

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: P1047338

Luminaire Tested: **GALN-SA1B-835-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047338
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1B-835-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4296.2 lumens
Efficiency: N/A
Efficacy: 111.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 38.7
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

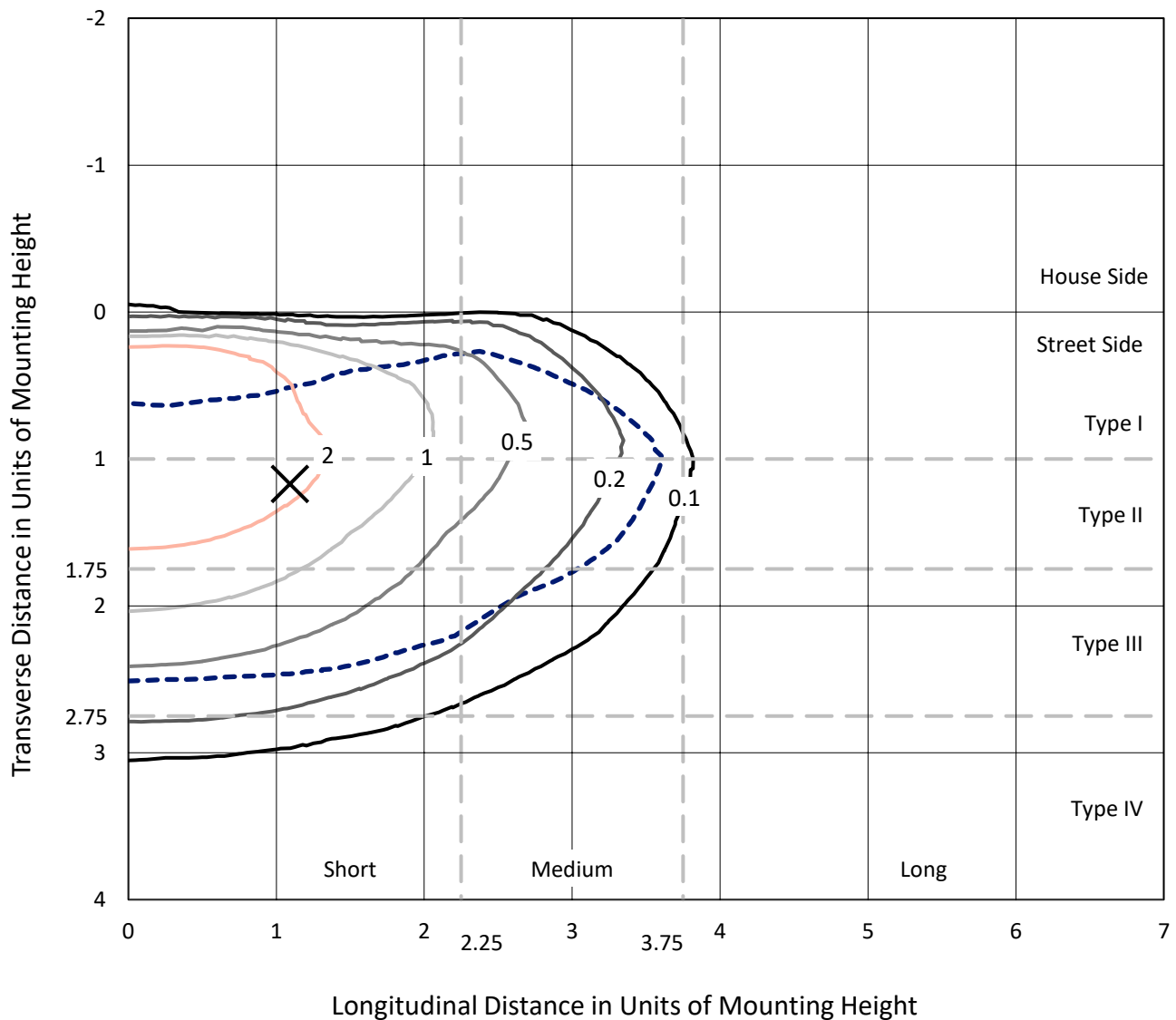


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

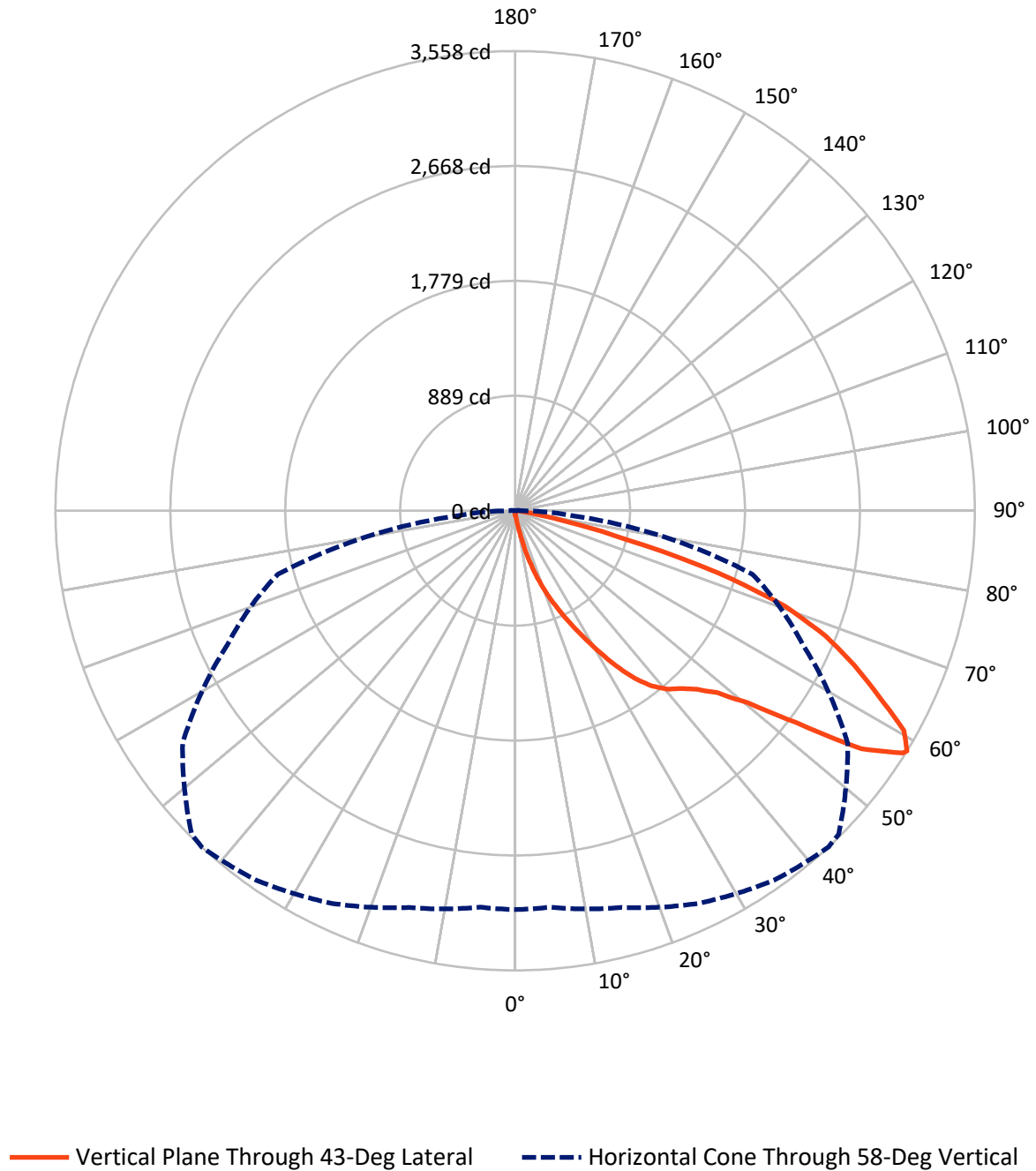


Based on 15 foot mounting height. Maximum calculated value = 4.8 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15.7	0.0	15.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4280.6	0.0	4280.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	4296.2	0.0	4296.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.1	0.1
