

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: P1047359

Luminaire Tested: **GALN-SA6C-835-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047359
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6C-835-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 6xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (84) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 31257.5 lumens
Efficiency: N/A
Efficacy: 110.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 282.5
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

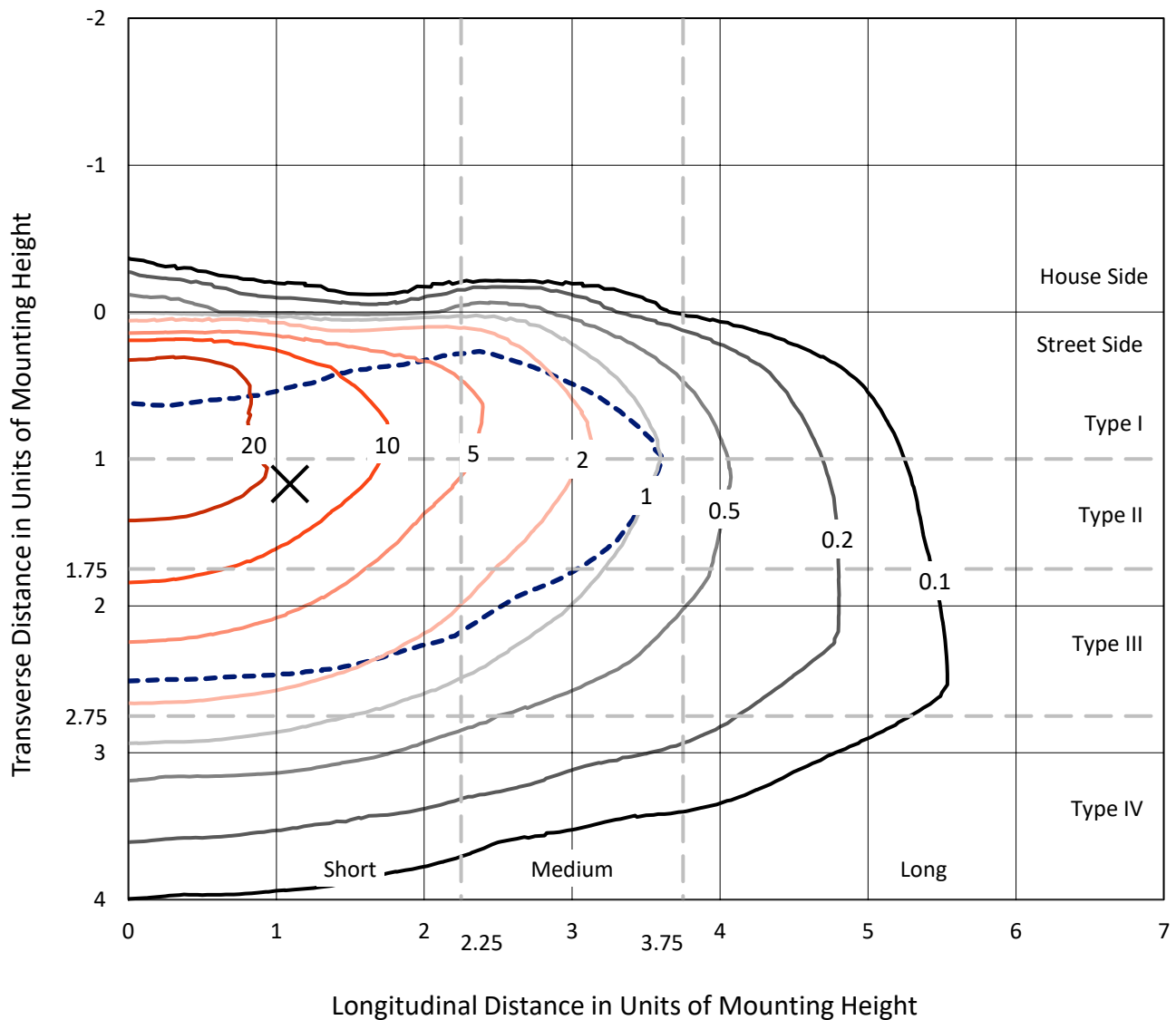


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

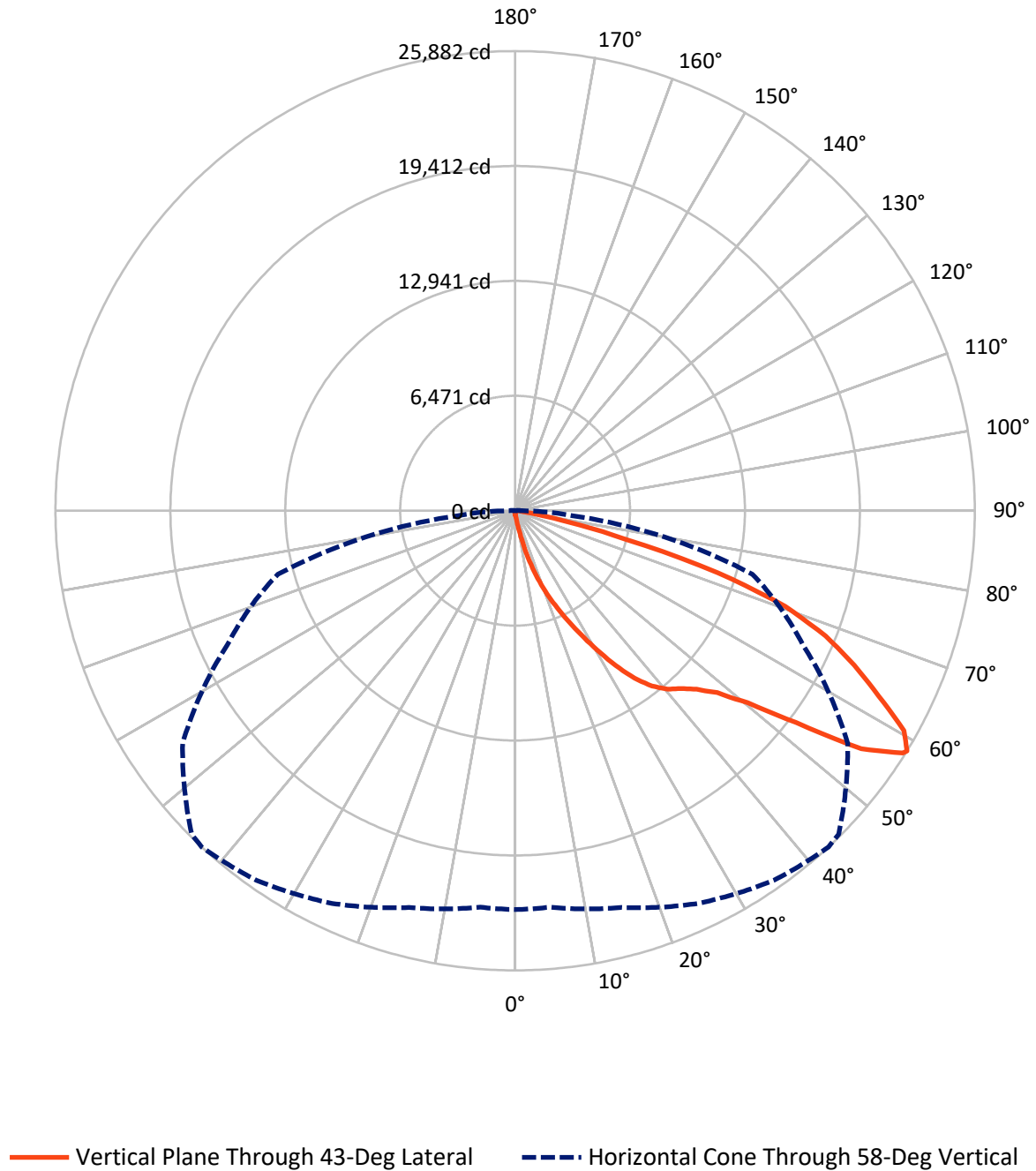


Based on 15 foot mounting height. Maximum calculated value = 35.1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	114.1	0.0	114.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	31143.4	0.0	31143.