

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: P1047955

Luminaire Tested: **GALN-SA2C-835-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047955
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2C-835-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10179.9 lumens
Efficiency: N/A
Efficacy: 105.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 96.2
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



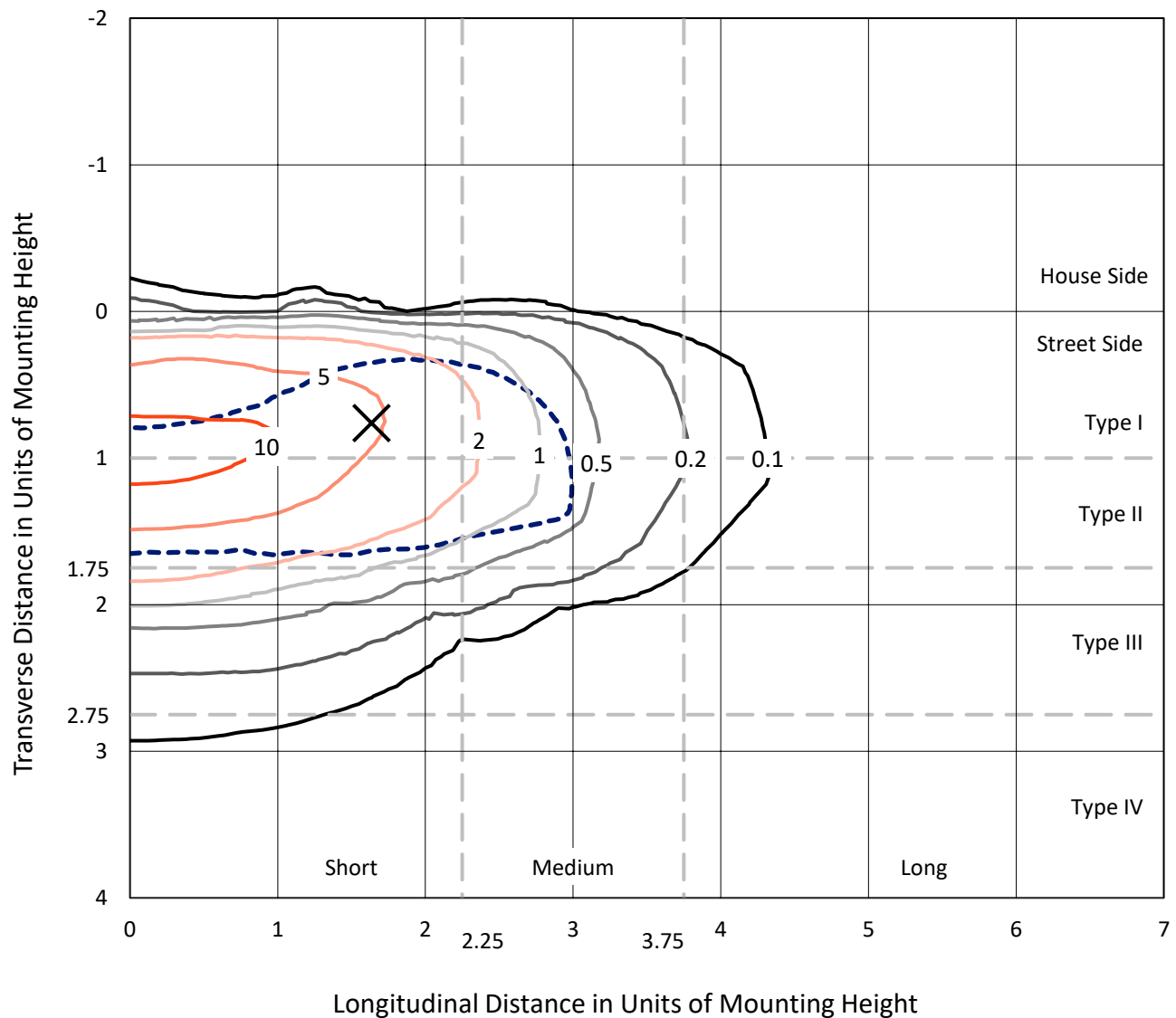
REPORT NUMBER: P1047955

CATALOG NUMBER: GALN-SA2C-835-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

