

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: P1047267

Luminaire Tested: **GALN-SA1C-827-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047267
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1C-827-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5131.1 lumens
Efficiency: N/A
Efficacy: 102.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 50.2
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

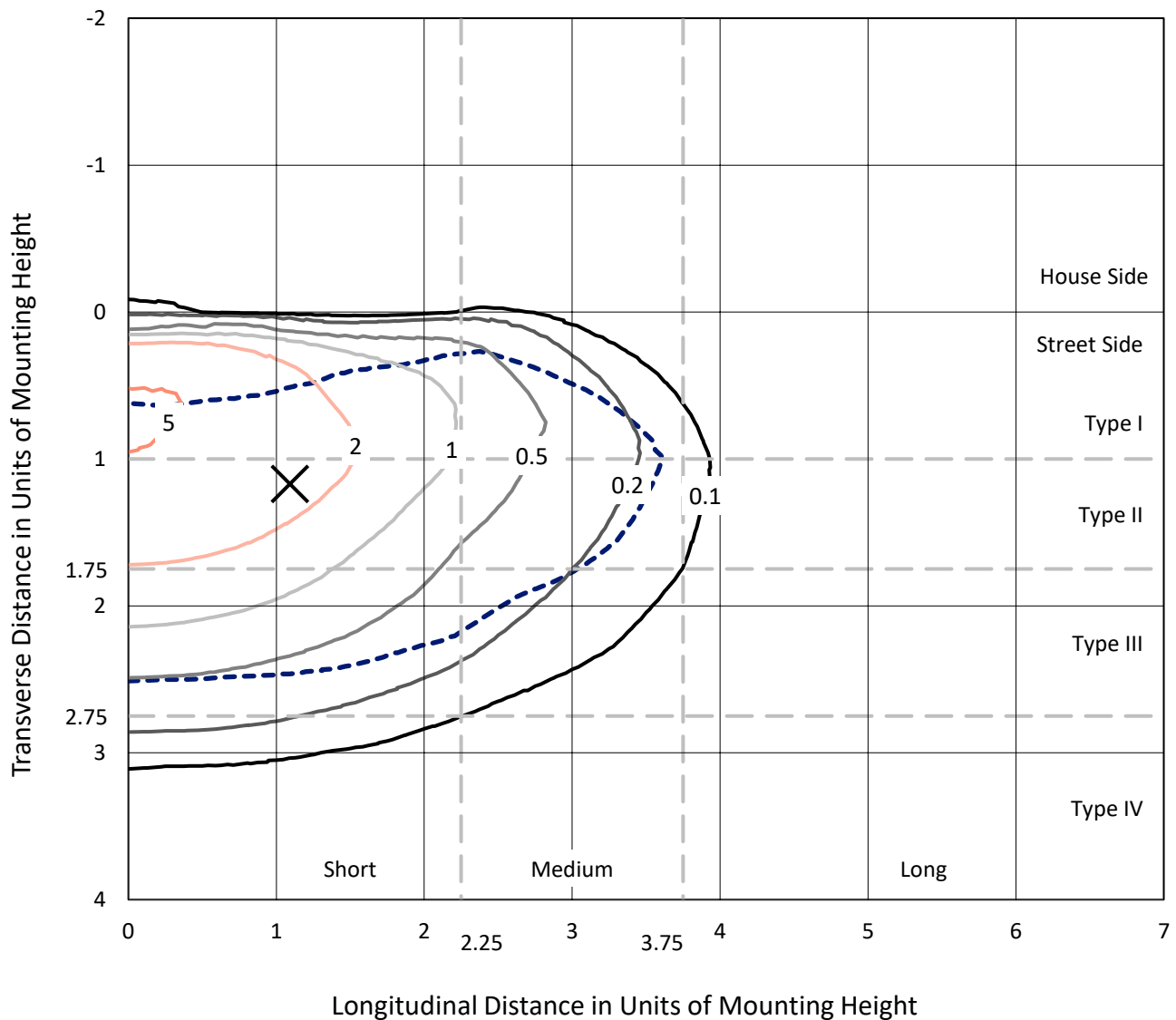


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

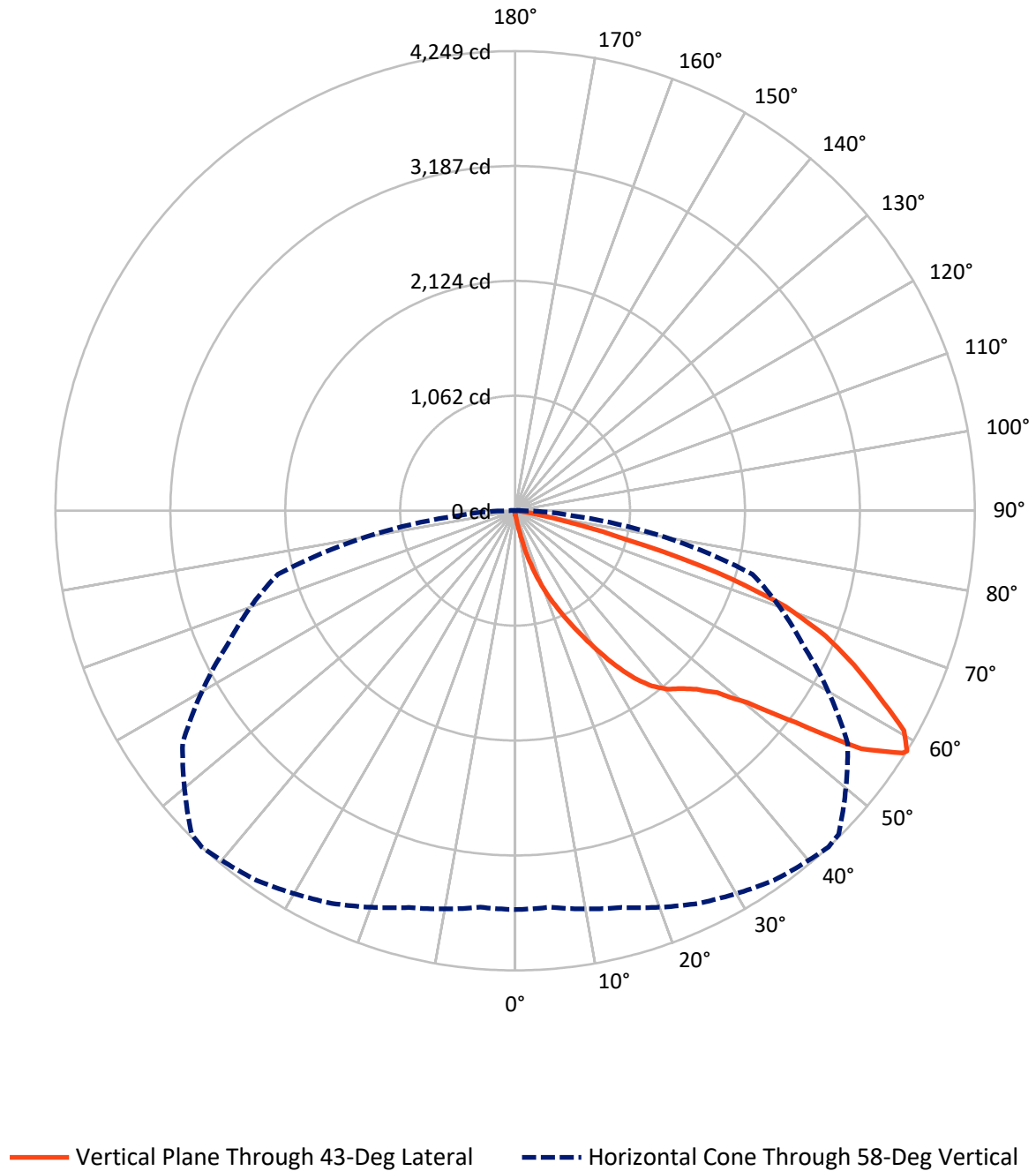


Based on 15 foot mounting height. Maximum calculated value = 5.8 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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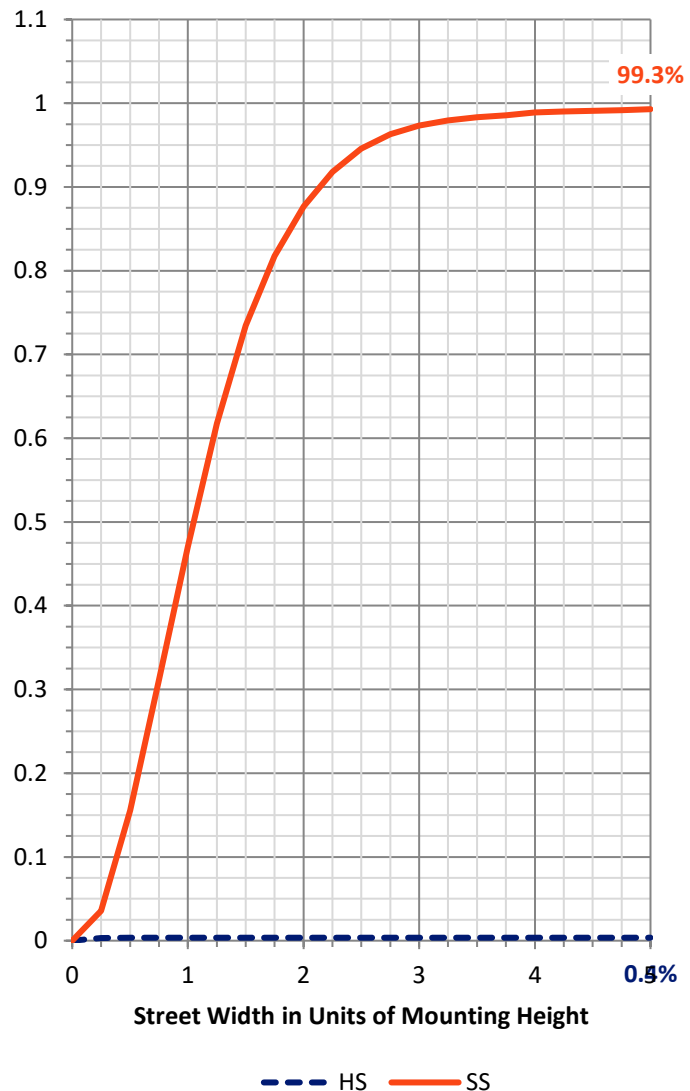
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	18.7	0.0	18.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5112.3	0.0	5112.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	5131.1	0.0	5131.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.9	0.1
10°-20°	59.0	1.1
20°-30°	212.6	4.1
30°-40°	486.4	9.5
40°-50°	820.4	16.0
50°-60°	1353.8	26.4
60°-70°	1513.0	29.5
70°-80°	624.7	12.2
80°-90°	56.3	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°	5131.1	100.0
0°-180°	5131.1	100.0



