

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: P1048581

Luminaire Tested: **GALN-SA6A-835-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048581
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6A-835-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 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: 19420.3 lumens
Efficiency: N/A
Efficacy: 119.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 162.9
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

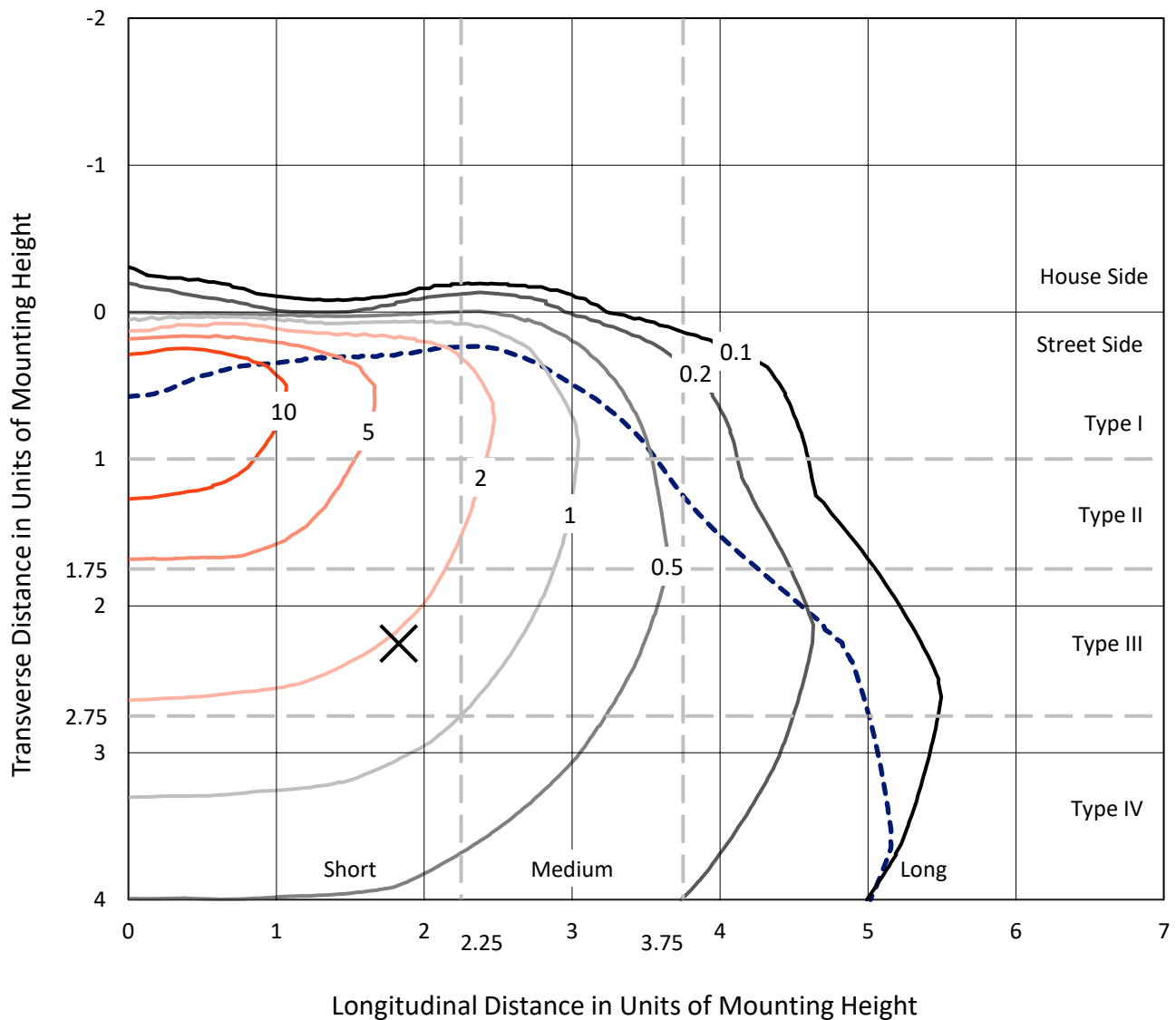


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

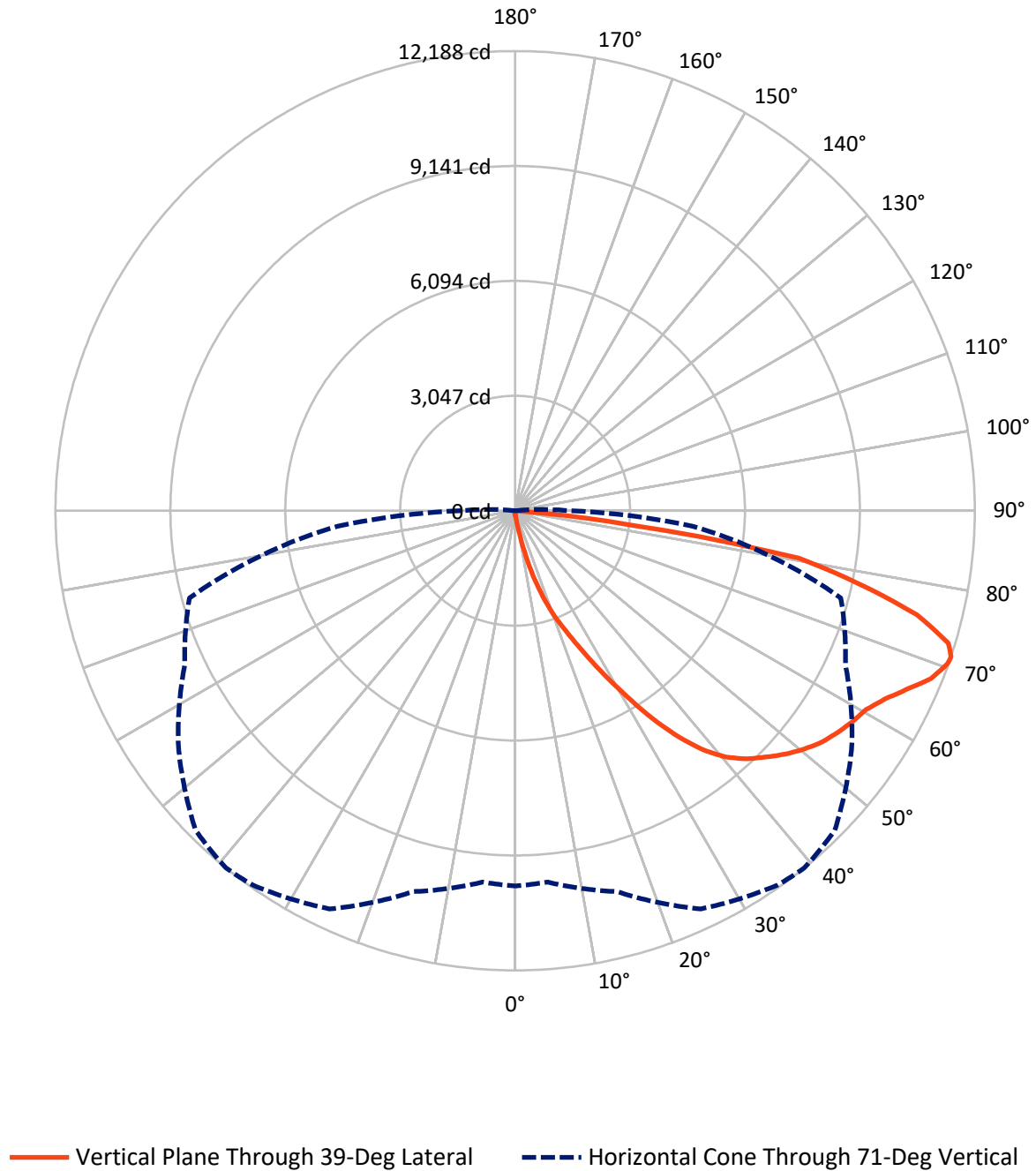


