

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: P1047969

Luminaire Tested: **GALN-SA6A-835-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047969
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-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (84) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19111 lumens
Efficiency: N/A
Efficacy: 117.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

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



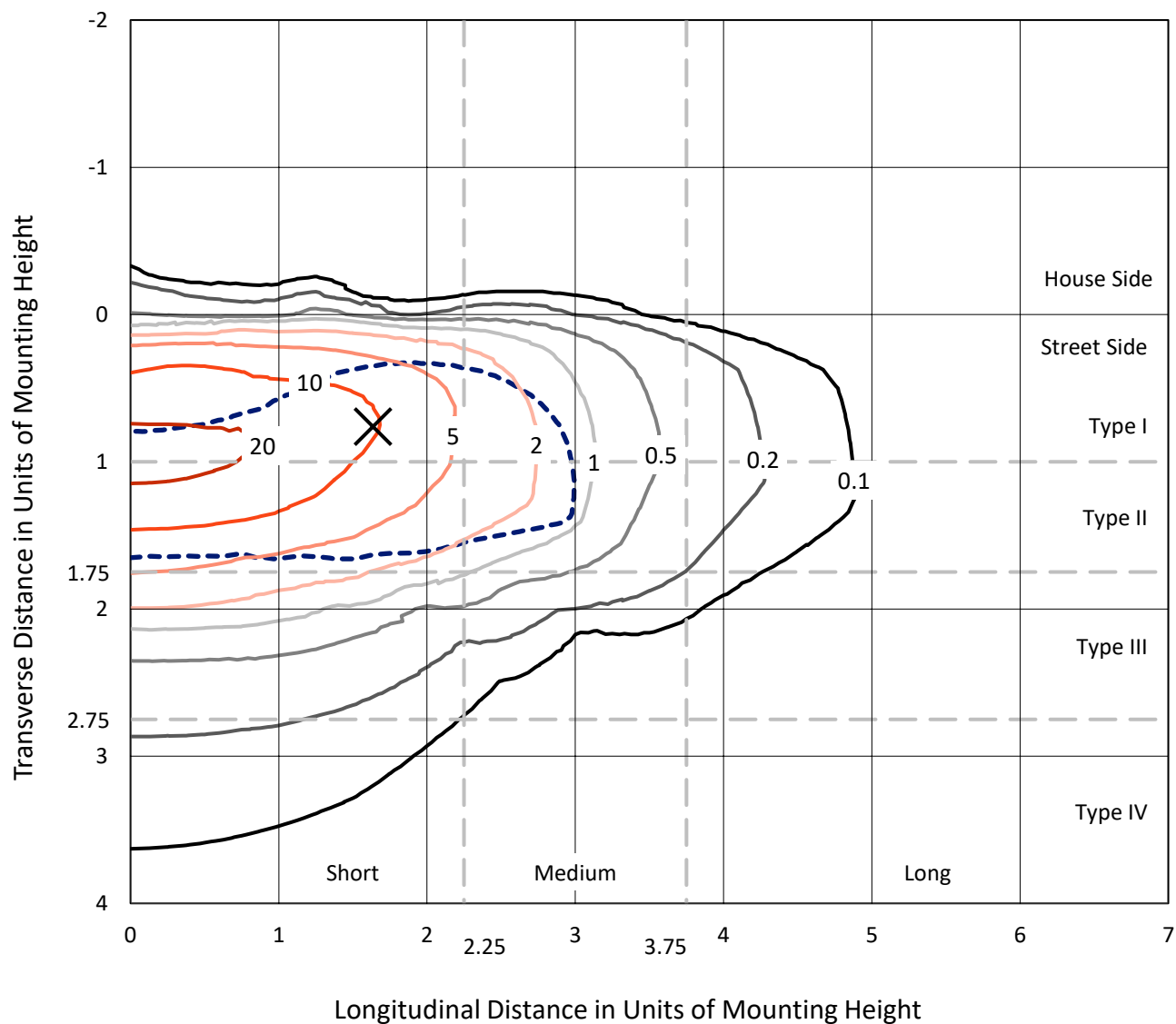
REPORT NUMBER: P1047969

CATALOG NUMBER: GALN-SA6A-835-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

