

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: P1047343

Luminaire Tested: **GALN-SA2C-835-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047343
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2C-835-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10697.5 lumens
Efficiency: N/A
Efficacy: 111.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 96.2
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

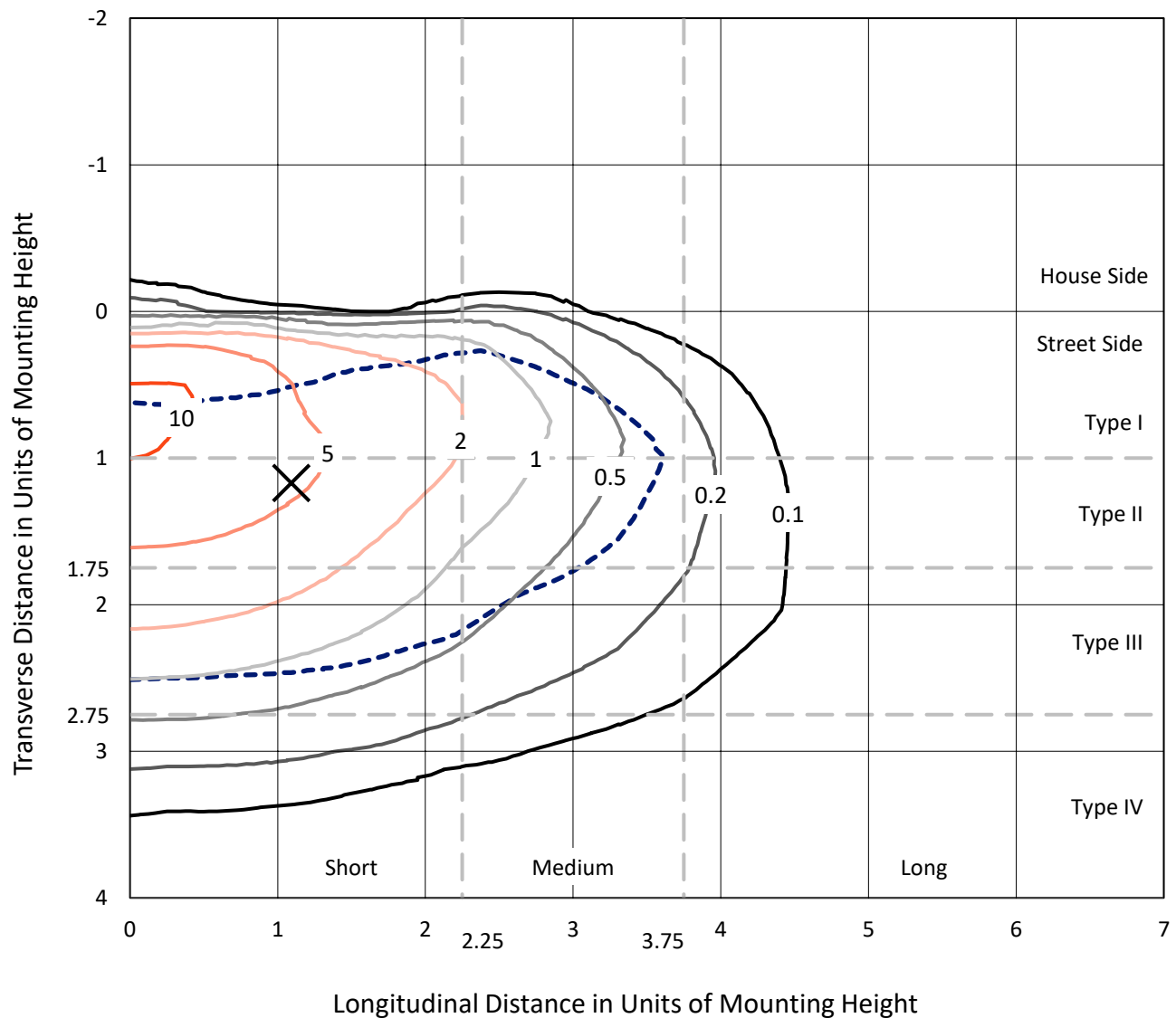


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CATALOG NUMBER: GALN-SA2C-835-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

