

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: P1047590

Luminaire Tested: **GALN-SA1B-950-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047590
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1B-950-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
90CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3780.5 lumens
Efficiency: N/A
Efficacy: 97.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 38.7
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

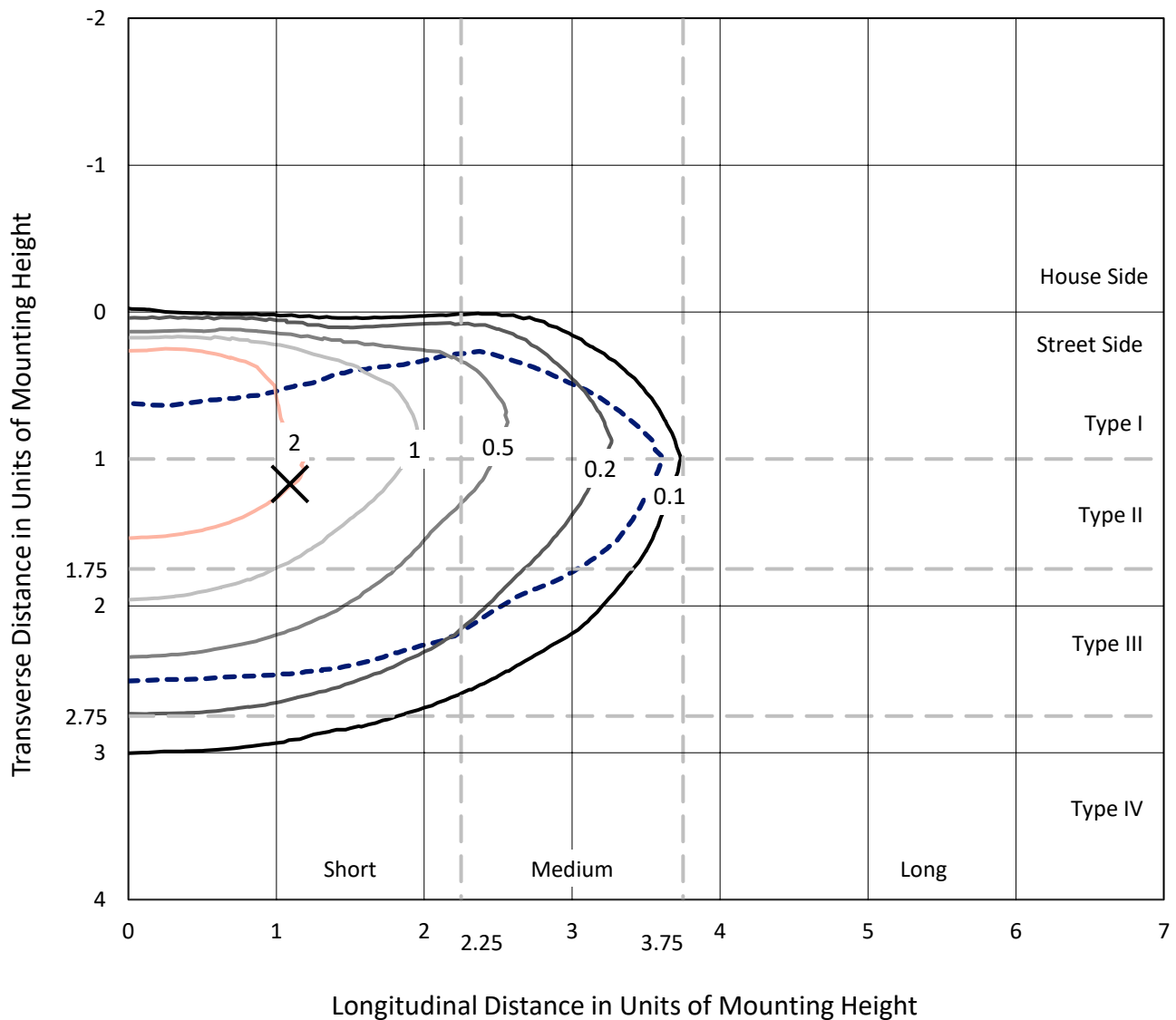


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CATALOG NUMBER: GALN-SA1B-950-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

