

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: P1047959

Luminaire Tested: **GALN-SA3C-835-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047959
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3C-835-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15207.4 lumens
Efficiency: N/A
Efficacy: 108.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 140.4
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



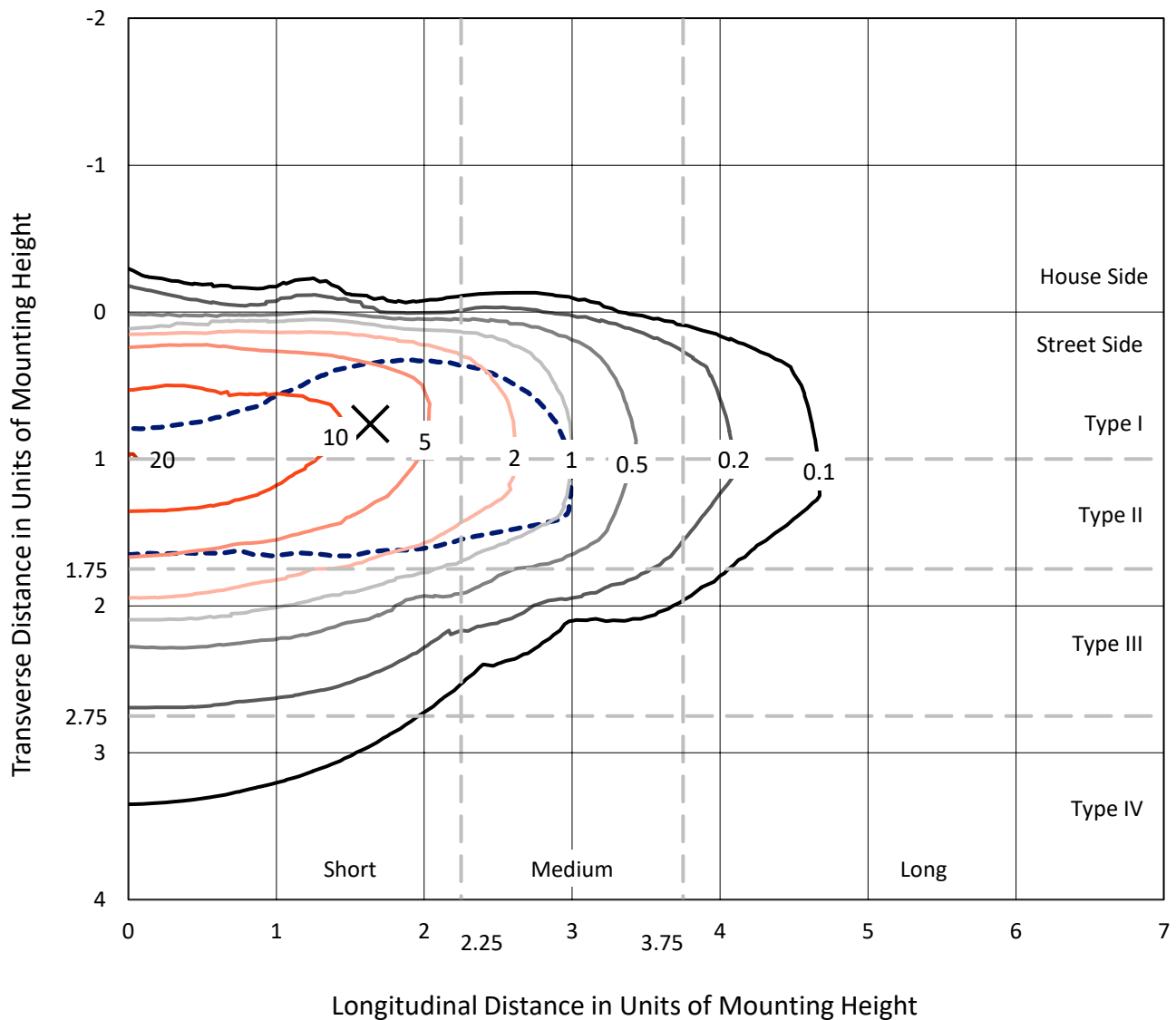
REPORT NUMBER: P1047959

CATALOG NUMBER: GALN-SA3C-835-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