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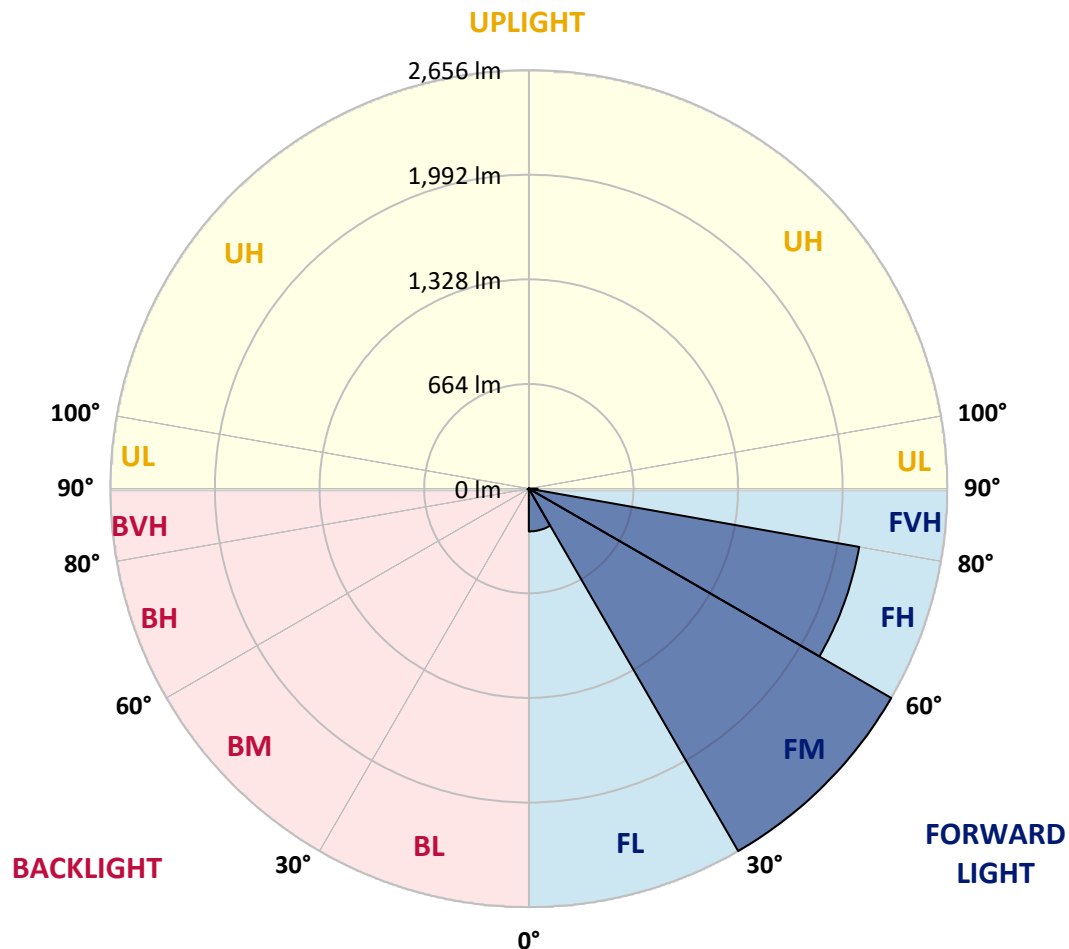
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	271.6	5.3			
FM	(30°-60°)	2656.0	51.8			
FH	(60°-80°)	2129.2	41.5			G2/5000
FVH	(80°-90°)	55.5	1.1			G1/100
BL	(0°-30°)	4.9	0.1	B0/110		
BM	(30°-60°)	4.5	0.1	B0/220		
BH	(60°-80°)	8.6	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-G2

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
2.5°	40.3	41.6	40.3	40.3	40.3	38.9	38.9	37.6	37.6	36.2	34.9
5°	59.0	59.0	55.0	52.3	49.7	48.3	47.0	44.3	41.6	38.9	36.2
7.5°	131.5	131.5	119.4	103.3	81.9	69.8	67.1	55.0	47.0	41.6	36.2
10°	314.0	314.0	287.2	242.9	187.9	139.6	124.8	79.2	56.4	44.3	37.6
12.5°	522.0	528.7	495.2	438.8	357.0	272.4	242.9	144.9	75.2	48.3	37.6
15°	708.6	692.5	683.1	629.4	551.6	450.9	413.3	244.2	108.7	55.0	37.6
17.5°	834.7	834.7	821.3	785.1	713.9	625.4	594.5	394.5	175.8	63.1	38.9
20°	982.3	982.3	958.2	932.7	869.6	794.5	764.9	561.0	272.4	80.5	38.9
22.5°	1160.8	1163.5	1136.7	1091.0	1030.6	947.4	921.9	715.3	394.5	107.4	40.3
25°	1378.2	1380.9	1342.0	1299.0	1206.4	1116.5	1077.6	892.4	543.5	150.3	40.3
27.5°	1618.4	1637.2	1579.5	1505.7	1407.7	1295.0	1265.5	1052.1	691.1	212.0	42.9
30°	1917.7	1917.7	1841.2	1737.9	1631.9	1492.3	1454.7	1219.9	848.1	293.9	45.6
32.5°	2175.4	2155.2	2057.3	1948.6	1835.8	1705.7	1665.4	1395.7	1009.2	395.9	51.0
35°	2372.6	2355.2	2234.4	2117.7	2019.7	1900.3	1851.9	1586.2	1179.6	511.3	59.0
37.5°	2541.7	2535.0	2371.3	2225.0	2160.6	2055.9	2013.0	1766.1	1347.4	636.1	68.4
40°	2726.9	2705.4	2531.0	2349.8	2253.2	2168.7	2129.7	1911.0	1508.4	782.4	81.9
42.5°	2885.3	2859.8	2702.8	2525.6	2360.6	2246.5	2208.9	2033.1	1665.4	928.7	99.3
45°	3061.1	3047.7	2889.3	2755.1	2535.0	2352.5	2302.9	2131.1	1809.0	1103.1	122.1
47.5°	3325.4	3301.3	3153.7	3043.6	2788.7	2513.5	2442.4	2231.7	1947.2	1274.9	157.0
50°	3632.8	3616.7	3529.4	3442.2	3188.6	2788.7	2704.1	2376.7	2101.6	1478.9	202.6
52.5°	3883.7	3881.0	3891.8	3893.1	3701.2	3251.6	3125.5	2610.2	2278.7	1680.2	267.1
55°	3878.3	3890.4	4008.5	4144.1	4158.8	3883.7	3761.6	3003.4	2509.5	1928.4	357.0
57.5°	3733.4	3724.0	3848.8	4052.8	4196.4	4225.9	4205.8	3614.0	2857.1	2227.7	495.2
58°	3686.4	3678.4	3796.5	4004.5	4169.6	4248.7	4228.6	3752.2	2934.9	2270.6	532.8
60°	3516.0	3517.4	3587.1	3776.4	3941.4	4129.3	4148.1	4146.7	3322.8	2557.8	722.0
62.5°	3290.6	3279.8	3344.2	3498.6	3643.5	3769.6	3801.9	4173.6	3890.4	2922.9	1083.0
65°	2979.2	2963.1	3031.6	3206.0	3361.7	3443.5	3444.9	3813.9	4157.5	3314.7	1598.3
67.5°	2400.8	2387.4	2524.3	2748.4	2988.6	3096.0	3144.3	3309.3	3932.0	3580.4	1893.5
70°	1470.8	1499.0	1689.6	2041.2	2451.8	2649.1	2721.6	2772.5	3348.3	3540.2	1583.5
72.5°	679.0	645.5	807.9	1053.5	1521.8	1960.6	2035.8	2235.8	2654.5	3073.2	1180.9
