

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: STREETWORKS

Report Number: P1057495

Luminaire Tested: **GAP-SA1B-830-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1057495
Test Lab: INNOVATION CENTER(G1)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAP-SA1B-830-U-T3BC
Description: GALLEON PEDESTRAIAN COMPANION 800mA 1xLight Square PACKAGE 80CRI
3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3704.6 lumens
Efficiency: N/A
Efficacy: 97.2 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 38.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

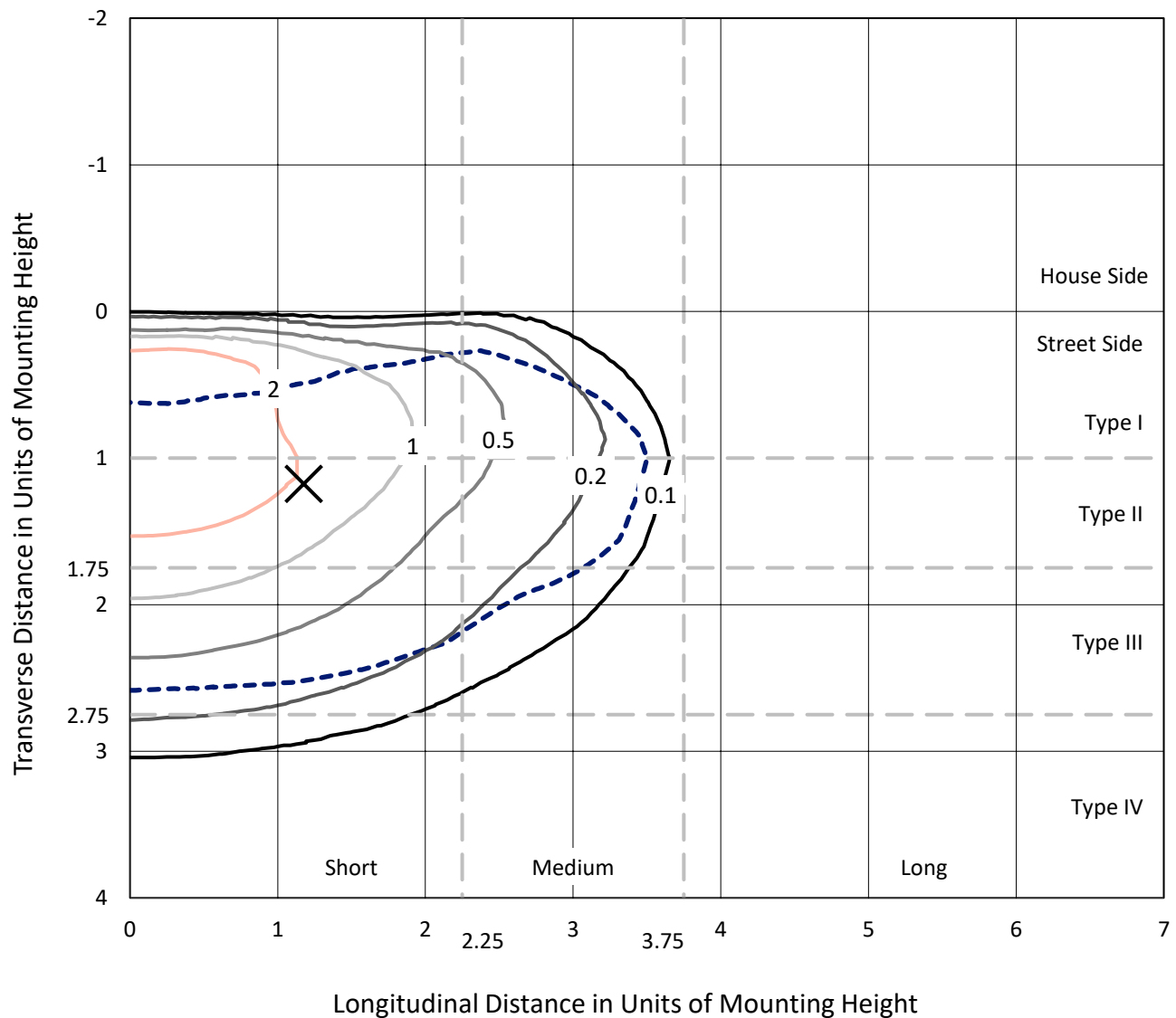


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

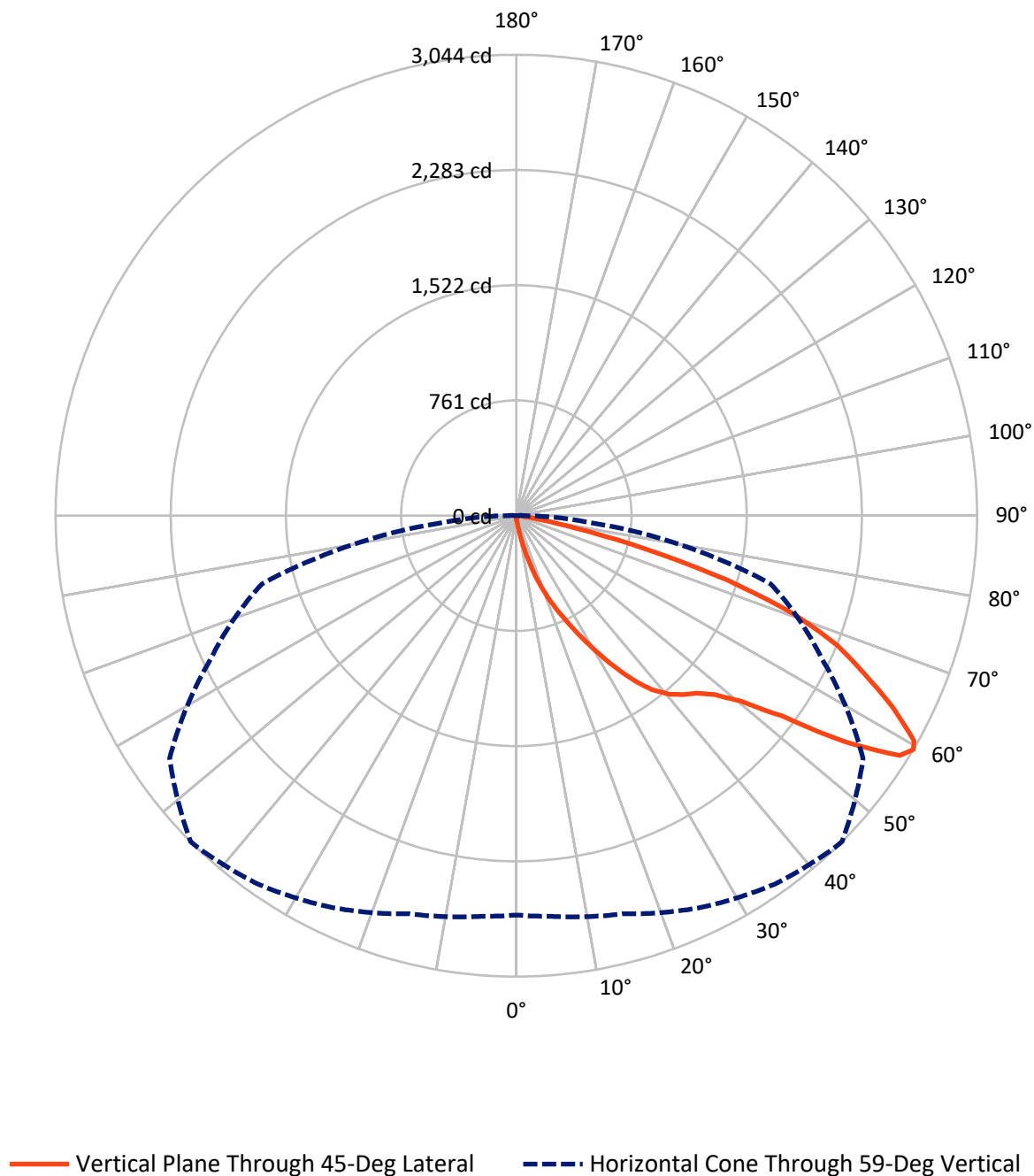