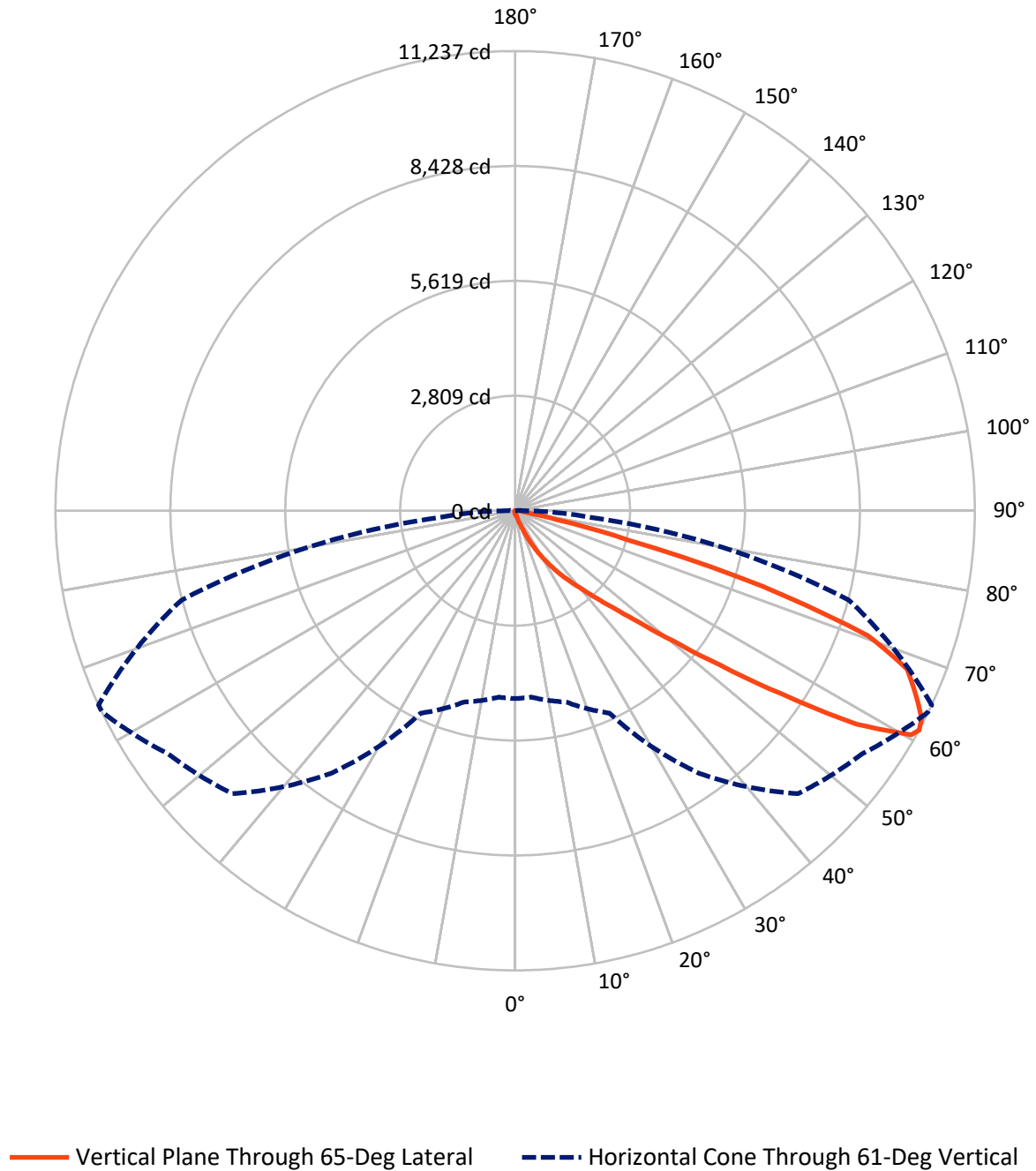


Based on 15 foot mounting height. Maximum calculated value = 13.5 fc
 Type II - Short - N/A

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CATALOG NUMBER: GALN-SA2C-835-U-T2BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	43.4	0.0	43.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10136.4	0.0	10136.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	10179.9	0.0	10179.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.9	0.1
10°-20°	83.7	0.8
20°-30°	300.4	3.0
30°-40°	799.8	7.9
40°-50°	2101.2	20.6
50°-60°	3255.1	32.0
60°-70°	2729.4	26.8
70°-80°	803.2	7.9
80°-90°	99.1	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°	10179.9	100.0
0°-180°	10179.9	100.0



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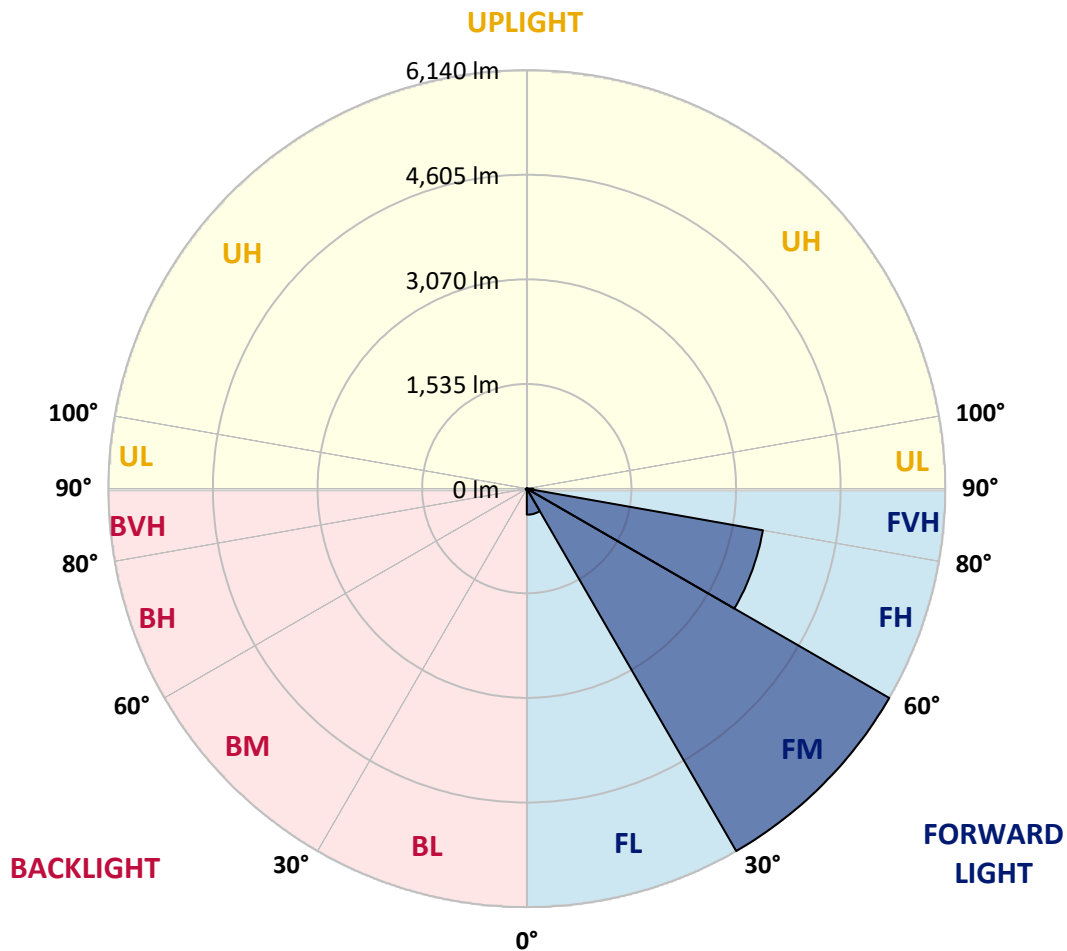
CATALOG NUMBER: GALN-SA2C-835-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	382.3	3.8			
FM	(30°-60°)	6139.6	60.3			
FH	(60°-80°)	3517.3	34.6			G2/5000
FVH	(80°-90°)	97.2	1.0			G1/100
BL	(0°-30°)	9.7	0.1	B0/110		
BM	(30°-60°)	16.5	0.2	B0/220		
BH	(60°-80°)	15.3	0.2	B0/110		G0/110
BVH	(80°-90°)	1.8	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-G2

