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: P1456693

Luminaire Tested: GLAN-SB1C-840-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:	P1456693
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB1C-840-U-T3LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 1xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE
Light Source:	(26) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6988.7 lumens
Efficiency:	N/A
Efficacy:	128.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	54.4
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: P1456693
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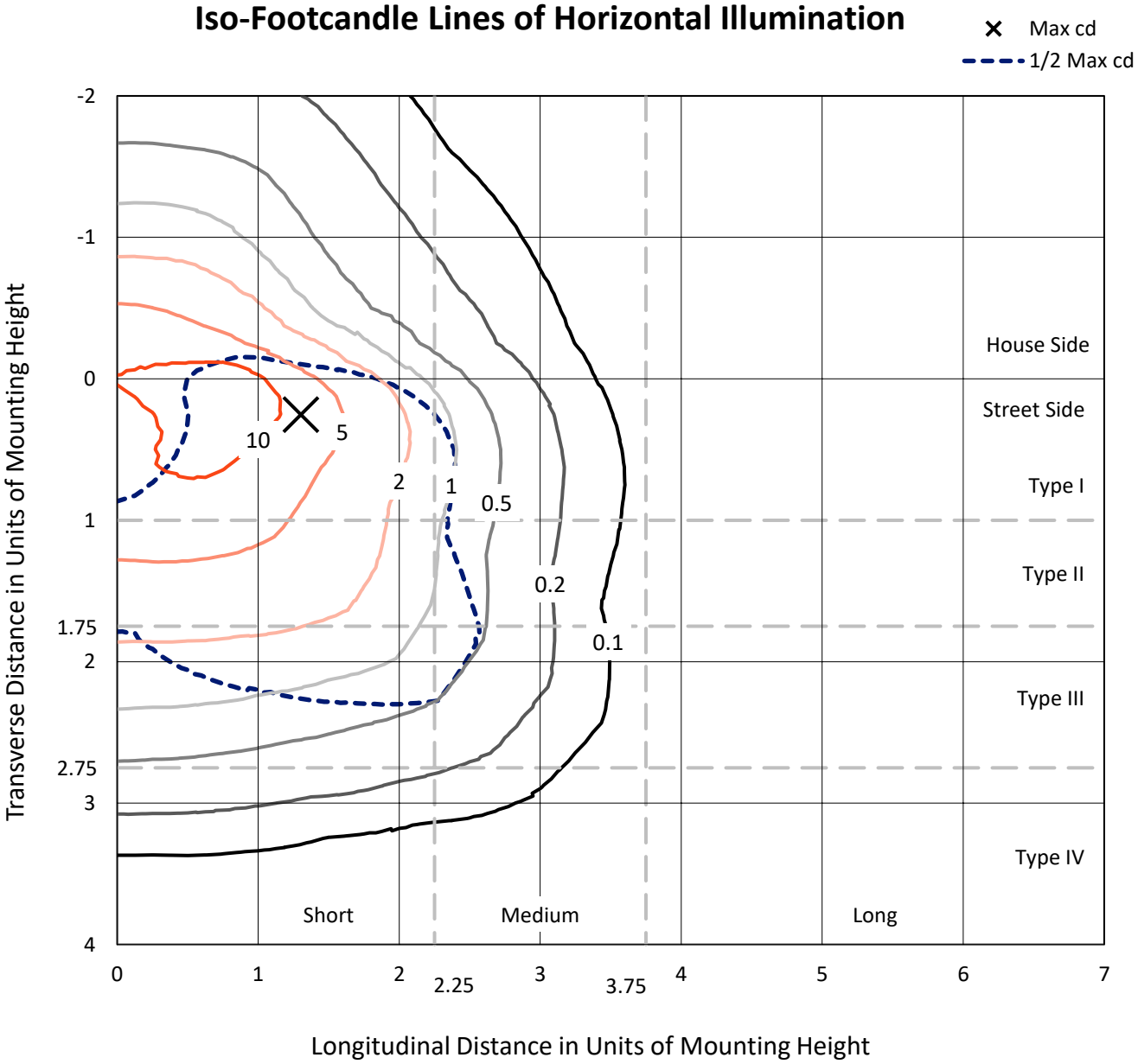
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 16 fc
Type III - Short - N/A

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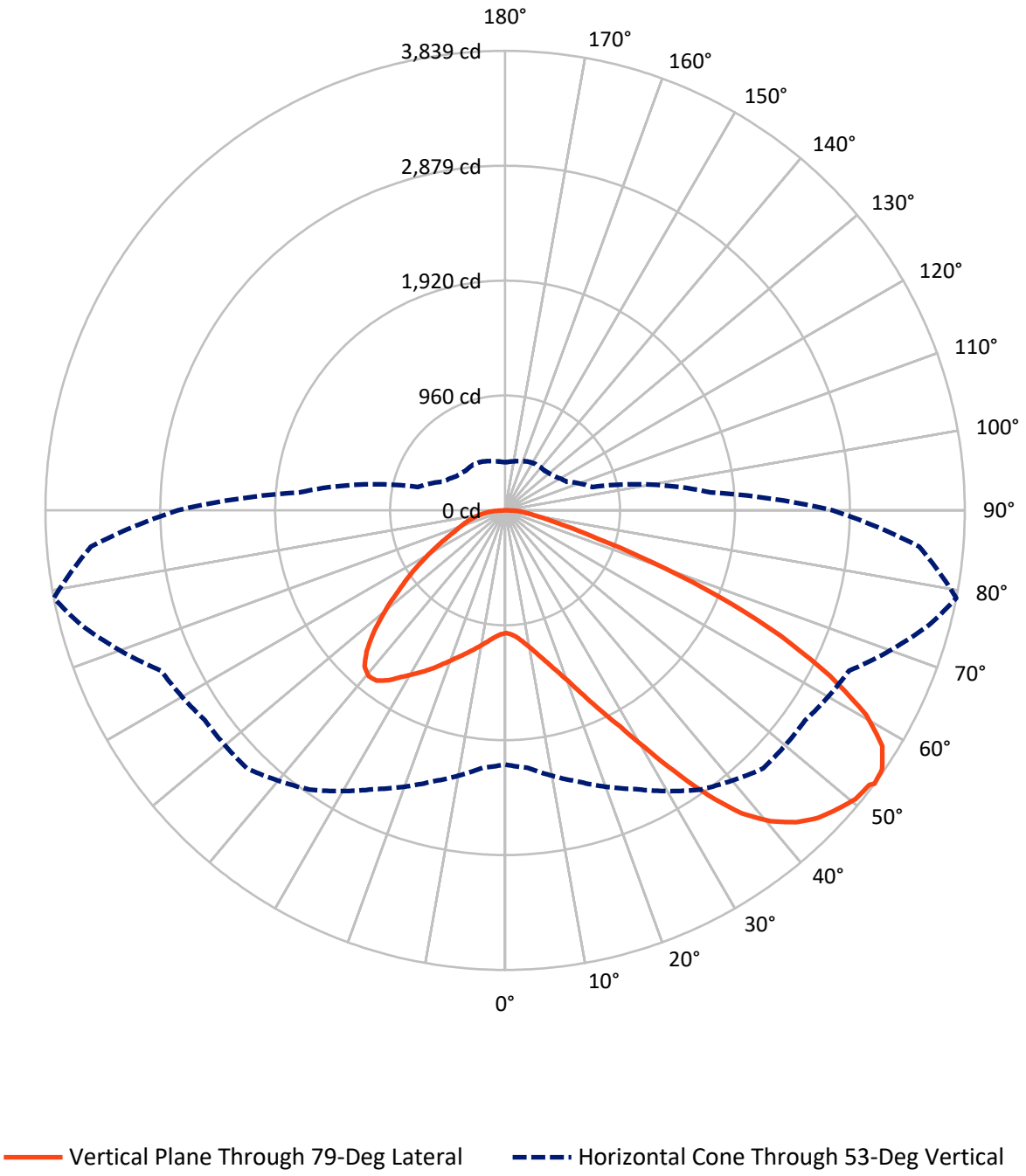
Luminous Intensity Polar Plot



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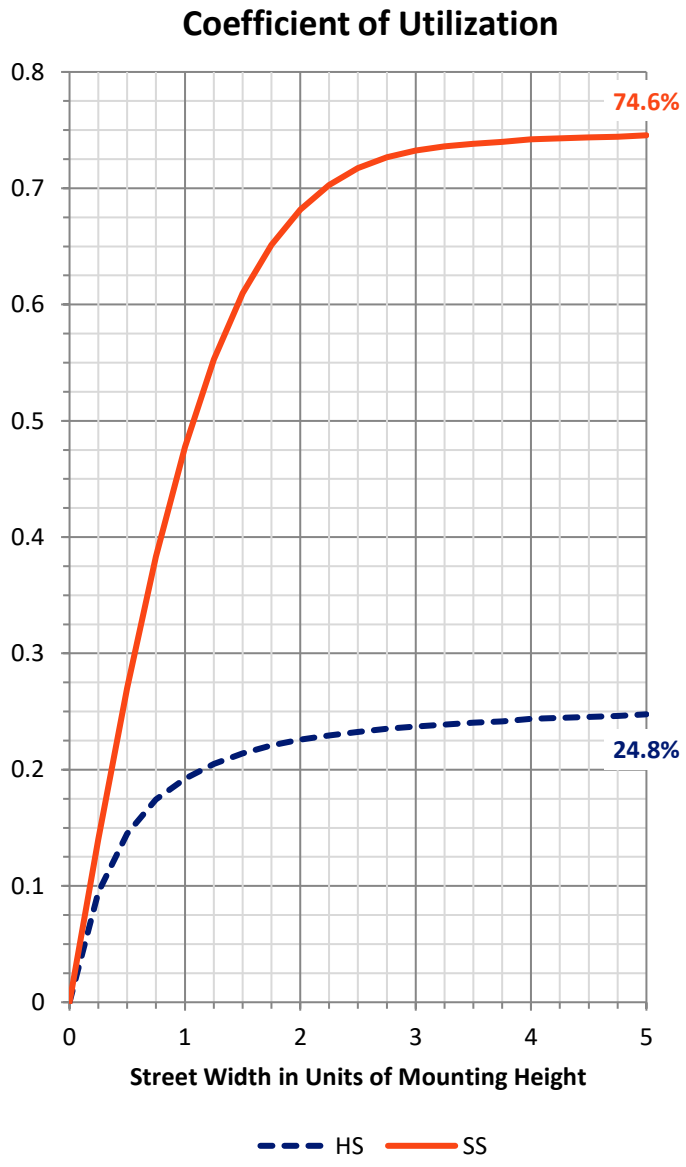
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1761.8	0.0	1761.8
	% Fixture	25.2	0.0	25.2
Street Side	Lumens	5226.9	0.0	5226.9
	% Fixture	74.8	0.0	74.8
Total	Lumens	6988.7	0.0	6988.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.8	1.4
10°-20°	302.7	4.3
