

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: P1047346

Luminaire Tested: **GALN-SA3B-835-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047346
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3B-835-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13247.4 lumens
Efficiency: N/A
Efficacy: 124.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 106.2
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

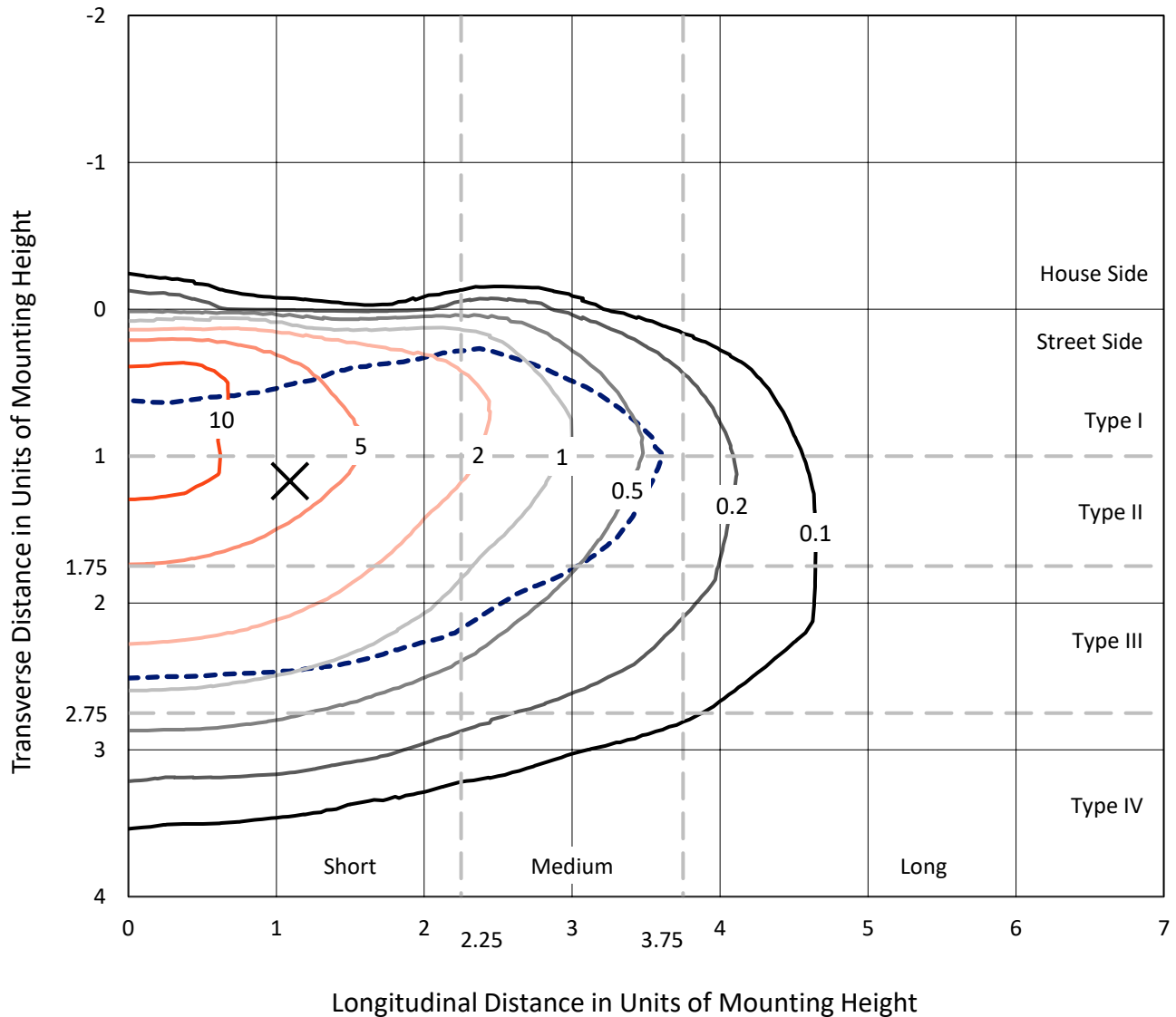


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

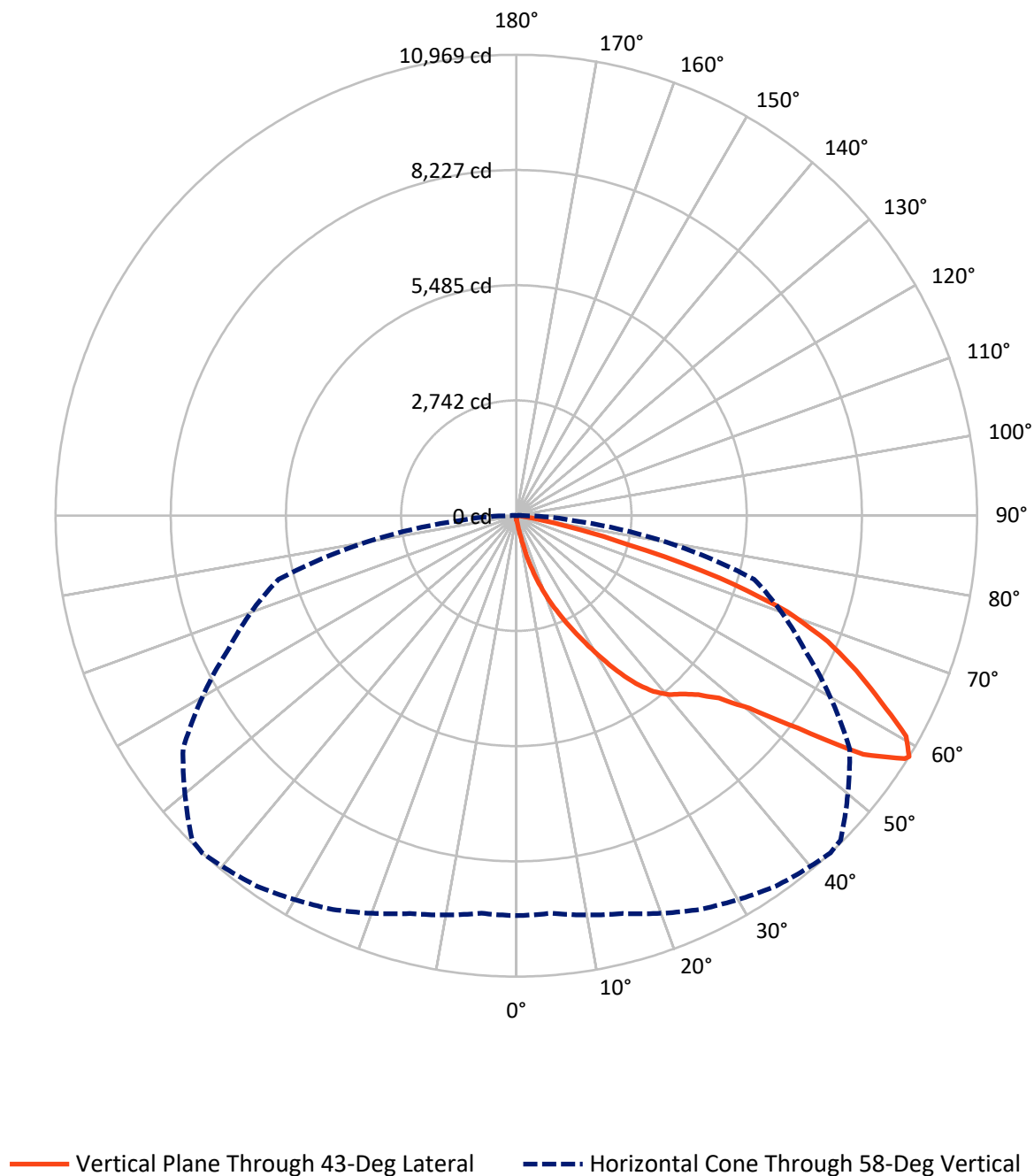


Based on 15 foot mounting height. Maximum calculated value = 14.9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	48.4	0.0	48.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	13199.0	0.0	13199.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	13247.4	0.0	13247.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.7	0.1
10°-20°	152.3	1.1
20°-30°	548.9	4.1
30°-40°	1255.8	9.5
40°-50°	2118.0	16.0
50°-60°	3495.2	26.4
60°-70°	3906.3	29.5
70°-80°	1612.9	12.2
80°-90°	145.4	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°	13247.4	100.0
0°-180°	13247.4	100.0