Based on 15 foot mounting height. Maximum calculated value = 20 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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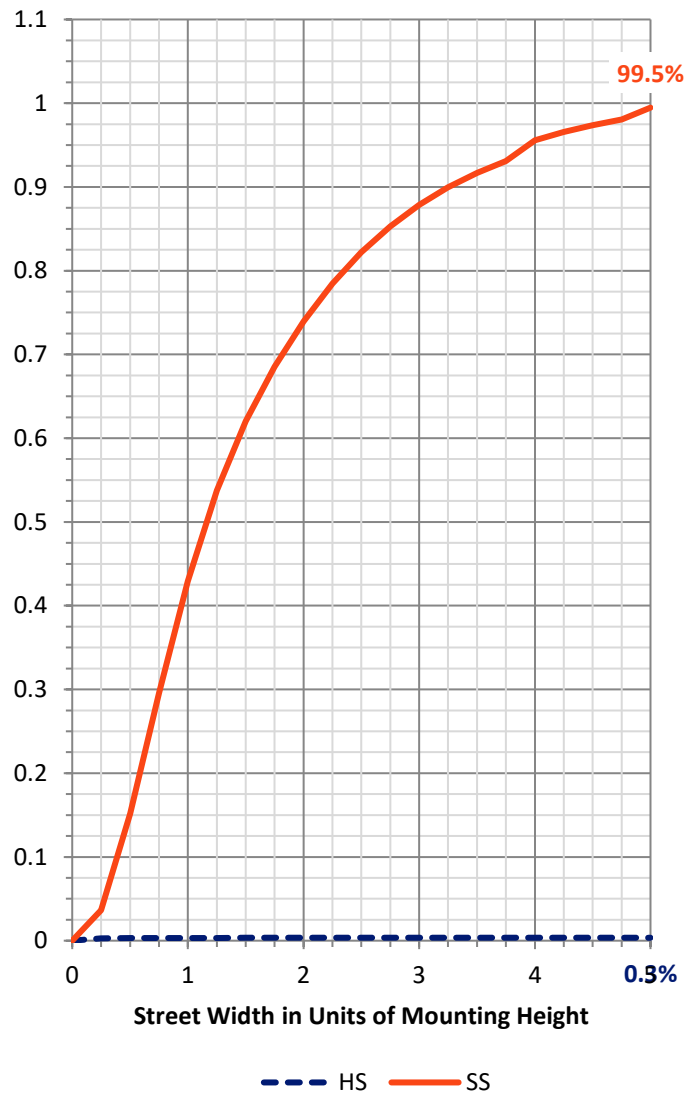
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	69.0	0.0	69.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	19351.3	0.0	19351.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	19420.3	0.0	19420.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.2	0.1
10°-20°	207.6	1.1
20°-30°	739.2	3.8
30°-40°	1781.5	9.2
40°-50°	2981.5	15.4
50°-60°	3829.4	19.7
60°-70°	4846.1	25.0
70°-80°	4320.5	22.2
80°-90°	698.4	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°	19420.3	100.0
0°-180°	19420.3	100.0