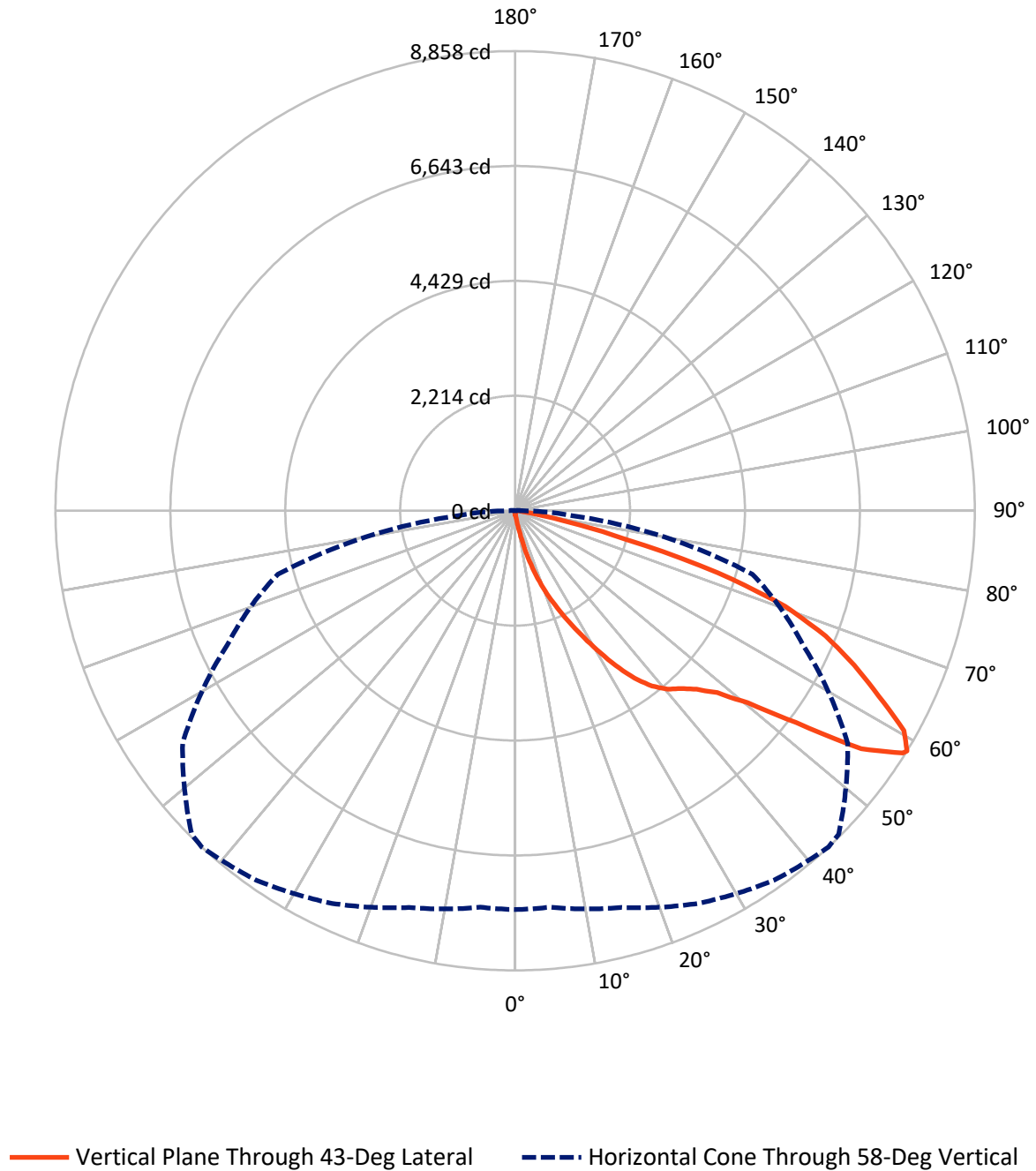


Based on 15 foot mounting height. Maximum calculated value = 12 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	39.1	0.0	39.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10658.4	0.0	10658.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	10697.5	0.0	10697.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.2	0.1
10°-20°	123.0	1.1
20°-30°	443.2	4.1
30°-40°	1014.1	9.5
40°-50°	1710.3	16.0
50°-60°	2822.4	26.4
60°-70°	3154.4	29.5
70°-80°	1302.4	12.2
80°-90°	117.4	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°	10697.5	100.0
0°-180°	10697.5	100.0



