

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: P1047970

Luminaire Tested: **GALN-SA6B-835-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047970
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6B-835-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 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: 23927.2 lumens
Efficiency: N/A
Efficacy: 111.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 213.8
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



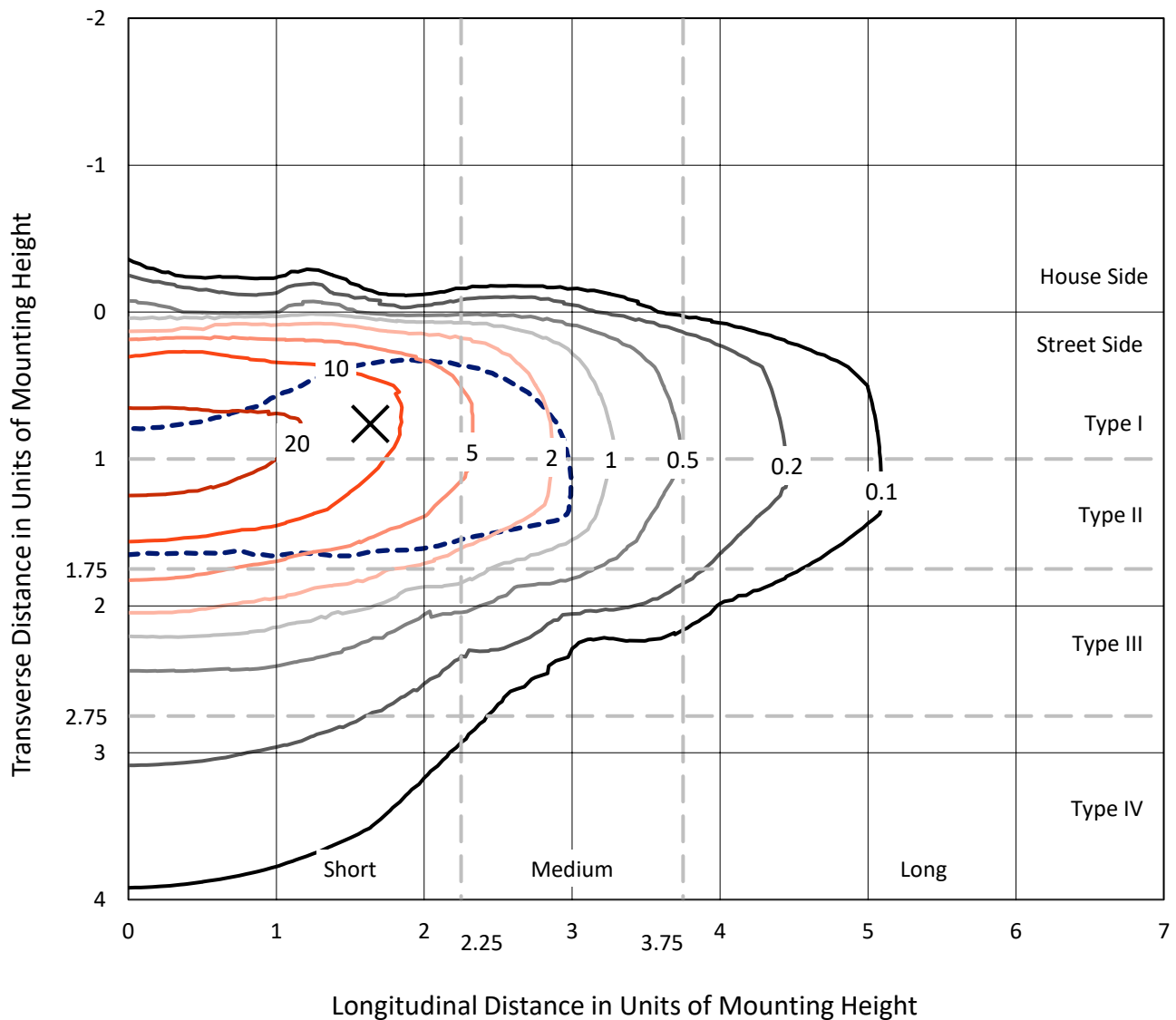
REPORT NUMBER: P1047970

CATALOG NUMBER: GALN-SA6B-835-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

