

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: P1047351

Luminaire Tested: **GALN-SA4C-835-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047351
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4C-835-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (56) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21182.8 lumens
Efficiency: N/A
Efficacy: 111.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 190.4
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

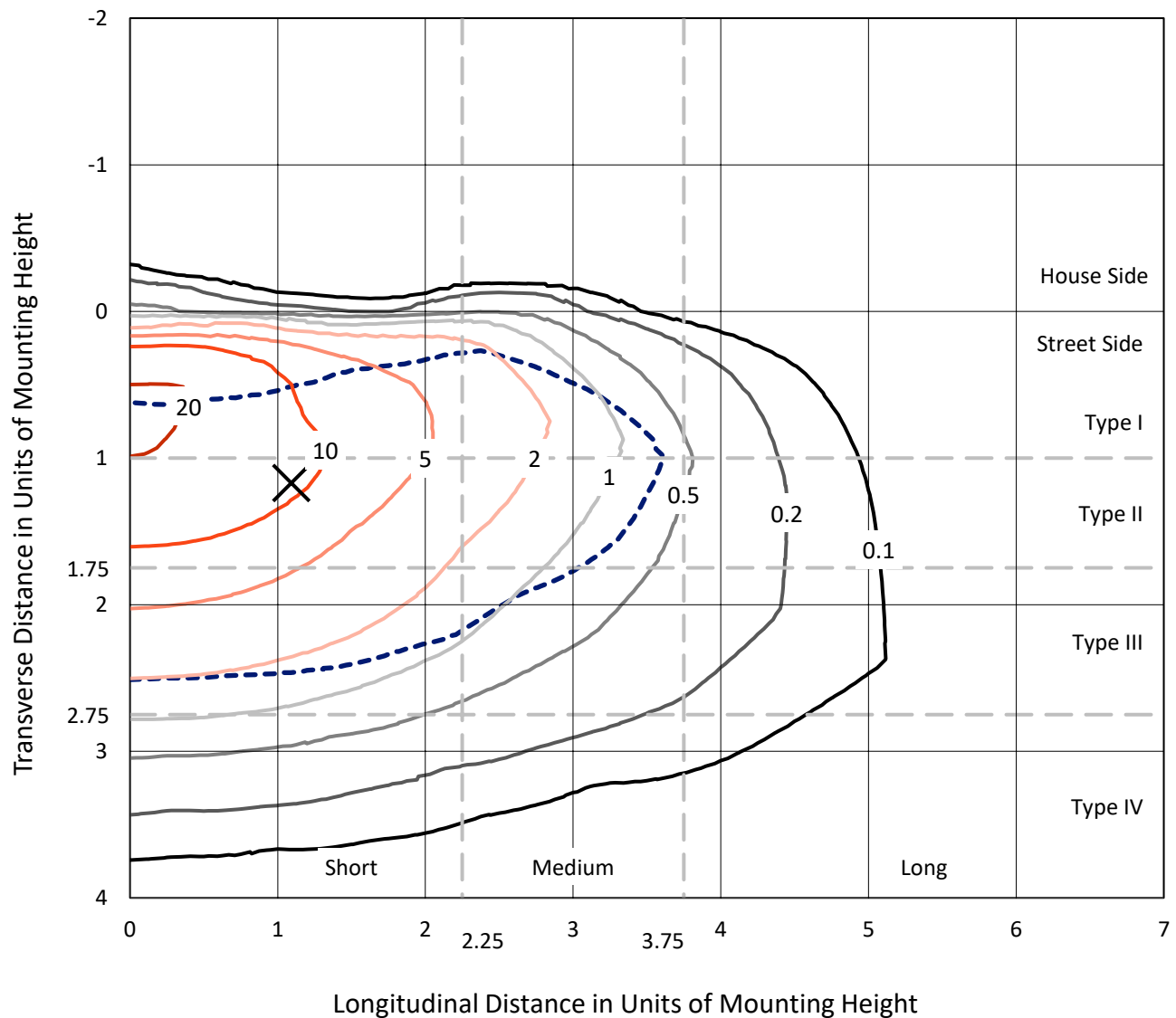


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

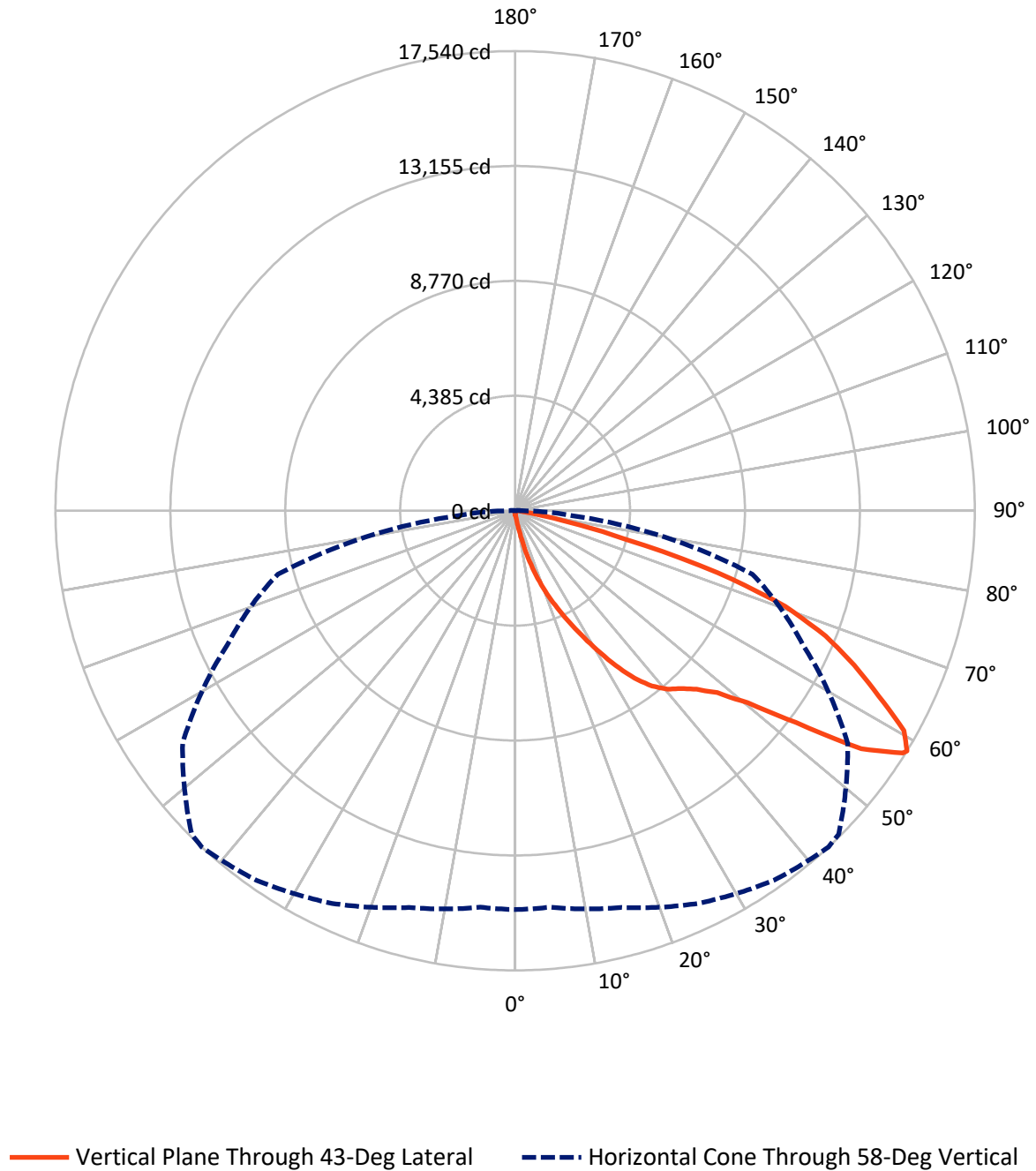


Based on 15 foot mounting height. Maximum calculated value = 23.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	77.3	0.0	77.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	21105.5	0.0	21105.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	21182.8	0.0	21182.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.3	0.1
10°-20°	243.5	1.1
20°-30°	877.6	4.1
30°-40°	2008.0	9.5
40°-50°	3386.7	16.0
50°-60°	5588.9	26.4
60°-70°	6246.3	29.5
70°-80°	2579.0	12.2
80°-90°	232.5	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°	21182.8	100.0
0°-180°	21182.8	100.0