10°-20°	49.4	1.1
20°-30°	178.0	4.1
30°-40°	407.3	9.5
40°-50°	686.9	16.0
50°-60°	1133.5	26.4
60°-70°	1266.9	29.5
70°-80°	523.1	12.2
80°-90°	47.2	1.1
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°	4296.2	100.0
0°-180°	4296.2	100.0



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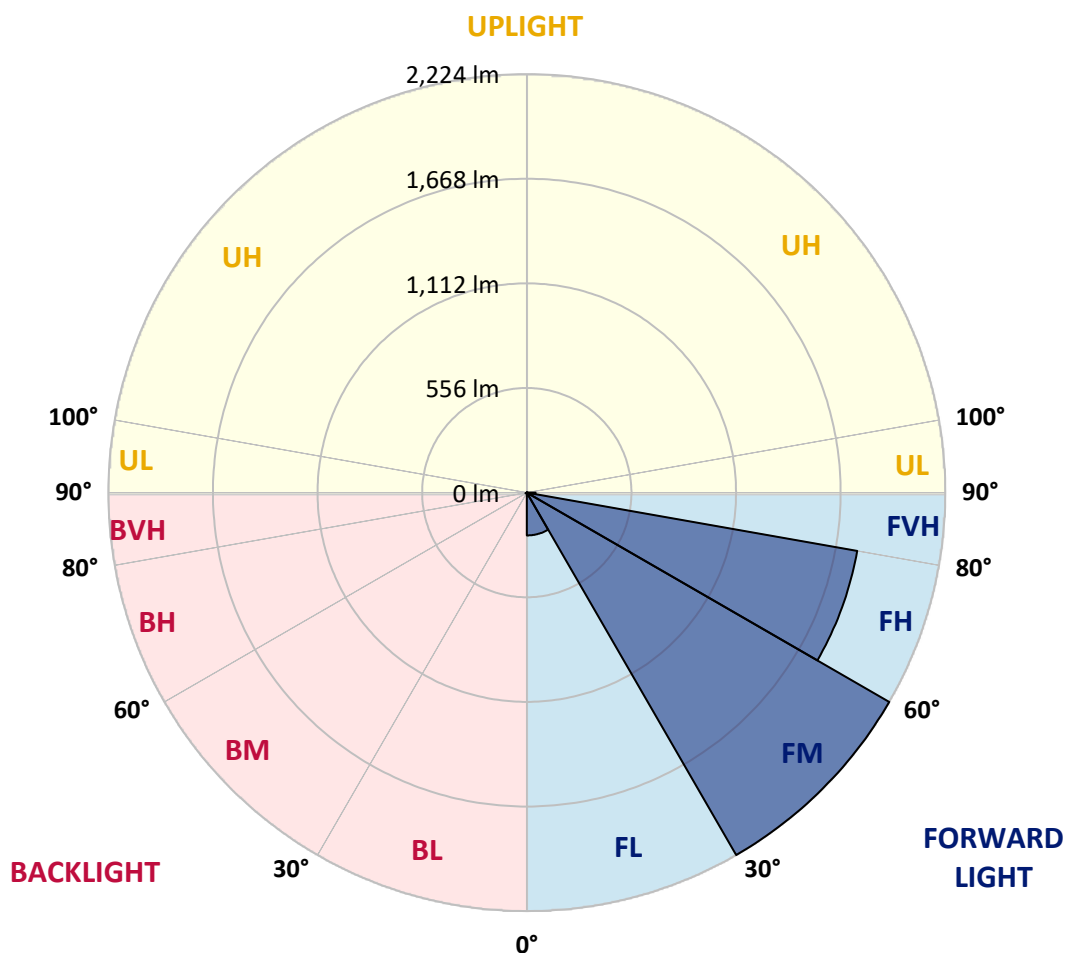
CATALOG NUMBER: GALN-SA1B-835-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	227.4	5.3			
FM	(30°-60°)	2223.9	51.8			
FH	(60°-80°)	1782.8	41.5			G1/1800
FVH	(80°-90°)	46.5	1.1			G1/100
BL	(0°-30°)	4.1	0.1	B0/110		
BM	(30°-60°)	3.8	0.1	B0/220		
BH	(60°-80°)	7.2	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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-G1