Based on 15 foot mounting height. Maximum calculated value = 4.1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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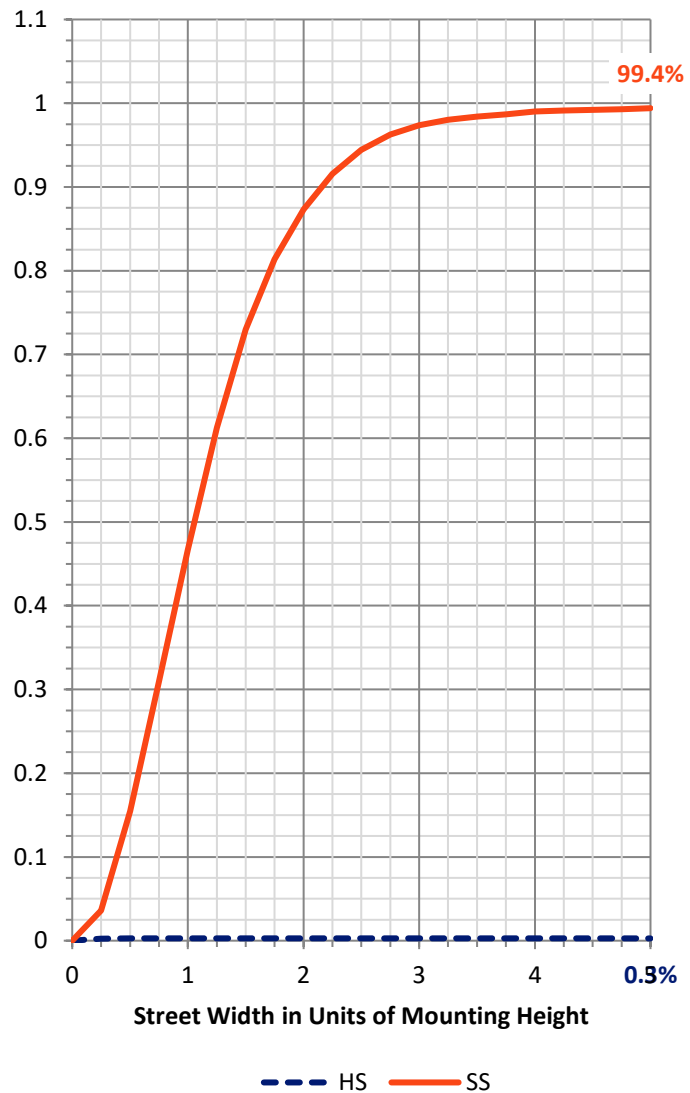
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10.0	0.0	10.0
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	3694.6	0.0	3694.6
	% Fixture	99.7	0.0	99.7
Total	Lumens	3704.6	0.0	3704.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.6	0.1
10°-20°	42.9	1.2
20°-30°	151.6	4.1
30°-40°	349.5	9.4
40°-50°	589.6	15.9
50°-60°	972.1	26.2
60°-70°	1104.3	29.8
70°-80°	454.0	12.3
80°-90°	37.0	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°	3704.6	100.0
0°-180°	3704.6	100.0



