

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: P1048117

Luminaire Tested: **GALN-SA7A-930-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048117
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7A-930-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (98) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17166.8 lumens
Efficiency: N/A
Efficacy: 88.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 193.1
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

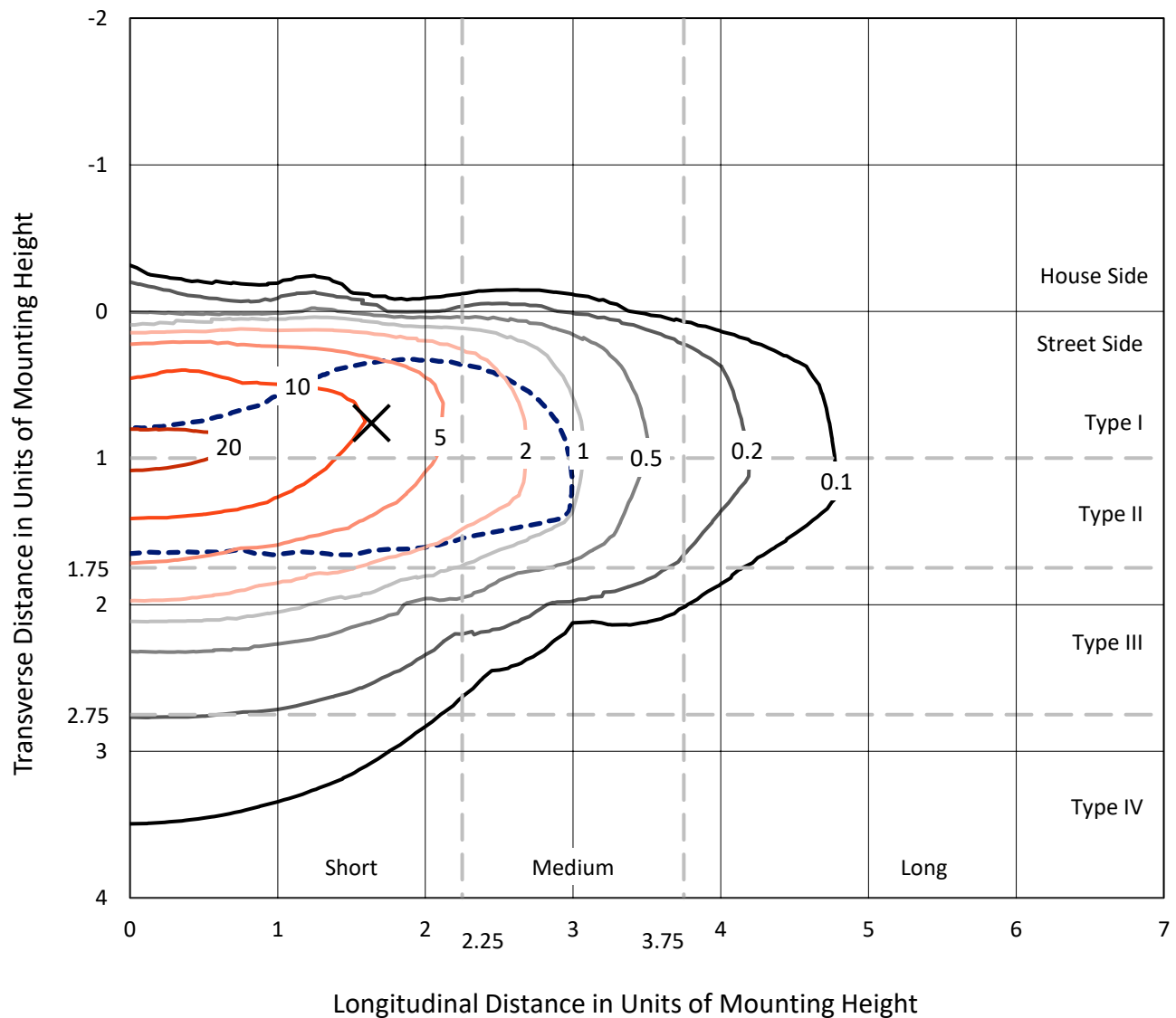


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

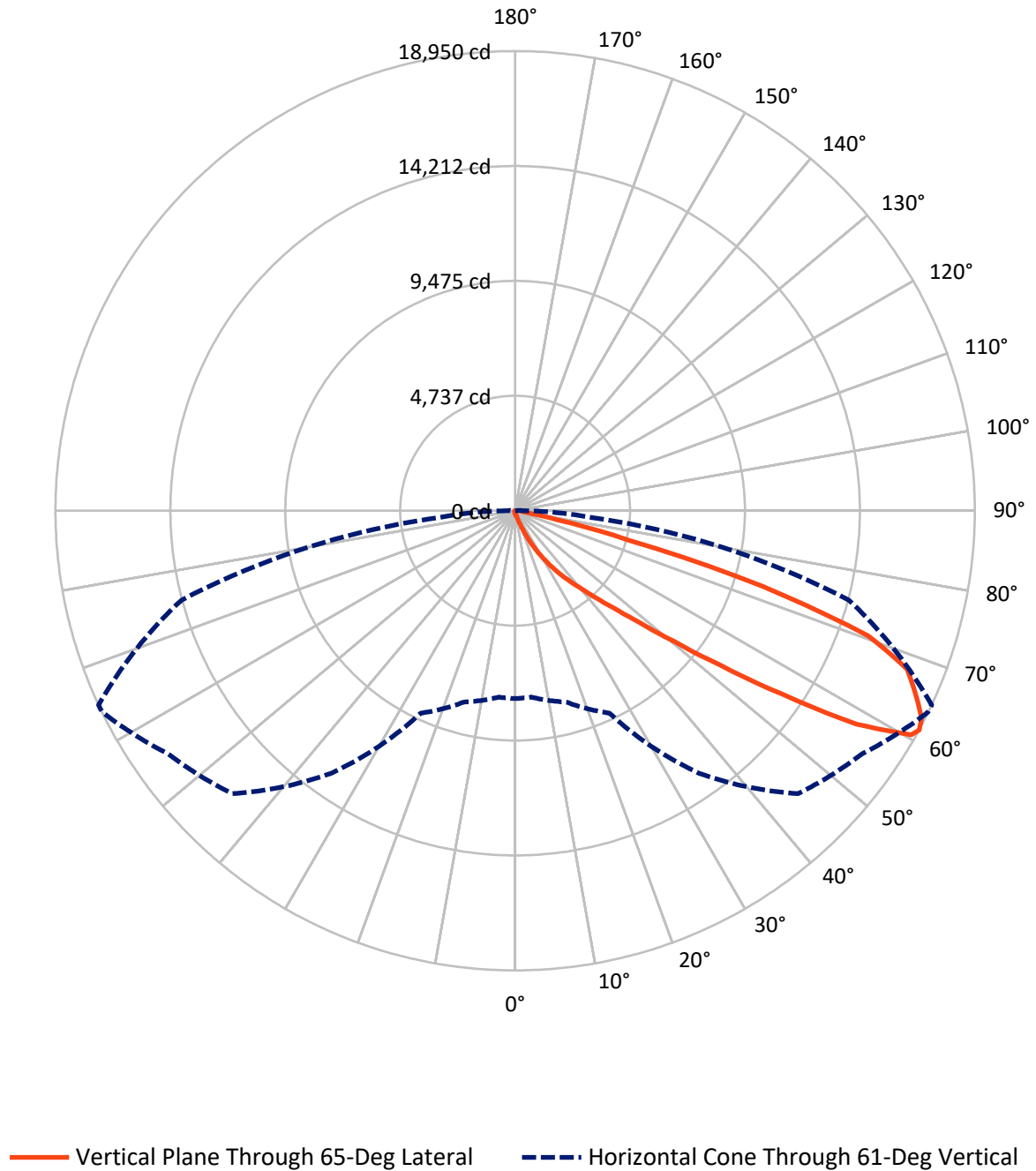