75°	316.7	304.6	342.2	460.3	689.8	1058.8	1195.7	1784.8	2035.8	2137.8	852.2
77.5°	162.4	163.7	194.6	209.4	284.5	489.8	562.3	1174.2	1492.3	1193.0	571.7
80°	71.1	73.8	75.2	81.9	115.4	189.2	213.4	544.8	1019.9	607.9	312.7
82.5°	45.6	47.0	47.0	47.0	55.0	75.2	85.9	218.7	508.6	301.9	96.6
85°	24.2	24.2	26.8	33.5	38.9	45.6	48.3	69.8	167.7	89.9	22.8
87.5°	13.4	14.8	16.1	20.1	25.5	30.9	33.5	48.3	64.4	61.7	5.4
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-SA1C-827-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
2.5°	34.9	33.5	32.2	30.9	29.5	28.2	28.2	28.2	28.2	28.2	28.2
5°	33.5	32.2	30.9	28.2	25.5	24.2	22.8	21.5	21.5	21.5	21.5
7.5°	33.5	32.2	28.2	25.5	22.8	20.1	17.4	17.4	17.4	17.4	17.4
10°	33.5	30.9	26.8	22.8	18.8	16.1	14.8	13.4	13.4	13.4	13.4
12.5°	33.5	29.5	25.5	20.1	16.1	13.4	12.1	10.7	10.7	10.7	10.7
15°	33.5	29.5	24.2	18.8	14.8	10.7	9.4	8.1	8.1	8.1	8.1
17.5°	32.2	28.2	22.8	16.1	12.1	8.1	6.7	5.4	5.4	6.7	6.7
20°	30.9	26.8	20.1	13.4	9.4	6.7	4.0	4.0	4.0	4.0	4.0
22.5°	30.9	26.8	18.8	12.1	8.1	4.0	2.7	2.7	2.7	2.7	4.0
25°	30.9	25.5	16.1	9.4	5.4	2.7	1.3	1.3	1.3	1.3	1.3
27.5°	30.9	25.5	14.8	8.1	4.0	2.7	1.3	0.0	0.0	0.0	0.0
30°	29.5	24.2	13.4	6.7	2.7	1.3	0.0	0.0	0.0	0.0	0.0
32.5°	29.5	22.8	10.7	5.4	2.7	1.3	0.0	0.0	0.0	0.0	0.0
35°	30.9	21.5	9.4	4.0	1.3	0.0	0.0	0.0	0.0	0.0	1.3
37.5°	32.2	20.1	8.1	2.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0
40°	33.5	18.8	8.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	36.2	18.8	6.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	38.9	18.8	5.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	44.3	20.1	5.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	48.3	21.5	4.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	53.7	20.1	4.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	60.4	20.1	4.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	65.8	18.8	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	68.4	17.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	81.9	16.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	127.5	13.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	259.0	12.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	483.1	10.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	540.8	12.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	340.9	9.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	179.8	9.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	89.9	9.4	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	41.6	6.7	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	17.4	4.0	2.7	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	8.1	4.0	2.7	2.7	1.3	1.3	0.0	0.0	0.0	0.0	0.0
87.5°	4.0	4.0	4.0	2.7	2.7	1.3	1.3	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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