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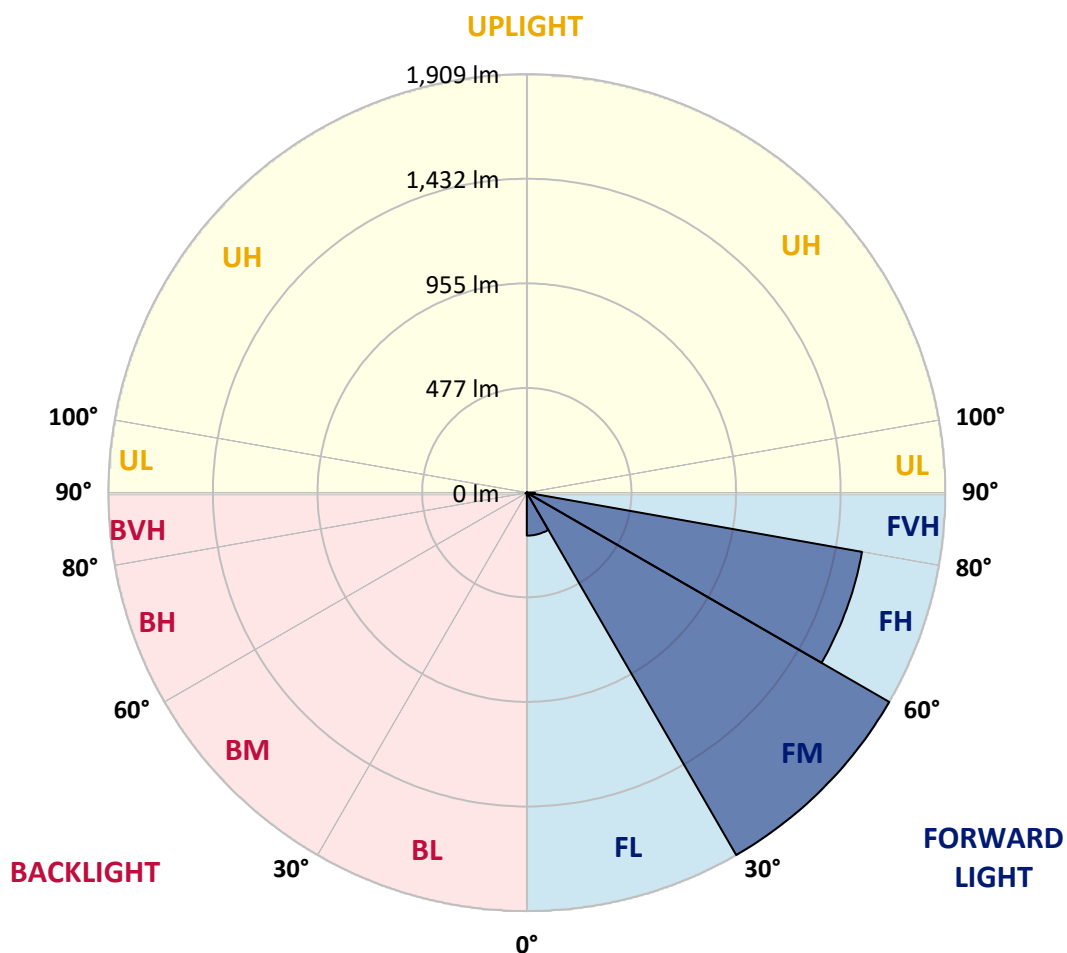
CATALOG NUMBER: GAP-SA1B-830-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	196.0	5.3			
FM	(30°-60°)	1909.3	51.5			
FH	(60°-80°)	1552.6	41.9			G1/1800
FVH	(80°-90°)	36.7	1.0			G1/100
BL	(0°-30°)	2.1	0.1	B0/110		
BM	(30°-60°)	1.9	0.1	B0/220		
BH	(60°-80°)	5.7	0.2	B0/110		G0/110
BVH	(80°-90°)	0.3	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
2.5°	27.7	28.0	27.7	27.4	26.2	24.9	24.9	24.0	23.1	22.2	21.3
5°	48.7	47.5	46.3	43.6	38.5	34.0	33.4	29.5	26.2	23.7	21.6
7.5°	123.5	120.2	108.8	95.3	72.4	55.6	55.0	41.8	31.6	25.9	21.9
10°	257.9	248.9	231.4	202.6	156.6	114.5	105.5	64.3	41.5	28.6	22.2
12.5°	392.0	392.3	375.7	336.4	280.1	212.5	200.8	116.3	59.2	33.4	22.5
15°	509.8	506.8	492.4	464.4	403.7	325.5	315.0	199.9	89.6	40.0	23.1
17.5°	600.0	595.8	587.0	568.1	523.6	446.7	435.5	301.5	138.9	48.7	23.4
20°	705.8	702.8	691.6	665.5	624.9	563.6	547.7	412.7	211.6	63.1	24.0
22.5°	836.8	828.1	814.6	781.2	731.0	665.2	659.8	525.7	300.9	85.7	25.2
25°	988.3	976.0	960.1	918.0	856.1	776.1	769.5	636.6	397.1	119.6	27.1
27.5°	1172.0	1160.6	1132.0	1077.6	1003.3	907.8	900.2	750.0	503.8	165.9	29.5
30°	1371.0	1356.2	1309.0	1238.4	1167.8	1054.7	1036.7	866.0	610.5	223.6	32.8
32.5°	1556.4	1537.5	1479.2	1395.6	1321.7	1202.3	1186.4	997.0	722.6	292.5	37.9
35°	1720.8	1698.6	1617.7	1526.7	1452.4	1347.2	1332.8	1124.5	831.4	370.6	44.2
37.5°	1851.6	1836.9	1725.1	1622.3	1561.8	1468.7	1459.0	1261.3	952.6	460.8	52.9
40°	1986.6	1967.0	1835.7	1706.1	1637.6	1560.0	1548.6	1371.3	1068.9	558.2	63.7
42.5°	2100.8	2082.4	1958.9	1821.5	1714.5	1622.3	1615.0	1463.5	1181.6	659.5	77.9
45°	2221.6	2205.1	2094.5	1986.9	1826.3	1684.2	1671.8	1539.9	1291.6	777.9	96.5
47.5°	2387.5	2365.6	2260.1	2177.4	1993.8	1779.5	1765.6	1614.7	1403.1	901.8	122.3
50°	2595.2	2579.3	2503.0	2437.1	2242.4	1953.2	1923.7	1711.8	1508.9	1043.6	156.0
52.5°	2796.9	2791.5	2796.9	2773.5	2625.3	2254.7	2197.3	1875.0	1643.6	1191.8	199.9
55°	2822.2	2838.7	2903.9	2979.1	2954.4	2686.6	2638.2	2123.6	1810.1	1378.8	266.9
57.5°	2730.8	2740.1	2823.4	2955.9	3035.6	2994.7	2988.7	2535.1	2045.2	1600.9	367.6
59°	2637.3	2655.7	2722.1	2857.4	2971.6	3038.9	3043.7	2796.3	2224.0	1739.2	450.6
60°	2585.3	2591.0	2642.4	2775.6	2898.2	3004.6	3018.5	2930.1	2365.0	1843.5	524.8
62.5°	2421.2	2424.2	2451.9	2556.8	2665.3	2763.3	2792.4	3011.6	2756.4	2105.0	787.2
65°	2206.6	2210.5	2252.3	2353.0	2456.4	2522.2	2534.5	2783.1	2962.6	2377.3	1153.6
67.5°	1819.7	1841.7	1894.9	2053.6	2199.1	2277.8	2286.8	2380.3	2849.8	2561.6	1347.5
70°	1232.1	1211.4	1343.3	1564.2	1827.3	1945.7	1946.3	1987.2	2426.0	2516.2	1123.6
72.5°	538.0	571.1	667.3	861.8	1180.4	1465.9	1459.9	1598.8	1934.9	2137.8	835.3
75°	236.3	243.8	284.4	387.5	536.8	796.2	887.9	1283.5	1456.3	1398.0	607.5
77.5°	127.1	129.0	139.8	162.0	205.3	376.0	397.1	813.1	1032.5	805.9	392.6
80°	48.4	48.4	50.5	58.0	85.7	147.0	157.8	367.3	712.4	411.8	198.4
82.5°	30.4	29.8	30.1	30.4	34.9	50.2	53.5	146.1	336.4	203.2	52.3
85°	15.3	15.9	17.7	21.3	25.2	31.0	31.9	45.7	102.2	47.5	13.5
87.5°	9.9	10.2	11.1	14.4	17.7	22.5	23.1	31.9	40.6	33.4	2.7
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: GAP-SA1B-830-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
2.5°	21.0	20.4	19.5	18.6	17.7	16.2	15.0	14.4	14.1	13.8	13.8
5°	20.7	19.8	18.0	16.5	15.0	13.2	11.7	10.8	10.5	10.2	10.2
7.5°	20.4	18.9	16.8	14.7	12.6	10.5	8.7	7.8	7.5	7.2	6.9
10°	20.1	18.3	15.3	12.9	10.5	8.1	6.3	5.1	4.8	4.5	4.5
12.5°	19.8	17.4	14.1	11.4	8.4	5.7	4.2	3.0	2.4	2.1	2.1
15°	19.5	16.5	13.2	9.6	6.3	3.6	1.8	0.9	0.3	0.3	0.3
17.5°	18.6	15.6	11.7	7.5	4.2	1.8	0.6	0.0	0.0	0.0	0.0
20°	18.0	14.7	10.2	5.7	2.4	0.9	0.0	0.0	0.0	0.0	0.0
22.5°	17.7	14.1	8.7	3.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0
25°	17.7	13.5	7.2	3.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	18.0	12.9	5.7	2.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
30°	17.4	12.3	4.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	17.4	11.1	3.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	17.7	9.6	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	18.6	8.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	20.1	7.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	22.2	7.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	24.6	7.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	28.3	7.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	32.5	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	37.3	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	42.4	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	49.3	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	56.5	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	64.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	103.4	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	202.9	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	346.9	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	368.5	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	242.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	123.2	4.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	55.3	4.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	22.2	2.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	9.0	1.8	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.6	1.8	1.2	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	1.8	1.5	1.2	0.6	0.0	0.0	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