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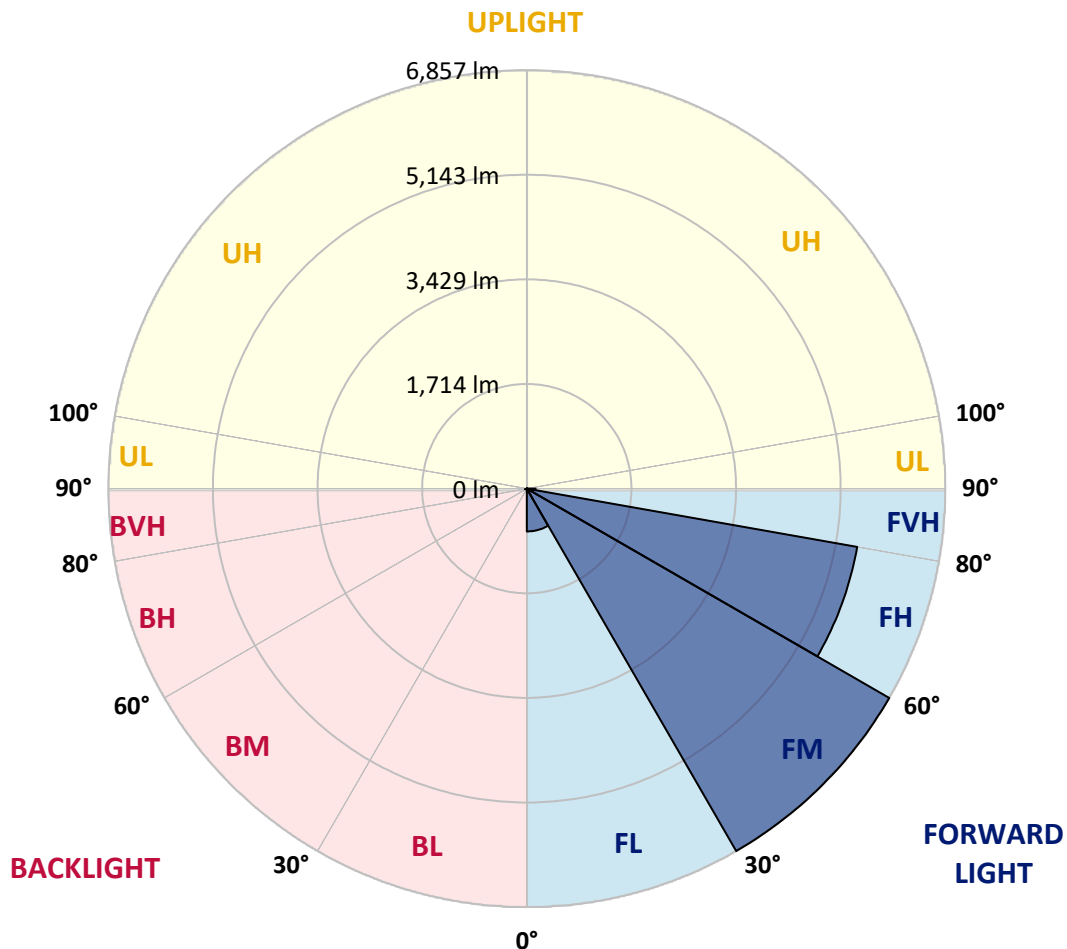
CATALOG NUMBER: GALN-SA3B-835-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	701.2	5.3			
FM	(30°-60°)	6857.4	51.8			
FH	(60°-80°)	5497.0	41.5			G3/7500
FVH	(80°-90°)	143.4	1.1			G2/225
BL	(0°-30°)	12.6	0.1	B0/110		
BM	(30°-60°)	11.6	0.1	B0/220		
BH	(60°-80°)	22.2	0.2	B0/110		G0/110
BVH	(80°-90°)	2.0	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 III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
2.5°	103.9	107.4	103.9	103.9	103.9	100.5	100.5	97.0	97.0	93.5	90.1
5°	152.4	152.4	142.1	135.1	128.2	124.7	121.3	114.3	107.4	100.5	93.5
7.5°	339.5	339.5	308.4	266.8	211.3	180.2	173.2	142.1	121.3	107.4	93.5
10°	810.7	810.7	741.5	627.1	485.1	360.3	322.2	204.4	145.5	114.3	97.0
12.5°	1347.8	1365.1	1278.5	1133.0	921.6	703.3	627.1	374.2	194.0	124.7	97.0
15°	1829.4	1787.8	1763.5	1625.0	1424.0	1164.2	1067.1	630.6	280.6	142.1	97.0
17.5°	2155.1	2155.1	2120.4	2026.9	1843.2	1614.6	1534.9	1018.6	453.9	162.8	100.5
20°	2536.2	2536.2	2473.8	2408.0	2245.1	2051.1	1974.9	1448.3	703.3	207.9	100.5
22.5°	2997.0	3003.9	2934.6	2816.8	2660.9	2446.1	2380.3	1846.7	1018.6	277.2	103.9
25°	3558.3	3565.2	3464.7	3353.9	3114.8	2882.7	2782.2	2304.0	1403.2	388.1	103.9
27.5°	4178.5	4227.0	4078.0	3887.4	3634.5	3343.5	3267.2	2716.4	1784.3	547.4	110.9
30°	4951.1	4951.1	4753.6	4486.8	4213.1	3852.8	3755.8	3149.4	2189.7	758.8	117.8
32.5°	5616.3	5564.4	5311.4	5030.8	4739.8	4403.7	4299.7	3603.3	2605.5	1022.1	131.7
35°	6125.7	6080.6	5768.8	5467.4	5214.4	4906.1	4781.3	4095.3	3045.5	1320.1	152.4
37.5°	6562.2	6544.9	6122.2	5744.5	5578.2	5308.0	5197.1	4559.6	3478.6	1642.3	176.7
40°	7040.3	6984.9	6534.5	6066.8	5817.3	5599.0	5498.5	4933.8	3894.4	2019.9	211.3
42.5°	7449.2	7383.3	6978.0	6520.6	6094.5	5800.0	5703.0	5249.1	4299.7	2397.6	256.4
45°	7903.1	7868.4	7459.6	7113.1	6544.9	6073.7	5945.5	5502.0	4670.5	2848.0	315.3
47.5°	8585.6	8523.2	8142.1	7858.0	7199.7	6489.4	6305.8	5761.9	5027.3	3291.5	405.4
50°	9379.0	9337.5	9112.3	8887.0	8232.2	7199.7	6981.4	6136.0	5425.8	3818.1	523.2
52.5°	10026.9	10020.0	10047.7	10051.2	9555.7	8395.1	8069.4	6738.9	5883.1	4337.8	689.5
55°	10013.1	10044.3	10349.2	10699.1	10737.2	10026.9	9711.7	7754.1	6479.1	4978.8	921.6
57.5°	9638.9	9614.6	9936.9	10463.5	10834.2	10910.4	10858.5	9330.5	7376.4	5751.5	1278.5
58°	9517.6	9496.8	9801.7	10338.8	10764.9	10969.4	10917.4	9687.4	7577.4	5862.3	1375.5
60°	9077.6	9081.1	9261.2	9749.8	10175.9	10661.0	10709.5	10706.0	8578.7	6603.8	1864.0
62.5°	8495.5	8467.8	8634.1	9032.6	9406.8	9732.4	9815.6	10775.3	10044.3	7546.2	2796.0
65°	7691.7	7650.1	7826.8	8277.3	8679.2	8890.5	8894.0	9846.8	10733.7	8557.9	4126.5
67.5°	6198.4	6163.8	6517.2	7095.8	7716.0	7993.1	8117.9	8544.0	10151.7	9243.9	4888.7
70°	3797.3	3870.1	4362.1	5269.9	6330.1	6839.4	7026.5	7158.1	8644.5	9140.0	4088.4
72.5°	1753.2	1666.5	2085.8	2719.8	3929.0	5062.0	5256.0	5772.2	6853.2	7934.2	3049.0