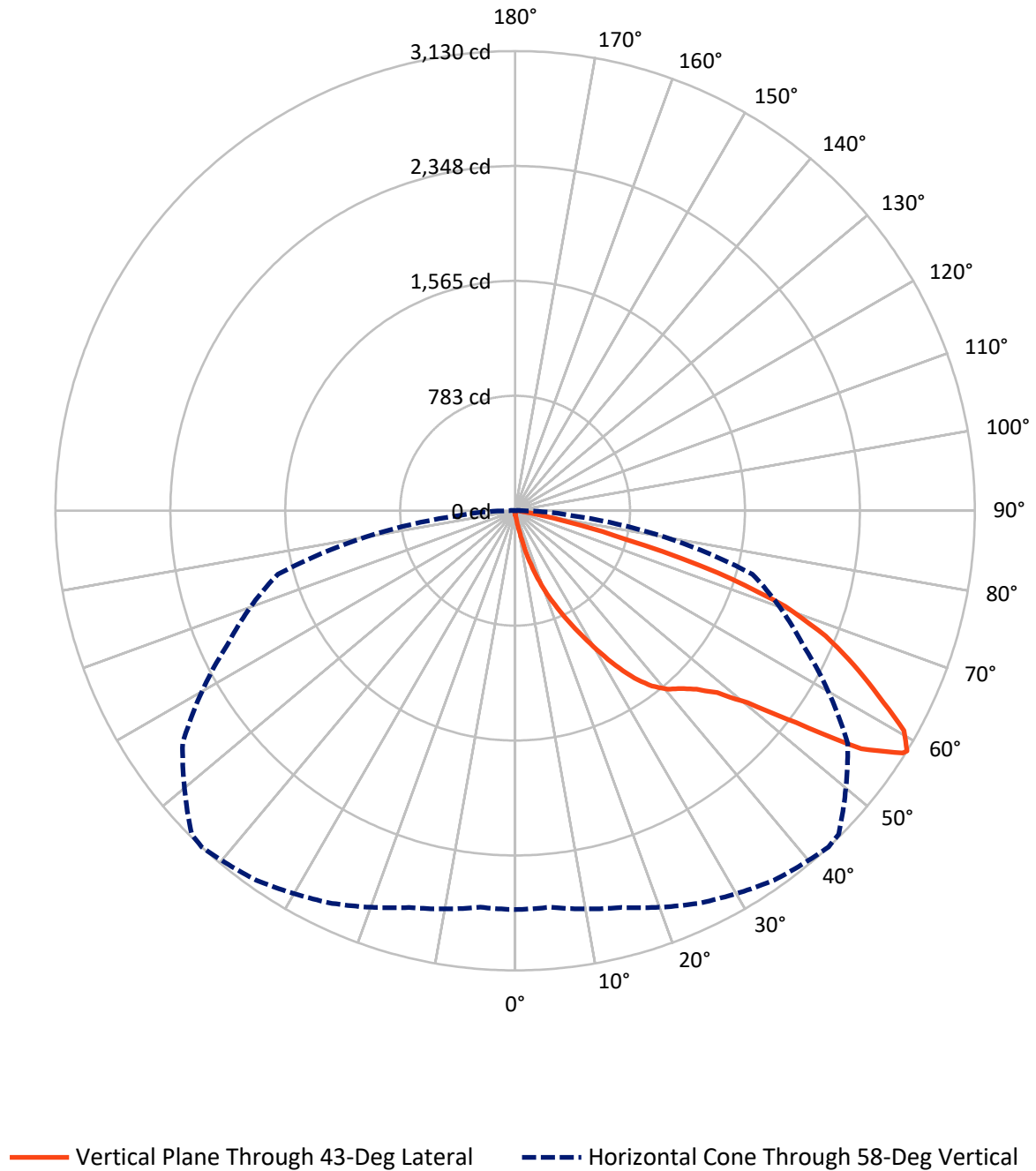


Based on 15 foot mounting height. Maximum calculated value = 4.2 fc
 Type III - Short - N/A

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CATALOG NUMBER: GALN-SA1B-950-U-T3BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	13.8	0.0	13.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3766.7	0.0	3766.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	3780.5	0.0	3780.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.6	0.1
10°-20°	43.5	1.1
20°-30°	156.6	4.1
30°-40°	358.4	9.5
40°-50°	604.4	16.0
50°-60°	997.4	26.4
60°-70°	1114.8	29.5
70°-80°	460.3	12.2
80°-90°	41.5	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°	3780.5	100.0
0°-180°	3780.5	100.0



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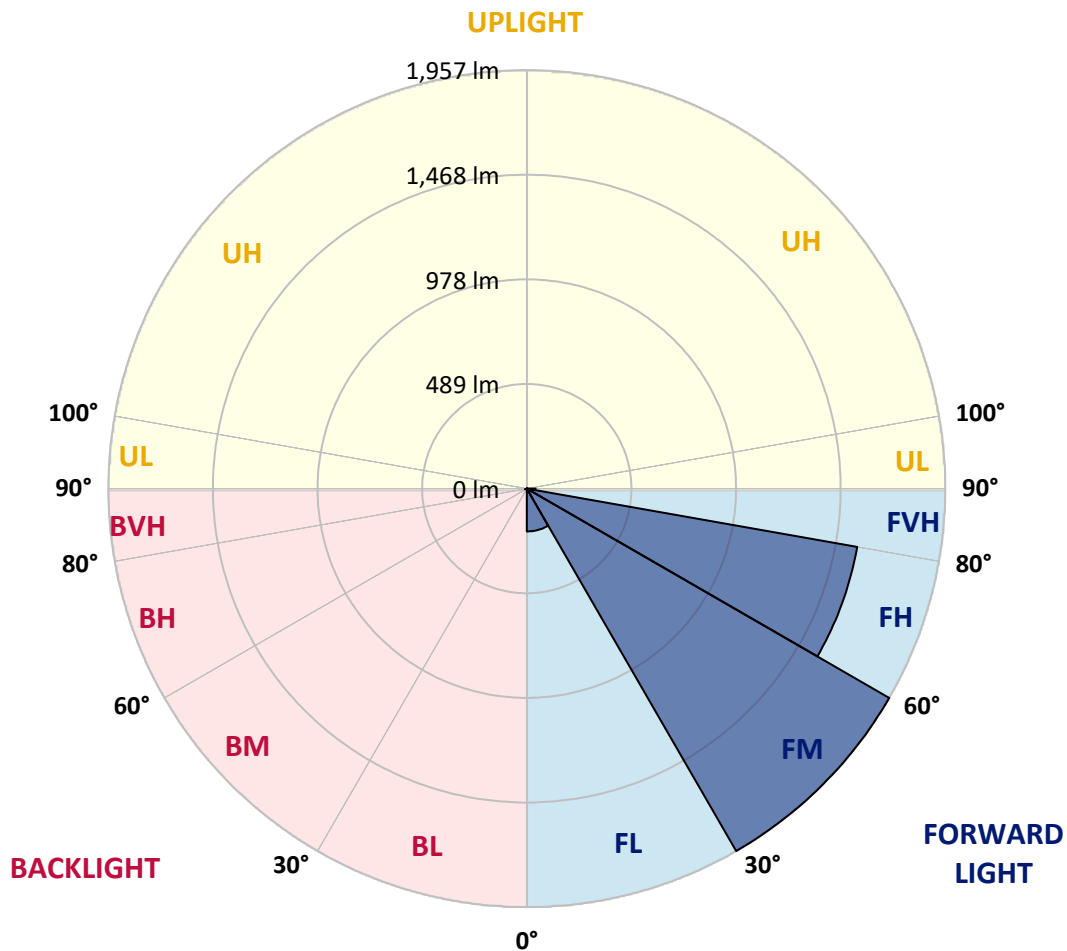
CATALOG NUMBER: GALN-SA1B-950-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	200.1	5.3			
FM	(30°-60°)	1956.9	51.8			
FH	(60°-80°)	1568.7	41.5			G1/1800
FVH	(80°-90°)	40.9	1.1			G1/100
BL	(0°-30°)	3.6	0.1	B0/110		
BM	(30°-60°)	3.3	0.1	B0/220		
BH	(60°-80°)	6.3	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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-G1