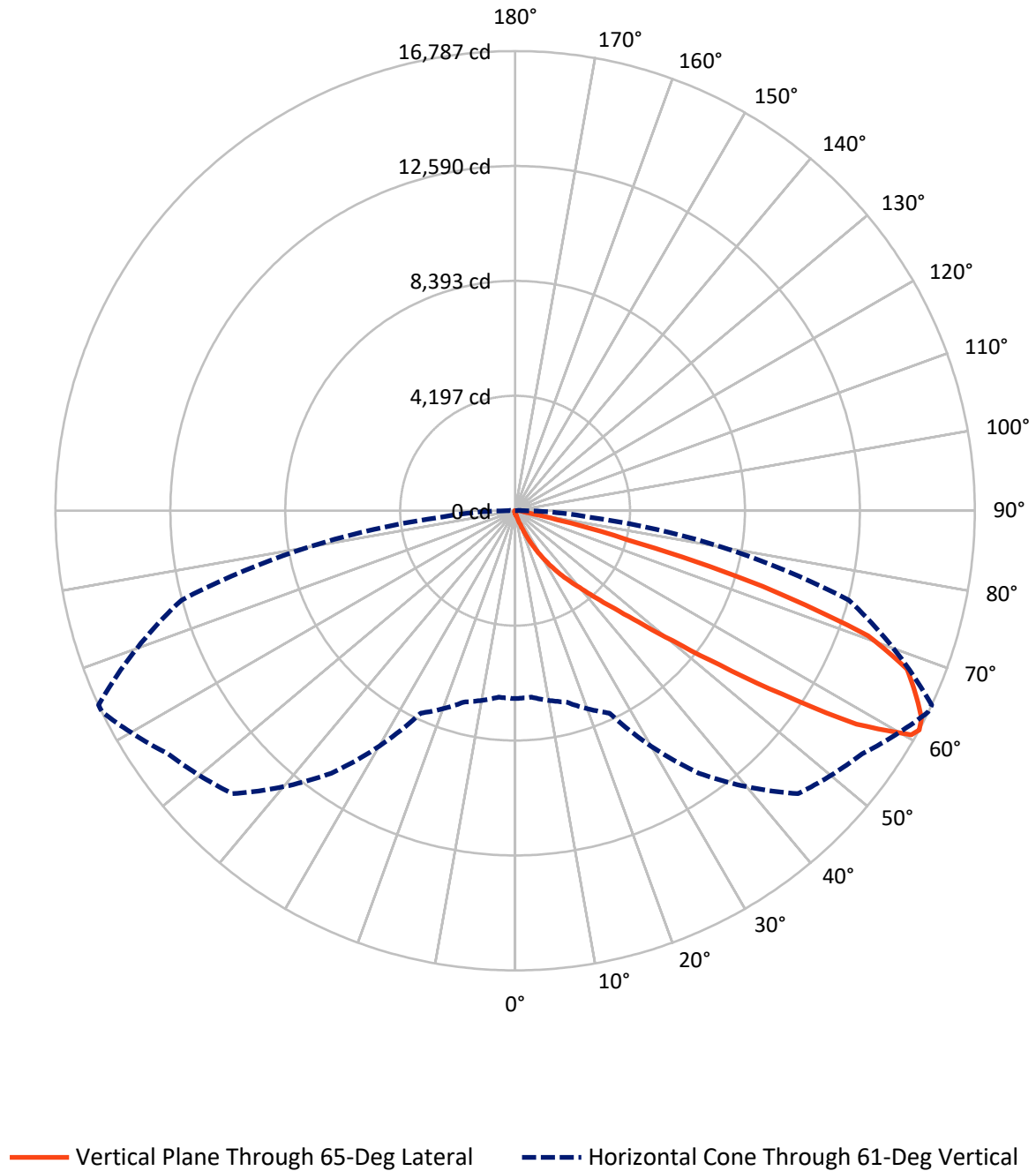


Based on 15 foot mounting height. Maximum calculated value = 20.1 fc
 Type II - Short - N/A

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CATALOG NUMBER: GALN-SA3C-835-U-T2BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	64.9	0.0	64.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	15142.5	0.0	15142.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	15207.4	0.0	15207.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.8	0.1
10°-20°	125.1	0.8
20°-30°	448.8	3.0
30°-40°	1194.9	7.9
40°-50°	3138.9	20.6
50°-60°	4862.7	32.0
60°-70°	4077.3	26.8
70°-80°	1199.9	7.9
80°-90°	148.0	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°	15207.4	100.0
0°-180°	15207.4	100.0



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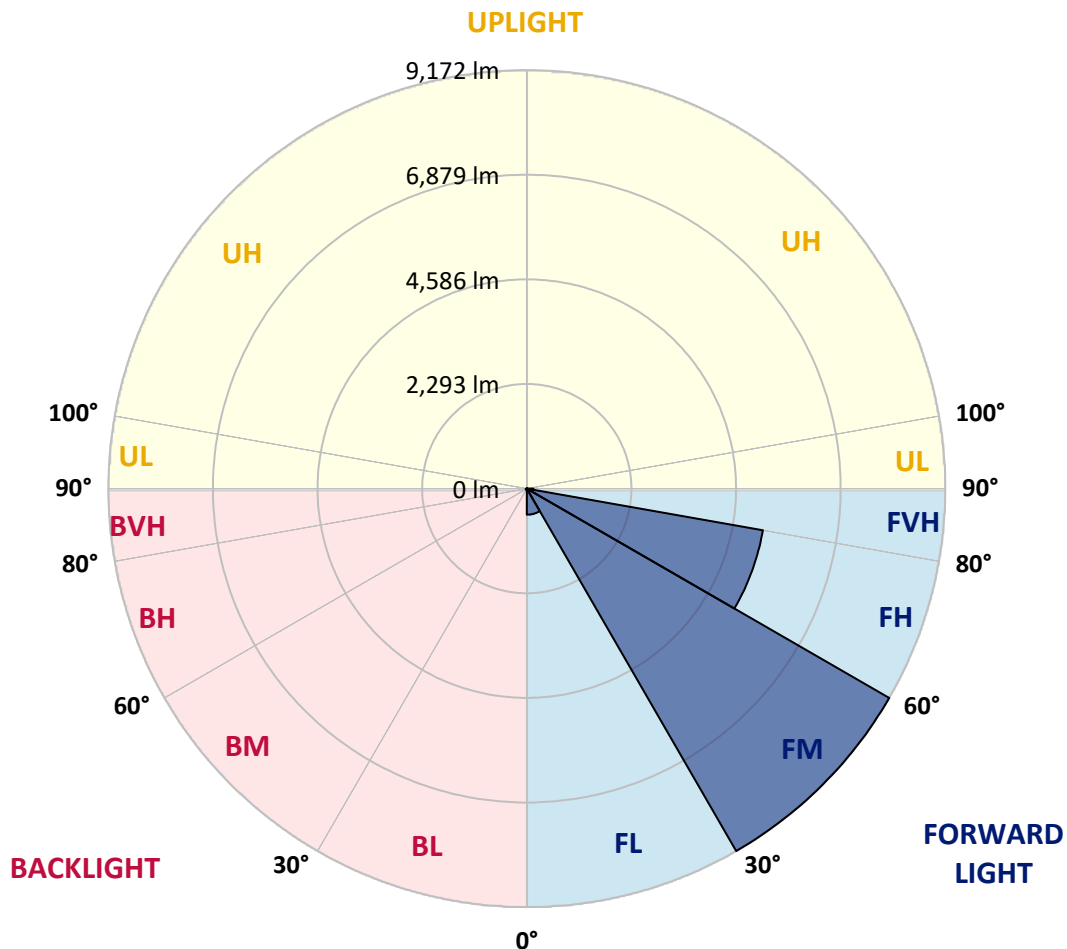
CATALOG NUMBER: GALN-SA3C-835-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	571.1	3.8			
FM	(30°-60°)	9171.8	60.3			
FH	(60°-80°)	5254.3	34.6			G3/7500
FVH	(80°-90°)	145.3	1.0			G2/225
BL	(0°-30°)	14.6	0.1	B0/110		
BM	(30°-60°)	24.7	0.2	B0/220		
BH	(60°-80°)	22.9	0.2	B0/110		G0/110
BVH	(80°-90°)	2.7	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-G3