Type II Short



REPORT NUMBER: P1047955

CATALOG NUMBER: GALN-SA2C-835-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
2.5°	75.6	76.3	74.9	72.1	70.0	70.0	69.3	67.2	67.2	65.1	63.7
5°	105.7	104.3	101.5	95.9	91.0	86.1	81.2	76.3	75.6	69.3	65.1
7.5°	173.0	174.4	165.3	147.8	133.1	114.1	96.6	86.1	84.7	74.2	65.8
10°	379.5	369.0	348.0	280.1	230.4	173.7	128.8	100.1	98.7	79.8	67.2
12.5°	691.9	683.5	644.9	574.9	446.8	310.9	188.4	123.9	119.7	84.7	67.9
15°	997.2	983.9	962.9	892.1	742.3	557.4	308.1	169.5	158.3	91.7	67.2
17.5°	1191.9	1194.0	1175.0	1144.9	1048.3	824.9	532.2	252.8	231.1	104.3	65.8
20°	1362.0	1357.1	1367.6	1351.5	1283.6	1121.1	774.5	400.6	363.4	124.6	66.5
22.5°	1558.1	1570.0	1577.7	1574.2	1499.3	1360.6	1049.7	599.4	552.5	161.8	68.6
25°	1820.7	1819.3	1820.0	1810.9	1738.1	1584.0	1325.6	846.6	799.0	222.0	73.5
27.5°	2095.9	2104.3	2107.8	2074.9	1979.7	1828.4	1581.2	1116.9	1060.9	318.6	79.8
30°	2471.9	2464.9	2448.8	2381.6	2266.1	2078.4	1833.3	1400.5	1341.7	453.8	89.6
32.5°	2978.9	2971.2	2890.0	2741.5	2568.6	2338.9	2086.8	1684.8	1613.4	622.5	102.9
35°	3814.3	3826.3	3626.7	3242.2	2932.0	2651.9	2367.6	1967.7	1904.7	830.5	121.1
37.5°	5093.7	5028.6	4757.6	4078.3	3410.3	3042.7	2635.8	2253.5	2198.8	1086.8	145.0
40°	6336.7	6272.3	6193.8	5550.3	4241.5	3473.3	3011.1	2588.9	2518.2	1376.0	180.0
42.5°	7643.4	7607.7	7604.2	7118.9	5758.3	4150.5	3462.8	2981.7	2921.5	1693.2	237.4
45°	8569.1	8533.4	8608.4	8693.1	7824.1	5601.4	4249.2	3492.2	3404.7	2078.4	329.1
47.5°	8693.8	8695.2	8895.5	9160.9	9359.0	7845.8	5296.8	4168.7	4062.2	2629.5	483.2
50°	8279.2	8295.3	8614.0	9088.7	9622.3	9728.8	7144.1	5150.5	4992.9	3282.8	701.7
52.5°	7490.0	7508.2	7952.2	8733.0	9380.1	10181.2	9319.1	6434.7	6253.4	4098.0	1009.8
55°	6779.3	6790.5	7299.6	8286.2	9088.0	9935.4	10610.4	8149.7	7911.6	5100.7	1313.7
57.5°	6075.5	6049.6	6380.8	7510.3	9038.3	9633.6	10800.9	10104.1	9841.5	6196.6	1550.4
60°	5134.3	5090.9	5357.0	6075.5	8384.3	9831.7	10444.5	11185.3	11125.8	7722.5	1733.2
61°	4593.0	4574.8	4842.3	5458.6	7833.9	9781.3	10359.0	11230.9	11237.2	8444.5	1815.1
62.5°	3280.0	3331.9	3740.8	4541.9	6561.5	9454.3	10370.2	11090.1	11152.4	9403.9	2027.3
65°	1458.0	1541.3	1859.2	2511.2	3815.7	7864.7	10270.8	10781.3	10750.5	9667.2	2758.3
67.5°	864.8	877.4	1035.7	1422.9	2021.0	4230.3	9063.5	10373.0	10331.7	8415.8	3432.0
70°	681.4	687.7	738.1	892.8	1172.9	1620.4	5172.9	8974.6	9154.6	6824.1	3359.9
72.5°	646.3	644.9	651.9	679.3	738.8	803.9	2002.8	5965.6	6331.8	4914.5	2817.2
75°	637.9	635.1	628.1	617.6	535.0	473.4	620.4	2638.6	2850.8	3357.8	2121.1
77.5°	619.0	619.7	621.1	592.4	458.7	334.7	300.4	846.6	1041.3	2130.9	1507.7
80°	418.8	425.1	435.6	424.4	412.5	242.3	212.2	301.1	305.3	1196.1	995.8
82.5°	212.2	212.2	207.3	184.9	159.7	157.6	168.8	218.5	221.3	605.0	468.5
85°	128.1	135.2	138.0	125.3	114.8	105.7	128.8	173.7	180.0	234.6	109.2
87.5°	28.7	29.4	32.2	42.7	62.3	84.7	119.7	159.0	161.8	150.6	13.3
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: P1047955