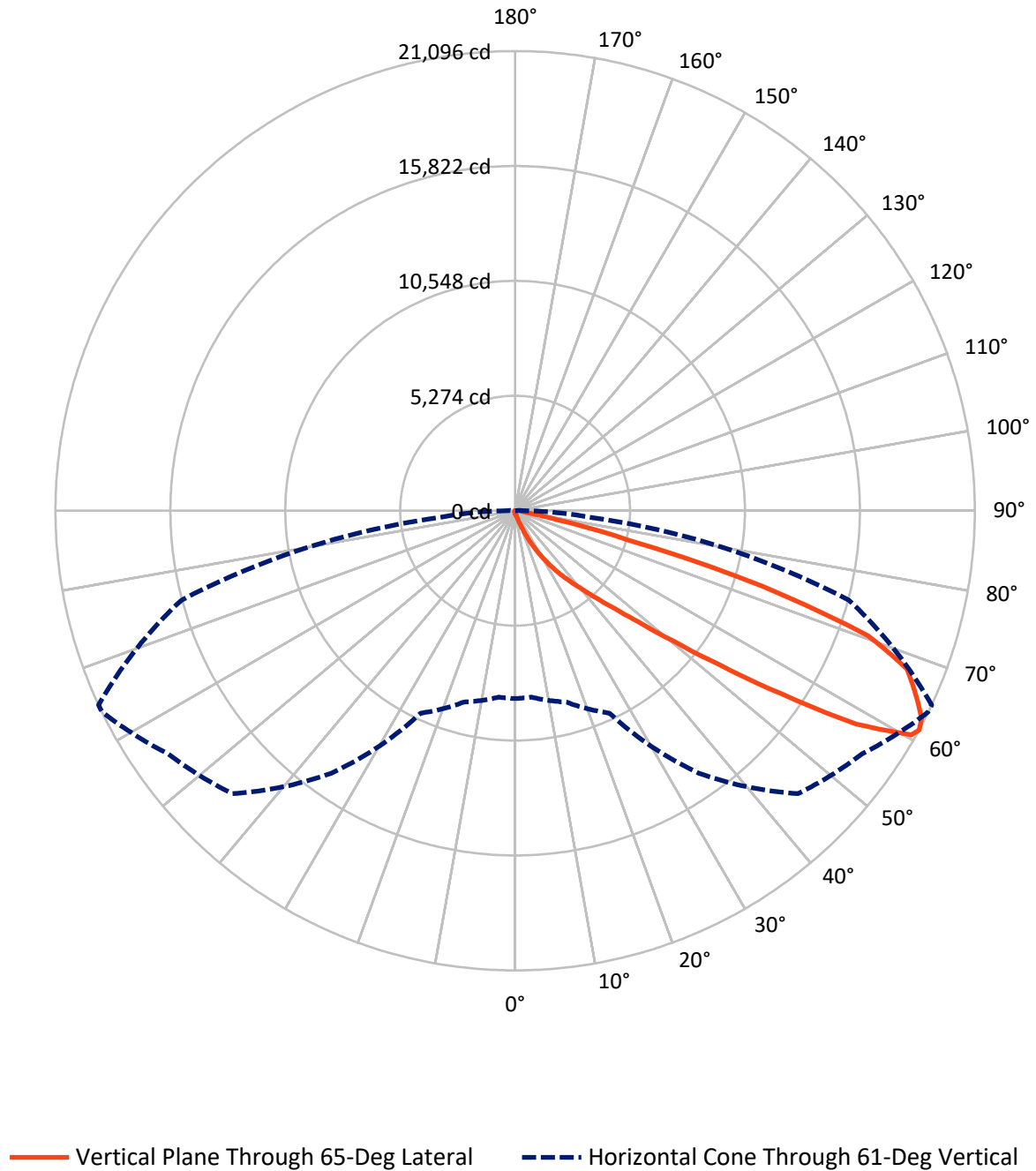


Based on 15 foot mounting height. Maximum calculated value = 25.3 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	81.6	0.0	81.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	19029.4	0.0	19029.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	19111.0	0.0	19111.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.9	0.1
10°-20°	157.2	0.8
20°-30°	564.0	3.0
30°-40°	1501.6	7.9
40°-50°	3944.6	20.6
50°-60°	6111.0	32.0
60°-70°	5123.9	26.8
70°-80°	1507.9	7.9
80°-90°	186.0	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°	19111.0	100.0
0°-180°	19111.0	100.0