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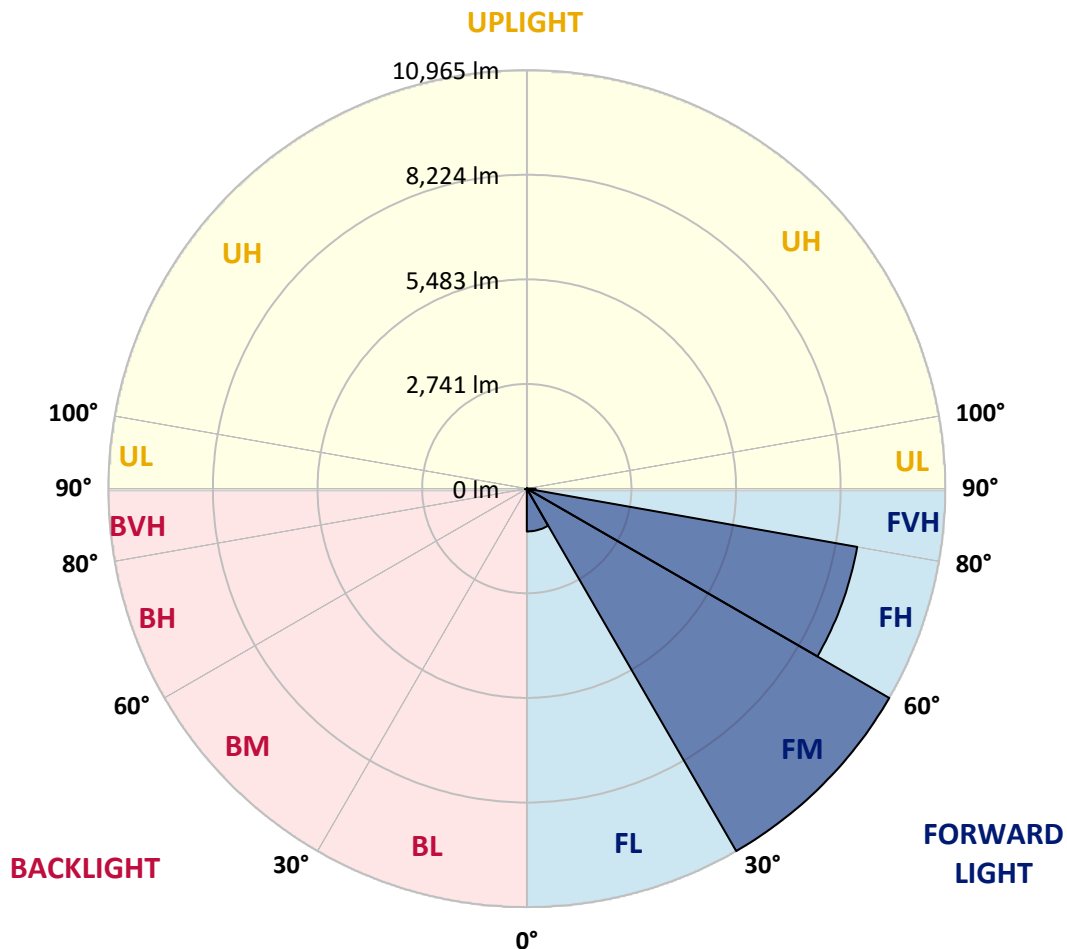
CATALOG NUMBER: GALN-SA4C-835-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1121.2	5.3			
FM	(30°-60°)	10965.1	51.8			
FH	(60°-80°)	8789.9	41.5			G4/12000
FVH	(80°-90°)	229.3	1.1			G3/500
BL	(0°-30°)	20.2	0.1	B0/110		
BM	(30°-60°)	18.5	0.1	B0/220		
BH	(60°-80°)	35.4	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	138.5	138.5	138.5	138.5	138.5	138.5	138.5	138.5	138.5	138.5	138.5
2.5°	166.2	171.7	166.2	166.2	166.2	160.7	160.7	155.1	155.1	149.6	144.0
5°	243.8	243.8	227.1	216.1	205.0	199.4	193.9	182.8	171.7	160.7	149.6
7.5°	542.9	542.9	493.1	426.6	338.0	288.1	277.0	227.1	193.9	171.7	149.6
10°	1296.4	1296.4	1185.6	1002.8	775.6	576.2	515.2	326.9	232.7	182.8	155.1
12.5°	2155.1	2182.8	2044.3	1811.6	1473.7	1124.7	1002.8	598.3	310.3	199.4	155.1
15°	2925.2	2858.7	2820.0	2598.3	2277.0	1861.5	1706.4	1008.3	448.8	227.1	155.1
17.5°	3446.0	3446.0	3390.6	3241.0	2947.4	2581.7	2454.3	1628.8	725.8	260.4	160.7
20°	4055.4	4055.4	3955.7	3850.4	3590.0	3279.8	3157.9	2315.8	1124.7	332.4	160.7
22.5°	4792.3	4803.3	4692.5	4504.2	4254.9	3911.4	3806.1	2952.9	1628.8	443.2	166.2
25°	5689.8	5700.9	5540.2	5362.9	4980.6	4609.4	4448.8	3684.2	2243.8	620.5	166.2
27.5°	6681.5	6759.0	6520.8	6216.1	5811.7	5346.3	5224.4	4343.5	2853.2	875.4	177.3
30°	7916.9	7916.9	7601.1	7174.5	6736.9	6160.7	6005.6	5036.0	3501.4	1213.3	188.4
32.5°	8980.6	8897.5	8493.1	8044.4	7579.0	7041.6	6875.4	5761.8	4166.2	1634.4	210.5
35°	9795.1	9723.0	9224.4	8742.4	8338.0	7844.9	7645.5	6548.5	4869.8	2110.8	243.8
37.5°	10493.1	10465.4	9789.5	9185.6	8919.7	8487.6	8310.3	7290.9	5562.4	2626.1	282.5
40°	11257.7	11169.0	10448.8	9700.9	9302.0	8952.9	8792.3	7889.2	6227.2	3229.9	338.0
42.5°	11911.4	11806.1	11157.9	10426.6	9745.2	9274.3	9119.2	8393.4	6875.4	3833.8	410.0
45°	12637.2	12581.8	11928.0	11374.0	10465.4	9712.0	9507.0	8797.8	7468.2	4554.0	504.2
47.5°	13728.6	13628.9	13019.4	12565.2	11512.5	10376.8	10083.1	9213.3	8038.8	5263.2	648.2
50°	14997.3	14930.8	14570.7	14210.6	13163.5	11512.5	11163.5	9811.7	8675.9	6105.3	836.6
52.5°	16033.3	16022.2	16066.6	16072.1	15279.8	13423.9	12903.1	10775.7	9407.2	6936.3	1102.5
55°	16011.2	16061.0	16548.5	17108.1	17169.1	16033.3	15529.2	12398.9	10360.2	7961.3	1473.7
57.5°	15412.8	15374.0	15889.3	16731.4	17324.2	17446.1	17363.0	14919.7	11795.1	9196.7	2044.3
58°	15218.9	15185.7	15673.2	16531.9	17213.4	17540.2	17457.1	15490.4	12116.4	9374.0	2199.5
60°	14515.3	14520.8	14808.9	15590.1	16271.5	17047.2	17124.7	17119.2	13717.5	10559.6	2980.6
62.5°	13584.5	13540.2	13806.2	14443.3	15041.6	15562.4	15695.4	17230.0	16061.0	12066.5	4470.9
65°	12299.2	12232.7	12515.3	13235.5	13878.2	14216.1	14221.7	15745.2	17163.5	13684.3	6598.4
67.5°	9911.4	9856.0	10421.1	11346.3	12338.0	12781.2	12980.7	13662.1	16232.8	14781.2	7817.2
70°	6072.0	6188.4	6975.1	8426.6	10121.9	10936.3	11235.5	11446.0	13822.8	14615.0	6537.4