CATALOG NUMBER: GALN-SA2C-835-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
2.5°	63.0	61.6	60.9	58.8	56.7	54.6	53.2	52.5	53.2	53.9	53.9
5°	62.3	60.2	56.7	53.2	50.4	47.6	44.8	44.1	44.1	44.8	44.8
7.5°	62.3	58.8	53.9	49.7	45.5	41.3	39.2	37.8	38.5	38.5	38.5
10°	62.3	58.1	51.8	45.5	40.6	35.7	32.2	30.8	30.8	30.8	30.8
12.5°	61.6	57.4	49.7	42.0	35.0	29.4	25.2	23.1	23.8	23.8	23.8
15°	60.2	55.3	46.9	35.7	28.0	22.4	18.2	16.1	16.8	18.2	18.9
17.5°	58.1	53.2	42.0	30.1	22.4	16.8	12.6	11.2	11.9	14.0	14.0
20°	57.4	51.1	37.1	24.5	16.8	11.9	8.4	7.0	7.7	10.5	11.2
22.5°	57.4	49.7	33.6	20.3	12.6	7.7	4.9	2.8	2.8	4.9	4.9
25°	58.1	49.0	30.8	16.8	9.1	5.6	2.8	1.4	2.8	7.7	9.1
27.5°	59.5	48.3	29.4	14.0	7.0	4.9	2.1	4.9	8.4	8.4	8.4
30°	60.9	46.9	27.3	11.9	6.3	3.5	3.5	7.0	7.0	8.4	9.1
32.5°	63.0	46.2	25.9	10.5	4.9	2.8	4.9	4.2	4.2	4.9	5.6
35°	67.2	46.9	24.5	10.5	4.9	3.5	4.2	2.1	1.4	1.4	1.4
37.5°	72.8	47.6	22.4	9.1	4.2	4.2	2.1	0.0	0.0	0.0	0.0
40°	81.9	49.7	21.0	8.4	3.5	3.5	0.7	0.0	0.0	0.0	0.0
42.5°	97.3	53.9	20.3	7.7	3.5	2.8	0.0	0.0	0.0	0.0	0.0
45°	128.1	63.7	18.9	7.0	3.5	1.4	0.0	0.0	0.0	0.0	0.0
47.5°	184.2	86.8	18.2	5.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0
50°	268.9	117.6	17.5	4.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	343.1	123.9	11.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	351.5	85.4	9.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	280.1	55.3	7.7	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	212.2	42.0	7.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	203.8	37.8	7.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	224.8	32.9	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	365.5	27.3	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	635.1	23.8	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	802.5	22.4	4.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	699.6	20.3	4.2	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0
75°	420.9	17.5	4.2	2.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	220.6	13.3	4.2	3.5	2.1	0.7	0.0	0.0	0.0	0.0	0.0
80°	107.1	11.9	4.9	3.5	2.8	1.4	0.0	0.0	0.0	0.0	0.0
82.5°	42.0	9.8	5.6	4.9	3.5	2.1	0.7	0.0	0.0	0.0	0.0
85°	18.9	8.4	6.3	5.6	4.9	2.8	0.7	0.0	0.0	0.0	0.0
87.5°	9.8	7.7	7.0	6.3	4.9	3.5	1.4	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

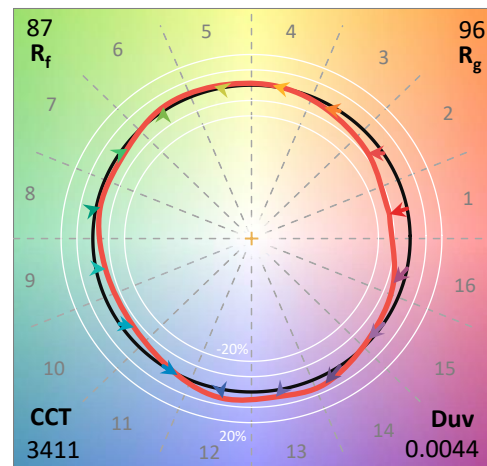
Test Information

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
 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

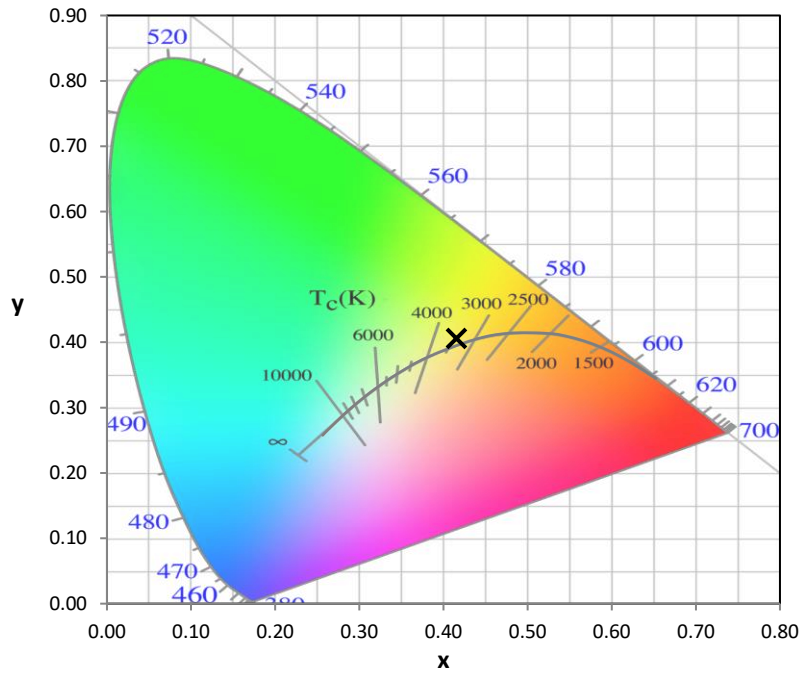
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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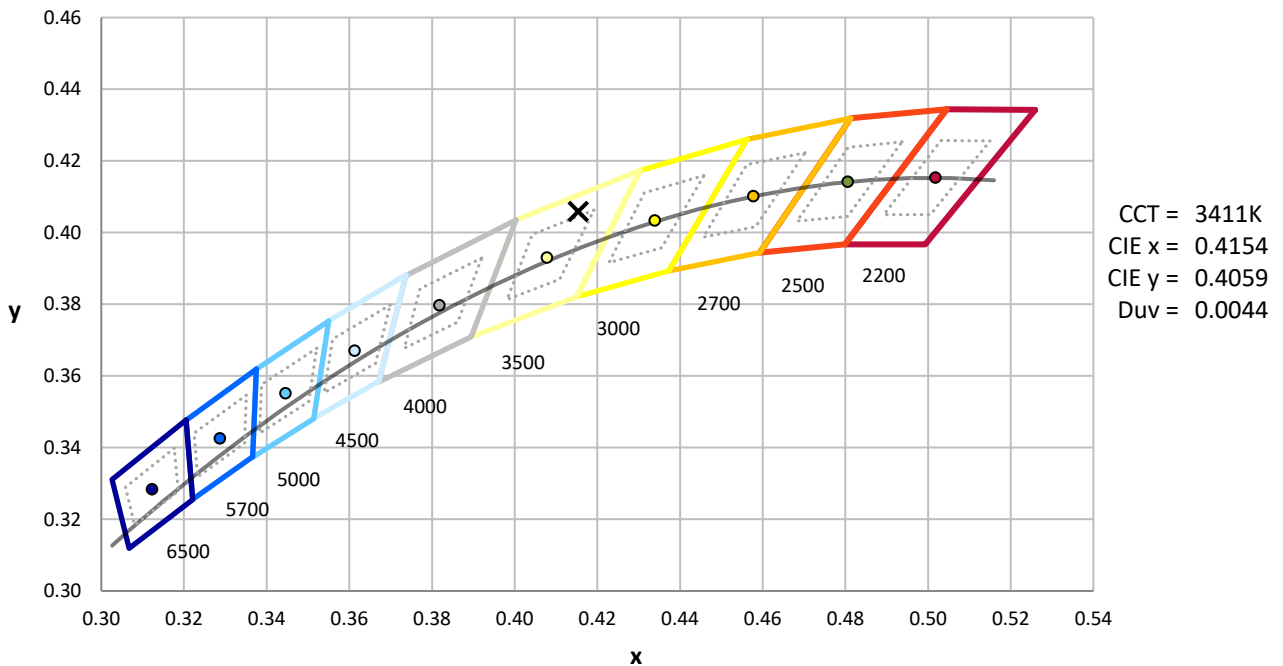
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