Type III Short





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CATALOG NUMBER: GALN-SA1B-950-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
2.5°	29.7	30.7	29.7	29.7	29.7	28.7	28.7	27.7	27.7	26.7	25.7
5°	43.5	43.5	40.5	38.6	36.6	35.6	34.6	32.6	30.7	28.7	26.7
7.5°	96.9	96.9	88.0	76.1	60.3	51.4	49.4	40.5	34.6	30.7	26.7
10°	231.4	231.4	211.6	179.0	138.4	102.8	92.0	58.3	41.5	32.6	27.7
12.5°	384.6	389.6	364.9	323.3	263.0	200.7	179.0	106.8	55.4	35.6	27.7
15°	522.1	510.2	503.3	463.7	406.4	332.2	304.5	180.0	80.1	40.5	27.7
17.5°	615.0	615.0	605.1	578.4	526.0	460.8	438.0	290.7	129.5	46.5	28.7
20°	723.8	723.8	706.0	687.2	640.7	585.3	563.6	413.3	200.7	59.3	28.7
22.5°	855.3	857.2	837.5	803.9	759.4	698.1	679.3	527.0	290.7	79.1	29.7
25°	1015.5	1017.4	988.8	957.1	888.9	822.6	794.0	657.5	400.4	110.7	29.7
27.5°	1192.4	1206.3	1163.8	1109.4	1037.2	954.1	932.4	775.2	509.2	156.2	31.6
30°	1412.9	1412.9	1356.6	1280.4	1202.3	1099.5	1071.8	898.8	624.9	216.5	33.6
32.5°	1602.8	1587.9	1515.8	1435.7	1352.6	1256.7	1227.0	1028.3	743.5	291.7	37.6
35°	1748.1	1735.3	1646.3	1560.3	1488.1	1400.1	1364.5	1168.7	869.1	376.7	43.5
37.5°	1872.7	1867.8	1747.1	1639.4	1591.9	1514.8	1483.1	1301.2	992.7	468.7	50.4
40°	2009.1	1993.3	1864.8	1731.3	1660.1	1597.8	1569.2	1408.0	1111.4	576.4	60.3
42.5°	2125.8	2107.0	1991.4	1860.8	1739.2	1655.2	1627.5	1498.0	1227.0	684.2	73.2
45°	2255.3	2245.5	2128.8	2029.9	1867.8	1733.3	1696.7	1570.1	1332.8	812.8	90.0
47.5°	2450.1	2432.3	2323.6	2242.5	2054.6	1851.9	1799.5	1644.3	1434.7	939.3	115.7
50°	2676.6	2664.7	2600.4	2536.2	2349.3	2054.6	1992.3	1751.1	1548.4	1089.6	149.3
52.5°	2861.5	2859.5	2867.4	2868.4	2727.0	2395.8	2302.8	1923.1	1678.9	1237.9	196.8
55°	2857.5	2866.4	2953.4	3053.3	3064.1	2861.5	2771.5	2212.8	1849.0	1420.8	263.0
57.5°	2750.7	2743.8	2835.7	2986.0	3091.8	3113.6	3098.8	2662.7	2105.1	1641.3	364.9
58°	2716.1	2710.2	2797.2	2950.4	3072.1	3130.4	3115.6	2764.6	2162.4	1673.0	392.5
60°	2590.5	2591.5	2642.9	2782.4	2904.0	3042.4	3056.2	3055.3	2448.2	1884.6	531.9
62.5°	2424.4	2416.5	2464.0	2577.7	2684.5	2777.4	2801.1	3075.0	2866.4	2153.5	797.9
65°	2195.0	2183.2	2233.6	2362.1	2476.8	2537.1	2538.1	2810.0	3063.2	2442.2	1177.6
67.5°	1768.9	1759.0	1859.8	2025.0	2202.0	2281.1	2316.7	2438.3	2897.1	2638.0	1395.1
70°	1083.7	1104.4	1244.8	1503.9	1806.5	1951.8	2005.2	2042.8	2466.9	2608.3	1166.7
72.5°	500.3	475.6	595.2	776.2	1121.2	1444.6	1499.9	1647.3	1955.8	2264.2	870.1
75°	233.3	224.4	252.1	339.1	508.2	780.1	881.0	1315.0	1499.9	1575.1	627.9
77.5°	119.6	120.6	143.4	154.2	209.6	360.9	414.3	865.2	1099.5	879.0	421.2
80°	52.4	54.4	55.4	60.3	85.0	139.4	157.2	401.4	751.5	447.9	230.4
82.5°	33.6	34.6	34.6	34.6	40.5	55.4	63.3	161.2	374.7	222.5	71.2
85°	17.8	17.8	19.8	24.7	28.7	33.6	35.6	51.4	123.6	66.2	16.8
87.5°	9.9	10.9	11.9	14.8	18.8	22.7	24.7	35.6	47.5	45.5	4.0
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: P1047590