Based on 15 foot mounting height. Maximum calculated value = 22.7 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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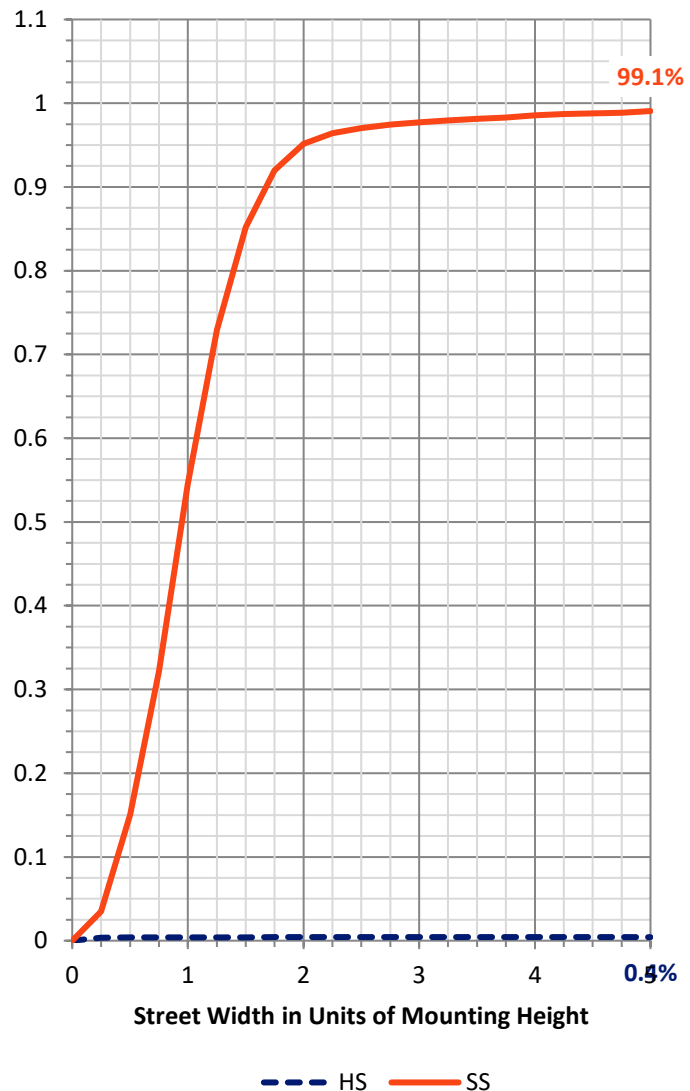
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	73.3	0.0	73.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	17093.6	0.0	17093.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	17166.8	0.0	17166.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.4	0.1
10°-20°	141.2	0.8
20°-30°	506.6	3.0
30°-40°	1348.8	7.9
40°-50°	3543.3	20.6
50°-60°	5489.3	32.0
60°-70°	4602.7	26.8
70°-80°	1354.5	7.9
80°-90°	167.1	1.0
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°	17166.8	100.0
0°-180°	17166.8	100.0