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
2.5°	113.0	114.0	111.9	107.7	104.6	104.6	103.6	100.4	100.4	97.3	95.2
5°	158.0	155.9	151.7	143.3	136.0	128.7	121.3	114.0	113.0	103.6	97.3
7.5°	258.4	260.5	246.9	220.7	198.8	170.5	144.4	128.7	126.6	110.9	98.3
10°	567.0	551.3	519.9	418.4	344.2	259.4	192.5	149.6	147.5	119.3	100.4
12.5°	1033.5	1021.0	963.5	858.9	667.4	464.5	281.4	185.2	178.9	126.6	101.5
15°	1489.7	1469.8	1438.4	1332.7	1108.9	832.7	460.3	253.2	236.4	137.0	100.4
17.5°	1780.5	1783.6	1755.4	1710.4	1566.0	1232.3	795.0	377.6	345.2	155.9	98.3
20°	2034.7	2027.3	2043.0	2019.0	1917.5	1674.8	1157.0	598.4	542.9	186.2	99.4
22.5°	2327.6	2345.4	2356.9	2351.6	2239.7	2032.6	1568.1	895.5	825.4	241.6	102.5
25°	2719.9	2717.8	2718.8	2705.2	2596.4	2366.3	1980.3	1264.7	1193.6	331.6	109.8
27.5°	3131.0	3143.5	3148.8	3099.6	2957.3	2731.4	2362.1	1668.5	1584.8	476.0	119.3
30°	3692.7	3682.3	3658.2	3557.8	3385.2	3104.8	2738.7	2092.2	2004.3	677.9	133.9
32.5°	4450.1	4438.6	4317.3	4095.5	3837.1	3494.0	3117.4	2516.9	2410.2	930.0	153.8
35°	5698.1	5715.9	5417.8	4843.5	4380.0	3961.6	3536.9	2939.5	2845.4	1240.7	181.0
37.5°	7609.4	7512.1	7107.2	6092.5	5094.5	4545.3	3937.5	3366.4	3284.8	1623.6	216.5
40°	9466.2	9369.9	9252.8	8291.4	6336.2	5188.7	4498.2	3867.4	3761.8	2055.6	268.8
42.5°	11418.2	11364.9	11359.6	10634.7	8602.1	6200.3	5173.0	4454.3	4364.3	2529.5	354.6
45°	12801.2	12747.8	12859.7	12986.3	11688.1	8367.8	6347.8	5216.9	5086.2	3104.8	491.7
47.5°	12987.4	12989.5	13288.6	13685.1	13981.2	11720.5	7912.7	6227.5	6068.4	3928.1	721.8
50°	12368.1	12392.1	12868.1	13577.4	14374.5	14533.5	10672.3	7694.1	7458.7	4904.1	1048.2
52.5°	11189.1	11216.3	11879.5	13046.0	14012.6	15209.3	13921.5	9612.6	9341.7	6121.8	1508.5
55°	10127.3	10144.1	10904.6	12378.5	13576.3	14842.1	15850.6	12174.5	11818.9	7619.8	1962.5
57.5°	9076.0	9037.3	9532.1	11219.5	13502.1	14391.2	16135.1	15094.2	14701.9	9257.0	2316.1
60°	7670.0	7605.2	8002.7	9076.0	12525.0	14687.3	15602.6	16709.4	16620.5	11536.4	2589.1
61°	6861.4	6834.2	7233.8	8154.4	11702.8	14612.0	15475.0	16777.4	16786.8	12615.0	2711.5
62.5°	4899.9	4977.4	5588.3	6785.0	9802.0	14123.4	15491.7	16567.1	16660.2	14048.1	3028.5
65°	2178.0	2302.5	2777.4	3751.3	5700.2	11748.8	15343.2	16105.8	16059.8	14441.5	4120.6
67.5°	1291.9	1310.8	1547.2	2125.7	3019.1	6319.5	13539.7	15495.9	15434.2	12572.1	5127.0
70°	1017.9	1027.3	1102.6	1333.8	1752.2	2420.7	7727.6	13406.9	13675.7	10194.3	5019.2
72.5°	965.6	963.5	973.9	1014.7	1103.6	1200.9	2991.9	8911.8	9458.9	7341.6	4208.5
75°	953.0	948.8	938.4	922.7	799.2	707.2	926.8	3941.7	4258.7	5016.1	3168.6
77.5°	924.8	925.8	927.9	885.0	685.2	500.0	448.8	1264.7	1555.6	3183.3	2252.3
80°	625.6	635.0	650.7	633.9	616.2	362.0	317.0	449.8	456.1	1786.7	1487.6
82.5°	317.0	317.0	309.6	276.2	238.5	235.4	252.1	326.4	330.6	903.8	699.8
85°	191.4	201.9	206.1	187.3	171.6	158.0	192.5	259.4	268.8	350.4	163.2
87.5°	42.9	43.9	48.1	63.8	93.1	126.6	178.9	237.5	241.6	224.9	19.9
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: P1047959