72.5°	2803.3	2664.8	3335.2	4349.0	6282.6	8094.2	8404.5	9230.0	10958.5	12687.0	4875.4
75°	1307.5	1257.6	1412.7	1900.3	2847.7	4371.2	4936.3	7368.5	8404.5	8825.5	3518.0
77.5°	670.4	675.9	803.3	864.3	1174.5	2022.2	2321.3	4847.7	6160.7	4925.2	2360.1
80°	293.6	304.7	310.3	338.0	476.5	781.2	880.9	2249.3	4210.5	2509.7	1290.9
82.5°	188.4	193.9	193.9	193.9	227.1	310.3	354.6	903.1	2099.7	1246.5	398.9
85°	99.7	99.7	110.8	138.5	160.7	188.4	199.4	288.1	692.5	371.2	94.2
87.5°	55.4	60.9	66.5	83.1	105.3	127.4	138.5	199.4	265.9	254.8	22.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	138.5	138.5	138.5	138.5	138.5	138.5	138.5	138.5	138.5	138.5	138.5
2.5°	144.0	138.5	133.0	127.4	121.9	116.3	116.3	116.3	116.3	116.3	116.3
5°	138.5	133.0	127.4	116.3	105.3	99.7	94.2	88.6	88.6	88.6	88.6
7.5°	138.5	133.0	116.3	105.3	94.2	83.1	72.0	72.0	72.0	72.0	72.0
10°	138.5	127.4	110.8	94.2	77.6	66.5	60.9	55.4	55.4	55.4	55.4
12.5°	138.5	121.9	105.3	83.1	66.5	55.4	49.9	44.3	44.3	44.3	44.3
15°	138.5	121.9	99.7	77.6	60.9	44.3	38.8	33.2	33.2	33.2	33.2
17.5°	133.0	116.3	94.2	66.5	49.9	33.2	27.7	22.2	22.2	27.7	27.7
20°	127.4	110.8	83.1	55.4	38.8	27.7	16.6	16.6	16.6	16.6	16.6
22.5°	127.4	110.8	77.6	49.9	33.2	16.6	11.1	11.1	11.1	11.1	16.6
25°	127.4	105.3	66.5	38.8	22.2	11.1	5.5	5.5	5.5	5.5	5.5
27.5°	127.4	105.3	60.9	33.2	16.6	11.1	5.5	0.0	0.0	0.0	0.0
30°	121.9	99.7	55.4	27.7	11.1	5.5	0.0	0.0	0.0	0.0	0.0
32.5°	121.9	94.2	44.3	22.2	11.1	5.5	0.0	0.0	0.0	0.0	0.0
35°	127.4	88.6	38.8	16.6	5.5	0.0	0.0	0.0	0.0	0.0	5.5
37.5°	133.0	83.1	33.2	11.1	5.5	0.0	0.0	0.0	0.0	0.0	0.0
40°	138.5	77.6	33.2	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	149.6	77.6	27.7	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	160.7	77.6	22.2	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	182.8	83.1	22.2	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	199.4	88.6	16.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	221.6	83.1	16.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	249.3	83.1	16.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	271.5	77.6	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	282.5	72.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	338.0	66.5	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	526.3	55.4	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1069.3	49.9	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1994.5	44.3	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2232.7	49.9	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1407.2	38.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	742.4	38.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	371.2	38.8	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	171.7	27.7	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	72.0	16.6	11.1	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0
85°	33.2	16.6	11.1	11.1	5.5	5.5	0.0	0.0	0.0	0.0	0.0
87.5°	16.6	16.6	16.6	11.1	11.1	5.5	5.5	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