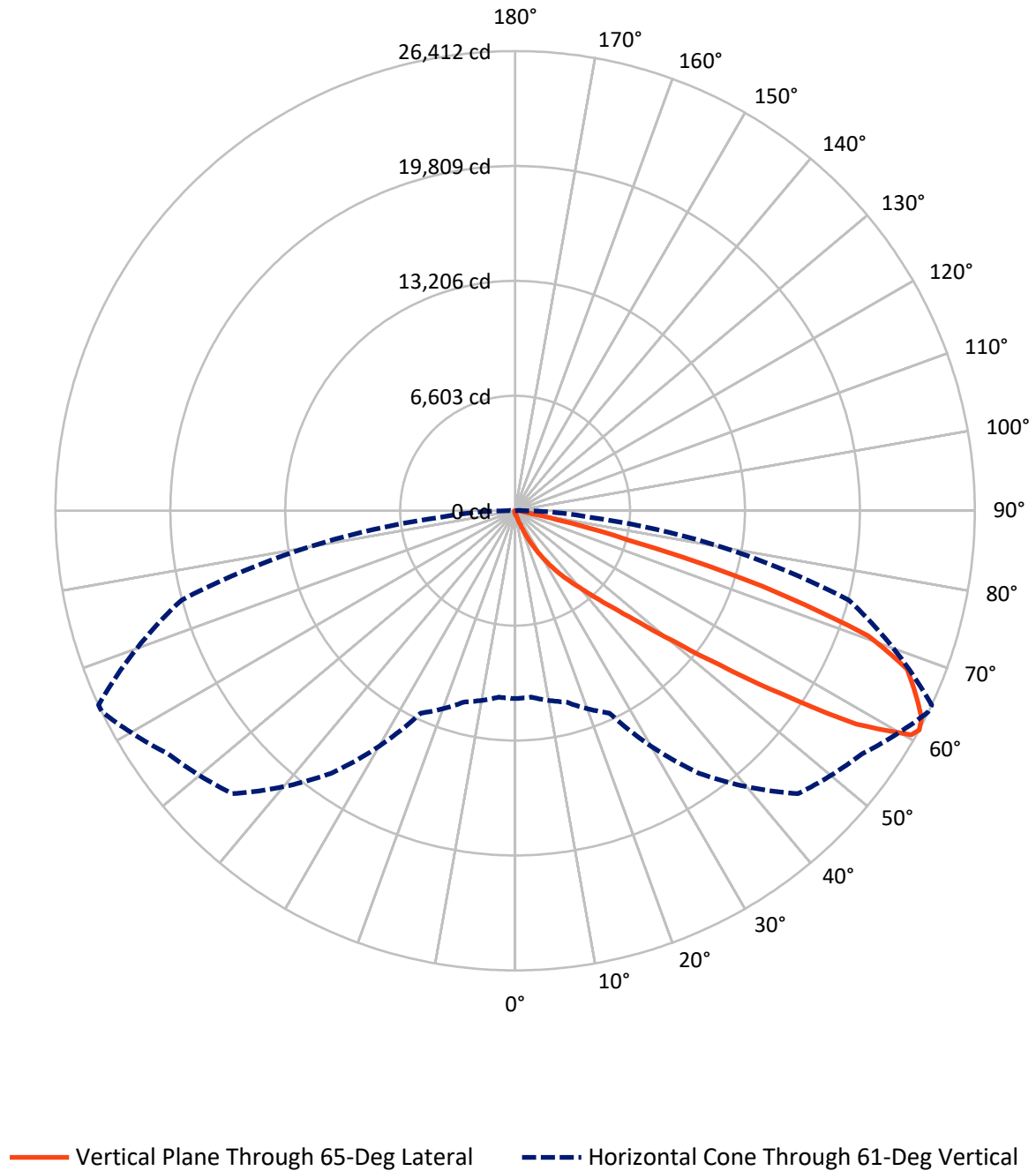


Based on 15 foot mounting height. Maximum calculated value = 31.6 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	102.1	0.0	102.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	23825.1	0.0	23825.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	23927.2	0.0	23927.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.6	0.1
10°-20°	196.8	0.8
20°-30°	706.1	3.0
30°-40°	1880.0	7.9
40°-50°	4938.7	20.6
50°-60°	7651.0	32.0
60°-70°	6415.2	26.8
70°-80°	1887.9	7.9
80°-90°	232.9	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°	23927.2	100.0
0°-180°	23927.2	100.0



