

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: P1048061

Luminaire Tested: **GALN-SA2A-927-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048061
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-927-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
90CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4562.5 lumens
Efficiency: N/A
Efficacy: 81.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 55.8
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

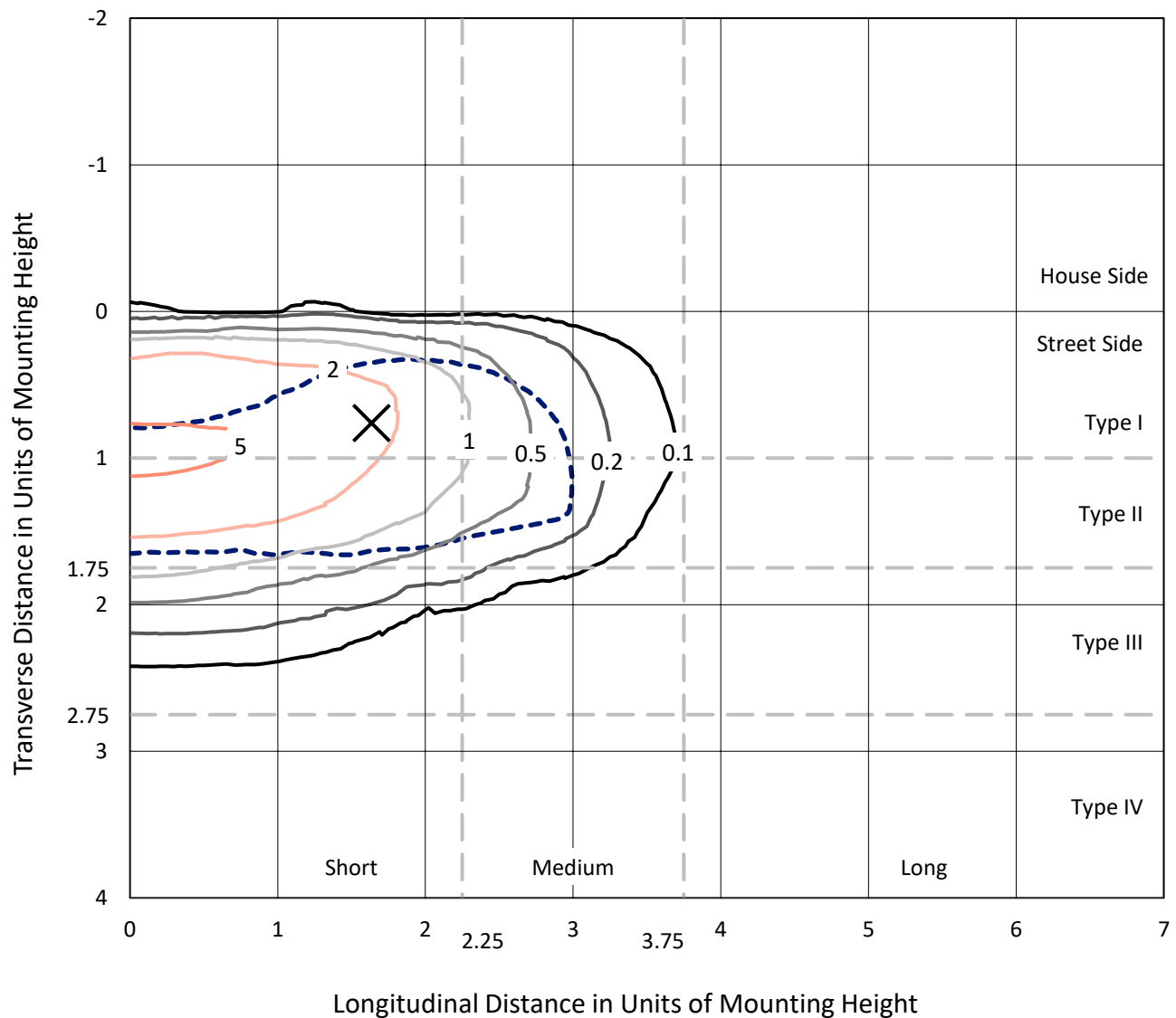


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

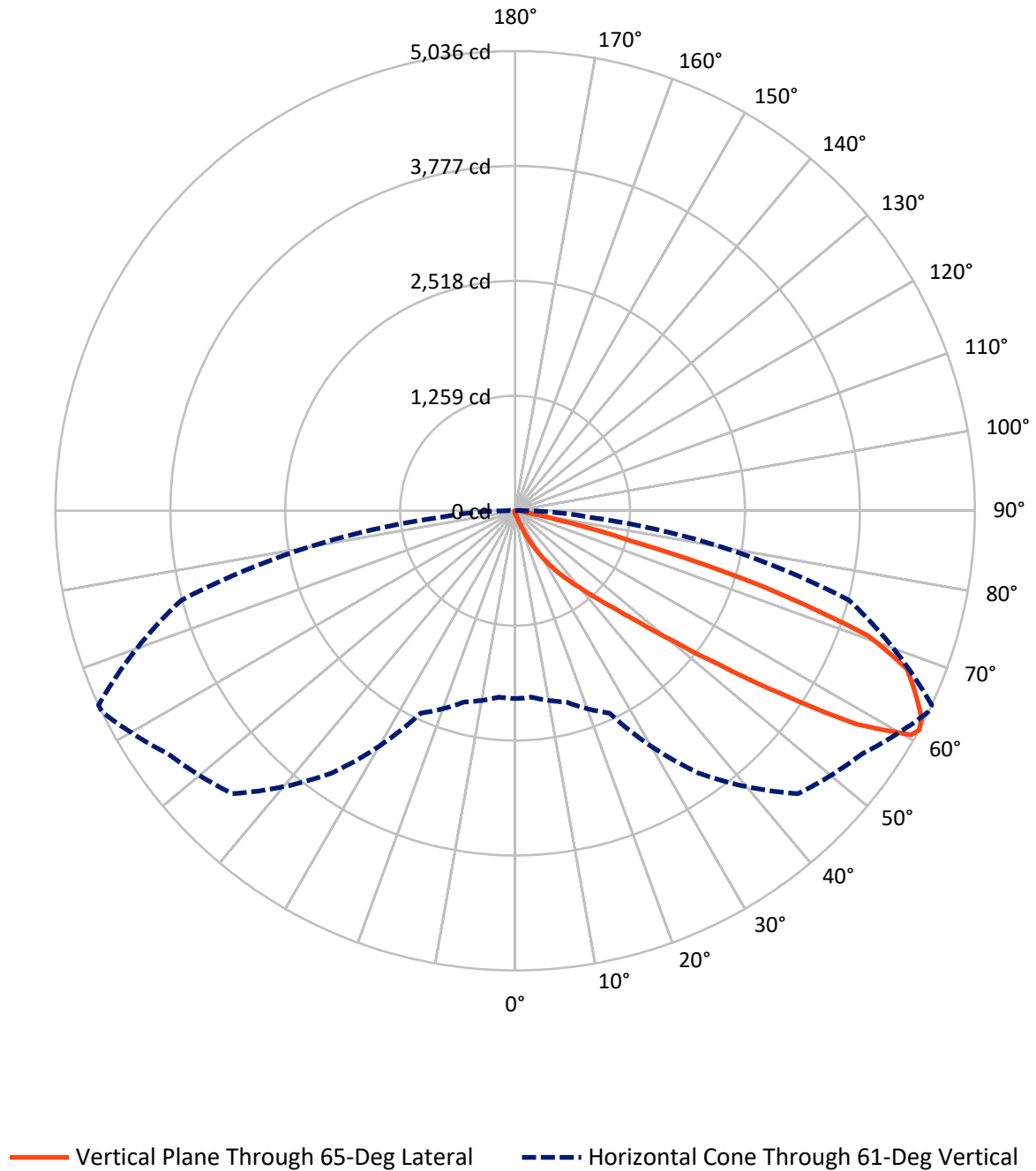


Based on 15 foot mounting height. Maximum calculated value = 6 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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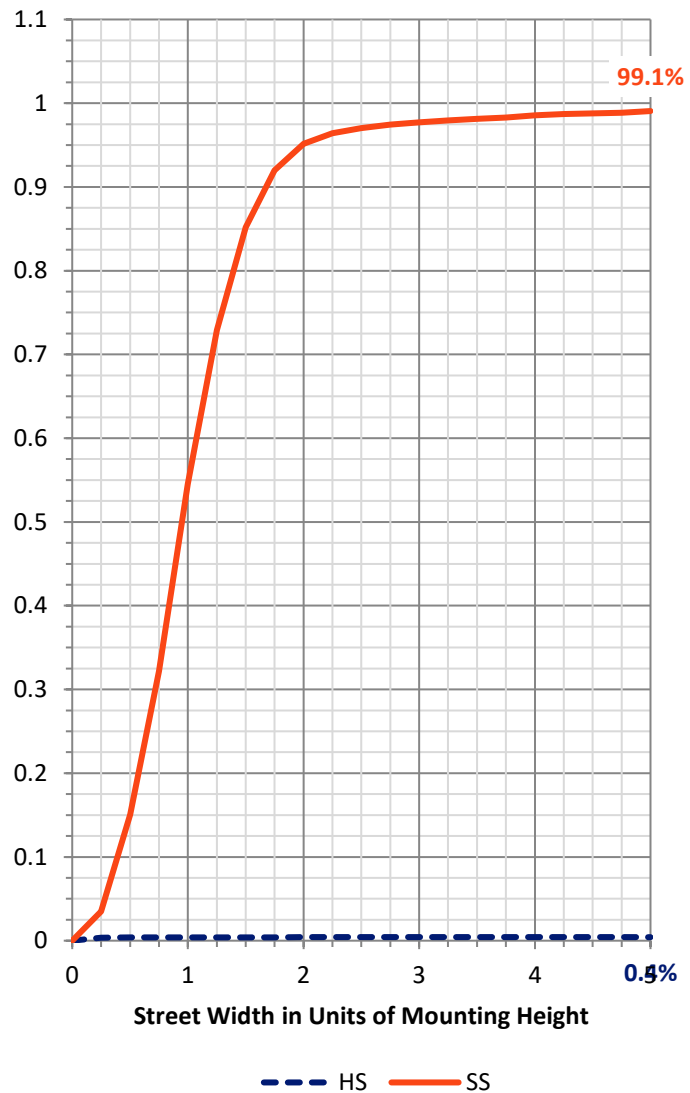
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	19.5	0.0	19.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4543.0	0.0	4543.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	4562.5	0.0	4562.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.6	0.1
10°-20°	37.5	0.8
20°-30°	134.6	3.0
30°-40°	358.5	7.9
40°-50°	941.7	20.6
50°-60°	1458.9	32.0
60°-70°	1223.3	26.8
70°-80°	360.0	7.9
80°-90°	44.4	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°	4562.5	100.0
0°-180°	4562.5	100.0



