

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: P1057494

Luminaire Tested: **GAP-SA1C-830-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1057494
Test Lab: INNOVATION CENTER(G1)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAP-SA1C-830-U-T3BC
Description: GALLEON PEDESTRAIAN COMPANION 1050mA 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: 4565.6 lumens
Efficiency: N/A
Efficacy: 92.4 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 49.4
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

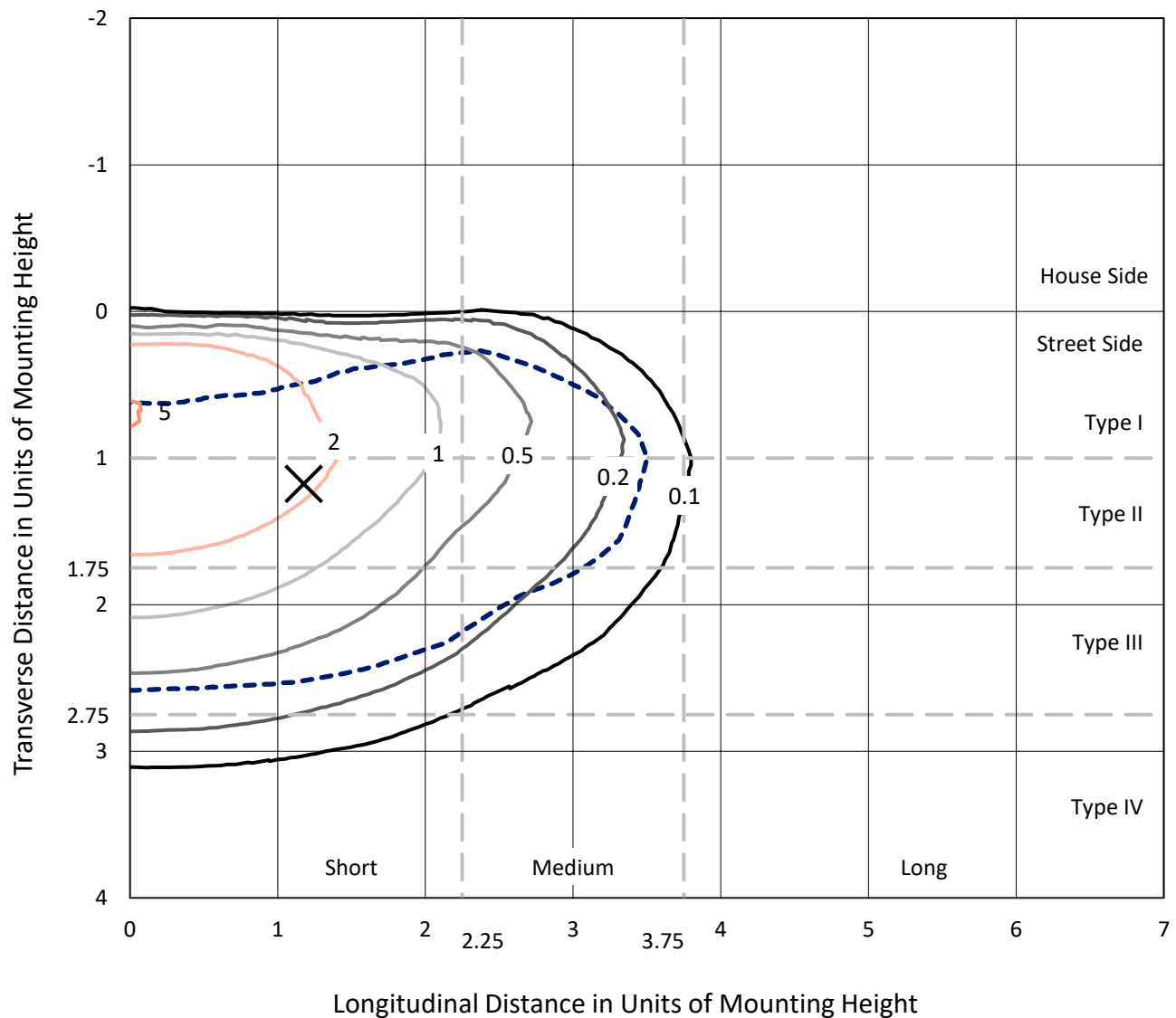


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

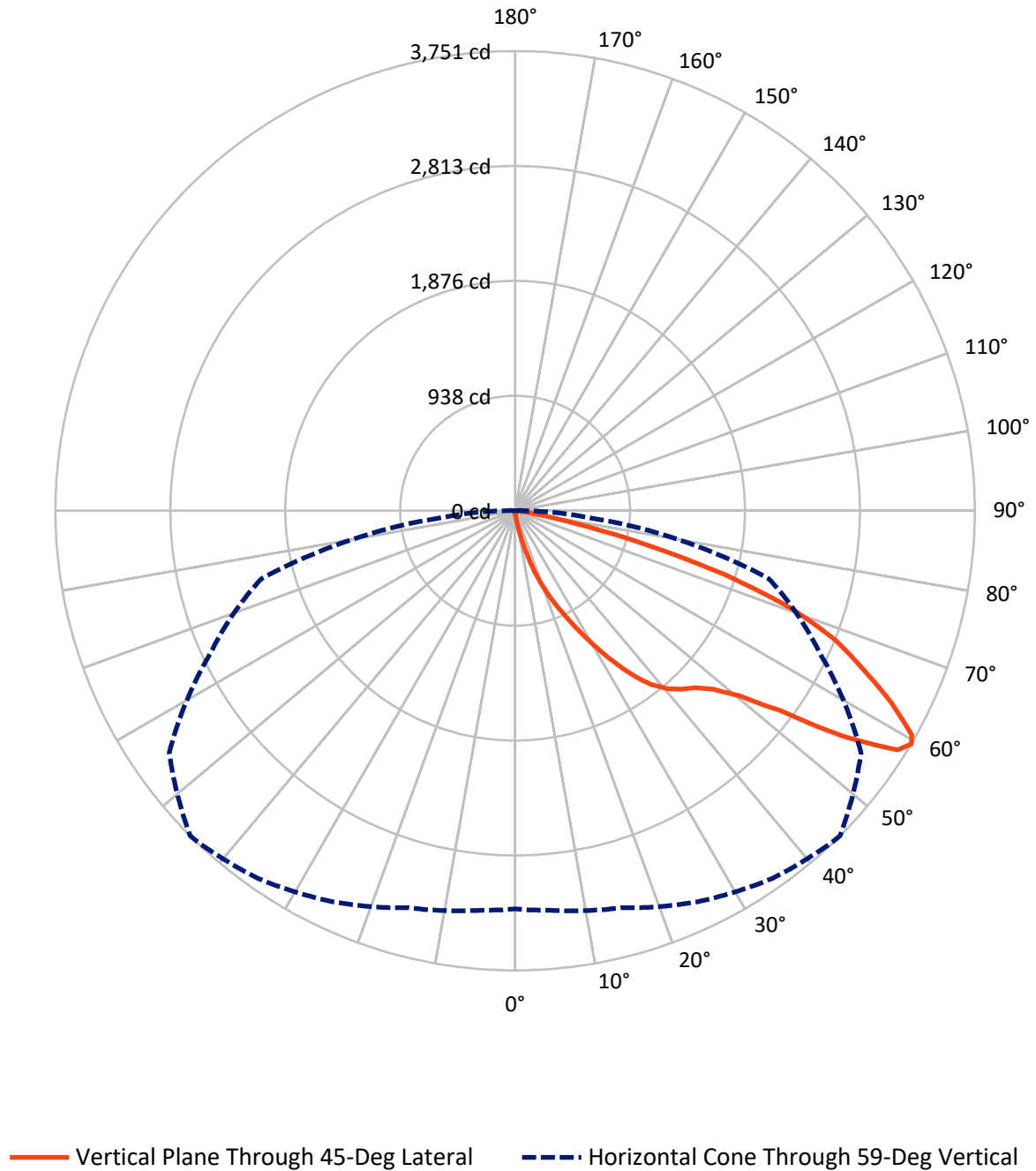


