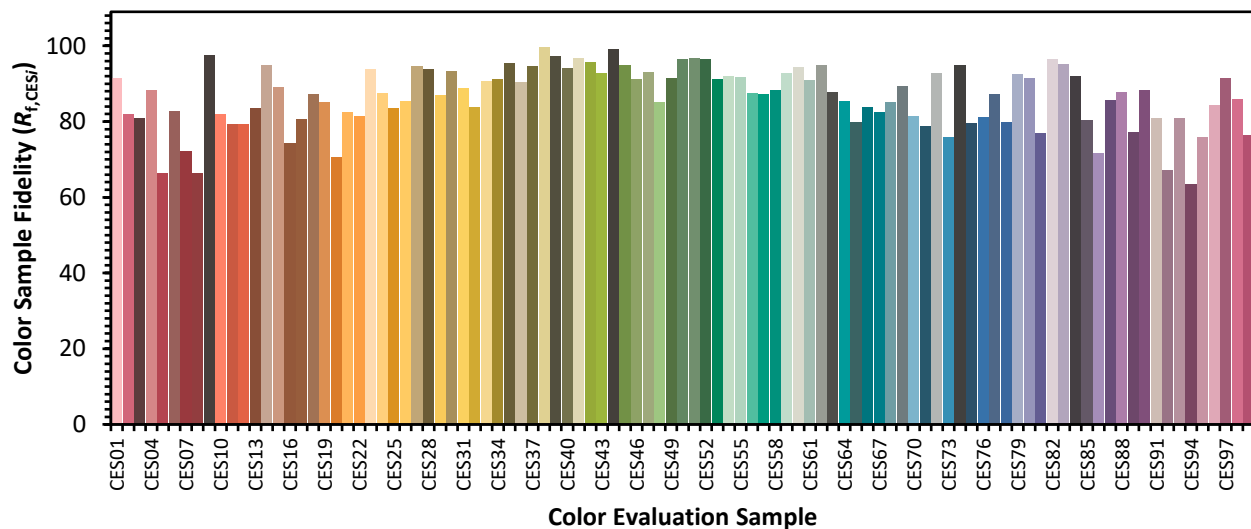


Color Vector Graphics

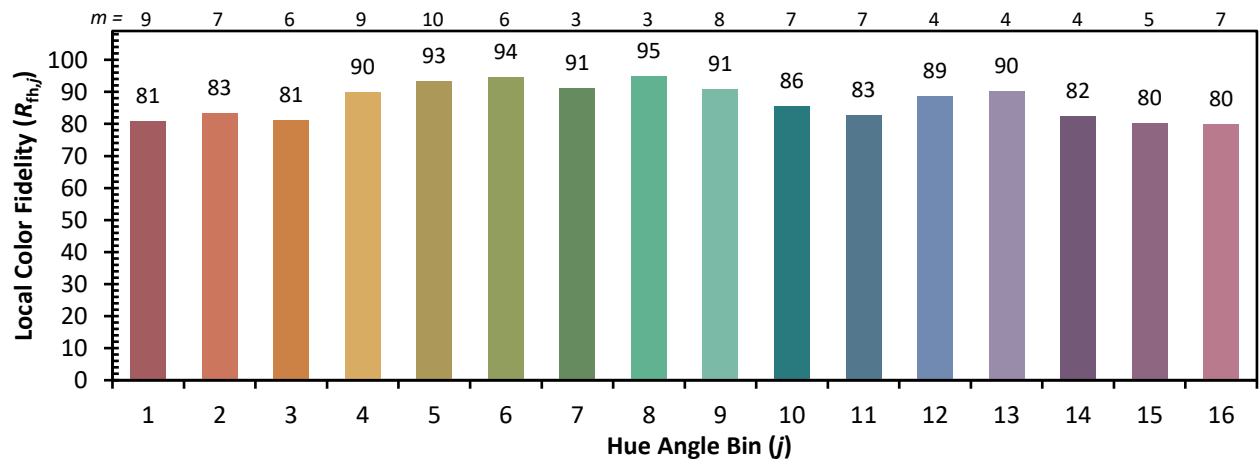
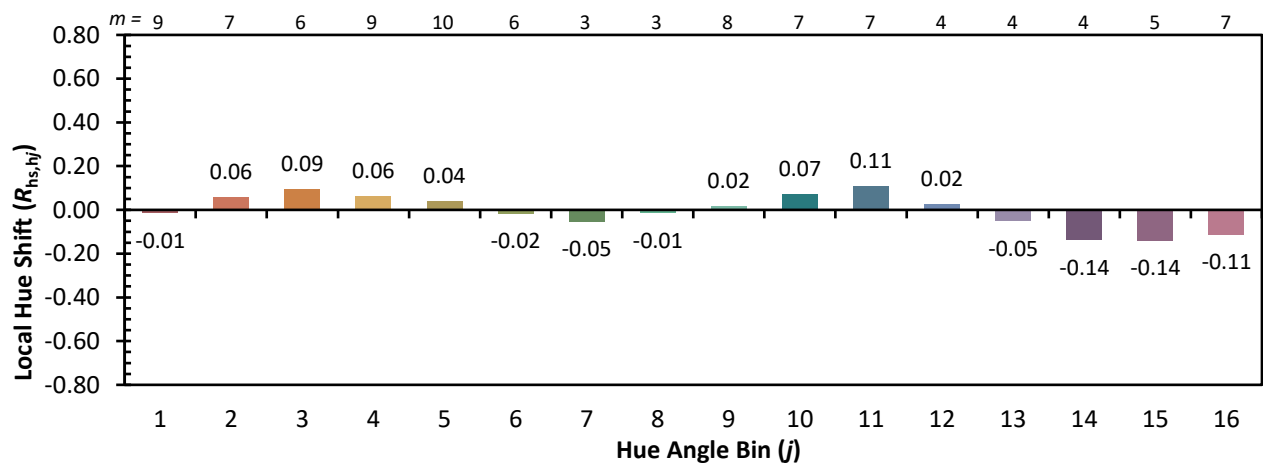
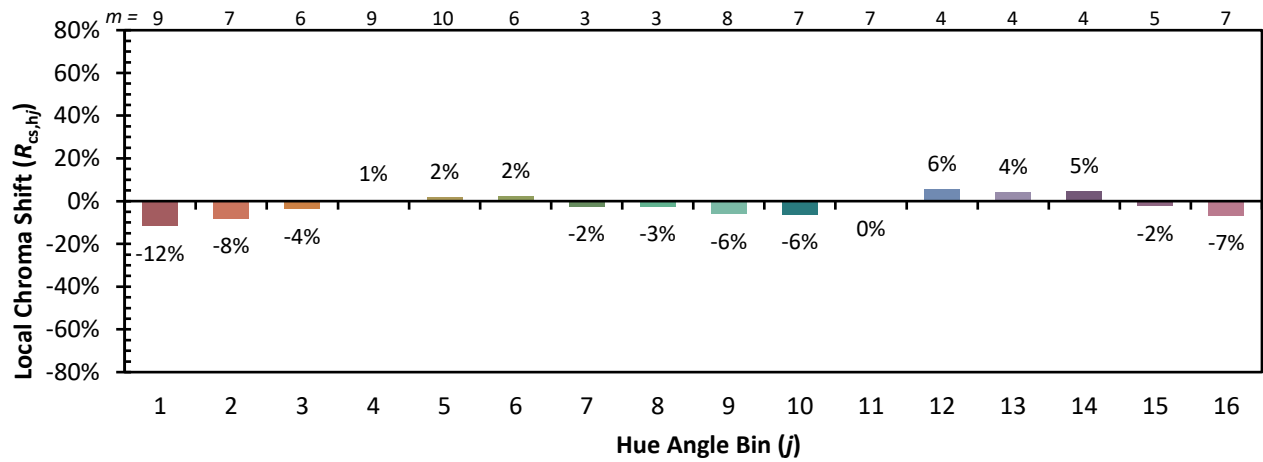