Type III Short



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CATALOG NUMBER: GALN-SA1B-835-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
2.5°	33.7	34.8	33.7	33.7	33.7	32.6	32.6	31.5	31.5	30.3	29.2
5°	49.4	49.4	46.1	43.8	41.6	40.5	39.3	37.1	34.8	32.6	30.3
7.5°	110.1	110.1	100.0	86.5	68.5	58.4	56.2	46.1	39.3	34.8	30.3
10°	262.9	262.9	240.5	203.4	157.3	116.9	104.5	66.3	47.2	37.1	31.5
12.5°	437.1	442.7	414.6	367.4	298.9	228.1	203.4	121.4	62.9	40.5	31.5
15°	593.3	579.8	571.9	527.0	461.8	377.5	346.1	204.5	91.0	46.1	31.5
17.5°	698.9	698.9	687.7	657.3	597.8	523.6	497.8	330.4	147.2	52.8	32.6
20°	822.5	822.5	802.3	780.9	728.1	665.2	640.5	469.7	228.1	67.4	32.6
22.5°	972.0	974.2	951.7	913.5	863.0	793.3	771.9	598.9	330.4	89.9	33.7
25°	1154.0	1156.2	1123.6	1087.7	1010.2	934.9	902.3	747.2	455.1	125.8	33.7
27.5°	1355.1	1370.8	1322.5	1260.7	1178.7	1084.3	1059.6	880.9	578.7	177.5	36.0
30°	1605.7	1605.7	1541.6	1455.1	1366.4	1249.5	1218.0	1021.4	710.1	246.1	38.2
32.5°	1821.4	1804.6	1722.6	1631.5	1537.1	1428.2	1394.4	1168.6	845.0	331.5	42.7
35°	1986.6	1972.0	1870.9	1773.1	1691.1	1591.1	1550.6	1328.2	987.7	428.1	49.4
37.5°	2128.2	2122.6	1985.5	1863.0	1809.1	1721.4	1685.5	1478.7	1128.1	532.6	57.3
40°	2283.3	2265.3	2119.2	1967.5	1886.6	1815.8	1783.2	1600.1	1263.0	655.1	68.5
42.5°	2415.8	2394.5	2263.0	2114.7	1976.5	1881.0	1849.5	1702.3	1394.4	777.6	83.1
45°	2563.0	2551.8	2419.2	2306.8	2122.6	1969.8	1928.2	1784.4	1514.7	923.6	102.3
47.5°	2784.4	2764.2	2640.6	2548.4	2334.9	2104.6	2045.0	1868.6	1630.4	1067.5	131.5
50°	3041.7	3028.2	2955.2	2882.2	2669.8	2334.9	2264.1	1990.0	1759.6	1238.3	169.7
52.5°	3251.8	3249.6	3258.6	3259.7	3099.0	2722.6	2617.0	2185.5	1908.0	1406.8	223.6
55°	3247.3	3257.5	3356.3	3469.8	3482.2	3251.8	3149.6	2514.7	2101.2	1614.7	298.9
57.5°	3126.0	3118.1	3222.6	3393.4	3513.6	3538.4	3521.5	3026.0	2392.2	1865.3	414.6
58°	3086.7	3079.9	3178.8	3353.0	3491.2	3557.5	3540.6	3141.7	2457.4	1901.2	446.1
60°	2944.0	2945.1	3003.5	3161.9	3300.2	3457.5	3473.2	3472.1	2782.1	2141.7	604.5
62.5°	2755.2	2746.2	2800.1	2929.3	3050.7	3156.3	3183.3	3494.5	3257.5	2447.3	906.8
65°	2494.5	2481.0	2538.3	2684.4	2814.7	2883.3	2884.4	3193.4	3481.1	2775.4	1338.3
67.5°	2010.2	1999.0	2113.6	2301.2	2502.4	2592.3	2632.7	2770.9	3292.3	2997.9	1585.5
70°	1231.5	1255.1	1414.7	1709.1	2052.9	2218.1	2278.8	2321.5	2803.5	2964.2	1325.9
72.5°	568.6	540.5	676.4	882.1	1274.2	1641.6	1704.6	1872.0	2222.6	2573.2	988.8
75°	265.2	255.1	286.5	385.4	577.6	886.6	1001.2	1494.5	1704.6	1790.0	713.5
77.5°	136.0	137.1	162.9	175.3	238.2	410.1	470.8	983.2	1249.5	998.9	478.7
80°	59.6	61.8	62.9	68.5	96.6	158.4	178.7	456.2	854.0	509.0	261.8
82.5°	38.2	39.3	39.3	39.3	46.1	62.9	71.9	183.2	425.9	252.8	80.9
85°	20.2	20.2	22.5	28.1	32.6	38.2	40.5	58.4	140.5	75.3	19.1
87.5°	11.2	12.4	13.5	16.9	21.3	25.8	28.1	40.5	53.9	51.7	4.5
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: P1047338