CATALOG NUMBER: GALN-SA1B-950-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
2.5°	25.7	24.7	23.7	22.7	21.8	20.8	20.8	20.8	20.8	20.8	20.8
5°	24.7	23.7	22.7	20.8	18.8	17.8	16.8	15.8	15.8	15.8	15.8
7.5°	24.7	23.7	20.8	18.8	16.8	14.8	12.9	12.9	12.9	12.9	12.9
10°	24.7	22.7	19.8	16.8	13.8	11.9	10.9	9.9	9.9	9.9	9.9
12.5°	24.7	21.8	18.8	14.8	11.9	9.9	8.9	7.9	7.9	7.9	7.9
15°	24.7	21.8	17.8	13.8	10.9	7.9	6.9	5.9	5.9	5.9	5.9
17.5°	23.7	20.8	16.8	11.9	8.9	5.9	4.9	4.0	4.0	4.9	4.9
20°	22.7	19.8	14.8	9.9	6.9	4.9	3.0	3.0	3.0	3.0	3.0
22.5°	22.7	19.8	13.8	8.9	5.9	3.0	2.0	2.0	2.0	2.0	3.0
25°	22.7	18.8	11.9	6.9	4.0	2.0	1.0	1.0	1.0	1.0	1.0
27.5°	22.7	18.8	10.9	5.9	3.0	2.0	1.0	0.0	0.0	0.0	0.0
30°	21.8	17.8	9.9	4.9	2.0	1.0	0.0	0.0	0.0	0.0	0.0
32.5°	21.8	16.8	7.9	4.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0
35°	22.7	15.8	6.9	3.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0
37.5°	23.7	14.8	5.9	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	24.7	13.8	5.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	26.7	13.8	4.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	28.7	13.8	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	32.6	14.8	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	35.6	15.8	3.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	39.6	14.8	3.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	44.5	14.8	3.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	48.4	13.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	50.4	12.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	60.3	11.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	93.9	9.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	190.8	8.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	356.0	7.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	398.5	8.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	251.1	6.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	132.5	6.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	66.2	6.9	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	30.7	4.9	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	12.9	3.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.9	3.0	2.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	3.0	3.0	2.0	2.0	1.0	1.0	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: SP1-2407-184-17

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-950-U-5WQ

Data in this report applies to families of products including GSS-SB1A-950-U-5WQ

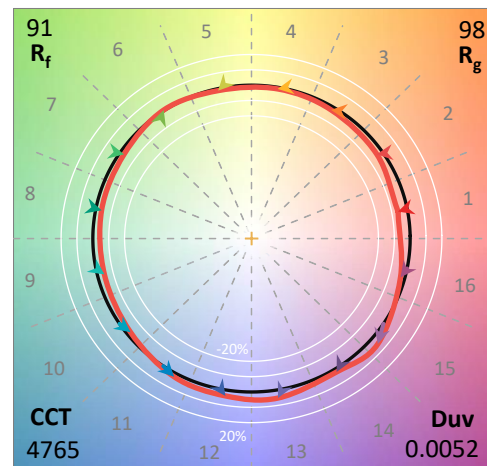
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-17
 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-950-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4765
 CIE u' : 0.2105
 CIE v' : 0.4941
 Duv: 0.0052
 CIE x: 0.3536
 CIE y: 0.3689
 CIE z: 0.2775
 Peak Wavelength (nm): 449
 Dominant Wavelength (nm): 571
 Purity: 16.80041
 R_f: 90.7
 R_g: 98

CRI (Ra): 90.8
 R1: 89.8
 R2: 93.1
 R3: 95.3
 R4: 90.3
 R5: 89.0
 R6: 89.7
 R7: 94.9
 R8: 84.0
 R9: 54.9
 R10: 83.0
 R11: 89.6
 R12: 68.0
 R13: 90.6
 R14: 97.3
 R15: 86.2



Test Conditions

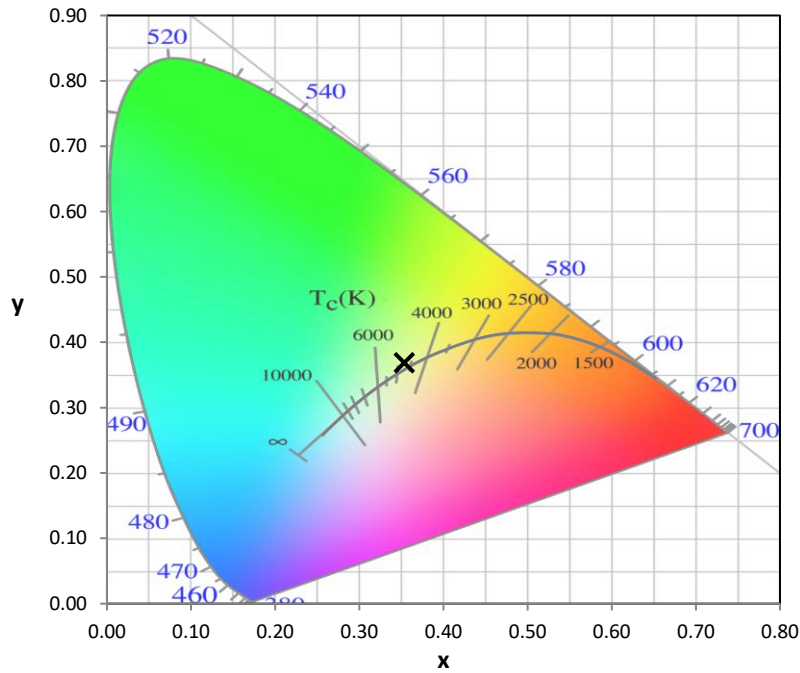
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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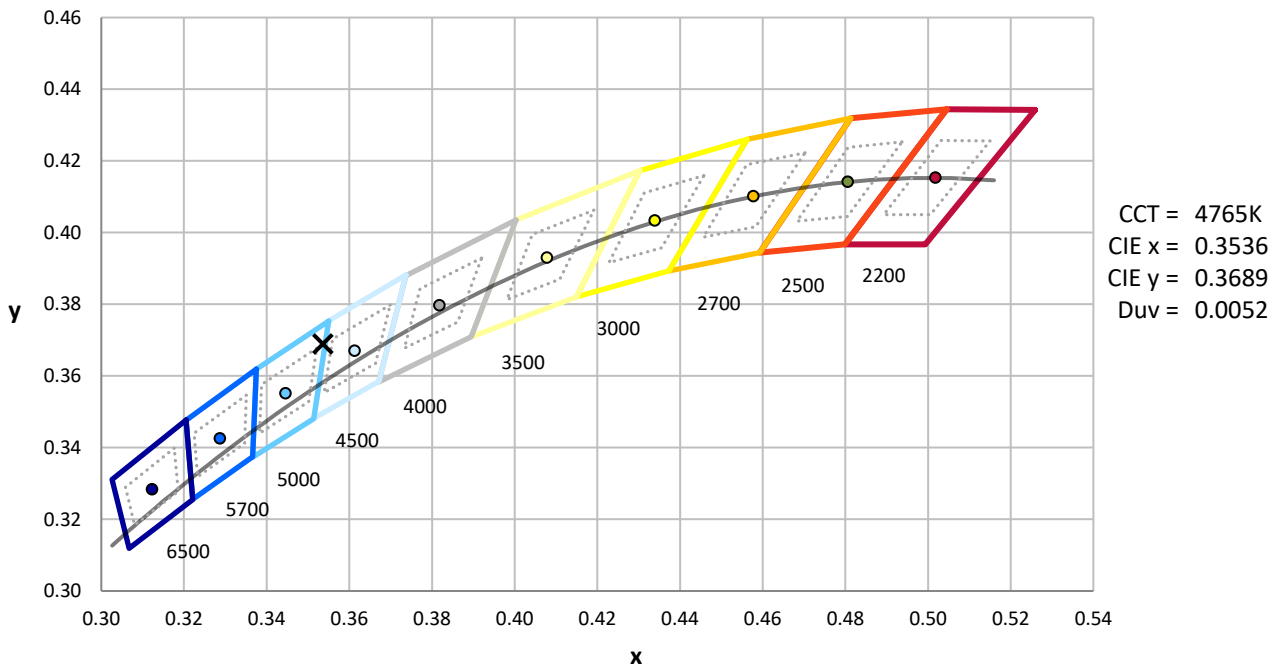
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



