

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: P1047482

Luminaire Tested: **GALN-SA1B-930-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047482
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1B-930-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3303.5 lumens
Efficiency: N/A
Efficacy: 85.4 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

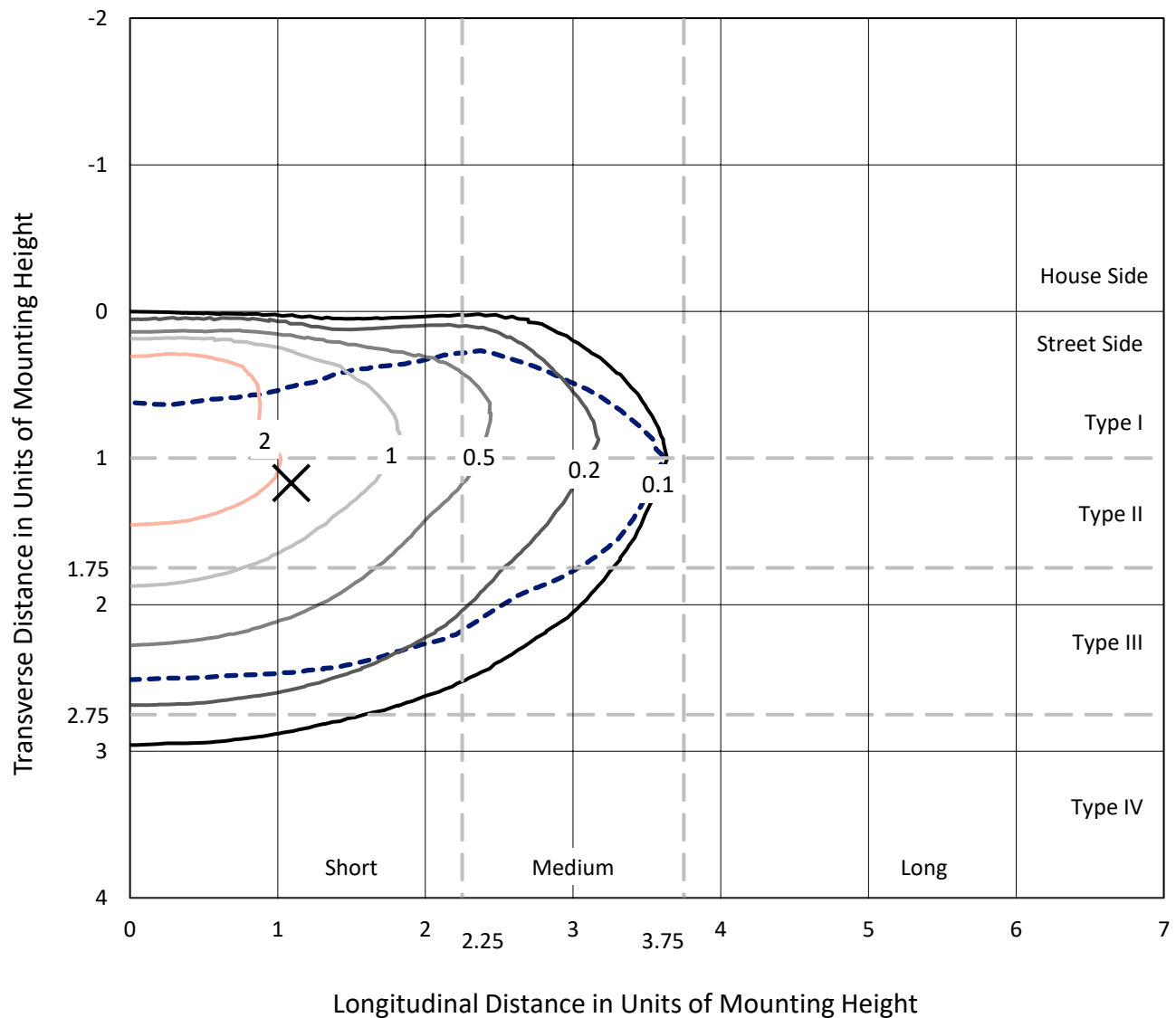


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

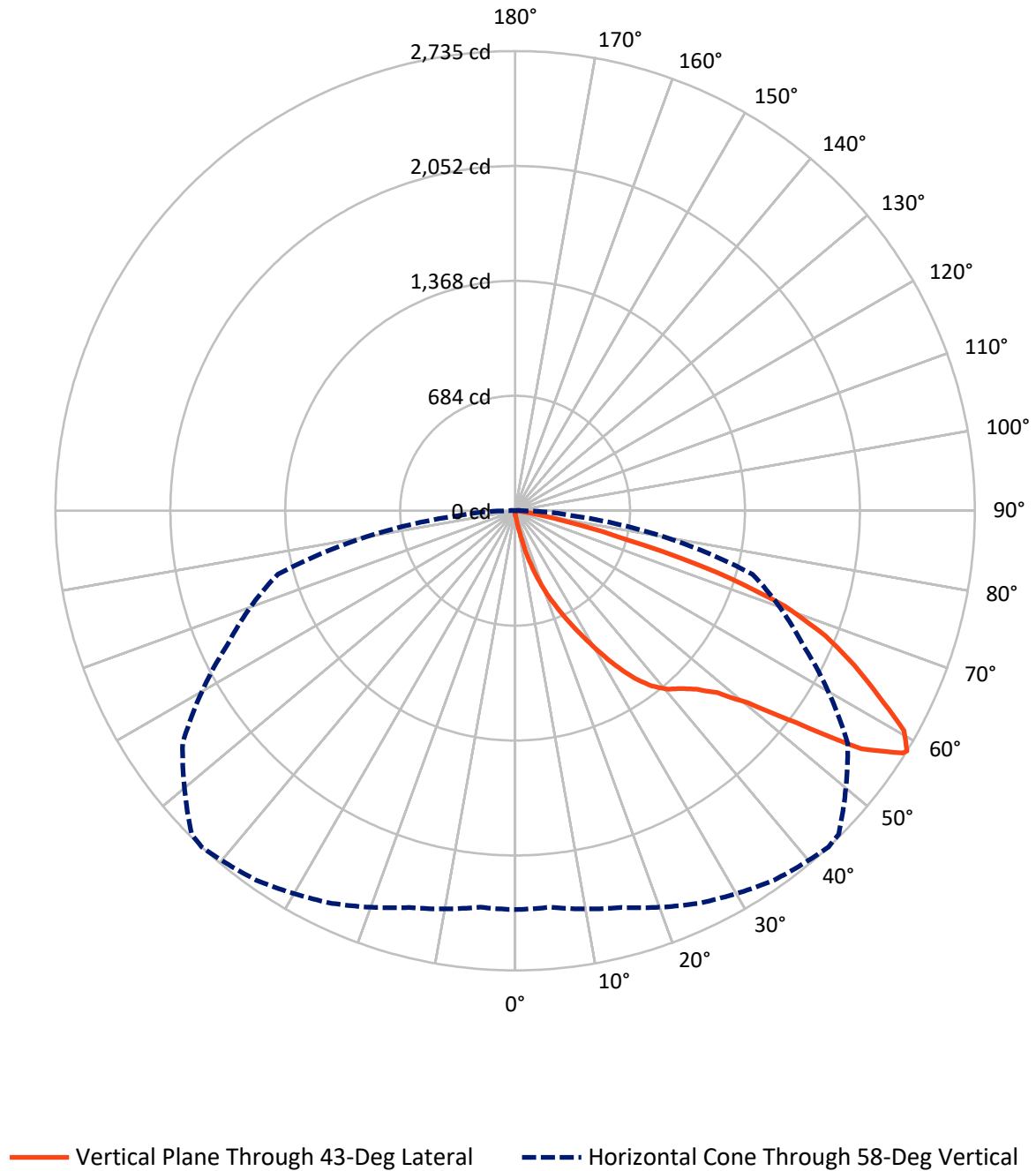


Based on 15 foot mounting height. Maximum calculated value = 3.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12.1	0.0	12.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3291.4	0.0	3291.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	3303.5	0.0	3303.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.2	0.1
10°-20°	38.0	1.1
20°-30°	136.9	4.1
30°-40°	313.1	9.5
40°-50°	528.2	16.0
50°-60°	871.6	26.4
60°-70°	974.1	29.5
70°-80°	402.2	12.2
80°-90°	36.3	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°	3303.5	100.0
0°-180°	3303.5	100.0