Based on 15 foot mounting height. Maximum calculated value = 5.1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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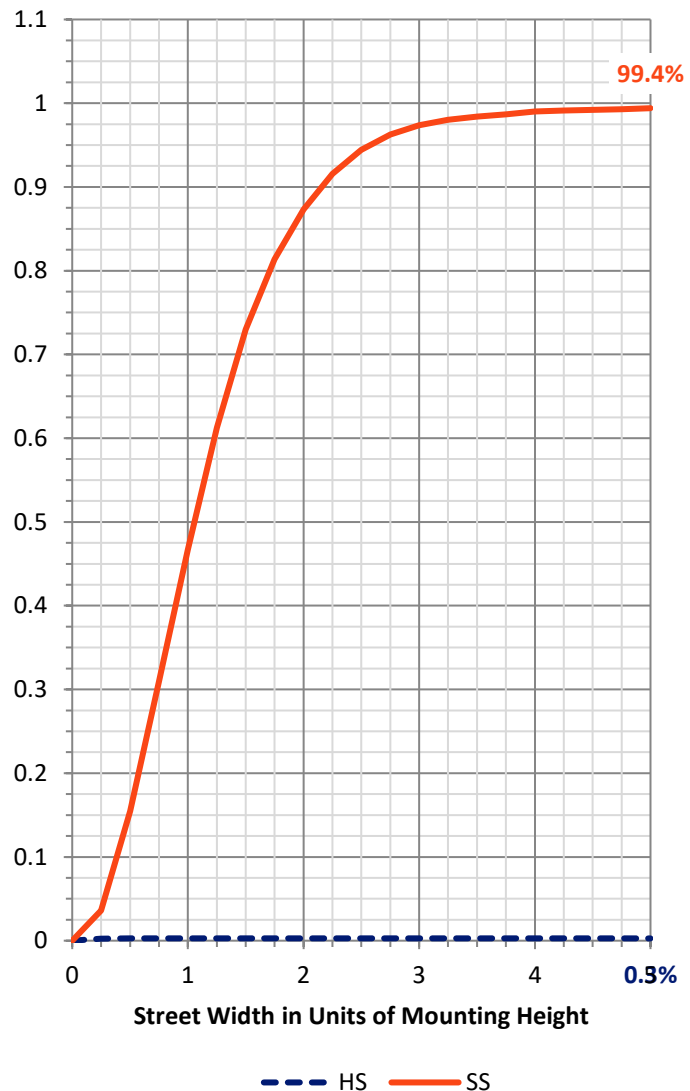
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12.4	0.0	12.4
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	4553.3	0.0	4553.3
	% Fixture	99.7	0.0	99.7
Total	Lumens	4565.6	0.0	4565.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.5	0.1
10°-20°	52.9	1.2
20°-30°	186.9	4.1
30°-40°	430.7	9.4
40°-50°	726.7	15.9
50°-60°	1198.0	26.2
60°-70°	1360.9	29.8
70°-80°	559.6	12.3
80°-90°	45.6	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°	4565.6	100.0
0°-180°	4565.6	100.0