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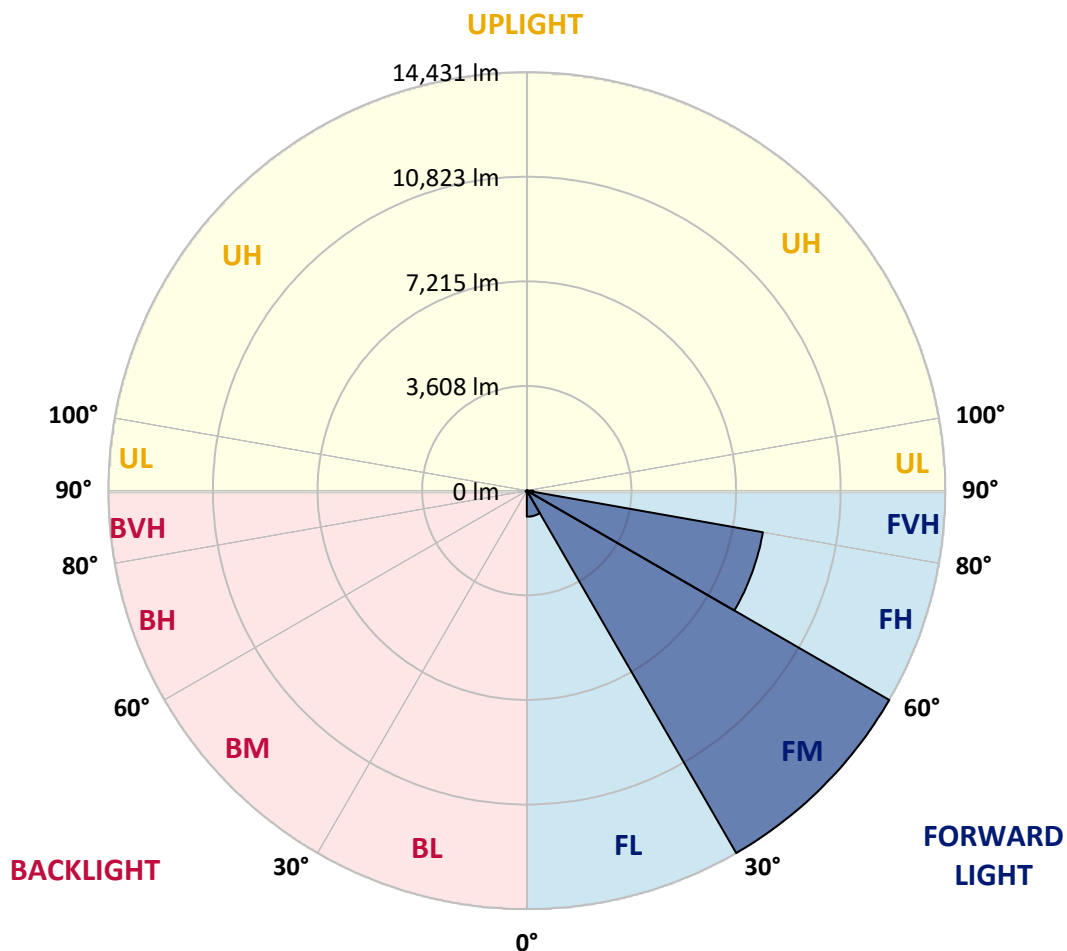
CATALOG NUMBER: GALN-SA6B-835-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	898.6	3.8			
FM	(30°-60°)	14430.8	60.3			
FH	(60°-80°)	8267.1	34.6			G4/12000
FVH	(80°-90°)	228.6	1.0			G3/500
BL	(0°-30°)	22.9	0.1	B0/110		
BM	(30°-60°)	38.9	0.2	B0/220		
BH	(60°-80°)	36.0	0.2	B0/110		G0/110
BVH	(80°-90°)	4.3	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	146.5	146.5	146.5	146.5	146.5	146.5	146.5	146.5	146.5	146.5	146.5
2.5°	177.8	179.4	176.1	169.5	164.6	164.6	162.9	158.0	158.0	153.1	149.8
5°	248.5	245.2	238.7	225.5	214.0	202.5	190.9	179.4	177.8	162.9	153.1
7.5°	406.5	409.8	388.4	347.3	312.7	268.3	227.1	202.5	199.2	174.5	154.7
10°	892.1	867.4	818.0	658.4	541.5	408.2	302.9	235.4	232.1	187.6	158.0
12.5°	1626.2	1606.4	1515.9	1351.3	1050.1	730.8	442.8	291.3	281.5	199.2	159.7
15°	2343.8	2312.5	2263.2	2096.9	1744.7	1310.2	724.2	398.3	372.0	215.6	158.0
17.5°	2801.4	2806.3	2761.9	2691.1	2464.0	1938.9	1250.9	594.2	543.2	245.2	154.7
20°	3201.3	3189.8	3214.5	3176.7	3017.0	2635.1	1820.4	941.5	854.2	293.0	156.4
22.5°	3662.2	3690.2	3708.3	3700.1	3523.9	3198.1	2467.3	1408.9	1298.6	380.2	161.3
25°	4279.4	4276.1	4277.8	4256.4	4085.2	3723.1	3115.8	1989.9	1878.0	521.8	172.8
27.5°	4926.3	4946.0	4954.3	4876.9	4653.1	4297.5	3716.5	2625.3	2493.6	748.9	187.6
30°	5810.2	5793.7	5755.8	5597.8	5326.2	4885.1	4309.1	3291.9	3153.6	1066.6	210.7
32.5°	7001.8	6983.7	6792.8	6443.8	6037.3	5497.4	4904.9	3960.1	3792.2	1463.2	242.0
35°	8965.4	8993.4	8524.3	7620.7	6891.5	6233.2	5564.9	4625.1	4476.9	1952.1	284.7
37.5°	11972.5	11819.5	11182.5	9585.9	8015.7	7151.6	6195.3	5296.6	5168.2	2554.5	340.7
40°	14894.1	14742.6	14558.3	13045.7	9969.4	8163.8	7077.5	6085.0	5918.8	3234.3	423.0
42.5°	17965.4	17881.4	17873.2	16732.6	13534.5	9755.5	8139.2	7008.4	6866.8	3979.9	558.0
45°	20141.3	20057.4	20233.5	20432.6	18390.0	13165.8	9987.5	8208.3	8002.5	4885.1	773.6
47.5°	20434.3	20437.6	20908.3	21532.1	21997.9	18441.1	12449.9	9798.3	9548.1	6180.5	1135.7
50°	19459.9	19497.8	20246.7	21362.6	22616.8	22867.0	16791.8	12105.9	11735.5	7716.1	1649.2
52.5°	17604.9	17647.7	18691.2	20526.5	22047.3	23930.3	21904.1	15124.5	14698.2	9632.0	2373.4
55°	15934.3	15960.6	17157.2	19476.4	21361.0	23352.5	24939.2	19155.4	18595.8	11989.0	3087.8
57.5°	14280.1	14219.2	14997.8	17652.7	21244.1	22643.1	25386.9	23749.2	23132.0	14564.9	3644.1
60°	12068.0	11966.0	12591.4	14280.1	19706.8	23108.9	24549.1	26290.5	26150.6	18151.4	4073.7
61°	10795.7	10752.9	11381.6	12830.1	18413.1	22990.4	24348.3	26397.5	26412.3	19848.3	4266.3
62.5°	7709.6	7831.4	8792.6	10675.5	15422.4	22221.8	24374.7	26066.7	26213.2	22103.3	4765.0
65°	3426.8	3622.7	4370.0	5902.3	8968.7	18485.5	24140.9	25340.8	25268.4	22722.1	6483.3
67.5°	2032.7	2062.4	2434.3	3344.5	4750.2	9943.1	21303.3	24381.2	24284.1	19780.9	8066.7
70°	1601.5	1616.3	1734.8	2098.6	2756.9	3808.7	12158.5	21094.3	21517.3	16039.6	7897.2
72.5°	1519.2	1515.9	1532.4	1596.6	1736.5	1889.5	4707.4	14021.7	14882.5	11551.2	6621.6