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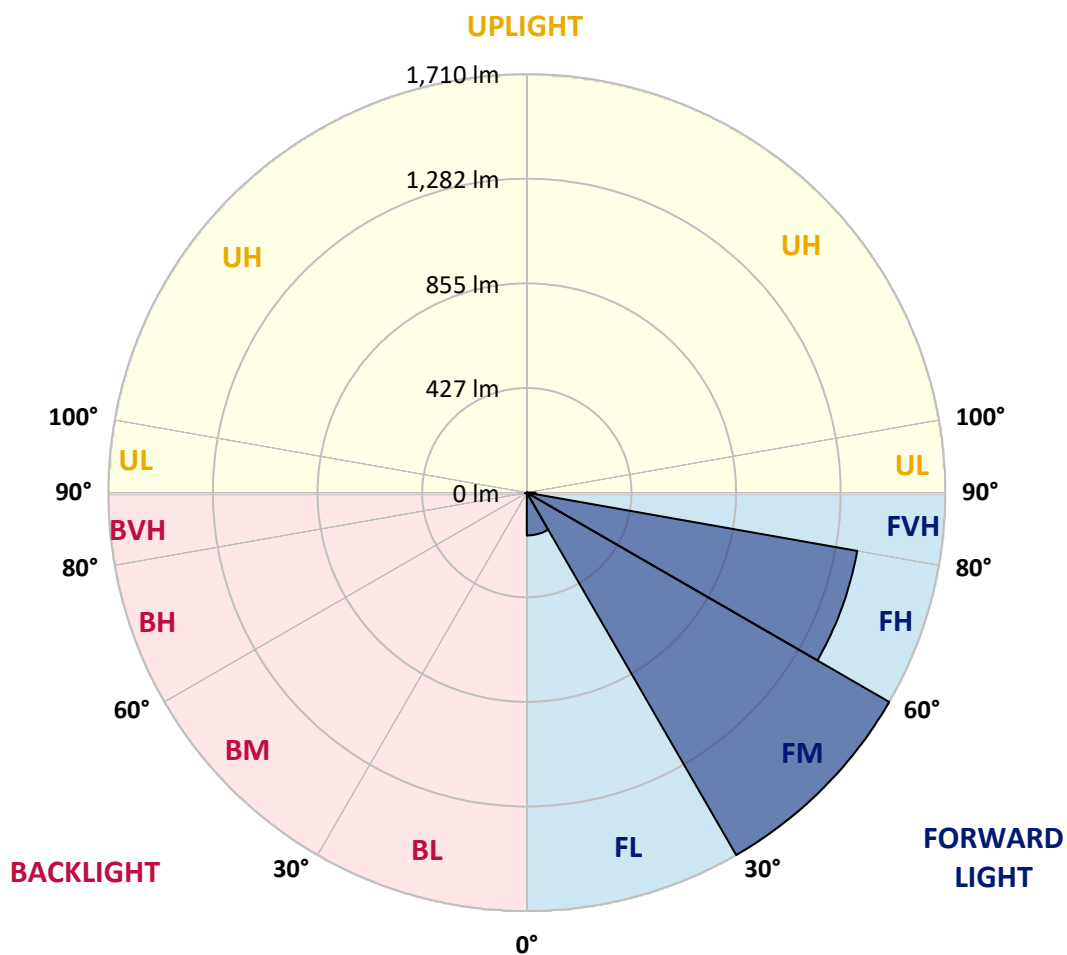
CATALOG NUMBER: GALN-SA1B-930-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	174.9	5.3			
FM	(30°-60°)	1710.0	51.8			
FH	(60°-80°)	1370.8	41.5			G1/1800
FVH	(80°-90°)	35.8	1.1			G1/100
BL	(0°-30°)	3.1	0.1	B0/110		
BM	(30°-60°)	2.9	0.1	B0/220		
BH	(60°-80°)	5.5	0.2	B0/110		G0/110
BVH	(80°-90°)	0.5	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-930-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
2.5°	25.9	26.8	25.9	25.9	25.9	25.1	25.1	24.2	24.2	23.3	22.5
5°	38.0	38.0	35.4	33.7	32.0	31.1	30.2	28.5	26.8	25.1	23.3
7.5°	84.7	84.7	76.9	66.5	52.7	44.9	43.2	35.4	30.2	26.8	23.3
10°	202.2	202.2	184.9	156.4	121.0	89.9	80.4	51.0	36.3	28.5	24.2
12.5°	336.1	340.4	318.8	282.5	229.8	175.4	156.4	93.3	48.4	31.1	24.2
15°	456.2	445.8	439.8	405.2	355.1	290.3	266.1	157.2	70.0	35.4	24.2
17.5°	537.4	537.4	528.8	505.4	459.6	402.6	382.7	254.0	113.2	40.6	25.1
20°	632.4	632.4	616.9	600.5	559.9	511.5	492.5	361.1	175.4	51.8	25.1
22.5°	747.3	749.1	731.8	702.4	663.5	610.0	593.6	460.5	254.0	69.1	25.9
25°	887.3	889.0	864.0	836.3	776.7	718.8	693.8	574.6	349.9	96.8	25.9
27.5°	1042.0	1054.1	1016.9	969.4	906.3	833.7	814.7	677.4	445.0	136.5	27.6
30°	1234.6	1234.6	1185.4	1118.9	1050.6	960.8	936.6	785.4	546.0	189.2	29.4
32.5°	1400.5	1387.6	1324.5	1254.5	1181.9	1098.1	1072.2	898.5	649.7	254.9	32.8
35°	1527.5	1516.3	1438.5	1363.4	1300.3	1223.4	1192.3	1021.2	759.4	329.2	38.0
37.5°	1636.4	1632.1	1526.7	1432.5	1391.0	1323.6	1296.0	1137.0	867.4	409.5	44.1
40°	1755.6	1741.8	1629.5	1512.8	1450.6	1396.2	1371.1	1230.3	971.1	503.7	52.7
42.5°	1857.6	1841.2	1740.1	1626.0	1519.8	1446.3	1422.1	1308.9	1072.2	597.9	63.9
45°	1970.8	1962.1	1860.2	1773.8	1632.1	1514.6	1482.6	1372.0	1164.7	710.2	78.6
47.5°	2141.0	2125.4	2030.4	1959.5	1795.4	1618.2	1572.5	1436.8	1253.6	820.8	101.1
50°	2338.8	2328.4	2272.3	2216.1	2052.8	1795.4	1740.9	1530.1	1353.0	952.1	130.5
52.5°	2500.4	2498.7	2505.6	2506.4	2382.9	2093.4	2012.2	1680.5	1467.1	1081.7	171.9
55°	2496.9	2504.7	2580.7	2668.0	2677.5	2500.4	2421.8	1933.6	1615.7	1241.6	229.8
57.5°	2403.6	2397.6	2477.9	2609.2	2701.7	2720.7	2707.7	2326.7	1839.4	1434.2	318.8
58°	2373.4	2368.2	2444.2	2578.1	2684.4	2735.4	2722.4	2415.7	1889.5	1461.9	343.0
60°	2263.6	2264.5	2309.4	2431.3	2537.5	2658.5	2670.6	2669.7	2139.2	1646.8	464.8
62.5°	2118.5	2111.6	2153.1	2252.4	2345.7	2426.9	2447.7	2687.0	2504.7	1881.8	697.2
65°	1918.1	1907.7	1951.7	2064.1	2164.3	2217.0	2217.9	2455.5	2676.6	2134.1	1029.0
67.5°	1545.7	1537.0	1625.2	1769.4	1924.1	1993.2	2024.3	2130.6	2531.5	2305.1	1219.1
70°	946.9	965.1	1087.8	1314.1	1578.5	1705.5	1752.2	1785.0	2155.6	2279.2	1019.5
72.5°	437.2	415.6	520.1	678.2	979.8	1262.3	1310.7	1439.4	1709.0	1978.5	760.3
75°	203.9	196.1	220.3	296.3	444.1	681.7	769.8	1149.1	1310.7	1376.3	548.6
77.5°	104.5	105.4	125.3	134.8	183.2	315.4	362.0	756.0	960.8	768.1	368.1
80°	45.8	47.5	48.4	52.7	74.3	121.8	137.4	350.8	656.6	391.4	201.3
82.5°	29.4	30.2	30.2	30.2	35.4	48.4	55.3	140.8	327.5	194.4	62.2
85°	15.6	15.6	17.3	21.6	25.1	29.4	31.1	44.9	108.0	57.9	14.7
87.5°	8.6	9.5	10.4	13.0	16.4	19.9	21.6	31.1	41.5	39.7	3.5
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: P1047482