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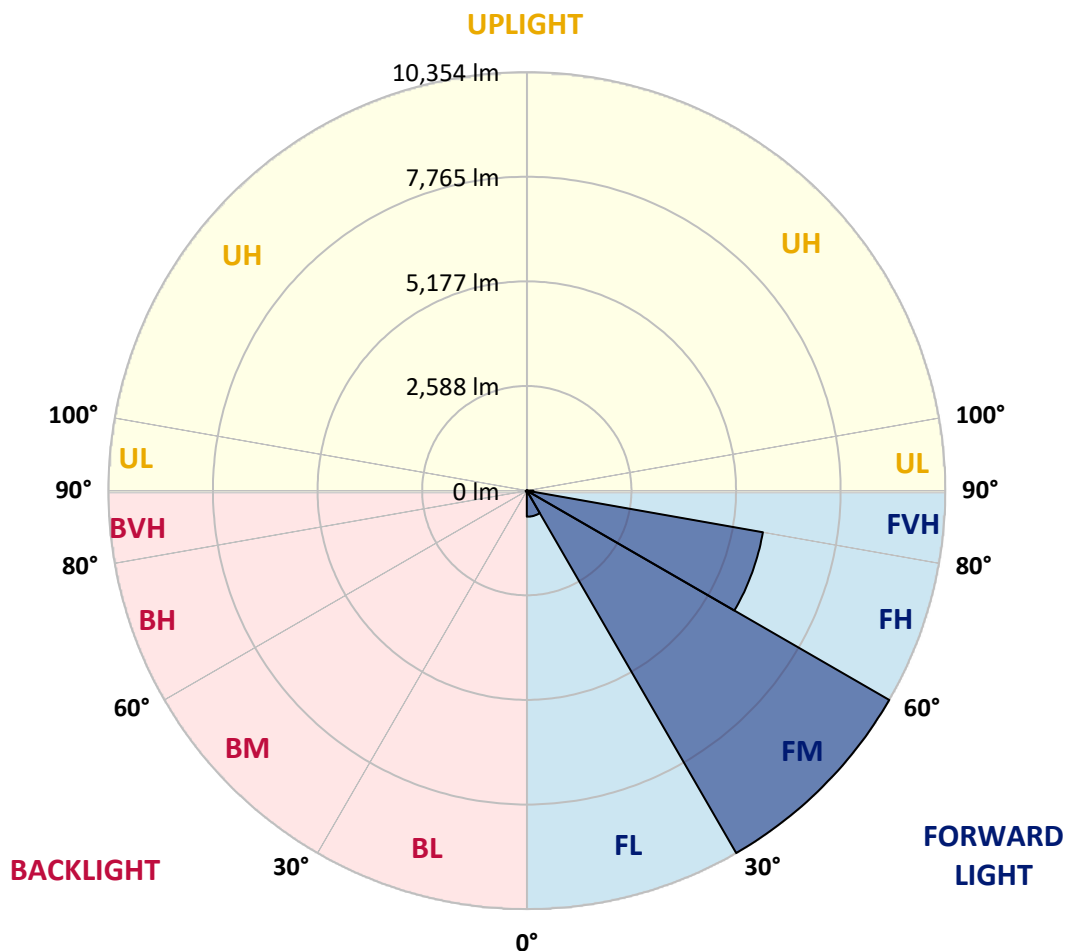
CATALOG NUMBER: GALN-SA7A-930-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	644.7	3.8			
FM	(30°-60°)	10353.5	60.3			
FH	(60°-80°)	5931.3	34.6			G3/7500
FVH	(80°-90°)	164.0	1.0			G2/225
BL	(0°-30°)	16.4	0.1	B0/110		
BM	(30°-60°)	27.9	0.2	B0/220		
BH	(60°-80°)	25.9	0.2	B0/110		G0/110
BVH	(80°-90°)	3.1	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1
2.5°	127.5	128.7	126.4	121.6	118.1	118.1	116.9	113.4	113.4	109.8	107.5
5°	178.3	176.0	171.2	161.8	153.5	145.2	137.0	128.7	127.5	116.9	109.8
7.5°	291.7	294.0	278.7	249.2	224.4	192.5	163.0	145.2	142.9	125.2	111.0
10°	640.0	622.3	586.9	472.4	388.5	292.9	217.3	168.9	166.5	134.6	113.4
12.5°	1166.7	1152.6	1087.6	969.5	753.4	524.3	317.7	209.0	201.9	142.9	114.5
15°	1681.6	1659.2	1623.7	1504.5	1251.7	940.0	519.6	285.8	266.9	154.7	113.4
17.5°	2009.9	2013.4	1981.5	1930.8	1767.8	1391.1	897.5	426.3	389.7	176.0	111.0
20°	2296.8	2288.6	2306.3	2279.1	2164.6	1890.6	1306.1	675.5	612.9	210.2	112.2
22.5°	2627.5	2647.6	2660.6	2654.6	2528.3	2294.5	1770.2	1010.8	931.7	272.8	115.7
25°	3070.3	3068.0	3069.1	3053.8	2931.0	2671.2	2235.4	1427.7	1347.4	374.3	124.0
27.5°	3534.4	3548.6	3554.5	3499.0	3338.4	3083.3	2666.5	1883.5	1789.1	537.3	134.6
30°	4168.6	4156.7	4129.6	4016.2	3821.4	3504.9	3091.6	2361.8	2262.6	765.2	151.2
32.5°	5023.5	5010.5	4873.6	4623.2	4331.5	3944.2	3519.1	2841.2	2720.8	1049.8	173.6
35°	6432.3	6452.4	6115.9	5467.5	4944.4	4472.0	3992.6	3318.3	3212.0	1400.5	204.3
37.5°	8589.8	8480.0	8023.0	6877.5	5751.0	5131.0	4444.9	3800.1	3708.0	1832.7	244.4
40°	10685.9	10577.3	10445.0	9359.8	7152.7	5857.2	5077.8	4365.8	4246.5	2320.5	303.5
42.5°	12889.5	12829.2	12823.3	12005.0	9710.5	6999.2	5839.5	5028.2	4926.7	2855.4	400.3
45°	14450.6	14390.4	14516.7	14659.6	13194.1	9446.0	7165.7	5889.1	5741.5	3504.9	555.0
47.5°	14660.8	14663.2	15000.9	15448.5	15782.6	13230.7	8932.3	7029.9	6850.4	4434.3	814.8
50°	13961.7	13988.9	14526.2	15326.8	16226.7	16406.2	12047.5	8685.5	8419.8	5536.0	1183.3
52.5°	12630.8	12661.5	13410.2	14726.9	15818.1	17169.0	15715.3	10851.2	10545.4	6910.6	1702.8
55°	11432.2	11451.1	12309.6	13973.5	15325.6	16754.5	17892.9	13743.2	13341.7	8601.6	2215.4
57.5°	10245.4	10201.7	10760.3	12665.1	15241.8	16245.6	18214.1	17039.1	16596.3	10449.7	2614.5
60°	8658.3	8585.1	9033.8	10245.4	14138.8	16579.8	17613.0	18862.4	18762.0	13022.9	2922.7
61°	7745.5	7714.8	8165.9	9205.1	13210.7	16494.7	17469.0	18939.2	18949.8	14240.4	3060.9
62.5°	5531.3	5618.7	6308.3	7659.3	11065.0	15943.3	17487.9	18701.8	18806.9	15858.2	3418.7
65°	2458.6	2599.1	3135.3	4234.7	6434.7	13262.6	17320.2	18181.0	18129.1	16302.2	4651.5
67.5°	1458.4	1479.7	1746.5	2399.6	3408.1	7133.8	15284.3	17492.6	17422.9	14192.0	5787.6
70°	1149.0	1159.6	1244.7	1505.6	1978.0	2732.6	8723.3	15134.3	15437.8	11507.8	5665.9
72.5°	1090.0	1087.6	1099.4	1145.5	1245.8	1355.7	3377.4	10060.0	10677.6	8287.5	4750.7
75°	1075.8	1071.1	1059.3	1041.5	902.2	798.3	1046.3	4449.6	4807.4	5662.4	3576.9
77.5°	1043.9	1045.1	1047.5	999.0	773.5	564.5	506.6	1427.7	1756.0	3593.5	2542.5
80°	706.2	716.8	734.5	715.6	695.5	408.6	357.8	507.8	514.9	2017.0	1679.2
82.5°	357.8	357.8	349.5	311.8	269.2	265.7	284.6	368.4	373.2	1020.3	790.0
85°	216.1	227.9	232.6	211.4	193.7	178.3	217.3	292.9	303.5	395.6	184.2
87.5°	48.4	49.6	54.3	72.0	105.1	142.9	201.9	268.1	272.8	253.9	22.4
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: P1048117