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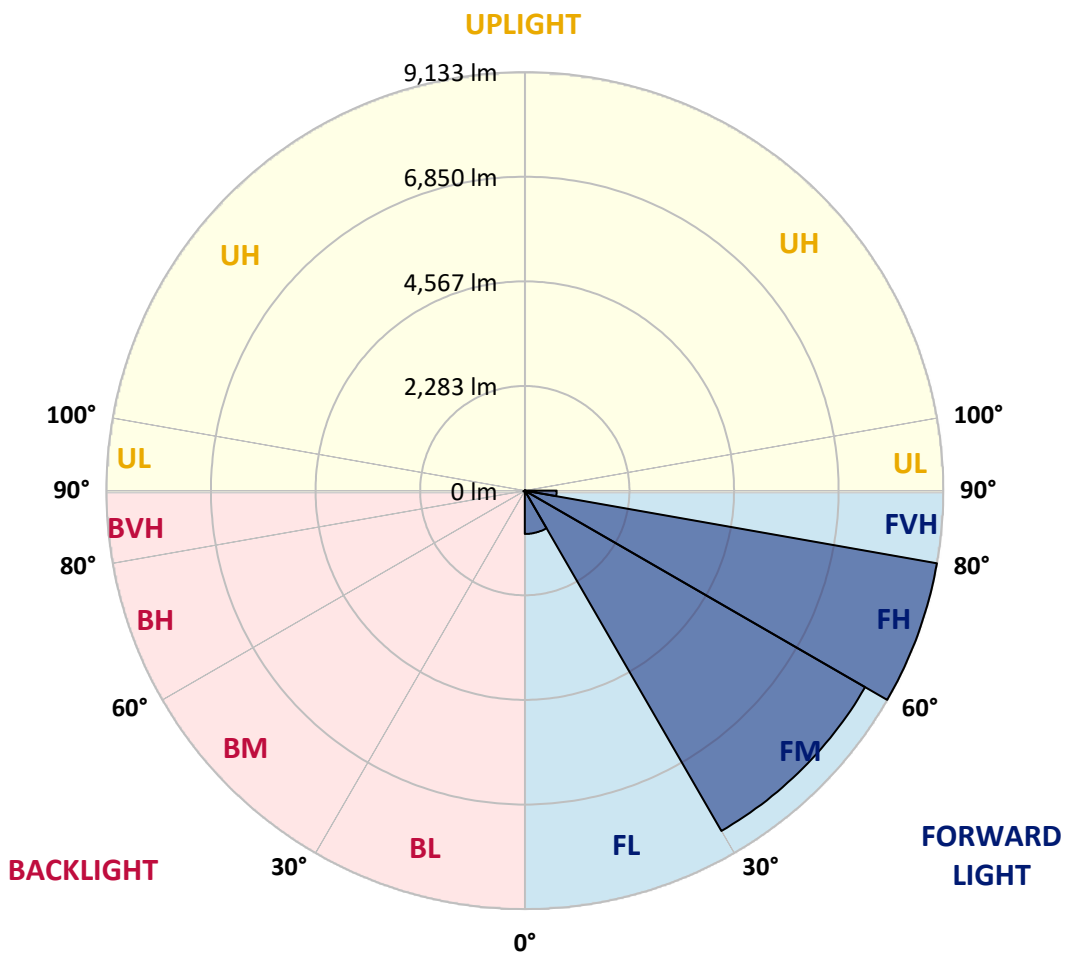
CATALOG NUMBER: GALN-SA6A-835-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	946.3	4.9			
FM	(30°-60°)	8576.4	44.2			
FH	(60°-80°)	9133.4	47.0			G4/12000
FVH	(80°-90°)	695.2	3.6			G4/750
BL	(0°-30°)	16.7	0.1	B0/110		
BM	(30°-60°)	16.0	0.1	B0/220		
BH	(60°-80°)	33.2	0.2	B0/110		G0/110
BVH	(80°-90°)	3.2	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-G4

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5
2.5°	122.3	122.3	122.3	118.3	118.3	117.0	115.7	115.7	113.1	111.7	109.1
5°	185.4	181.4	172.2	167.0	156.4	149.9	143.3	134.1	124.9	118.3	110.4
7.5°	419.4	428.6	398.3	341.8	284.0	259.0	216.9	174.8	144.6	124.9	111.7
10°	1068.8	1063.6	961.0	848.0	654.7	577.1	452.2	285.3	186.7	136.7	113.1
12.5°	1818.2	1812.9	1692.0	1538.1	1283.1	1121.4	884.8	532.4	268.2	155.1	113.1
15°	2447.9	2426.8	2388.7	2236.2	1937.8	1802.4	1489.5	941.3	433.8	186.7	115.7
17.5°	2864.6	2846.2	2810.7	2755.5	2566.2	2405.8	2154.7	1479.0	702.0	241.9	120.9
20°	3247.2	3234.0	3205.1	3194.6	3072.3	2986.9	2779.2	2096.9	1093.8	328.7	128.8
22.5°	3773.1	3745.4	3757.3	3694.2	3574.5	3472.0	3344.5	2743.7	1572.3	473.3	143.3
25°	4417.2	4404.1	4371.2	4326.5	4160.9	4071.5	3875.6	3353.7	2107.4	662.6	159.1
27.5°	5195.5	5181.0	5173.2	5070.6	4880.0	4782.7	4509.3	3929.5	2709.5	928.1	180.1
30°	6092.1	6098.7	6047.4	5915.9	5693.8	5557.0	5275.7	4532.9	3326.1	1239.7	202.5
32.5°	7020.2	7007.1	6928.2	6773.1	6574.6	6447.1	6089.5	5194.2	3972.9	1651.2	228.7
35°	8020.7	7995.7	7788.0	7610.5	7440.9	7280.5	6954.5	5962.0	4619.7	2112.6	264.2
37.5°	9030.4	8913.3	8496.6	8271.8	8154.8	8023.3	7719.6	6781.0	5262.6	2628.0	307.6
40°	9792.9	9702.1	9207.8	8793.7	8700.4	8588.6	8362.5	7488.3	5946.2	3181.5	360.2
42.5°	10214.9	10164.9	9720.5	9311.7	9092.1	8993.5	8800.3	8106.2	6621.9	3792.8	436.5
45°	10395.0	10317.4	10020.3	9829.7	9480.0	9316.9	9086.9	8572.9	7327.9	4486.9	543.0
47.5°	10339.7	10295.0	10082.1	10151.8	9898.0	9644.3	9306.4	8930.4	7931.3	5283.6	688.9
50°	9992.7	9954.6	9888.8	10266.1	10234.6	9934.8	9590.4	9213.1	8424.3	6105.2	915.0
52.5°	9332.7	9316.9	9485.2	10176.7	10425.2	10191.2	9863.8	9462.9	8884.4	6963.7	1238.4
55°	8482.1	8546.6	9027.7	10037.4	10522.5	10380.5	10105.7	9696.9	9253.8	7731.5	1715.6
57.5°	8132.4	8149.5	8750.3	9938.8	10565.9	10547.5	10341.1	9920.4	9593.0	8345.4	2443.9
60°	8541.3	8515.0	8831.8	10013.7	10652.6	10697.3	10550.1	10128.1	9887.5	8872.6	3414.2
62.5°	9280.1	9265.7	9366.9	10333.2	10906.4	10997.1	10840.6	10278.0	10147.8	9219.7	4521.1
65°	9940.1	9909.9	10097.9	10899.8	11352.0	11416.4	11279.7	10534.3	10262.2	9472.1	5561.0
67.5°	10225.4	10218.8	10521.2	11438.8	11820.0	11889.7	11770.1	10888.0	10235.9	9552.3	6019.8
70°	10095.2	10070.2	10554.0	11667.5	12084.3	12163.2	12047.5	11019.4	9950.6	9298.5	5340.1
71°	9951.9	9884.9	10455.4	11651.8	12121.1	12188.1	11985.7	10899.8	9664.0	8938.3	4723.5
72.5°	9507.6	9519.4	10184.6	11487.4	12033.0	12013.3	11636.0	10471.2	9318.3	8120.6	3794.1
75°	8413.8	8483.5	9307.7	10797.2	11246.9	10995.8	10418.6	9652.2	8624.1	5822.6	2634.6
77.5°	6875.6	6979.5	7885.3	9469.4	9341.9	9316.9	9293.3	8504.5	7364.7	3127.6	1832.6
80°	3282.7	3507.5	4756.4	6759.9	7343.7	7626.3	7448.8	6853.3	5695.1	1489.5	1095.1
82.5°	214.3	211.7	299.7	567.9	2394.0	3094.7	4916.8	4898.4	3970.3	725.7	447.0
85°	101.2	103.9	114.4	130.2	151.2	165.6	228.7	1340.9	1899.7	345.8	97.3
87.5°	59.2	60.5	71.0	90.7	118.3	131.5	156.4	201.1	247.2	190.6	21.0
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: P1048581