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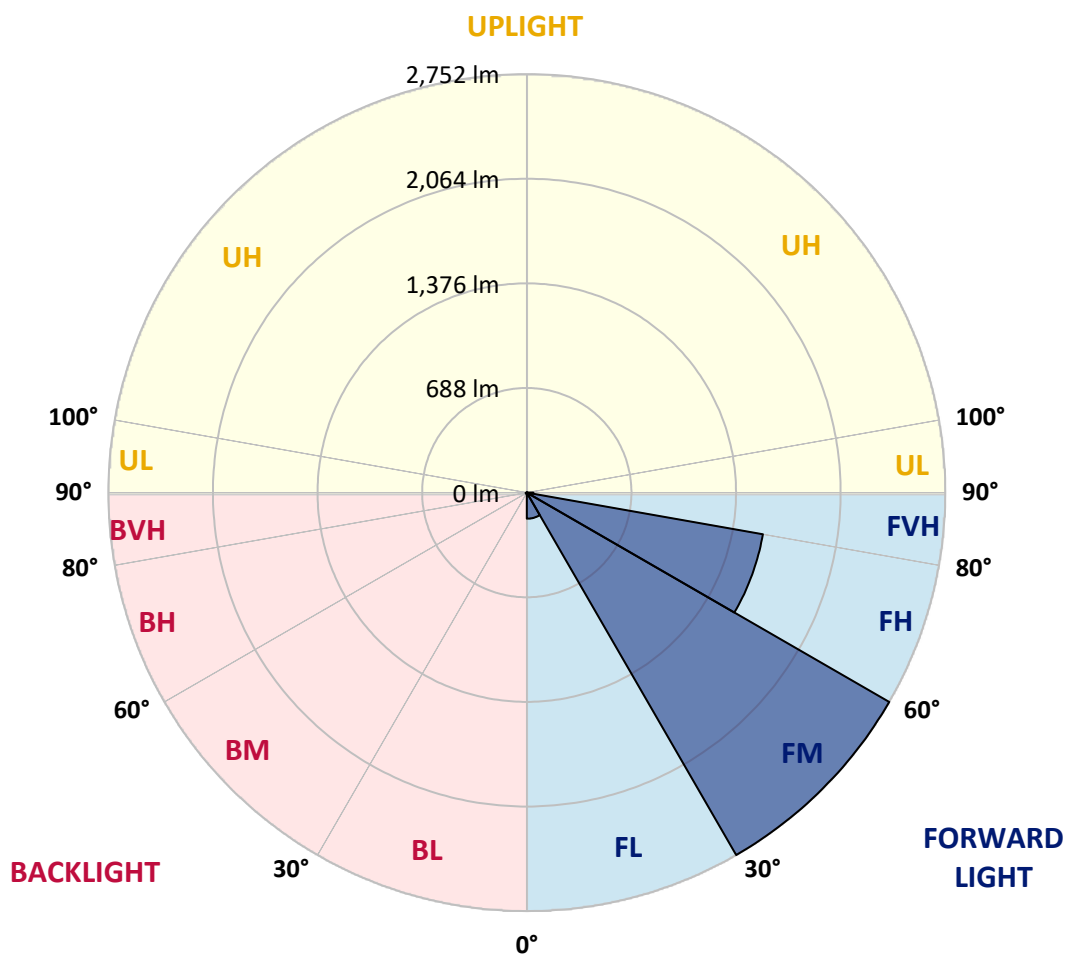
CATALOG NUMBER: GALN-SA2A-927-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	171.3	3.8			
FM	(30°-60°)	2751.7	60.3			
FH	(60°-80°)	1576.4	34.6			G1/1800
FVH	(80°-90°)	43.6	1.0			G1/100
BL	(0°-30°)	4.4	0.1	B0/110		
BM	(30°-60°)	7.4	0.2	B0/220		
BH	(60°-80°)	6.9	0.2	B0/110		G0/110
BVH	(80°-90°)	0.8	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
2.5°	33.9	34.2	33.6	32.3	31.4	31.4	31.1	30.1	30.1	29.2	28.6
5°	47.4	46.8	45.5	43.0	40.8	38.6	36.4	34.2	33.9	31.1	29.2
7.5°	77.5	78.1	74.1	66.2	59.6	51.2	43.3	38.6	38.0	33.3	29.5
10°	170.1	165.4	156.0	125.5	103.3	77.8	57.7	44.9	44.3	35.8	30.1
12.5°	310.1	306.3	289.1	257.7	200.2	139.4	84.4	55.6	53.7	38.0	30.4
15°	446.9	441.0	431.5	399.8	332.7	249.8	138.1	76.0	70.9	41.1	30.1
17.5°	534.2	535.1	526.6	513.1	469.8	369.7	238.5	113.3	103.6	46.8	29.5
20°	610.4	608.2	613.0	605.7	575.3	502.5	347.1	179.5	162.9	55.9	29.8
22.5°	698.3	703.7	707.1	705.5	672.0	609.8	470.5	268.7	247.6	72.5	30.8
25°	816.0	815.4	815.7	811.6	779.0	709.9	594.1	379.4	358.1	99.5	33.0
27.5°	939.4	943.1	944.7	929.9	887.3	819.5	708.7	500.6	475.5	142.8	35.8
30°	1107.9	1104.8	1097.5	1067.4	1015.6	931.5	821.7	627.7	601.3	203.4	40.2
32.5°	1335.1	1331.7	1295.3	1228.7	1151.2	1048.3	935.3	755.1	723.1	279.0	46.1
35°	1709.6	1714.9	1625.4	1453.1	1314.1	1188.6	1061.1	881.9	853.7	372.2	54.3
37.5°	2283.0	2253.8	2132.3	1827.9	1528.5	1363.7	1181.3	1010.0	985.5	487.1	65.0
40°	2840.0	2811.2	2776.0	2487.6	1901.0	1556.7	1349.6	1160.3	1128.6	616.7	80.7
42.5°	3425.7	3409.7	3408.1	3190.6	2580.8	1860.2	1552.0	1336.4	1309.4	758.9	106.4
45°	3840.6	3824.6	3858.2	3896.2	3506.7	2510.5	1904.5	1565.2	1525.9	931.5	147.5
47.5°	3896.5	3897.1	3986.9	4105.8	4194.6	3516.4	2374.0	1868.4	1820.7	1178.5	216.6
50°	3710.7	3717.9	3860.7	4073.5	4312.6	4360.3	3201.9	2308.4	2237.8	1471.3	314.5
52.5°	3357.0	3365.1	3564.1	3914.0	4204.0	4563.1	4176.7	2884.0	2802.7	1836.7	452.6
55°	3038.4	3043.4	3271.6	3713.8	4073.2	4452.9	4755.5	3652.6	3545.9	2286.1	588.8
57.5°	2723.0	2711.4	2859.8	3366.1	4050.9	4317.7	4840.8	4528.6	4410.9	2777.3	694.9
60°	2301.2	2281.7	2401.0	2723.0	3757.7	4406.5	4681.1	5013.2	4986.5	3461.2	776.8
61°	2058.6	2050.4	2170.3	2446.5	3511.1	4383.9	4642.8	5033.6	5036.4	3784.7	813.5
62.5°	1470.1	1493.3	1676.6	2035.6	2940.8	4237.3	4647.8	4970.5	4998.4	4214.7	908.6
65°	653.4	690.8	833.3	1125.5	1710.2	3524.9	4603.3	4832.1	4818.3	4332.7	1236.3
67.5°	387.6	393.3	464.2	637.7	905.8	1896.0	4062.2	4649.1	4630.6	3771.9	1538.2
70°	305.4	308.2	330.8	400.2	525.7	726.3	2318.4	4022.3	4103.0	3058.5	1505.9
72.5°	289.7	289.1	292.2	304.4	331.1	360.3	897.6	2673.7	2837.8	2202.6	1262.6