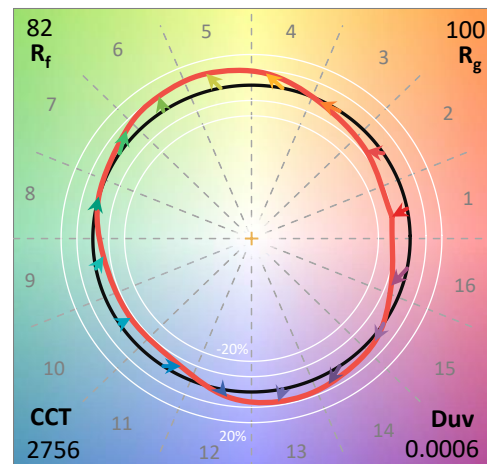
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 Rf: 82.2
 Rg: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

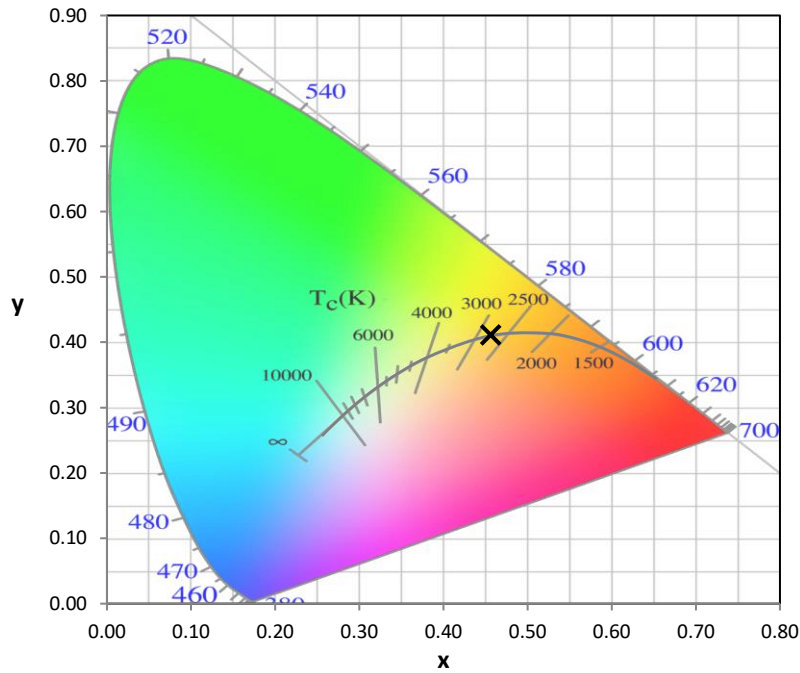
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