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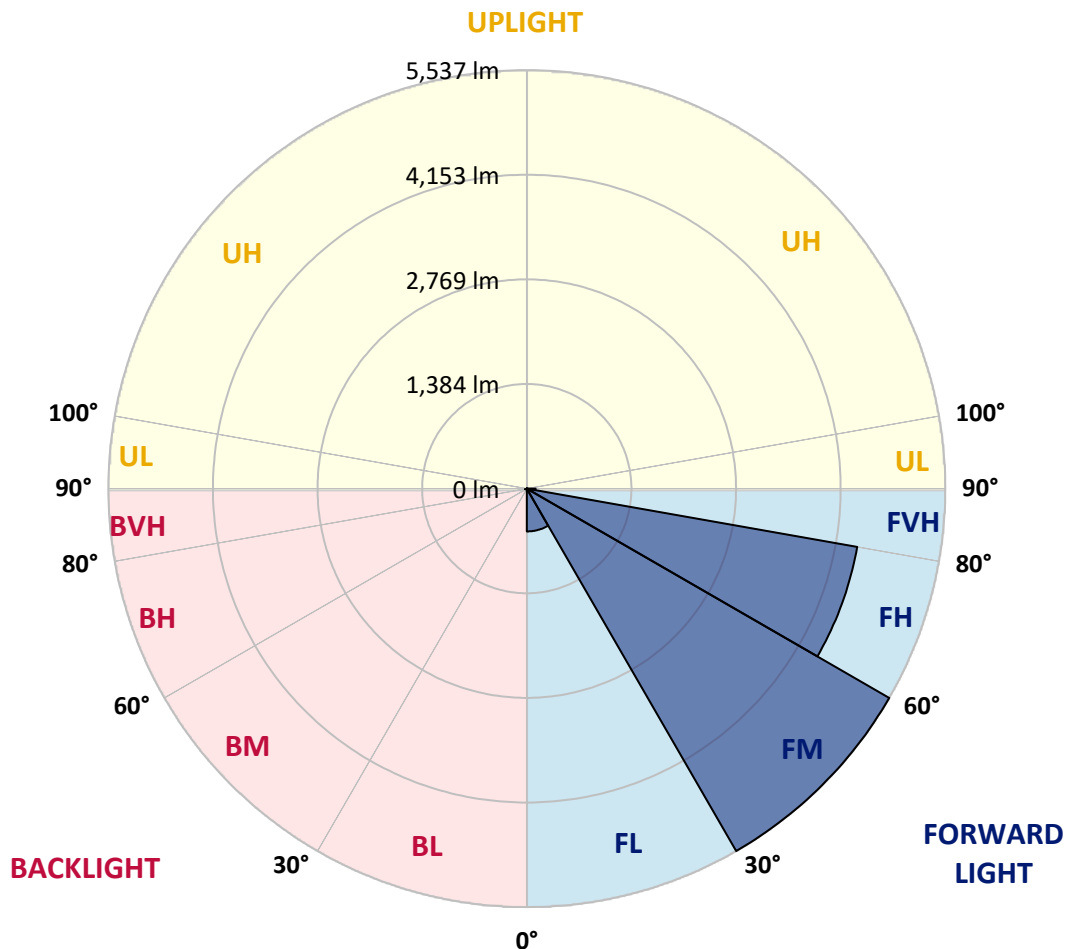
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	566.2	5.3			
FM	(30°-60°)	5537.4	51.8			
FH	(60°-80°)	4439.0	41.5			G2/5000
FVH	(80°-90°)	115.8	1.1			G2/225
BL	(0°-30°)	10.2	0.1	B0/110		
BM	(30°-60°)	9.4	0.1	B0/220		
BH	(60°-80°)	17.9	0.2	B0/110		G0/110
BVH	(80°-90°)	1.6	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-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
2.5°	83.9	86.7	83.9	83.9	83.9	81.1	81.1	78.3	78.3	75.5	72.7
5°	123.1	123.1	114.7	109.1	103.5	100.7	97.9	92.3	86.7	81.1	75.5
7.5°	274.2	274.2	249.0	215.4	170.7	145.5	139.9	114.7	97.9	86.7	75.5
10°	654.7	654.7	598.7	506.4	391.7	291.0	260.2	165.1	117.5	92.3	78.3
12.5°	1088.4	1102.3	1032.4	914.9	744.2	568.0	506.4	302.2	156.7	100.7	78.3
15°	1477.3	1443.7	1424.1	1312.2	1149.9	940.1	861.7	509.2	226.6	114.7	78.3
17.5°	1740.3	1740.3	1712.3	1636.7	1488.4	1303.8	1239.4	822.6	366.5	131.5	81.1
20°	2048.0	2048.0	1997.7	1944.5	1813.0	1656.3	1594.8	1169.5	568.0	167.9	81.1
22.5°	2420.1	2425.7	2369.8	2274.6	2148.7	1975.3	1922.1	1491.2	822.6	223.8	83.9
25°	2873.4	2879.0	2797.8	2708.3	2515.3	2327.8	2246.7	1860.6	1133.1	313.4	83.9
27.5°	3374.2	3413.4	3293.1	3139.2	2934.9	2699.9	2638.4	2193.5	1440.9	442.1	89.5
30°	3998.1	3998.1	3838.6	3623.2	3402.2	3111.2	3032.9	2543.2	1768.2	612.7	95.1
32.5°	4535.3	4493.3	4289.1	4062.5	3827.4	3556.0	3472.1	2909.7	2104.0	825.4	106.3
35°	4946.6	4910.2	4658.4	4415.0	4210.7	3961.7	3861.0	3307.0	2459.3	1066.0	123.1
37.5°	5299.1	5285.1	4943.8	4638.8	4504.5	4286.3	4196.8	3681.9	2809.0	1326.2	142.7
40°	5685.2	5640.4	5276.7	4899.0	4697.6	4521.3	4440.2	3984.1	3144.8	1631.1	170.7
42.5°	6015.3	5962.2	5634.8	5265.5	4921.4	4683.6	4605.2	4238.7	3472.1	1936.1	207.0
45°	6381.9	6353.9	6023.7	5744.0	5285.1	4904.6	4801.1	4443.0	3771.5	2299.8	254.6
47.5°	6933.0	6882.7	6574.9	6345.5	5813.9	5240.3	5092.1	4652.8	4059.7	2657.9	327.3
50°	7573.7	7540.2	7358.3	7176.4	6647.7	5813.9	5637.6	4955.0	4381.4	3083.2	422.5
52.5°	8096.9	8091.3	8113.7	8116.5	7716.4	6779.2	6516.2	5441.8	4750.7	3502.9	556.8
55°	8085.7	8110.9	8357.1	8639.7	8670.5	8096.9	7842.3	6261.6	5231.9	4020.5	744.2
57.5°	7783.6	7764.0	8024.2	8449.5	8748.8	8810.4	8768.4	7534.6	5956.6	4644.4	1032.4
58°	7685.6	7668.9	7915.1	8348.7	8692.9	8857.9	8816.0	7822.7	6118.9	4733.9	1110.7
60°	7330.3	7333.1	7478.6	7873.1	8217.2	8608.9	8648.1	8645.3	6927.4	5332.7	1505.2
62.5°	6860.3	6837.9	6972.2	7294.0	7596.1	7859.1	7926.3	8701.3	8110.9	6093.7	2257.9
65°	6211.2	6177.6	6320.3	6684.0	7008.6	7179.2	7182.0	7951.4	8667.7	6910.6	3332.2
67.5°	5005.3	4977.3	5262.7	5730.0	6230.8	6454.6	6555.3	6899.5	8197.7	7464.6	3947.7
70°	3066.4	3125.2	3522.5	4255.5	5111.6	5522.9	5674.0	5780.3	6980.6	7380.7	3301.4
72.5°	1415.7	1345.8	1684.3	2196.3	3172.7	4087.6	4244.3	4661.2	5534.1	6407.0	2462.1
75°	660.3	635.1	713.4	959.7	1438.1	2207.5	2492.9	3721.1	4244.3	4456.9	1776.6
77.5°	338.5	341.3	405.7	436.5	593.1	1021.2	1172.3	2448.1	3111.2	2487.3	1191.9
80°	148.3	153.9	156.7	170.7	240.6	394.5	444.9	1135.9	2126.4	1267.4	651.9
82.5°	95.1	97.9	97.9	97.9	114.7	156.7	179.1	456.0	1060.4	629.5	201.4
85°	50.4	50.4	56.0	69.9	81.1	95.1	100.7	145.5	349.7	187.5	47.6
87.5°	28.0	30.8	33.6	42.0	53.2	64.4	69.9	100.7	134.3	128.7	11.2
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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CATALOG NUMBER: GALN-SA2C-835-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
2.5°	72.7	69.9	67.1	64.4	61.6	58.8	58.8	58.8	58.8	58.8	58.8
5°	69.9	67.1	64.4	58.8	53.2	50.4	47.6	44.8	44.8	44.8	44.8
7.5°	69.9	67.1	58.8	53.2	47.6	42.0	36.4	36.4	36.4	36.4	36.4
10°	69.9	64.4	56.0	47.6	39.2	33.6	30.8	28.0	28.0	28.0	28.0
12.5°	69.9	61.6	53.2	42.0	33.6	28.0	25.2	22.4	22.4	22.4	22.4
15°	69.9	61.6	50.4	39.2	30.8	22.4	19.6	16.8	16.8	16.8	16.8
17.5°	67.1	58.8	47.6	33.6	25.2	16.8	14.0	11.2	11.2	14.0	14.0
20°	64.4	56.0	42.0	28.0	19.6	14.0	8.4	8.4	8.4	8.4	8.4
22.5°	64.4	56.0	39.2	25.2	16.8	8.4	5.6	5.6	5.6	5.6	8.4
25°	64.4	53.2	33.6	19.6	11.2	5.6	2.8	2.8	2.8	2.8	2.8
27.5°	64.4	53.2	30.8	16.8	8.4	5.6	2.8	0.0	0.0	0.0	0.0
30°	61.6	50.4	28.0	14.0	5.6	2.8	0.0	0.0	0.0	0.0	0.0
32.5°	61.6	47.6	22.4	11.2	5.6	2.8	0.0	0.0	0.0	0.0	0.0
35°	64.4	44.8	19.6	8.4	2.8	0.0	0.0	0.0	0.0	0.0	2.8
37.5°	67.1	42.0	16.8	5.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0
40°	69.9	39.2	16.8	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	75.5	39.2	14.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	81.1	39.2	11.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	92.3	42.0	11.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	100.7	44.8	8.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	111.9	42.0	8.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	125.9	42.0	8.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	137.1	39.2	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	142.7	36.4	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	170.7	33.6	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	265.8	28.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	540.0	25.2	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1007.2	22.4	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1127.5	25.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	710.6	19.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	374.9	19.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	187.5	19.6	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	86.7	14.0	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	36.4	8.4	5.6	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0
85°	16.8	8.4	5.6	5.6	2.8	2.8	0.0	0.0	0.0	0.0	0.0
87.5°	8.4	8.4	8.4	5.6	5.6	2.8	2.8	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