CATALOG NUMBER: GALN-SA6A-835-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5
2.5°	107.8	106.5	102.5	98.6	94.7	92.0	90.7	92.0	92.0	93.3	93.3
5°	107.8	103.9	97.3	89.4	84.1	78.9	76.2	74.9	76.2	76.2	76.2
7.5°	106.5	99.9	90.7	81.5	74.9	68.4	65.7	64.4	64.4	65.7	65.7
10°	103.9	97.3	85.5	74.9	67.0	59.2	55.2	51.3	51.3	51.3	52.6
12.5°	102.5	93.3	78.9	68.4	57.8	48.6	40.8	36.8	38.1	38.1	38.1
15°	99.9	89.4	74.9	61.8	48.6	36.8	30.2	26.3	27.6	28.9	27.6
17.5°	99.9	88.1	69.7	53.9	38.1	27.6	22.3	19.7	19.7	21.0	21.0
20°	99.9	85.5	65.7	46.0	28.9	21.0	15.8	14.5	14.5	17.1	18.4
22.5°	102.5	85.5	60.5	38.1	23.7	15.8	11.8	10.5	11.8	14.5	15.8
25°	106.5	84.1	55.2	34.2	19.7	11.8	9.2	6.6	7.9	10.5	11.8
27.5°	110.4	82.8	50.0	30.2	15.8	9.2	6.6	5.3	3.9	5.3	5.3
30°	114.4	82.8	44.7	25.0	13.1	6.6	3.9	2.6	1.3	0.0	0.0
32.5°	117.0	80.2	40.8	19.7	10.5	5.3	2.6	1.3	0.0	0.0	0.0
35°	119.6	77.6	35.5	15.8	7.9	3.9	1.3	0.0	0.0	0.0	0.0
37.5°	122.3	73.6	30.2	13.1	6.6	2.6	0.0	0.0	0.0	0.0	0.0
40°	124.9	68.4	25.0	11.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	127.5	64.4	21.0	9.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0
45°	134.1	61.8	17.1	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	145.9	59.2	15.8	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	163.0	56.5	14.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	186.7	55.2	13.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	228.7	53.9	11.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	301.1	52.6	11.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	461.4	50.0	11.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	824.3	48.6	10.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1436.9	50.0	10.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2060.1	52.6	9.2	3.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	1762.9	46.0	9.2	5.3	2.6	1.3	0.0	0.0	0.0	0.0	0.0
71°	1436.9	40.8	9.2	5.3	2.6	1.3	1.3	0.0	0.0	0.0	0.0
72.5°	924.2	31.6	7.9	5.3	2.6	2.6	1.3	0.0	0.0	0.0	0.0
75°	390.5	26.3	7.9	5.3	3.9	2.6	2.6	1.3	0.0	0.0	0.0
77.5°	167.0	19.7	7.9	6.6	5.3	3.9	3.9	2.6	1.3	0.0	0.0
80°	63.1	15.8	9.2	7.9	6.6	6.6	5.3	2.6	1.3	0.0	0.0
82.5°	28.9	13.1	9.2	7.9	7.9	6.6	5.3	3.9	2.6	0.0	0.0
85°	18.4	11.8	9.2	7.9	7.9	6.6	6.6	3.9	2.6	0.0	0.0
87.5°	14.5	11.8	9.2	9.2	7.9	7.9	5.3	3.9	1.3	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