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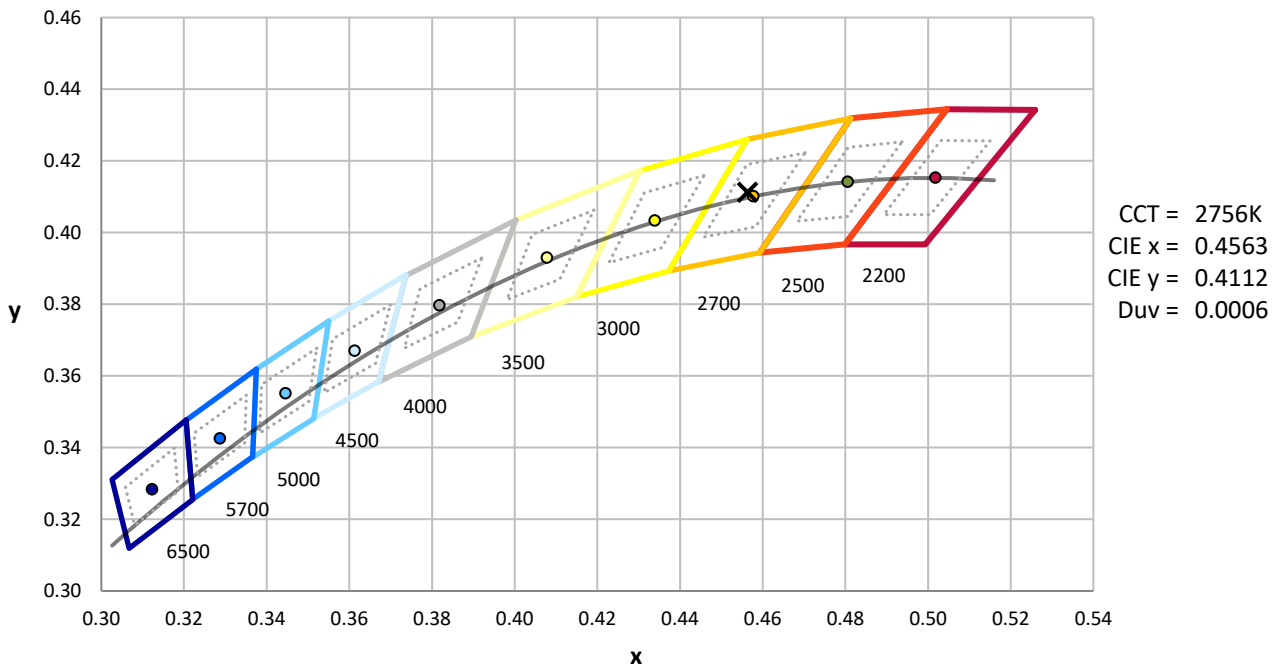
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



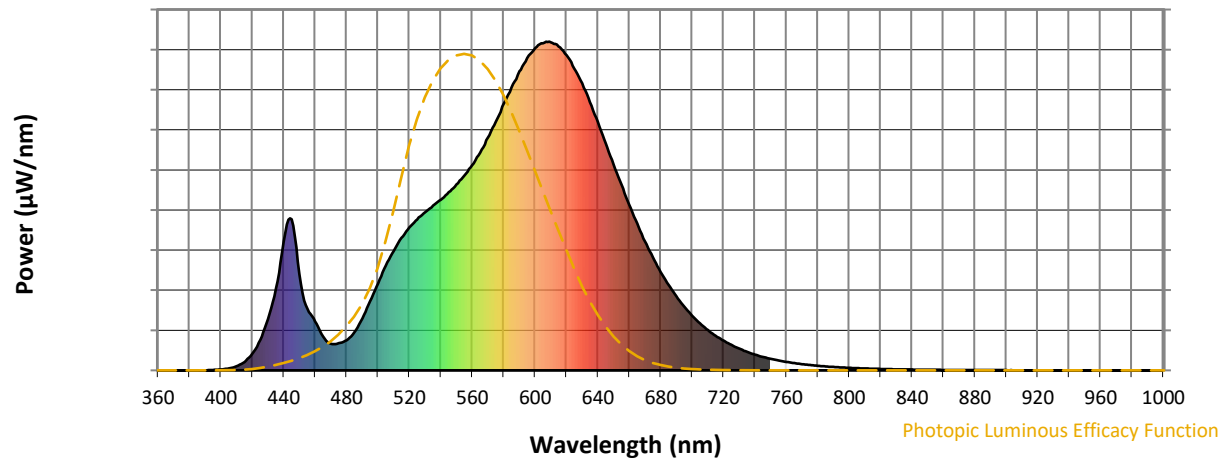
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