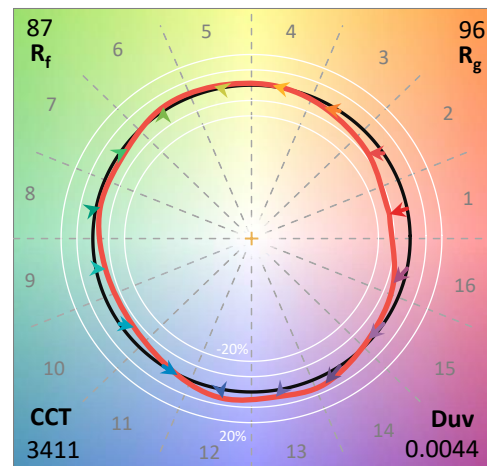
Test Information

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

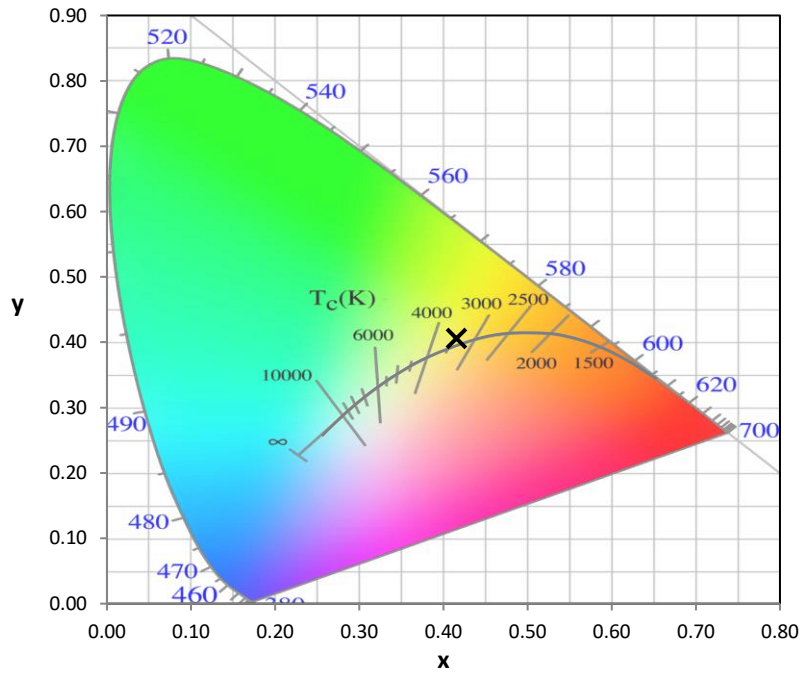
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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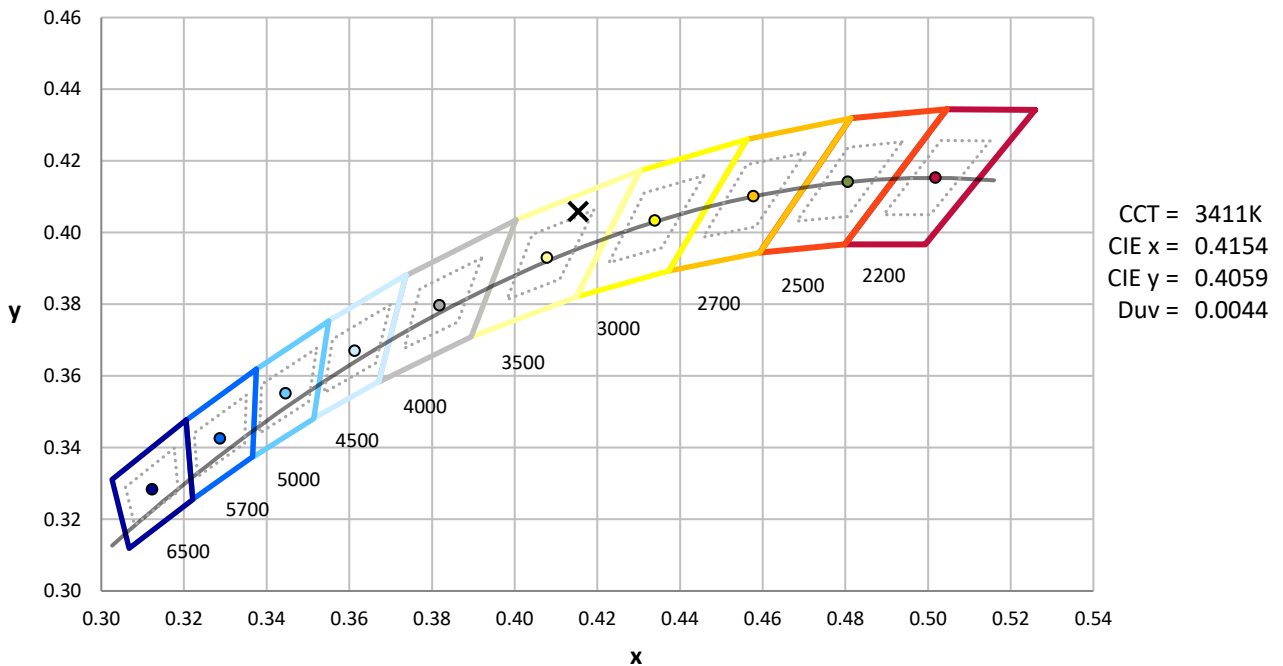
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