75°	1499.4	1492.9	1476.4	1451.7	1257.5	1112.7	1458.3	6201.9	6700.6	7892.3	4985.5
77.5°	1455.0	1456.7	1459.9	1392.5	1078.1	786.8	706.1	1989.9	2447.5	5008.6	3543.7
80°	984.3	999.1	1023.8	997.4	969.5	569.5	498.7	707.8	717.6	2811.3	2340.5
82.5°	498.7	498.7	487.2	434.5	375.3	370.3	396.7	513.5	520.1	1422.1	1101.1
85°	301.2	317.7	324.2	294.6	269.9	248.5	302.9	408.2	423.0	551.4	256.8
87.5°	67.5	69.1	75.7	100.4	146.5	199.2	281.5	373.6	380.2	353.9	31.3
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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CATALOG NUMBER: GALN-SA6B-835-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	146.5	146.5	146.5	146.5	146.5	146.5	146.5	146.5	146.5	146.5	146.5
2.5°	148.1	144.8	143.2	138.3	133.3	128.4	125.1	123.4	125.1	126.7	126.7
5°	146.5	141.6	133.3	125.1	118.5	111.9	105.3	103.7	103.7	105.3	105.3
7.5°	146.5	138.3	126.7	116.9	107.0	97.1	92.2	88.9	90.5	90.5	90.5
10°	146.5	136.6	121.8	107.0	95.5	83.9	75.7	72.4	72.4	72.4	72.4
12.5°	144.8	135.0	116.9	98.8	82.3	69.1	59.3	54.3	56.0	56.0	56.0
15°	141.6	130.0	110.3	83.9	65.8	52.7	42.8	37.9	39.5	42.8	44.4
17.5°	136.6	125.1	98.8	70.8	52.7	39.5	29.6	26.3	28.0	32.9	32.9
20°	135.0	120.2	87.2	57.6	39.5	28.0	19.8	16.5	18.1	24.7	26.3
22.5°	135.0	116.9	79.0	47.7	29.6	18.1	11.5	6.6	6.6	11.5	11.5
25°	136.6	115.2	72.4	39.5	21.4	13.2	6.6	3.3	6.6	18.1	21.4
27.5°	139.9	113.6	69.1	32.9	16.5	11.5	4.9	11.5	19.8	19.8	19.8
30°	143.2	110.3	64.2	28.0	14.8	8.2	8.2	16.5	16.5	19.8	21.4
32.5°	148.1	108.6	60.9	24.7	11.5	6.6	11.5	9.9	9.9	11.5	13.2
35°	158.0	110.3	57.6	24.7	11.5	8.2	9.9	4.9	3.3	3.3	3.3
37.5°	171.2	111.9	52.7	21.4	9.9	9.9	4.9	0.0	0.0	0.0	0.0
40°	192.6	116.9	49.4	19.8	8.2	8.2	1.6	0.0	0.0	0.0	0.0
42.5°	228.8	126.7	47.7	18.1	8.2	6.6	0.0	0.0	0.0	0.0	0.0
45°	301.2	149.8	44.4	16.5	8.2	3.3	0.0	0.0	0.0	0.0	0.0
47.5°	432.9	204.1	42.8	13.2	4.9	0.0	0.0	0.0	0.0	0.0	0.0
50°	632.0	276.5	41.1	11.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	806.5	291.3	28.0	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	826.3	200.8	21.4	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	658.4	130.0	18.1	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	498.7	98.8	16.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	479.0	88.9	16.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	528.3	77.4	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	859.2	64.2	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1492.9	56.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1886.2	52.7	9.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1644.3	47.7	9.9	3.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0
75°	989.2	41.1	9.9	6.6	3.3	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	518.5	31.3	9.9	8.2	4.9	1.6	0.0	0.0	0.0	0.0	0.0
80°	251.8	28.0	11.5	8.2	6.6	3.3	0.0	0.0	0.0	0.0	0.0
82.5°	98.8	23.0	13.2	11.5	8.2	4.9	1.6	0.0	0.0	0.0	0.0
85°	44.4	19.8	14.8	13.2	11.5	6.6	1.6	0.0	0.0	0.0	0.0
87.5°	23.0	18.1	16.5	14.8	11.5	8.2	3.3	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