20°-30°	578.8	8.3
30°-40°	993.7	14.2
40°-50°	1391.9	19.9
50°-60°	1579.6	22.6
60°-70°	1385.2	19.8
70°-80°	541.6	7.8
80°-90°	117.4	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°	6988.7	100.0
0°-180°	6988.7	100.0



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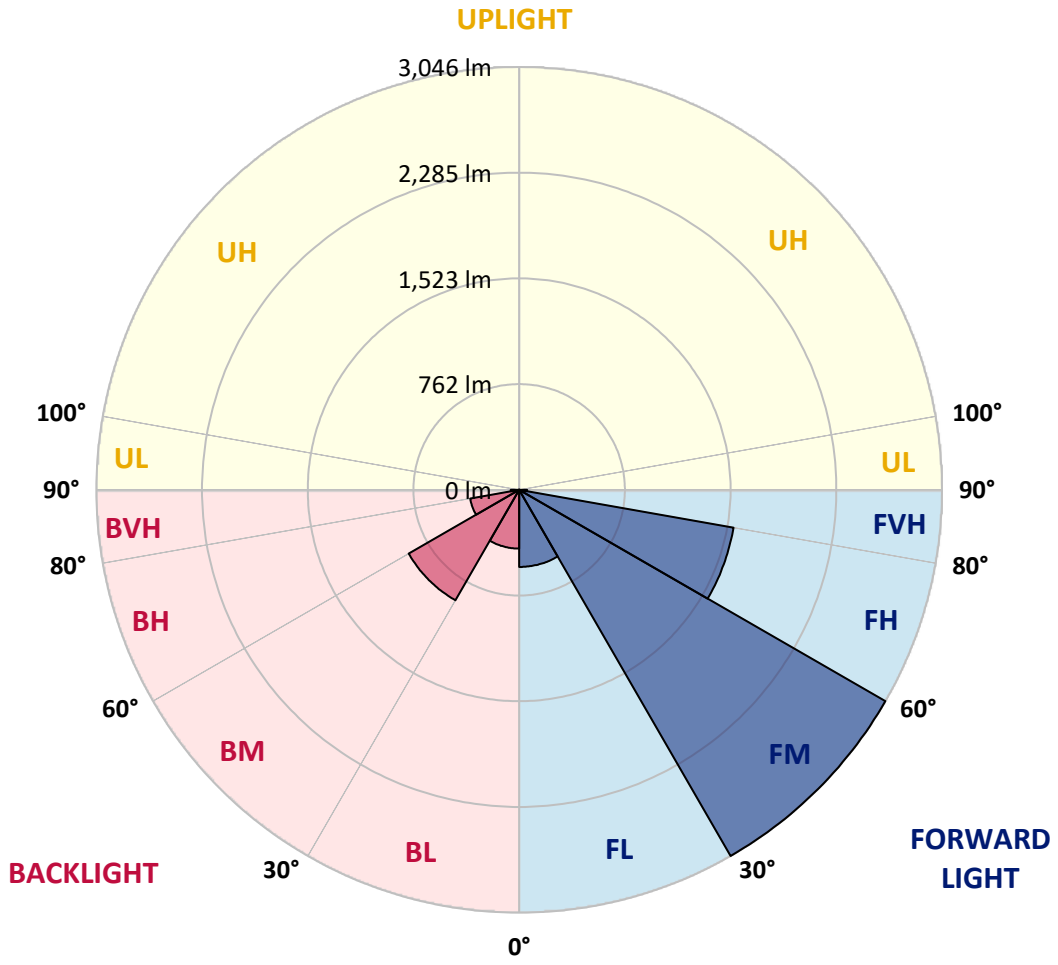
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	555.5	7.9			
FM	(30°-60°)	3046.1	43.6			
FH	(60°-80°)	1568.3	22.4			G1/1800
FVH	(80°-90°)	56.9	0.8			G1/100
BL	(0°-30°)	423.7	6.1	B1/500		
BM	(30°-60°)	919.1	13.2	B1/1000		
BH	(60°-80°)	358.6	5.1	B1/500		G1/500
BVH	(80°-90°)	60.4	0.9			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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REPORT NUMBER: P1456693
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	1026.0	1026.0	1026.0	1026.0	1026.0	1026.0	1026.0	1026.0	1026.0	*1026.0*	1026.0
2.5°	1027.5	1027.5	1021.3	1027.5	1024.4	1029.1	1032.2	1032.2	1038.4	*1036.9*	1036.9
5°	1010.4	1007.3	1005.7	1016.6	1022.8	1035.3	1049.3	1055.5	1066.4	*1066.4*	1068.0
7.5°	965.2	963.7	971.5	993.3	1013.5	1044.6	1074.2	1091.3	1108.5	*1111.6*	1111.6
10°	937.2	935.7	945.0	971.5	1004.2	1049.3	1096.0	1131.8	1159.8	*1167.6*	1167.6
12.5°	937.2	937.2	945.0	971.5	1005.7	1060.2	1124.0	1184.8	1228.3	*1237.7*	1234.6