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	31257.5	0.0	31257.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.9	0.1
10°-20°	359.3	1.1
20°-30°	1295.0	4.1
30°-40°	2963.0	9.5
40°-50°	4997.5	16.0
50°-60°	8247.0	26.4
60°-70°	9217.1	29.5
70°-80°	3805.6	12.2
80°-90°	343.1	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°	31257.5	100.0
0°-180°	31257.5	100.0



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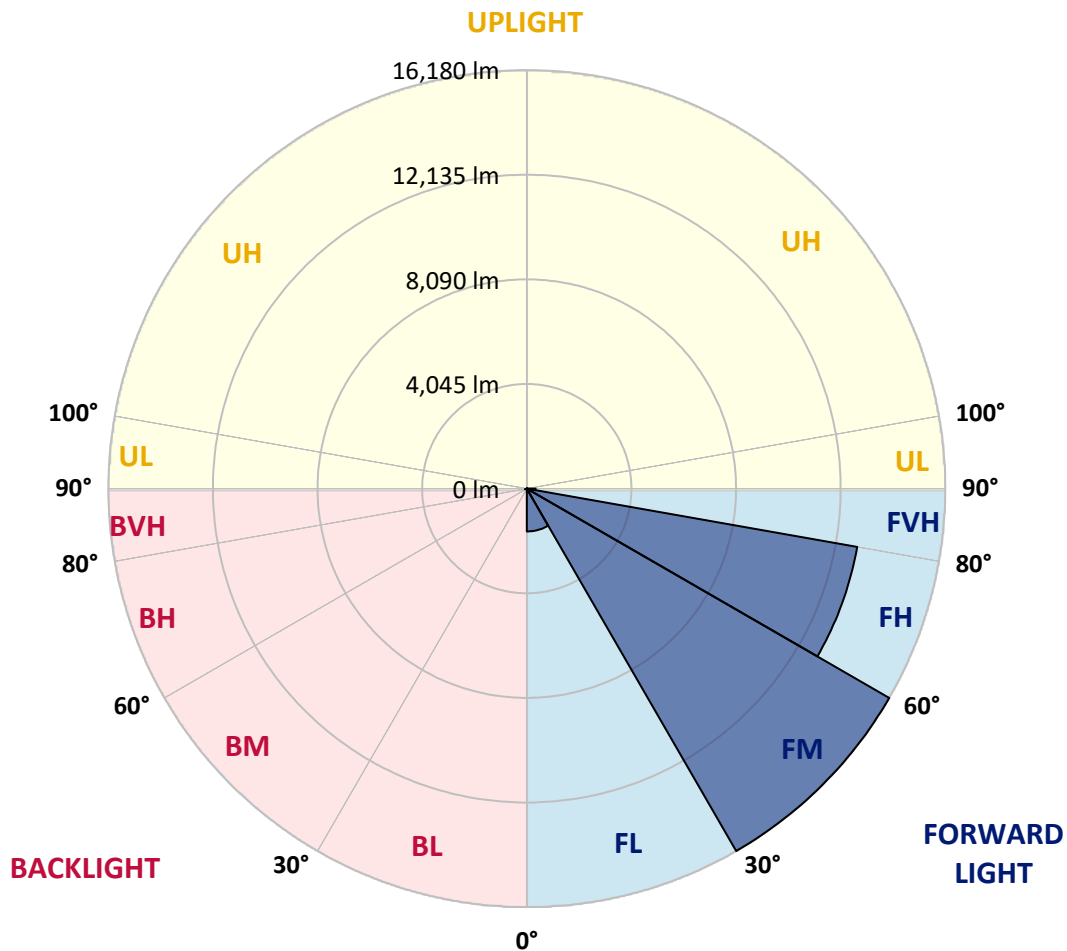
CATALOG NUMBER: GALN-SA6C-835-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1654.5	5.3			
FM	(30°-60°)	16180.1	51.8			
FH	(60°-80°)	12970.4	41.5			G5
FVH	(80°-90°)	338.4	1.1			G3/500
BL	(0°-30°)	29.8	0.1	B0/110		
BM	(30°-60°)	27.4	0.1	B0/220		
BH	(60°-80°)	52.3	0.2	B0/110		G0/110
BVH	(80°-90°)	4.7	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-G5