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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

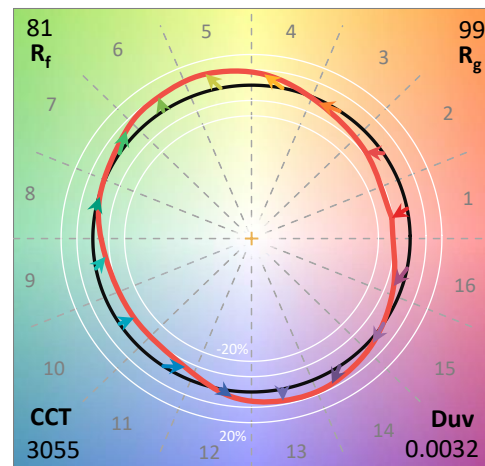
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-9
 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-830-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3055
 CIE u' : 0.2475
 CIE v' : 0.5247
 Duv: 0.0032
 CIE x: 0.4377
 CIE y: 0.4124
 CIE z: 0.1499
 Peak Wavelength (nm): 604
 Dominant Wavelength (nm): 581
 Purity: 55.16339
 R_f: 81.5
 R_g: 99.2

CRI (Ra): 80.9
 R1: 79.5
 R2: 85.6
 R3: 92.1
 R4: 82.4
 R5: 78.9
 R6: 81.7
 R7: 85.1
 R8: 61.9
 R9: 6.8
 R10: 67.1
 R11: 82.5
 R12: 63.4
 R13: 80.2
 R14: 95.1
 R15: 71.7