CATALOG NUMBER: GALN-SA1B-930-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
2.5°	22.5	21.6	20.7	19.9	19.0	18.1	18.1	18.1	18.1	18.1	18.1
5°	21.6	20.7	19.9	18.1	16.4	15.6	14.7	13.8	13.8	13.8	13.8
7.5°	21.6	20.7	18.1	16.4	14.7	13.0	11.2	11.2	11.2	11.2	11.2
10°	21.6	19.9	17.3	14.7	12.1	10.4	9.5	8.6	8.6	8.6	8.6
12.5°	21.6	19.0	16.4	13.0	10.4	8.6	7.8	6.9	6.9	6.9	6.9
15°	21.6	19.0	15.6	12.1	9.5	6.9	6.0	5.2	5.2	5.2	5.2
17.5°	20.7	18.1	14.7	10.4	7.8	5.2	4.3	3.5	3.5	4.3	4.3
20°	19.9	17.3	13.0	8.6	6.0	4.3	2.6	2.6	2.6	2.6	2.6
22.5°	19.9	17.3	12.1	7.8	5.2	2.6	1.7	1.7	1.7	1.7	2.6
25°	19.9	16.4	10.4	6.0	3.5	1.7	0.9	0.9	0.9	0.9	0.9
27.5°	19.9	16.4	9.5	5.2	2.6	1.7	0.9	0.0	0.0	0.0	0.0
30°	19.0	15.6	8.6	4.3	1.7	0.9	0.0	0.0	0.0	0.0	0.0
32.5°	19.0	14.7	6.9	3.5	1.7	0.9	0.0	0.0	0.0	0.0	0.0
35°	19.9	13.8	6.0	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.9
37.5°	20.7	13.0	5.2	1.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	21.6	12.1	5.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	23.3	12.1	4.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	25.1	12.1	3.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	28.5	13.0	3.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	31.1	13.8	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	34.6	13.0	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	38.9	13.0	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	42.3	12.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	44.1	11.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	52.7	10.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	82.1	8.6	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	166.7	7.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	311.0	6.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	348.2	7.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	219.5	6.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	115.8	6.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	57.9	6.0	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	26.8	4.3	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	11.2	2.6	1.7	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.2	2.6	1.7	1.7	0.9	0.9	0.0	0.0	0.0	0.0	0.0
87.5°	2.6	2.6	2.6	1.7	1.7	0.9	0.9	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: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

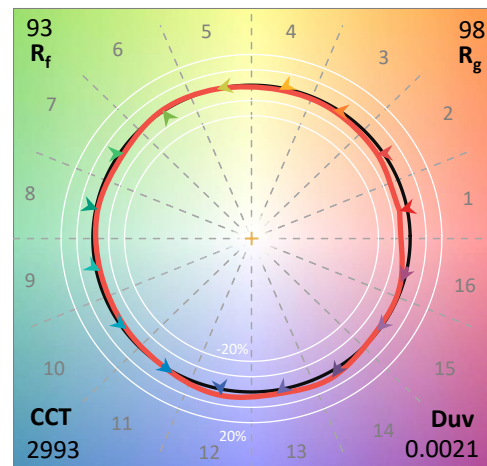
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-14
 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-930-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2993
 CIE u' : 0.2501
 CIE v' : 0.5245
 Duv: 0.0021
 CIE x: 0.4406
 CIE y: 0.4107
 CIE z: 0.1487
 Peak Wavelength (nm): 621
 Dominant Wavelength (nm): 582
 Purity: 55.53327
 R_f: 92.6
 R_g: 98.5

CRI (Ra): 92.4
 R1: 92.2
 R2: 95.2
 R3: 97.0
 R4: 93.1
 R5: 91.7
 R6: 94.2
 R7: 93.3
 R8: 82.3
 R9: 58.2
 R10: 87.7
 R11: 93.5
 R12: 81.7
 R13: 92.9
 R14: 97.6
 R15: 88.1



Test Conditions

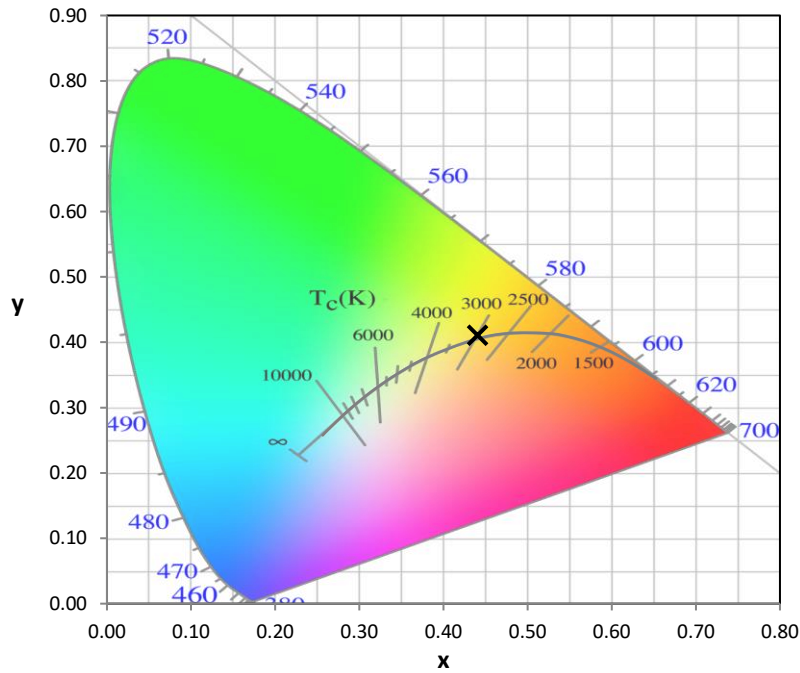
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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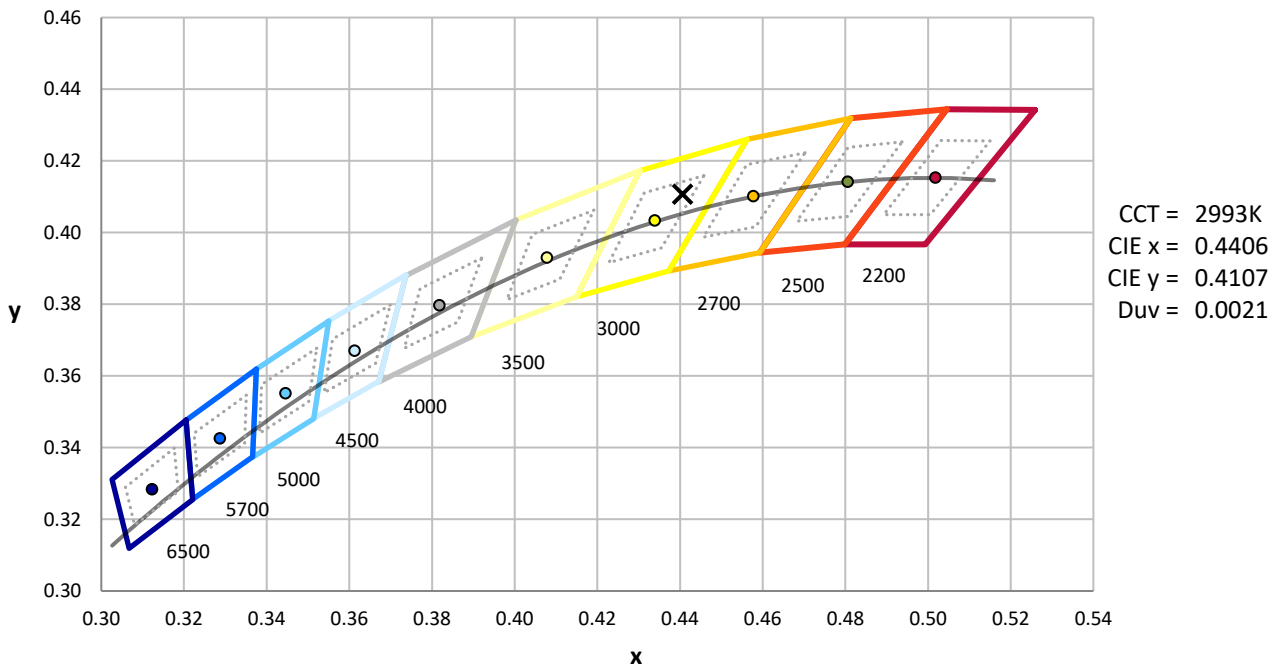
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