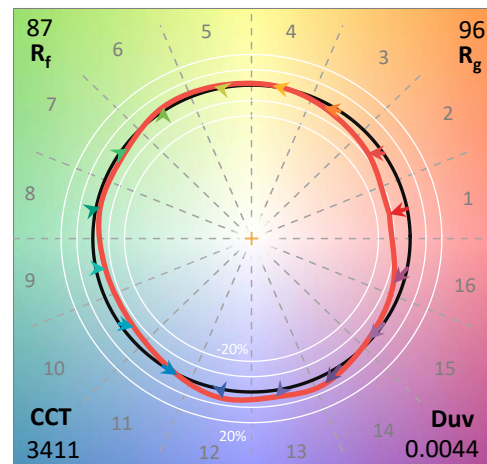
Test Information

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

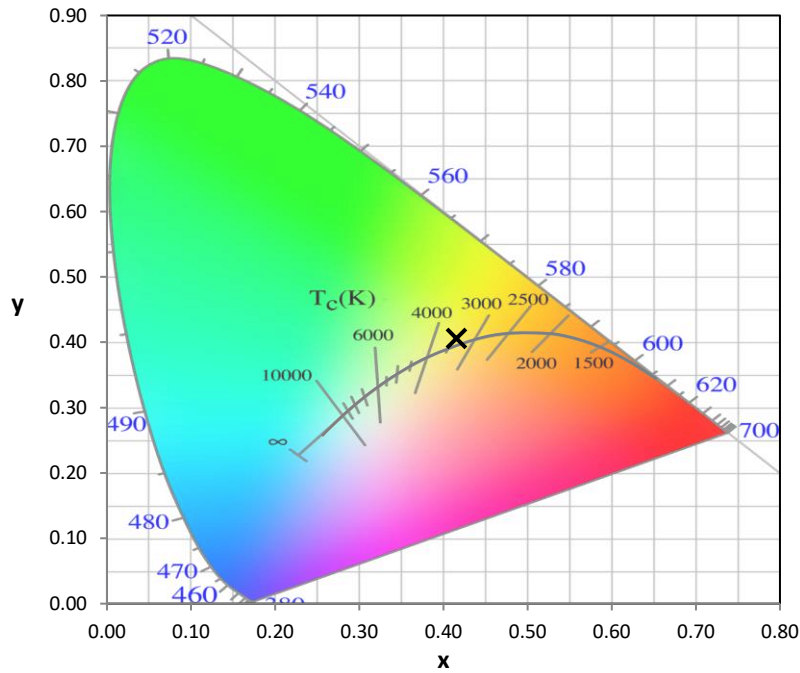
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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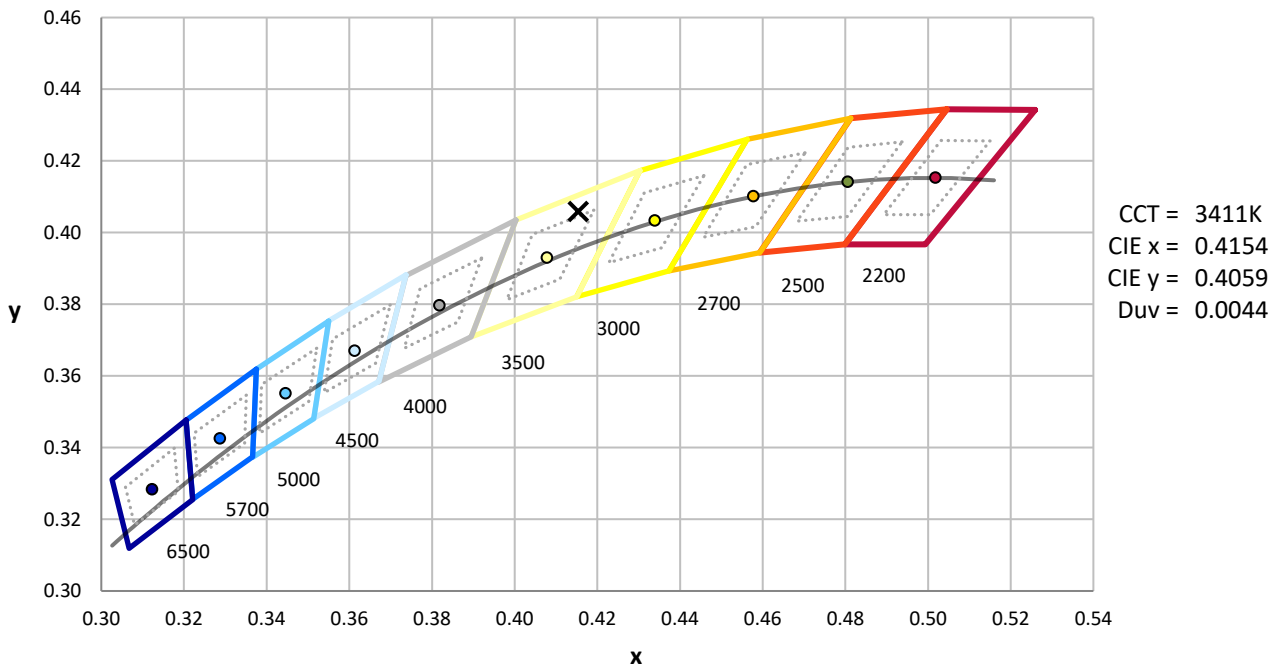
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



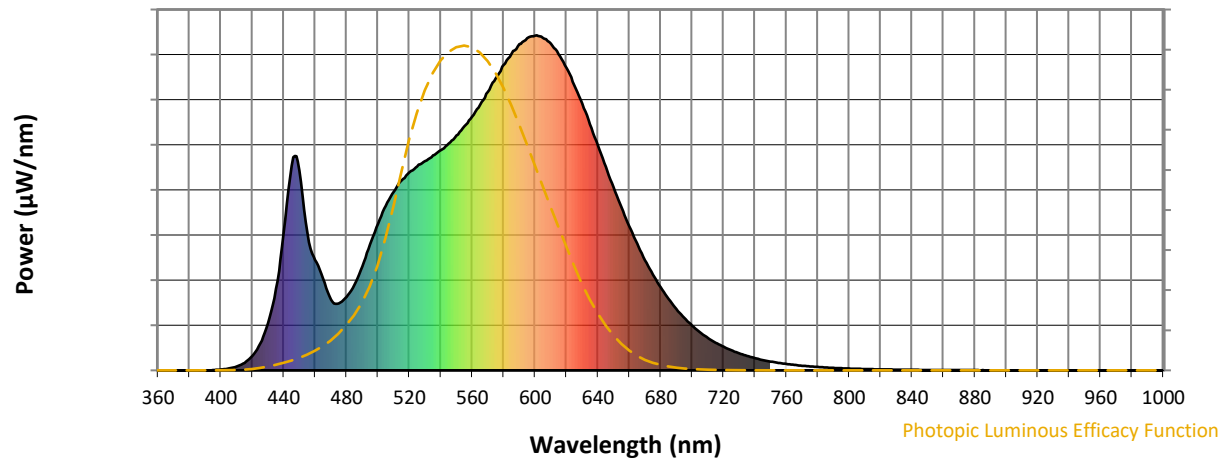
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