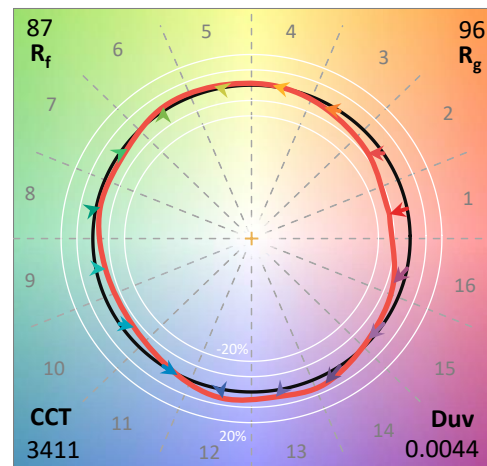
Test Information

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

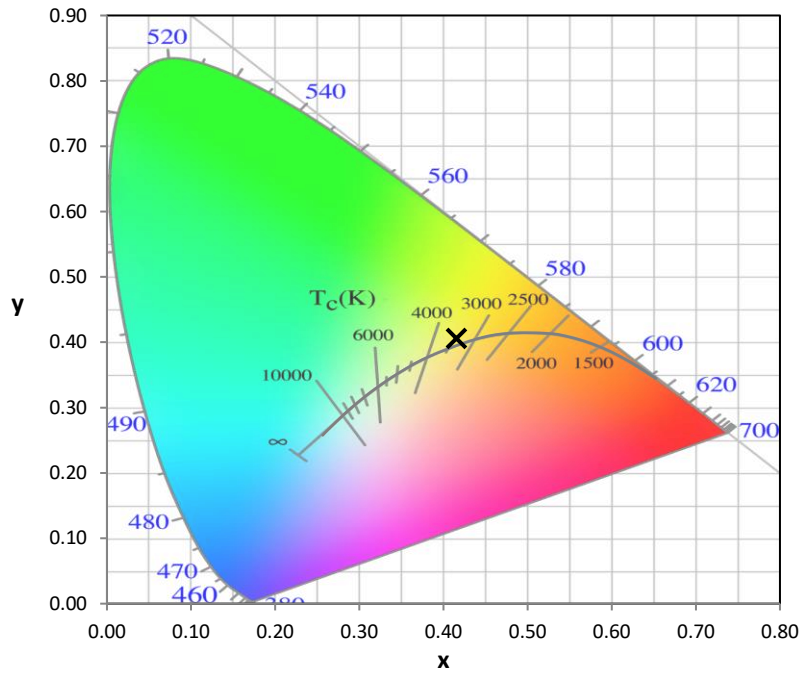
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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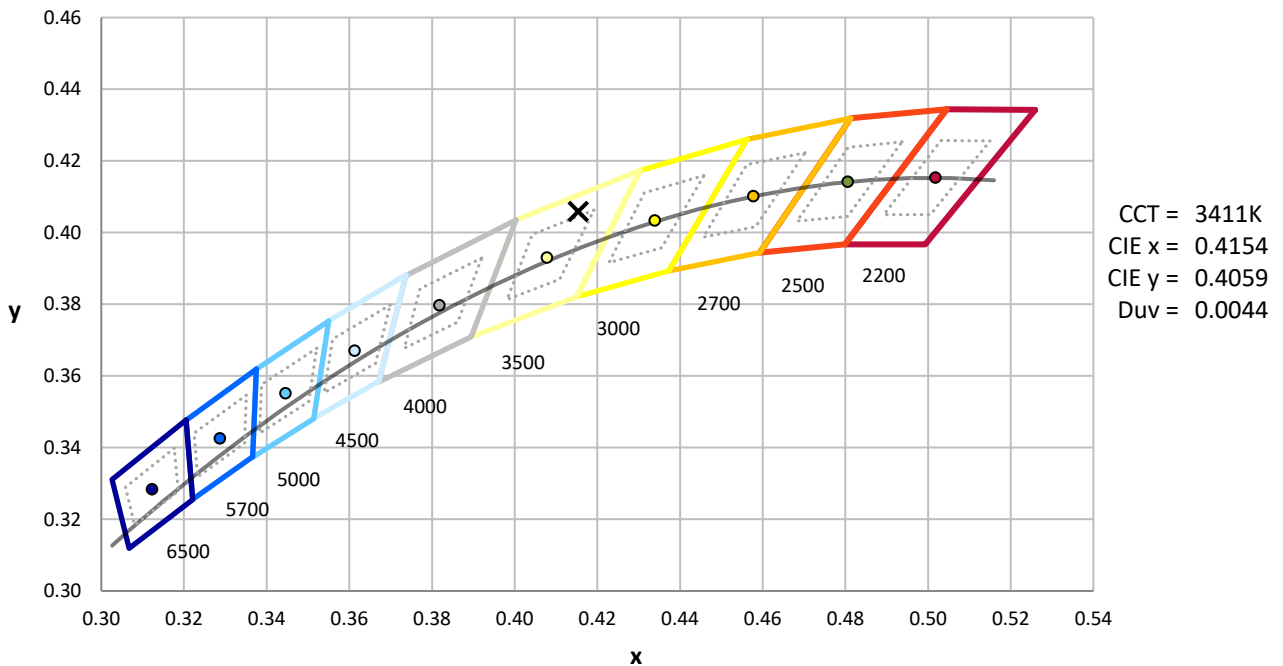
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