15°	963.7	962.1	971.5	999.5	1032.2	1083.6	1161.4	1242.4	1301.5	*1318.6*	1320.2
17.5°	991.7	990.1	1004.2	1040.0	1078.9	1130.3	1209.7	1309.3	1393.4	*1415.2*	1419.8
20°	1035.3	1033.7	1050.9	1085.1	1133.4	1192.5	1275.0	1388.7	1505.5	*1528.8*	1535.0
22.5°	1085.1	1086.7	1105.4	1147.4	1195.7	1273.5	1374.7	1500.8	1640.9	*1676.7*	1682.9
25°	1189.4	1184.8	1200.3	1229.9	1281.3	1374.7	1499.2	1636.2	1802.8	*1846.4*	1854.2
27.5°	1328.0	1320.2	1337.3	1366.9	1404.3	1491.4	1634.7	1787.2	1988.1	*2042.6*	2044.1
30°	1452.5	1447.9	1471.2	1531.9	1570.8	1637.8	1790.4	1964.7	2216.9	*2296.3*	2299.4
32.5°	1559.9	1558.4	1602.0	1679.8	1768.6	1840.2	1988.1	2188.9	2506.5	*2598.4*	2578.1
35°	1662.7	1667.4	1721.9	1802.8	1921.1	2064.4	2213.8	2442.7	2811.6	*2922.2*	2889.5
37.5°	1767.0	1770.1	1841.7	1946.0	2070.6	2257.4	2458.2	2718.2	3076.3	*3213.3*	3141.7
40°	1863.5	1872.9	1969.4	2081.5	2243.4	2433.3	2657.5	2909.7	3280.3	*3415.7*	3337.9
42.5°	1960.1	1974.1	2078.4	2232.5	2405.3	2603.0	2796.1	3026.5	3411.0	*3562.0*	3442.2
45°	2059.7	2069.0	2198.3	2358.6	2554.8	2736.9	2875.5	3101.2	3501.3	*3664.8*	3501.3
47.5°	2126.6	2145.3	2287.0	2472.3	2668.4	2839.7	2939.3	3132.4	3558.9	*3731.7*	3523.1
50°	2153.1	2179.6	2332.1	2537.6	2761.8	2936.2	2989.1	3149.5	3622.8	*3790.9*	3518.4
