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

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1456667

Luminaire Tested: GLAN-SB4A-835-U-T3LG

Issue Date: 05/20/2026

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

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1456667
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4A-835-U-T3LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square PACKAGE 80CRI 3500K FIXTURE w/ TYPE III LOW GLARE
Light Source:	(104) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16270.3 lumens
Efficiency:	N/A
Efficacy:	142.7 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	114
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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REPORT NUMBER: P1456667
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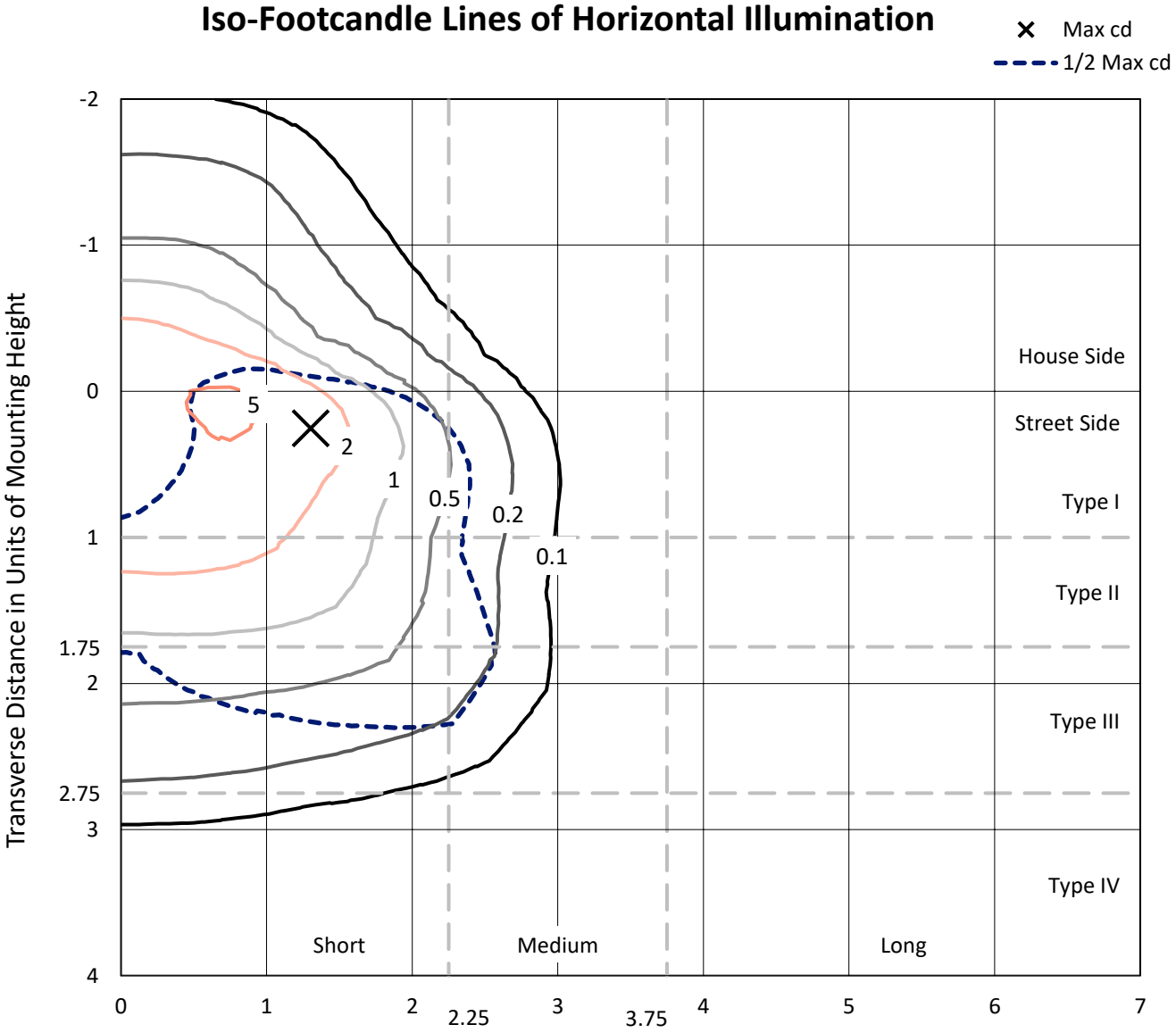
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 5.9 fc
Type III - Short - N/A

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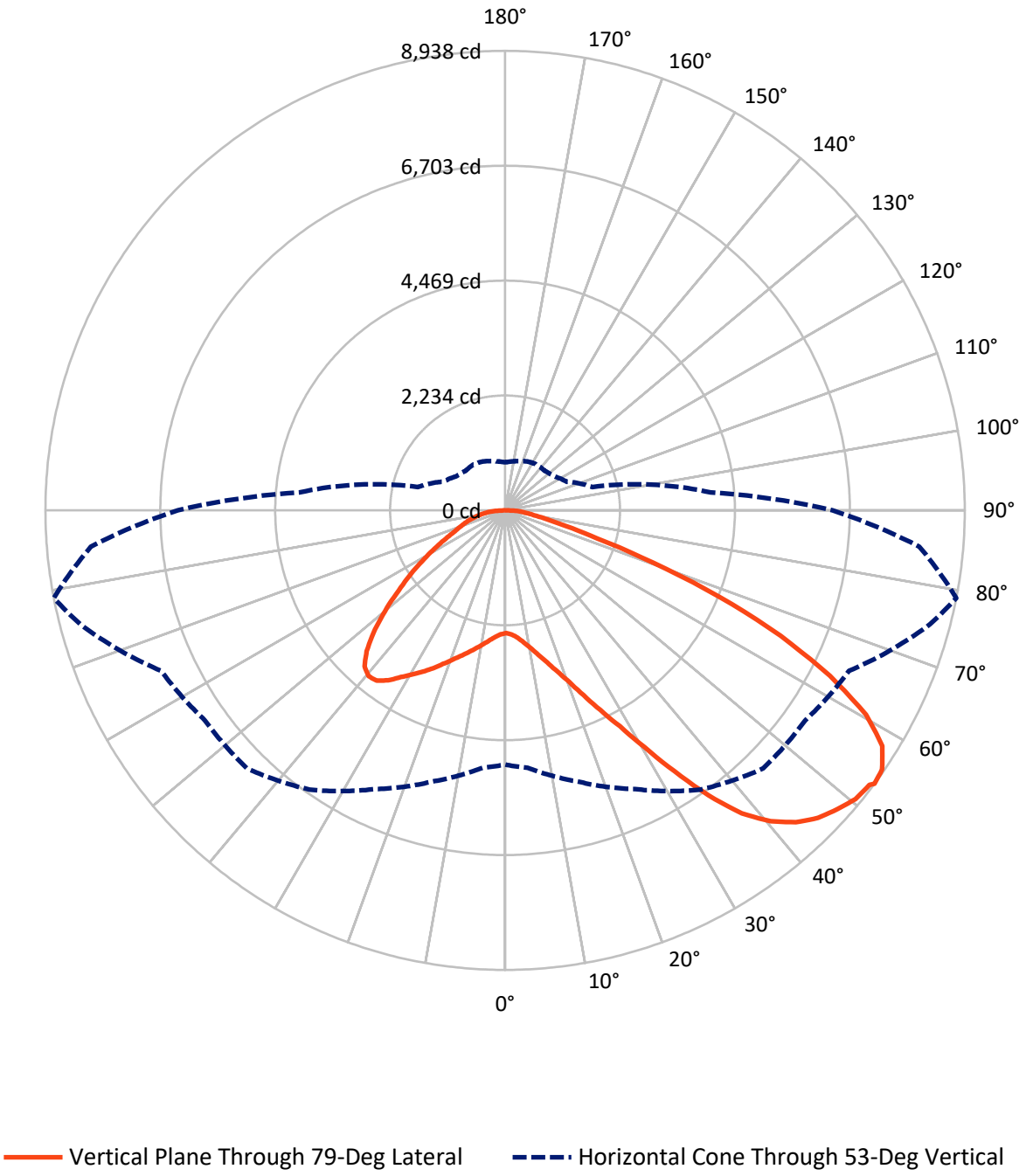
Luminous Intensity Polar Plot