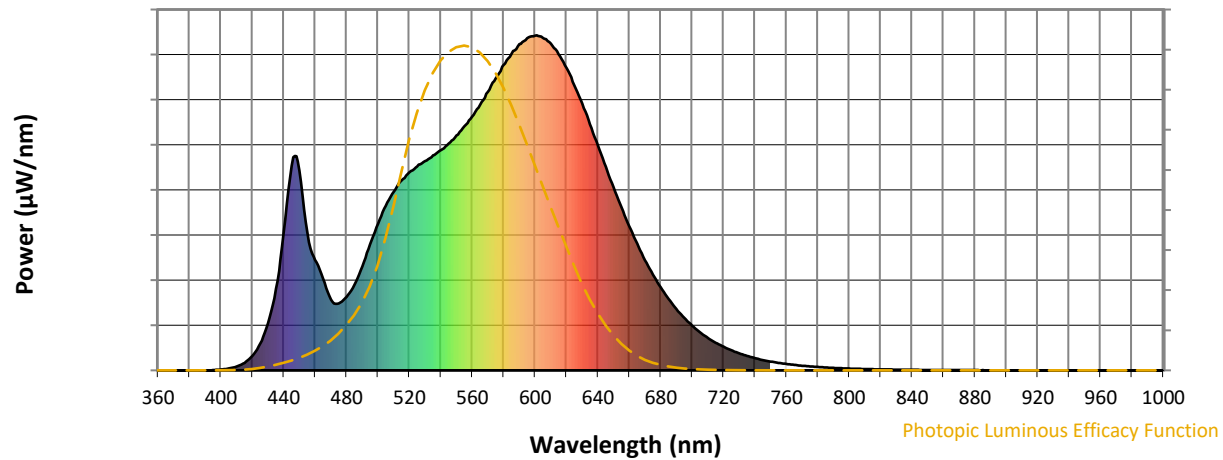
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