75°	817.7	786.5	883.5	1188.4	1780.9	2733.7	3087.1	4608.1	5256.0	5519.3	2200.1
77.5°	419.2	422.7	502.4	540.5	734.5	1264.6	1451.7	3031.6	3852.8	3080.1	1476.0
80°	183.6	190.6	194.0	211.3	298.0	488.5	550.9	1406.7	2633.2	1569.5	807.3
82.5°	117.8	121.3	121.3	121.3	142.1	194.0	221.7	564.8	1313.1	779.6	249.5
85°	62.4	62.4	69.3	86.6	100.5	117.8	124.7	180.2	433.1	232.1	58.9
87.5°	34.6	38.1	41.6	52.0	65.8	79.7	86.6	124.7	166.3	159.4	13.9
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-SA3B-835-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
2.5°	90.1	86.6	83.2	79.7	76.2	72.8	72.8	72.8	72.8	72.8	72.8
5°	86.6	83.2	79.7	72.8	65.8	62.4	58.9	55.4	55.4	55.4	55.4
7.5°	86.6	83.2	72.8	65.8	58.9	52.0	45.0	45.0	45.0	45.0	45.0
10°	86.6	79.7	69.3	58.9	48.5	41.6	38.1	34.6	34.6	34.6	34.6
12.5°	86.6	76.2	65.8	52.0	41.6	34.6	31.2	27.7	27.7	27.7	27.7
15°	86.6	76.2	62.4	48.5	38.1	27.7	24.3	20.8	20.8	20.8	20.8
17.5°	83.2	72.8	58.9	41.6	31.2	20.8	17.3	13.9	13.9	17.3	17.3
20°	79.7	69.3	52.0	34.6	24.3	17.3	10.4	10.4	10.4	10.4	10.4
22.5°	79.7	69.3	48.5	31.2	20.8	10.4	6.9	6.9	6.9	6.9	10.4
25°	79.7	65.8	41.6	24.3	13.9	6.9	3.5	3.5	3.5	3.5	3.5
27.5°	79.7	65.8	38.1	20.8	10.4	6.9	3.5	0.0	0.0	0.0	0.0
30°	76.2	62.4	34.6	17.3	6.9	3.5	0.0	0.0	0.0	0.0	0.0
32.5°	76.2	58.9	27.7	13.9	6.9	3.5	0.0	0.0	0.0	0.0	0.0
35°	79.7	55.4	24.3	10.4	3.5	0.0	0.0	0.0	0.0	0.0	3.5
37.5°	83.2	52.0	20.8	6.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0
40°	86.6	48.5	20.8	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	93.5	48.5	17.3	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	100.5	48.5	13.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	114.3	52.0	13.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	124.7	55.4	10.4	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	138.6	52.0	10.4	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	155.9	52.0	10.4	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	169.8	48.5	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	176.7	45.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	211.3	41.6	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	329.1	34.6	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	668.7	31.2	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1247.3	27.7	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1396.3	31.2	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	880.0	24.3	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	464.3	24.3	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	232.1	24.3	3.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	107.4	17.3	3.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	45.0	10.4	6.9	3.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0
85°	20.8	10.4	6.9	6.9	3.5	3.5	0.0	0.0	0.0	0.0	0.0
87.5°	10.4	10.4	10.4	6.9	6.9	3.5	3.5	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