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4
2.5°	245.3	253.4	245.3	245.3	245.3	237.1	237.1	228.9	228.9	220.7	212.6
5°	359.7	359.7	335.2	318.8	302.5	294.3	286.1	269.8	253.4	237.1	220.7
7.5°	801.2	801.2	727.6	629.5	498.7	425.1	408.8	335.2	286.1	253.4	220.7
10°	1913.0	1913.0	1749.5	1479.7	1144.5	850.2	760.3	482.3	343.4	269.8	228.9
12.5°	3180.1	3221.0	3016.6	2673.3	2174.6	1659.5	1479.7	882.9	457.8	294.3	228.9
15°	4316.5	4218.4	4161.1	3834.1	3360.0	2746.8	2517.9	1487.9	662.2	335.2	228.9
17.5°	5084.9	5084.9	5003.2	4782.4	4349.2	3809.6	3621.6	2403.5	1070.9	384.2	237.1
20°	5984.2	5984.2	5837.0	5681.7	5297.5	4839.7	4659.8	3417.2	1659.5	490.5	237.1
22.5°	7071.5	7087.8	6924.3	6646.4	6278.5	5771.6	5616.3	4357.3	2403.5	654.0	245.3
25°	8395.8	8412.2	8175.1	7913.5	7349.4	6801.7	6564.6	5436.5	3310.9	915.6	245.3
27.5°	9859.2	9973.6	9622.1	9172.5	8575.7	7889.0	7709.1	6409.3	4210.2	1291.7	261.6
30°	11682.2	11682.2	11216.3	10586.8	9940.9	9090.7	8861.8	7431.2	5166.7	1790.4	278.0
32.5°	13251.9	13129.2	12532.5	11870.3	11183.6	10390.6	10145.3	8502.1	6147.7	2411.7	310.7
35°	14453.6	14347.3	13611.6	12900.3	12303.6	11576.0	11281.7	9663.0	7185.9	3114.7	359.7
37.5°	15483.7	15442.8	14445.4	13554.3	13161.9	12524.3	12262.7	10758.5	8207.8	3875.0	416.9
40°	16611.8	16481.0	15418.3	14314.6	13726.0	13211.0	12973.9	11641.4	9188.8	4766.1	498.7
42.5°	17576.5	17421.2	16464.7	15385.6	14380.0	13685.1	13456.2	12385.3	10145.3	5657.2	605.0
45°	18647.4	18565.7	17601.0	16783.5	15442.8	14331.0	14028.5	12982.1	11020.1	6719.9	743.9
47.5°	20257.9	20110.8	19211.5	18541.2	16987.9	15312.0	14878.7	13595.2	11862.1	7766.4	956.5
50°	22130.0	22031.9	21500.6	20969.2	19424.1	16987.9	16472.9	14478.1	12802.2	9009.0	1234.4
52.5°	23658.8	23642.4	23707.8	23716.0	22547.0	19808.3	19039.9	15900.6	13881.4	10235.2	1626.8
55°	23626.1	23699.7	24419.1	25244.8	25334.7	23658.8	22914.9	18295.9	15287.5	11747.6	2174.6
57.5°	22743.2	22686.0	23446.2	24688.9	25563.6	25743.4	25620.8	22015.6	17404.8	13570.7	3016.6
58°	22457.1	22408.0	23127.4	24394.6	25400.1	25882.4	25759.8	22857.6	17879.0	13832.3	3245.5
60°	21418.8	21427.0	21852.1	23004.8	24010.3	25154.8	25269.3	25261.1	20241.6	15581.8	4398.2
62.5°	20045.4	19980.0	20372.4	21312.5	22195.4	22963.9	23160.1	25424.6	23699.7	17805.4	6597.3
65°	18148.8	18050.7	18467.6	19530.4	20478.7	20977.4	20985.5	23233.7	25326.5	20192.5	9736.6
67.5°	14625.3	14543.5	15377.4	16742.6	18206.0	18860.0	19154.3	20159.8	23953.1	21811.2	11535.1
70°	8959.9	9131.6	10292.5	12434.4	14935.9	16137.7	16579.1	16889.8	20396.9	21566.0	9646.6
72.5°	4136.6	3932.2	4921.4	6417.5	9270.6	11943.8	12401.7	13619.7	16170.4	18721.0	7194.1
75°	1929.3	1855.8	2084.7	2804.1	4202.0	6450.2	7284.0	10872.9	12401.7	13023.0	5191.2
77.5°	989.2	997.4	1185.4	1275.3	1733.1	2983.9	3425.4	7153.2	9090.7	7267.7	3482.6
80°	433.3	449.6	457.8	498.7	703.1	1152.7	1299.8	3319.1	6213.1	3703.3	1904.8
82.5°	278.0	286.1	286.1	286.1	335.2	457.8	523.2	1332.5	3098.4	1839.4	588.6
85°	147.2	147.2	163.5	204.4	237.1	278.0	294.3	425.1	1021.9	547.7	139.0
87.5°	81.8	89.9	98.1	122.6	155.3	188.0	204.4	294.3	392.4	376.1	32.7
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-SA6C-835-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4	204.4
2.5°	212.6	204.4	196.2	188.0	179.9	171.7	171.7	171.7	171.7	171.7	171.7
5°	204.4	196.2	188.0	171.7	155.3	147.2	139.0	130.8	130.8	130.8	130.8
7.5°	204.4	196.2	171.7	155.3	139.0	122.6	106.3	106.3	106.3	106.3	106.3
10°	204.4	188.0	163.5	139.0	114.5	98.1	89.9	81.8	81.8	81.8	81.8
12.5°	204.4	179.9	155.3	122.6	98.1	81.8	73.6	65.4	65.4	65.4	65.4
15°	204.4	179.9	147.2	114.5	89.9	65.4	57.2	49.1	49.1	49.1	49.1
17.5°	196.2	171.7	139.0	98.1	73.6	49.1	40.9	32.7	32.7	40.9	40.9
20°	188.0	163.5	122.6	81.8	57.2	40.9	24.5	24.5	24.5	24.5	24.5
22.5°	188.0	163.5	114.5	73.6	49.1	24.5	16.4	16.4	16.4	16.4	24.5
25°	188.0	155.3	98.1	57.2	32.7	16.4	8.2	8.2	8.2	8.2	8.2
27.5°	188.0	155.3	89.9	49.1	24.5	16.4	8.2	0.0	0.0	0.0	0.0
30°	179.9	147.2	81.8	40.9	16.4	8.2	0.0	0.0	0.0	0.0	0.0
32.5°	179.9	139.0	65.4	32.7	16.4	8.2	0.0	0.0	0.0	0.0	0.0
35°	188.0	130.8	57.2	24.5	8.2	0.0	0.0	0.0	0.0	0.0	8.2
37.5°	196.2	122.6	49.1	16.4	8.2	0.0	0.0	0.0	0.0	0.0	0.0
40°	204.4	114.5	49.1	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	220.7	114.5	40.9	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	237.1	114.5	32.7	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	269.8	122.6	32.7	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	294.3	130.8	24.5	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	327.0	122.6	24.5	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	367.9	122.6	24.5	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	400.6	114.5	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	416.9	106.3	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	498.7	98.1	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	776.6	81.8	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1577.8	73.6	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2943.0	65.4	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3294.6	73.6	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2076.5	57.2	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1095.5	57.2	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	547.7	57.2	8.2	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	253.4	40.9	8.2	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	106.3	24.5	16.4	8.2	8.2	0.0	0.0	0.0	0.0	0.0	0.0
85°	49.1	24.5	16.4	16.4	8.2	8.2	0.0	0.0	0.0	0.0	0.0
87.5°	24.5	24.5	24.5	16.4	16.4	8.2	8.2	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