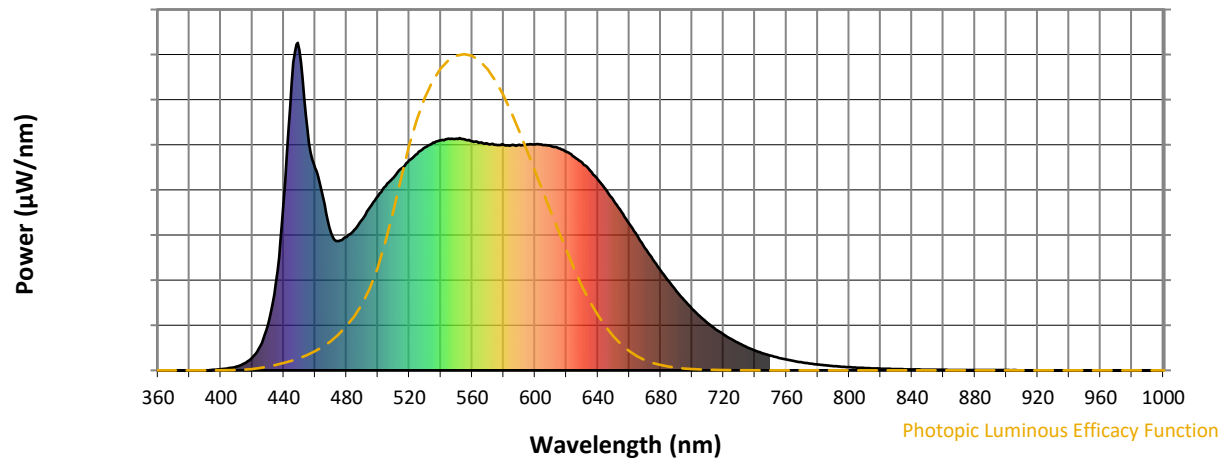
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