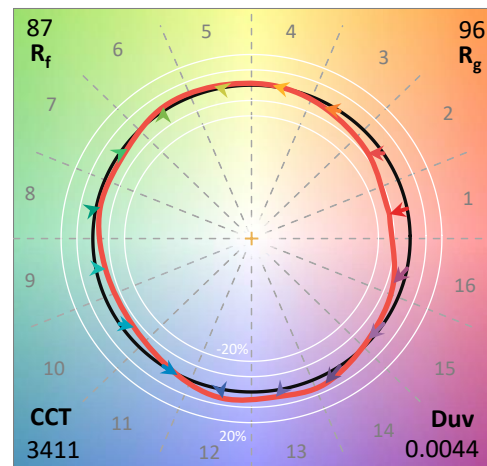
Test Information

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

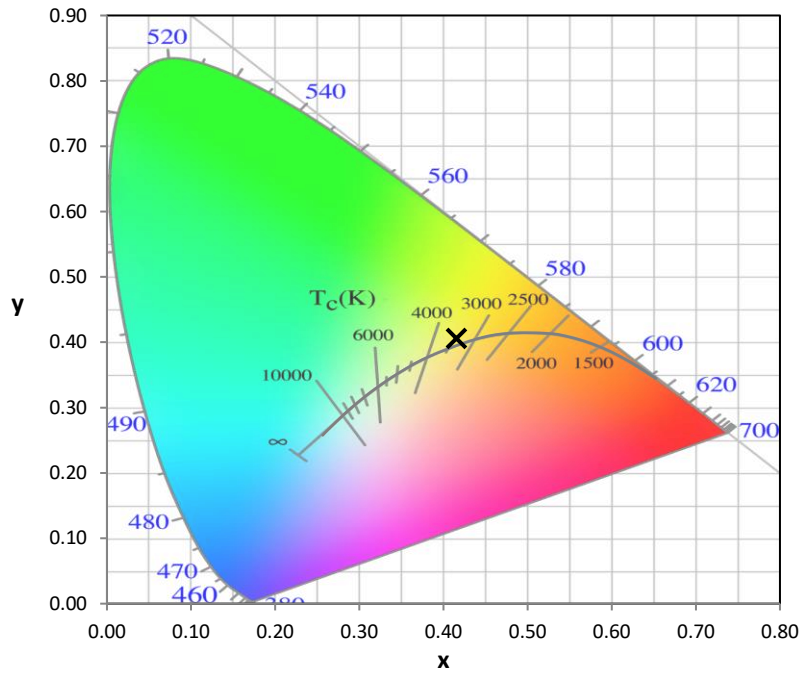
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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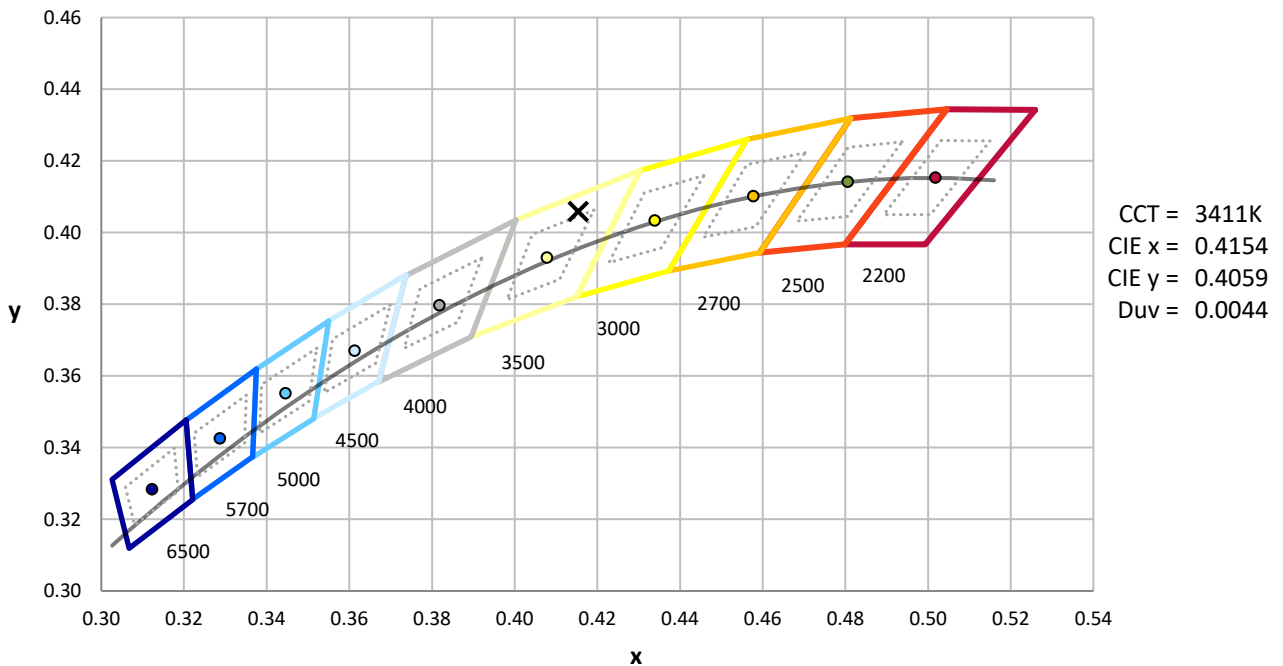
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