75°	285.9	284.7	281.5	276.8	239.8	212.2	278.1	1182.6	1277.7	1504.9	950.7
77.5°	277.4	277.8	278.4	265.5	205.6	150.0	134.6	379.4	466.7	955.1	675.7
80°	187.7	190.5	195.2	190.2	184.9	108.6	95.1	135.0	136.8	536.1	446.3
82.5°	95.1	95.1	92.9	82.9	71.6	70.6	75.6	97.9	99.2	271.2	210.0
85°	57.4	60.6	61.8	56.2	51.5	47.4	57.7	77.8	80.7	105.1	49.0
87.5°	12.9	13.2	14.4	19.1	27.9	38.0	53.7	71.2	72.5	67.5	6.0
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-SA2A-927-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
2.5°	28.2	27.6	27.3	26.4	25.4	24.5	23.9	23.5	23.9	24.2	24.2
5°	27.9	27.0	25.4	23.9	22.6	21.3	20.1	19.8	19.8	20.1	20.1
7.5°	27.9	26.4	24.2	22.3	20.4	18.5	17.6	16.9	17.3	17.3	17.3
10°	27.9	26.0	23.2	20.4	18.2	16.0	14.4	13.8	13.8	13.8	13.8
12.5°	27.6	25.7	22.3	18.8	15.7	13.2	11.3	10.4	10.7	10.7	10.7
15°	27.0	24.8	21.0	16.0	12.6	10.0	8.2	7.2	7.5	8.2	8.5
17.5°	26.0	23.9	18.8	13.5	10.0	7.5	5.6	5.0	5.3	6.3	6.3
20°	25.7	22.9	16.6	11.0	7.5	5.3	3.8	3.1	3.5	4.7	5.0
22.5°	25.7	22.3	15.1	9.1	5.6	3.5	2.2	1.3	1.3	2.2	2.2
25°	26.0	22.0	13.8	7.5	4.1	2.5	1.3	0.6	1.3	3.5	4.1
27.5°	26.7	21.7	13.2	6.3	3.1	2.2	0.9	2.2	3.8	3.8	3.8
30°	27.3	21.0	12.2	5.3	2.8	1.6	1.6	3.1	3.1	3.8	4.1
32.5°	28.2	20.7	11.6	4.7	2.2	1.3	2.2	1.9	1.9	2.2	2.5
35°	30.1	21.0	11.0	4.7	2.2	1.6	1.9	0.9	0.6	0.6	0.6
37.5°	32.6	21.3	10.0	4.1	1.9	1.9	0.9	0.0	0.0	0.0	0.0
40°	36.7	22.3	9.4	3.8	1.6	1.6	0.3	0.0	0.0	0.0	0.0
42.5°	43.6	24.2	9.1	3.5	1.6	1.3	0.0	0.0	0.0	0.0	0.0
45°	57.4	28.6	8.5	3.1	1.6	0.6	0.0	0.0	0.0	0.0	0.0
47.5°	82.5	38.9	8.2	2.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0
50°	120.5	52.7	7.8	2.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	153.8	55.6	5.3	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	157.6	38.3	4.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	125.5	24.8	3.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	95.1	18.8	3.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	91.3	16.9	3.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	100.7	14.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	163.8	12.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	284.7	10.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	359.7	10.0	1.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	313.5	9.1	1.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
75°	188.6	7.8	1.9	1.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	98.9	6.0	1.9	1.6	0.9	0.3	0.0	0.0	0.0	0.0	0.0
80°	48.0	5.3	2.2	1.6	1.3	0.6	0.0	0.0	0.0	0.0	0.0
82.5°	18.8	4.4	2.5	2.2	1.6	0.9	0.3	0.0	0.0	0.0	0.0
85°	8.5	3.8	2.8	2.5	2.2	1.3	0.3	0.0	0.0	0.0	0.0
87.5°	4.4	3.5	3.1	2.8	2.2	1.6	0.6	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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-13