CATALOG NUMBER: GALN-SA1B-835-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
2.5°	29.2	28.1	27.0	25.8	24.7	23.6	23.6	23.6	23.6	23.6	23.6
5°	28.1	27.0	25.8	23.6	21.3	20.2	19.1	18.0	18.0	18.0	18.0
7.5°	28.1	27.0	23.6	21.3	19.1	16.9	14.6	14.6	14.6	14.6	14.6
10°	28.1	25.8	22.5	19.1	15.7	13.5	12.4	11.2	11.2	11.2	11.2
12.5°	28.1	24.7	21.3	16.9	13.5	11.2	10.1	9.0	9.0	9.0	9.0
15°	28.1	24.7	20.2	15.7	12.4	9.0	7.9	6.7	6.7	6.7	6.7
17.5°	27.0	23.6	19.1	13.5	10.1	6.7	5.6	4.5	4.5	5.6	5.6
20°	25.8	22.5	16.9	11.2	7.9	5.6	3.4	3.4	3.4	3.4	3.4
22.5°	25.8	22.5	15.7	10.1	6.7	3.4	2.2	2.2	2.2	2.2	3.4
25°	25.8	21.3	13.5	7.9	4.5	2.2	1.1	1.1	1.1	1.1	1.1
27.5°	25.8	21.3	12.4	6.7	3.4	2.2	1.1	0.0	0.0	0.0	0.0
30°	24.7	20.2	11.2	5.6	2.2	1.1	0.0	0.0	0.0	0.0	0.0
32.5°	24.7	19.1	9.0	4.5	2.2	1.1	0.0	0.0	0.0	0.0	0.0
35°	25.8	18.0	7.9	3.4	1.1	0.0	0.0	0.0	0.0	0.0	1.1
37.5°	27.0	16.9	6.7	2.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0
40°	28.1	15.7	6.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	30.3	15.7	5.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	32.6	15.7	4.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	37.1	16.9	4.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	40.5	18.0	3.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	44.9	16.9	3.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	50.6	16.9	3.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	55.1	15.7	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	57.3	14.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	68.5	13.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	106.7	11.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	216.9	10.1	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	404.5	9.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	452.8	10.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	285.4	7.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	150.6	7.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	75.3	7.9	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	34.8	5.6	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	14.6	3.4	2.2	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.7	3.4	2.2	2.2	1.1	1.1	0.0	0.0	0.0	0.0	0.0
87.5°	3.4	3.4	3.4	2.2	2.2	1.1	1.1	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

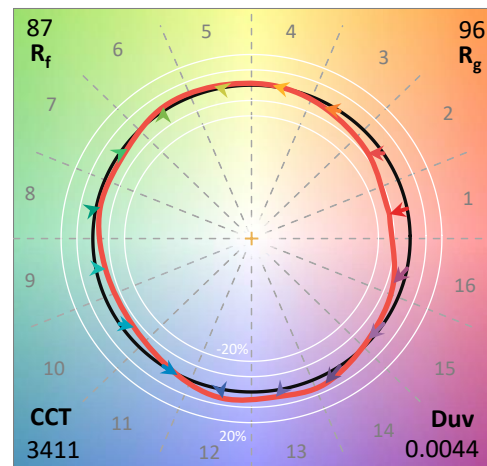
Test Information

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
 Rf: 86.6
 Rg: 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

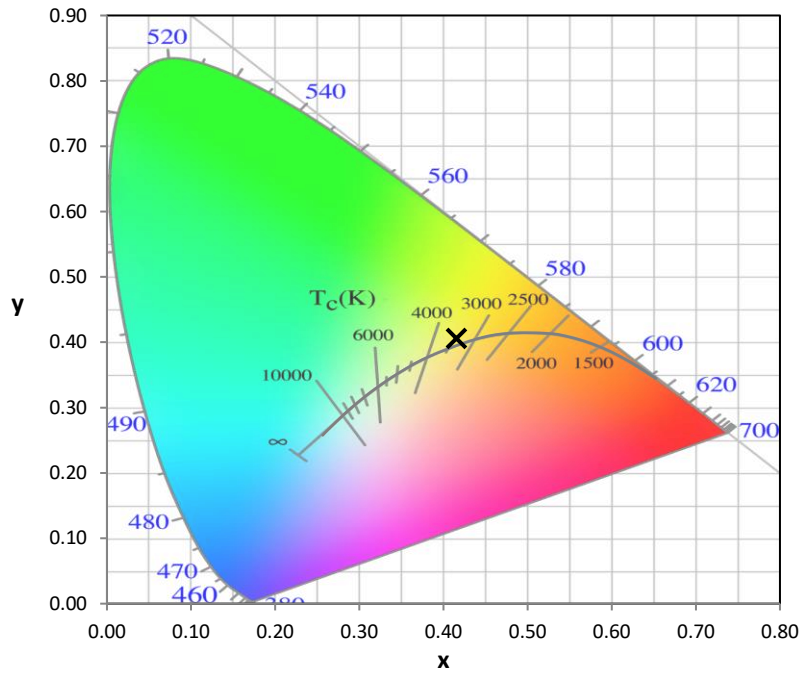
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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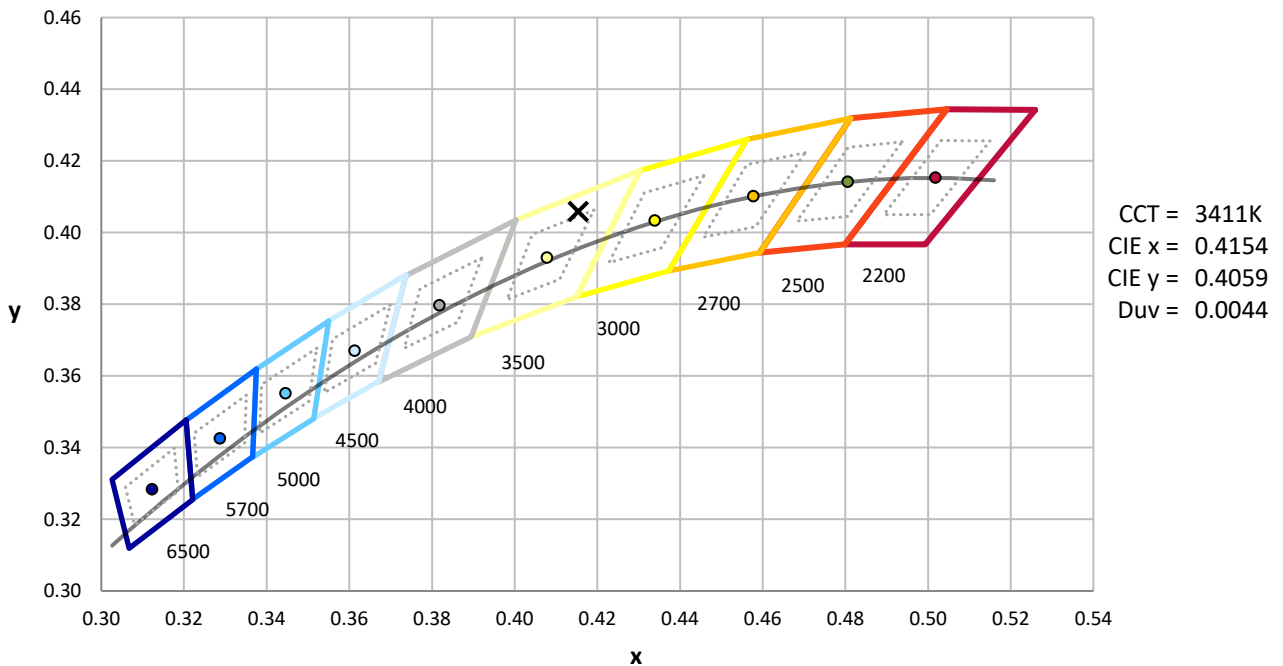
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