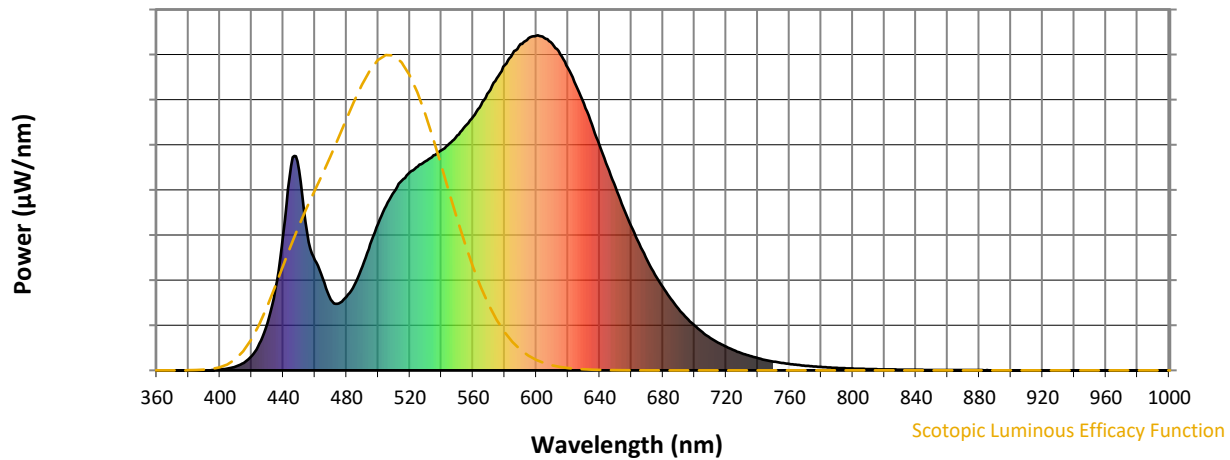


Photopic Lumens: NR

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



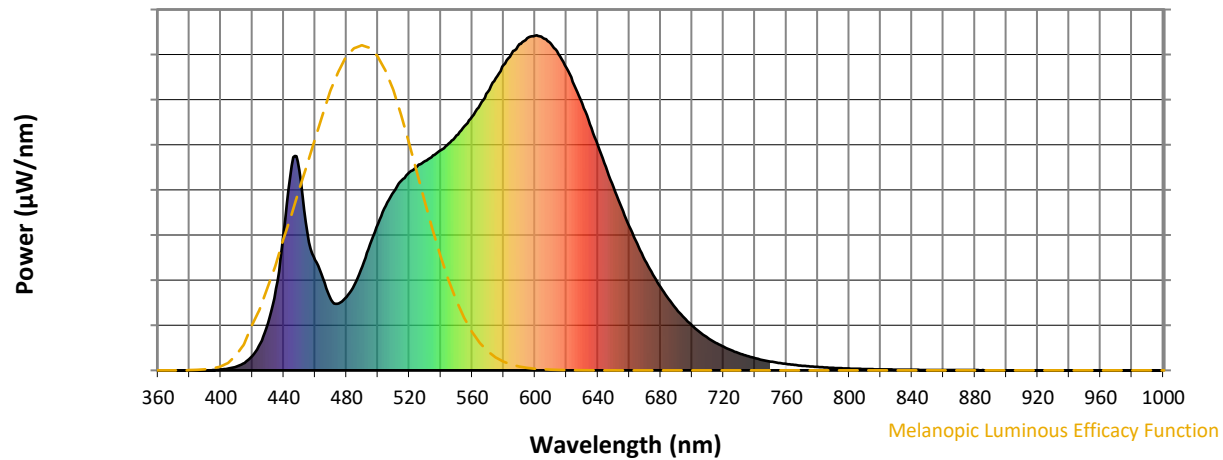
Scotopic Lumens: NR

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

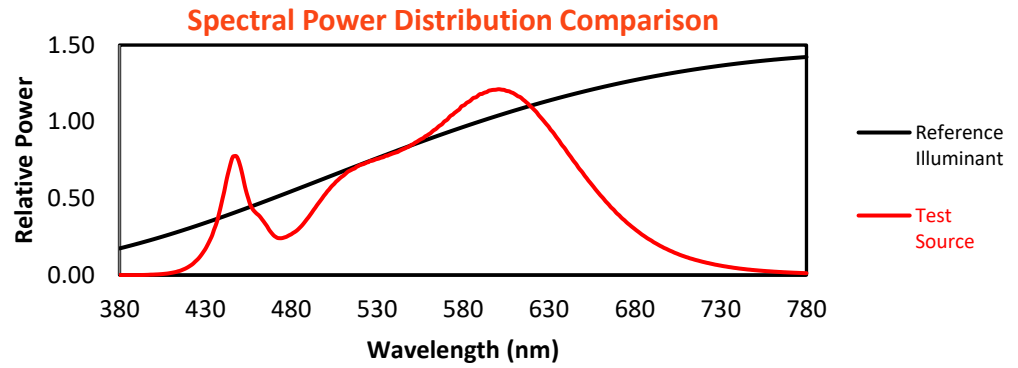
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438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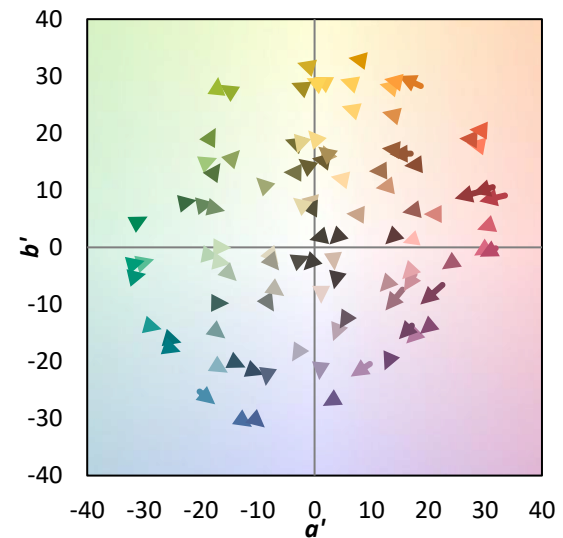
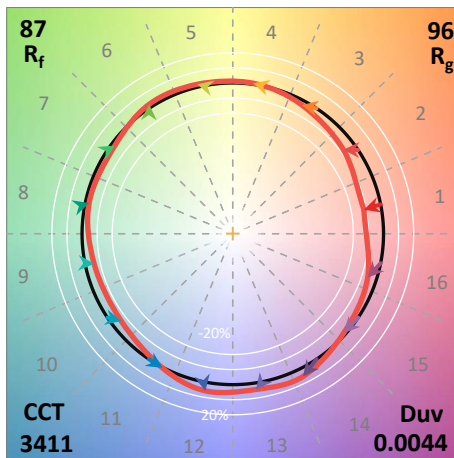
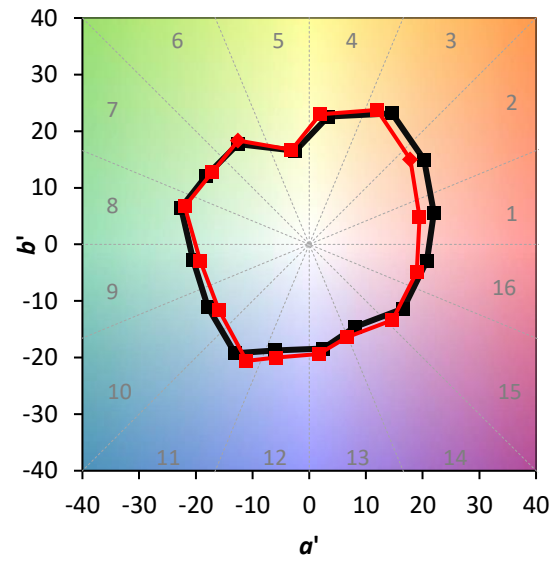
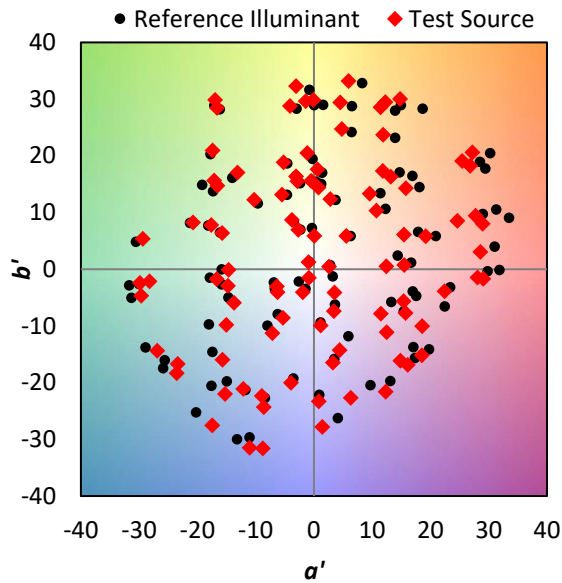
TM-30-18