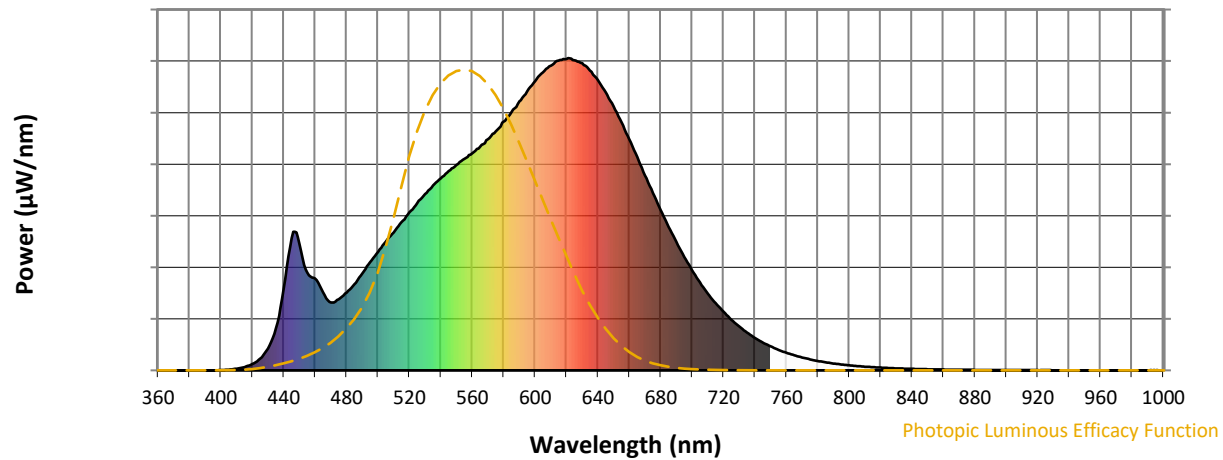
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