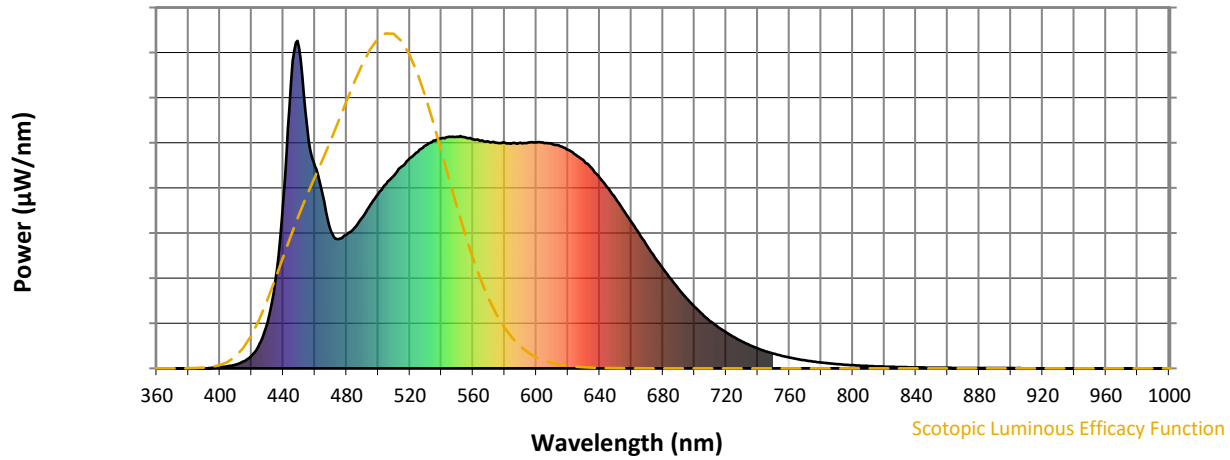


Photopic Lumens: NR

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



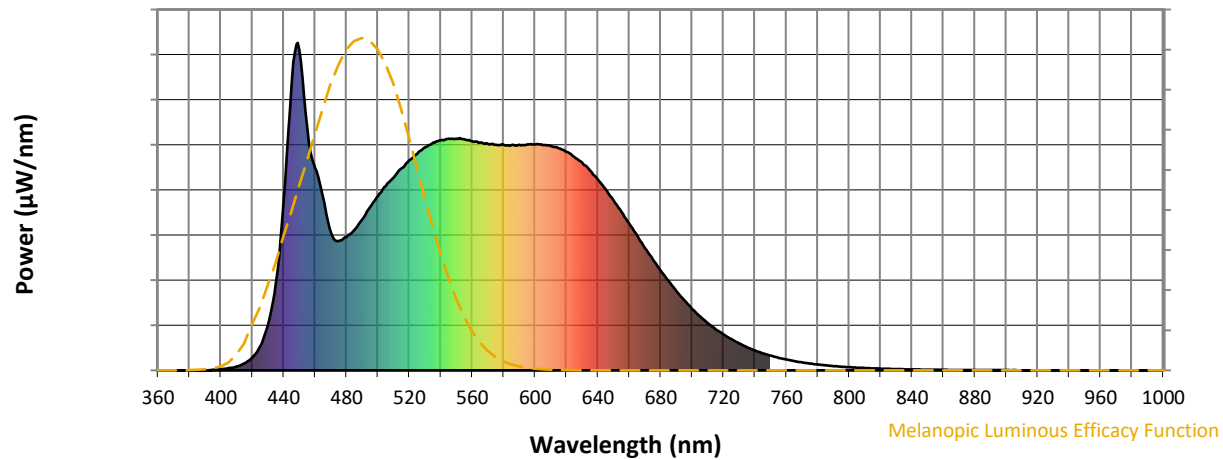
Scotopic Lumens: NR

S/P: 1.99

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 4.22

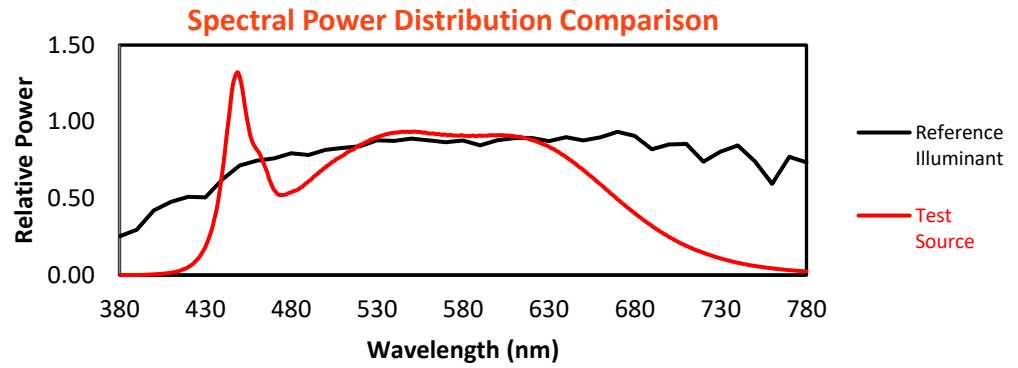
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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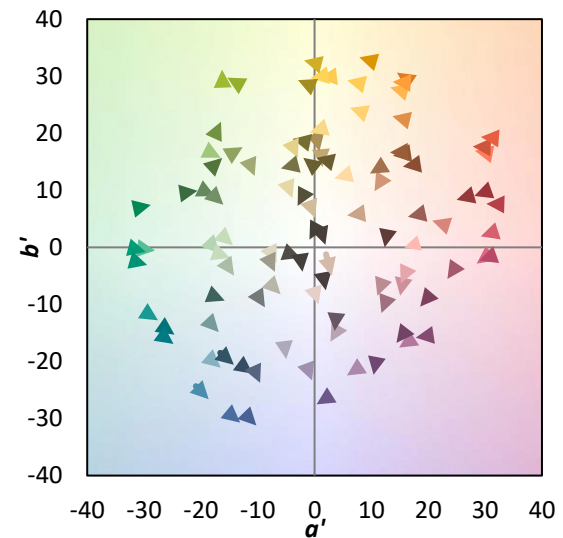
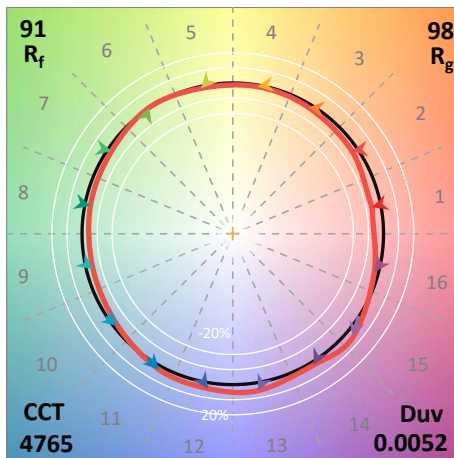
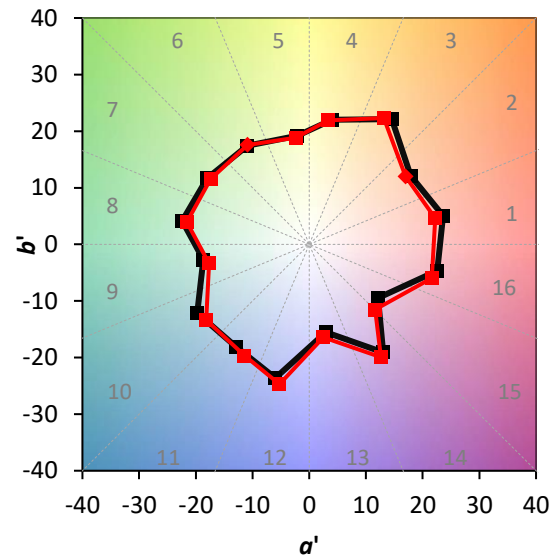
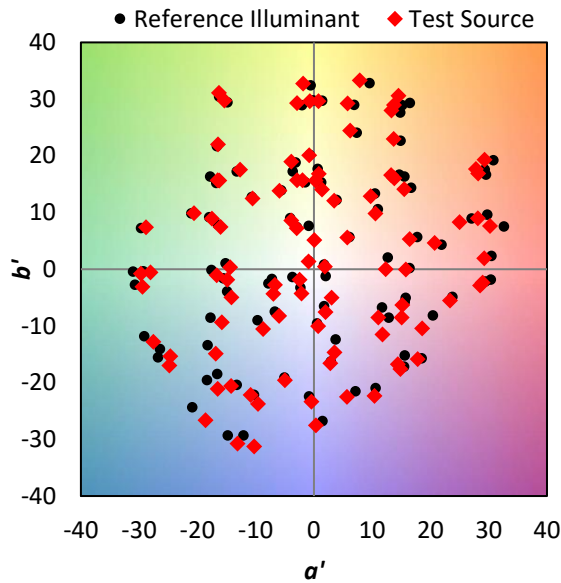
TM-30-18