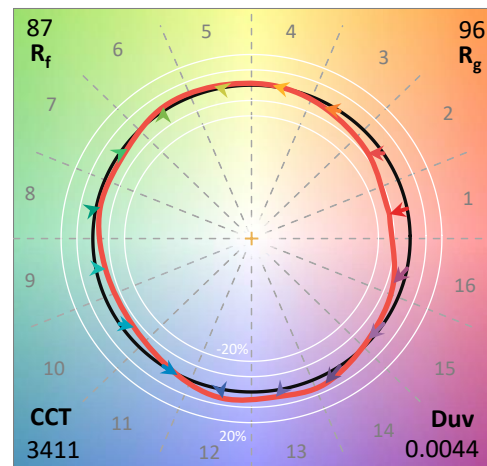
Test Information

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

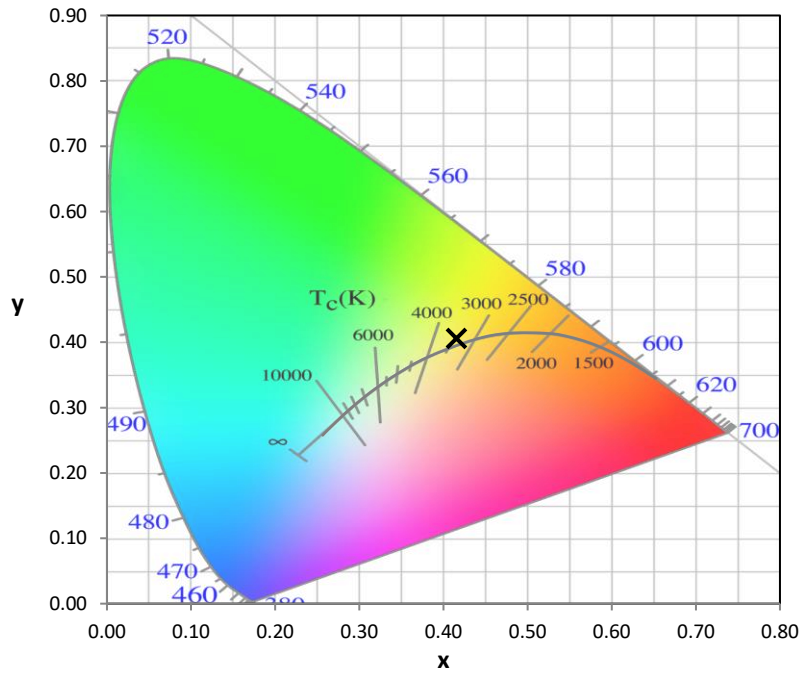
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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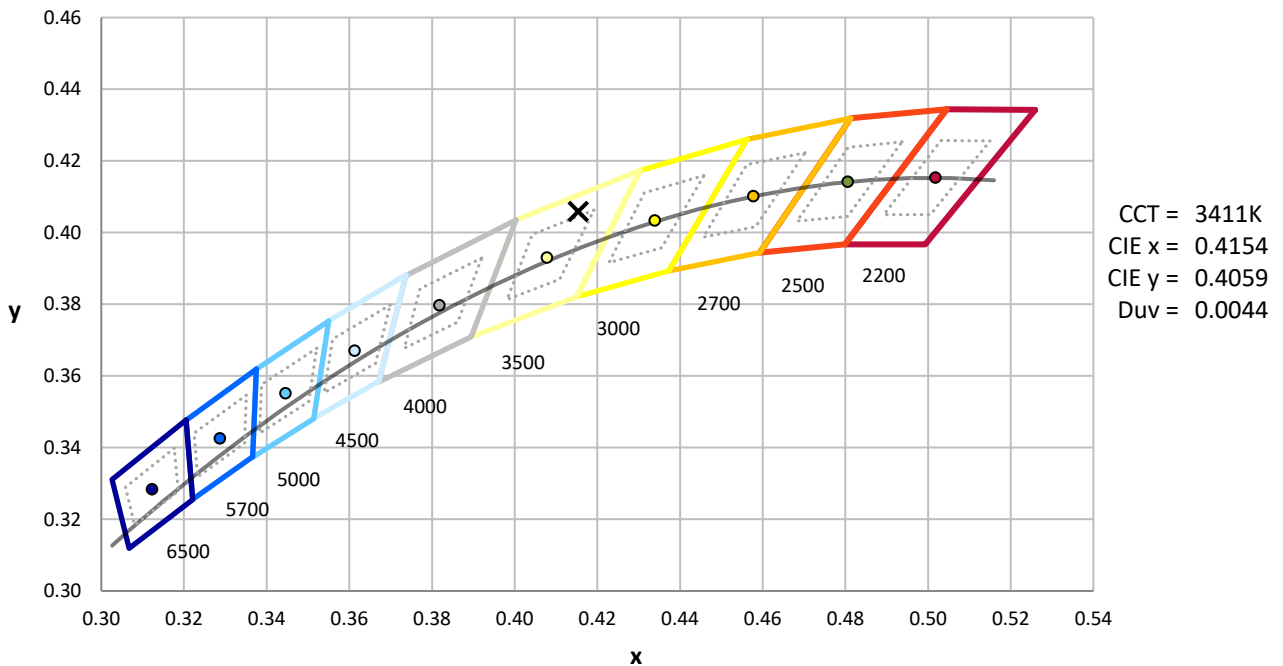
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