Test Conditions

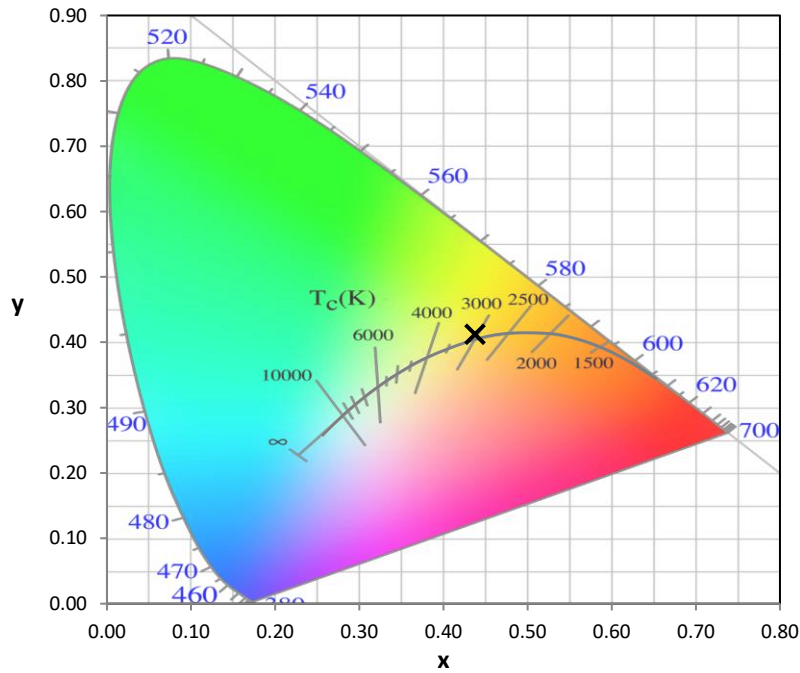
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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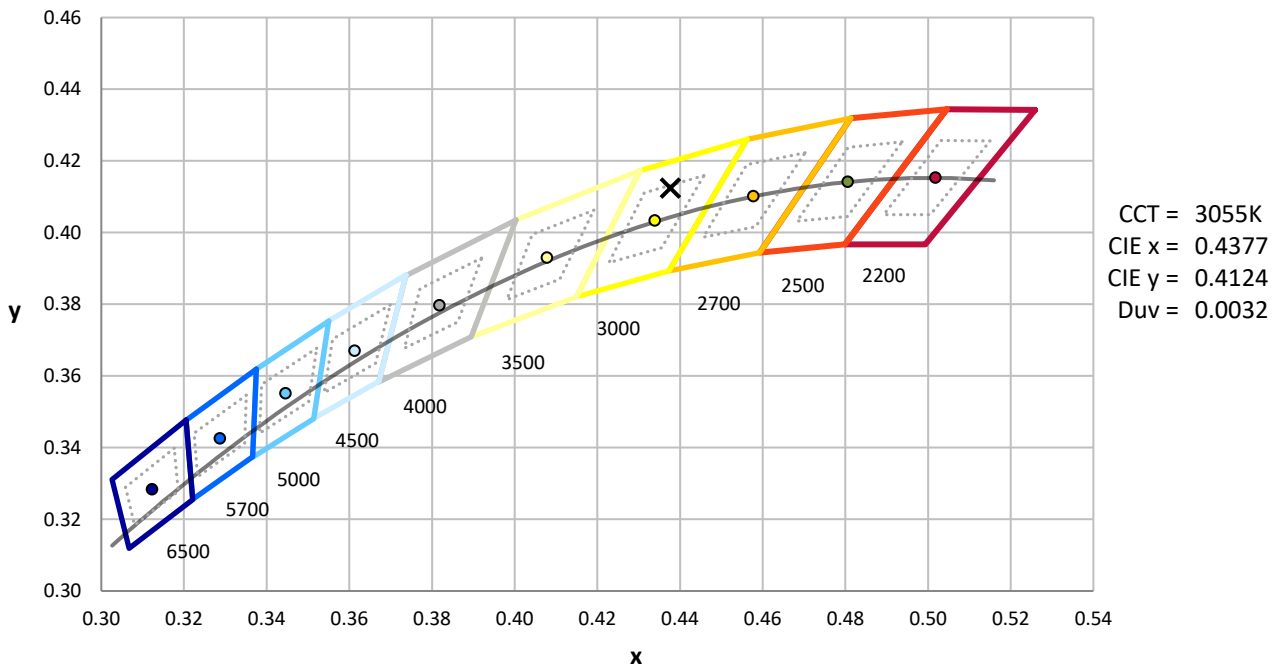
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



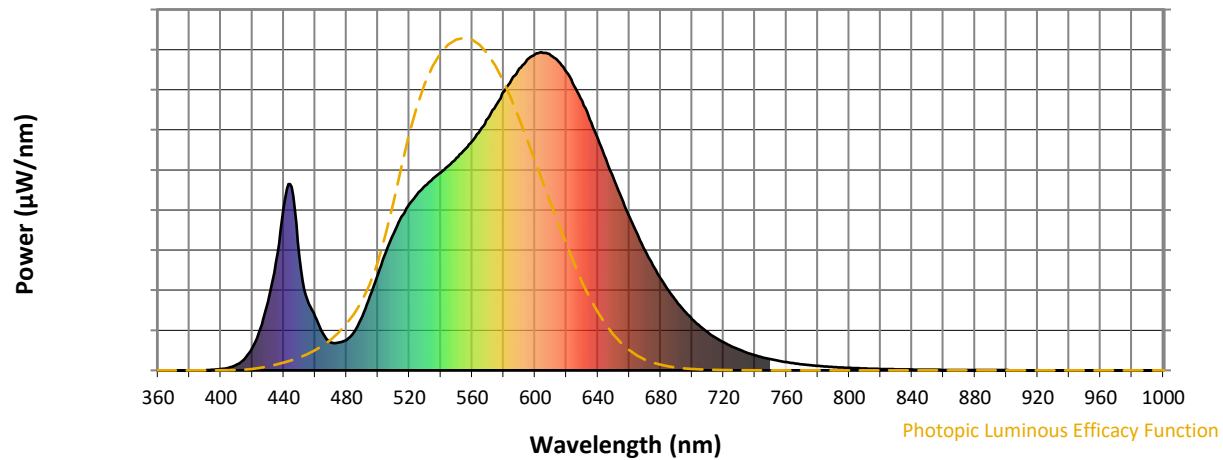
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

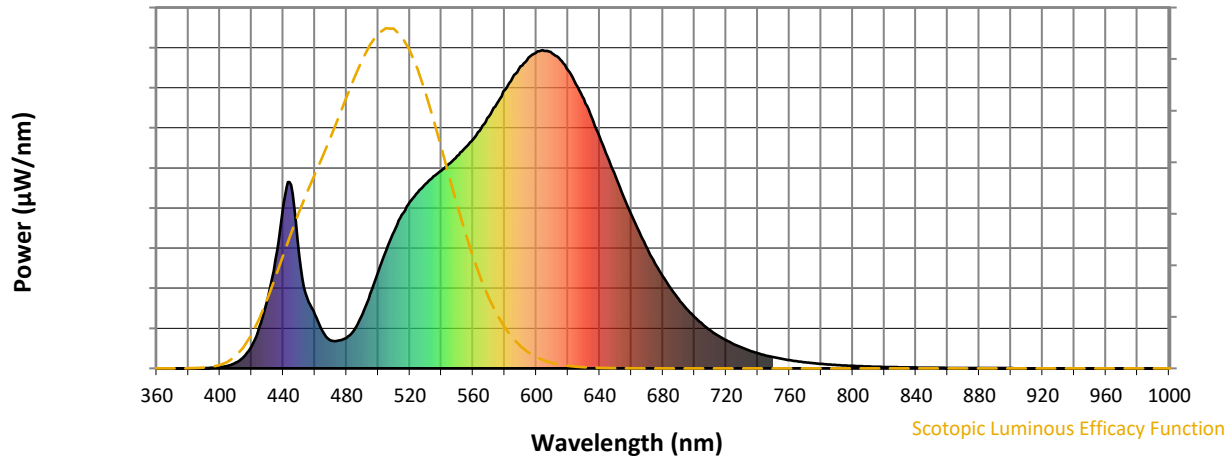


Photopic Lumens: NR

λ (nm)	Power 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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