CATALOG NUMBER: GALN-SA3C-835-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
2.5°	94.1	92.1	91.0	87.9	84.7	81.6	79.5	78.5	79.5	80.5	80.5
5°	93.1	90.0	84.7	79.5	75.3	71.1	67.0	65.9	65.9	67.0	67.0
7.5°	93.1	87.9	80.5	74.3	68.0	61.7	58.6	56.5	57.5	57.5	57.5
10°	93.1	86.8	77.4	68.0	60.7	53.4	48.1	46.0	46.0	46.0	46.0
12.5°	92.1	85.8	74.3	62.8	52.3	43.9	37.7	34.5	35.6	35.6	35.6
15°	90.0	82.6	70.1	53.4	41.8	33.5	27.2	24.1	25.1	27.2	28.2
17.5°	86.8	79.5	62.8	45.0	33.5	25.1	18.8	16.7	17.8	20.9	20.9
20°	85.8	76.4	55.4	36.6	25.1	17.8	12.6	10.5	11.5	15.7	16.7
22.5°	85.8	74.3	50.2	30.3	18.8	11.5	7.3	4.2	4.2	7.3	7.3
25°	86.8	73.2	46.0	25.1	13.6	8.4	4.2	2.1	4.2	11.5	13.6
27.5°	88.9	72.2	43.9	20.9	10.5	7.3	3.1	7.3	12.6	12.6	12.6
30°	91.0	70.1	40.8	17.8	9.4	5.2	5.2	10.5	10.5	12.6	13.6
32.5°	94.1	69.0	38.7	15.7	7.3	4.2	7.3	6.3	6.3	7.3	8.4
35°	100.4	70.1	36.6	15.7	7.3	5.2	6.3	3.1	2.1	2.1	2.1
37.5°	108.8	71.1	33.5	13.6	6.3	6.3	3.1	0.0	0.0	0.0	0.0
40°	122.4	74.3	31.4	12.6	5.2	5.2	1.0	0.0	0.0	0.0	0.0
42.5°	145.4	80.5	30.3	11.5	5.2	4.2	0.0	0.0	0.0	0.0	0.0
45°	191.4	95.2	28.2	10.5	5.2	2.1	0.0	0.0	0.0	0.0	0.0
47.5°	275.1	129.7	27.2	8.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0
50°	401.7	175.7	26.2	7.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	512.6	185.2	17.8	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	525.1	127.6	13.6	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	418.4	82.6	11.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	317.0	62.8	10.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	304.4	56.5	10.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	335.8	49.2	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	546.1	40.8	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	948.8	35.6	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1198.8	33.5	6.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1045.1	30.3	6.3	2.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	628.7	26.2	6.3	4.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	329.5	19.9	6.3	5.2	3.1	1.0	0.0	0.0	0.0	0.0	0.0
80°	160.1	17.8	7.3	5.2	4.2	2.1	0.0	0.0	0.0	0.0	0.0
82.5°	62.8	14.6	8.4	7.3	5.2	3.1	1.0	0.0	0.0	0.0	0.0
85°	28.2	12.6	9.4	8.4	7.3	4.2	1.0	0.0	0.0	0.0	0.0
87.5°	14.6	11.5	10.5	9.4	7.3	5.2	2.1	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

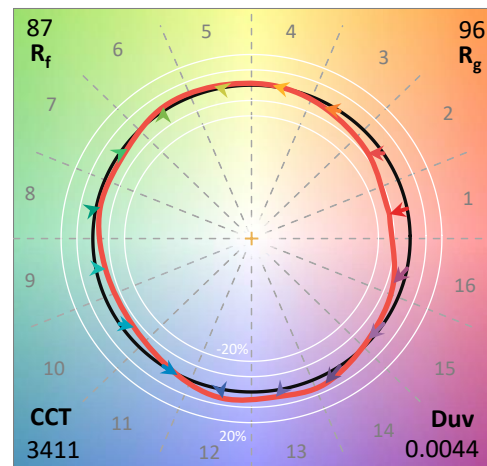
Test Information

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
 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

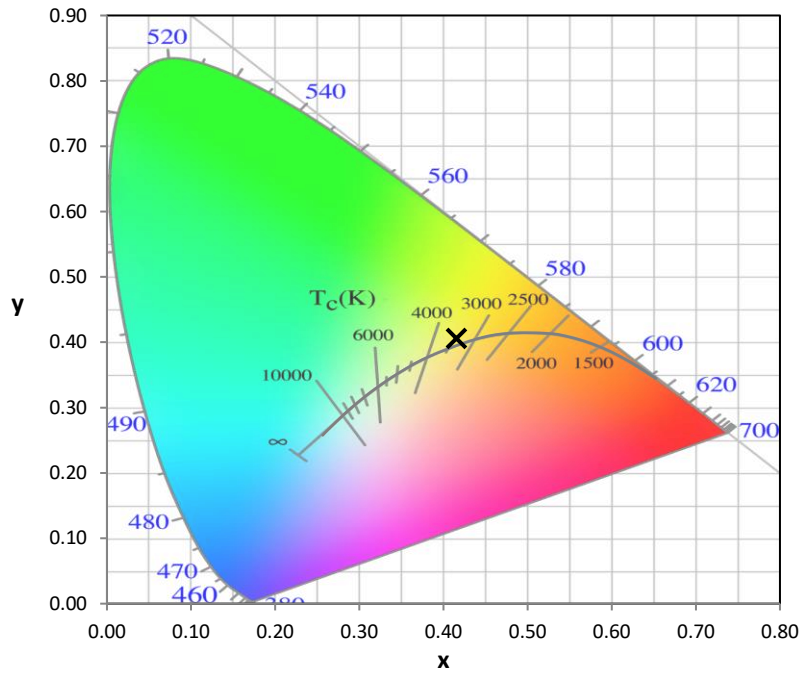
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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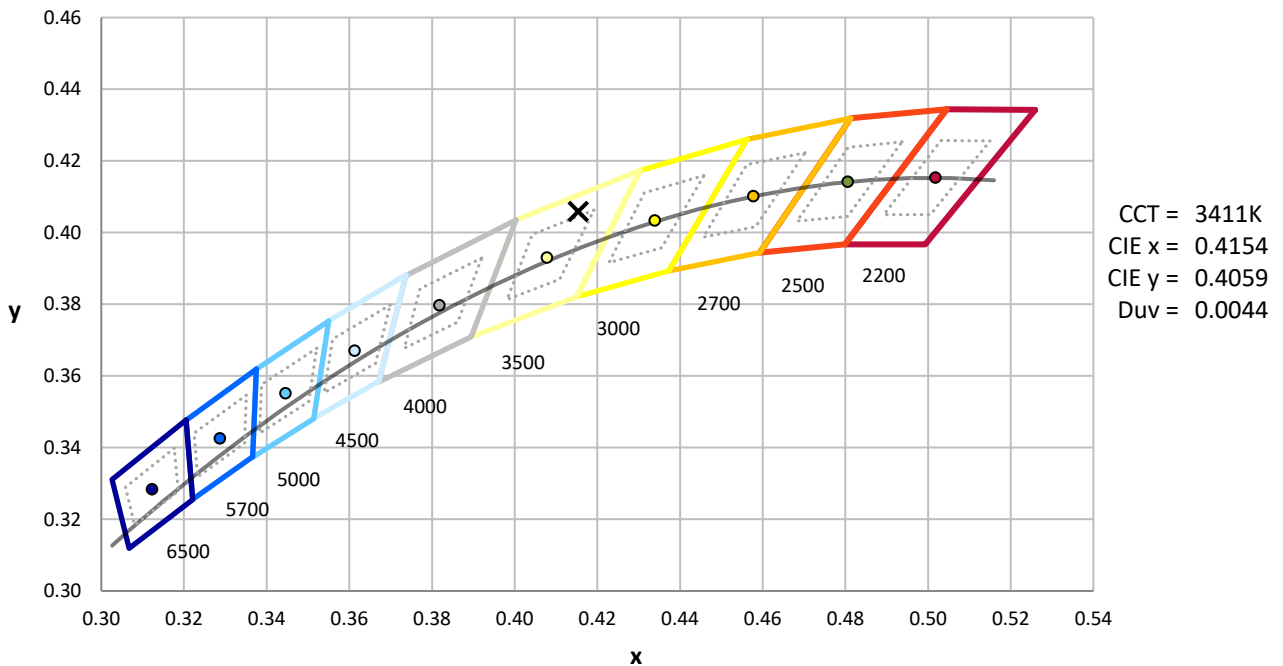
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