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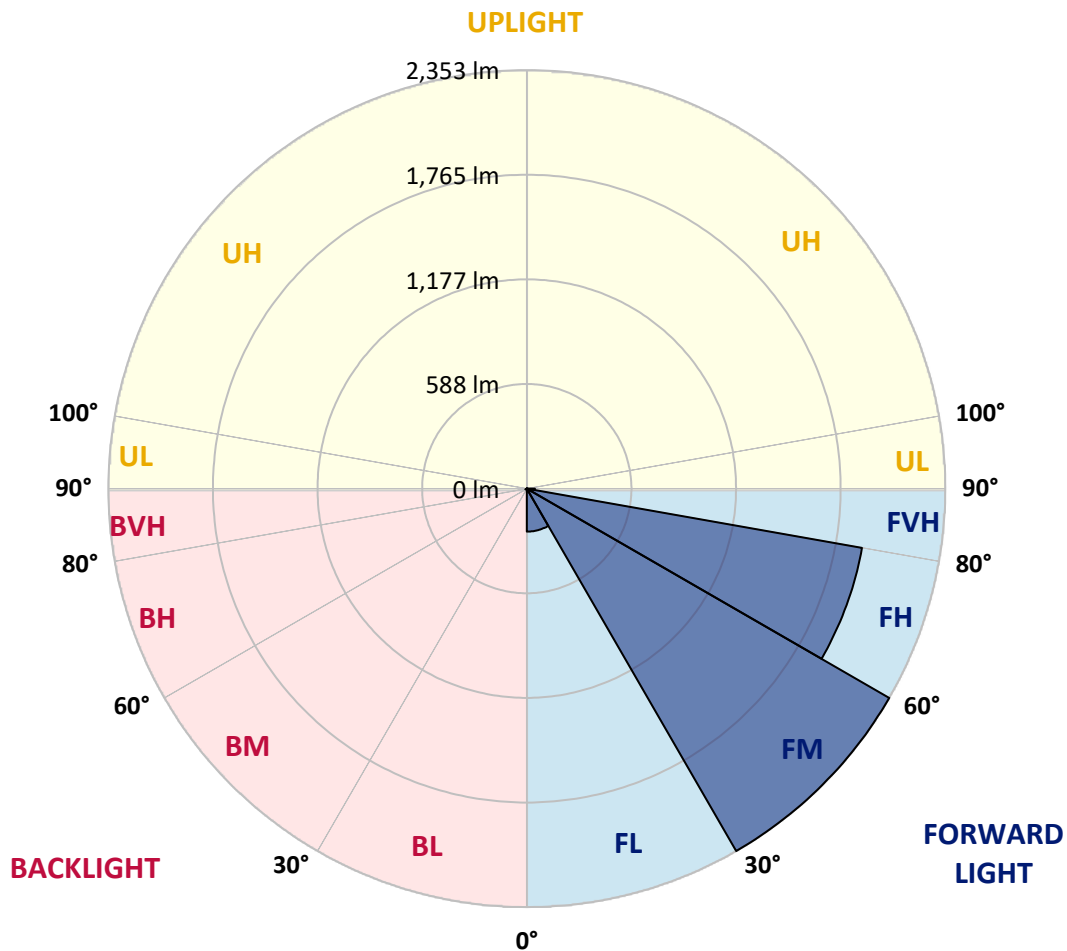
CATALOG NUMBER: GAP-SA1C-830-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	241.6	5.3			
FM	(30°-60°)	2353.0	51.5			
FH	(60°-80°)	1913.4	41.9			G2/5000
FVH	(80°-90°)	45.2	1.0			G1/100
BL	(0°-30°)	2.6	0.1	B0/110		
BM	(30°-60°)	2.4	0.1	B0/220		
BH	(60°-80°)	7.1	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-G2

Type III Short



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CATALOG NUMBER: GAP-SA1C-830-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
2.5°	34.1	34.5	34.1	33.7	32.2	30.7	30.7	29.6	28.5	27.4	26.3
5°	60.0	58.5	57.0	53.7	47.4	41.9	41.1	36.3	32.2	29.3	26.7
7.5°	152.3	148.2	134.1	117.4	89.3	68.5	67.8	51.5	38.9	31.9	27.0
10°	317.8	306.7	285.2	249.7	193.0	141.1	130.0	79.3	51.1	35.2	27.4
12.5°	483.1	483.4	463.1	414.5	345.3	261.9	247.5	143.4	73.0	41.1	27.8
15°	628.3	624.6	606.8	572.3	497.5	401.2	388.2	246.3	110.4	49.3	28.5
17.5°	739.4	734.2	723.5	700.1	645.3	550.5	536.8	371.6	171.1	60.0	28.9
20°	869.8	866.1	852.4	820.2	770.1	694.6	674.9	508.6	260.8	77.8	29.6
22.5°	1031.3	1020.6	1003.9	962.8	900.9	819.8	813.1	647.9	370.8	105.6	31.1
25°	1218.0	1202.8	1183.2	1131.3	1055.0	956.5	948.3	784.6	489.4	147.4	33.3
27.5°	1444.3	1430.3	1395.1	1328.0	1236.5	1118.7	1109.5	924.3	620.9	204.5	36.3
30°	1689.6	1671.4	1613.3	1526.2	1439.2	1299.9	1277.7	1067.2	752.4	275.6	40.4
32.5°	1918.1	1894.8	1822.9	1720.0	1628.8	1481.8	1462.1	1228.8	890.5	360.4	46.7
35°	2120.8	2093.4	1993.7	1881.5	1790.0	1660.3	1642.5	1385.8	1024.6	456.8	54.5
37.5°	2281.9	2263.8	2126.0	1999.3	1924.8	1810.0	1798.1	1554.4	1173.9	567.9	65.2
40°	2448.2	2424.2	2262.3	2102.6	2018.2	1922.6	1908.5	1690.0	1317.3	687.9	78.5
42.5°	2589.0	2566.4	2414.2	2244.9	2113.0	1999.3	1990.4	1803.7	1456.2	812.7	95.9
45°	2737.9	2717.6	2581.2	2448.6	2250.8	2075.6	2060.4	1897.8	1591.8	958.7	118.9
47.5°	2942.4	2915.4	2785.3	2683.5	2457.1	2193.0	2176.0	1990.0	1729.2	1111.3	150.8
50°	3198.4	3178.8	3084.7	3003.5	2763.5	2407.1	2370.8	2109.7	1859.6	1286.2	192.3
52.5°	3447.0	3440.3	3447.0	3418.1	3235.4	2778.7	2707.9	2310.8	2025.6	1468.8	246.3
55°	3478.1	3498.4	3578.8	3671.4	3641.1	3311.0	3251.4	2617.2	2230.8	1699.2	329.0
57.5°	3365.5	3376.9	3479.6	3642.9	3741.1	3690.7	3683.3	3124.3	2520.5	1973.0	453.0
59°	3250.2	3272.8	3354.7	3521.4	3662.2	3745.2	3751.1	3446.2	2740.9	2143.4	555.3
60°	3186.2	3193.2	3256.5	3420.7	3571.8	3702.9	3720.0	3611.1	2914.6	2271.9	646.8
62.5°	2983.9	2987.6	3021.7	3151.0	3284.7	3405.5	3441.4	3711.4	3396.9	2594.2	970.2
65°	2719.4	2724.2	2775.7	2899.8	3027.2	3108.4	3123.6	3429.9	3651.1	2929.8	1421.8
67.5°	2242.6	2269.7	2335.3	2530.9	2710.1	2807.2	2818.3	2933.5	3512.2	3156.9	1660.7
70°	1518.4	1492.9	1655.5	1927.8	2251.9	2397.9	2398.6	2449.0	2989.8	3101.0	1384.7
72.5°	663.1	703.8	822.4	1062.1	1454.7	1806.6	1799.2	1970.4	2384.5	2634.6	1029.5
75°	291.2	300.4	350.4	477.5	661.6	981.3	1094.3	1581.8	1794.8	1722.9	748.7
77.5°	156.7	158.9	172.3	199.7	253.0	463.4	489.4	1002.0	1272.5	993.2	483.8
80°	59.6	59.6	62.2	71.5	105.6	181.1	194.5	452.7	877.9	507.5	244.5
82.5°	37.4	36.7	37.0	37.4	43.0	61.9	65.9	180.0	414.5	250.4	64.5
85°	18.9	19.6	21.9	26.3	31.1	38.2	39.3	56.3	125.9	58.5	16.7
87.5°	12.2	12.6	13.7	17.8	21.9	27.8	28.5	39.3	50.0	41.1	3.3
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: P1057494