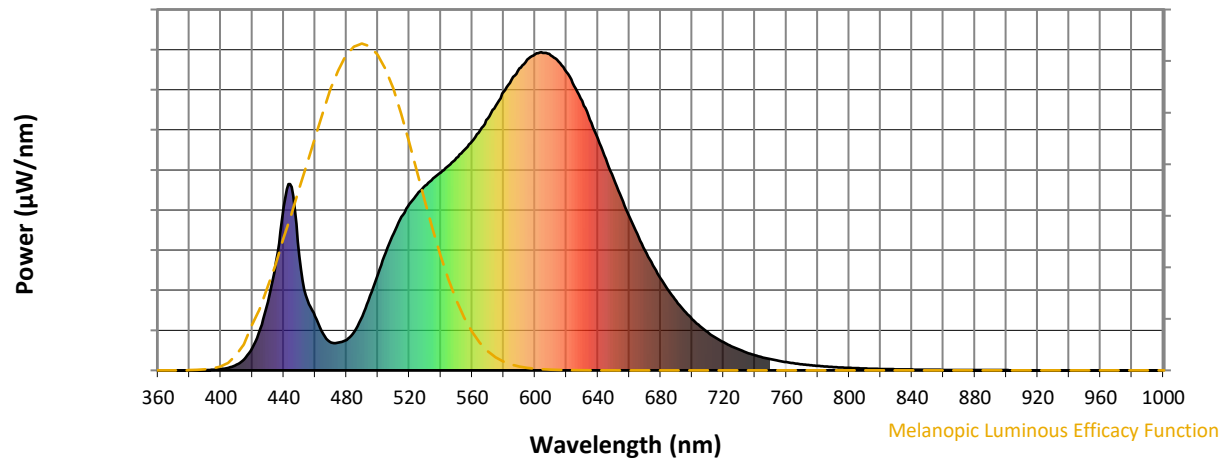
Scotopic Lumens: NR

S/P: 1.28

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.33

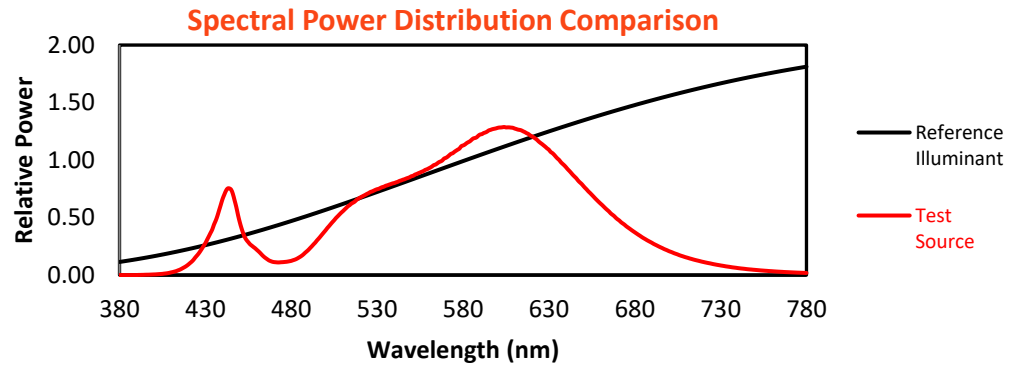
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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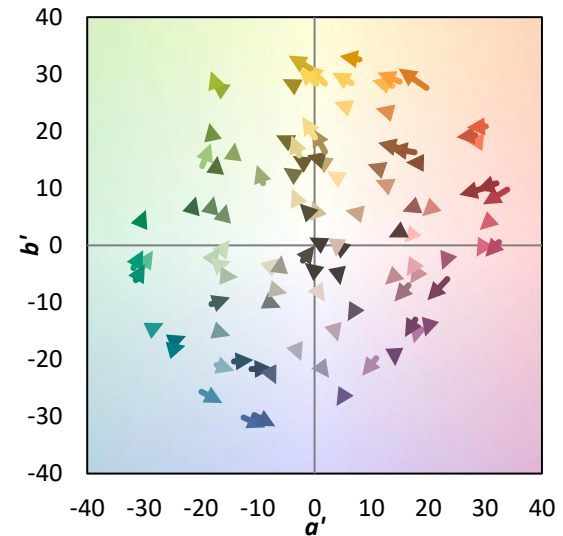
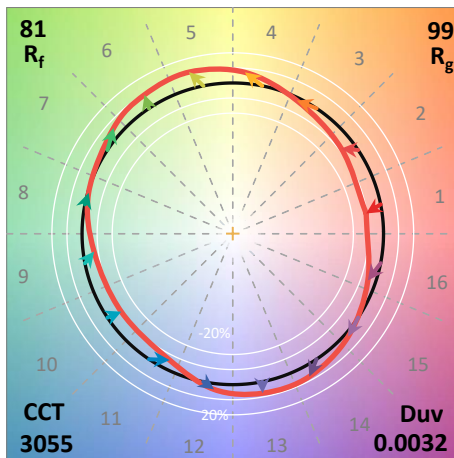
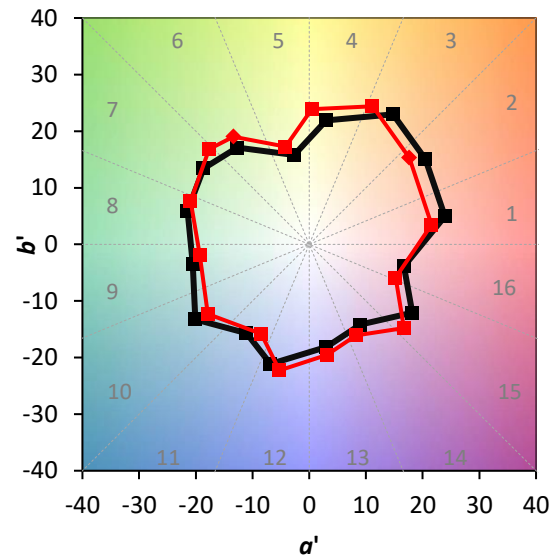
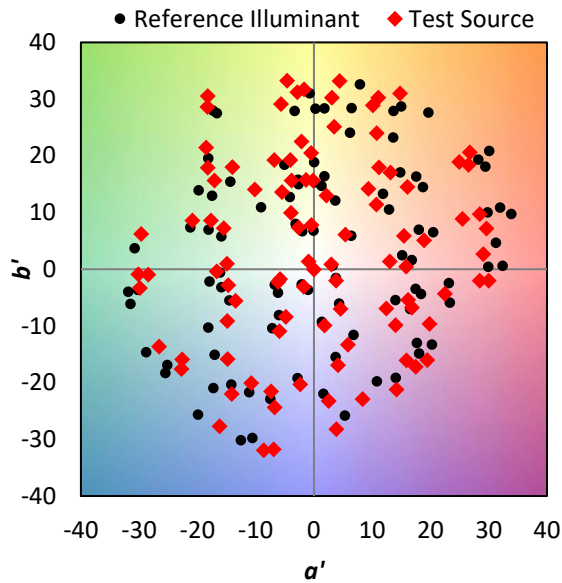
TM-30-18