Summary

$R_f = 90.7$
 $R_g = 98$
 CIE $R_a = 90.8$
 $R_9 = 54.9$

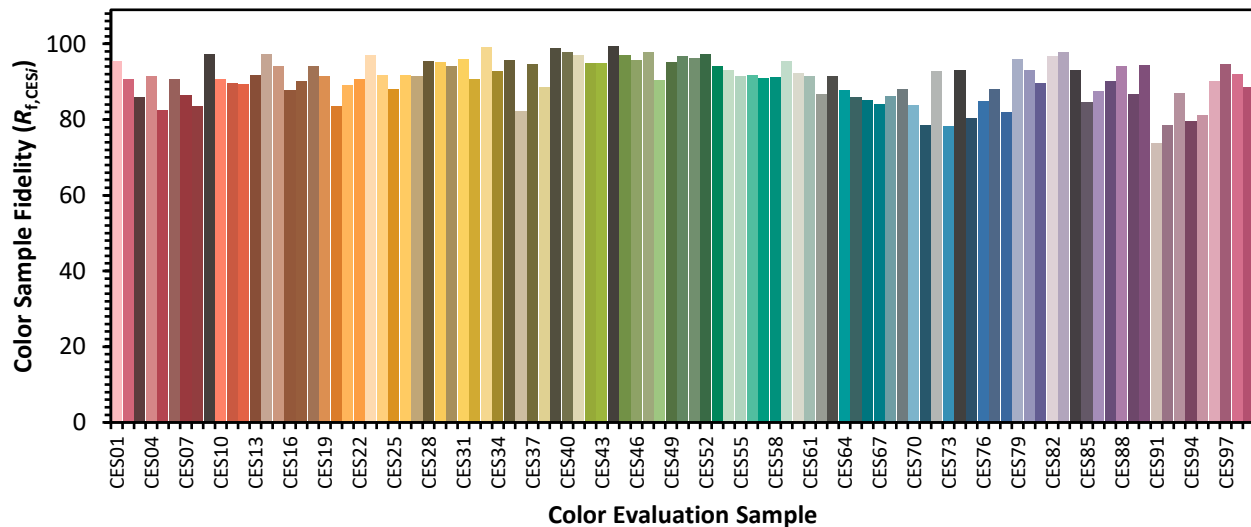


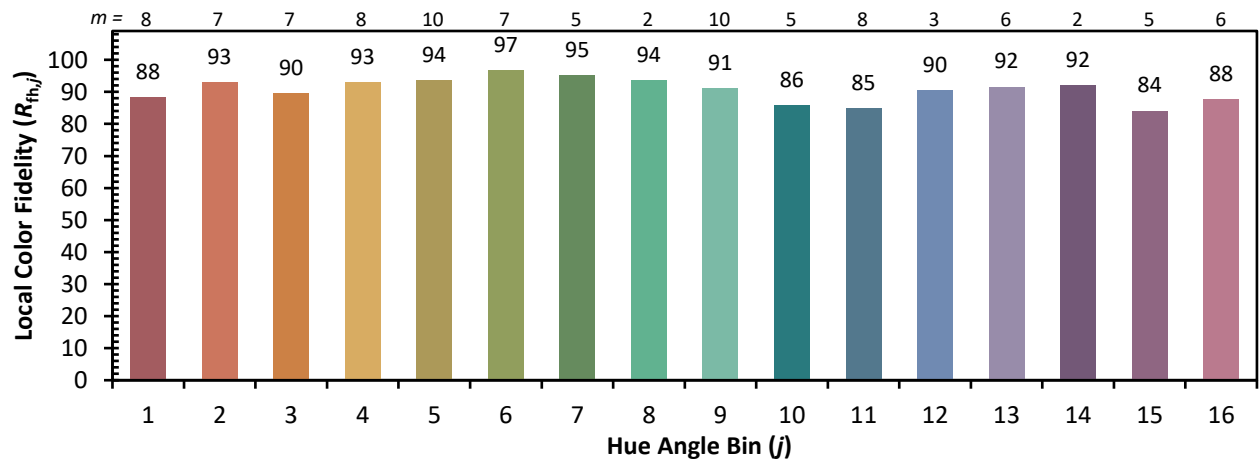
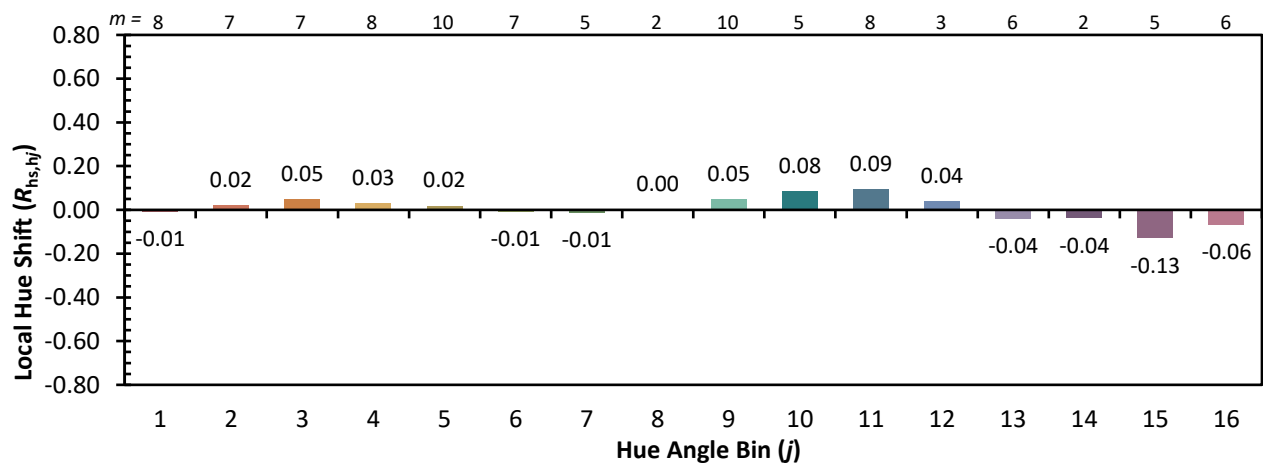
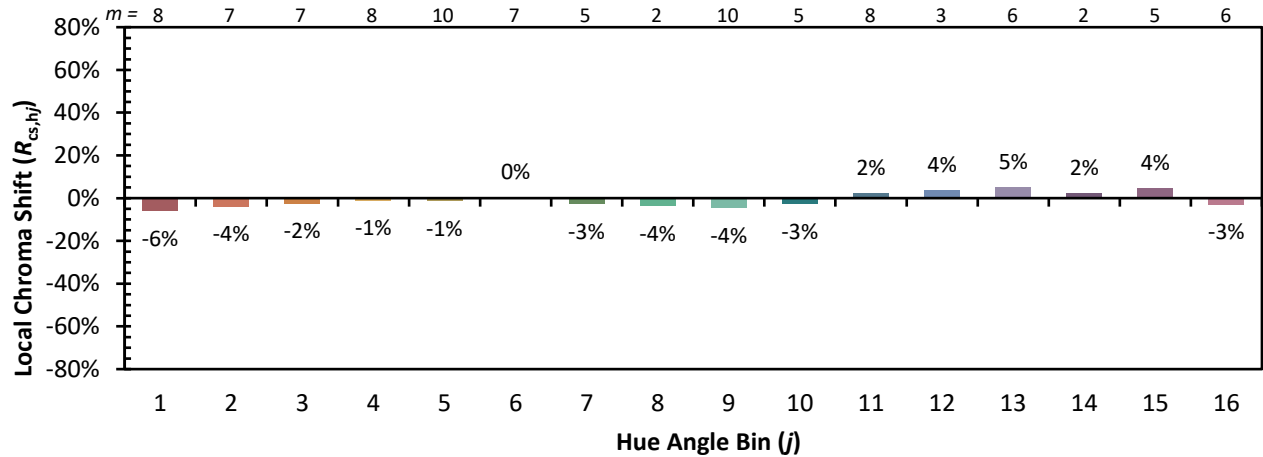
Color Vector Graphics