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-927-U-5WQ

Data in this report applies to families of products including GSS-SB1A-927-U-5WQ

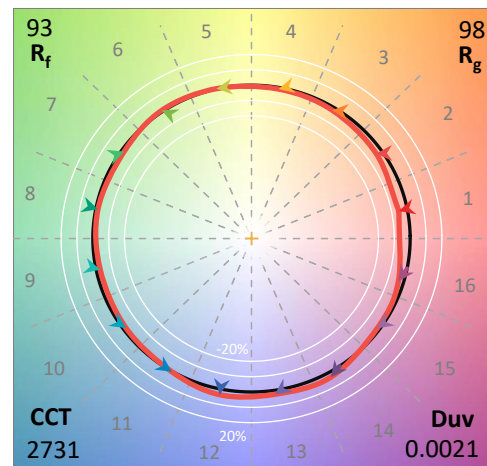
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-13
 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-927-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2731
 CIE u' : 0.2605
 CIE v' : 0.5298
 Duv: 0.0021
 CIE x: 0.4610
 CIE y: 0.4166
 CIE z: 0.1224
 Peak Wavelength (nm): 622
 Dominant Wavelength (nm): 583
 Purity: 63.43685
 R_f: 92.6
 R_g: 98

CRI (Ra): 91.8
 R1: 91.4
 R2: 95.1
 R3: 97.6
 R4: 92.3
 R5: 91.1
 R6: 94.7
 R7: 92.3
 R8: 80.0
 R9: 54.7
 R10: 87.7
 R11: 92.9
 R12: 84.0
 R13: 92.2
 R14: 97.8
 R15: 86.8



Test Conditions

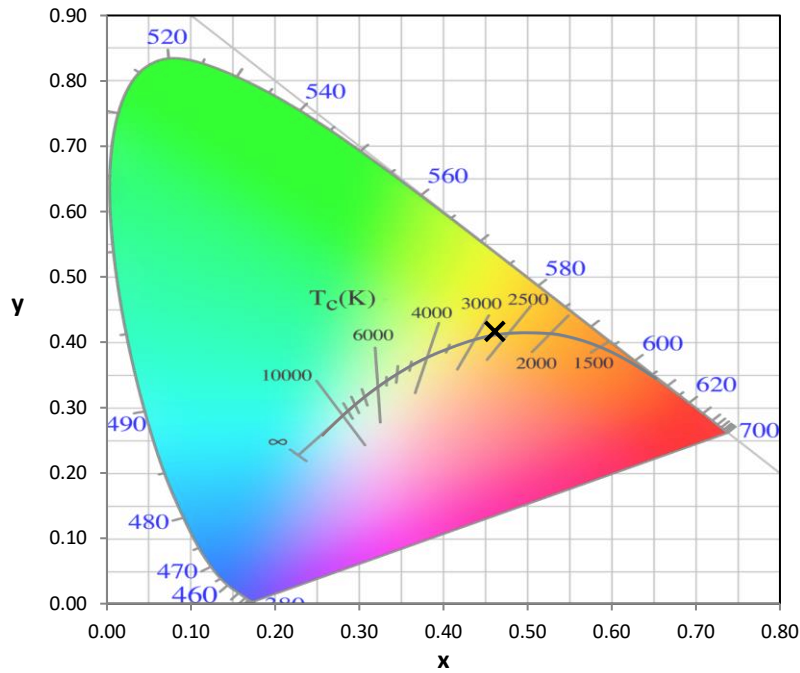
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