Summary

$R_f = 81.5$
 $R_g = 99.2$
 $CIE R_a = 80.9$
 $R_g = 6.8$

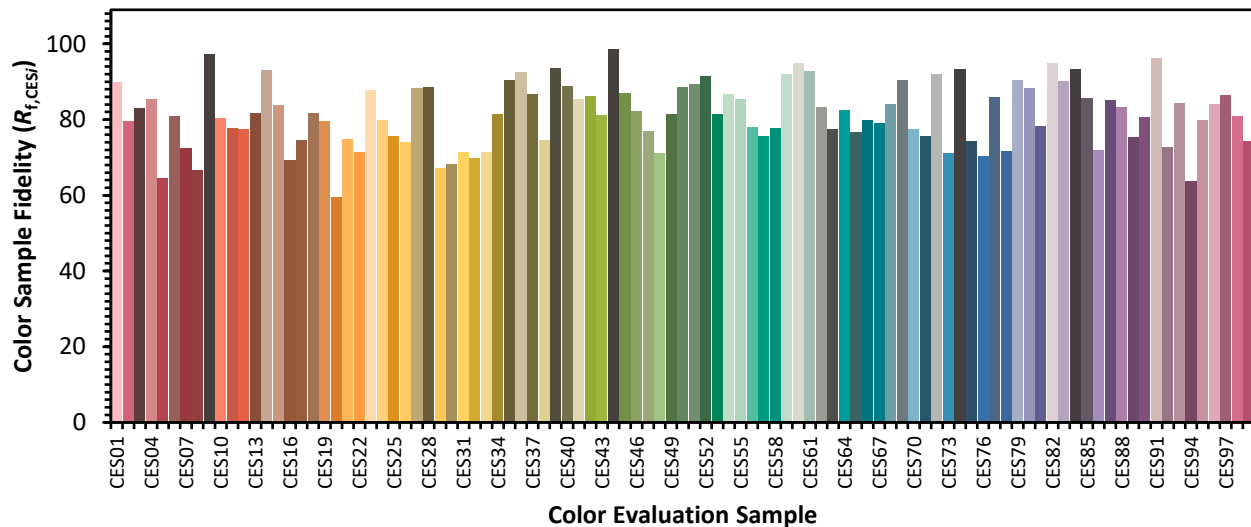


Color Vector Graphics

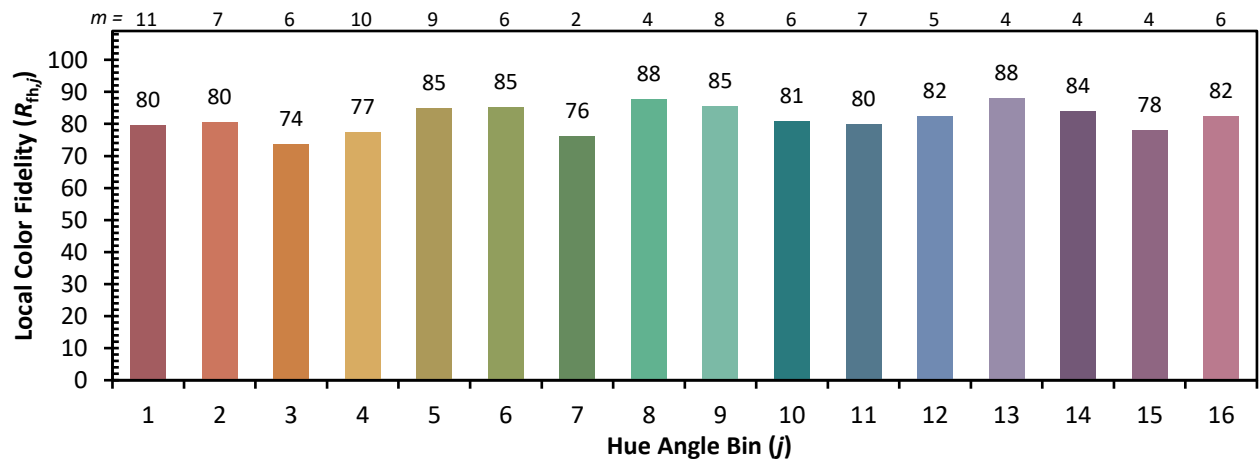
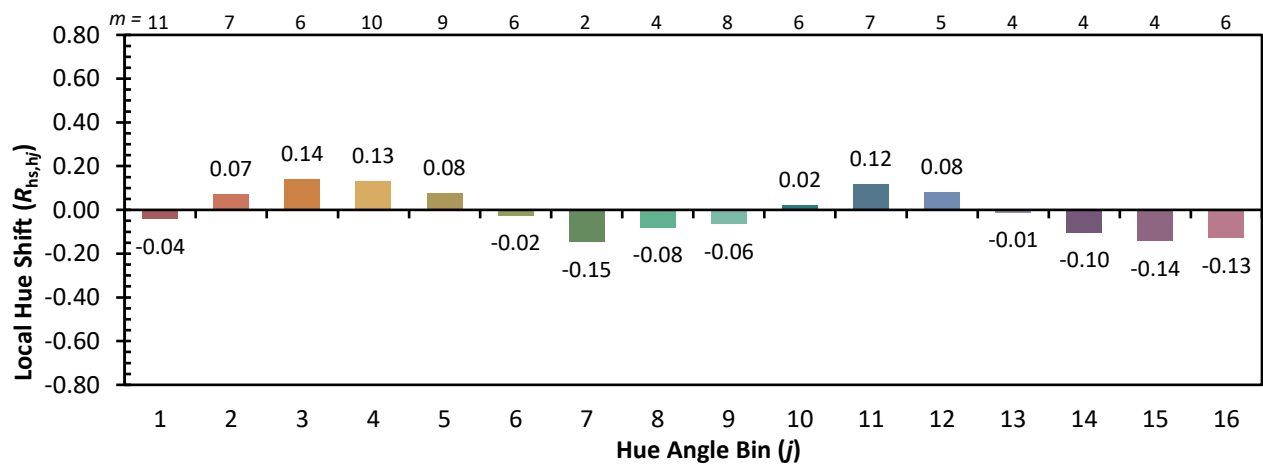