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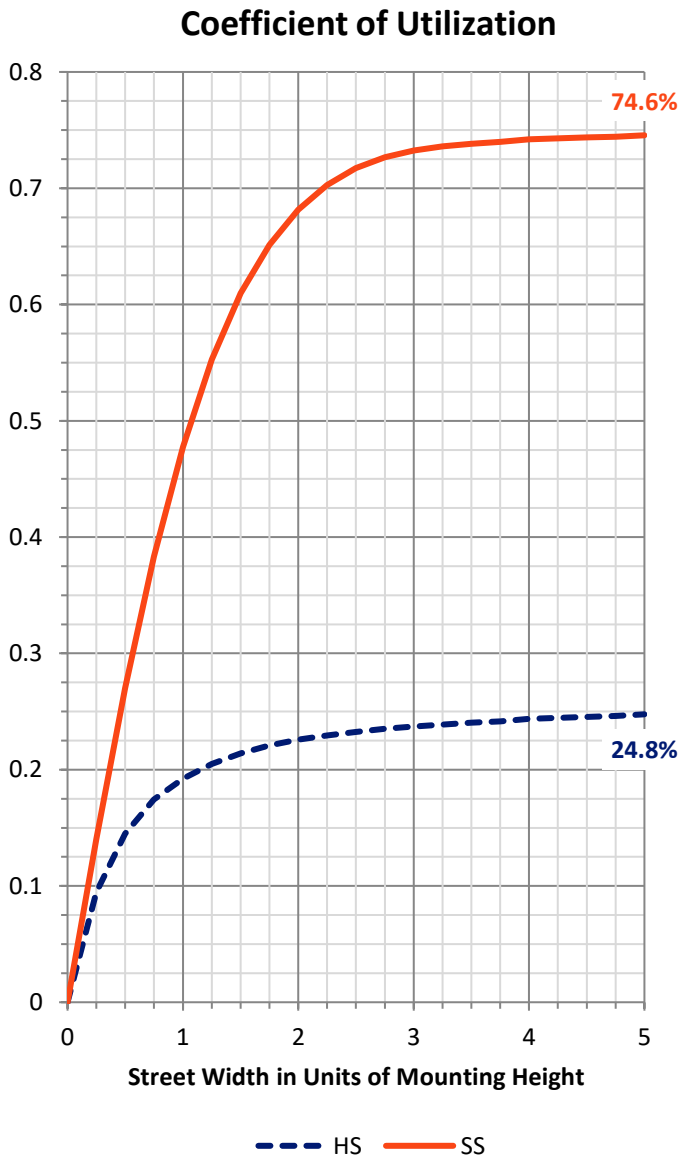
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4101.6	0.0	4101.6
	% Fixture	25.2	0.0	25.2
Street Side	Lumens	12168.7	0.0	12168.7
	% Fixture	74.8	0.0	74.8
Total	Lumens	16270.3	0.0	16270.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	227.6	1.4
10°-20°	704.8	4.3
20°-30°	1347.5	8.3
30°-40°	2313.4	14.2
40°-50°	3240.5	19.9
50°-60°	3677.5	22.6
60°-70°	3224.9	19.8
70°-80°	1261.0	7.8
80°-90°	273.2	1.7
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°	16270.3	100.0
0°-180°	16270.3	100.0