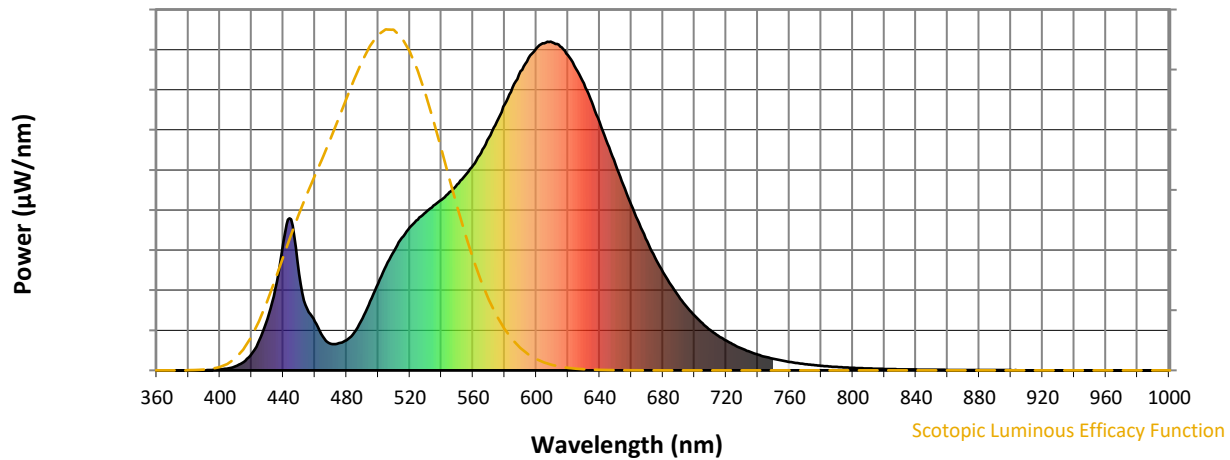


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



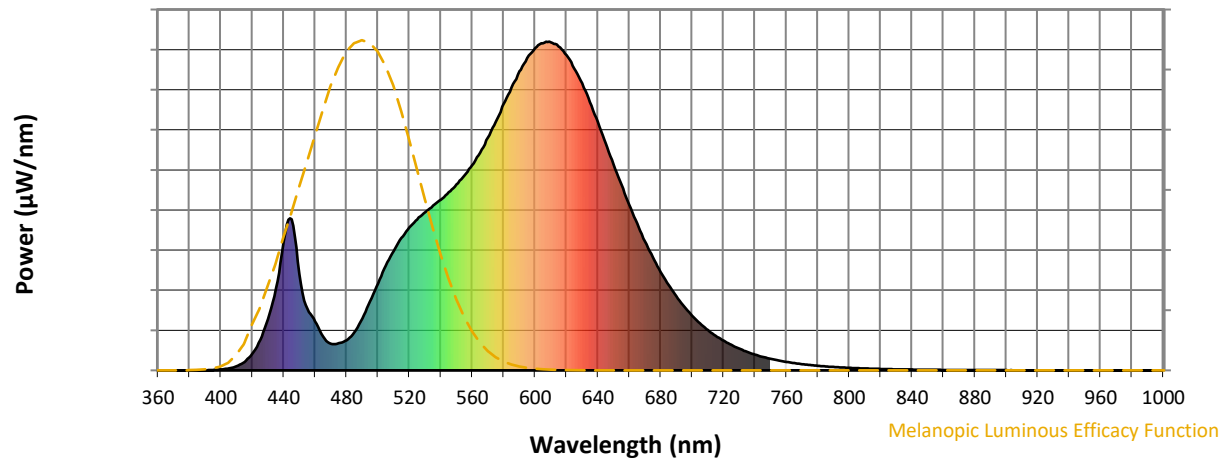
Scotopic Lumens: NR

S/P: 1.2

λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.16

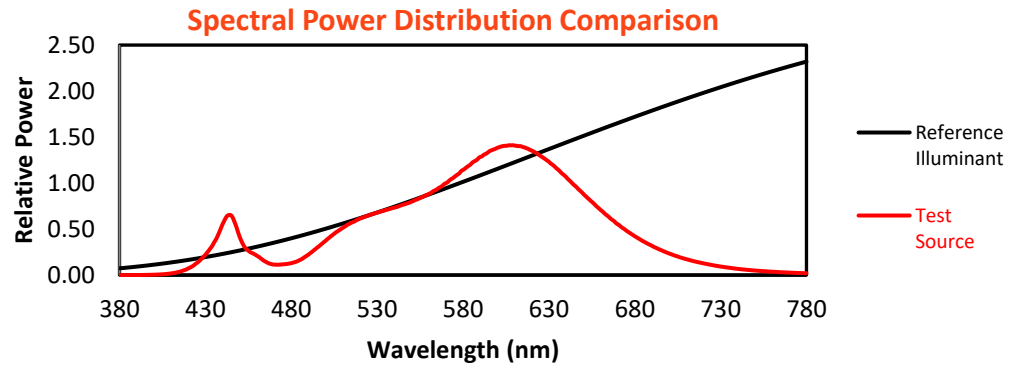
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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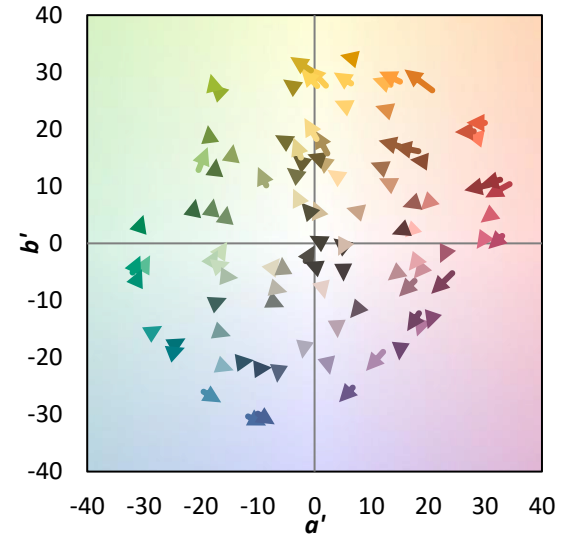
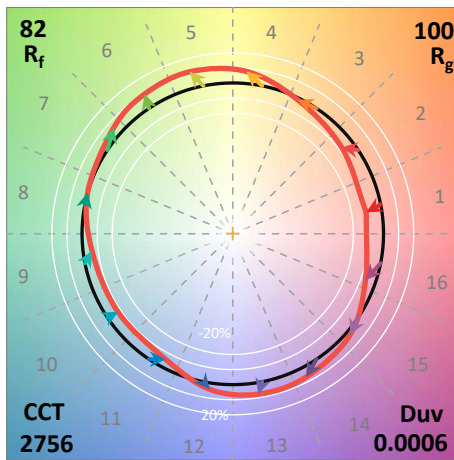
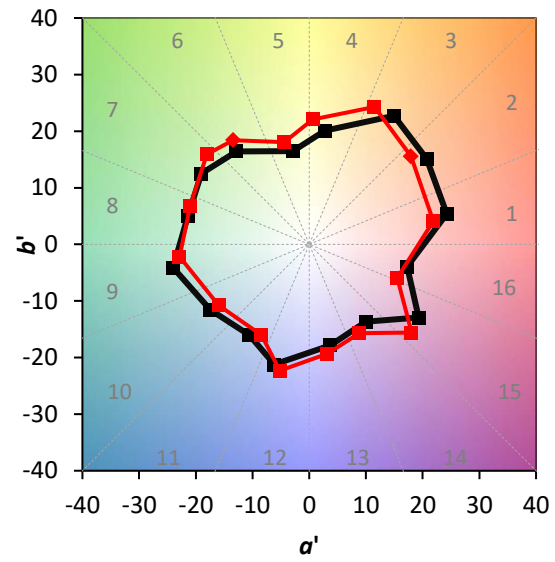
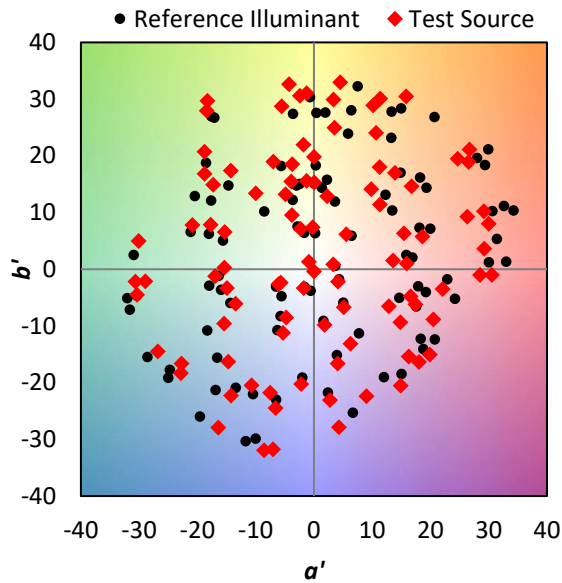
TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$