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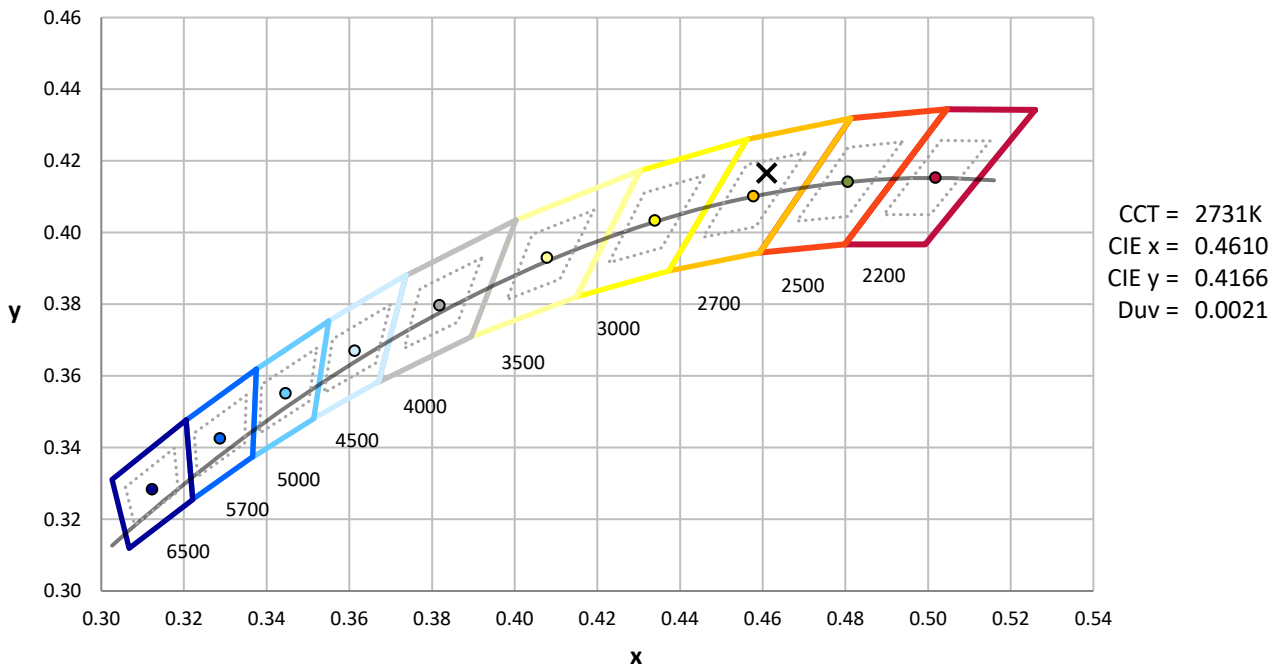
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



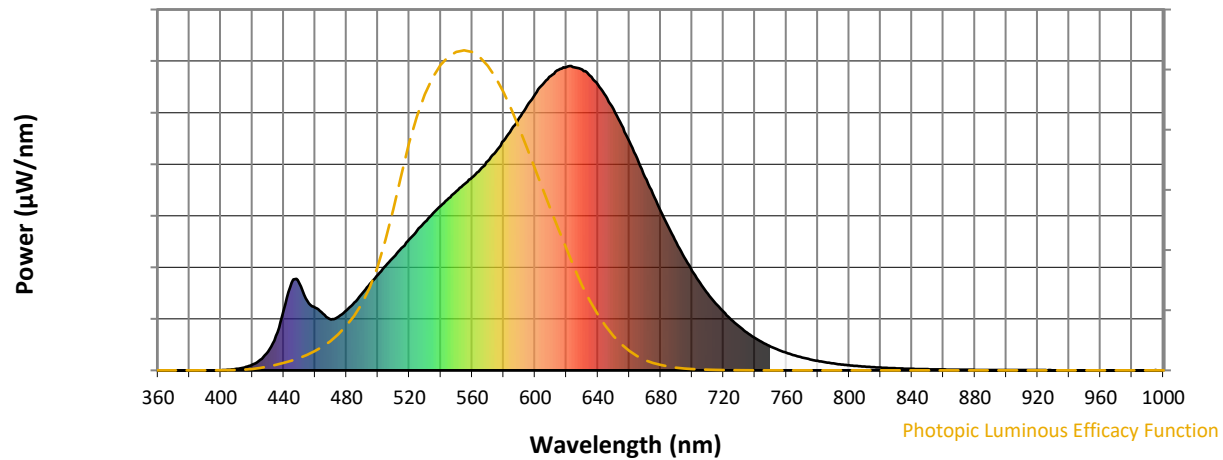
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