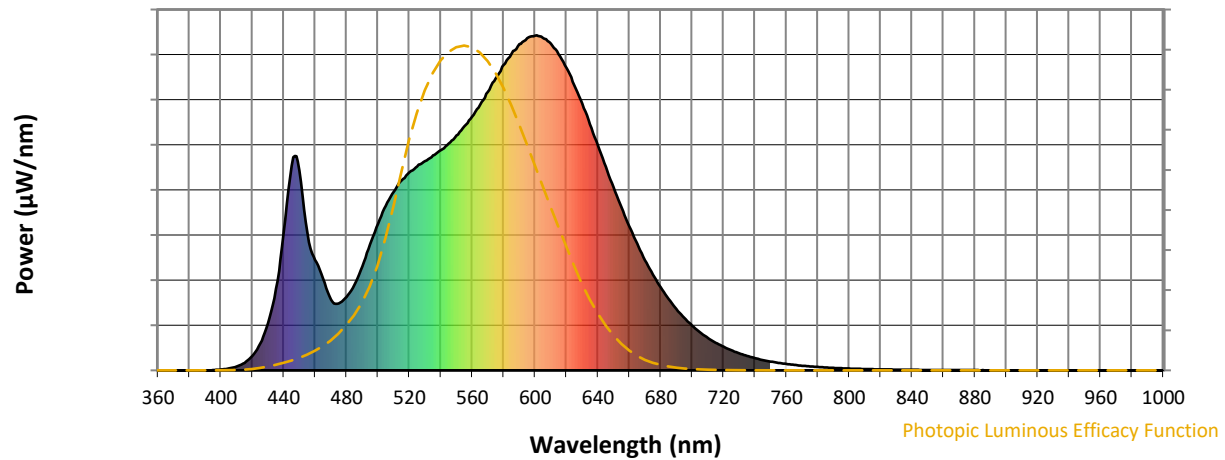
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