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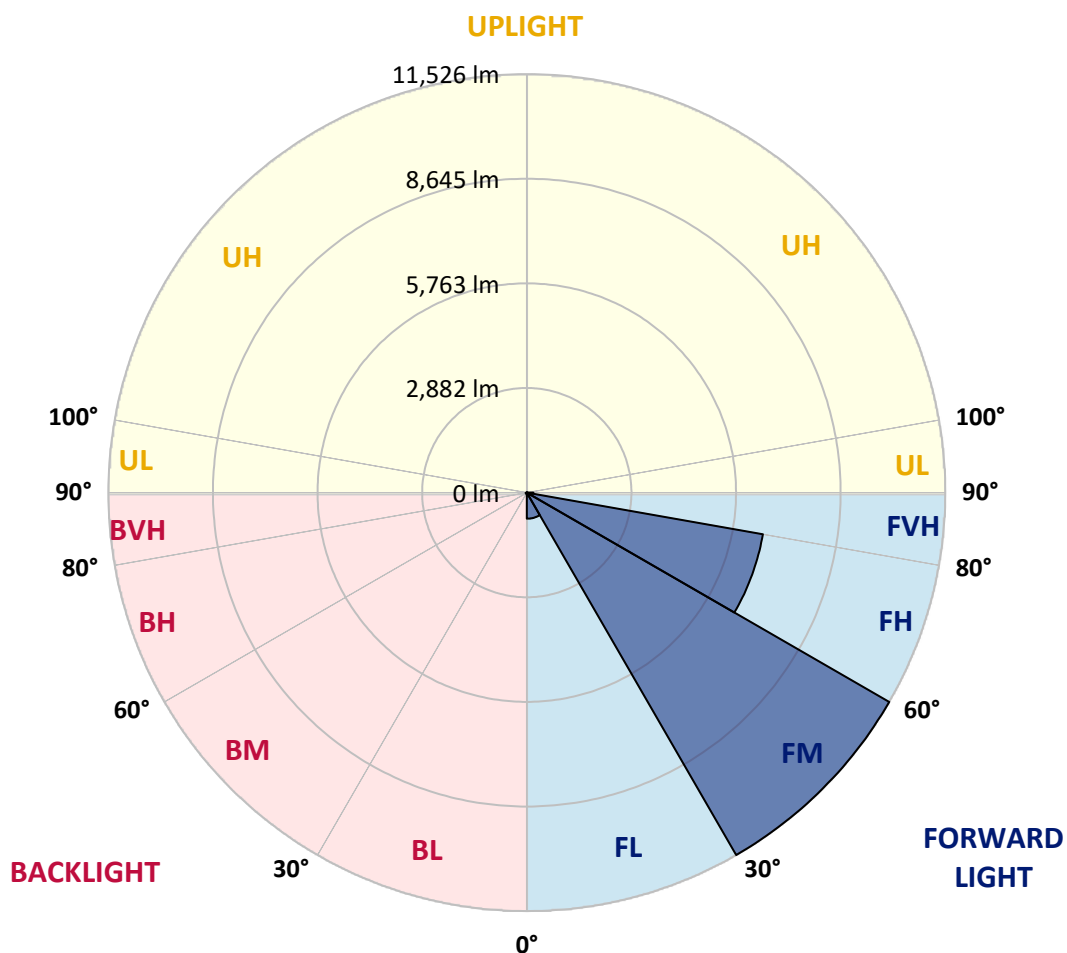
CATALOG NUMBER: GALN-SA6A-835-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	717.7	3.8			
FM	(30°-60°)	11526.1	60.3			
FH	(60°-80°)	6603.1	34.6			G3/7500
FVH	(80°-90°)	182.6	1.0			G2/225
BL	(0°-30°)	18.3	0.1	B0/110		
BM	(30°-60°)	31.0	0.2	B0/220		
BH	(60°-80°)	28.8	0.2	B0/110		G0/110
BVH	(80°-90°)	3.5	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°	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0
2.5°	142.0	143.3	140.7	135.4	131.5	131.5	130.1	126.2	126.2	122.3	119.6
5°	198.5	195.9	190.6	180.1	170.9	161.7	152.5	143.3	142.0	130.1	122.3
7.5°	324.7	327.3	310.3	277.4	249.8	214.3	181.4	161.7	159.1	139.4	123.6
10°	712.5	692.8	653.4	525.9	432.5	326.0	241.9	188.0	185.4	149.9	126.2
12.5°	1298.9	1283.1	1210.8	1079.3	838.7	583.7	353.6	232.7	224.8	159.1	127.5
15°	1872.0	1847.1	1807.6	1674.8	1393.5	1046.4	578.4	318.1	297.1	172.2	126.2
17.5°	2237.5	2241.4	2205.9	2149.4	1968.0	1548.6	999.1	474.6	433.8	195.9	123.6
20°	2557.0	2547.8	2567.5	2537.2	2409.7	2104.7	1454.0	752.0	682.3	234.0	124.9
22.5°	2925.1	2947.4	2961.9	2955.3	2814.6	2554.3	1970.6	1125.3	1037.2	303.7	128.8
25°	3418.0	3415.4	3416.7	3399.6	3262.9	2973.7	2488.6	1589.4	1500.0	416.7	138.0
27.5°	3934.7	3950.5	3957.0	3895.2	3716.5	3432.5	2968.4	2096.8	1991.7	598.2	149.9
30°	4640.6	4627.5	4597.3	4471.1	4254.1	3901.8	3441.7	2629.3	2518.8	851.9	168.3
32.5°	5592.4	5578.0	5425.5	5146.8	4822.1	4390.9	3917.6	3163.0	3028.9	1168.7	193.3
35°	7160.8	7183.1	6808.5	6086.7	5504.4	4978.5	4444.8	3694.1	3575.8	1559.2	227.4
37.5°	9562.6	9440.4	8931.6	7656.4	6402.2	5712.1	4948.3	4230.5	4127.9	2040.3	272.1
40°	11896.1	11775.1	11627.9	10419.8	7962.7	6520.6	5652.9	4860.2	4727.4	2583.2	337.9
42.5°	14349.2	14282.1	14275.6	13364.5	10810.2	7791.8	6500.8	5597.7	5484.6	3178.8	445.7
45°	16087.1	16020.1	16160.7	16319.8	14688.4	10515.7	7977.2	6556.1	6391.7	3901.8	617.9
47.5°	16321.1	16323.8	16699.7	17198.0	17570.0	14729.1	9943.9	7826.0	7626.2	4936.4	907.1
50°	15542.9	15573.1	16171.3	17062.6	18064.3	18264.2	13411.9	9669.1	9373.3	6163.0	1317.3
52.5°	14061.3	14095.5	14928.9	16394.8	17609.5	19113.4	17495.1	12080.1	11739.6	7693.2	1895.7
55°	12726.9	12748.0	13703.7	15556.0	17061.3	18652.0	19919.3	15299.7	14852.7	9575.8	2466.2
57.5°	11405.7	11357.1	11978.9	14099.4	16967.9	18085.4	20276.9	18968.8	18475.8	11633.2	2910.6
60°	9638.9	9557.4	10056.9	11405.7	15740.1	18457.4	19607.7	20998.6	20886.8	14497.7	3253.7
61°	8622.7	8588.5	9090.7	10247.5	14706.8	18362.8	19447.3	21084.0	21095.9	15853.1	3407.5
62.5°	6157.7	6255.0	7022.8	8526.7	12318.1	17748.8	19468.4	20819.8	20936.8	17654.2	3805.9
65°	2737.1	2893.5	3490.3	4714.3	7163.4	14764.6	19281.7	20240.0	20182.2	18148.5	5178.3
67.5°	1623.6	1647.2	1944.3	2671.3	3794.0	7941.7	17015.3	19473.6	19396.1	15799.2	6443.0
70°	1279.1	1291.0	1385.6	1676.2	2202.0	3042.1	9711.2	16848.3	17186.2	12811.1	6307.6
72.5°	1213.4	1210.8	1223.9	1275.2	1386.9	1509.2	3759.8	11199.3	11886.9	9226.1	5288.8
75°	1197.6	1192.4	1179.2	1159.5	1004.4	888.7	1164.8	4953.5	5351.9	6303.7	3982.0
77.5°	1162.1	1163.4	1166.1	1112.2	861.1	628.4	564.0	1589.4	1954.9	4000.4	2830.4
80°	786.1	798.0	817.7	796.7	774.3	454.9	398.3	565.3	573.2	2245.4	1869.4
82.5°	398.3	398.3	389.1	347.1	299.7	295.8	316.8	410.2	415.4	1135.8	879.5
85°	240.6	253.7	259.0	235.3	215.6	198.5	241.9	326.0	337.9	440.4	205.1
87.5°	53.9	55.2	60.5	80.2	117.0	159.1	224.8	298.4	303.7	282.6	25.0
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: P1047969