Summary

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

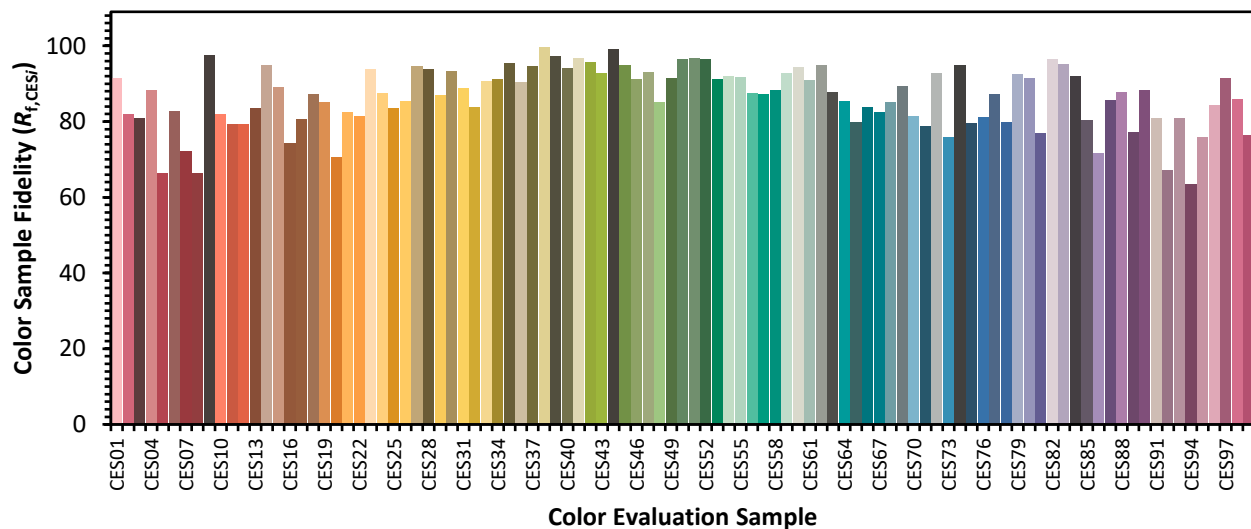


Color Vector Graphics

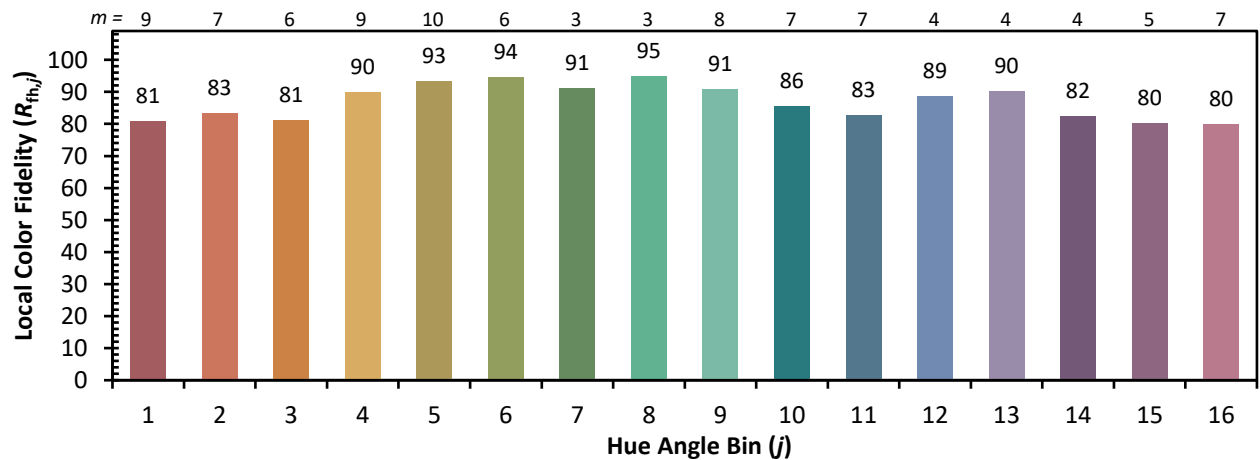
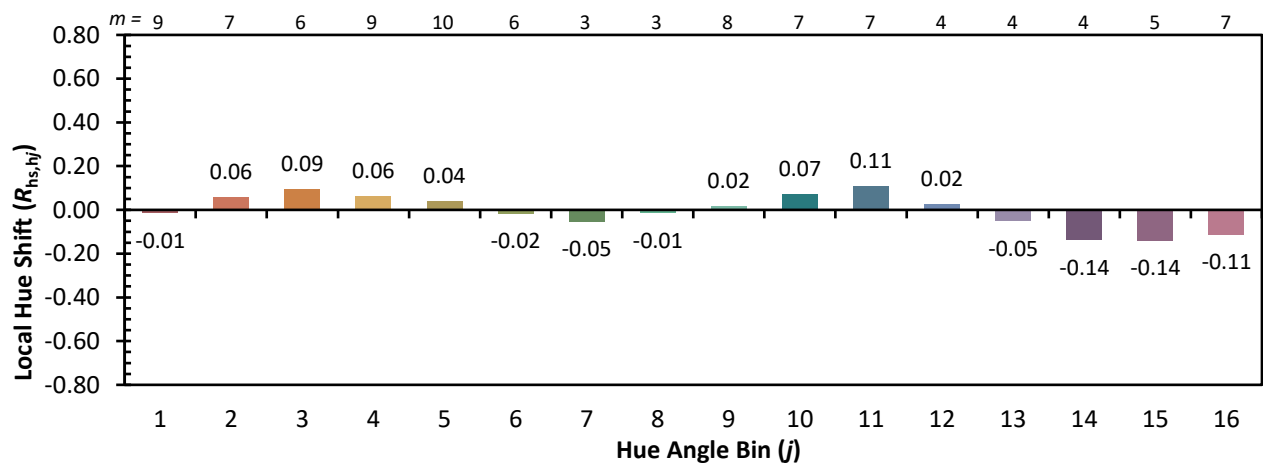
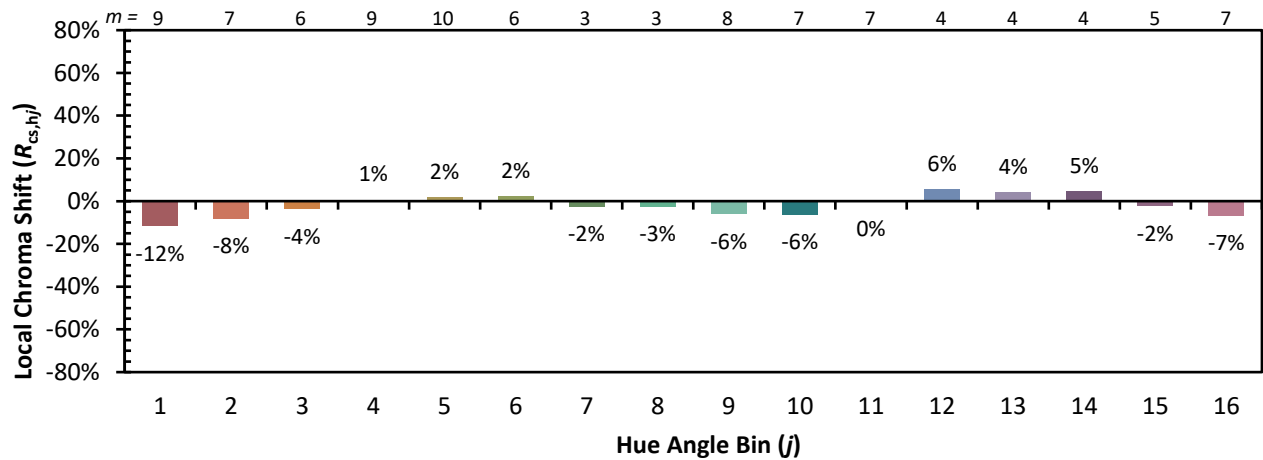