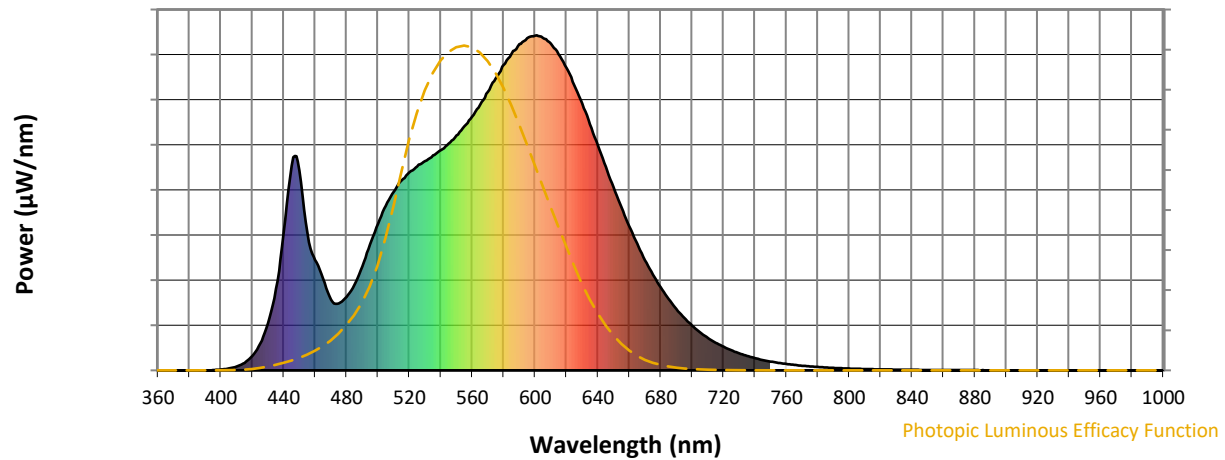
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