52.5°	2148.4	2173.3	2339.9	2567.2	2836.6	3024.9	3037.4	3168.2	3667.9	*3811.1*	3478.0
53°	*2123.5*	*2157.8*	*2344.6*	*2568.8*	*2847.5*	*3048.3*	*3059.2*	*3169.7*	*3674.1*	*3839.2*	*3471.7*
55°	2037.9	2056.6	2296.3	2567.2	2898.8	3135.5	3119.9	3216.4	3691.3	*3820.5*	3403.2
57.5°	1960.1	1978.7	2187.4	2537.6	2940.9	3258.5	3218.0	3208.6	3597.8	*3714.6*	3230.4
60°	1910.2	1916.5	2092.4	2444.2	2923.7	3344.1	3281.8	3116.8	3367.4	*3464.0*	2926.9
62.5°	1868.2	1866.6	2022.3	2310.3	2858.4	3356.5	3294.3	2889.5	3029.6	*3045.2*	2522.1
65°	1773.2	1762.3	1913.4	2159.3	2722.9	3300.5	3141.7	2545.4	2581.2	*2529.9*	2025.4
67.5°	1584.9	1561.5	1695.4	1928.9	2447.3	3141.7	2850.6	2145.3	2034.8	*1932.0*	1525.7
70°	1134.9	1134.9	1242.4	1475.9	1964.7	2715.1	2447.3	1623.8	1401.2	*1309.3*	1019.7
72.5°	555.8	569.8	681.9	871.8	1317.1	1971.0	1874.4	1052.4	850.0	*804.9*	653.9
75°	236.6	238.2	291.1	386.1	667.9	1166.1	1173.9	607.2	544.9	*523.1*	432.8
77.5°	165.0	168.1	191.5	227.3	317.6	535.6	610.3	367.4	365.9	*350.3*	308.3
80°	126.1	129.2	144.8	169.7	213.3	274.0	316.0	249.1	261.5	*246.0*	222.6
82.5°	95.0	98.1	109.0	127.7	152.6	183.7	177.5	183.7	193.0	*183.7*	160.4
85°	63.8	65.4	73.2	88.7	98.1	110.5	110.5	133.9	140.1	*137.0*	126.1