CATALOG NUMBER: GALN-SA6A-835-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0
2.5°	118.3	115.7	114.4	110.4	106.5	102.5	99.9	98.6	99.9	101.2	101.2
5°	117.0	113.1	106.5	99.9	94.7	89.4	84.1	82.8	82.8	84.1	84.1
7.5°	117.0	110.4	101.2	93.3	85.5	77.6	73.6	71.0	72.3	72.3	72.3
10°	117.0	109.1	97.3	85.5	76.2	67.0	60.5	57.8	57.8	57.8	57.8
12.5°	115.7	107.8	93.3	78.9	65.7	55.2	47.3	43.4	44.7	44.7	44.7
15°	113.1	103.9	88.1	67.0	52.6	42.1	34.2	30.2	31.6	34.2	35.5
17.5°	109.1	99.9	78.9	56.5	42.1	31.6	23.7	21.0	22.3	26.3	26.3
20°	107.8	96.0	69.7	46.0	31.6	22.3	15.8	13.1	14.5	19.7	21.0
22.5°	107.8	93.3	63.1	38.1	23.7	14.5	9.2	5.3	5.3	9.2	9.2
25°	109.1	92.0	57.8	31.6	17.1	10.5	5.3	2.6	5.3	14.5	17.1
27.5°	111.7	90.7	55.2	26.3	13.1	9.2	3.9	9.2	15.8	15.8	15.8
30°	114.4	88.1	51.3	22.3	11.8	6.6	6.6	13.1	13.1	15.8	17.1
32.5°	118.3	86.8	48.6	19.7	9.2	5.3	9.2	7.9	7.9	9.2	10.5
35°	126.2	88.1	46.0	19.7	9.2	6.6	7.9	3.9	2.6	2.6	2.6
37.5°	136.7	89.4	42.1	17.1	7.9	7.9	3.9	0.0	0.0	0.0	0.0
40°	153.8	93.3	39.4	15.8	6.6	6.6	1.3	0.0	0.0	0.0	0.0
42.5°	182.7	101.2	38.1	14.5	6.6	5.3	0.0	0.0	0.0	0.0	0.0
45°	240.6	119.6	35.5	13.1	6.6	2.6	0.0	0.0	0.0	0.0	0.0
47.5°	345.7	163.0	34.2	10.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0
50°	504.8	220.9	32.9	9.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	644.2	232.7	22.3	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	659.9	160.4	17.1	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	525.9	103.9	14.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	398.3	78.9	13.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	382.6	71.0	13.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	422.0	61.8	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	686.2	51.3	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1192.4	44.7	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1506.6	42.1	7.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1313.3	38.1	7.9	2.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0
75°	790.1	32.9	7.9	5.3	2.6	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	414.1	25.0	7.9	6.6	3.9	1.3	0.0	0.0	0.0	0.0	0.0
80°	201.1	22.3	9.2	6.6	5.3	2.6	0.0	0.0	0.0	0.0	0.0
82.5°	78.9	18.4	10.5	9.2	6.6	3.9	1.3	0.0	0.0	0.0	0.0
85°	35.5	15.8	11.8	10.5	9.2	5.3	1.3	0.0	0.0	0.0	0.0
87.5°	18.4	14.5	13.1	11.8	9.2	6.6	2.6	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

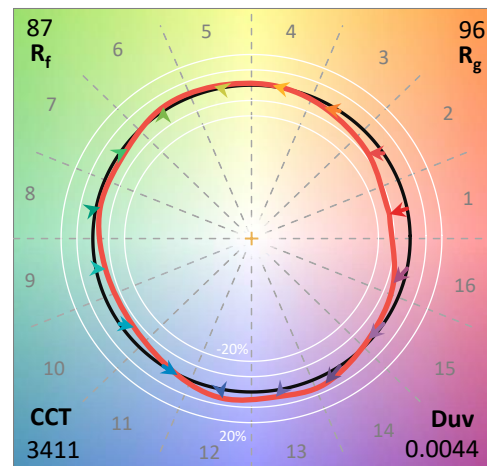
Test Information

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

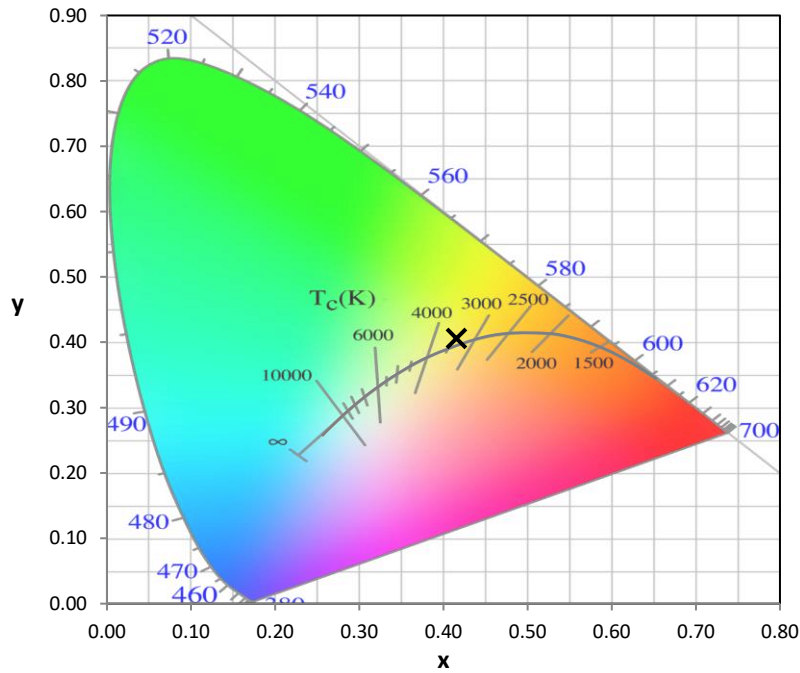
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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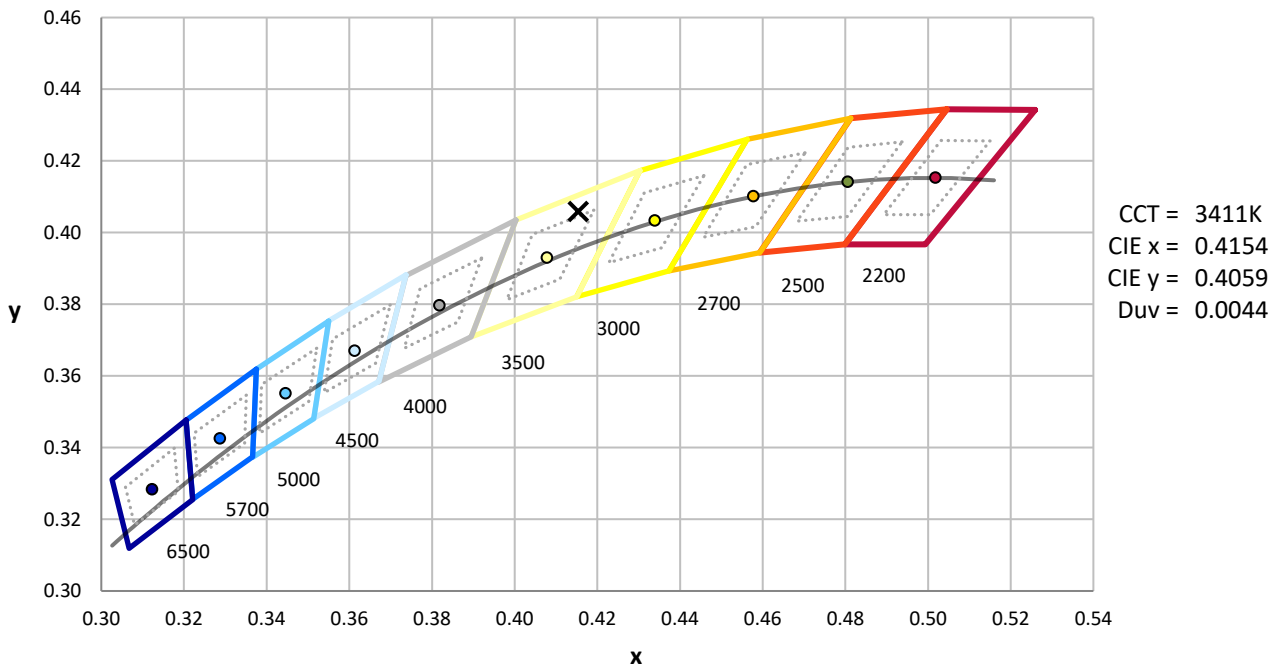
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