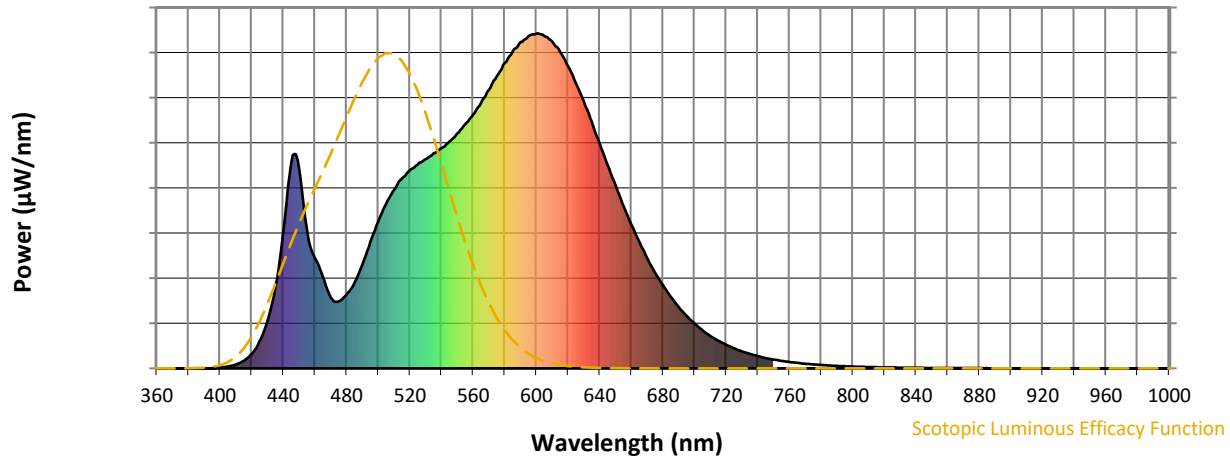


Photopic Lumens: NR

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



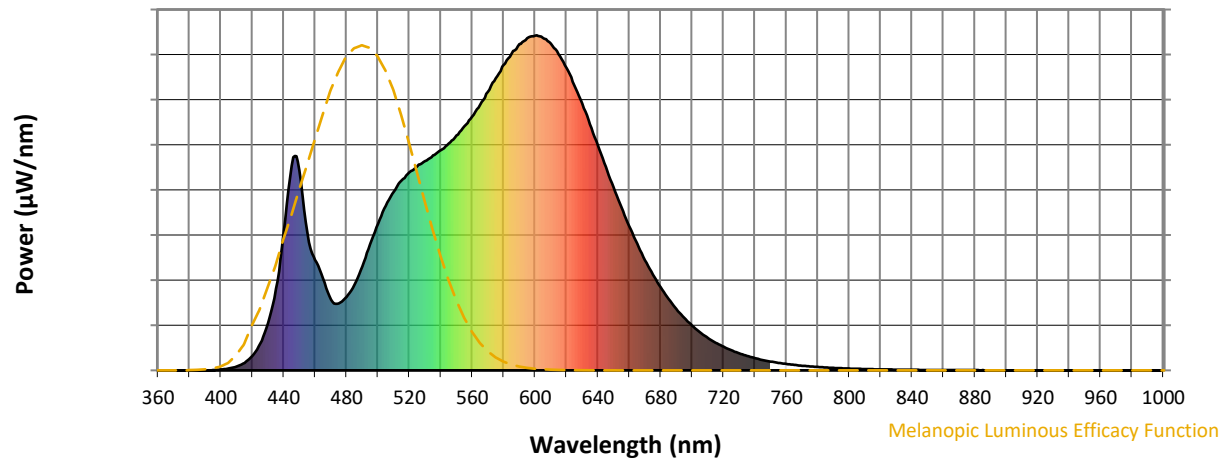
Scotopic Lumens: NR

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

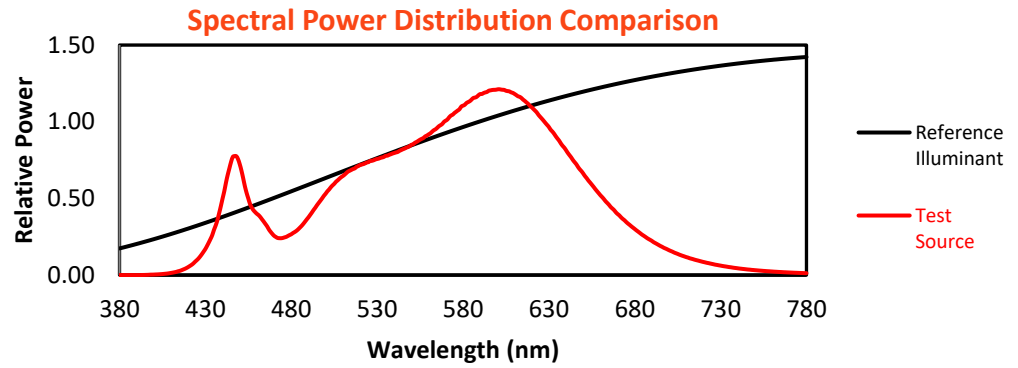
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903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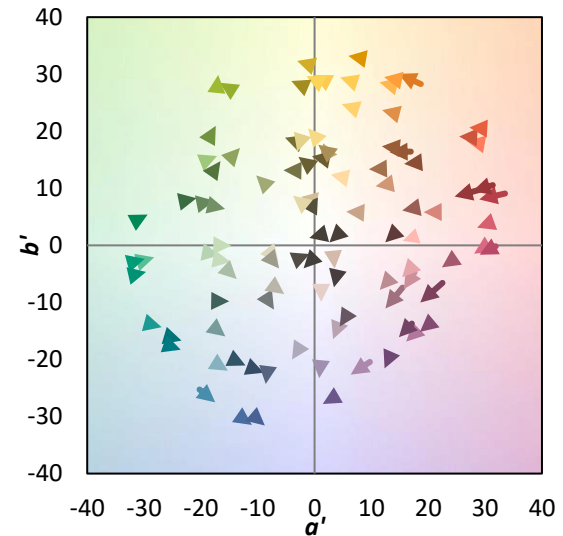
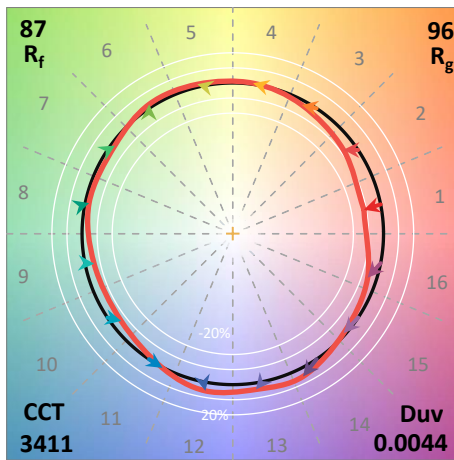
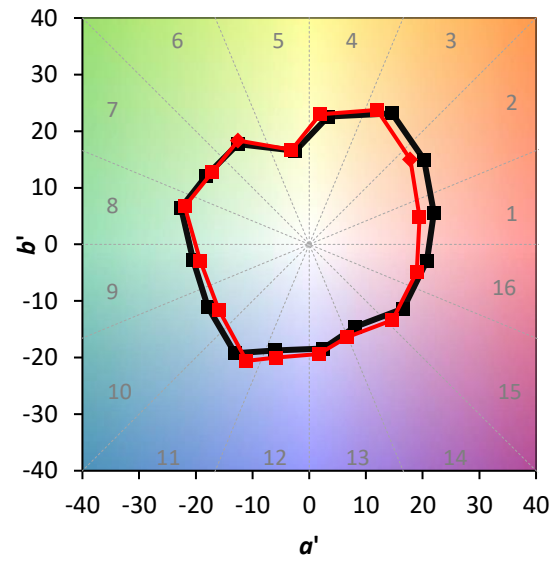
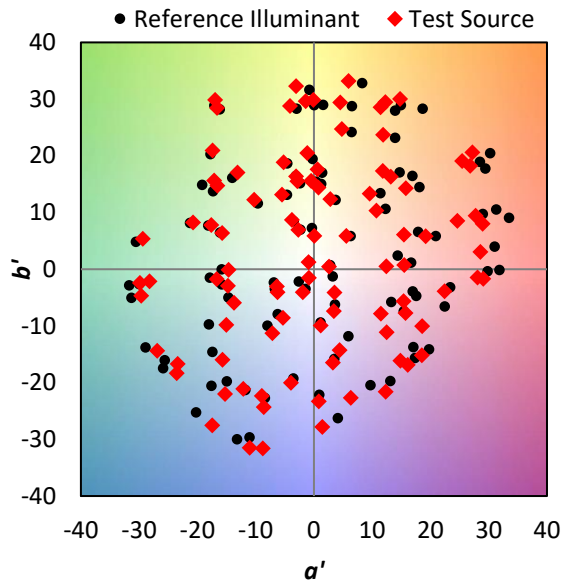
TM-30-18