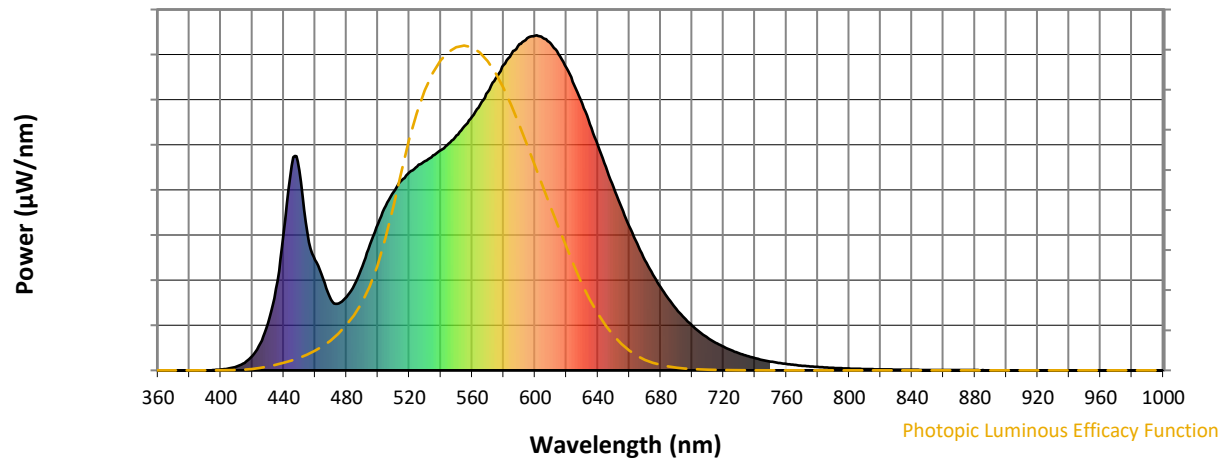
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