CATALOG NUMBER: GALN-SA7A-930-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1	105.1
2.5°	106.3	103.9	102.7	99.2	95.7	92.1	89.7	88.6	89.7	90.9	90.9
5°	105.1	101.6	95.7	89.7	85.0	80.3	75.6	74.4	74.4	75.6	75.6
7.5°	105.1	99.2	90.9	83.8	76.8	69.7	66.1	63.8	64.9	64.9	64.9
10°	105.1	98.0	87.4	76.8	68.5	60.2	54.3	52.0	52.0	52.0	52.0
12.5°	103.9	96.8	83.8	70.9	59.0	49.6	42.5	39.0	40.2	40.2	40.2
15°	101.6	93.3	79.1	60.2	47.2	37.8	30.7	27.2	28.3	30.7	31.9
17.5°	98.0	89.7	70.9	50.8	37.8	28.3	21.3	18.9	20.1	23.6	23.6
20°	96.8	86.2	62.6	41.3	28.3	20.1	14.2	11.8	13.0	17.7	18.9
22.5°	96.8	83.8	56.7	34.2	21.3	13.0	8.3	4.7	4.7	8.3	8.3
25°	98.0	82.7	52.0	28.3	15.4	9.4	4.7	2.4	4.7	13.0	15.4
27.5°	100.4	81.5	49.6	23.6	11.8	8.3	3.5	8.3	14.2	14.2	14.2
30°	102.7	79.1	46.1	20.1	10.6	5.9	5.9	11.8	11.8	14.2	15.4
32.5°	106.3	77.9	43.7	17.7	8.3	4.7	8.3	7.1	7.1	8.3	9.4
35°	113.4	79.1	41.3	17.7	8.3	5.9	7.1	3.5	2.4	2.4	2.4
37.5°	122.8	80.3	37.8	15.4	7.1	7.1	3.5	0.0	0.0	0.0	0.0
40°	138.2	83.8	35.4	14.2	5.9	5.9	1.2	0.0	0.0	0.0	0.0
42.5°	164.1	90.9	34.2	13.0	5.9	4.7	0.0	0.0	0.0	0.0	0.0
45°	216.1	107.5	31.9	11.8	5.9	2.4	0.0	0.0	0.0	0.0	0.0
47.5°	310.6	146.4	30.7	9.4	3.5	0.0	0.0	0.0	0.0	0.0	0.0
50°	453.5	198.4	29.5	8.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	578.6	209.0	20.1	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	592.8	144.1	15.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	472.4	93.3	13.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	357.8	70.9	11.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	343.6	63.8	11.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	379.1	55.5	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	616.4	46.1	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1071.1	40.2	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1353.3	37.8	7.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1179.7	34.2	7.1	2.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0
75°	709.7	29.5	7.1	4.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	372.0	22.4	7.1	5.9	3.5	1.2	0.0	0.0	0.0	0.0	0.0
80°	180.7	20.1	8.3	5.9	4.7	2.4	0.0	0.0	0.0	0.0	0.0
82.5°	70.9	16.5	9.4	8.3	5.9	3.5	1.2	0.0	0.0	0.0	0.0
85°	31.9	14.2	10.6	9.4	8.3	4.7	1.2	0.0	0.0	0.0	0.0
87.5°	16.5	13.0	11.8	10.6	8.3	5.9	2.4	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