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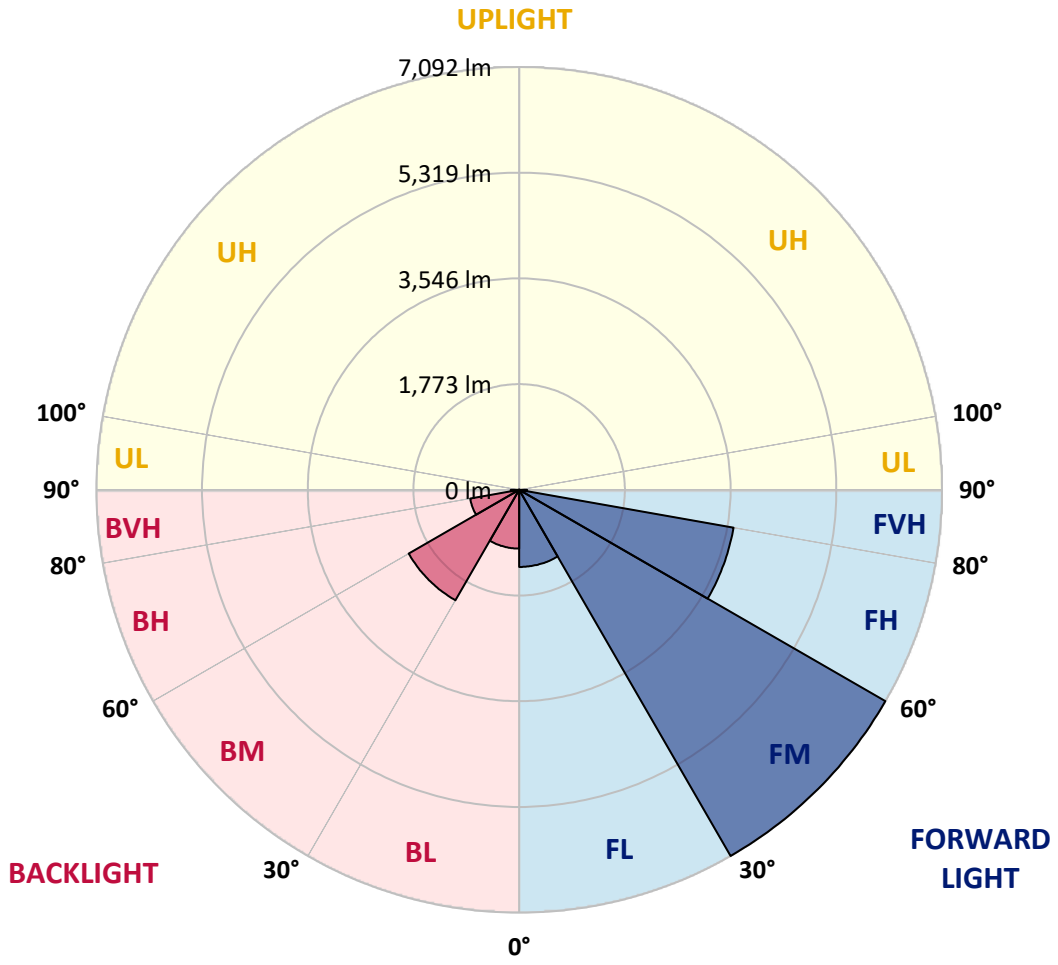
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1293.3	7.9			
FM	(30°-60°)	7091.7	43.6			
FH	(60°-80°)	3651.2	22.4			G2/5000
FVH	(80°-90°)	132.5	0.8			G2/225
BL	(0°-30°)	986.5	6.1	B2/1000		
BM	(30°-60°)	2139.7	13.2	B2/2500		
BH	(60°-80°)	834.7	5.1	B2/1000		G2/1000
BVH	(80°-90°)	140.7	0.9			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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REPORT NUMBER: P1456667
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	2388.5	2388.5	2388.5	2388.5	2388.5	2388.5	2388.5	2388.5	2388.5	*2388.5*	2388.5
2.5°	2392.2	2392.2	2377.7	2392.2	2384.9	2395.8	2403.0	2403.0	2417.5	*2413.9*	2413.9
5°	2352.3	2345.0	2341.4	2366.8	2381.3	2410.3	2442.9	2457.4	2482.8	*2482.8*	2486.4
7.5°	2247.2	2243.5	2261.7	2312.4	2359.5	2432.0	2500.9	2540.8	2580.6	*2587.9*	2587.9
10°	2181.9	2178.3	2200.1	2261.7	2337.8	2442.9	2551.6	2635.0	2700.2	*2718.4*	2718.4
12.5°	2181.9	2181.9	2200.1	2261.7	2341.4	2468.3	2616.9	2758.2	2859.7	*2881.5*	2874.2
15°	2243.5	2239.9	2261.7	2326.9	2403.0	2522.6	2703.9	2892.3	3030.1	*3069.9*	3073.6
17.5°	2308.8	2305.2	2337.8	2421.1	2511.8	2631.4	2816.2	3048.2	3243.9	*3294.6*	3305.5
20°	2410.3	2406.6	2446.5	2526.3	2638.6	2776.3	2968.4	3233.0	3504.9	*3559.2*	3573.7
22.5°	2526.3	2529.9	2573.4	2671.2	2783.6	2964.8	3200.4	3494.0	3820.2	*3903.6*	3918.1
25°	2769.1	2758.2	2794.5	2863.3	2982.9	3200.4	3490.4	3809.3	4197.1	*4298.6*	4316.7
27.5°	3091.7	3073.6	3113.4	3182.3	3269.3	3472.2	3805.7	4160.9	4628.4	*4755.3*	4758.9
30°	3381.6	3370.8	3425.1	3566.5	3657.1	3812.9	4168.1	4574.1	5161.2	*5346.1*	5353.3
32.5°	3631.7	3628.1	3729.6	3910.8	4117.4	4284.1	4628.4	5096.0	5835.4	*6049.2*	6002.1
35°	3870.9	3881.8	4008.7	4197.1	4472.6	4806.0	5154.0	5686.8	6545.8	*6803.1*	6727.0
37.5°	4113.8	4121.0	4287.7	4530.6	4820.5	5255.5	5723.0	6328.3	7162.0	*7480.9*	7314.2
40°	4338.5	4360.2	4585.0	4845.9	5222.9	5665.0	6187.0	6774.1	7636.8	*7952.1*	7770.9
42.5°	4563.2	4595.8	4838.7	5197.5	5599.8	6060.1	6509.6	7046.0	7941.2	*8292.8*	8013.7
45°	4795.2	4816.9	5117.8	5491.1	5947.8	6371.8	6694.4	7219.9	8151.4	*8532.0*	8151.4
47.5°	4951.0	4994.5	5324.3	5755.7	6212.3	6611.0	6843.0	7292.4	8285.5	*8687.9*	8202.2
50°	5012.6	5074.3	5429.5	5907.9	6429.8	6835.8	6959.0	7332.3	8434.1	*8825.6*	8191.3
52.5°	5001.8	5059.8	5447.6	5976.8	6603.8	7042.3	7071.3	7375.8	8539.3	*8872.7*	8097.1
53°	*4943.8*	*5023.5*	*5458.5*	*5980.4*	*6629.2*	*7096.7*	*7122.1*	*7379.4*	*8553.8*	*8937.9*	*8082.6*
55°	4744.4	4787.9	5346.1	5976.8	6748.8	7299.7	7263.4	7488.2	8593.6	*8894.5*	7923.1
57.5°	4563.2	4606.7	5092.4	5907.9	6846.6	7586.0	7491.8	7470.0	8376.2	*8648.0*	7520.8
60°	4447.2	4461.7	4871.3	5690.4	6806.8	7785.4	7640.4	7256.2	7839.7	*8064.4*	6814.0
62.5°	4349.4	4345.7	4708.2	5378.7	6654.5	7814.4	7669.4	6727.0	7053.2	*7089.5*	5871.6
65°	4128.3	4102.9	4454.5	5027.1	6339.2	7683.9	7314.2	5926.0	6009.4	*5889.8*	4715.4
67.5°	3689.7	3635.3	3947.0	4490.7	5697.7	7314.2	6636.4	4994.5	4737.2	*4498.0*	3552.0
70°	2642.2	2642.2	2892.3	3436.0	4574.1	6321.1	5697.7	3780.3	3262.0	*3048.2*	2374.0
72.5°	1293.9	1326.6	1587.5	2029.7	3066.3	4588.6	4363.9	2450.1	1979.0	*1873.9*	1522.3
75°	550.9	554.5	677.8	898.9	1554.9	2714.7	2732.9	1413.5	1268.6	*1217.8*	1007.6
77.5°	384.2	391.4	445.8	529.2	739.4	1246.8	1420.8	855.4	851.8	*815.5*	717.6
80°	293.6	300.8	337.1	395.1	496.6	637.9	735.8	579.9	608.9	*572.7*	518.3
82.5°	221.1	228.3	253.7	297.2	355.2	427.7	413.2	427.7	449.4	*427.7*	373.3
85°	148.6	152.2	170.4	206.6	228.3	257.3	257.3	311.7	326.2	*319.0*	293.6
87.5°	76.1	76.1	90.6	108.7	116.0	119.6	105.1	137.7	155.9	*170.4*	137.7
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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Scaled Data Report