CATALOG NUMBER: GAP-SA1C-830-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
2.5°	25.9	25.2	24.1	23.0	21.9	20.0	18.5	17.8	17.4	17.0	17.0
5°	25.6	24.4	22.2	20.4	18.5	16.3	14.4	13.3	13.0	12.6	12.6
7.5°	25.2	23.3	20.7	18.2	15.6	13.0	10.7	9.6	9.3	8.9	8.5
10°	24.8	22.6	18.9	15.9	13.0	10.0	7.8	6.3	5.9	5.6	5.6
12.5°	24.4	21.5	17.4	14.1	10.4	7.0	5.2	3.7	3.0	2.6	2.6
15°	24.1	20.4	16.3	11.9	7.8	4.4	2.2	1.1	0.4	0.4	0.4
17.5°	23.0	19.3	14.4	9.3	5.2	2.2	0.7	0.0	0.0	0.0	0.0
20°	22.2	18.2	12.6	7.0	3.0	1.1	0.0	0.0	0.0	0.0	0.0
22.5°	21.9	17.4	10.7	4.8	2.2	0.0	0.0	0.0	0.0	0.0	0.0
25°	21.9	16.7	8.9	3.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	22.2	15.9	7.0	2.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
30°	21.5	15.2	5.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	21.5	13.7	3.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	21.9	11.9	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	23.0	10.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	24.8	9.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	27.4	9.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	30.4	9.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	34.8	9.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	40.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	45.9	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	52.2	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	60.8	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	69.6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	78.9	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	127.4	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	250.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	427.5	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	454.2	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	298.2	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	151.9	5.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	68.2	5.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	27.4	3.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	11.1	2.2	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	4.4	2.2	1.5	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	2.2	1.9	1.5	0.7	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

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

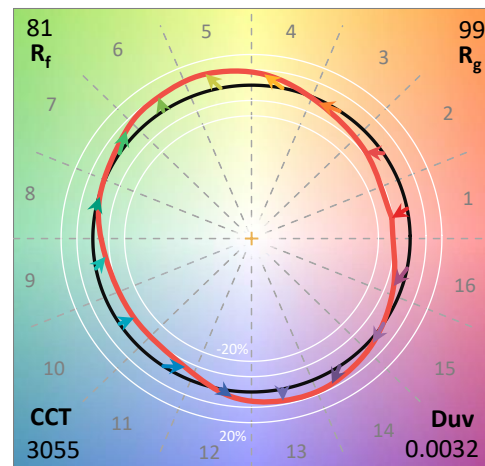
Test Information

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

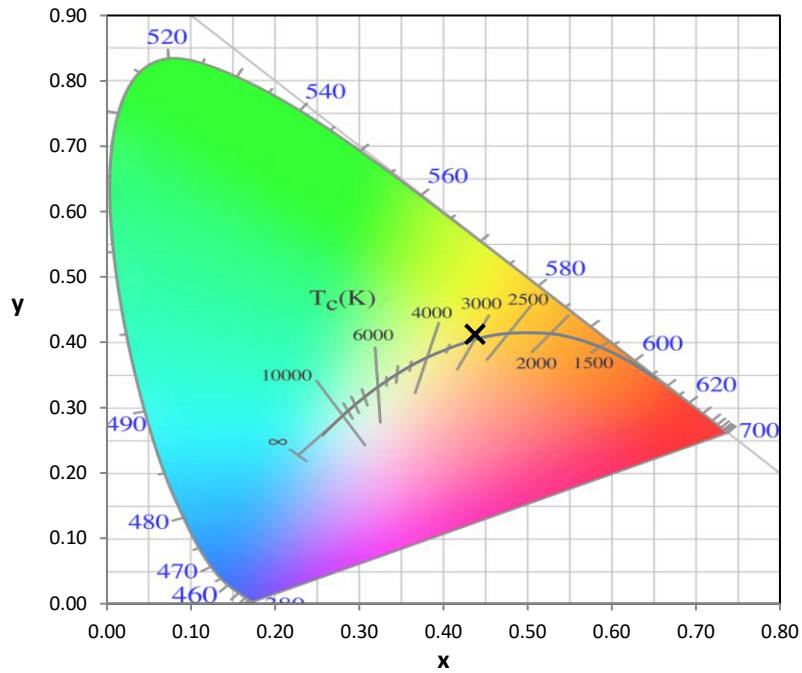
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-9