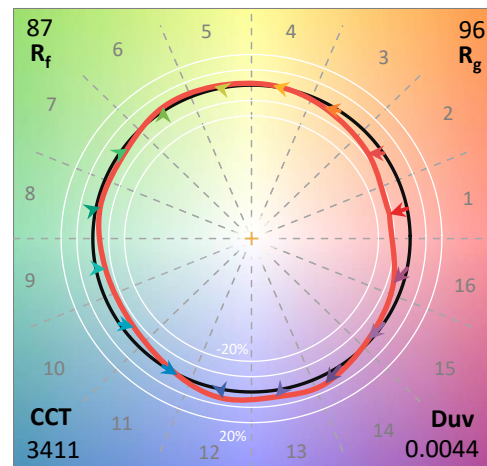
Test Information

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

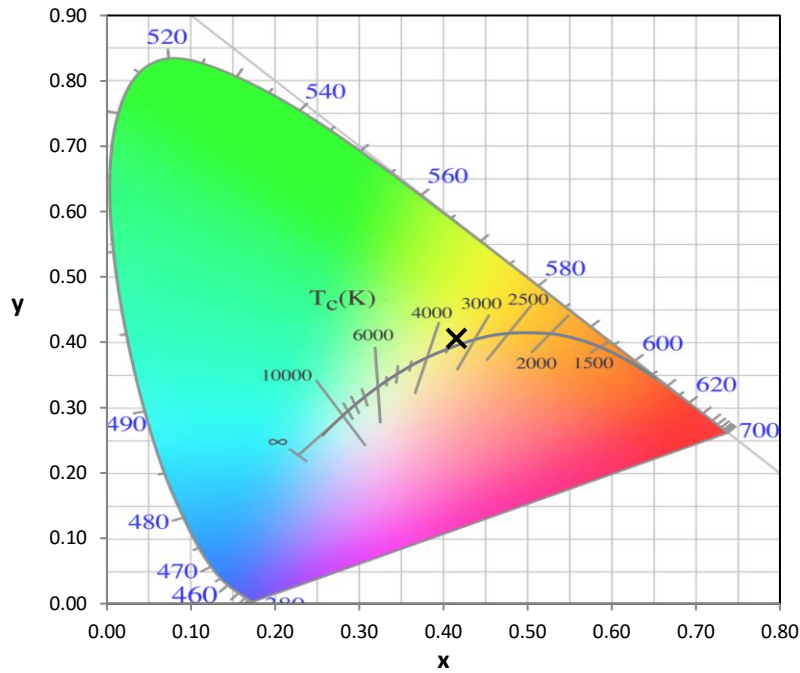
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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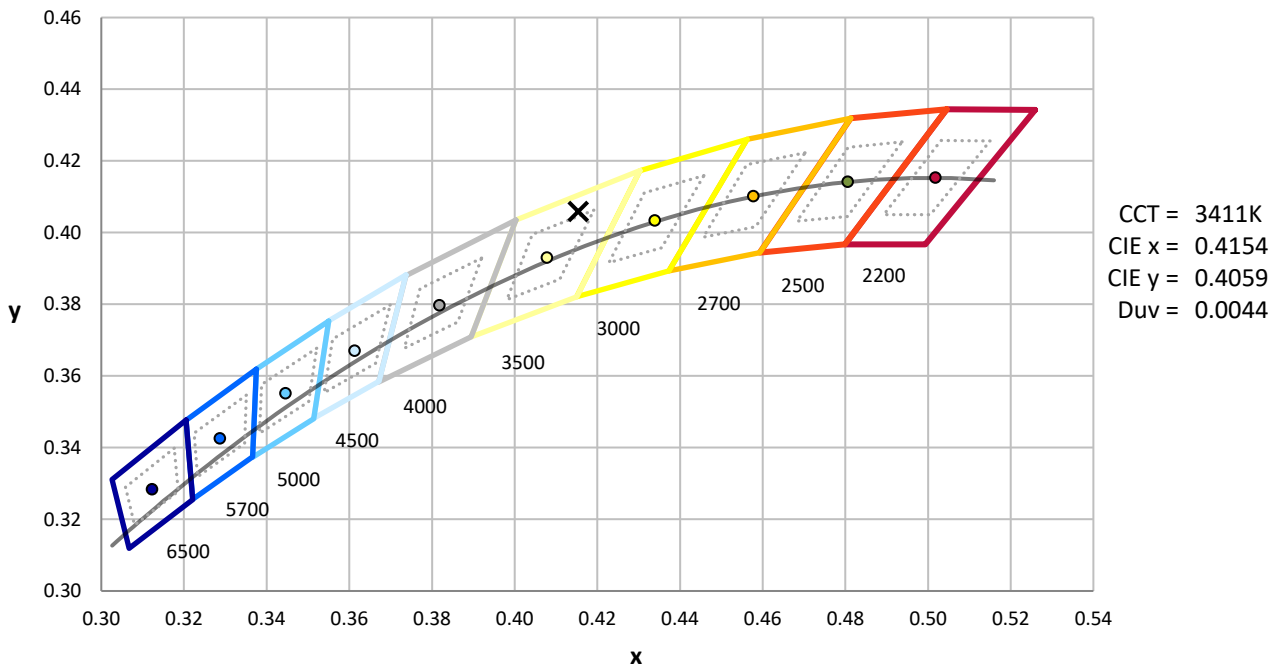
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