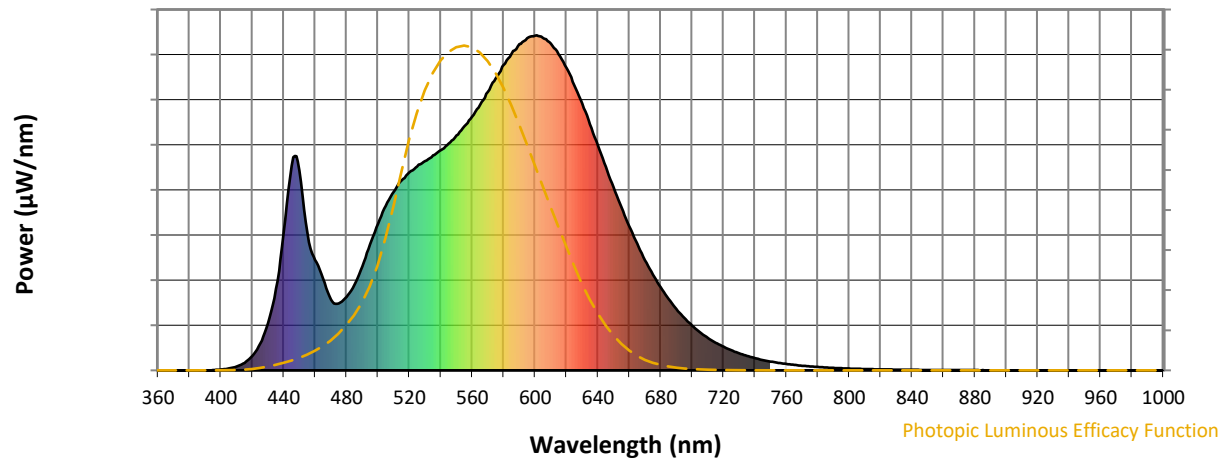
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

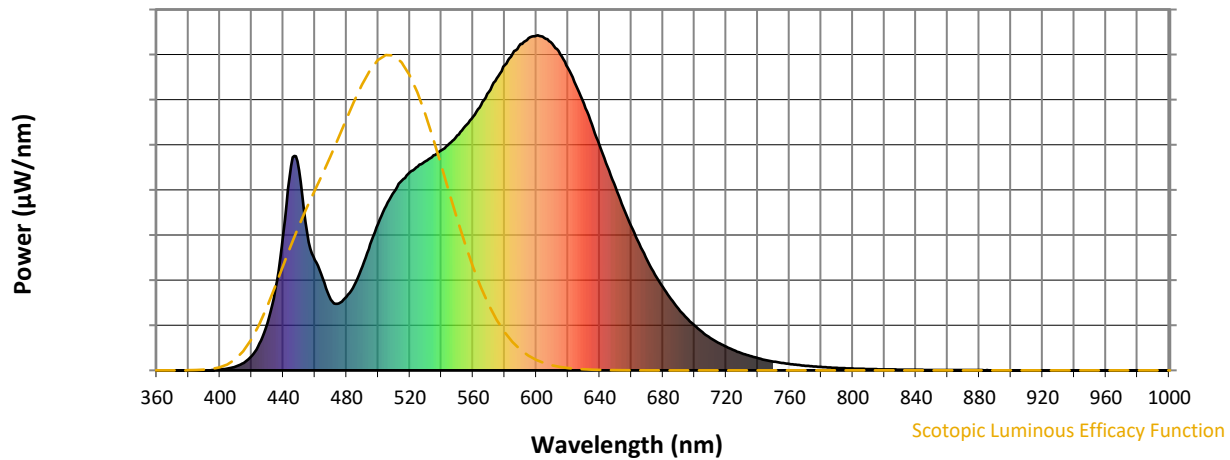


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /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