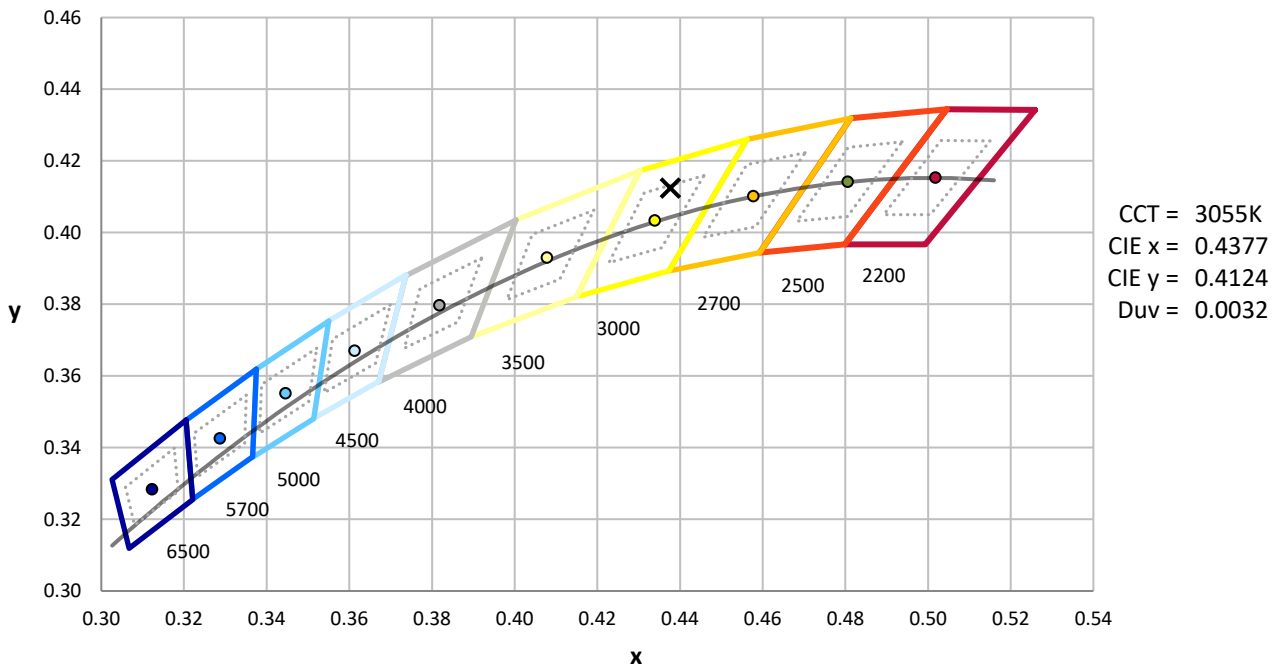
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



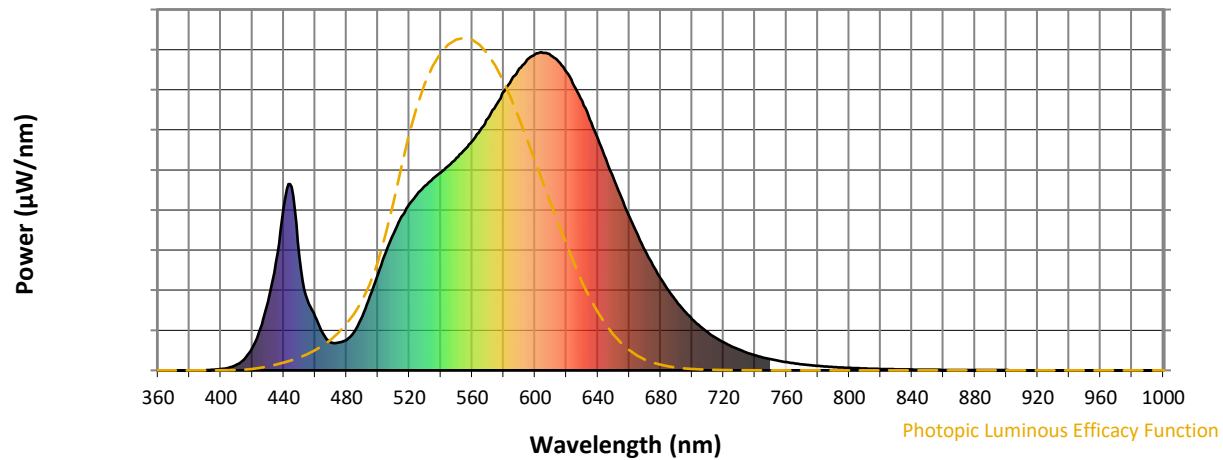
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