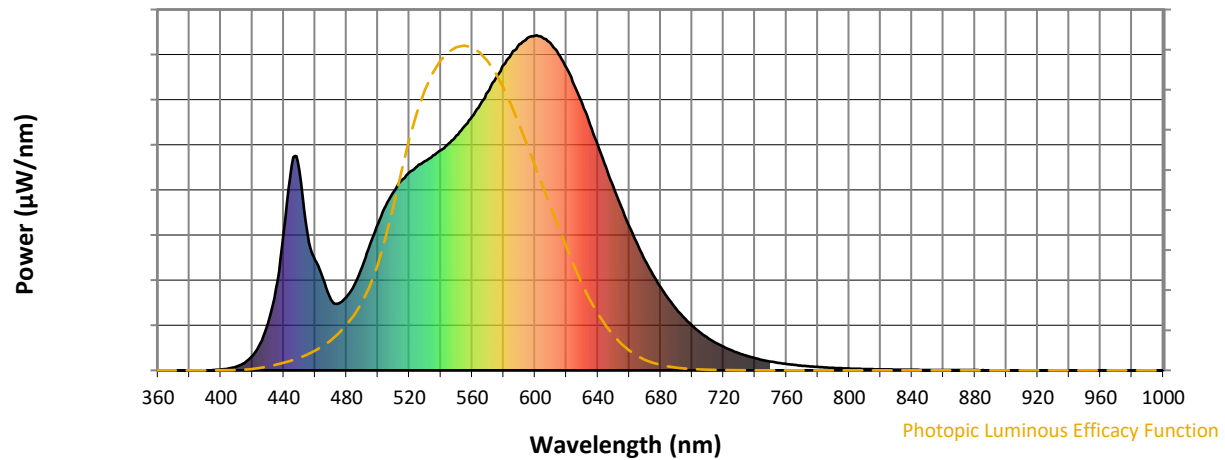
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