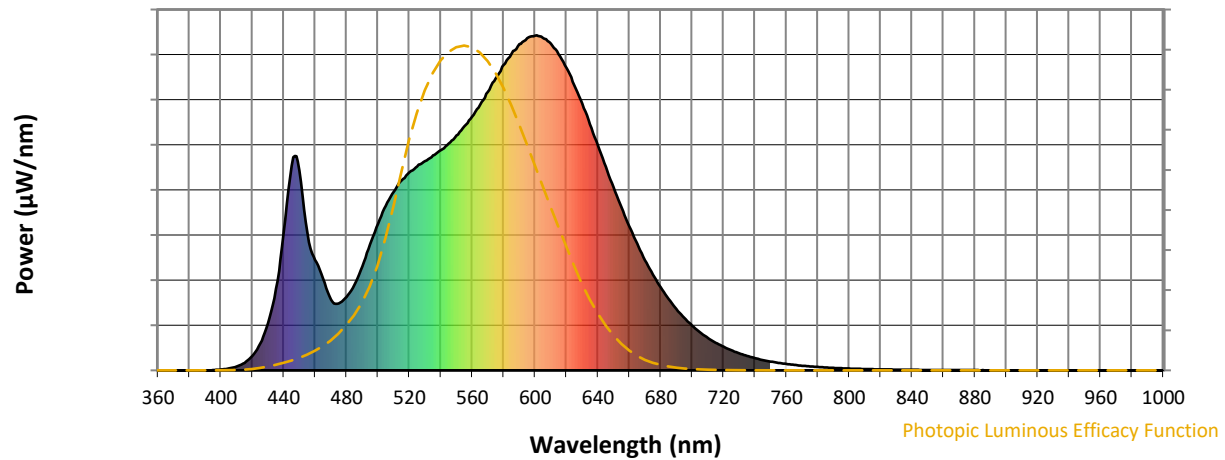
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