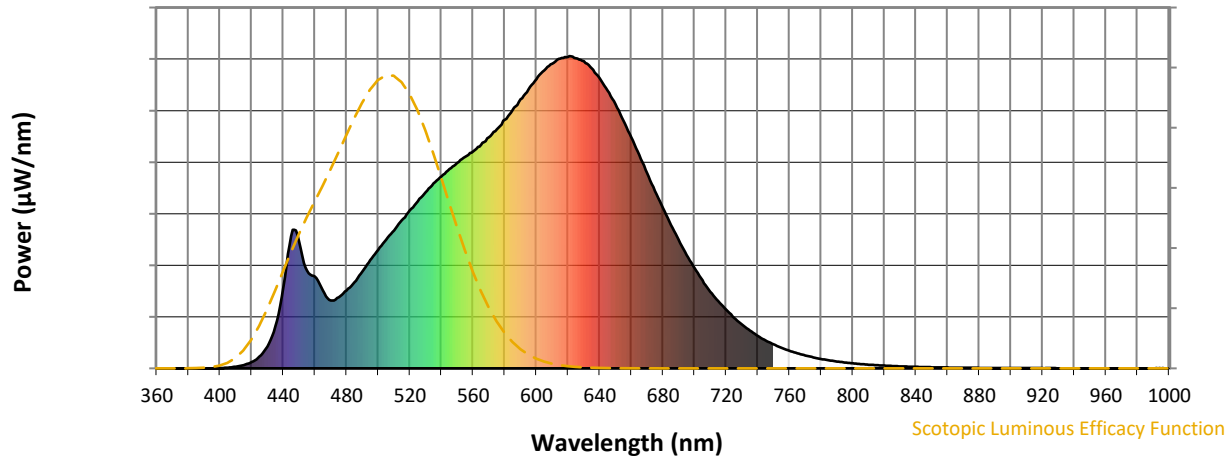


Photopic Lumens: NR

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



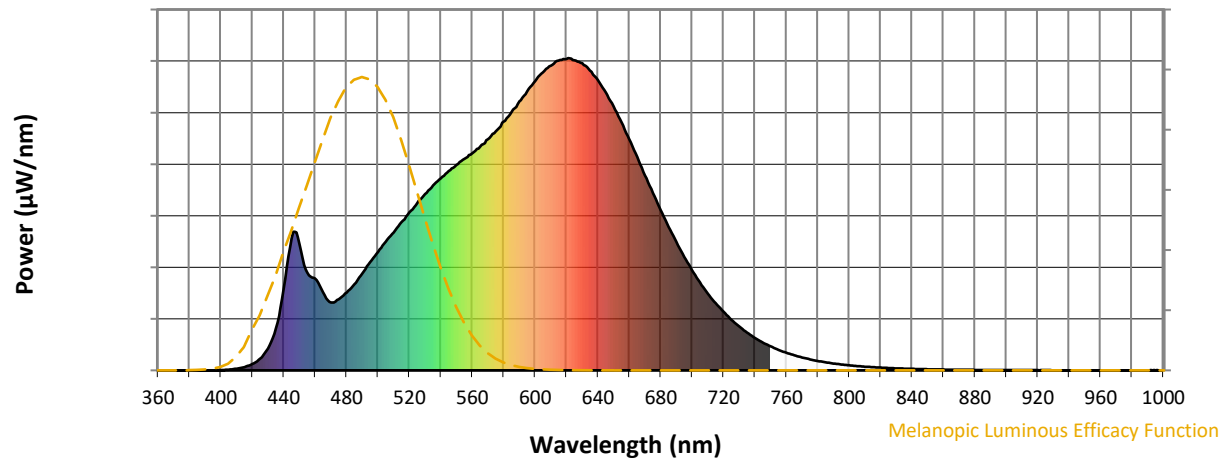
Scotopic Lumens: NR

S/P: 1.39

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.69

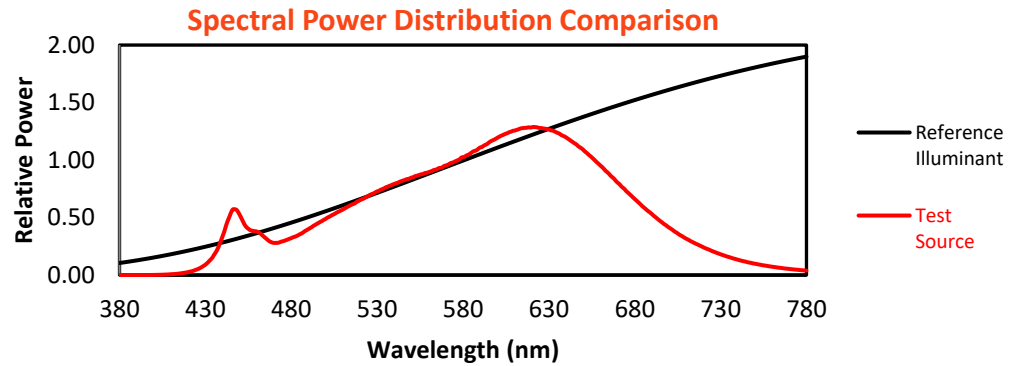