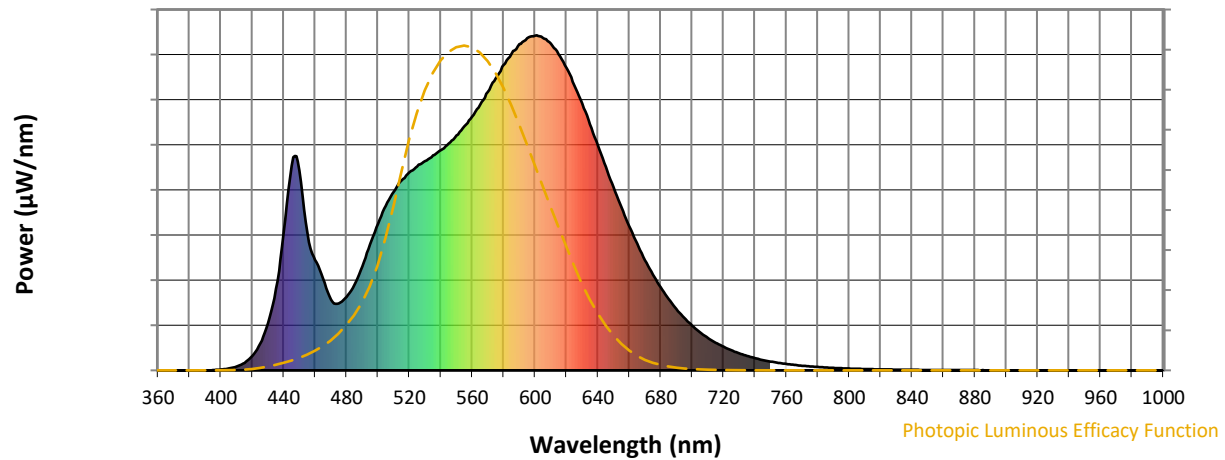
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