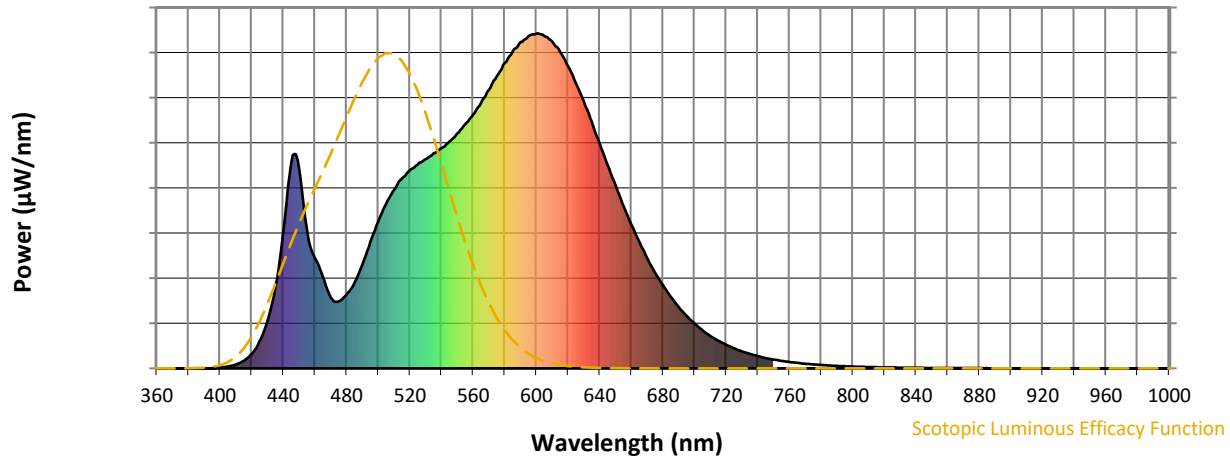


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-10

Scotopic Flux vs. Wavelength



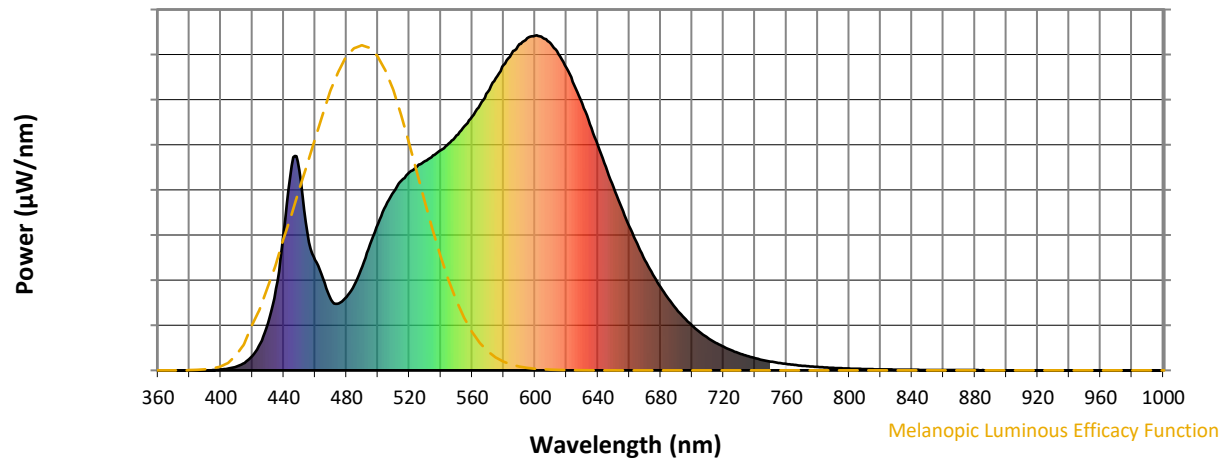
Scotopic Lumens: NR

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

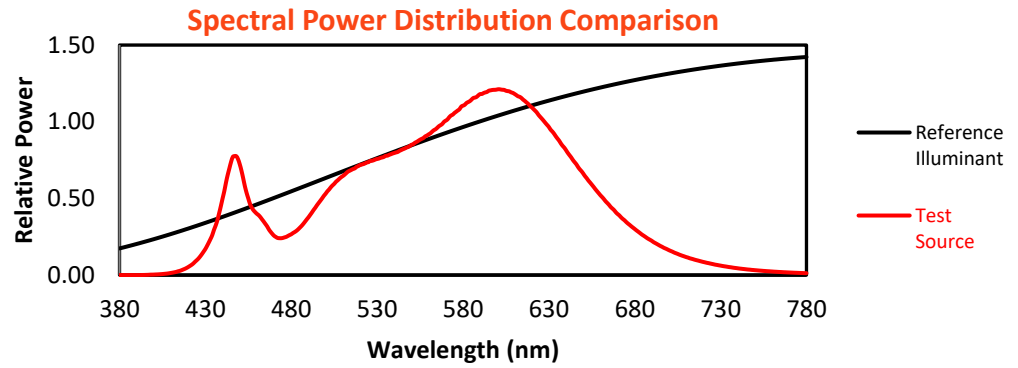
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311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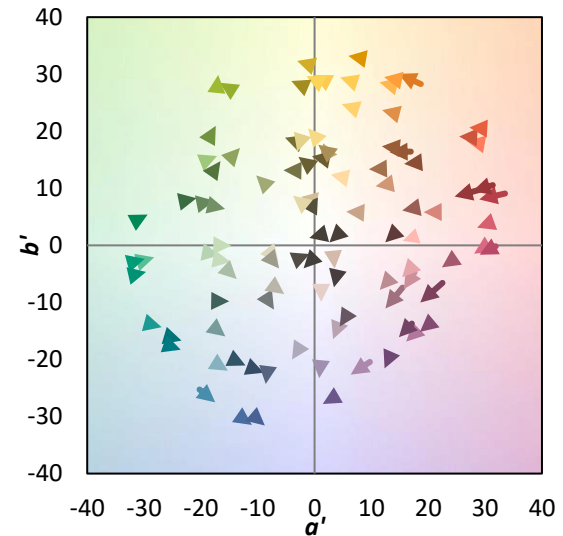
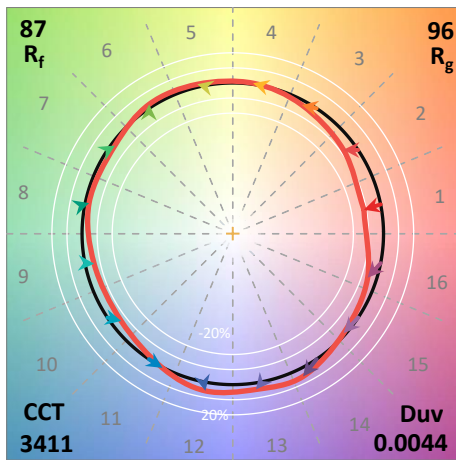
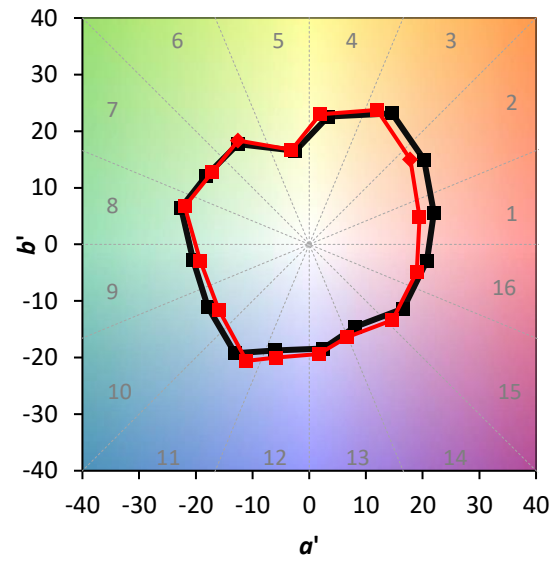
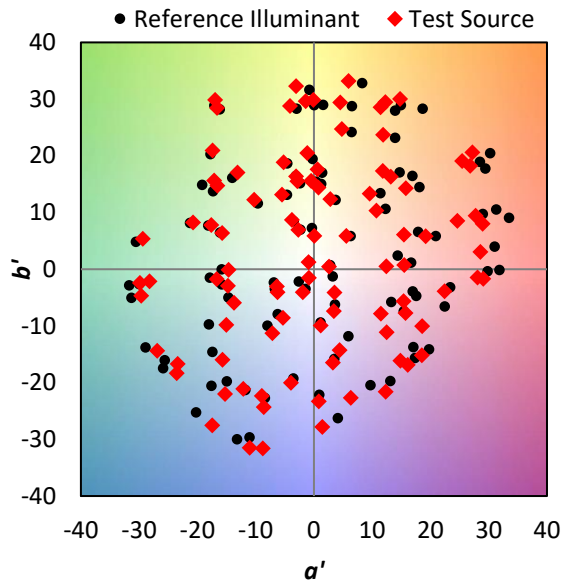
TM-30-18