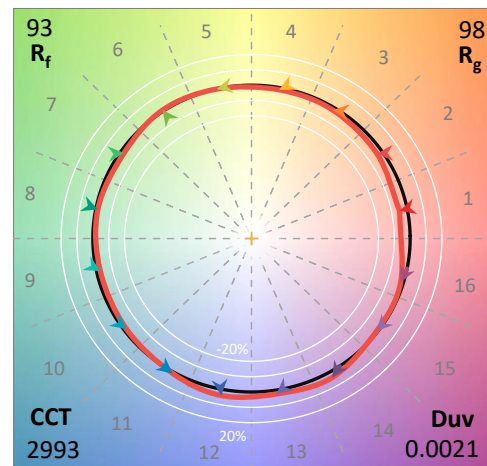
Test Information

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

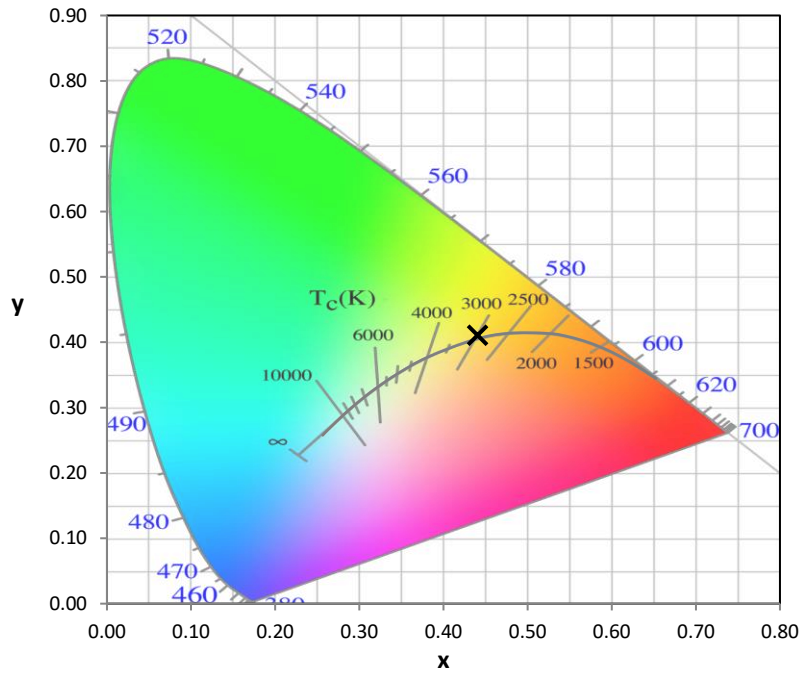
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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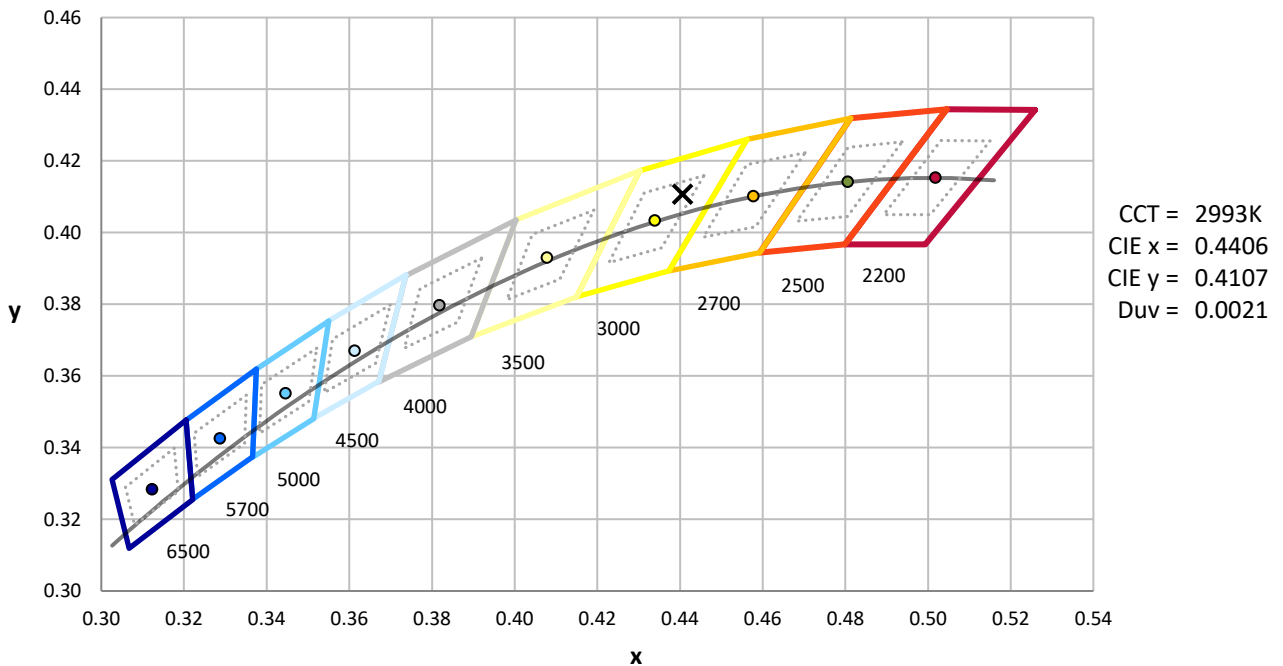
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



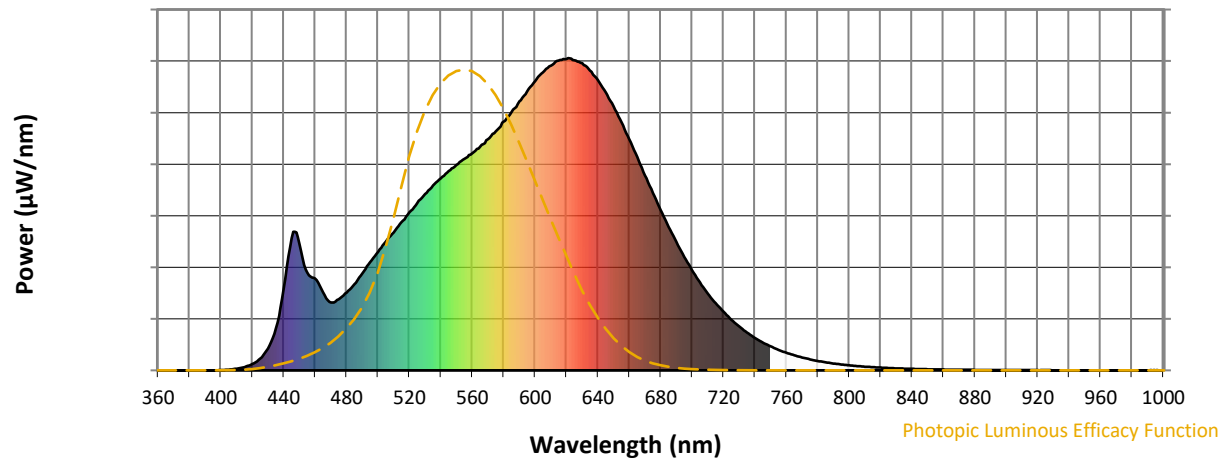
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