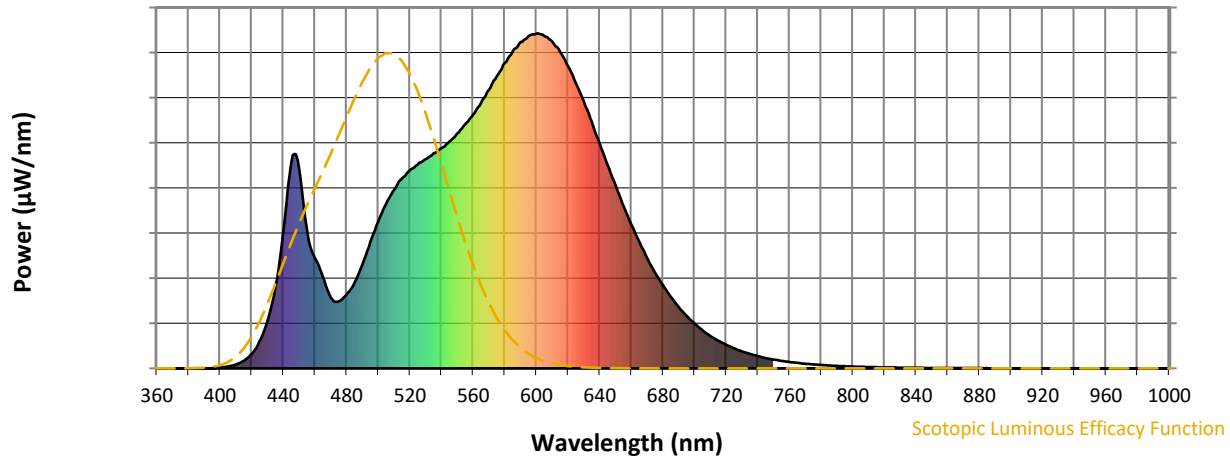


Photopic Lumens: NR

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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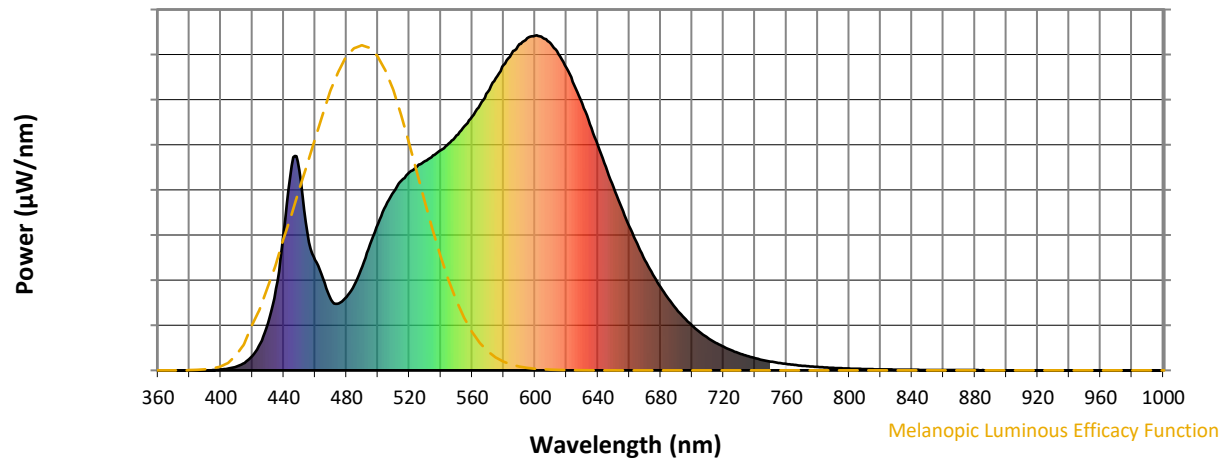
Scotopic Flux vs. Wavelength


Scotopic Lumens: NR
S/P: 1.48

λ (nm)	Power 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

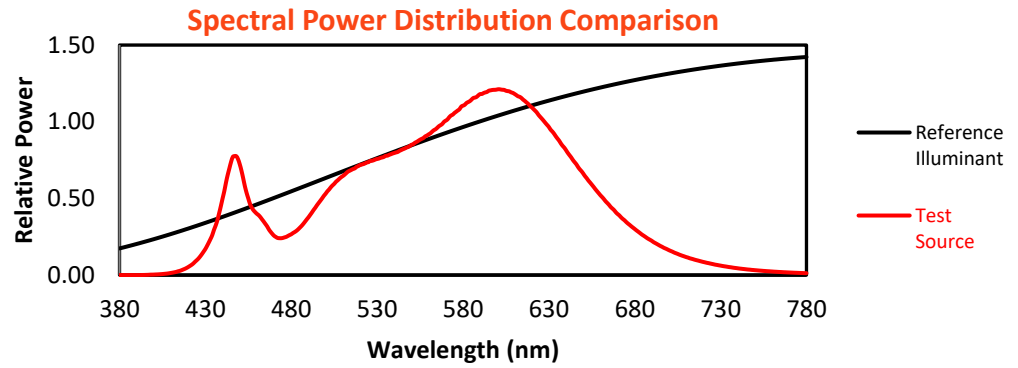
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311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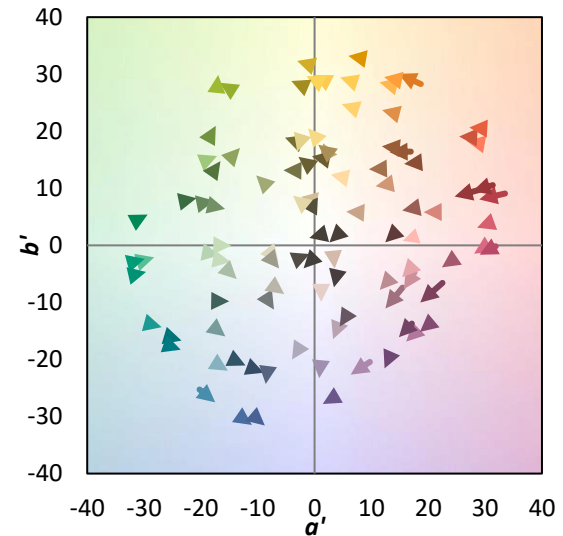
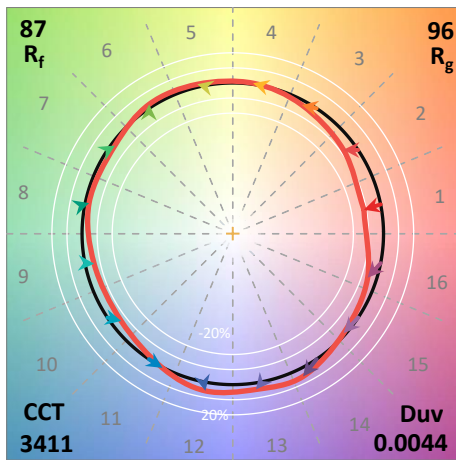
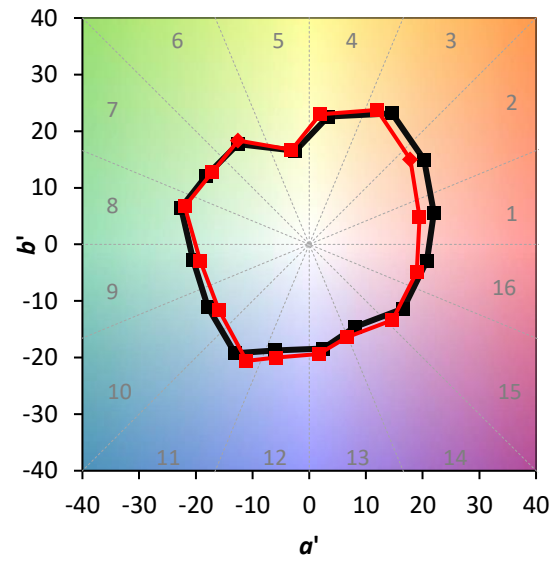
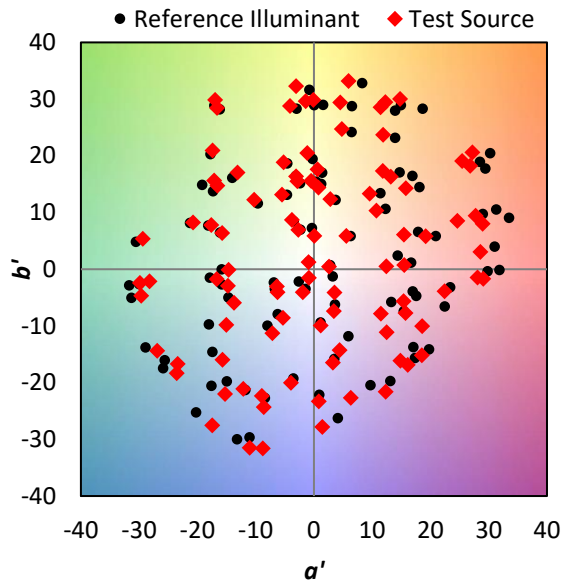
TM-30-18