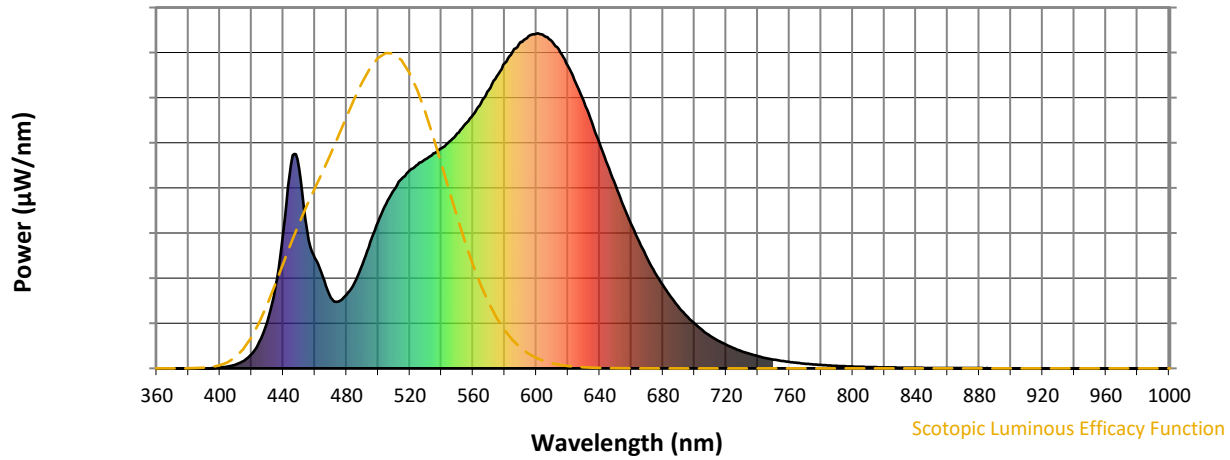


Photopic Lumens: NR

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



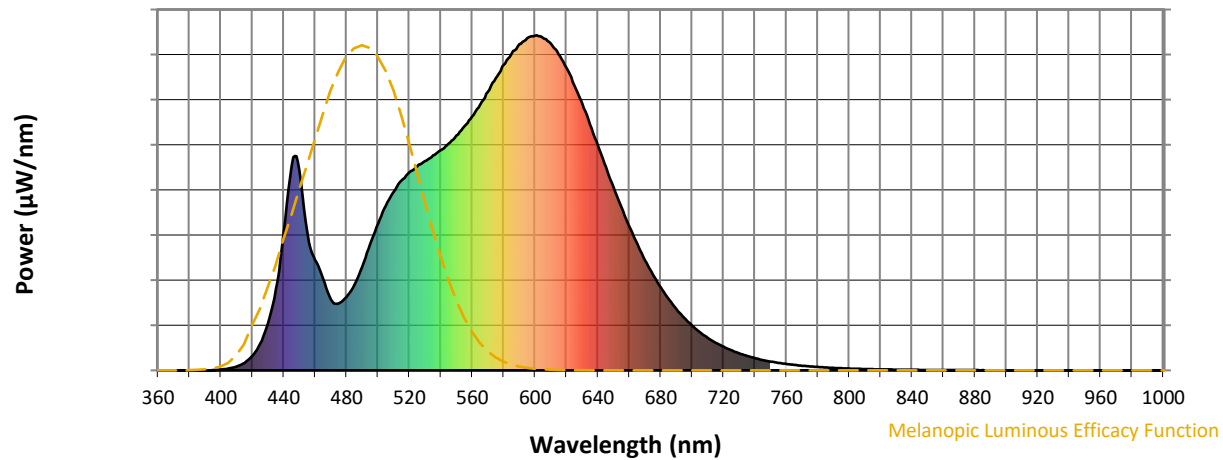
Scotopic Lumens: NR

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

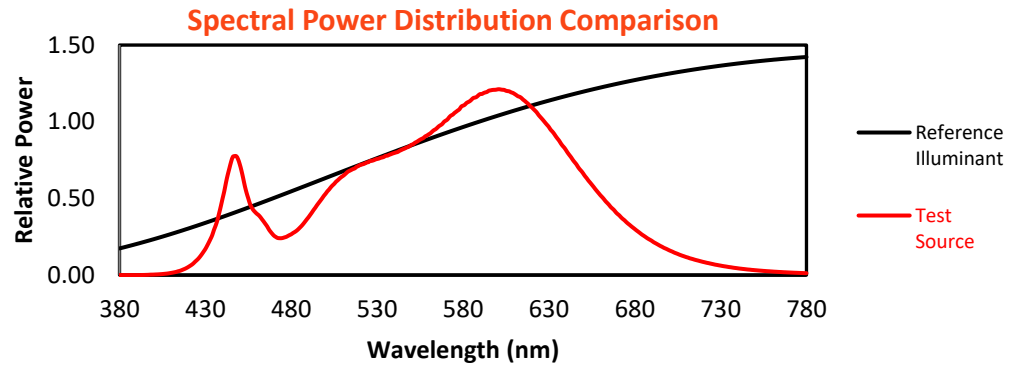
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311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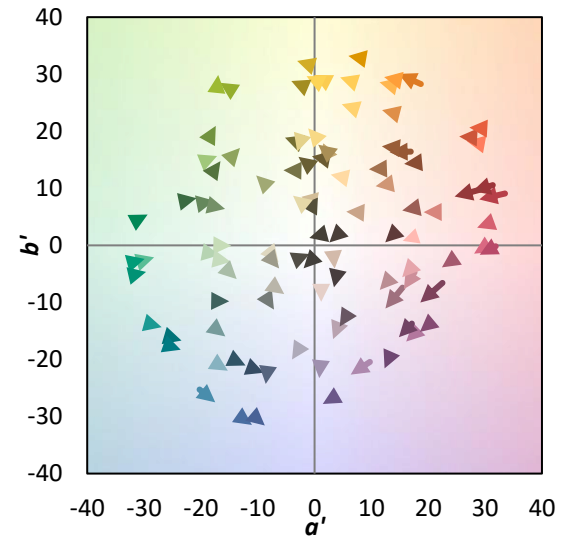
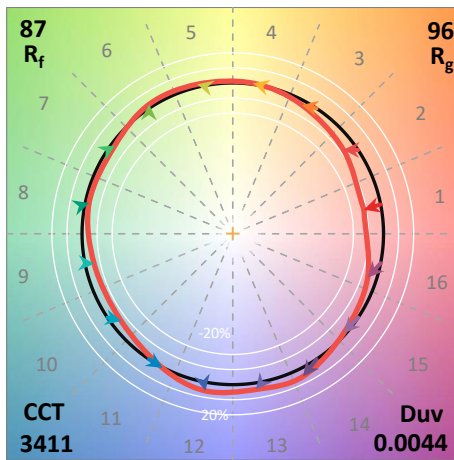
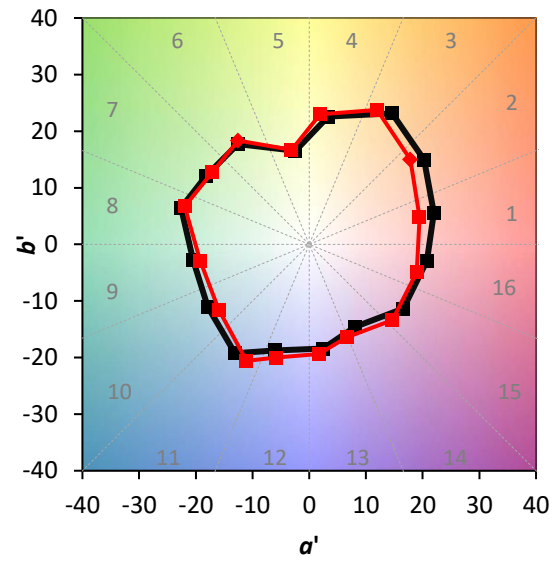
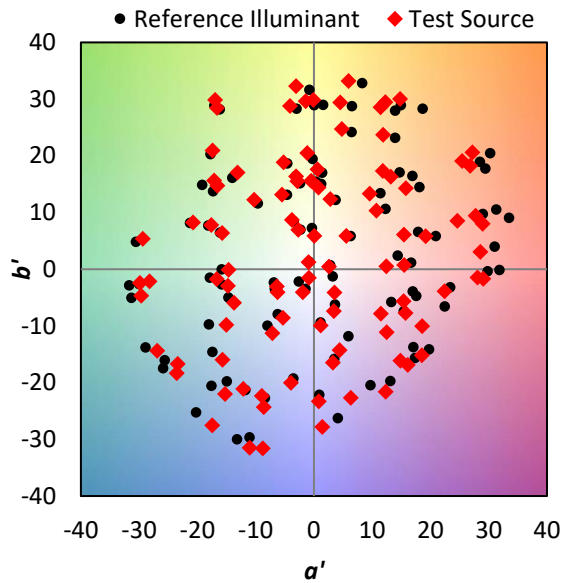
TM-30-18