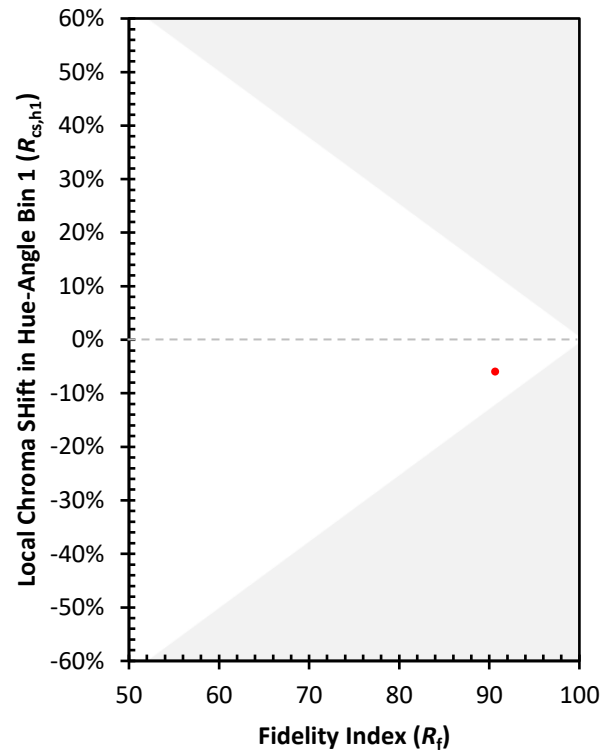
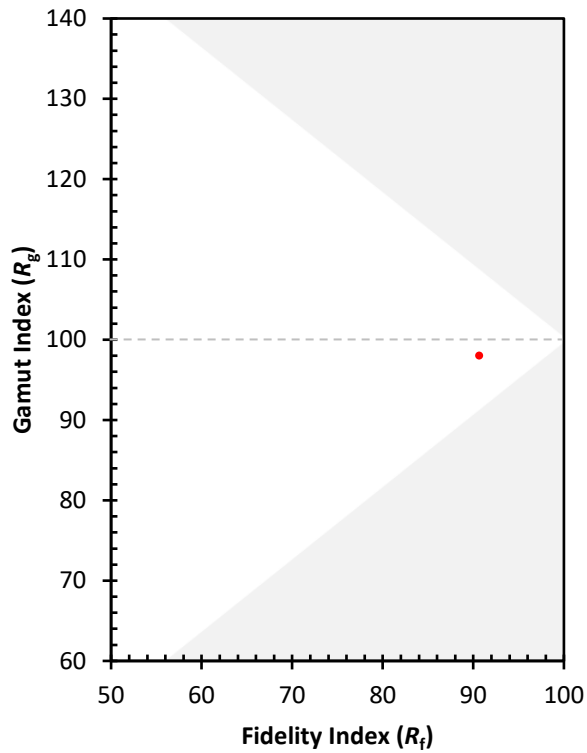
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 97
CES08 = 40	CES33 = 99	CES58 = 91	CES83 = 98
CES09 = 29	CES34 = 93	CES59 = 95	CES84 = 93
CES10 = 73	CES35 = 96	CES60 = 92	CES85 = 85
CES11 = 56	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 62	CES37 = 95	CES62 = 87	CES87 = 90
CES13 = 42	CES38 = 89	CES63 = 91	CES88 = 94
CES14 = 74	CES39 = 99	CES64 = 88	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 86	CES90 = 94
CES16 = 46	CES41 = 97	CES66 = 85	CES91 = 74
CES17 = 48	CES42 = 95	CES67 = 84	CES92 = 78
CES18 = 56	CES43 = 95	CES68 = 86	CES93 = 87
CES19 = 70	CES44 = 100	CES69 = 88	CES94 = 80
CES20 = 65	CES45 = 97	CES70 = 84	CES95 = 81
CES21 = 85	CES46 = 96	CES71 = 79	CES96 = 90
CES22 = 77	CES47 = 98	CES72 = 93	CES97 = 95
CES23 = 91	CES48 = 90	CES73 = 78	CES98 = 92
CES24 = 90	CES49 = 95	CES74 = 93	CES99 = 88
CES25 = 70	CES50 = 97	CES75 = 80	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)