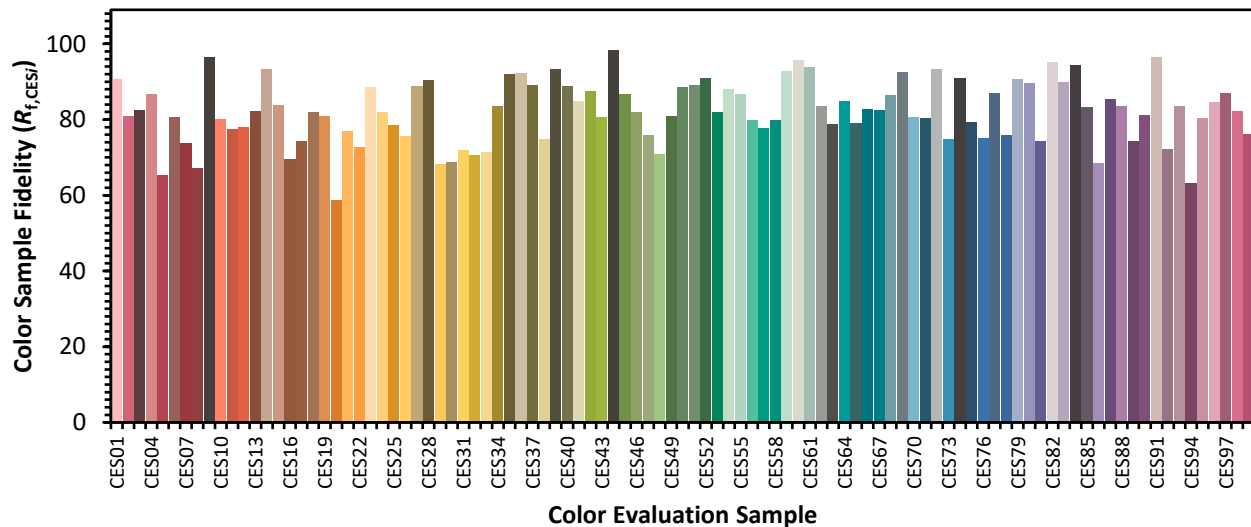


Color Vector Graphics

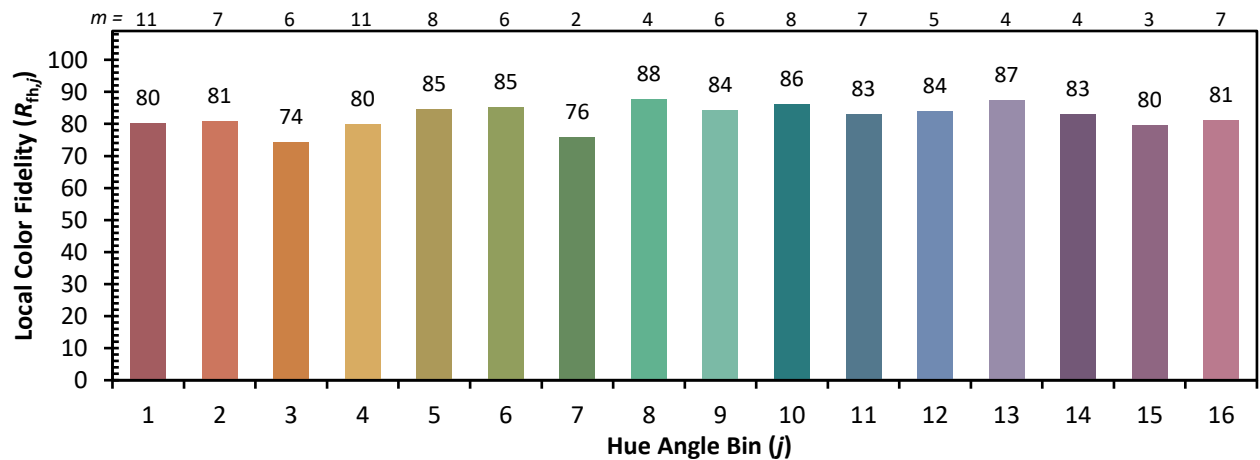
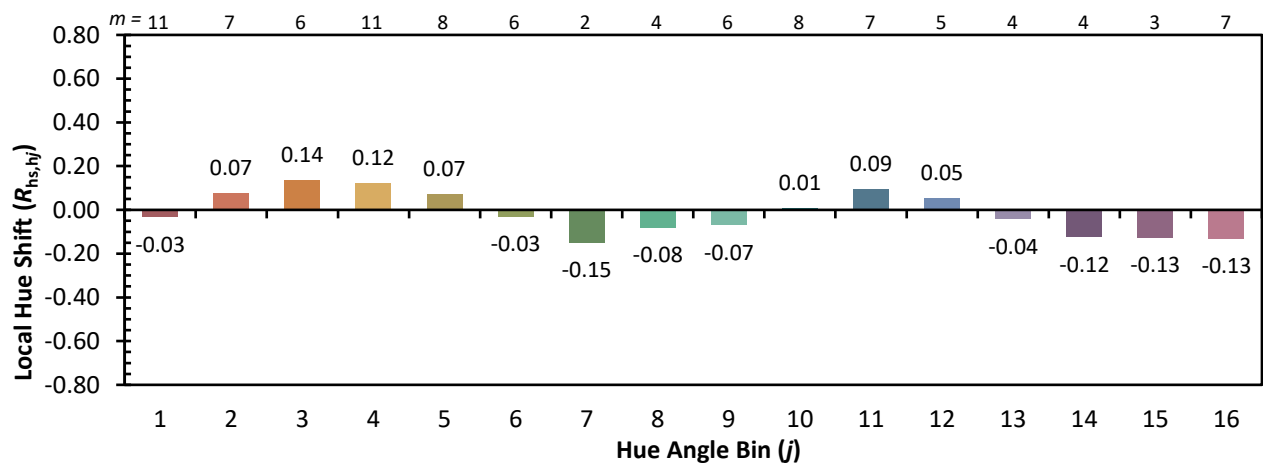
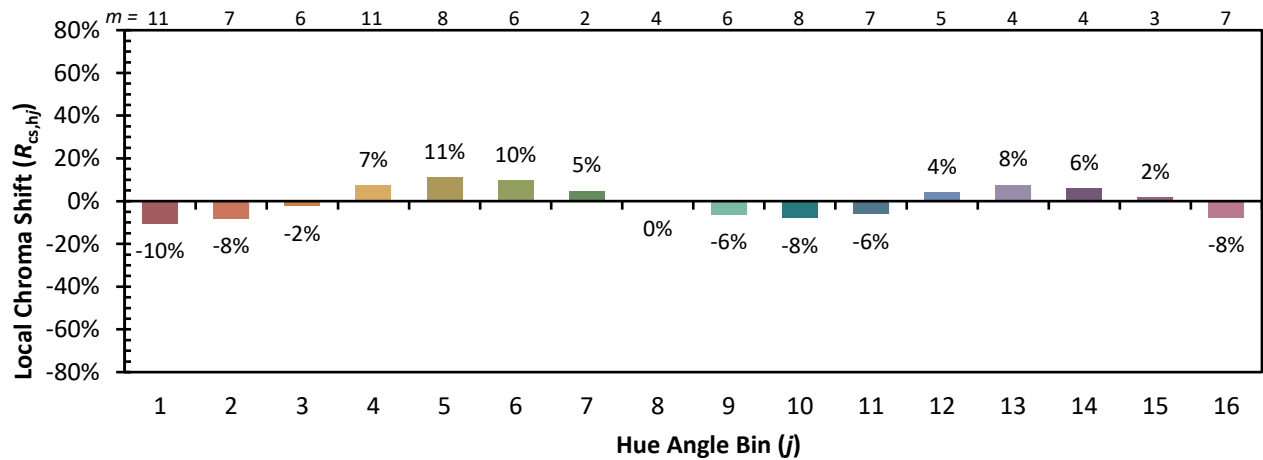