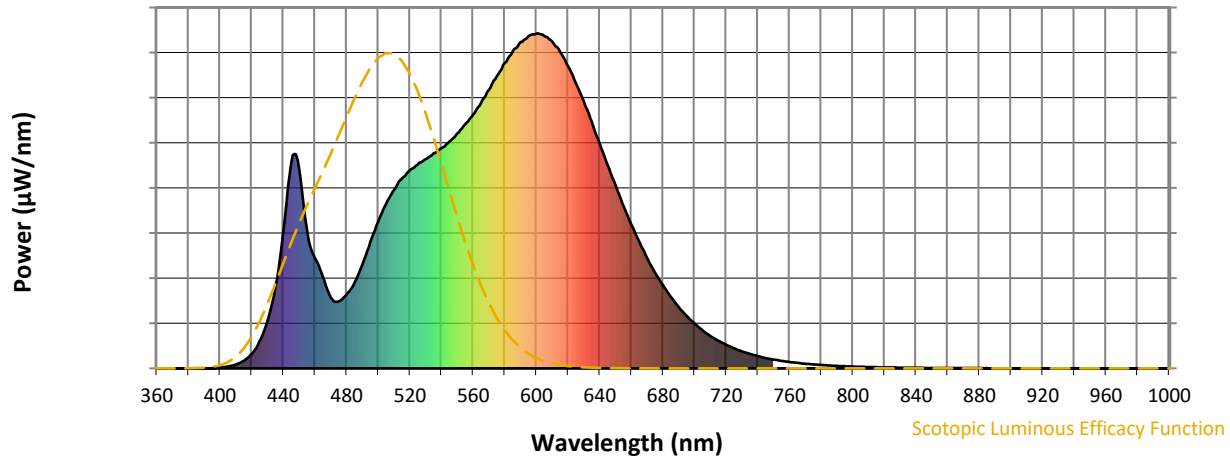


Photopic Lumens: NR

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



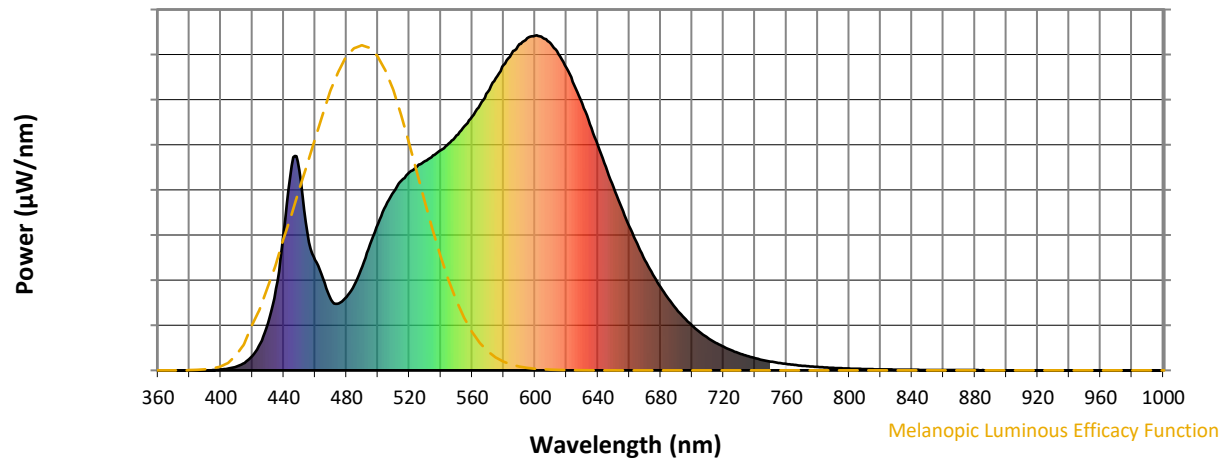
Scotopic Lumens: NR

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

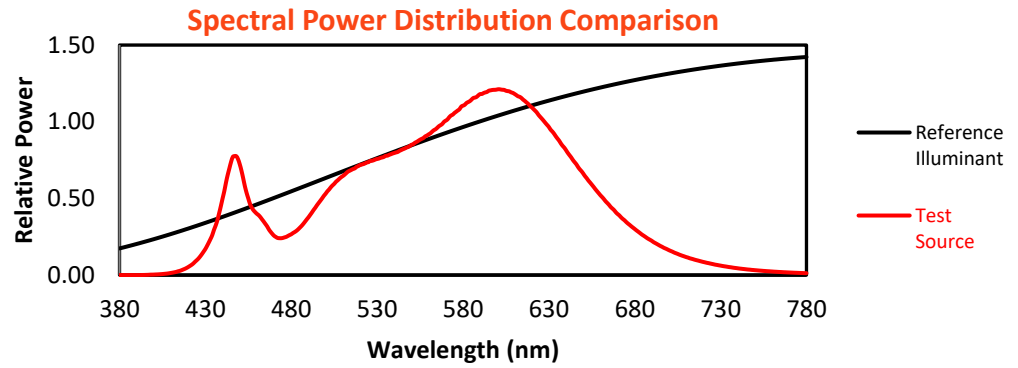
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311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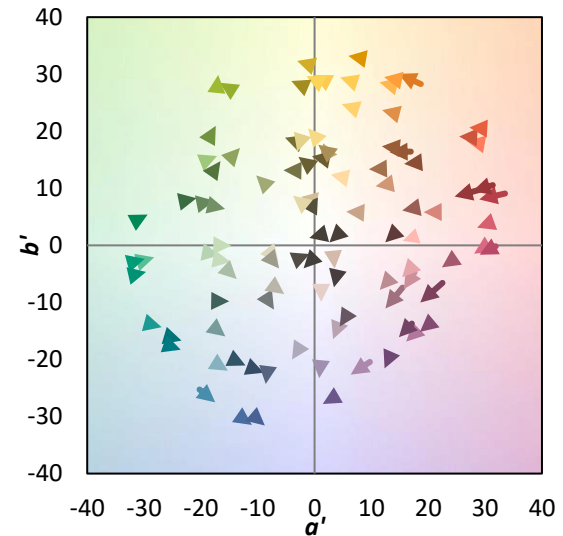
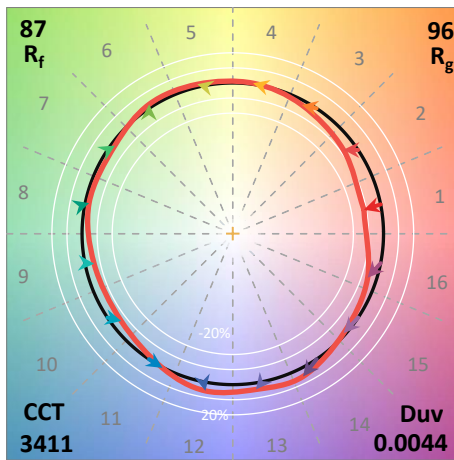
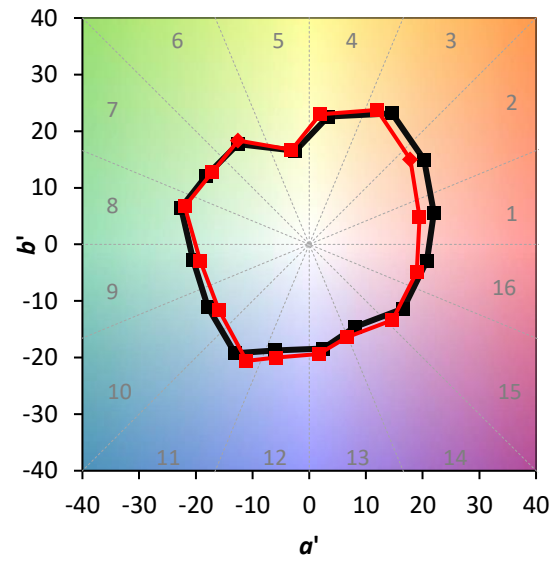
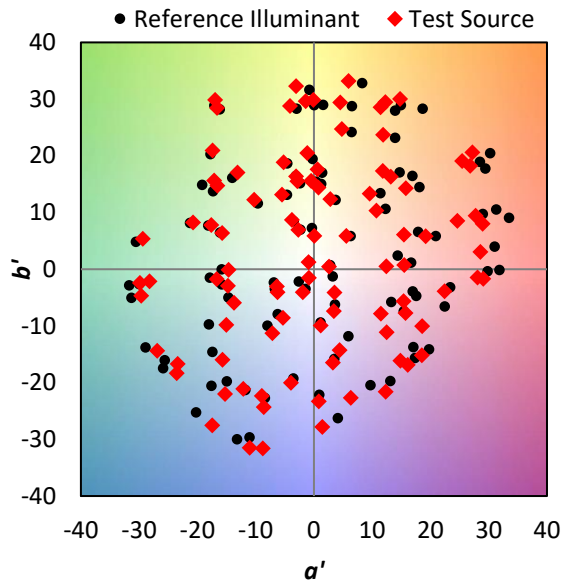
TM-30-18