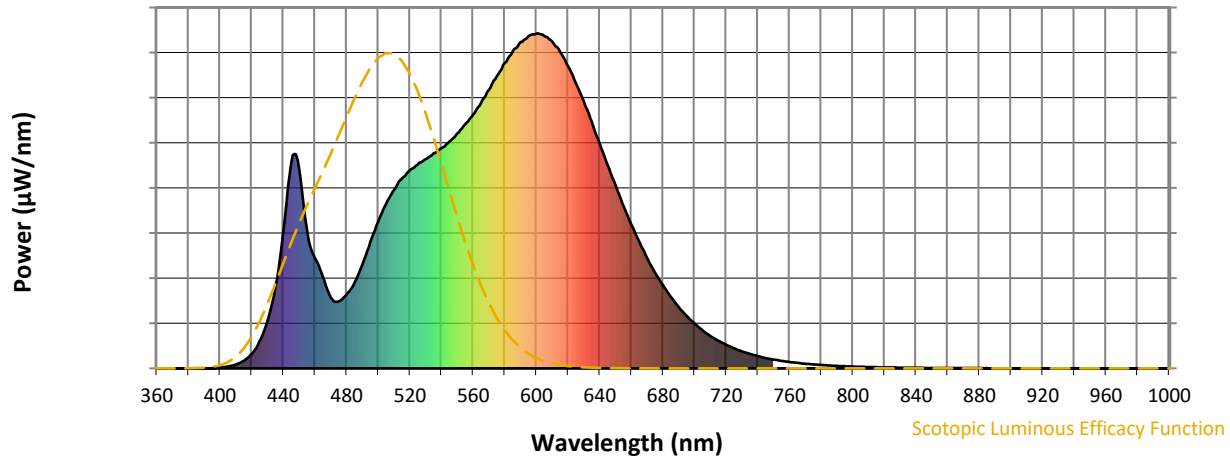


Photopic Lumens: NR

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

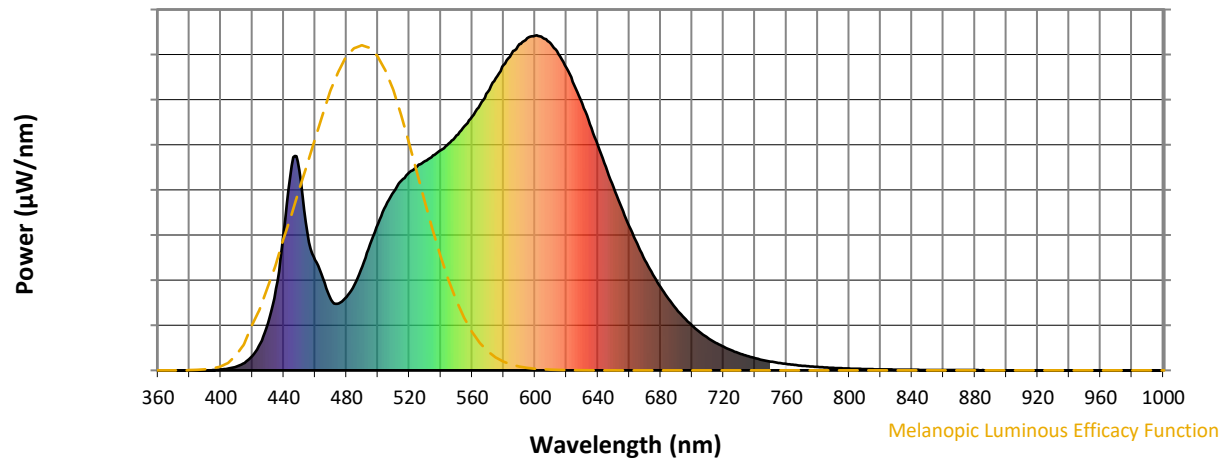


Scotopic Lumens: NR

S/P: 1.48

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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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Melanopic Flux vs. Wavelength

Melanopic Lumens: NR
M/P: 2.88

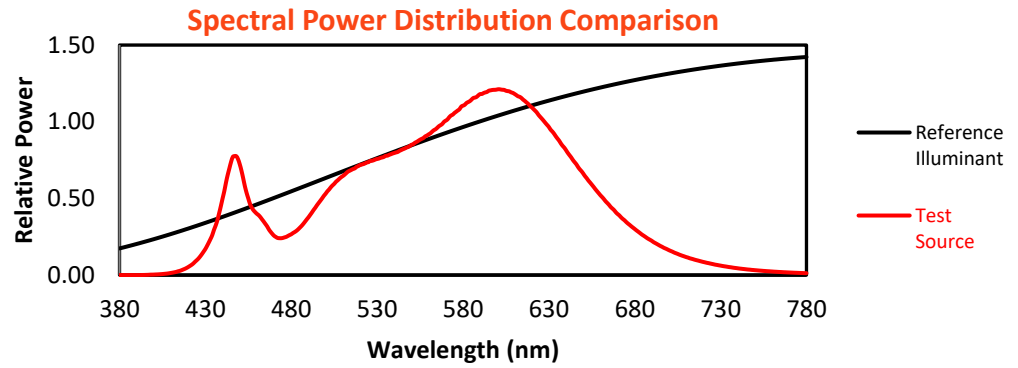
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903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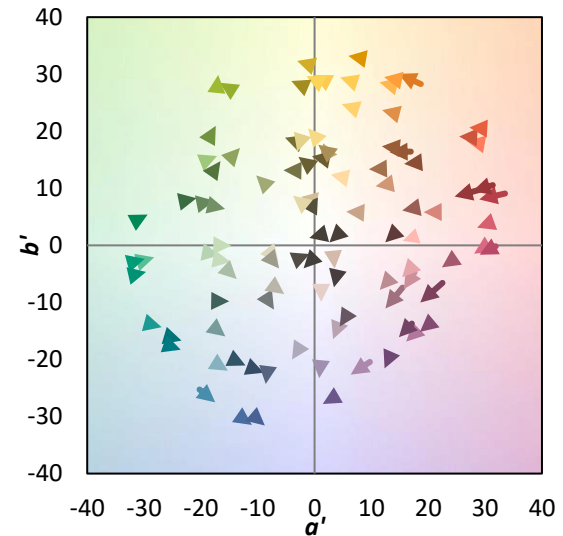
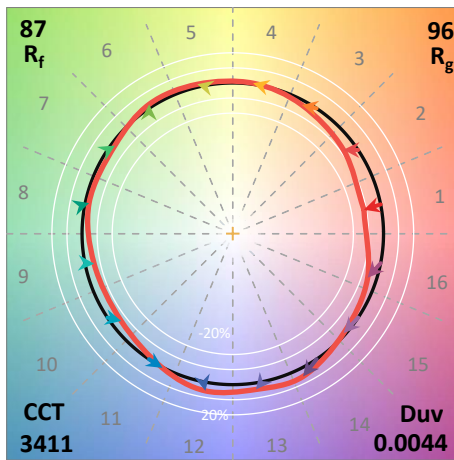
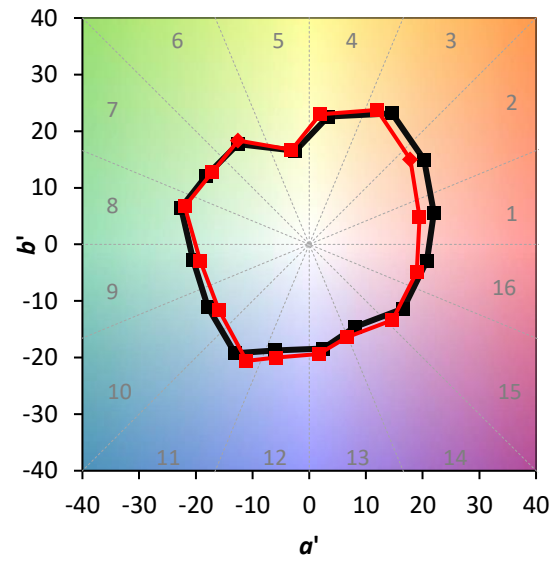
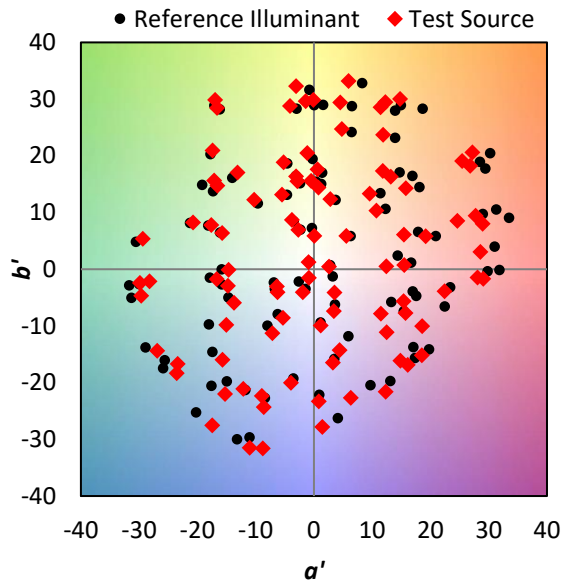
TM-30-18