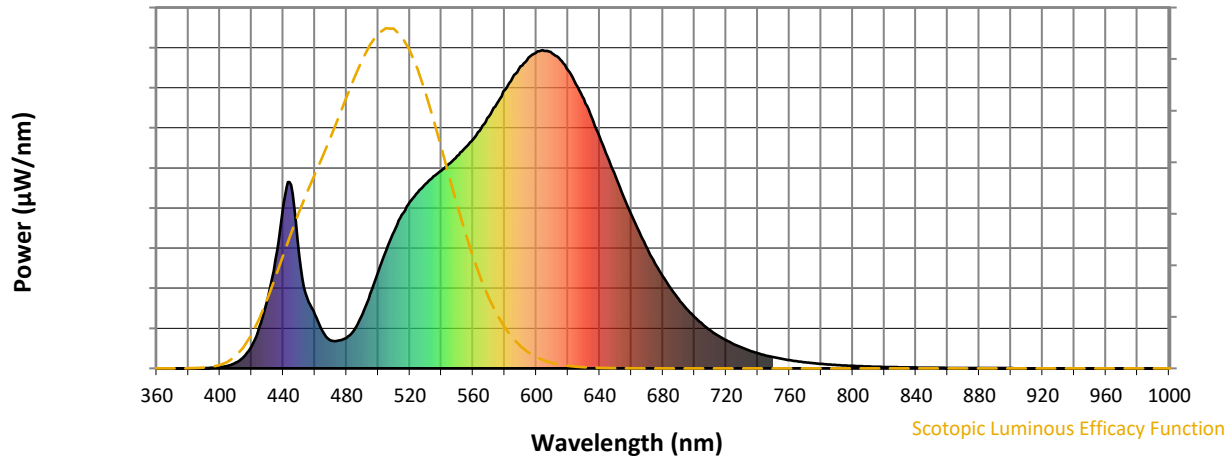


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-9

Scotopic Flux vs. Wavelength



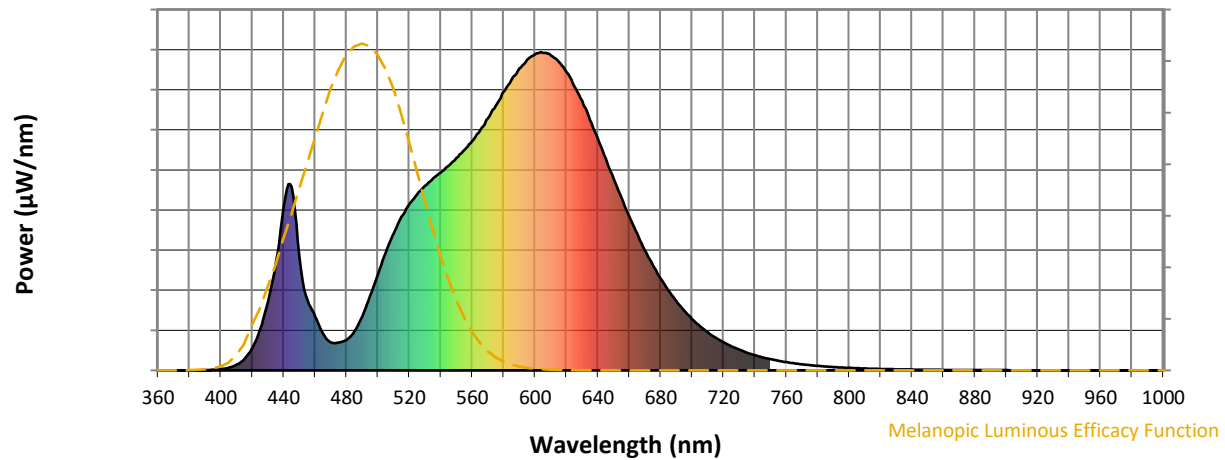
Scotopic Lumens: NR

S/P: 1.28

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	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

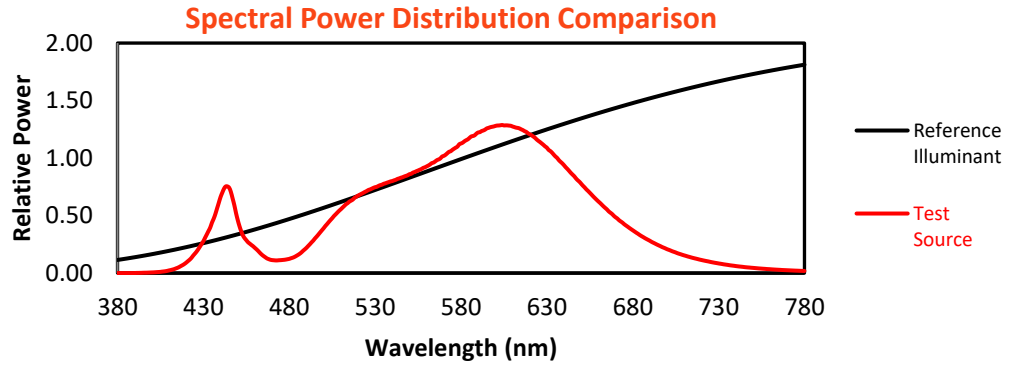
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	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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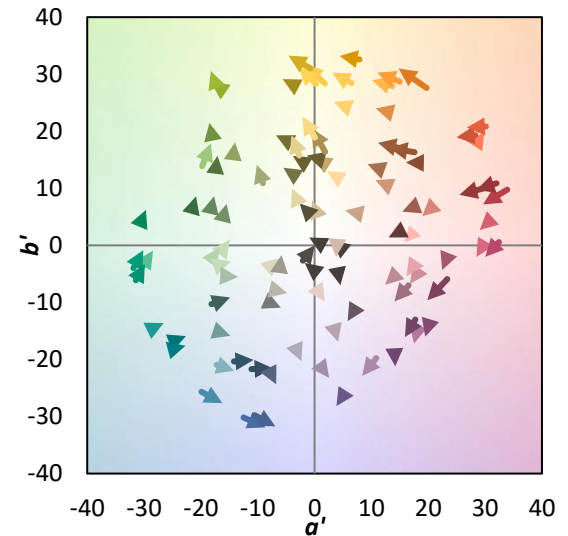
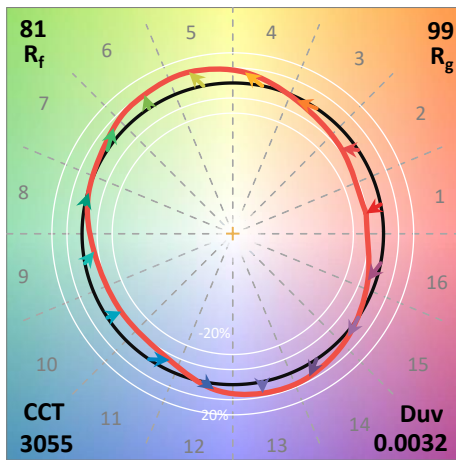
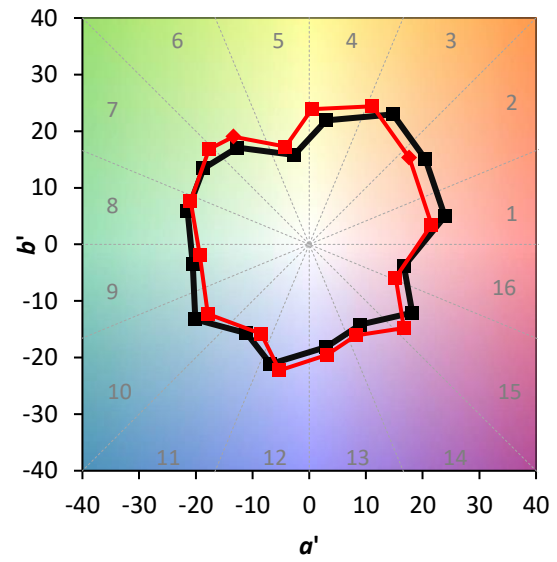
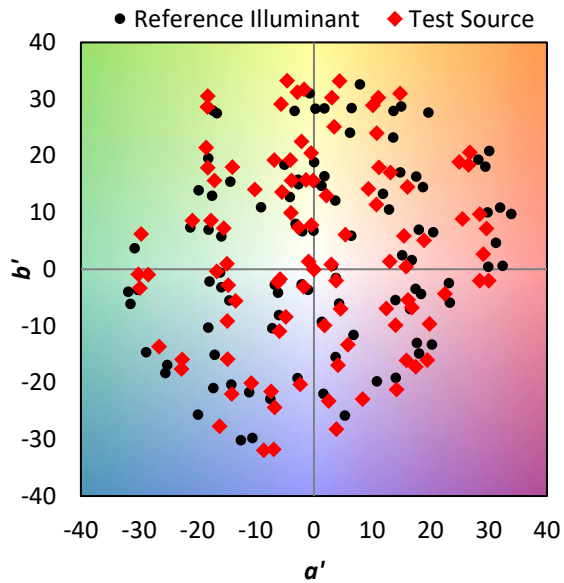
TM-30-18