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CATALOG NUMBER: GLAN-SB4A-835-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2388.5	2388.5	2388.5	2388.5	2388.5	2388.5	2388.5	2388.5	2388.5	2388.5	2388.5
2.5°	2413.9	2417.5	2406.6	2403.0	2399.4	2381.3	2381.3	2363.2	2359.5	2363.2	2352.3
5°	2493.6	2486.4	2457.4	2435.6	2410.3	2359.5	2330.5	2290.7	2279.8	2268.9	2258.0
7.5°	2591.5	2580.6	2529.9	2471.9	2403.0	2305.2	2250.8	2185.6	2163.8	2145.7	2138.4
10°	2714.7	2693.0	2613.2	2490.0	2363.2	2243.5	2167.4	2087.7	2051.5	2044.2	2026.1
12.5°	2874.2	2834.3	2685.7	2493.6	2326.9	2171.1	2087.7	2026.1	2011.6	2008.0	1989.8
15°	3051.8	2993.8	2754.6	2497.3	2279.8	2109.4	2058.7	2026.1	2026.1	2022.5	2011.6
17.5°	3269.3	3175.0	2819.8	2482.8	2221.8	2091.3	2065.9	2037.0	2029.7	2033.3	2018.8
20°	3530.2	3374.4	2888.7	2464.6	2196.4	2094.9	2065.9	2026.1	2008.0	2004.3	1993.5
22.5°	3831.1	3602.7	2964.8	2435.6	2196.4	2091.3	2044.2	1989.8	1953.6	1939.1	1924.6
25°	4175.4	3867.3	3044.6	2424.8	2203.7	2076.8	2000.7	1913.7	1855.7	1834.0	1823.1
27.5°	4592.2	4146.4	3102.5	2435.6	2200.1	2044.2	1924.6	1812.2	1747.0	1710.8	1703.5
30°	5052.5	4447.2	3142.4	2453.8	2178.3	1982.6	1834.0	1707.1	1616.5	1573.0	1562.1
32.5°	5596.2	4784.3	3182.3	2453.8	2123.9	1895.6	1728.9	1591.1	1496.9	1446.2	1438.9
35°	6197.8	5197.5	3218.5	2450.1	2058.7	1801.4	1623.8	1482.4	1384.5	1333.8	1330.2
37.5°	6708.9	5509.2	3236.7	2413.9	1968.1	1692.6	1525.9	1384.5	1283.1	1228.7	1225.1
40°	7024.2	5639.7	3200.4	2341.4	1859.4	1580.3	1417.2	1286.7	1185.2	1120.0	1105.5
42.5°	7143.8	5578.1	3084.4	2221.8	1728.9	1467.9	1326.6	1188.8	1054.7	1000.4	989.5
45°	7104.0	5338.8	2838.0	2051.5	1583.9	1366.4	1246.8	1091.0	1004.0	956.9	953.2
47.5°	6969.9	4969.1	2529.9	1837.6	1431.7	1275.8	1141.7	1065.6	985.9	935.1	931.5
50°	6734.3	4574.1	2160.2	1594.8	1293.9	1181.6	1116.3	1054.7	989.5	949.6	942.4
52.5°	6433.4	4128.3	1819.5	1359.2	1174.3	1098.2	1091.0	1047.5	996.7	953.2	935.1
53°	*6364.6*	*4012.3*	*1754.2*	*1319.3*	*1156.2*	*1087.3*	*1083.7*	*1047.5*	*989.5*	*949.6*	*935.1*
55°	6034.7	3653.5	1547.6	1178.0	1065.6	1051.1	1083.7	1043.8	971.4	938.7	927.9
57.5°	5505.6	3182.3	1348.3	1047.5	971.4	1007.6	1072.8	1029.3	949.6	891.6	873.5
60°	4867.7	2642.2	1196.1	960.5	902.5	953.2	1029.3	978.6	869.9	840.9	837.3
62.5°	4106.5	2138.4	1080.1	888.0	844.5	895.2	964.1	877.1	797.4	775.6	768.4
65°	3207.7	1699.9	989.5	833.6	786.5	826.4	873.5	819.1	768.4	750.3	746.6
67.5°	2384.9	1333.8	917.0	786.5	728.5	753.9	808.3	793.8	750.3	739.4	735.8
70°	1645.5	1083.7	851.8	743.0	656.0	685.0	768.4	779.3	735.8	728.5	724.9
72.5°	1152.6	917.0	782.9	695.9	598.0	627.0	750.3	750.3	703.1	714.0	706.8
75°	866.2	772.0	703.1	637.9	525.5	569.0	724.9	717.6	670.5	717.6	699.5
77.5°	652.4	623.4	608.9	565.4	460.3	503.8	674.2	659.7	598.0	601.7	569.0
80°	474.8	482.1	521.9	482.1	384.2	416.8	569.0	561.8	485.7	500.2	460.3
82.5°	340.7	358.8	445.8	387.8	279.1	297.2	391.4	424.1	380.6	358.8	366.1
85°	257.3	268.2	358.8	286.3	174.0	195.7	268.2	304.5	297.2	275.5	279.1
87.5°	108.7	123.2	166.7	134.1	101.5	101.5	166.7	213.8	192.1	163.1	170.4
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

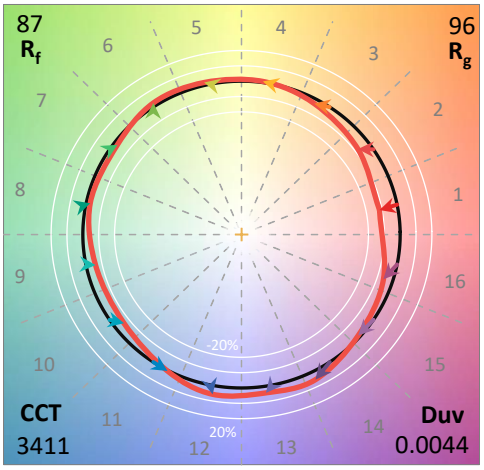
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-10
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-835-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3411
CIE u':	0.2360
CIE v':	0.5189
Duv:	0.0044
CIE x:	0.4154
CIE y:	0.4059
CIE z:	0.1787
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	579
Purity:	46.51914
Rf:	86.6
Rg:	95.9