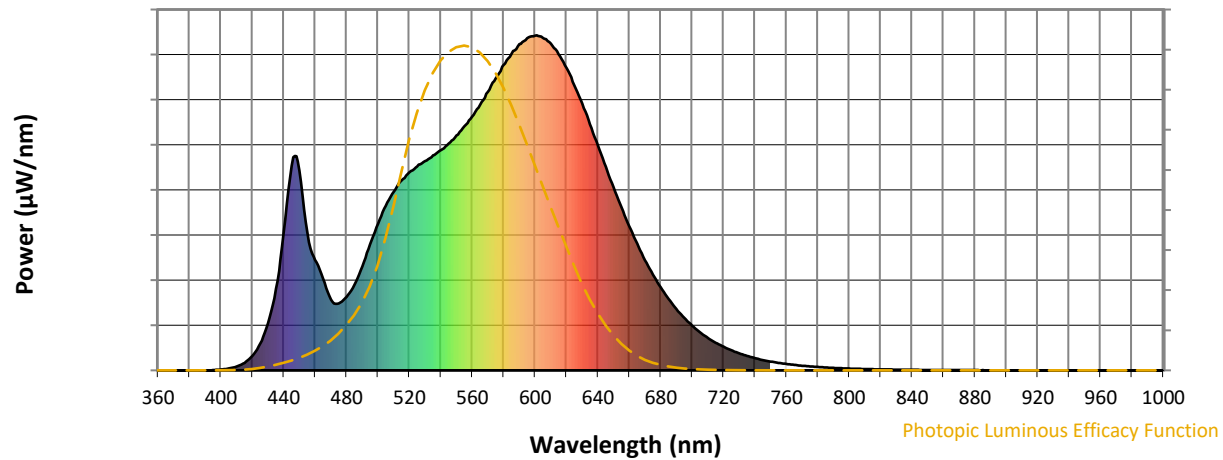
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