Summary

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

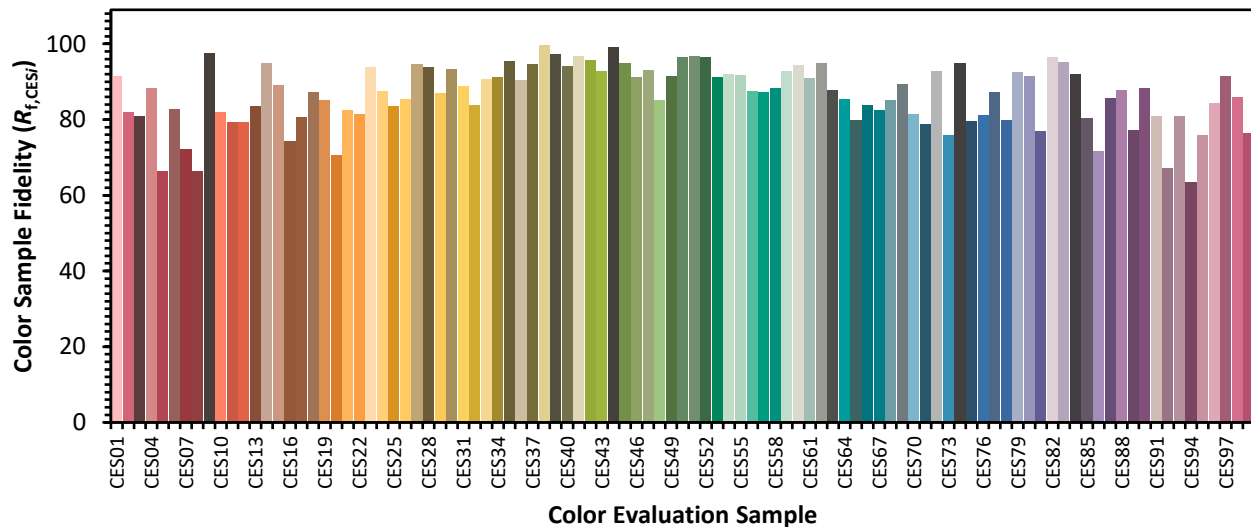


Color Vector Graphics

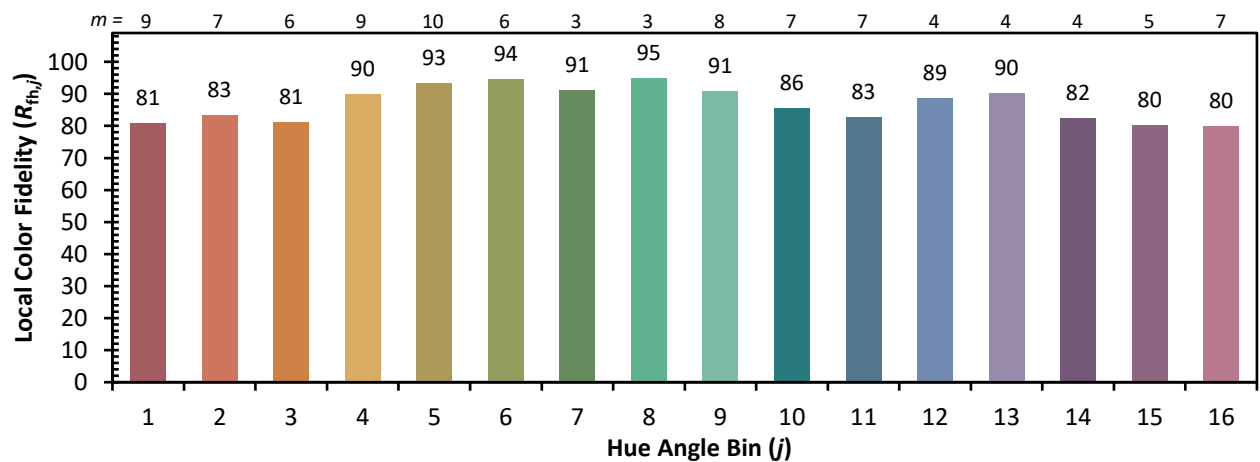
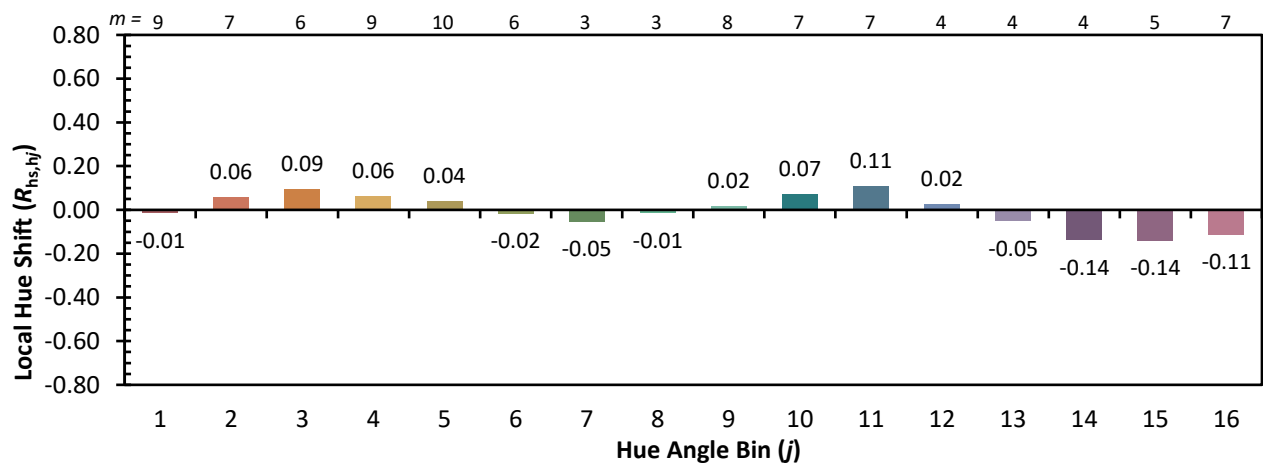
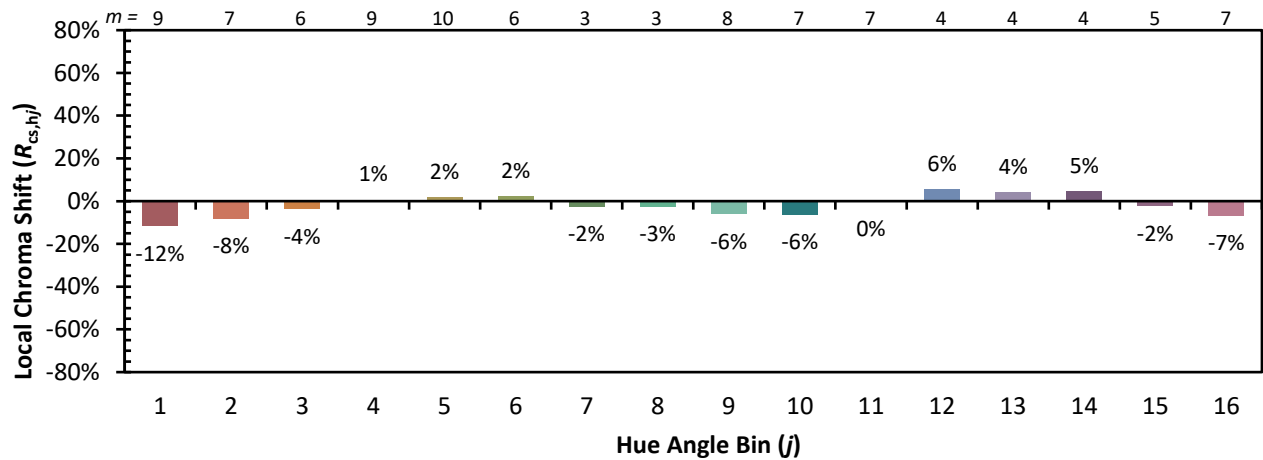