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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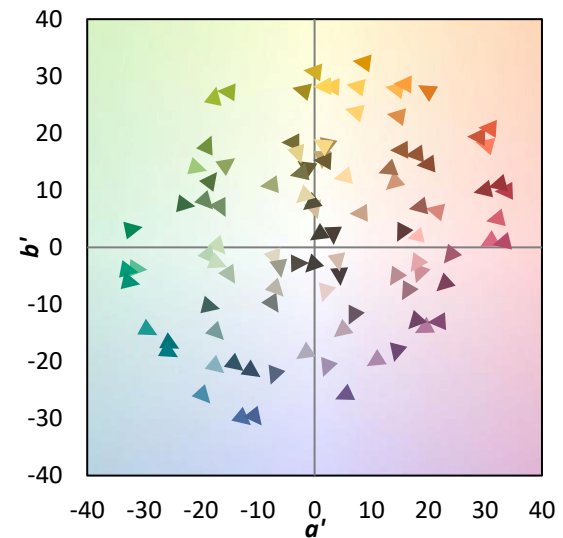
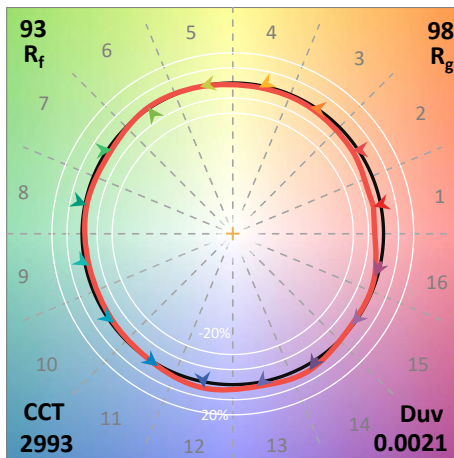
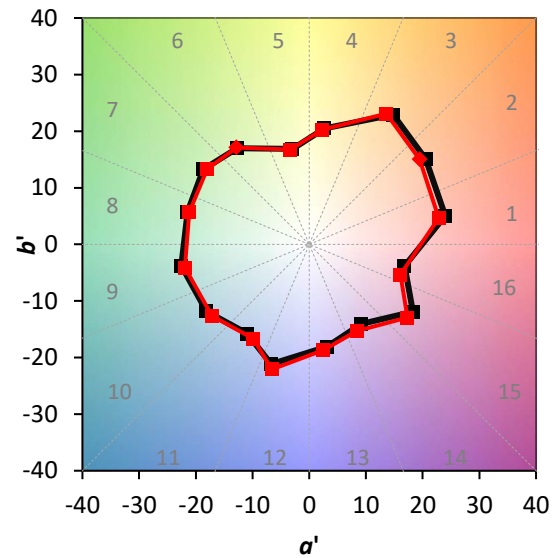
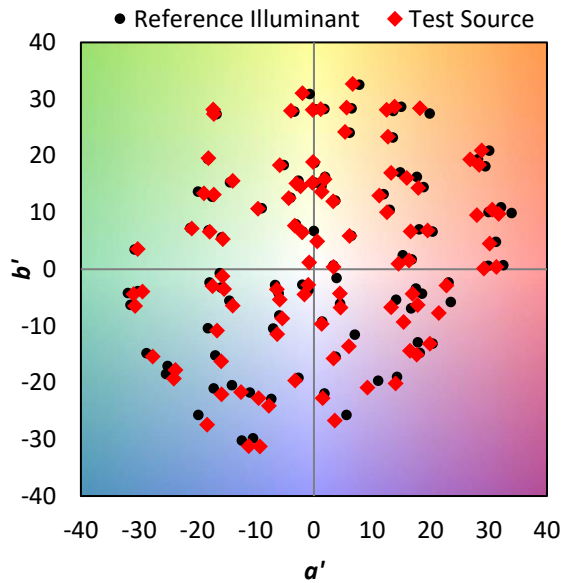
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $CIE R_a = 92.4$
 $R_9 = 58.2$