Summary

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

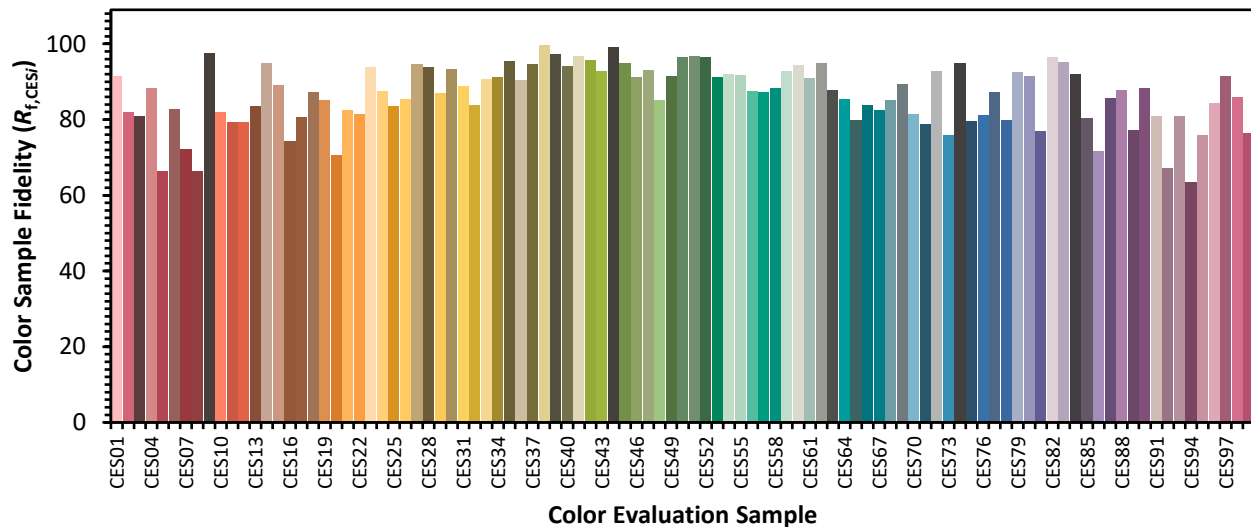


Color Vector Graphics

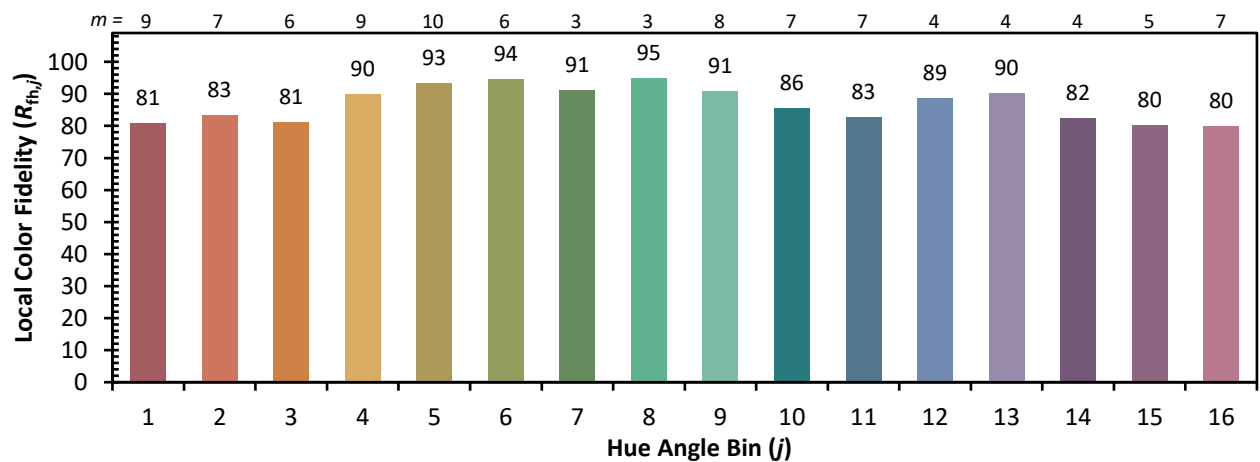
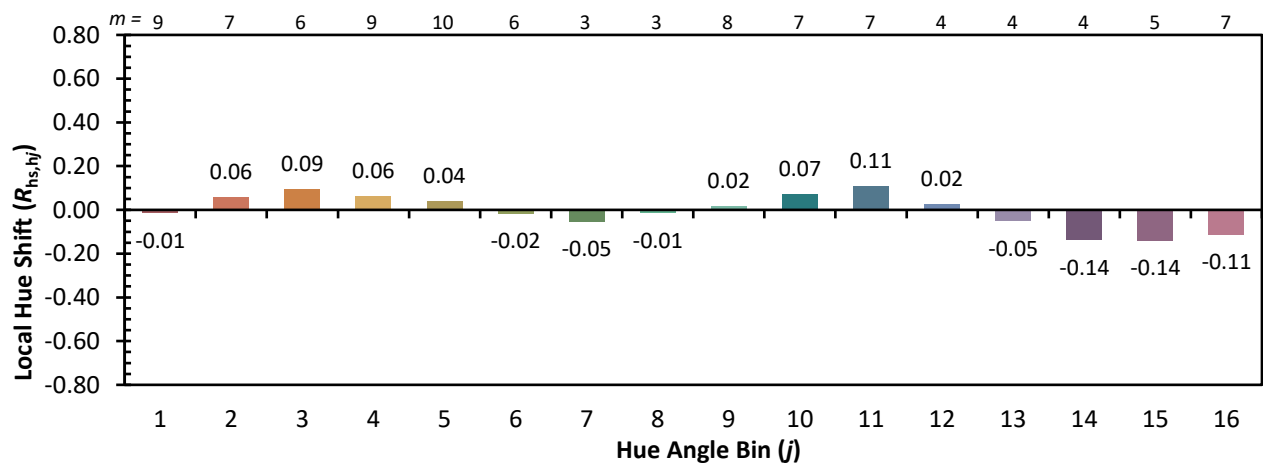
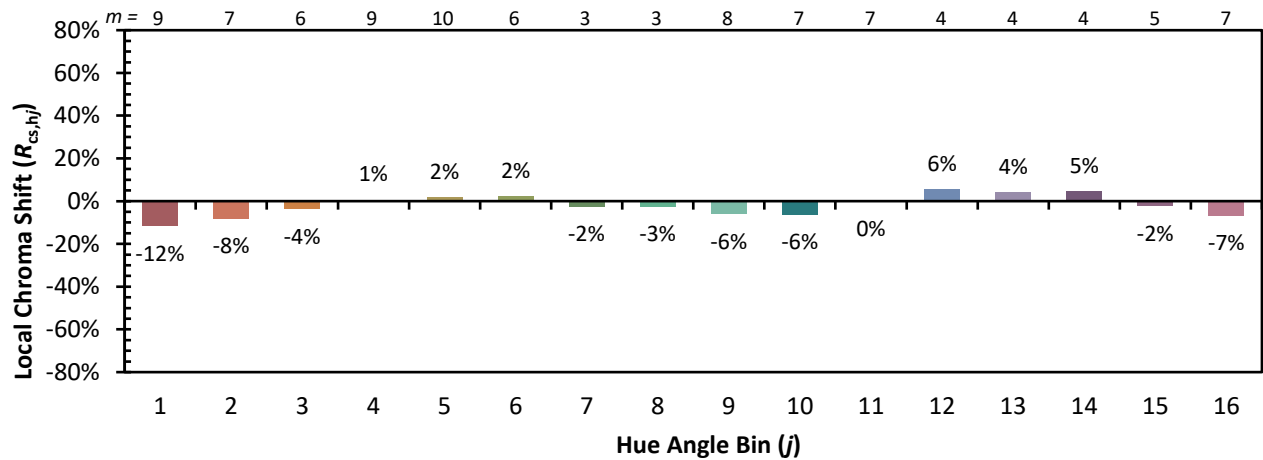