Summary

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

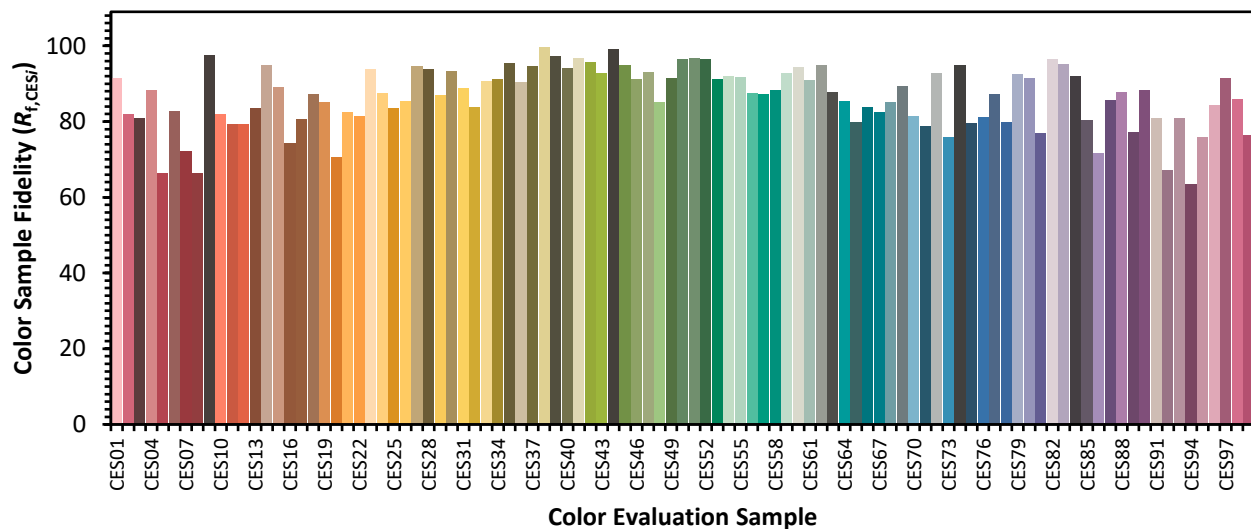


Color Vector Graphics

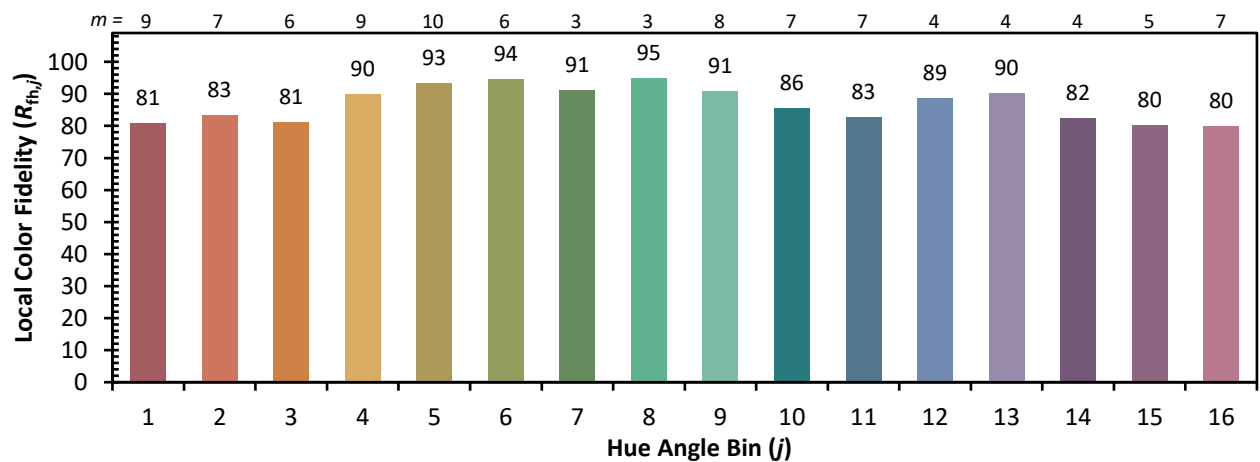
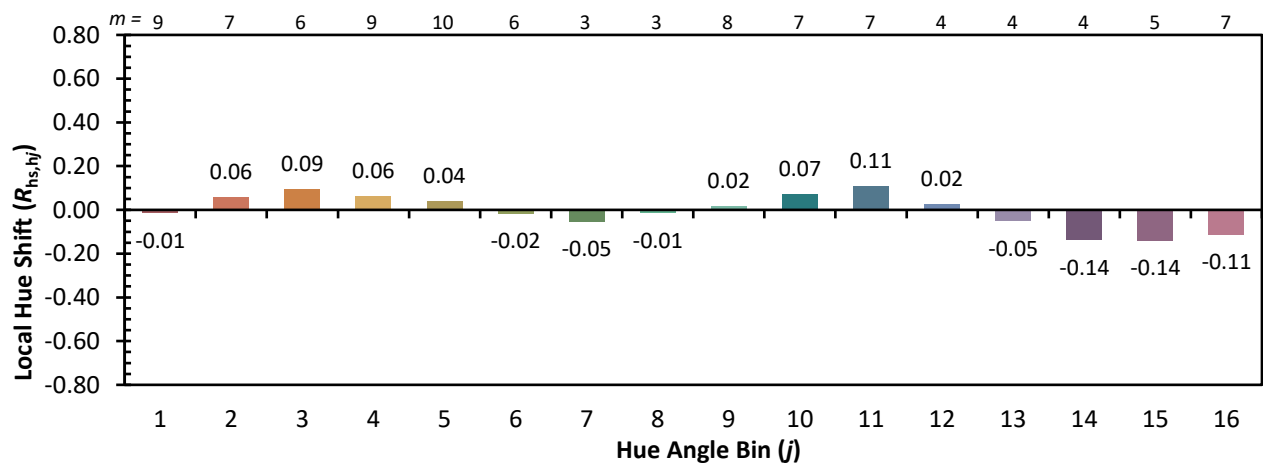
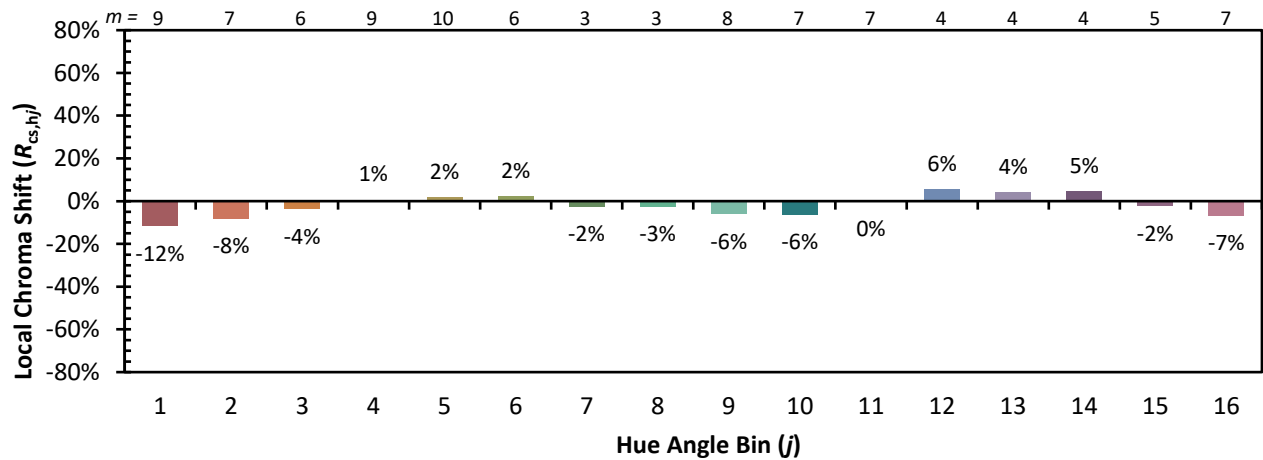