Summary

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

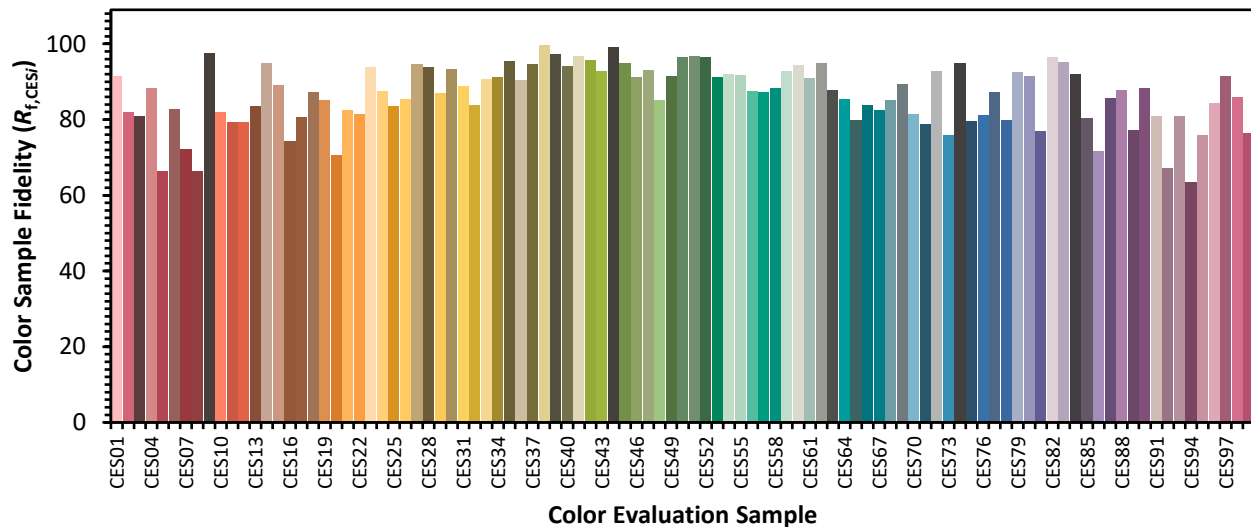


Color Vector Graphics

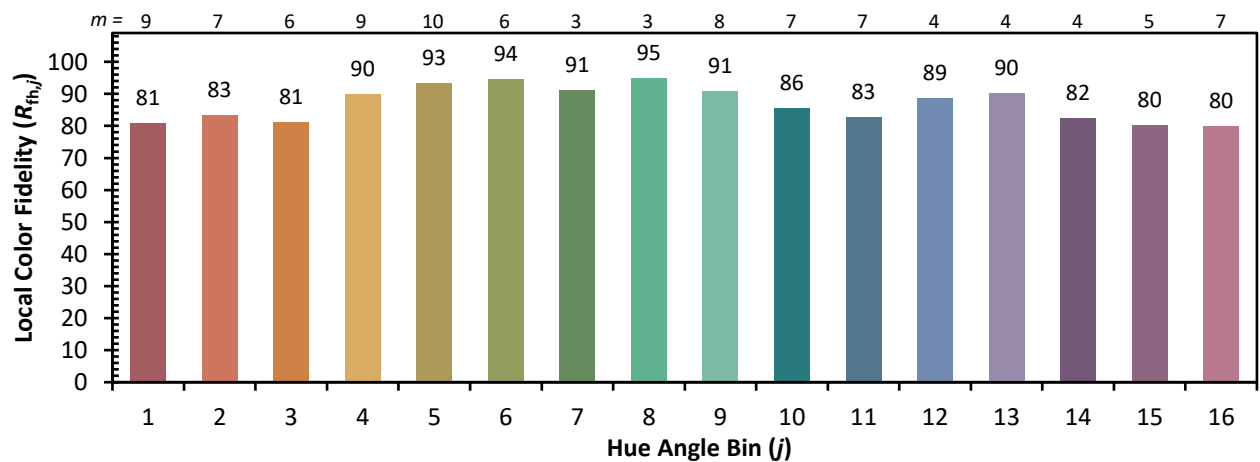
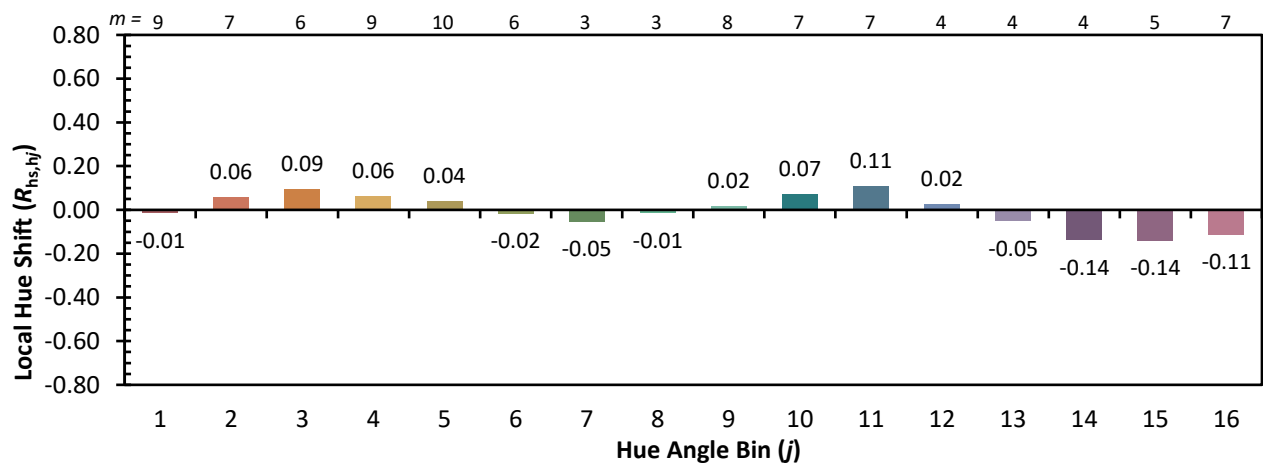
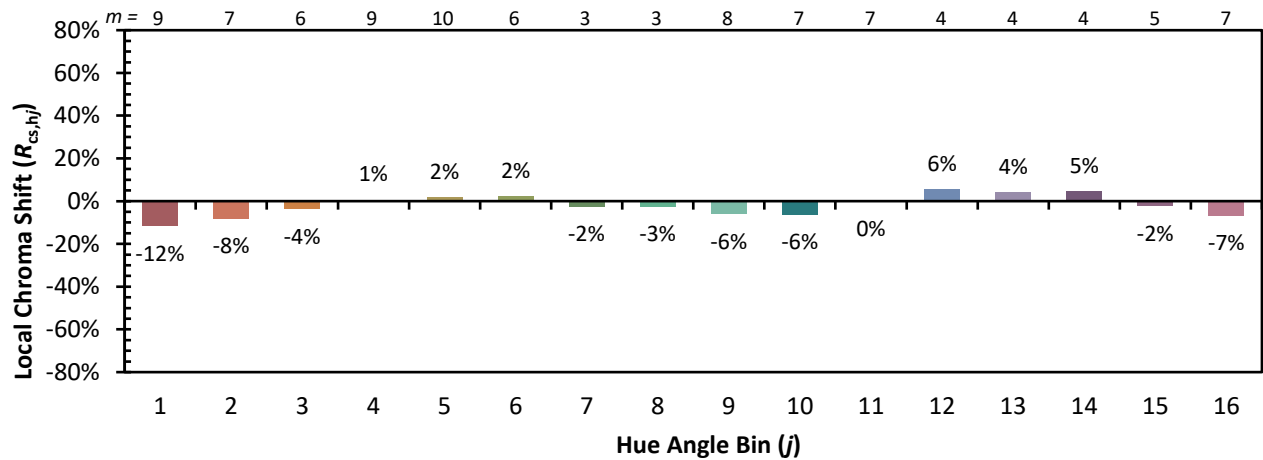