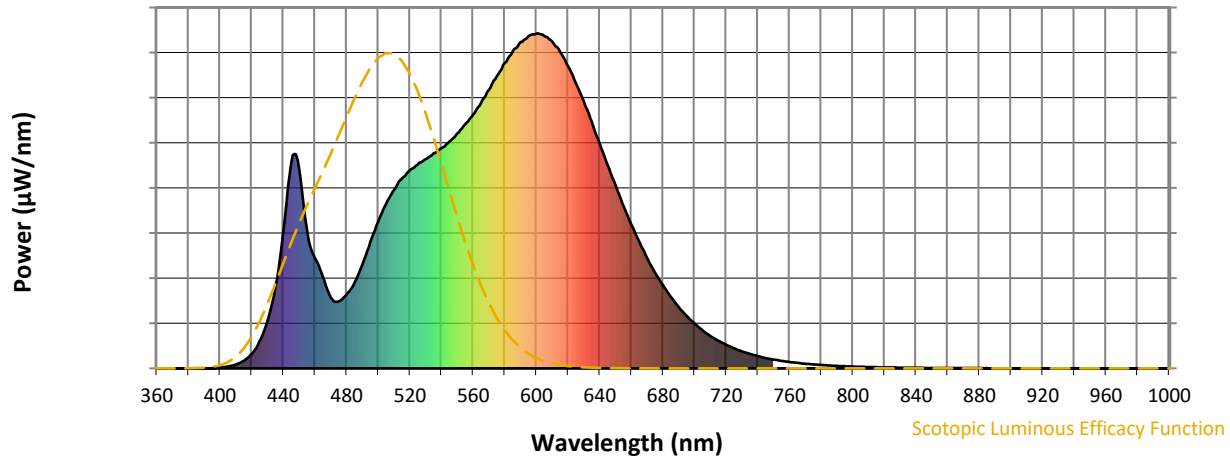


Photopic Lumens: NR

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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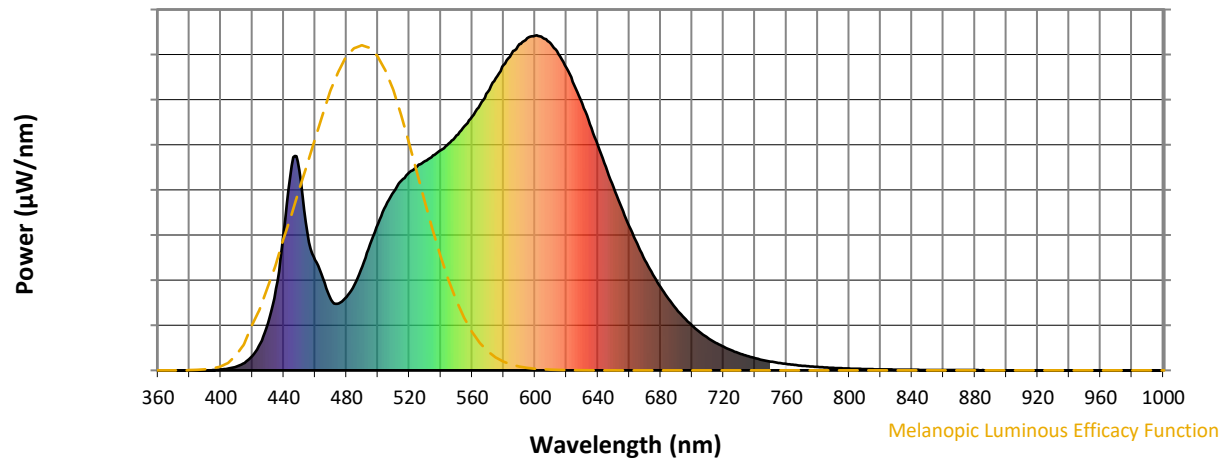
Scotopic Flux vs. Wavelength


Scotopic Lumens: NR
S/P: 1.48

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.88

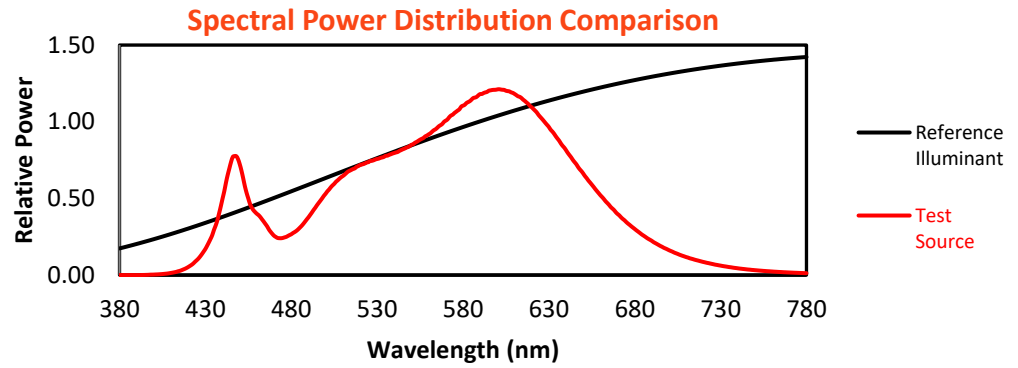
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903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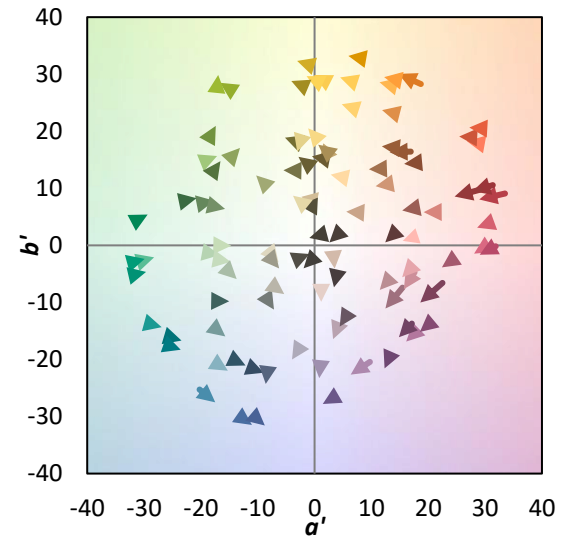
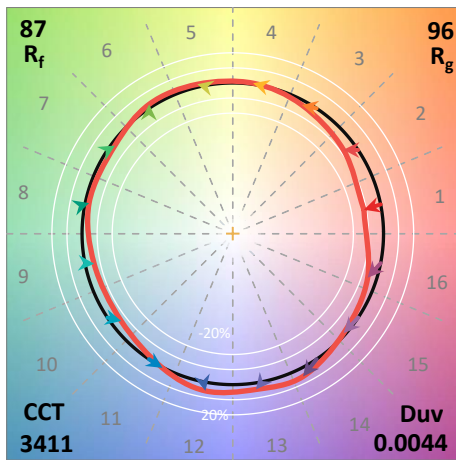
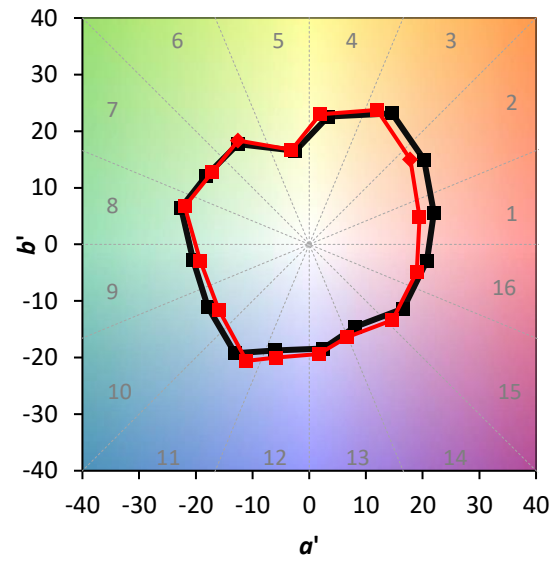
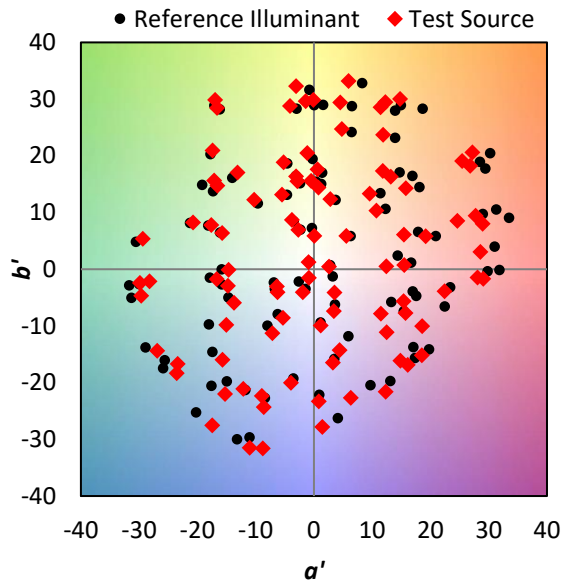
TM-30-18