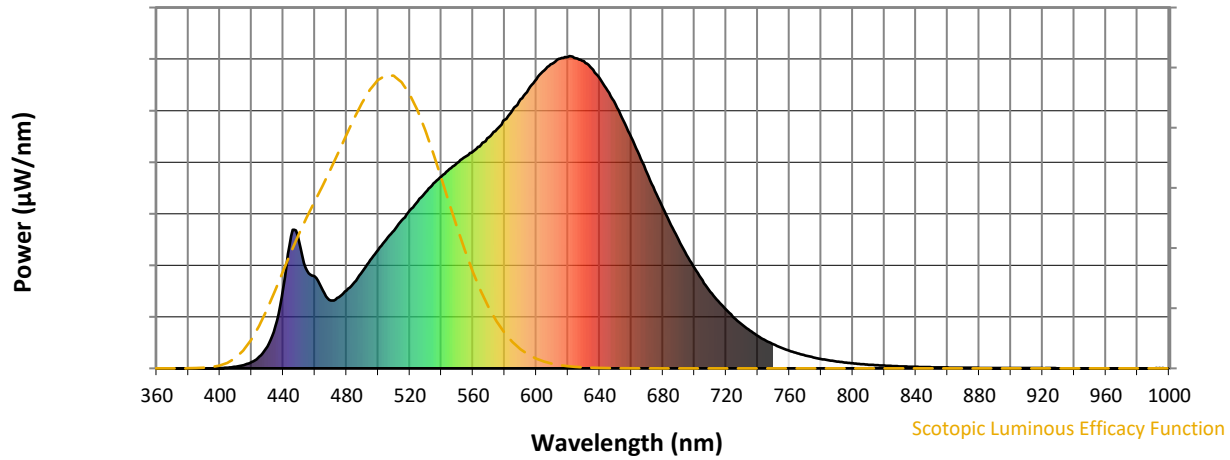


Photopic Lumens: NR

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



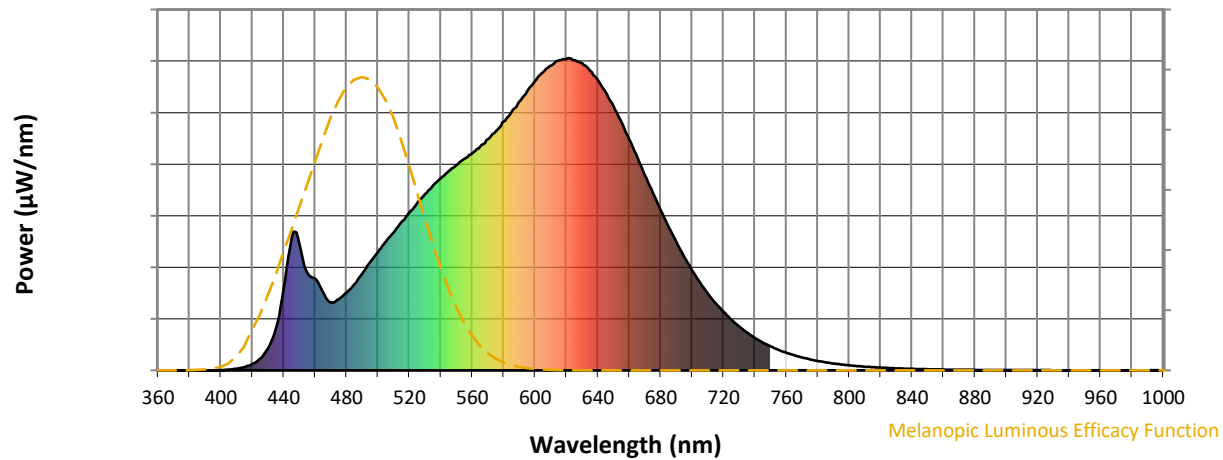
Scotopic Lumens: NR

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

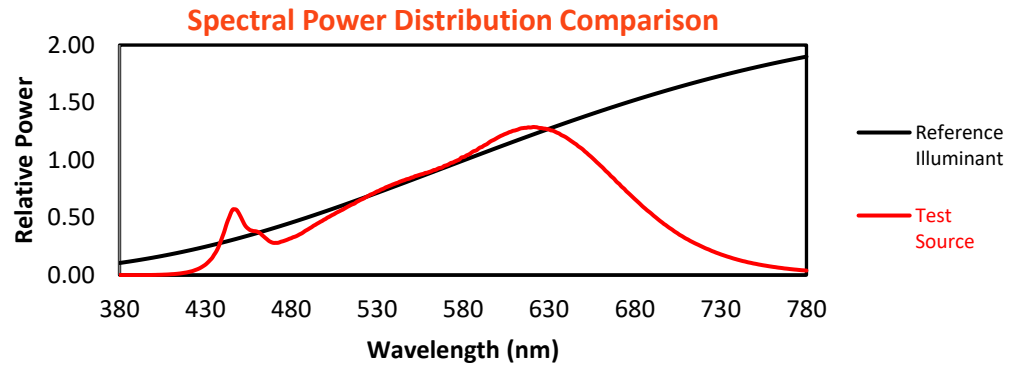
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	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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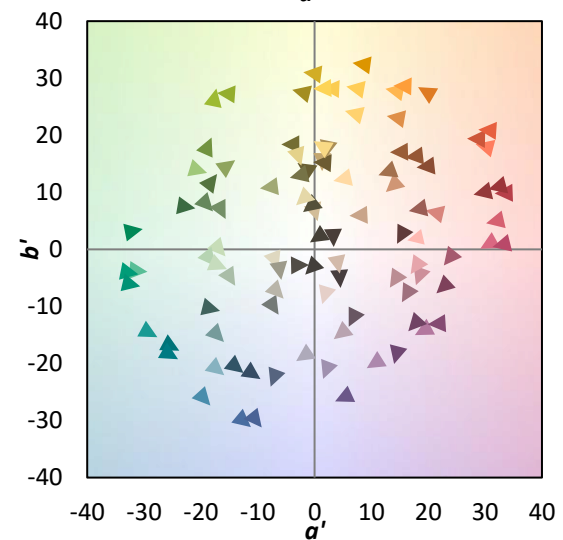
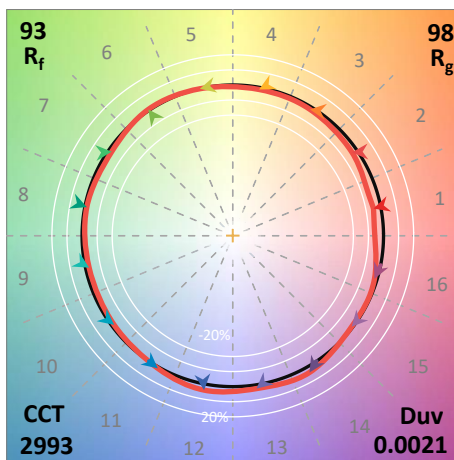
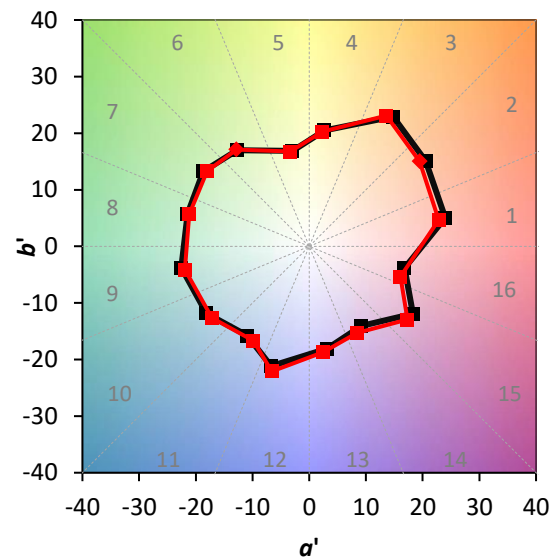
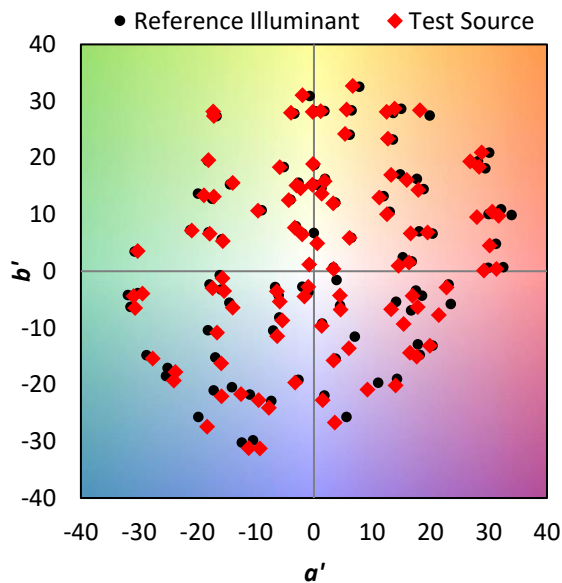
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $\text{CIE } R_a = 92.4$
 $R_9 = 58.2$