Individual Sample Fidelity Index ($R_{f,i}$)

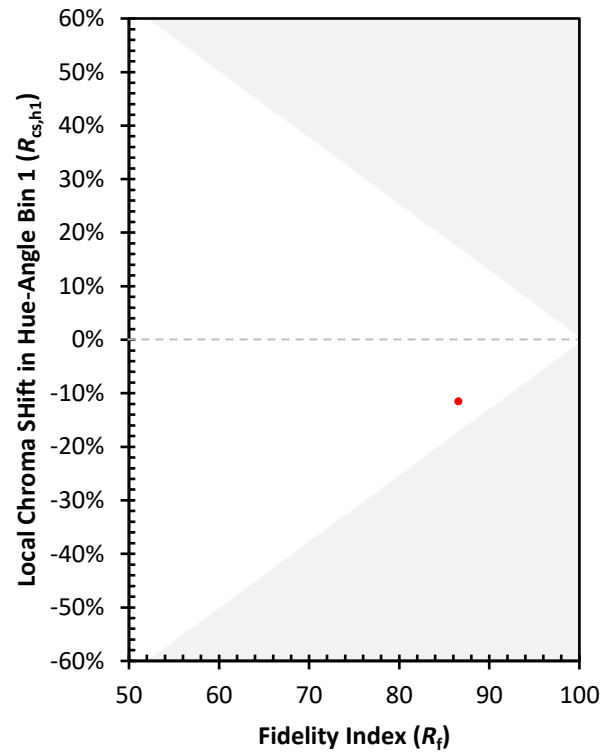
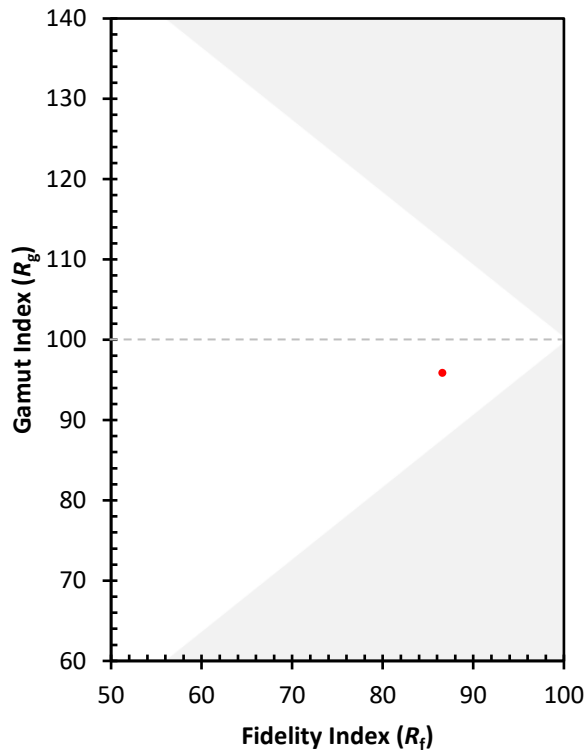
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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