Summary

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

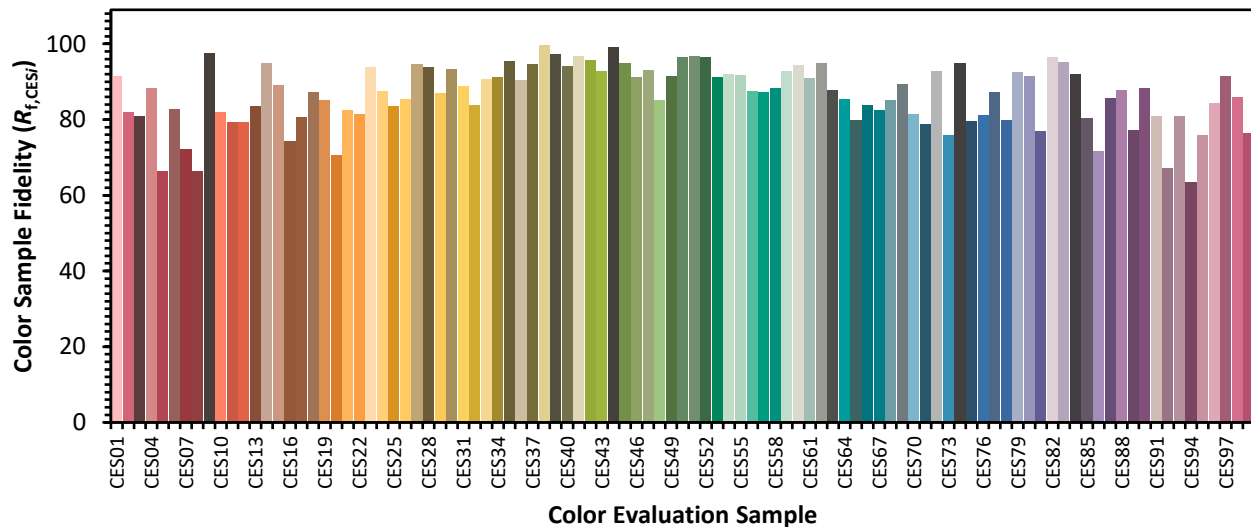


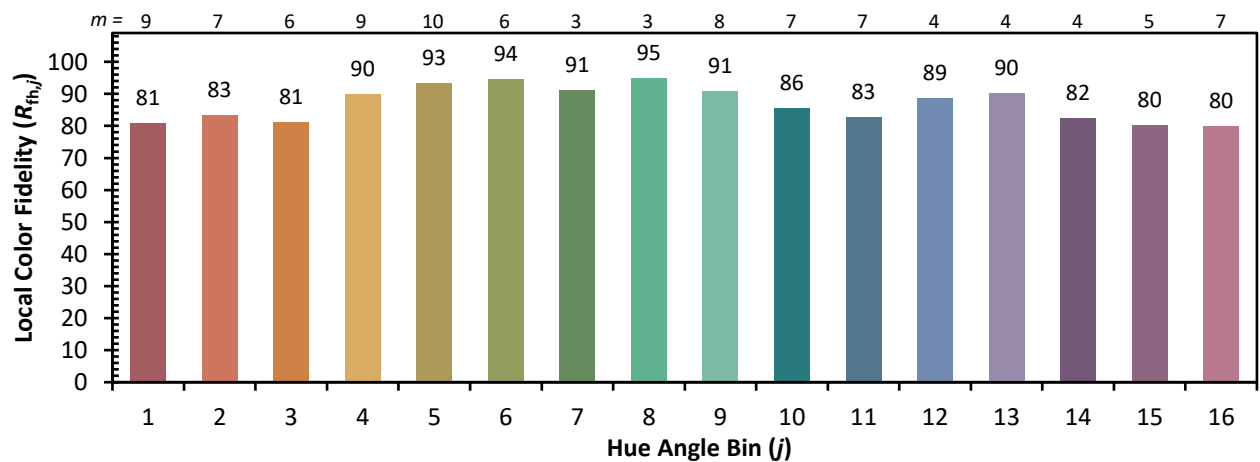
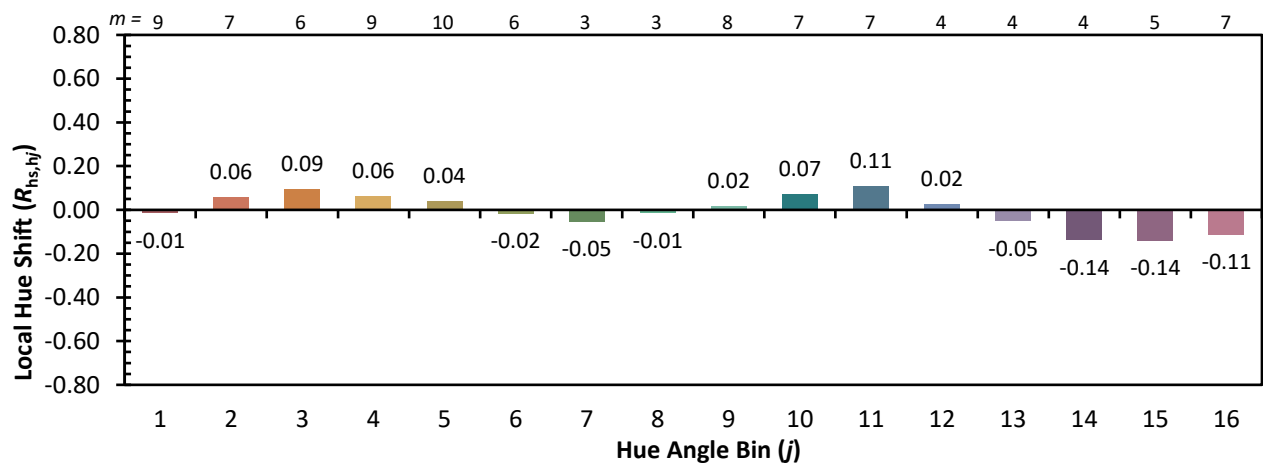
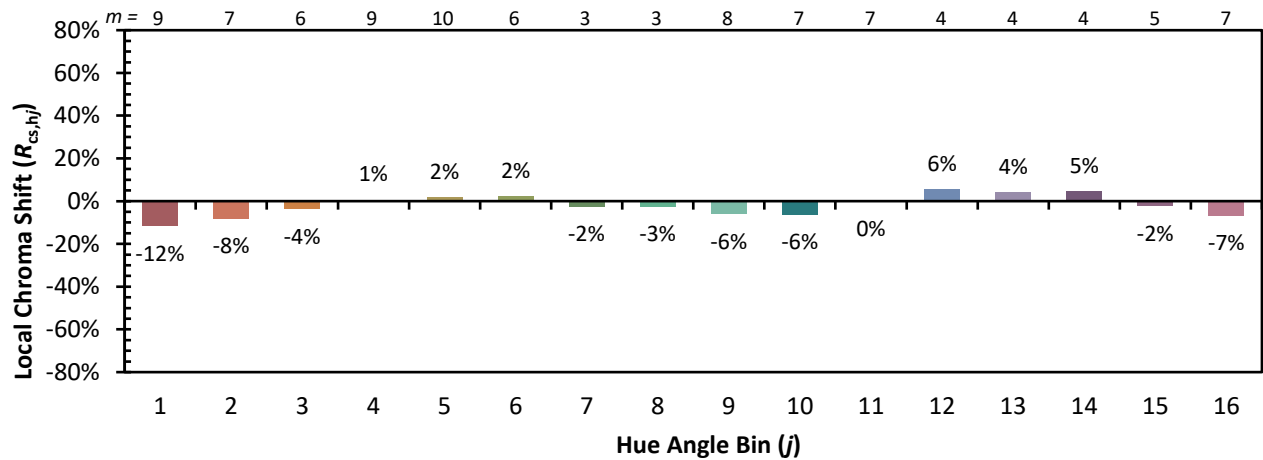
Color Vector Graphics