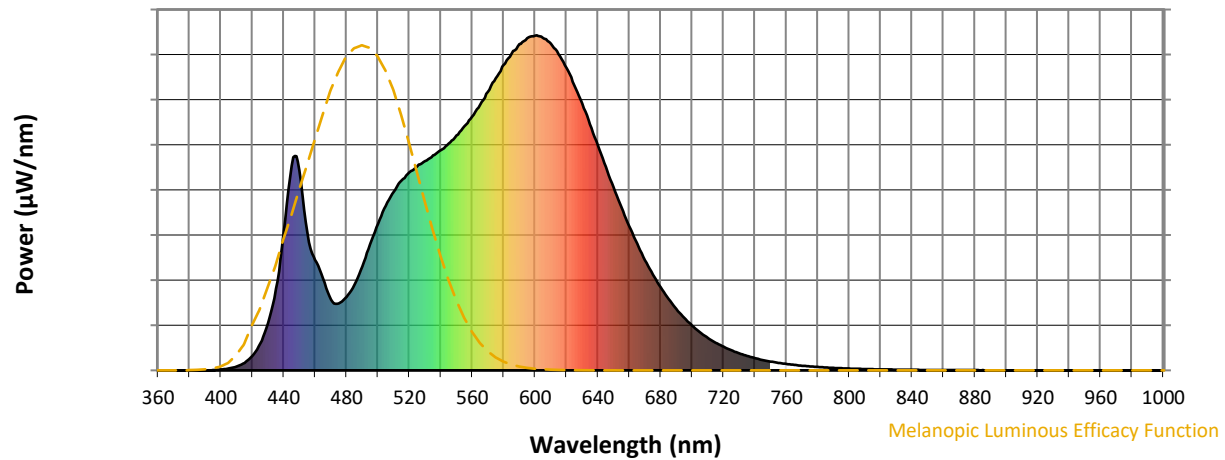
Scotopic Lumens: NR

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

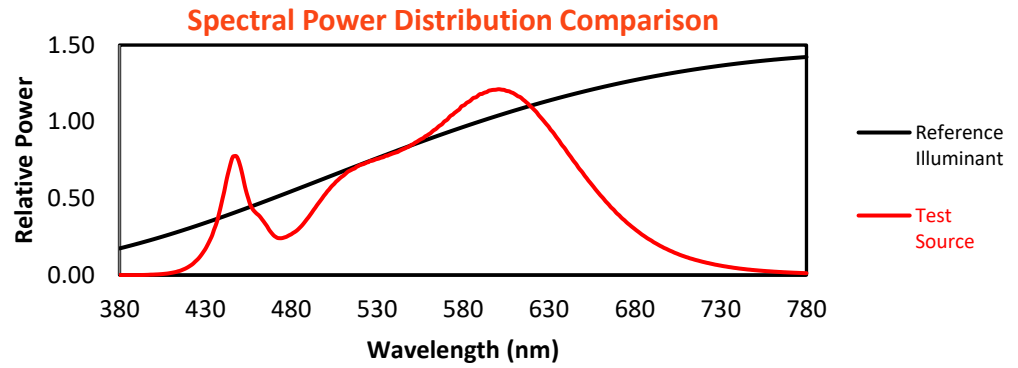
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903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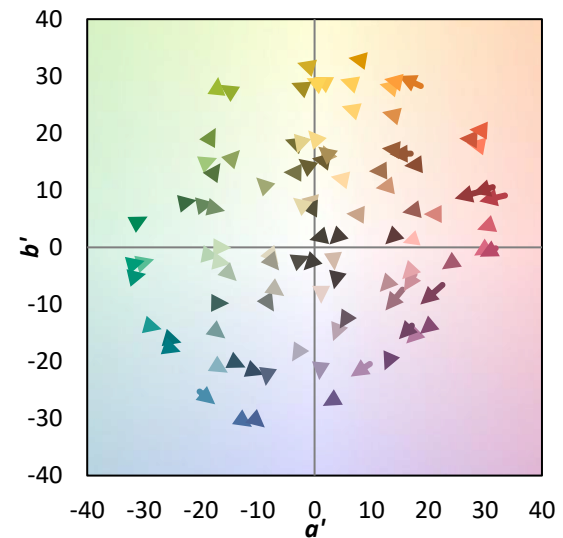
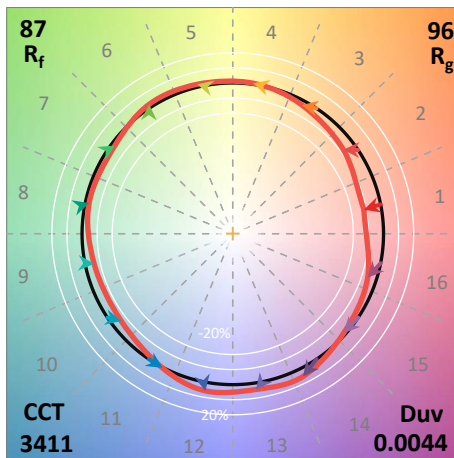
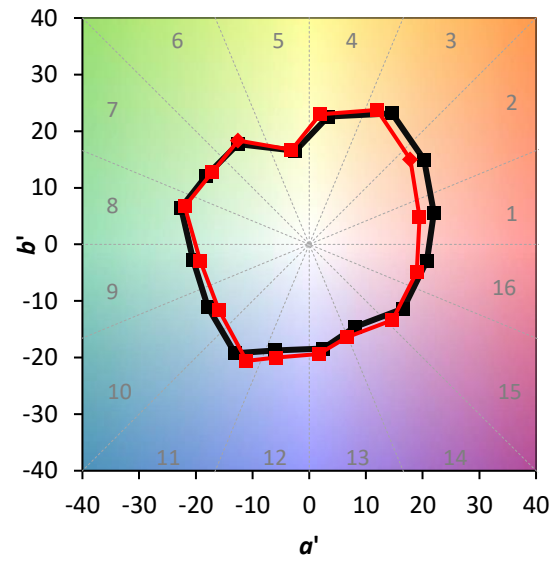
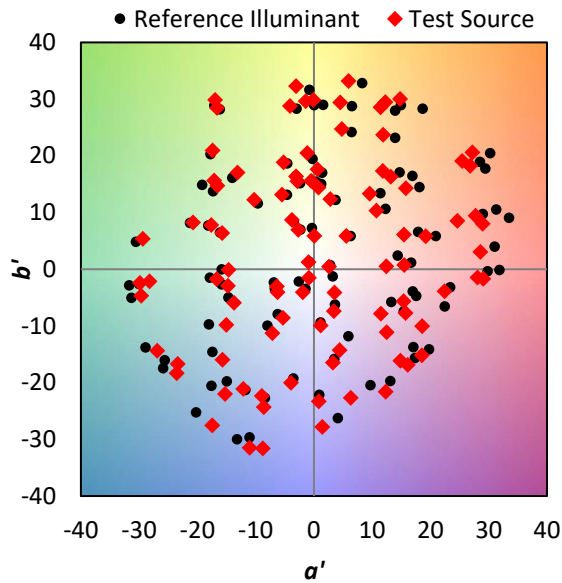
TM-30-18