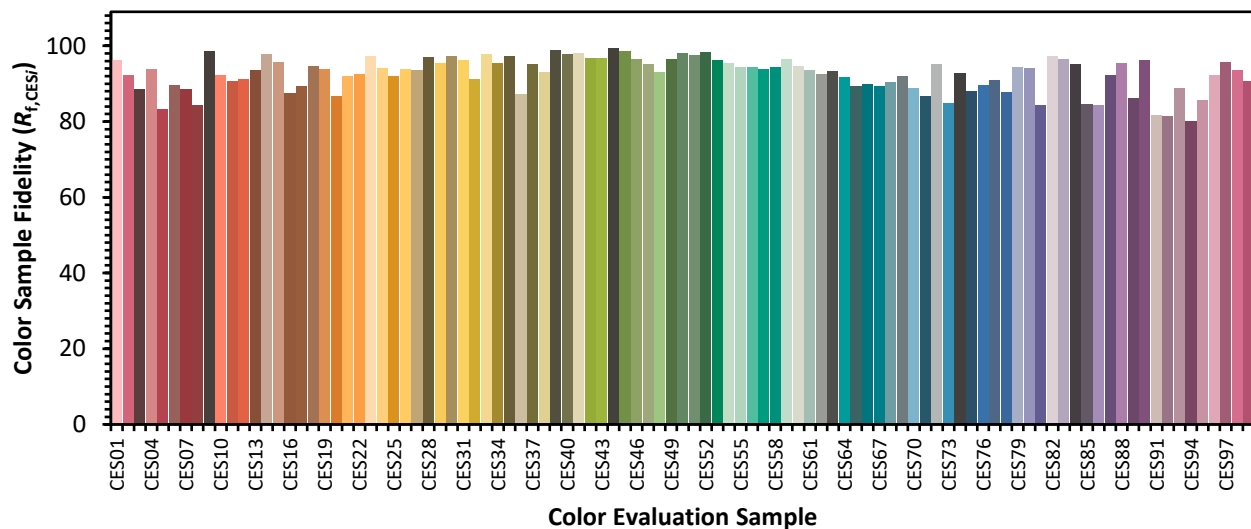


Color Vector Graphics

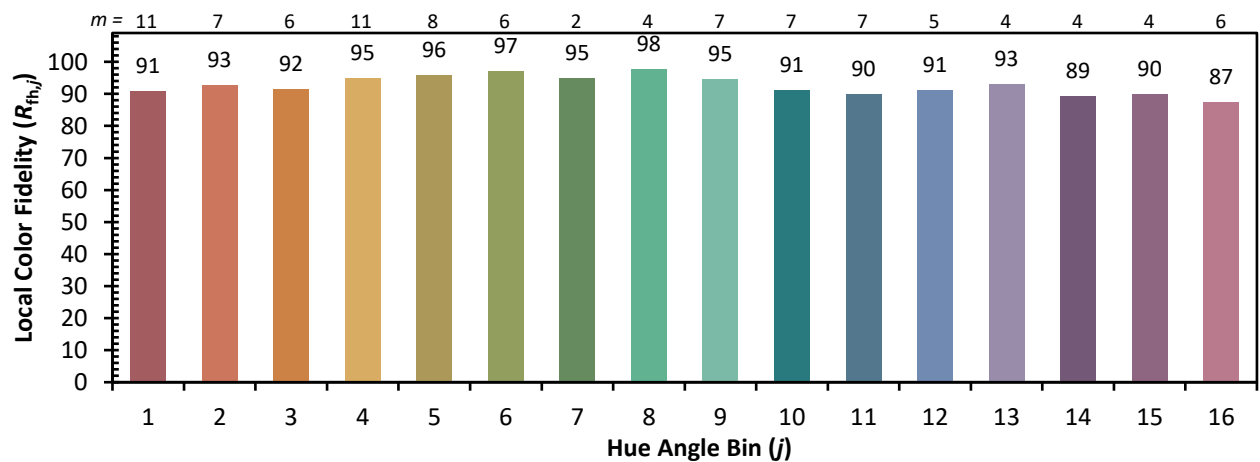
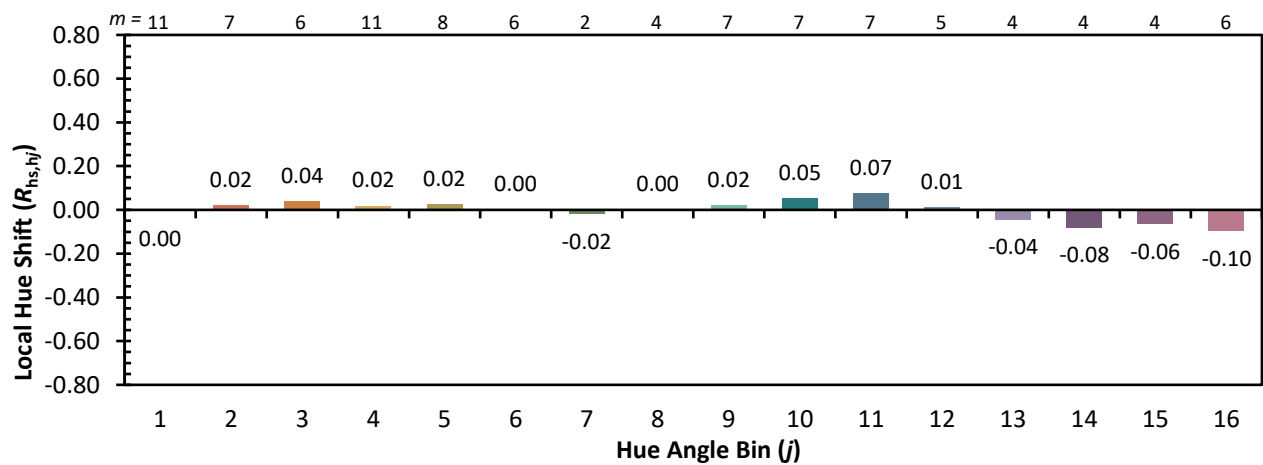
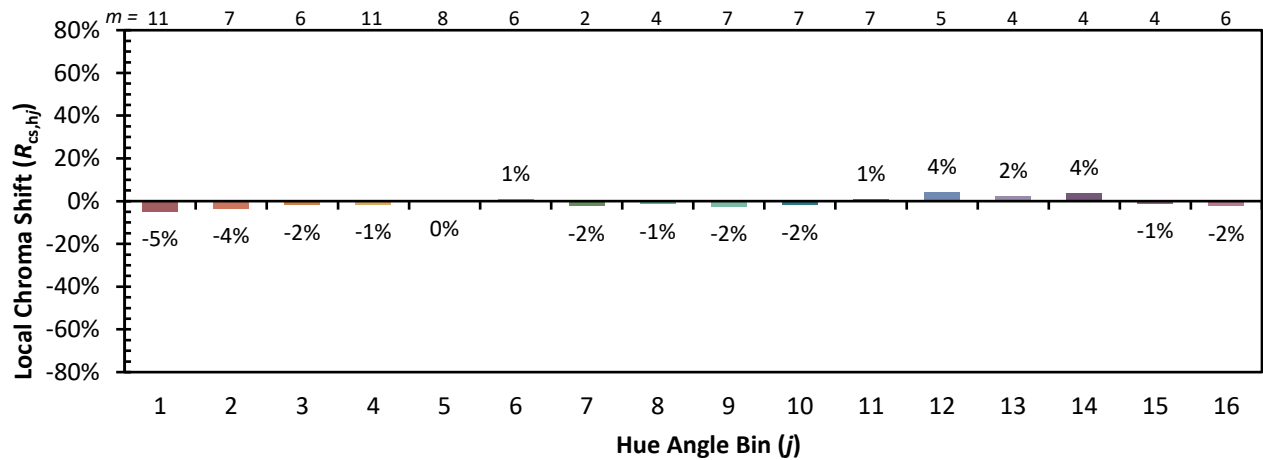