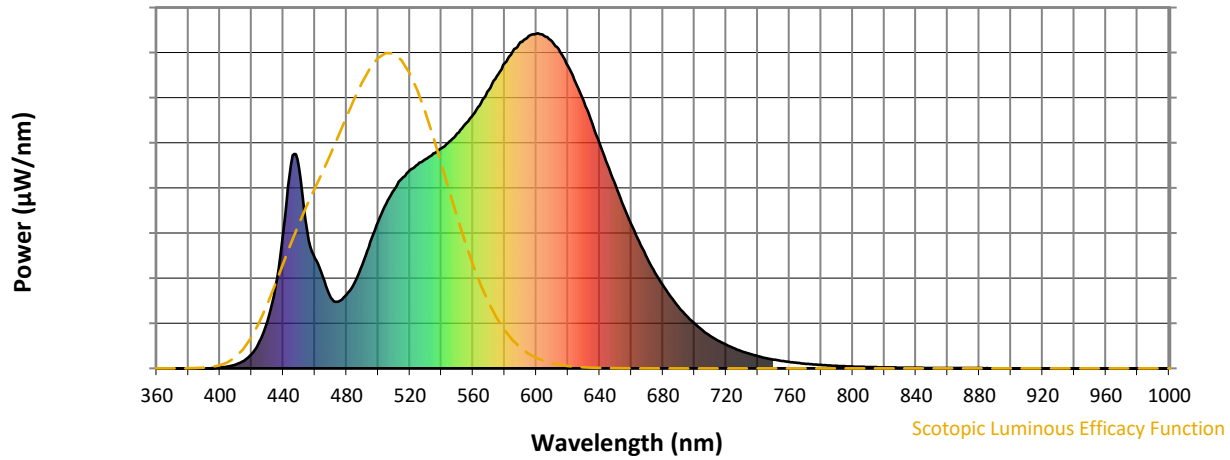


Photopic Lumens: NR

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



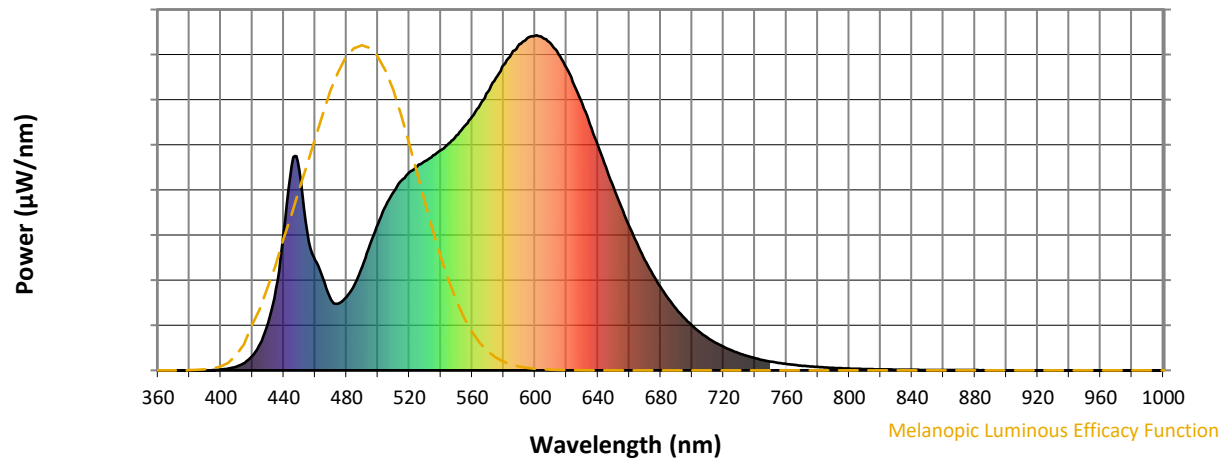
Scotopic Lumens: NR

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

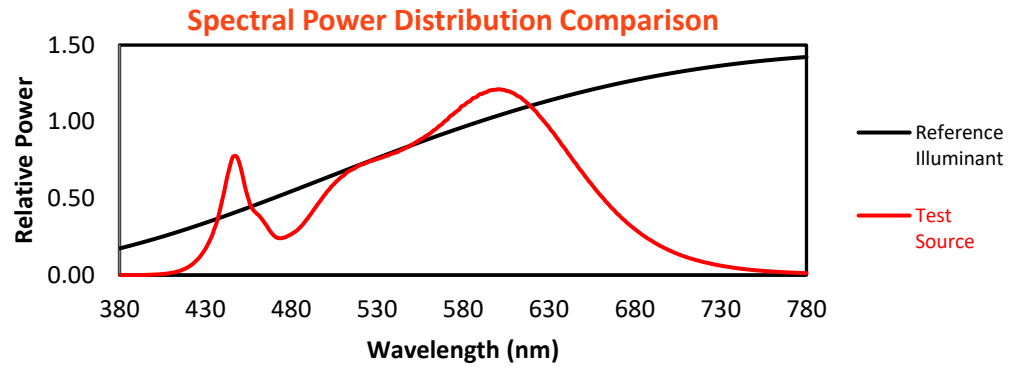
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903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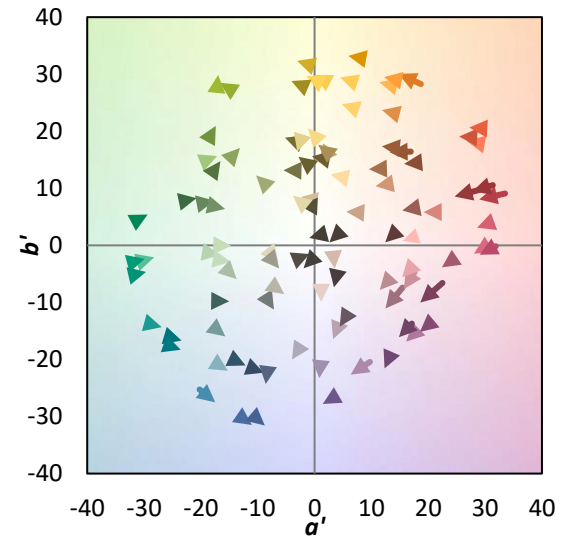
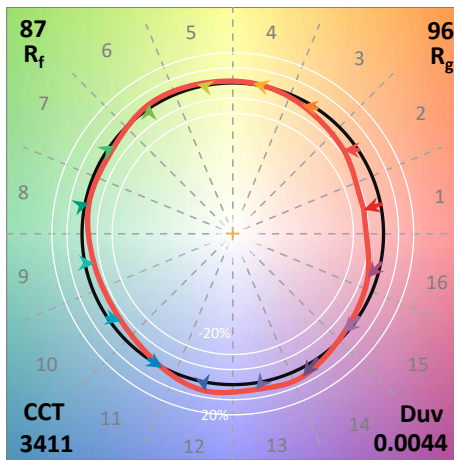
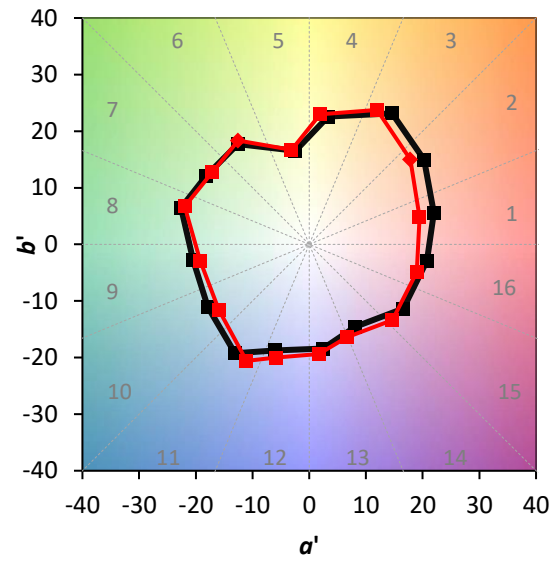
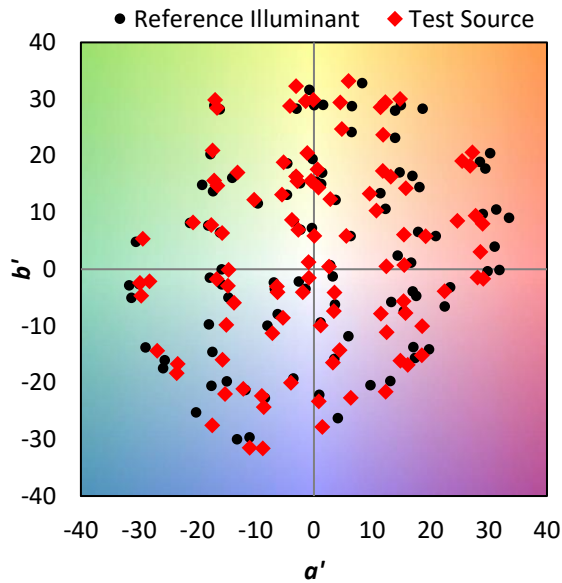
TM-30-18