Summary

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

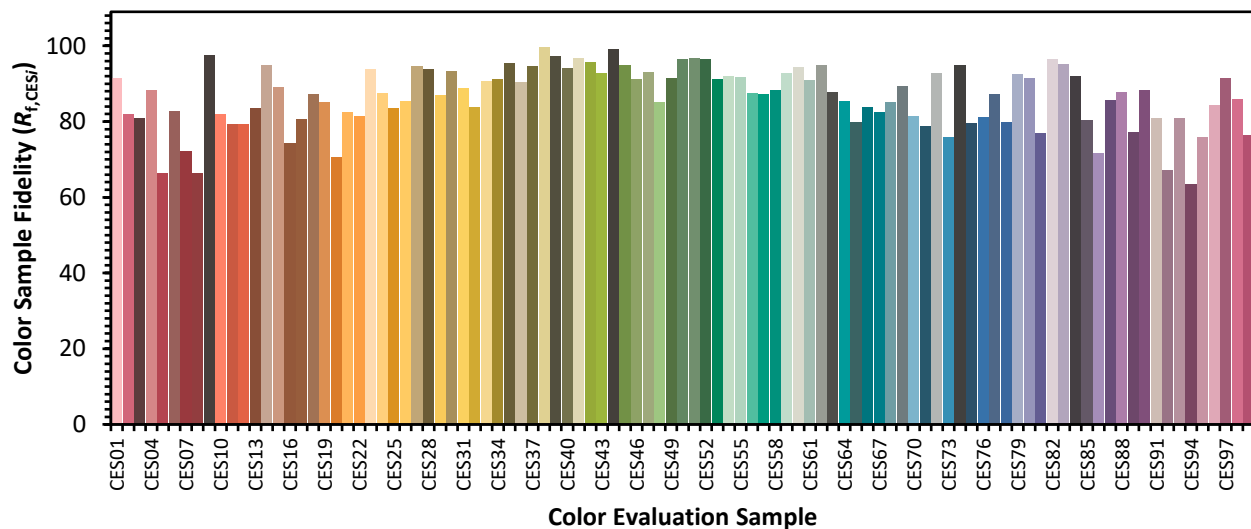


Color Vector Graphics

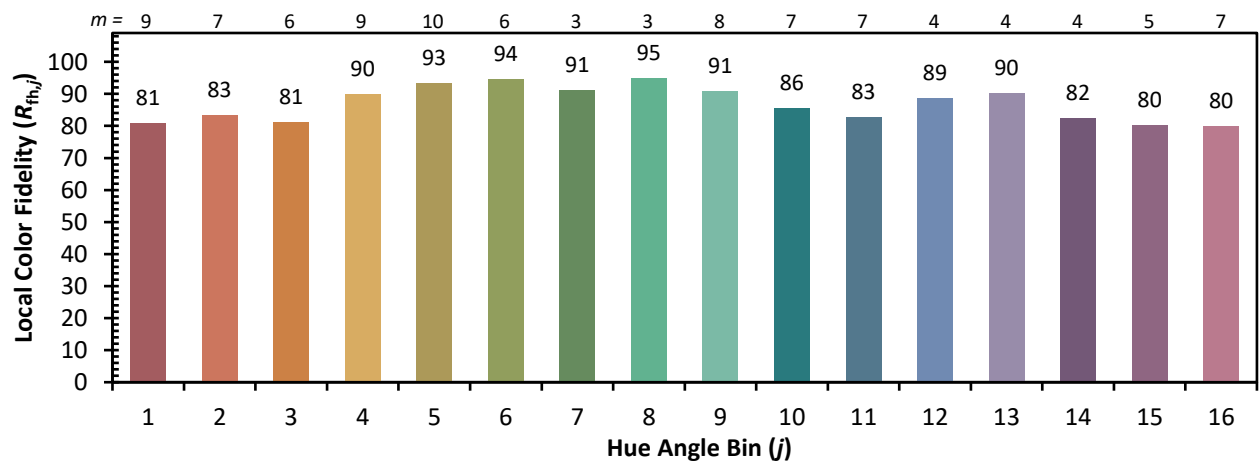
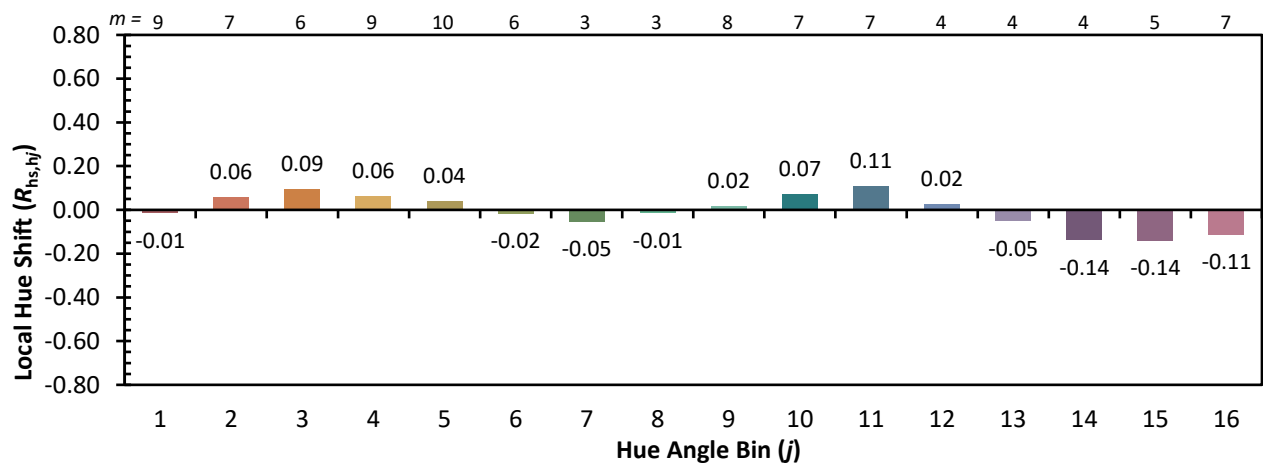
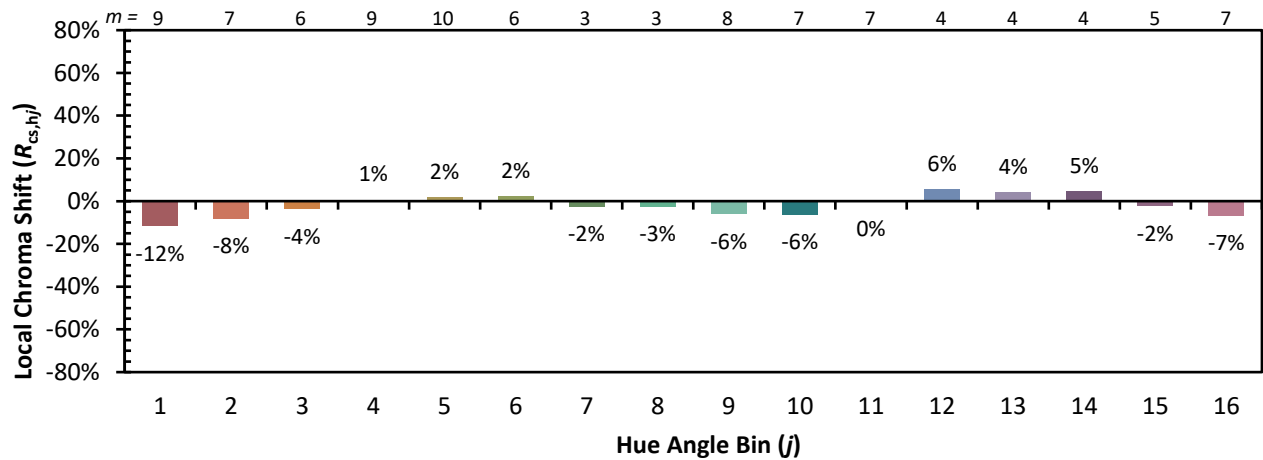