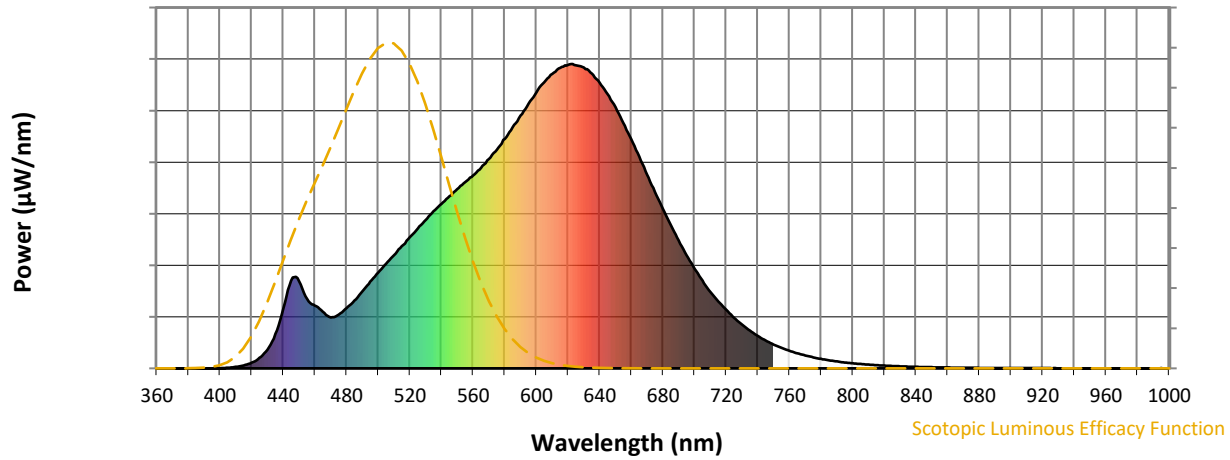


Photopic Lumens: NR

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



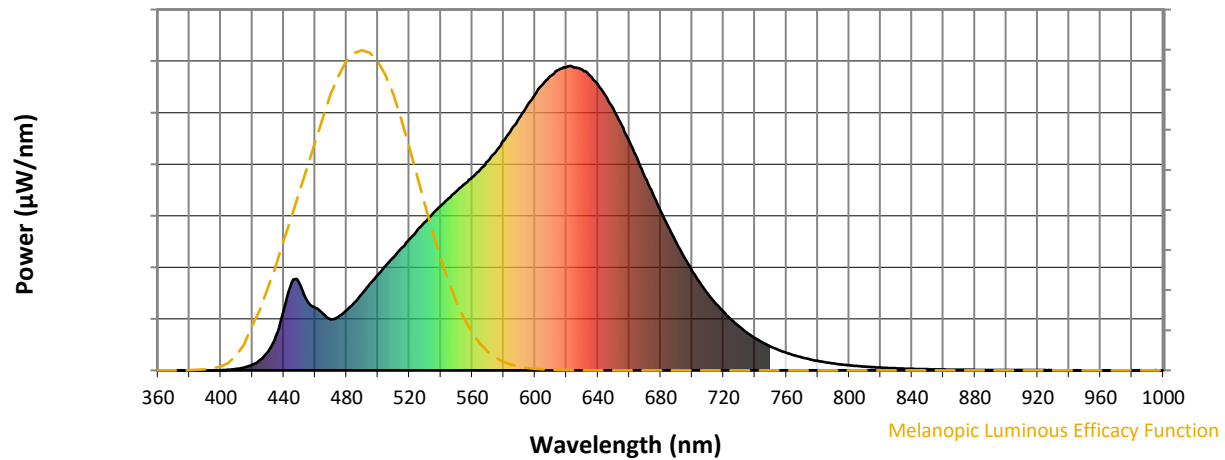
Scotopic Lumens: NR

S/P: 1.27

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.38

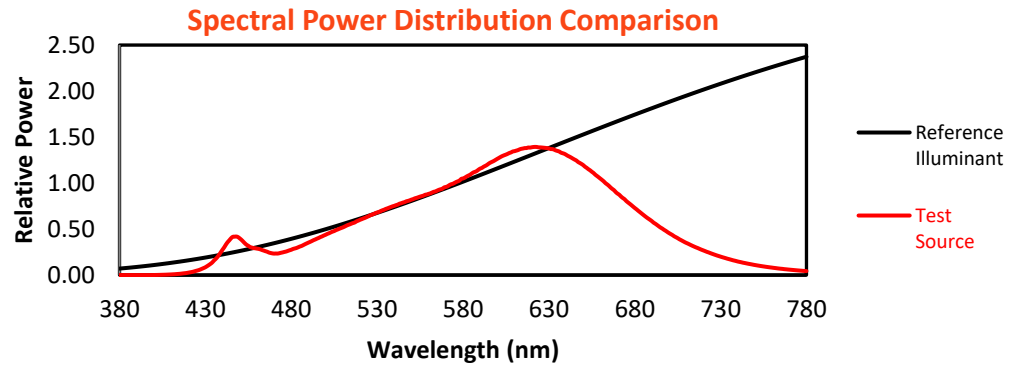
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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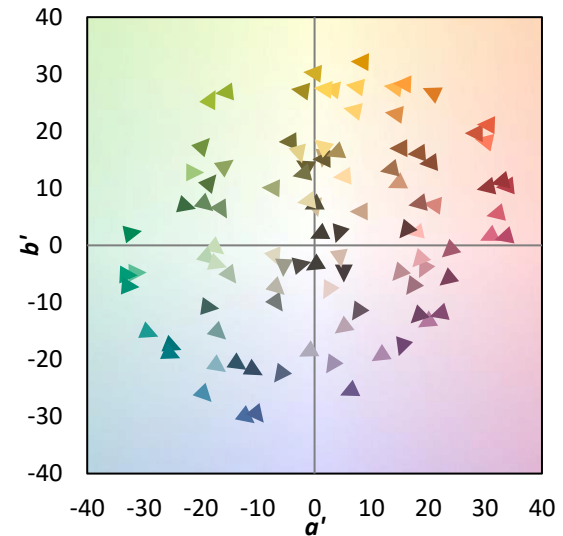
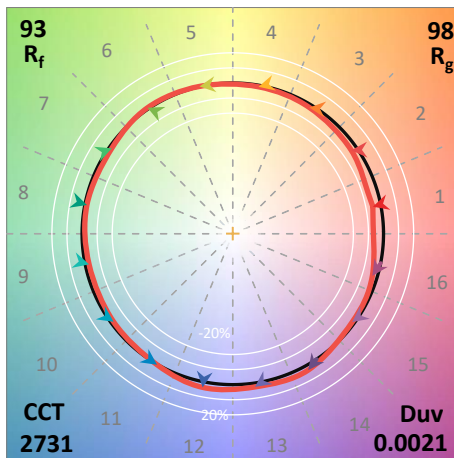
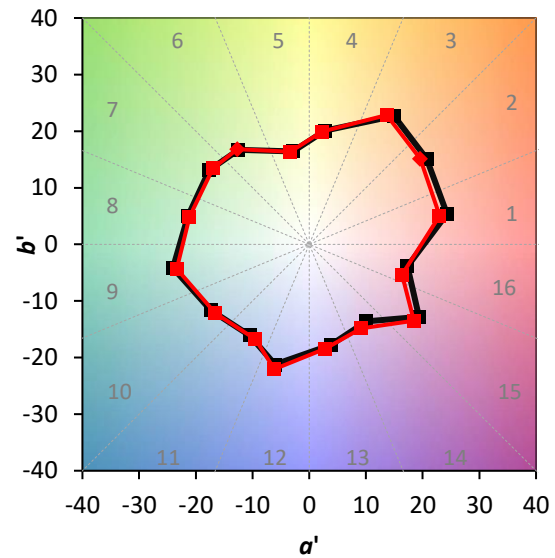
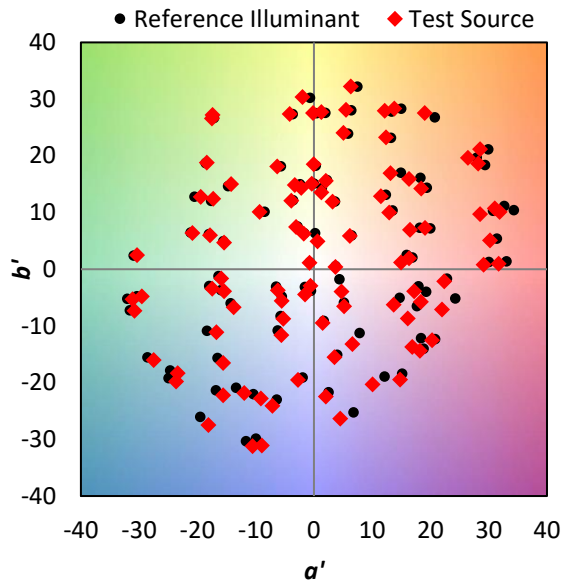
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98$
 $CIE R_a = 91.8$
 $R_9 = 54.7$