Individual Sample Fidelity Index ($R_{f,i}$)

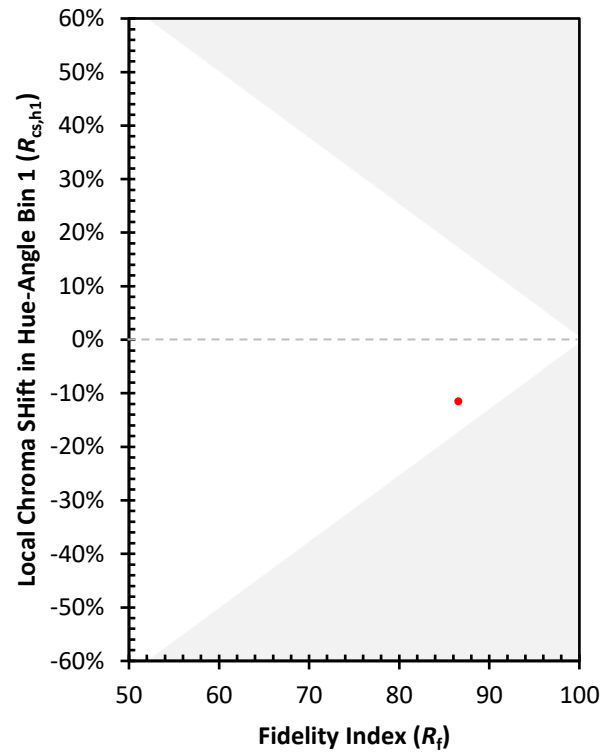
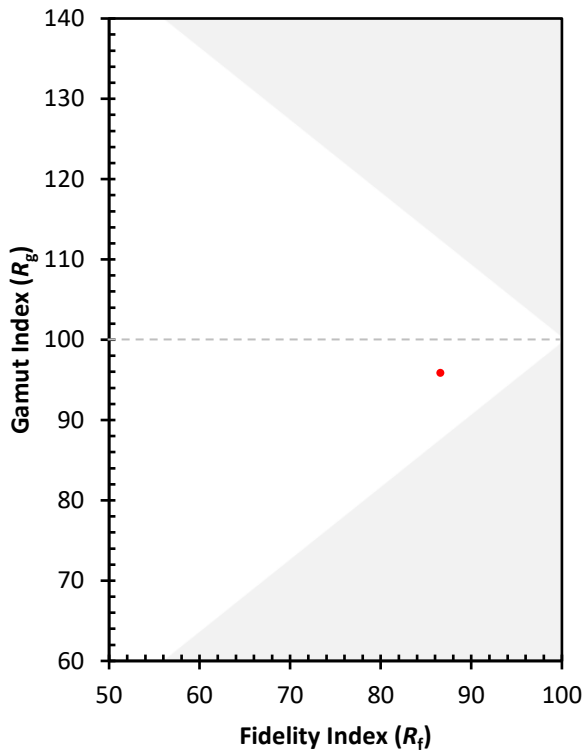
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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