Individual Sample Fidelity Index ($R_{f,i}$)

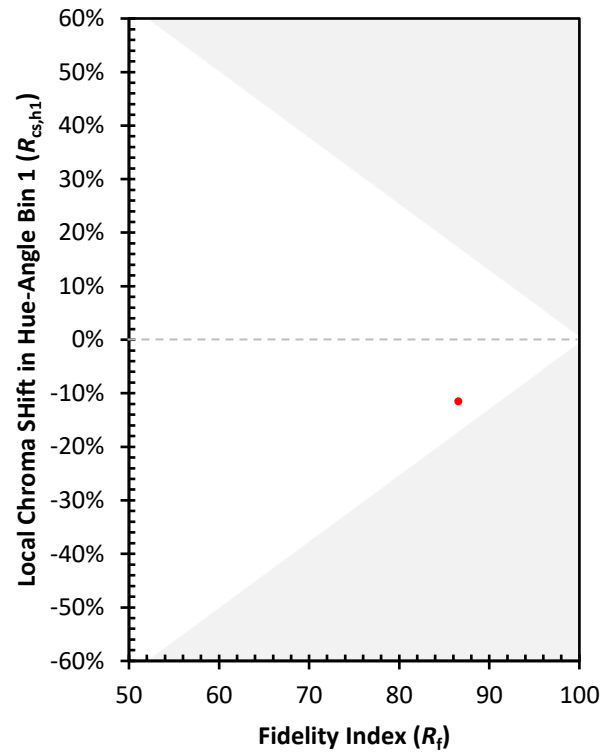
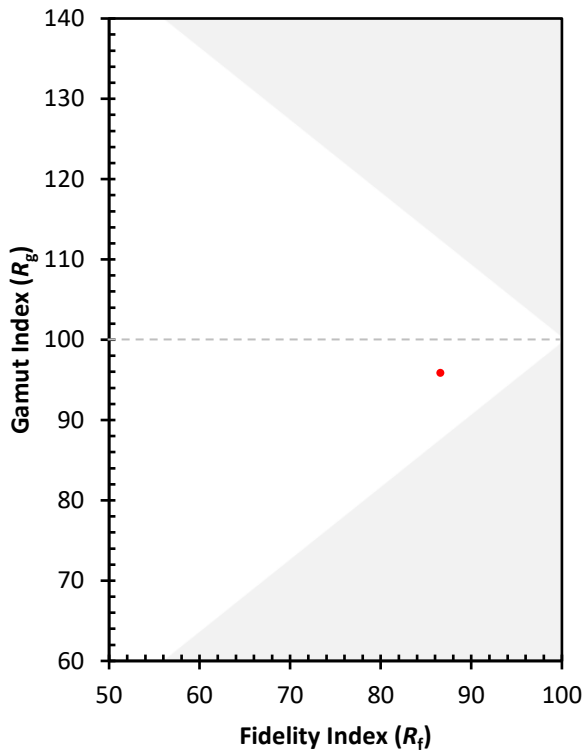
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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