Summary

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

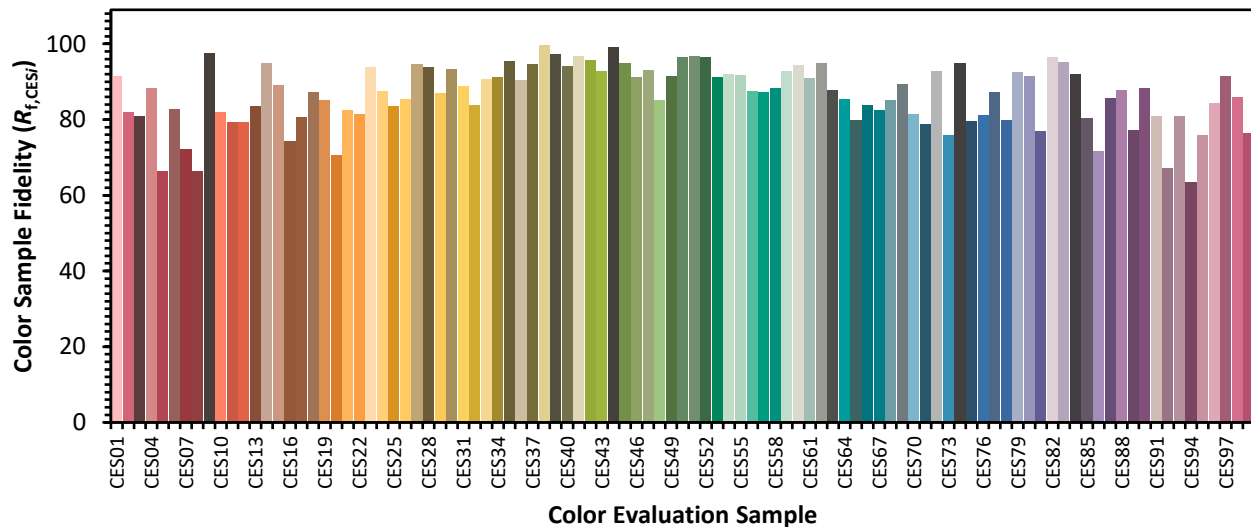


Color Vector Graphics

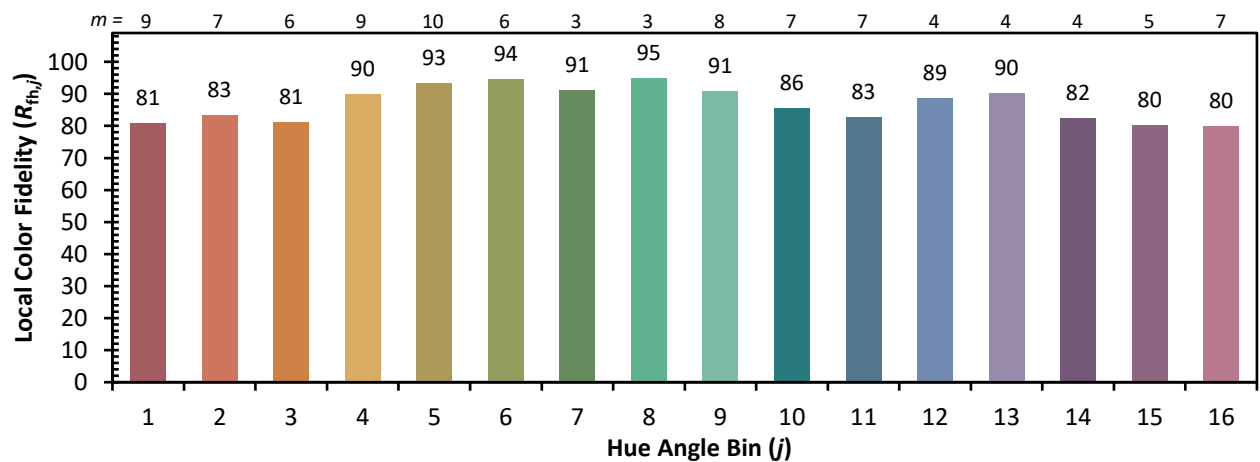
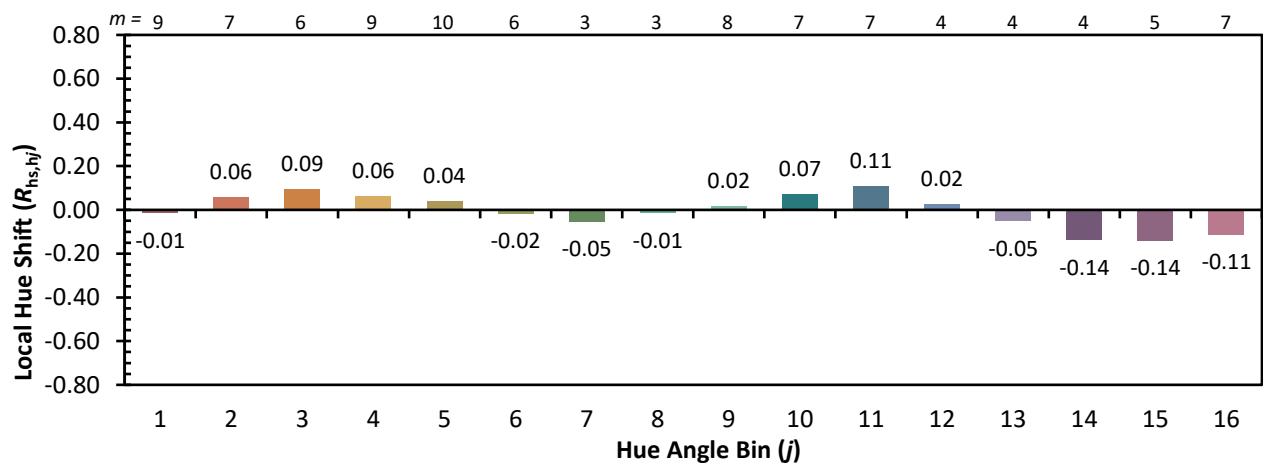
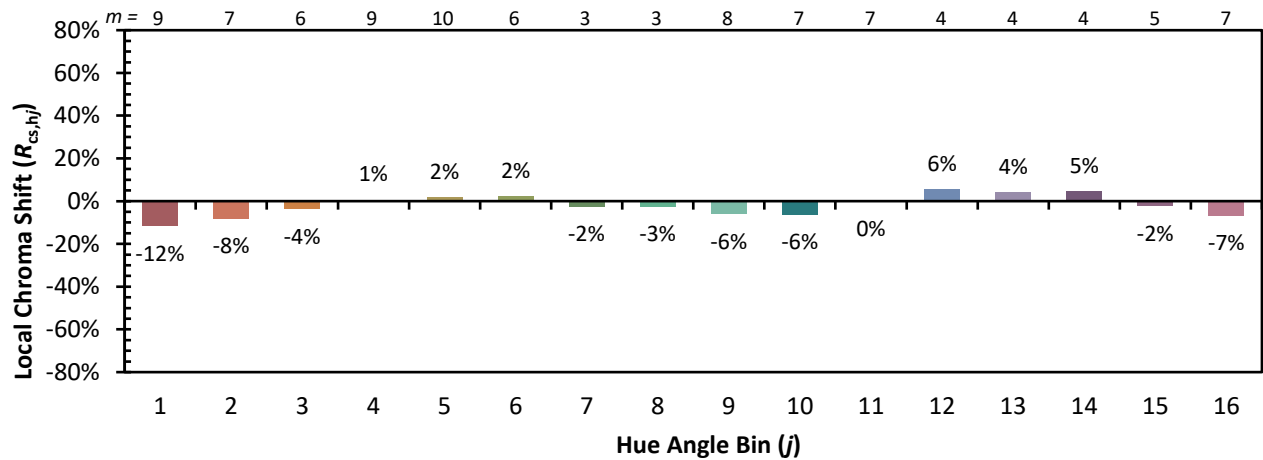