Individual Sample Fidelity Index ($R_{f,i}$)

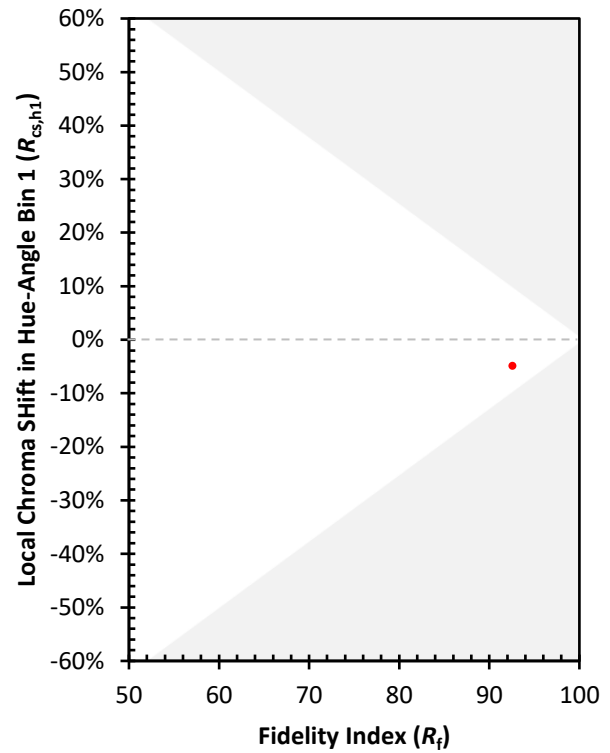
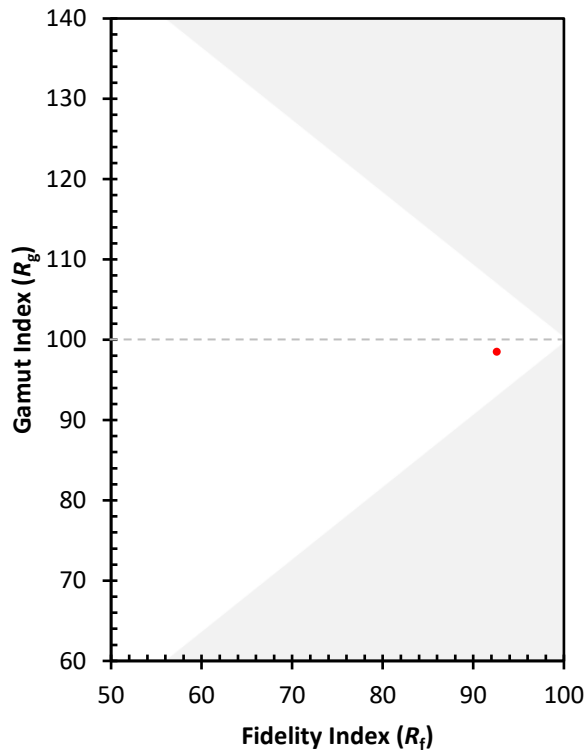
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CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)