Individual Sample Fidelity Index ($R_{f,i}$)

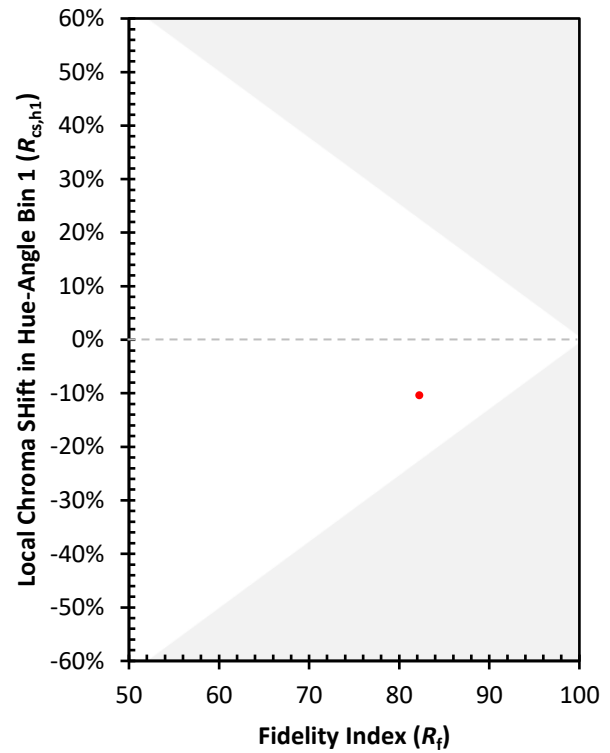
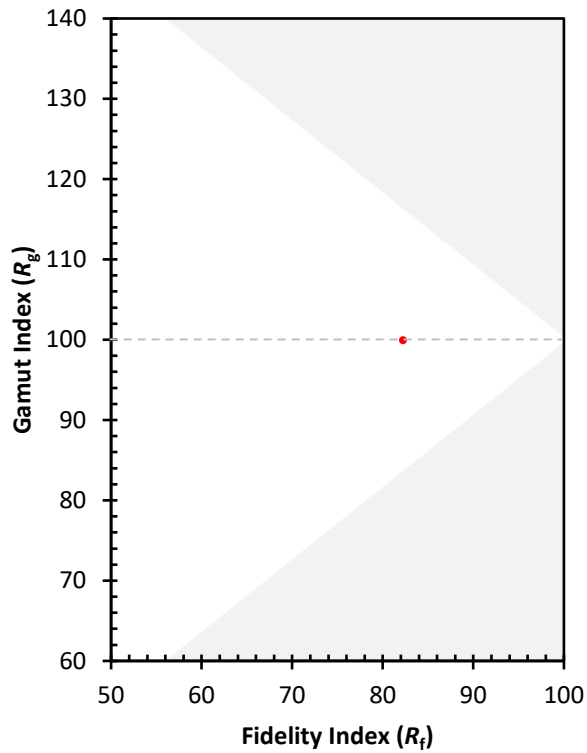
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)