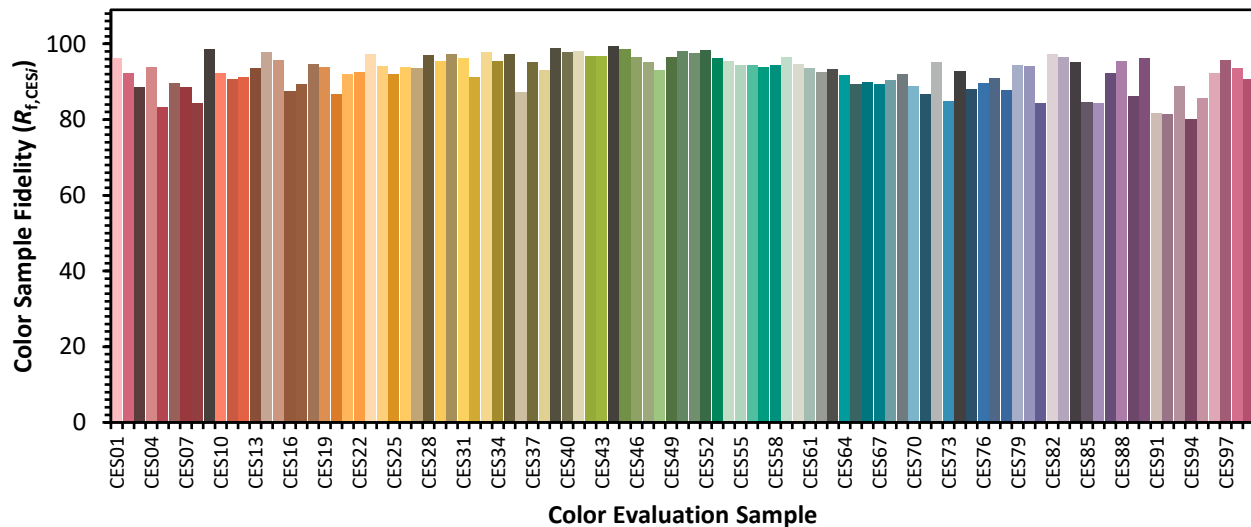


Color Vector Graphics

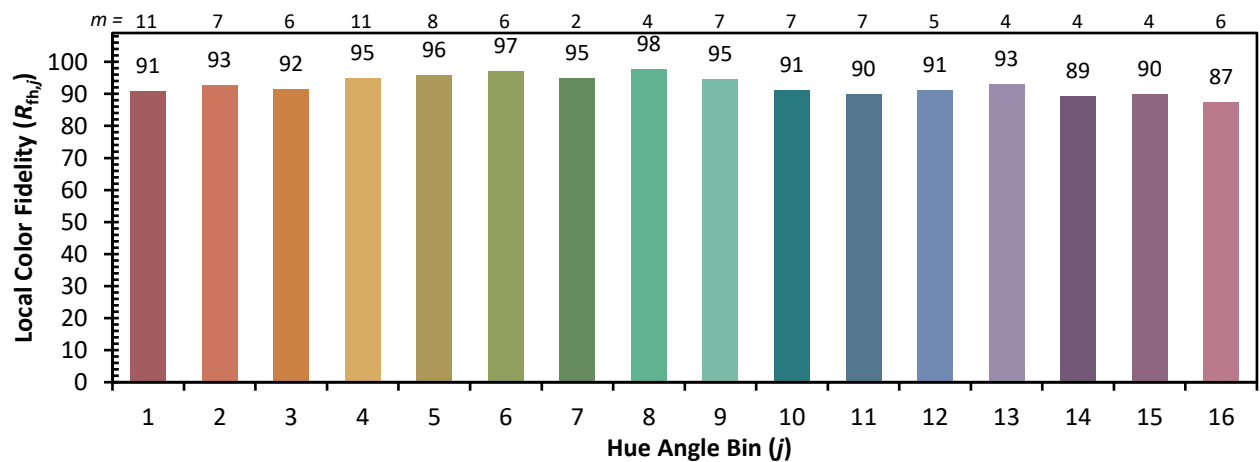
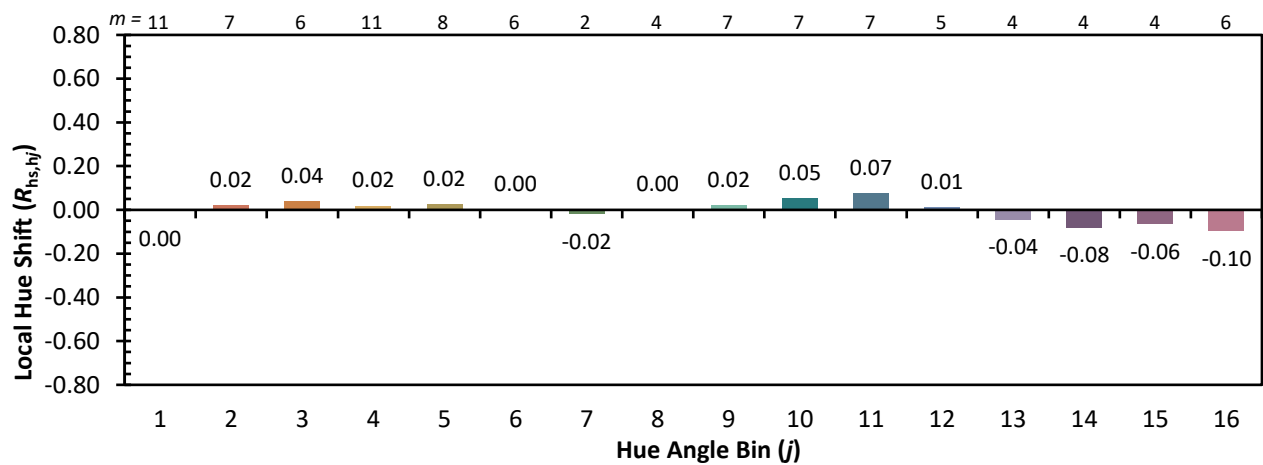
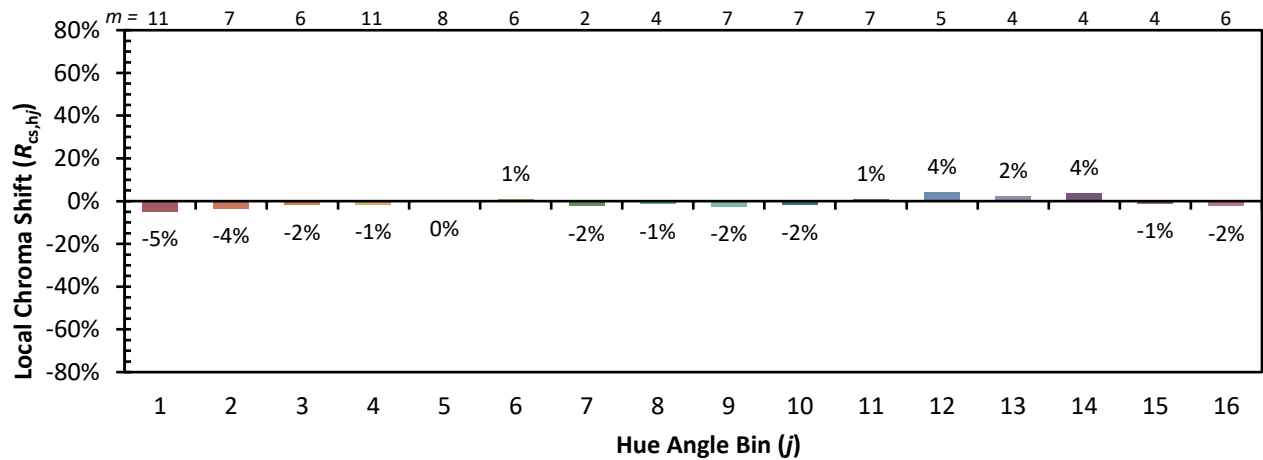