CRI (Ra):	83.5
R1:	81.1
R2:	88.9
R3:	97.2
R4:	83.8
R5:	81.7
R6:	86.9
R7:	86.1
R8:	62.2
R9:	6.3
R10:	75.4
R11:	84.1
R12:	69.7
R13:	82.8
R14:	98.5
R15:	72.6



Test Conditions

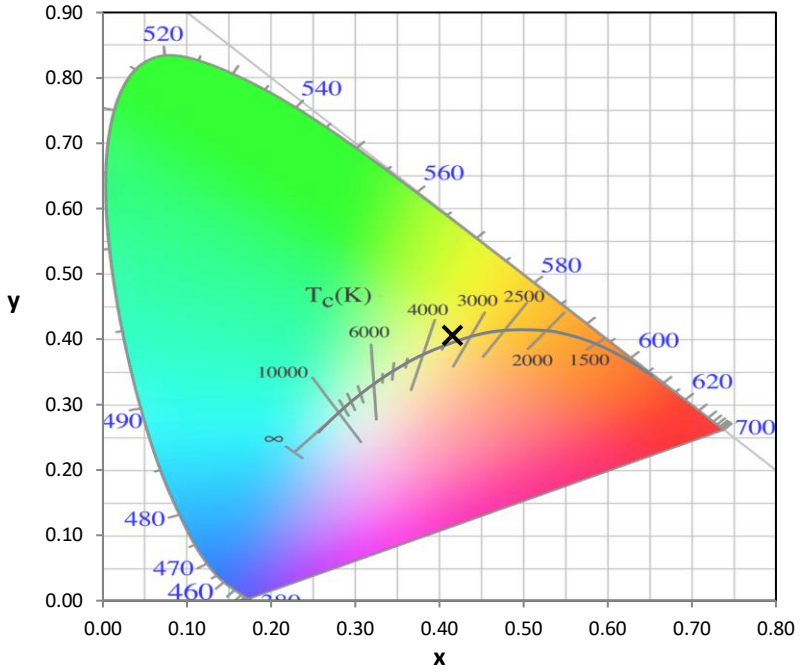
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

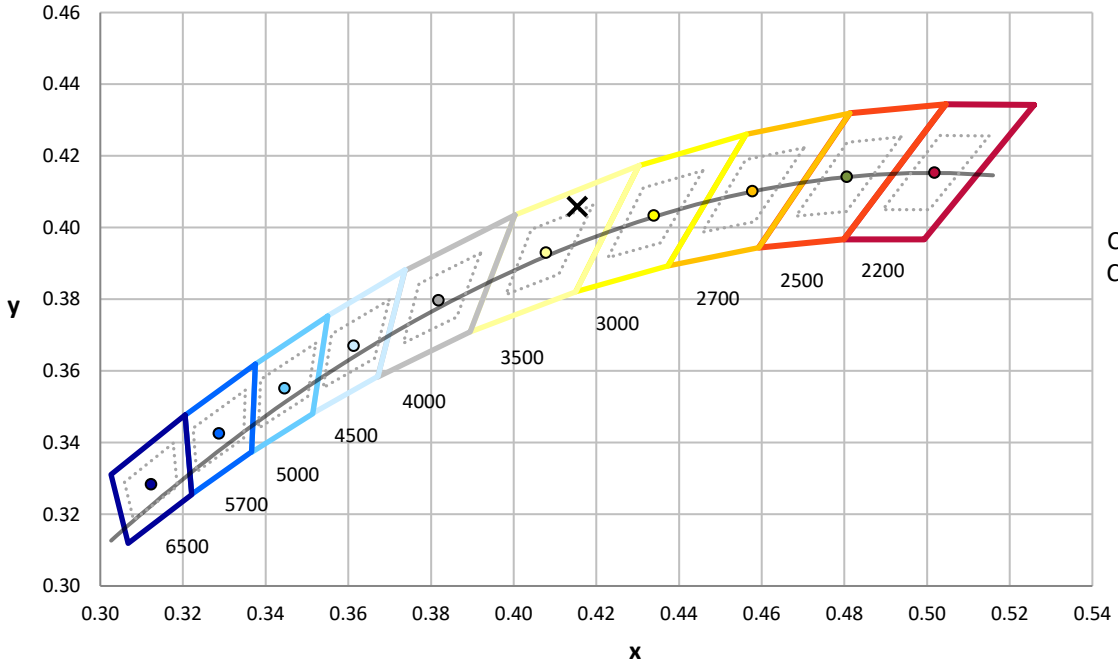
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-10

CIE 1931 Chromaticity Diagram



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



CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

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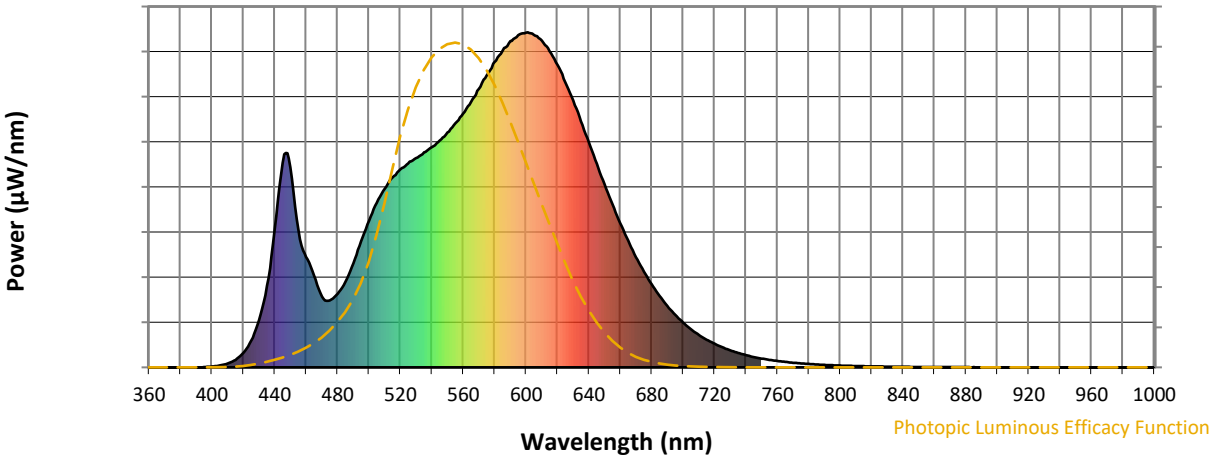
Photopic Flux vs. Wavelength



Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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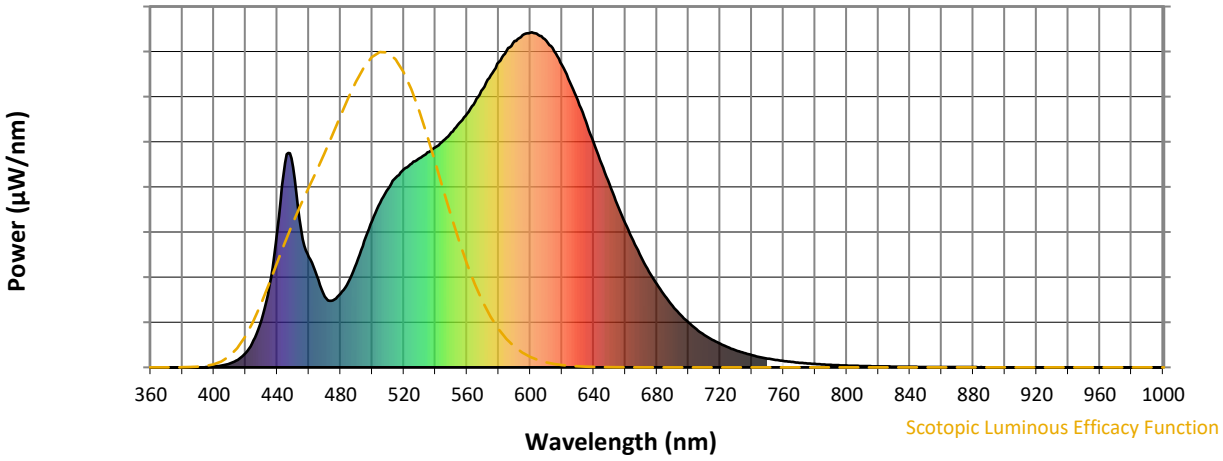
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.48**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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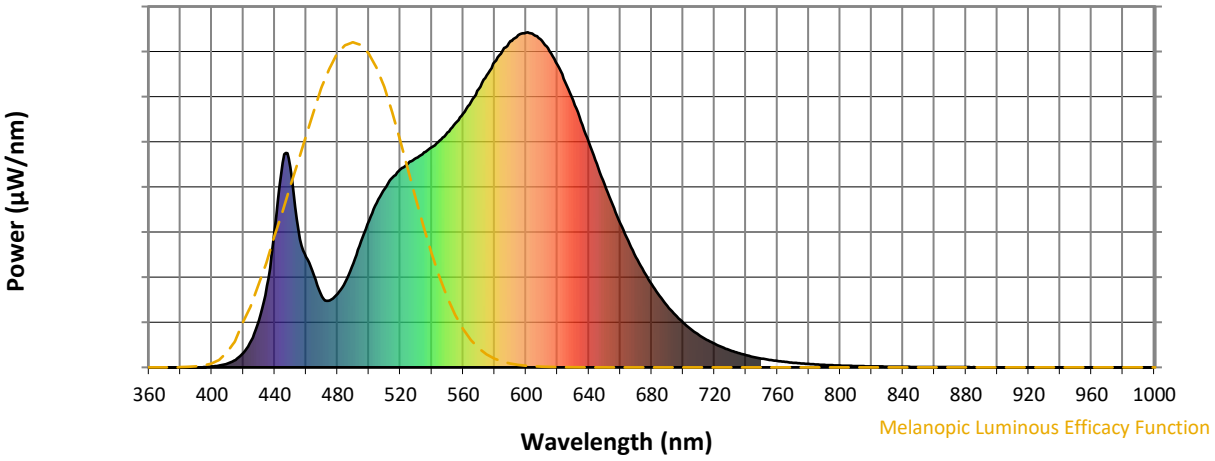
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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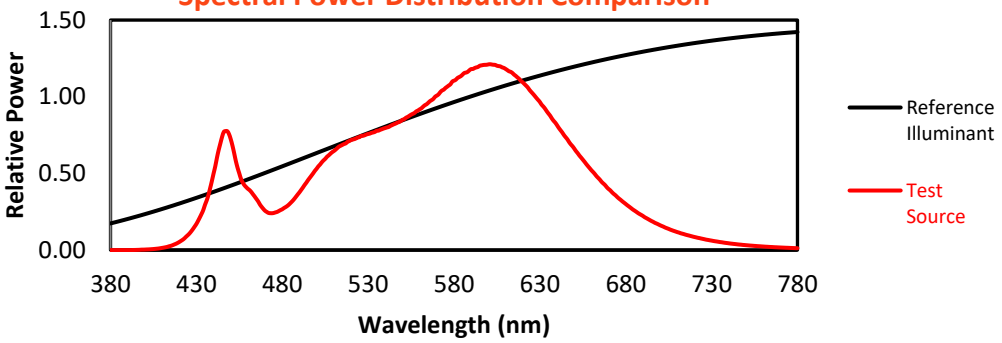
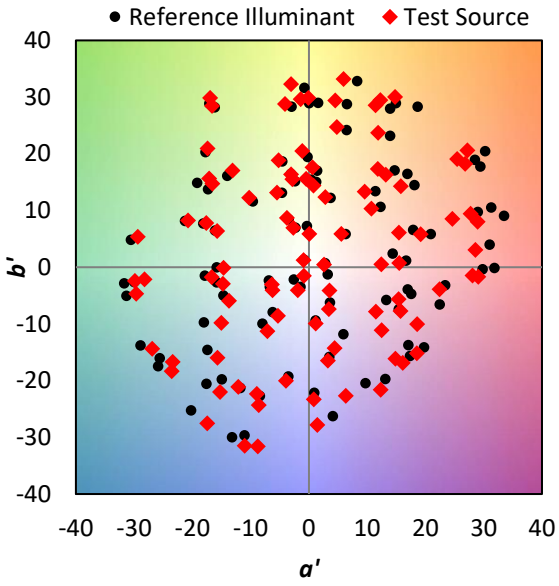
Summary