Summary

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

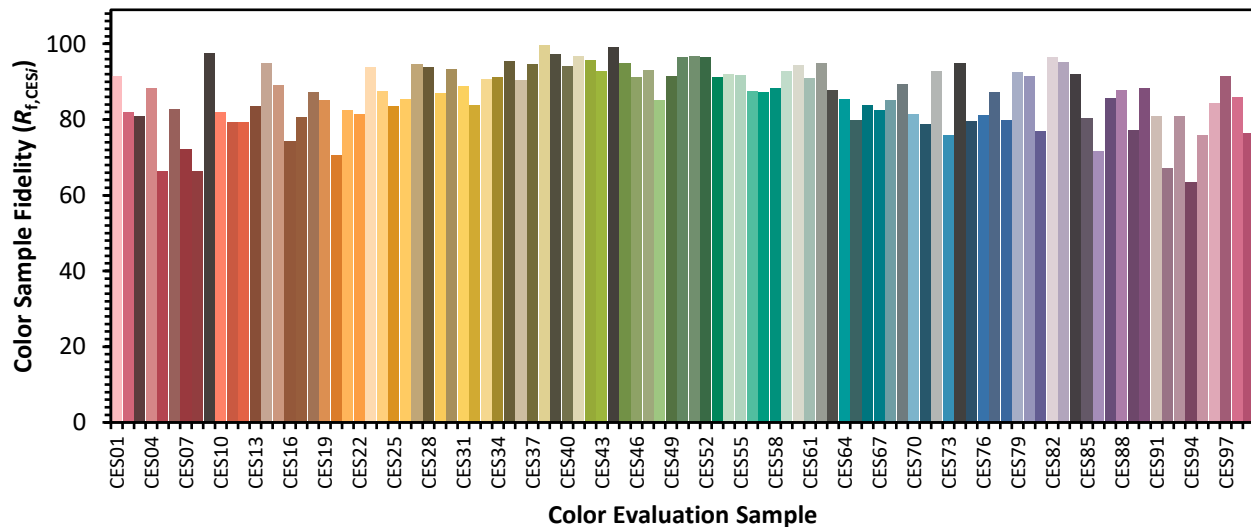


Color Vector Graphics

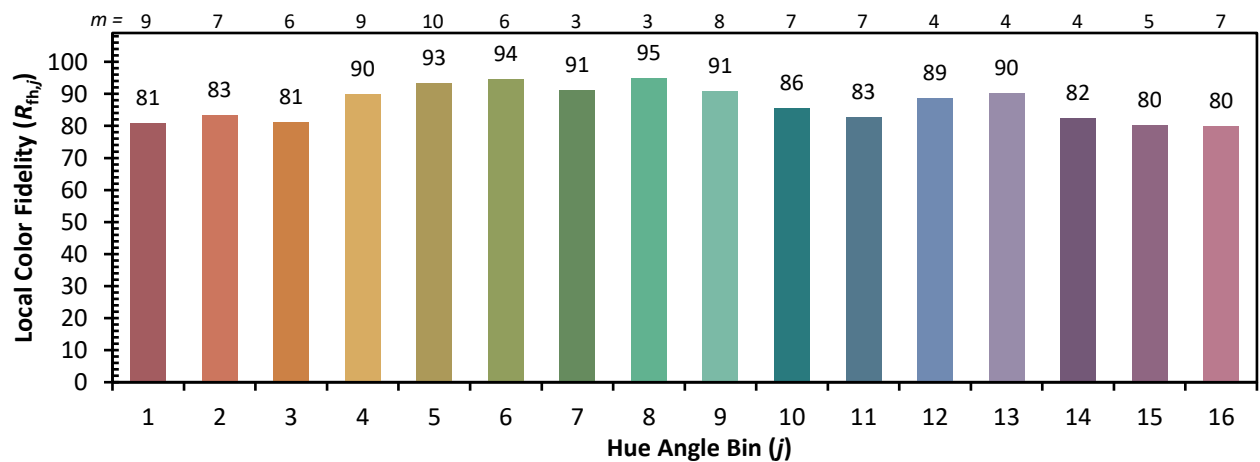
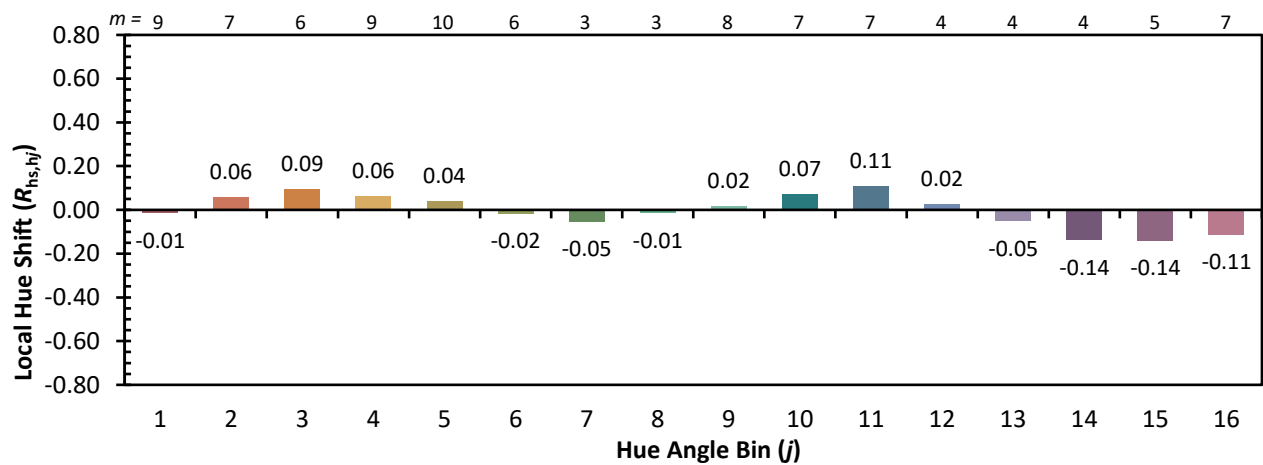
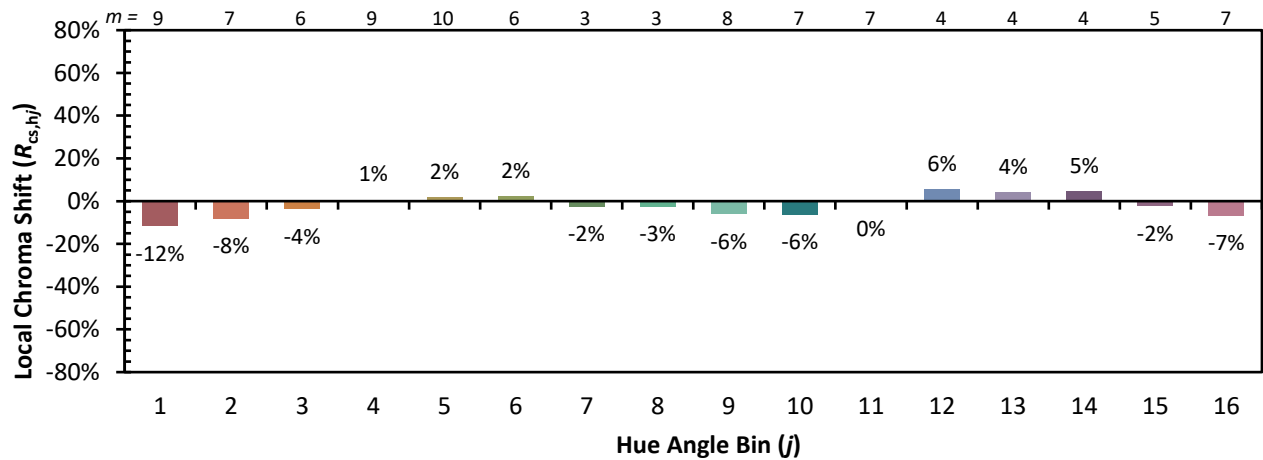


Individual Sample Fidelity Index ($R_{f,i}$)

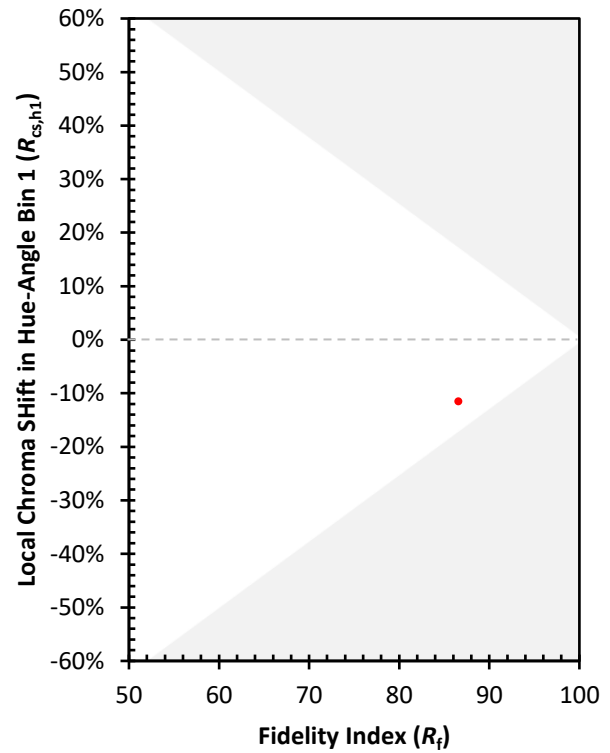
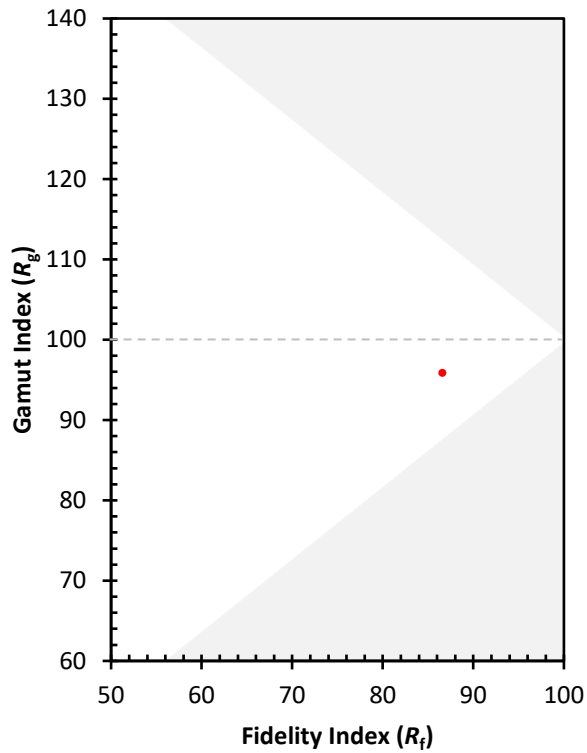
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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