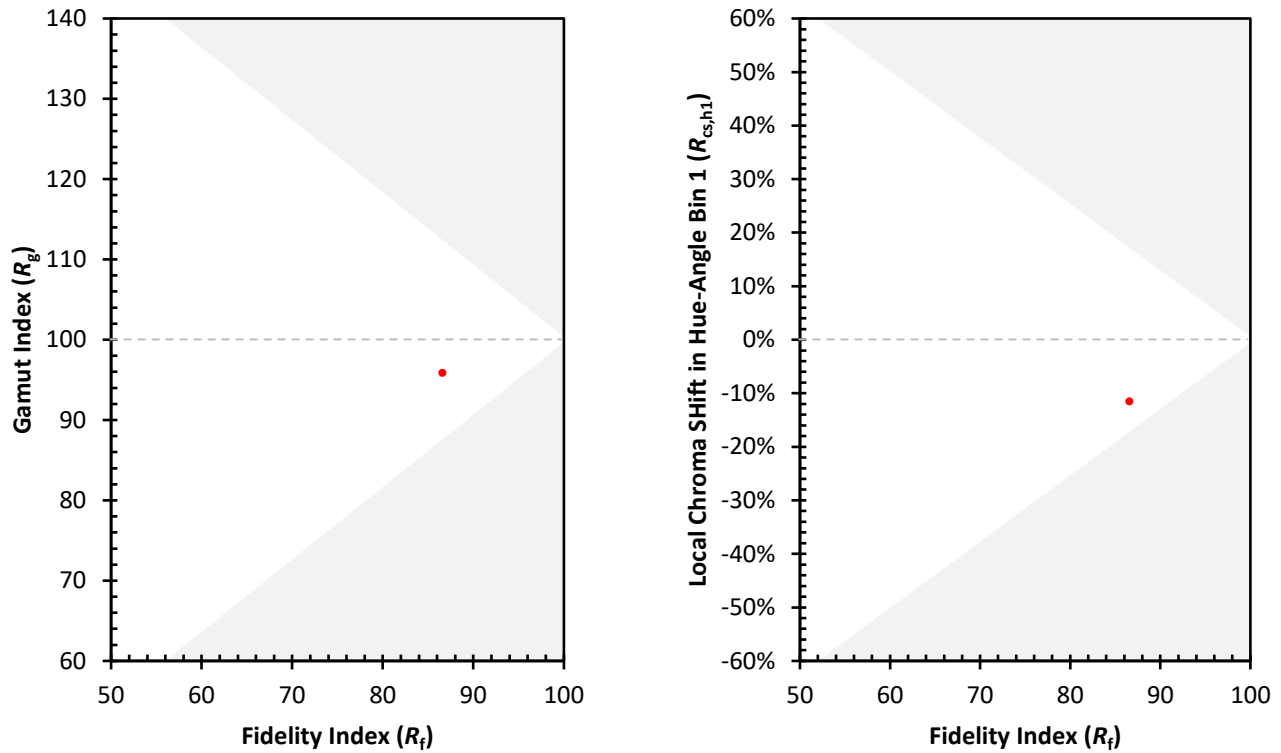
Individual Sample Fidelity Index ($R_{f,i}$)

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)