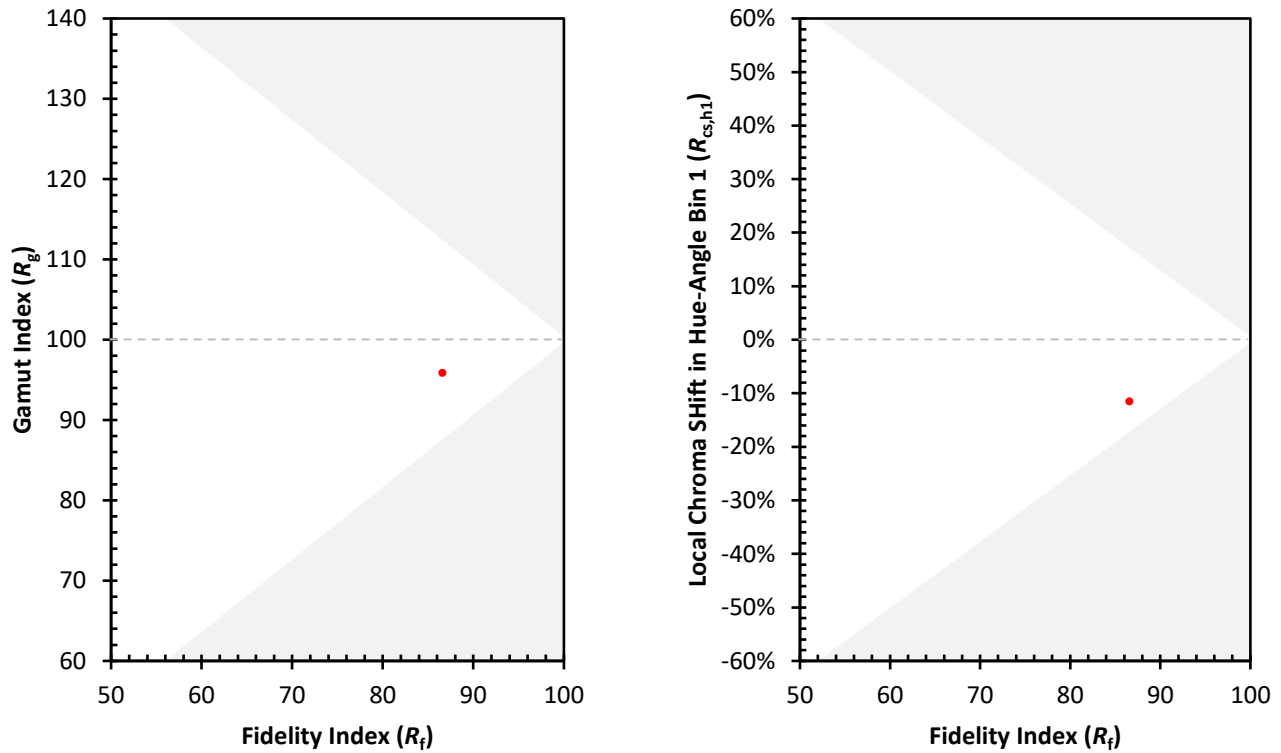


Individual Sample Fidelity Index ($R_{f,i}$)

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)