Individual Sample Fidelity Index ($R_{f,i}$)

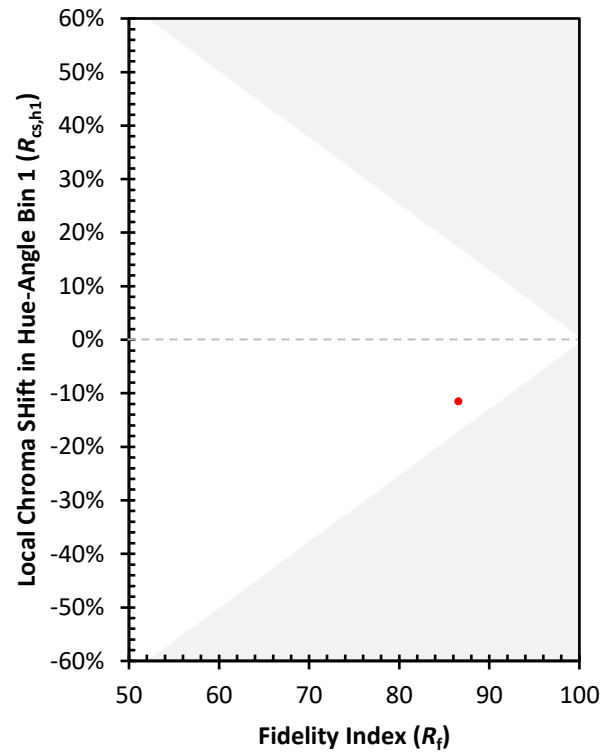
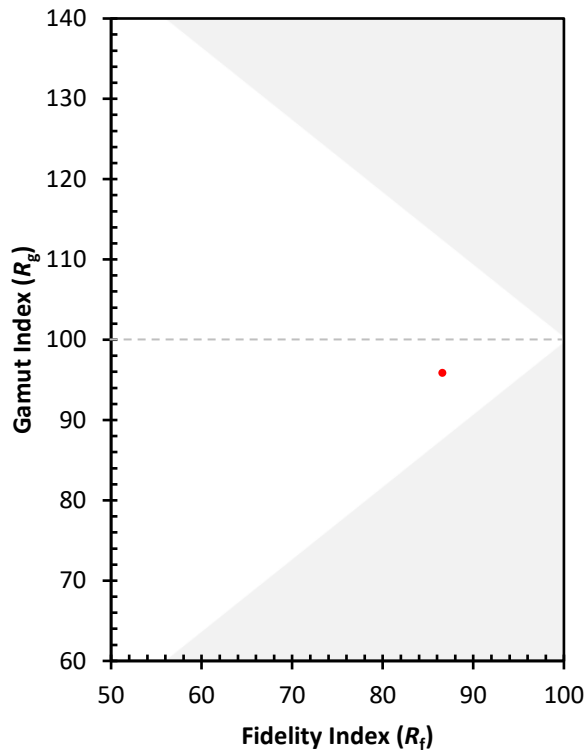
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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