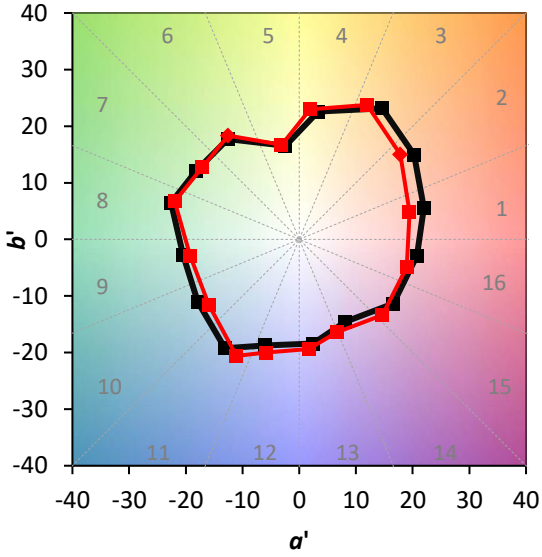
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

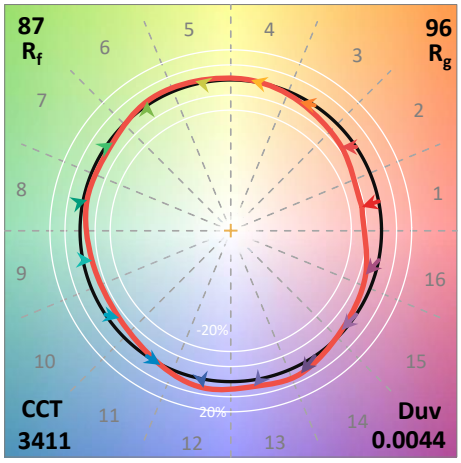
Spectral Power Distribution Comparison

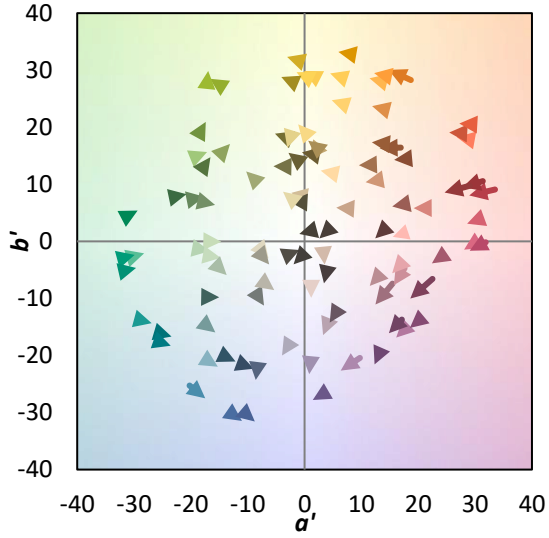


Color Vector Graphics









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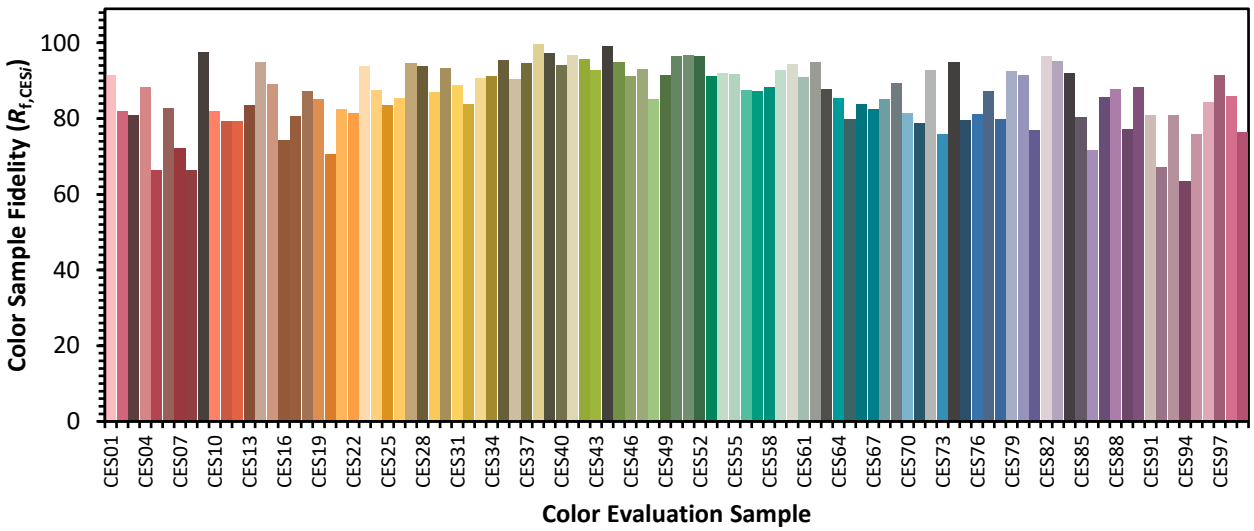
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