Individual Sample Fidelity Index ($R_{f,i}$)

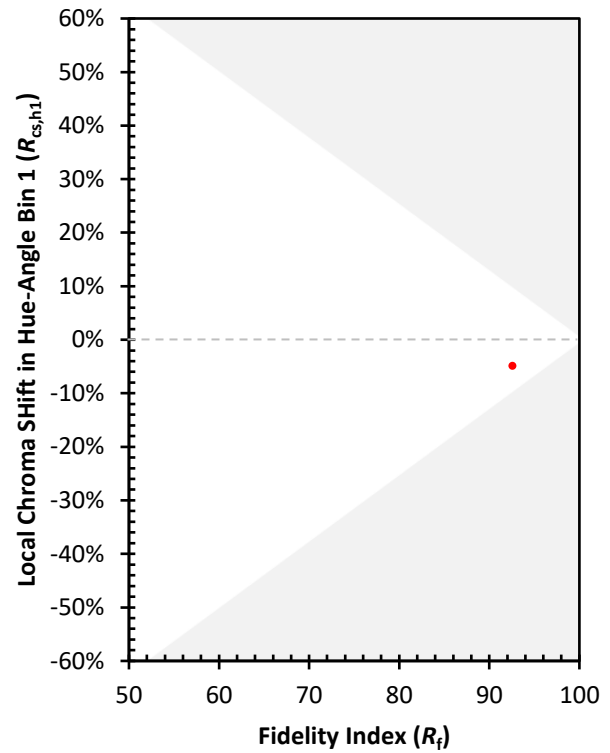
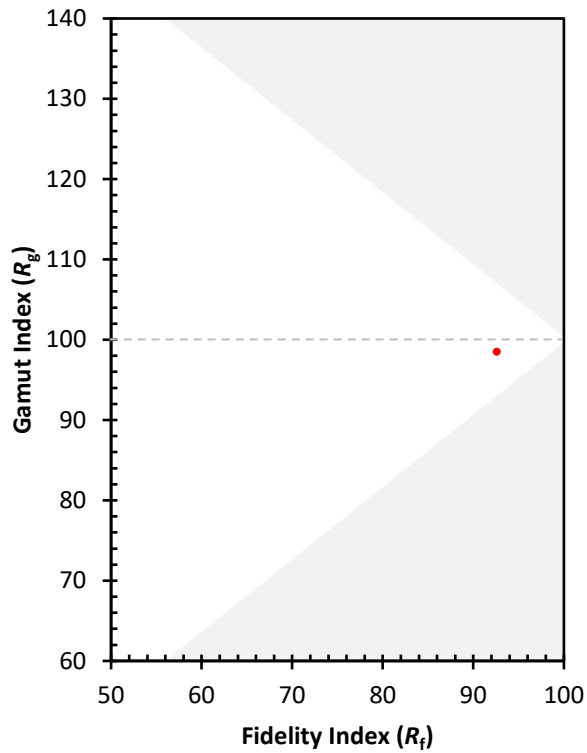
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 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)