Summary

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

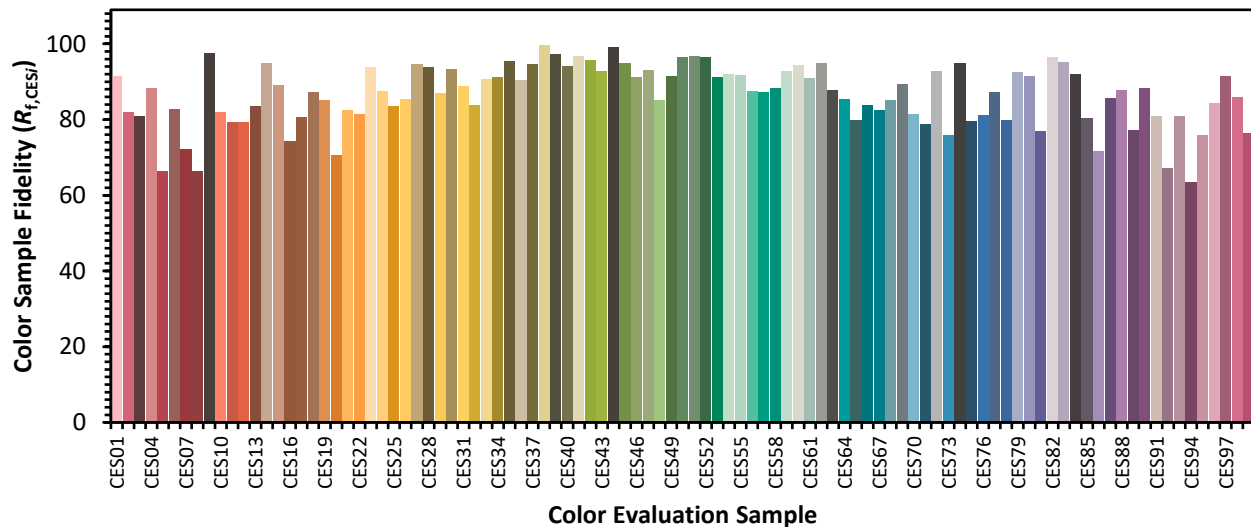


Color Vector Graphics

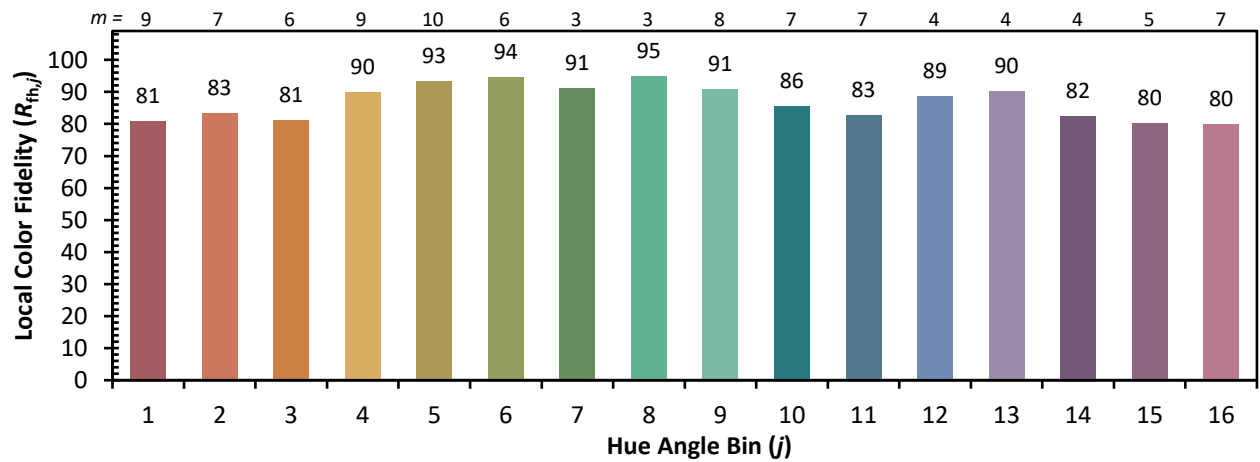
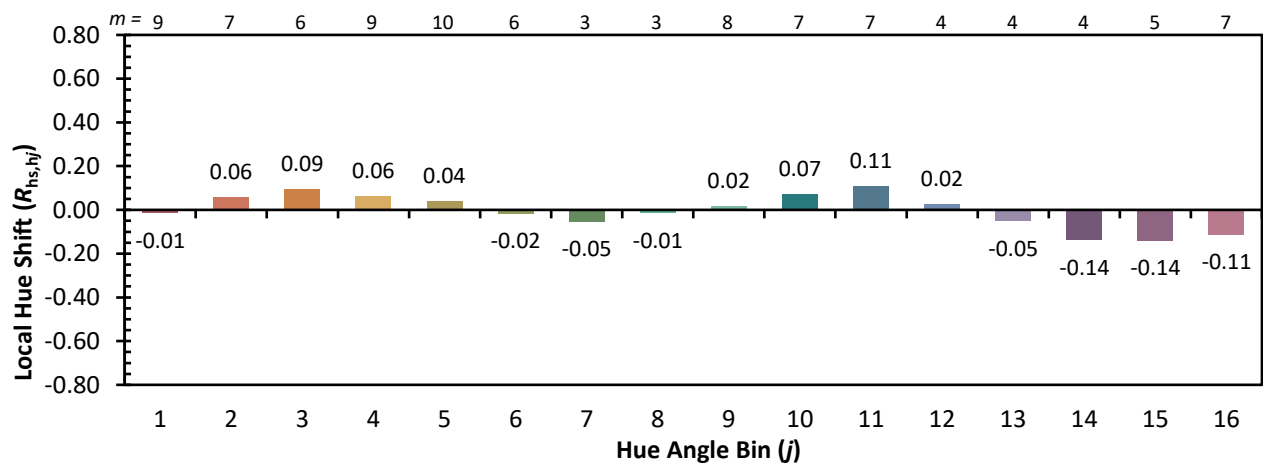
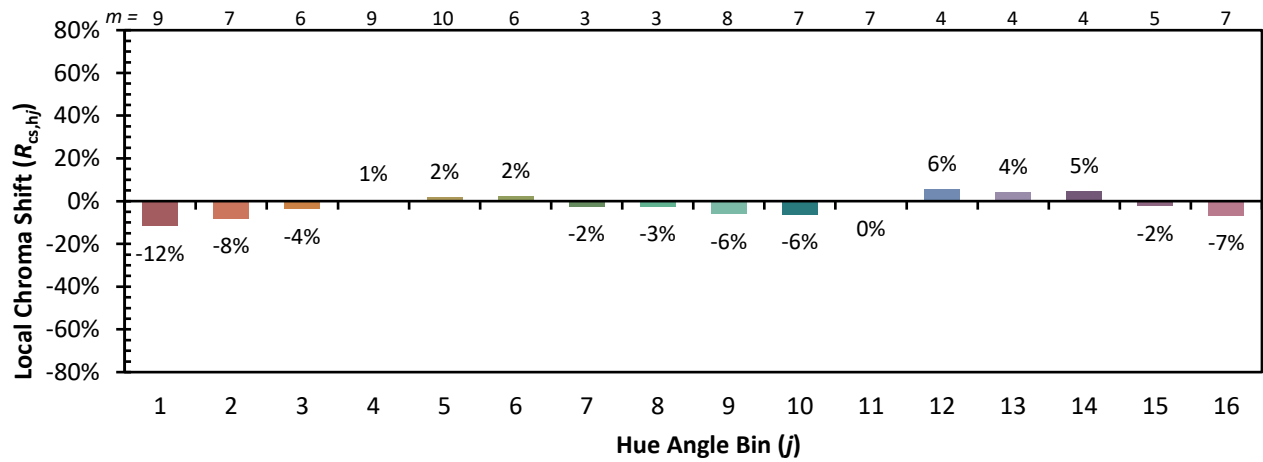