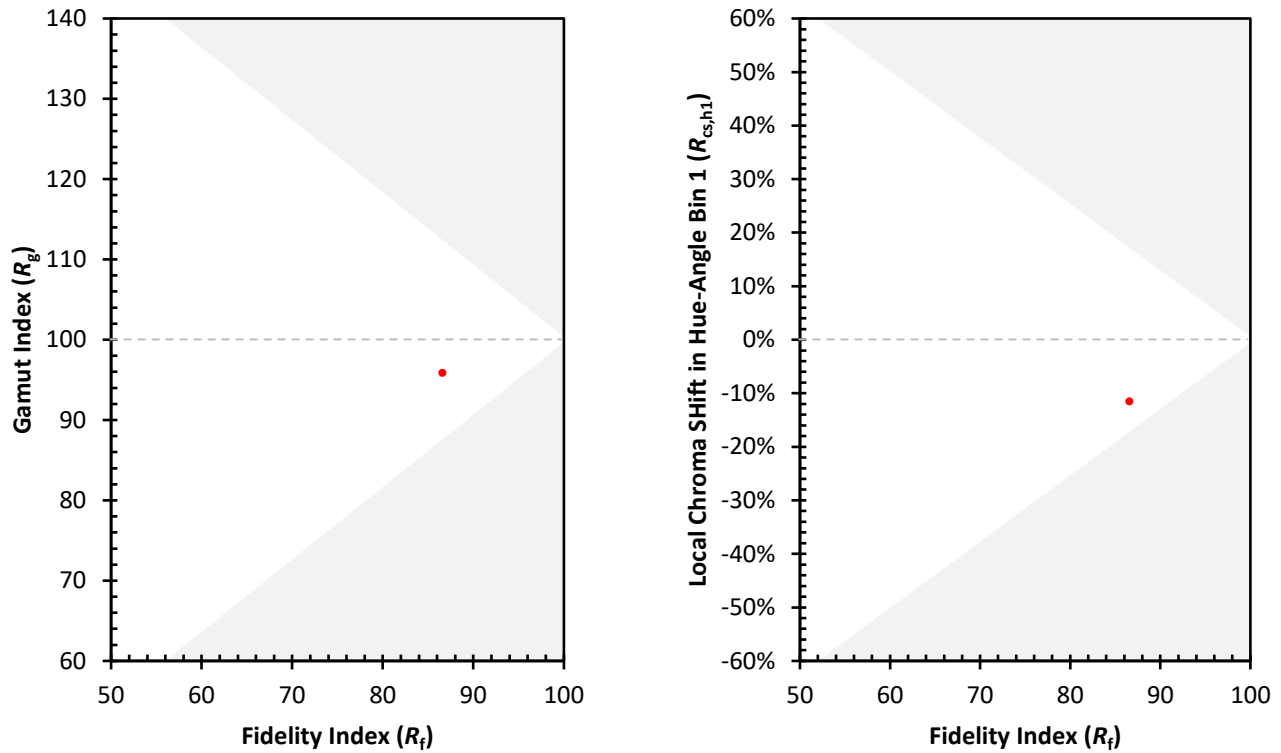
Individual Sample Fidelity Index ($R_{f,i}$)

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)