Individual Sample Fidelity Index (R_{fi})

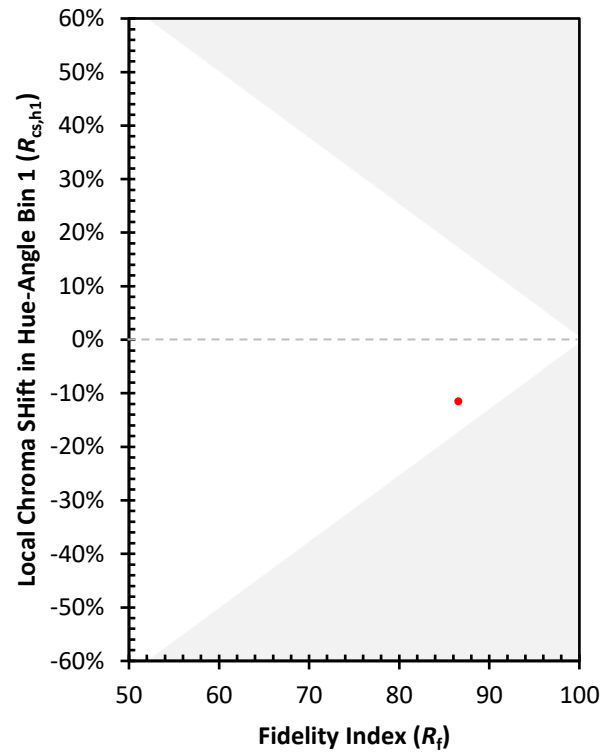
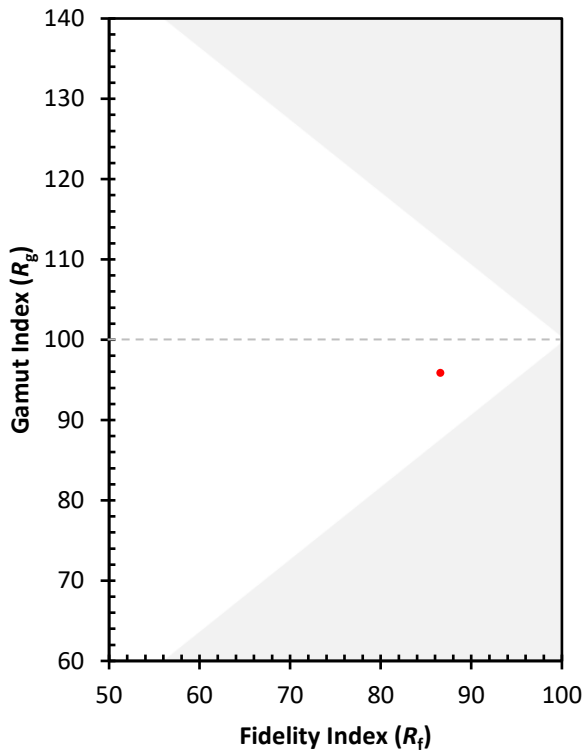
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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