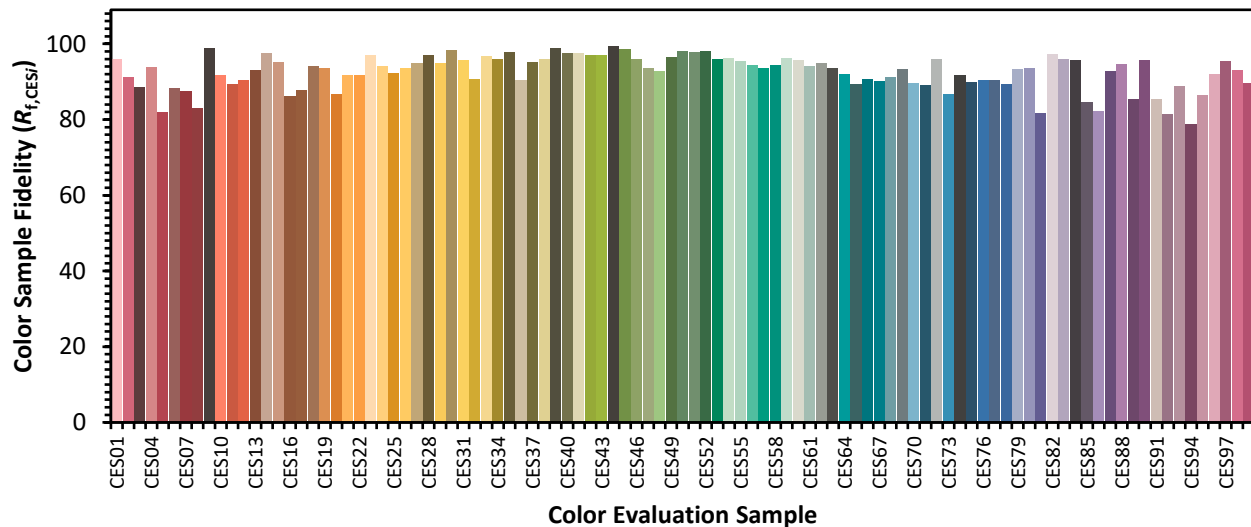


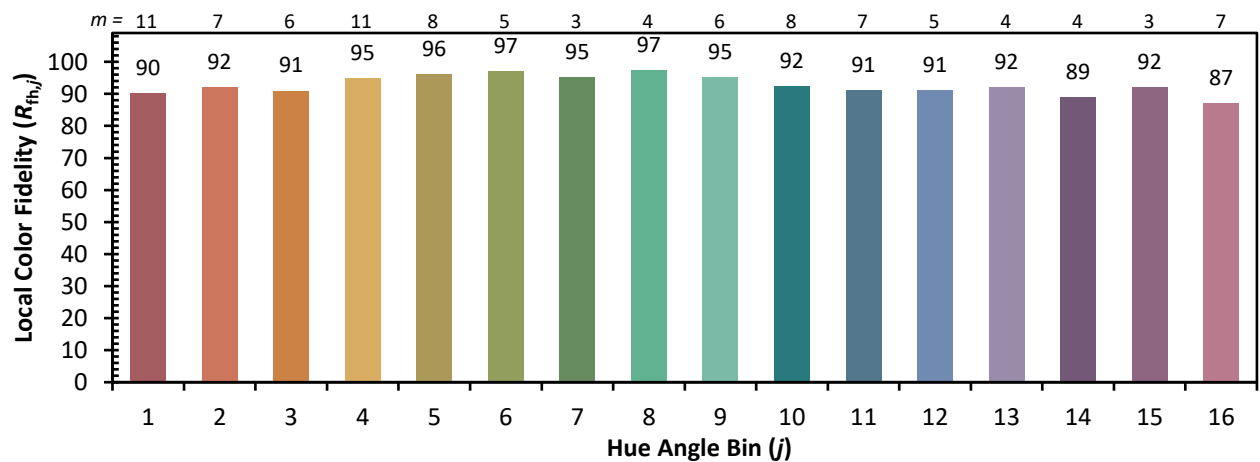
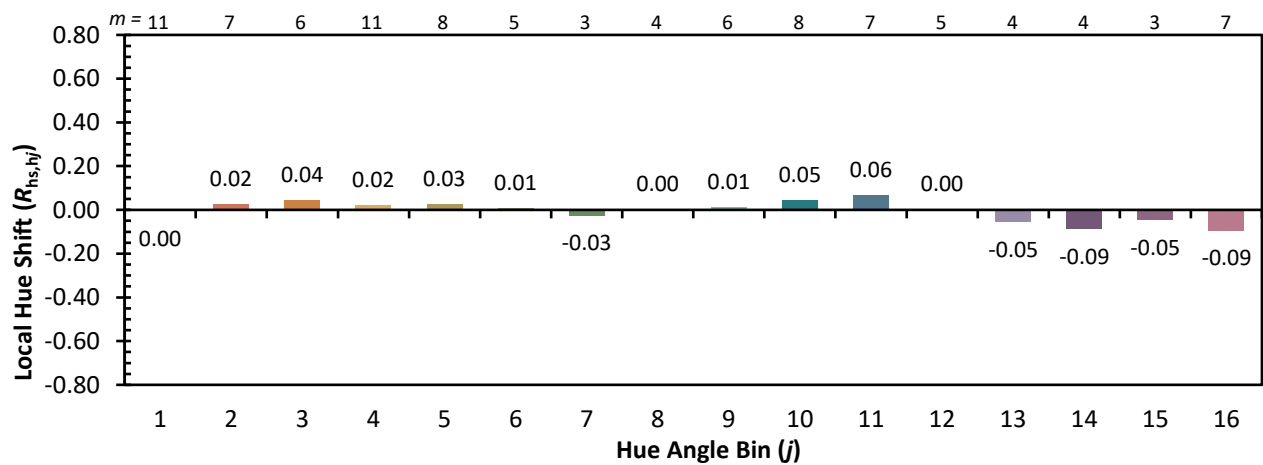
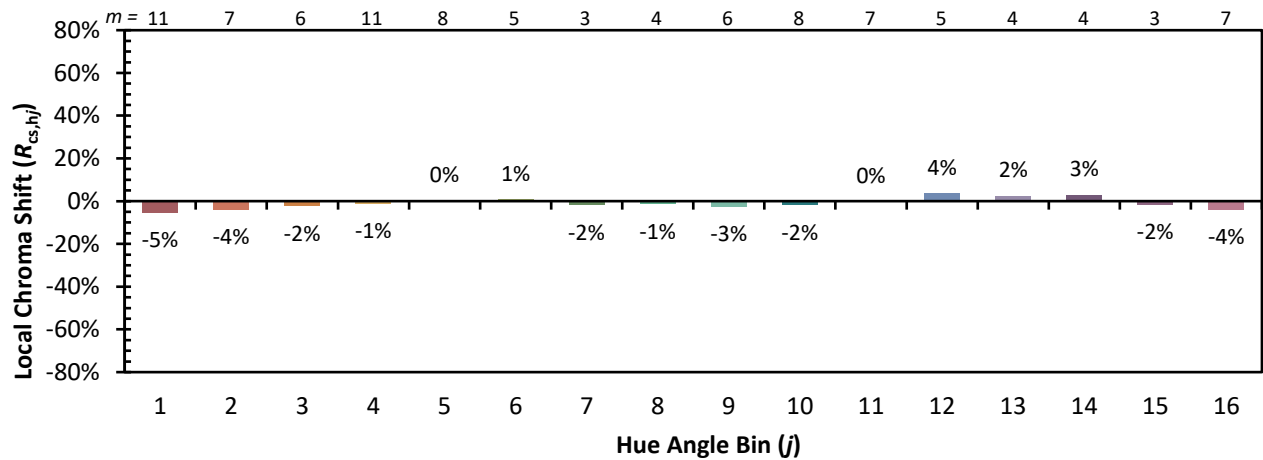
Color Vector Graphics