Summary

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

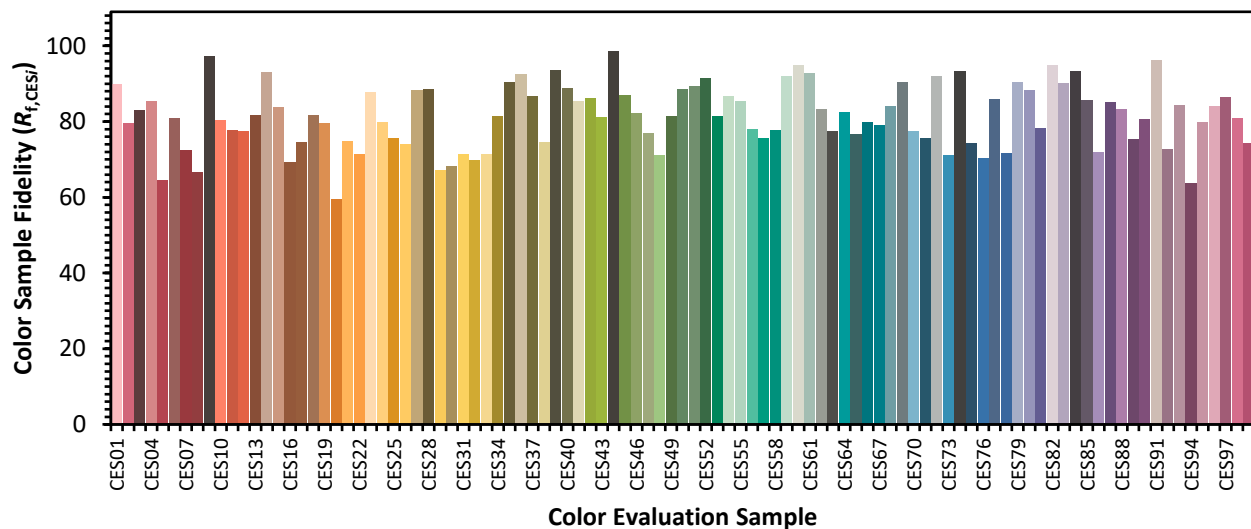


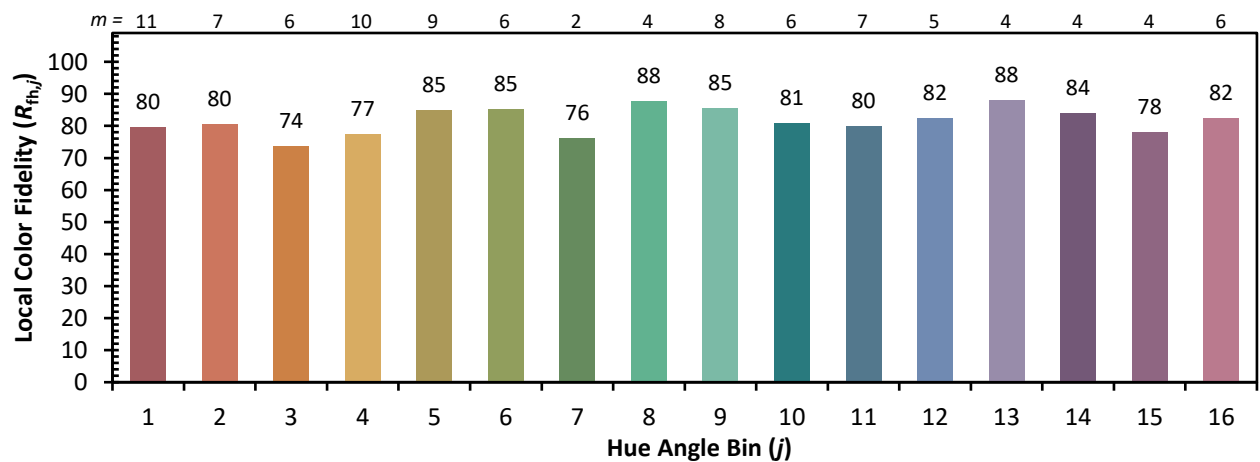
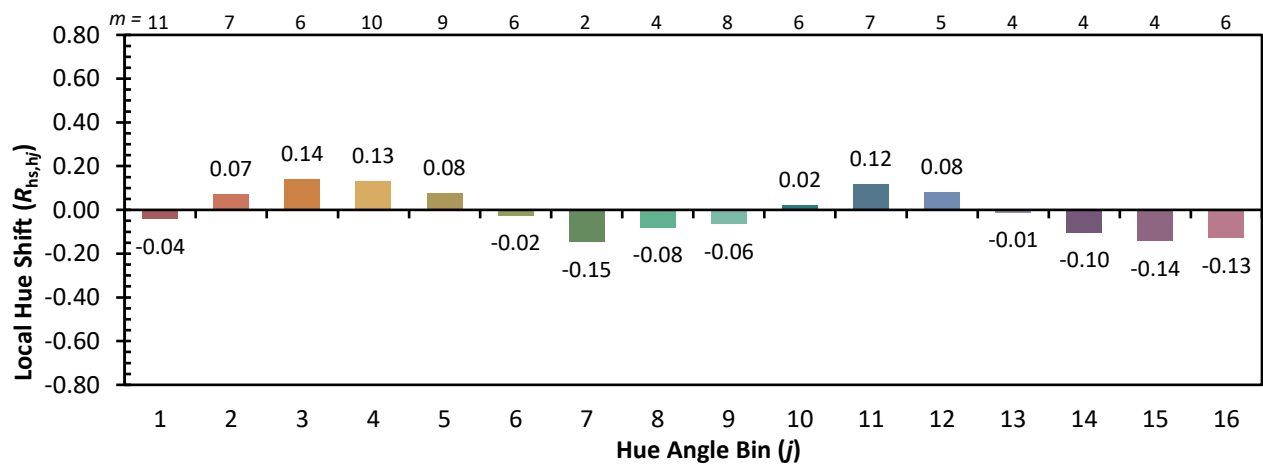