87.5°	32.7	32.7	38.9	46.7	49.8	51.4	45.1	59.2	66.9	*73.2*	59.2
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

REPORT NUMBER: P1456693
CATALOG NUMBER: GLAN-SB1C-840-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1026.0	1026.0	1026.0	1026.0	1026.0	1026.0	1026.0	1026.0	1026.0	1026.0	1026.0
2.5°	1036.9	1038.4	1033.7	1032.2	1030.6	1022.8	1022.8	1015.1	1013.5	1015.1	1010.4
5°	1071.1	1068.0	1055.5	1046.2	1035.3	1013.5	1001.0	983.9	979.2	974.6	969.9
7.5°	1113.1	1108.5	1086.7	1061.8	1032.2	990.1	966.8	938.8	929.4	921.6	918.5
10°	1166.1	1156.7	1122.5	1069.5	1015.1	963.7	931.0	896.7	881.2	878.1	870.3
12.5°	1234.6	1217.4	1153.6	1071.1	999.5	932.5	896.7	870.3	864.0	862.5	854.7
15°	1310.9	1285.9	1183.2	1072.7	979.2	906.1	884.3	870.3	870.3	868.7	864.0
17.5°	1404.3	1363.8	1211.2	1066.4	954.3	898.3	887.4	874.9	871.8	873.4	867.2
20°	1516.4	1449.4	1240.8	1058.6	943.4	899.9	887.4	870.3	862.5	860.9	856.3
22.5°	1645.6	1547.5	1273.5	1046.2	943.4	898.3	878.1	854.7	839.1	832.9	826.7
25°	1793.5	1661.1	1307.7	1041.5	946.6	892.1	859.4	822.0	797.1	787.8	783.1
27.5°	1972.5	1781.0	1332.7	1046.2	945.0	878.1	826.7	778.4	750.4	734.8	731.7
30°	2170.2	1910.2	1349.8	1054.0	935.7	851.6	787.8	733.3	694.3	675.7	671.0