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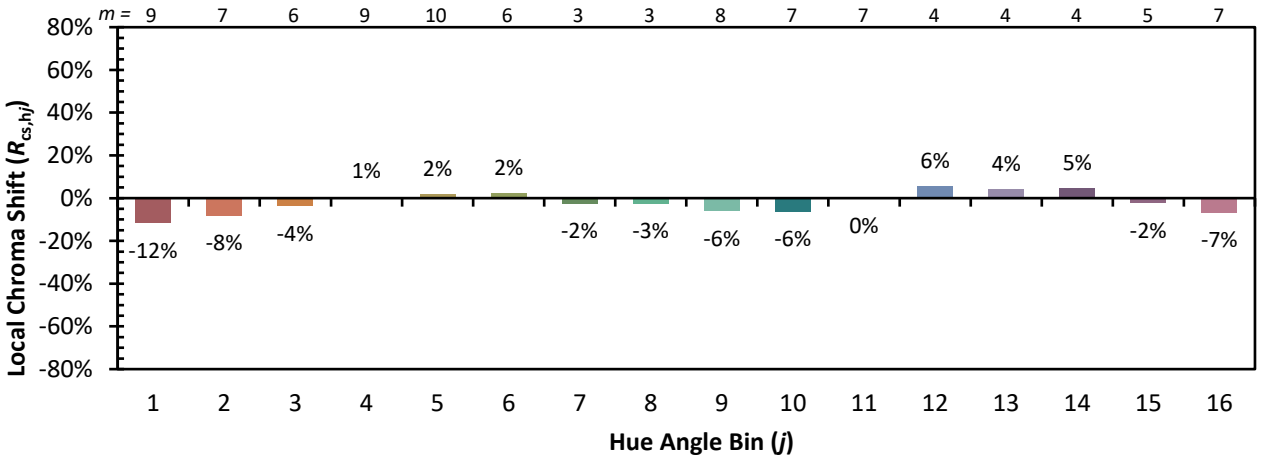
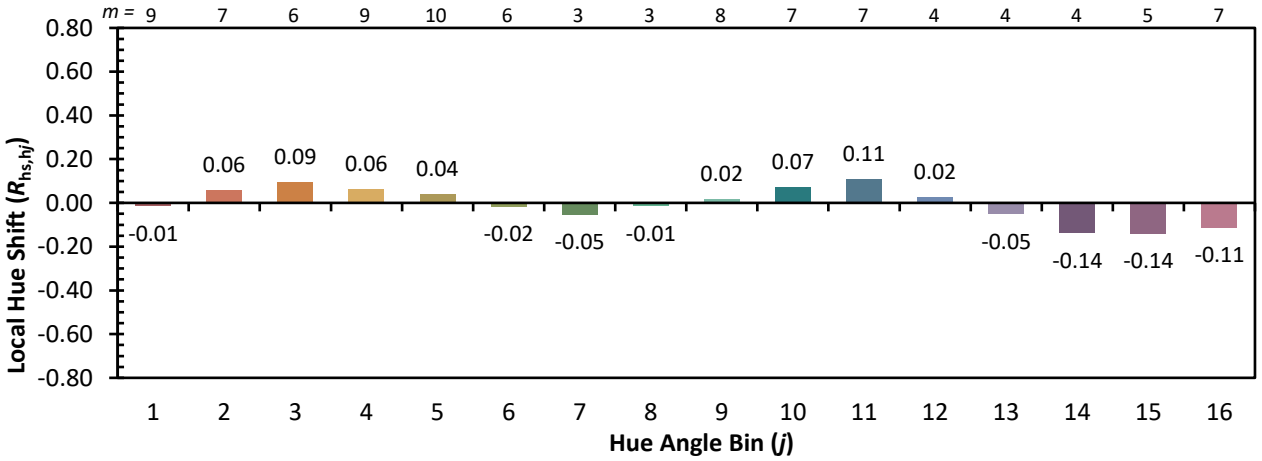
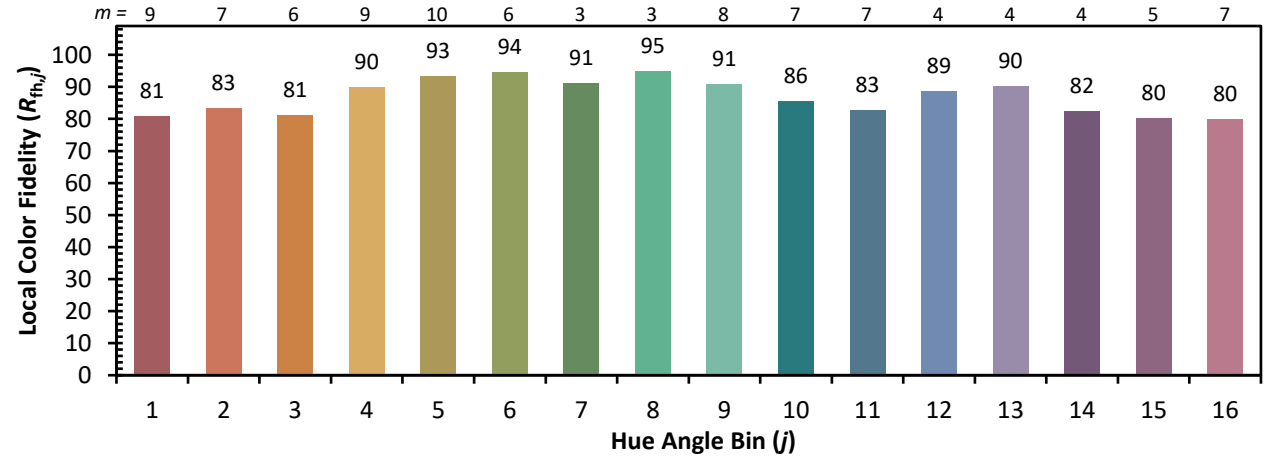
Color Rendition by Hue-Angle Bin







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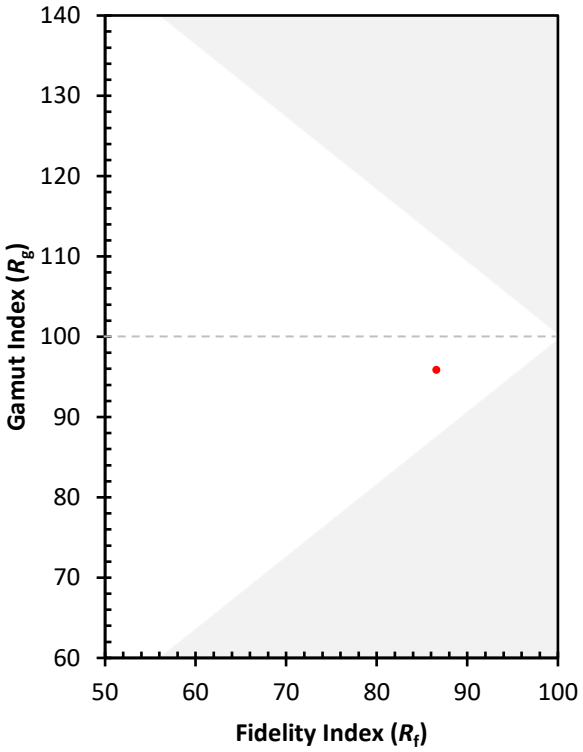
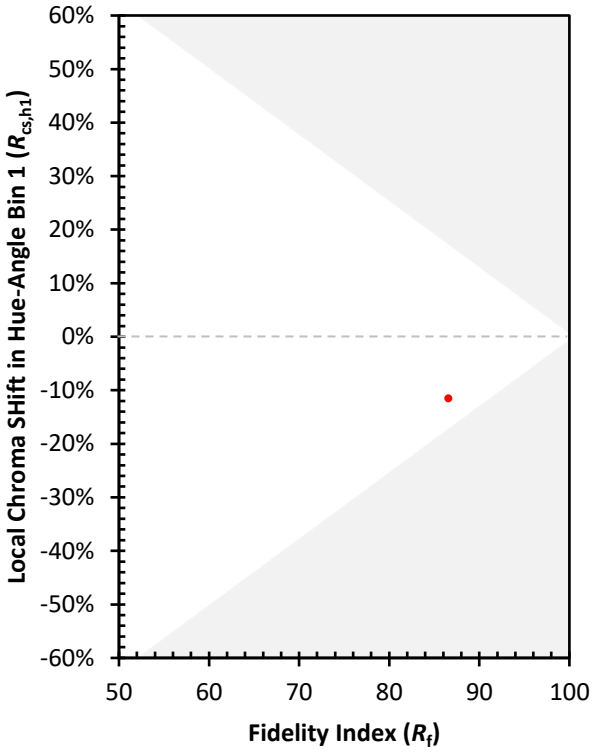
Measure Comparisons





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