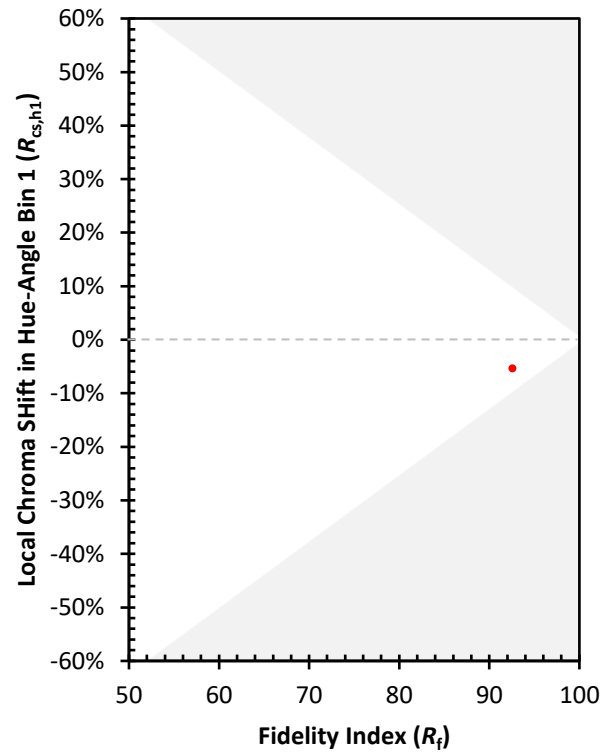
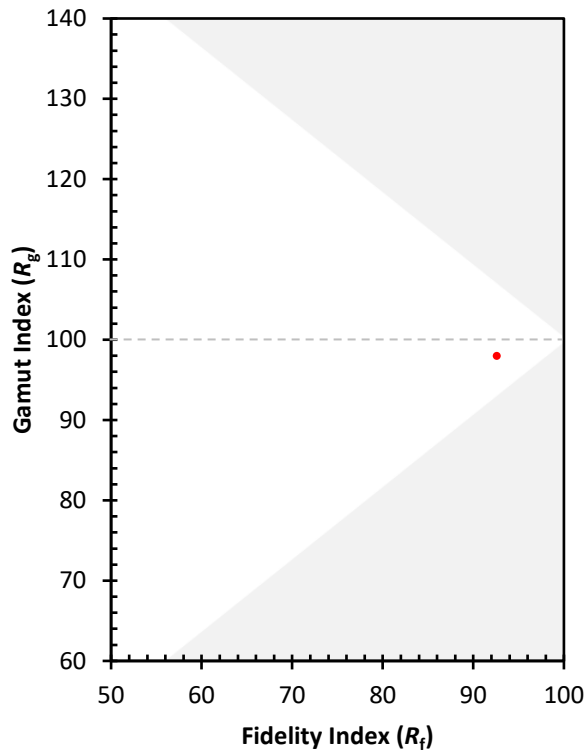


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 43	CES33 = 97	CES58 = 94	CES83 = 96
CES09 = 29	CES34 = 96	CES59 = 96	CES84 = 96
CES10 = 77	CES35 = 98	CES60 = 96	CES85 = 85
CES11 = 59	CES36 = 90	CES61 = 94	CES86 = 82
CES12 = 66	CES37 = 95	CES62 = 95	CES87 = 93
CES13 = 44	CES38 = 96	CES63 = 94	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 85
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 91	CES91 = 85
CES17 = 50	CES42 = 97	CES67 = 90	CES92 = 82
CES18 = 57	CES43 = 97	CES68 = 91	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 93	CES94 = 79
CES20 = 68	CES45 = 99	CES70 = 90	CES95 = 87
CES21 = 87	CES46 = 96	CES71 = 89	CES96 = 92
CES22 = 79	CES47 = 94	CES72 = 96	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 87	CES98 = 93
CES24 = 91	CES49 = 96	CES74 = 92	CES99 = 90
CES25 = 72	CES50 = 98	CES75 = 90	



Color Rendition by Hue-Angle Bin


Measure Comparisons


(END OF REPORT)