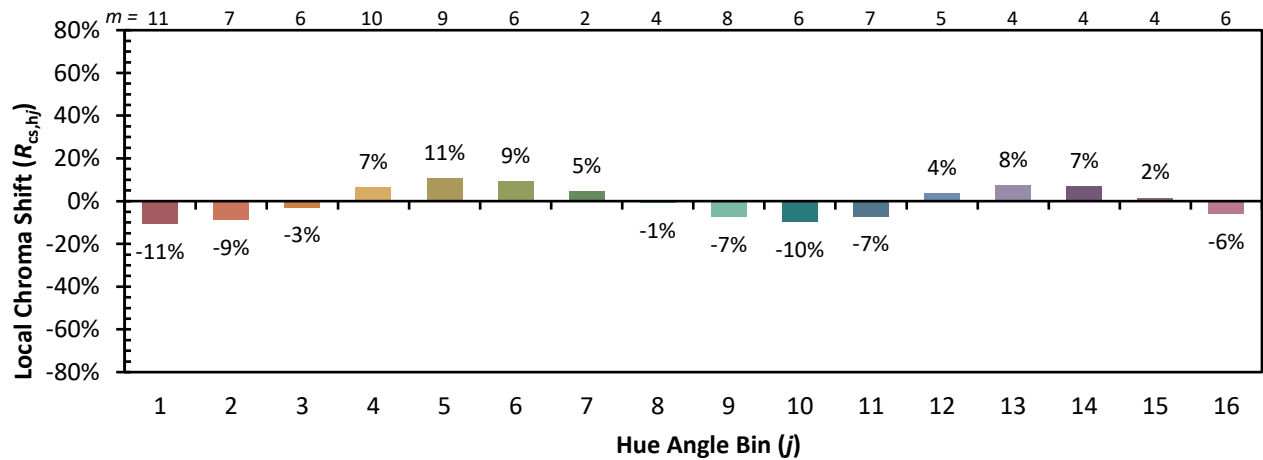
Color Vector Graphics

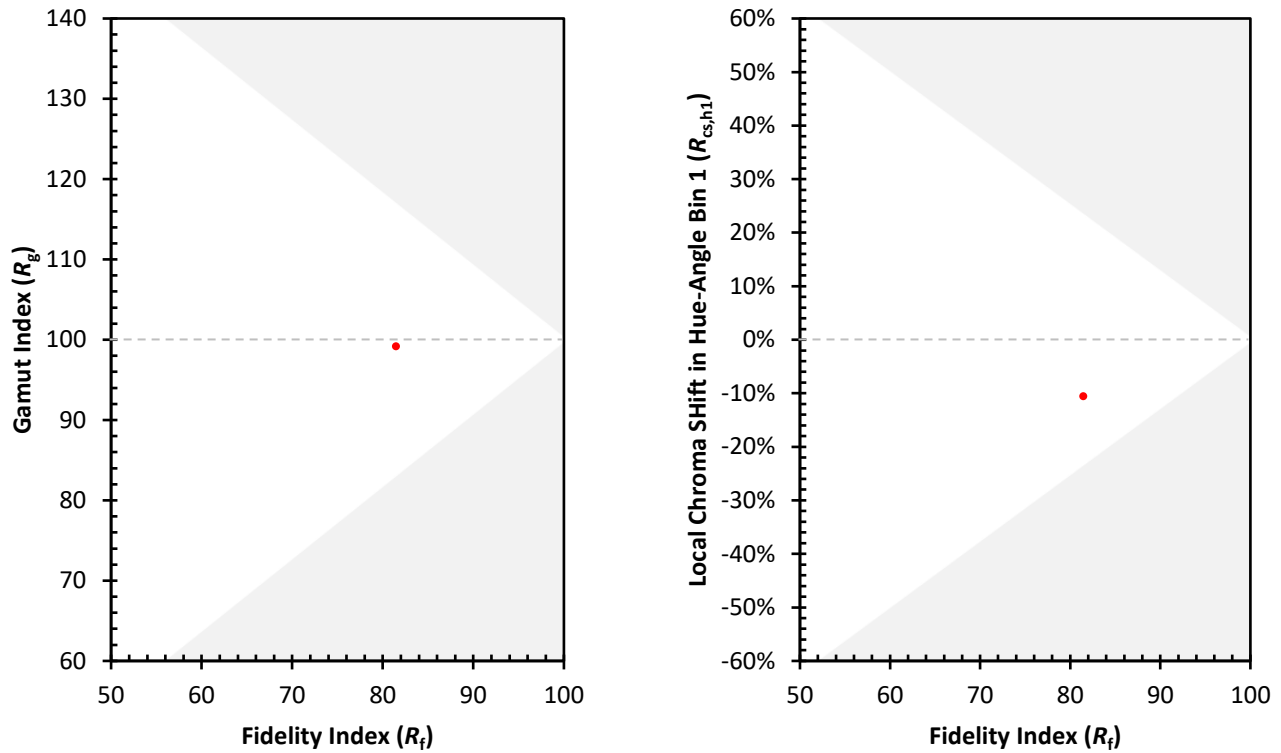


Individual Sample Fidelity Index ($R_{f,i}$)

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)