Individual Sample Fidelity Index ($R_{f,i}$)

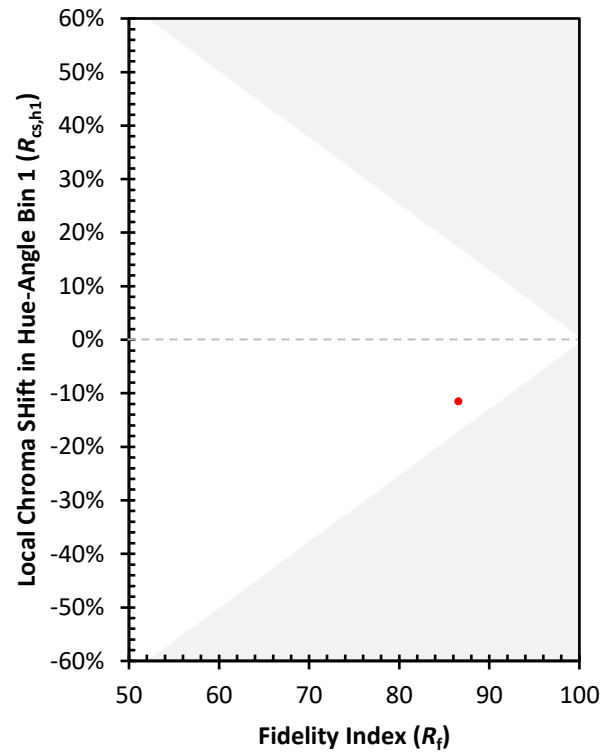
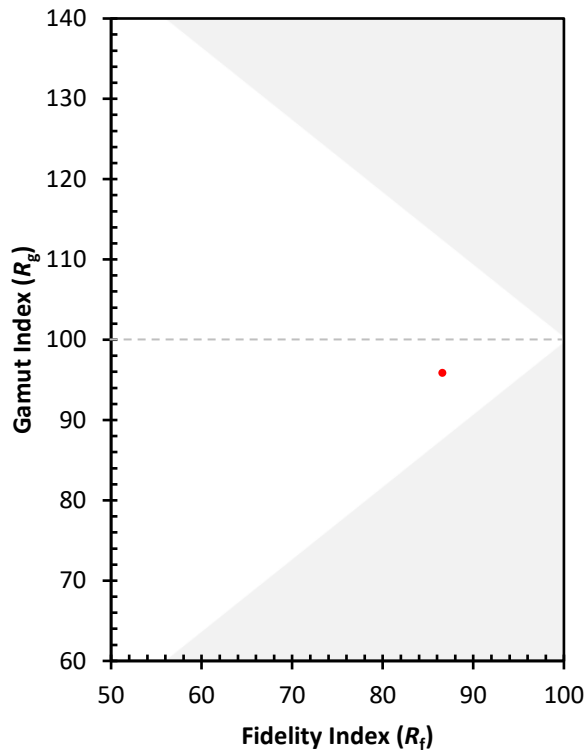
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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