Individual Sample Fidelity Index ($R_{f,i}$)

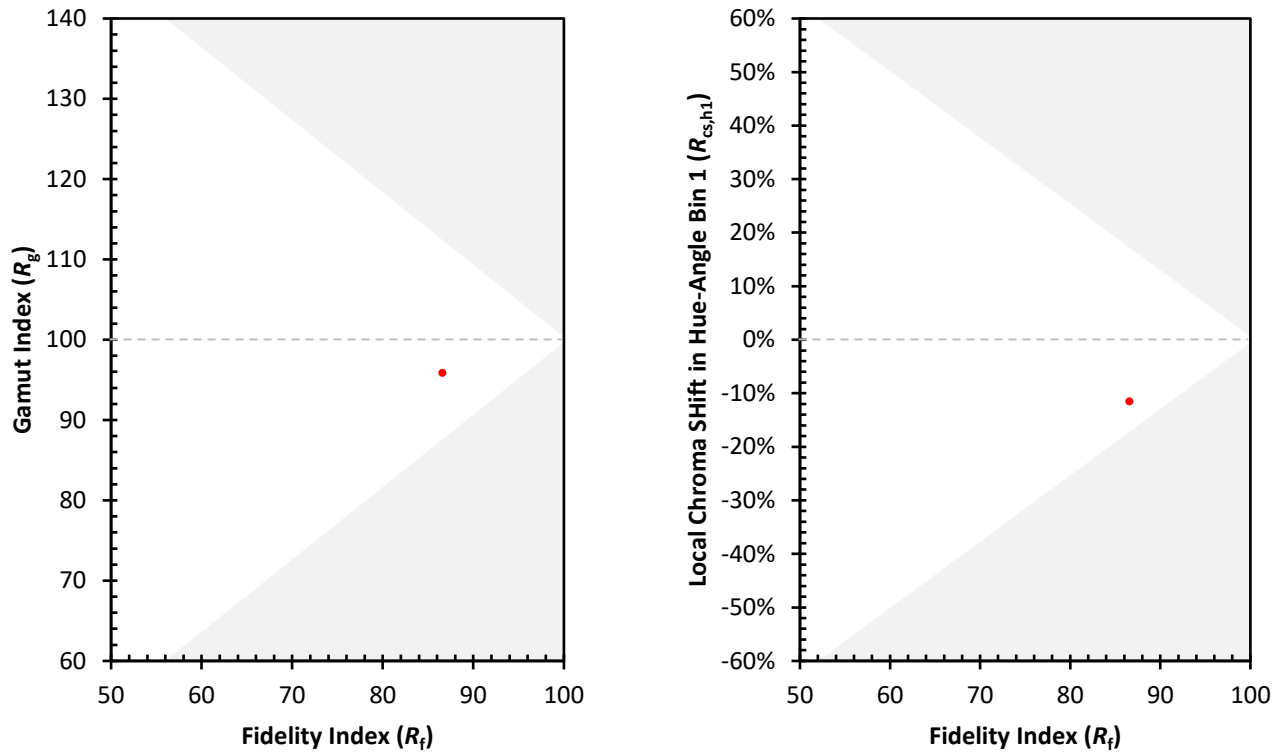
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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