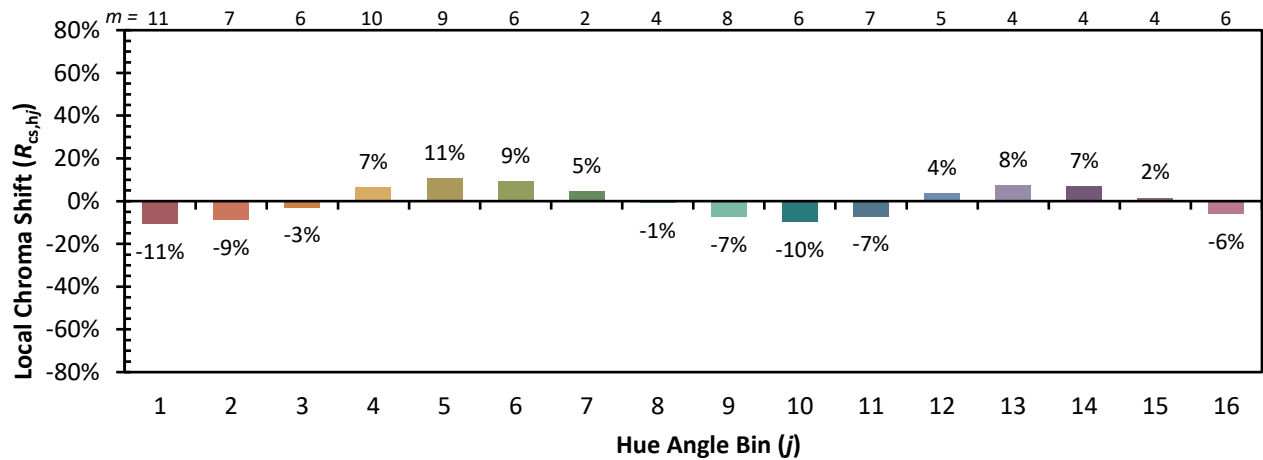


Individual Sample Fidelity Index ($R_{f,i}$)

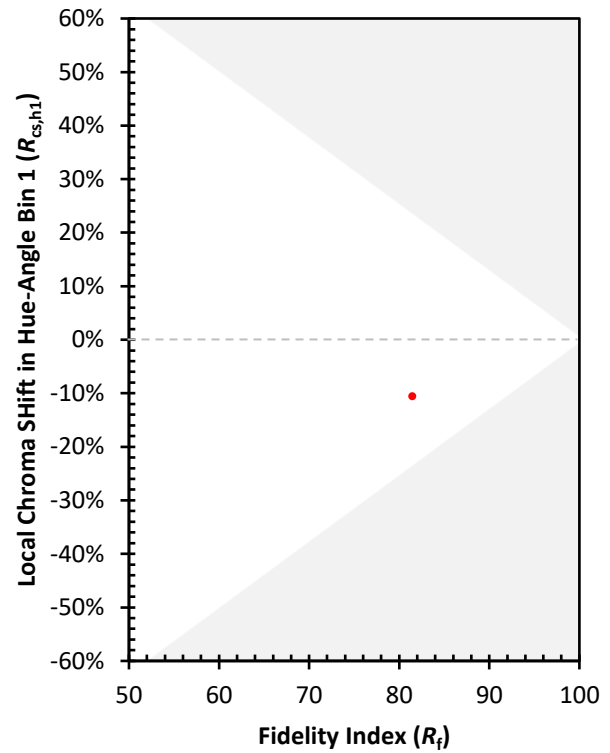
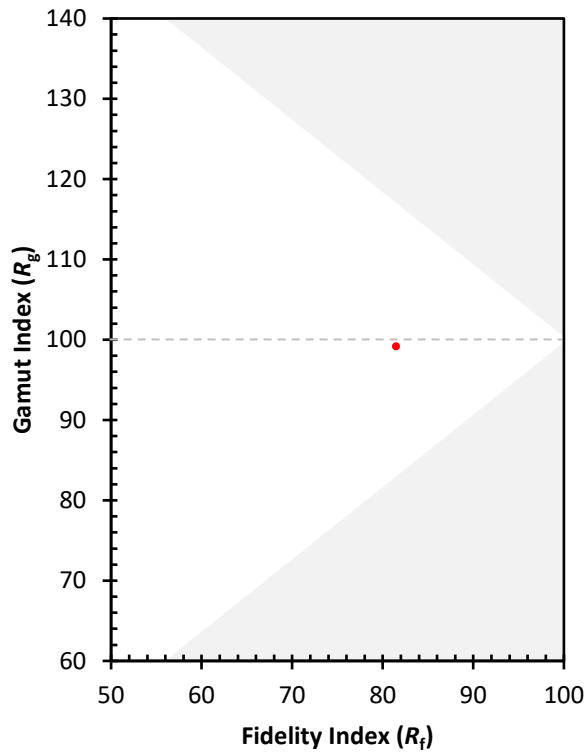
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)