32.5°	2403.8	2055.0	1366.9	1054.0	912.3	814.2	742.6	683.5	643.0	621.2	618.1
35°	2662.2	2232.5	1382.5	1052.4	884.3	773.7	697.5	636.7	594.7	572.9	571.4
37.5°	2881.7	2366.4	1390.3	1036.9	845.4	727.0	655.4	594.7	551.1	527.8	526.2
40°	3017.1	2422.4	1374.7	1005.7	798.7	678.8	608.7	552.7	509.1	481.1	474.8
42.5°	3068.5	2396.0	1324.9	954.3	742.6	630.5	569.8	510.6	453.0	429.7	425.0
45°	3051.4	2293.2	1219.0	881.2	680.3	586.9	535.6	468.6	431.2	411.0	409.4
47.5°	2993.8	2134.4	1086.7	789.3	615.0	548.0	490.4	457.7	423.5	401.7	400.1
50°	2892.6	1964.7	927.9	685.0	555.8	507.5	479.5	453.0	425.0	407.9	404.8
52.5°	2763.4	1773.2	781.5	583.8	504.4	471.7	468.6	449.9	428.1	409.4	401.7
53°	*2733.8*	*1723.4*	*753.5*	*566.7*	*496.6*	*467.1*	*465.5*	*449.9*	*425.0*	*407.9*	*401.7*
55°	2592.1	1569.3	664.8	506.0	457.7	451.5	465.5	448.4	417.2	403.2	398.6
57.5°	2364.8	1366.9	579.1	449.9	417.2	432.8	460.8	442.1	407.9	383.0	375.2
60°	2090.8	1134.9	513.8	412.6	387.7	409.4	442.1	420.3	373.6	361.2	359.6
62.5°	1763.9	918.5	463.9	381.4	362.7	384.5	414.1	376.8	342.5	333.2	330.0
65°	1377.8	730.2	425.0	358.1	337.8	355.0	375.2	351.8	330.0	322.3	320.7
67.5°	1024.4	572.9	393.9	337.8	312.9	323.8	347.2	340.9	322.3	317.6	316.0
70°	706.8	465.5	365.9	319.2	281.8	294.2	330.0	334.7	316.0	312.9	311.4
72.5°	495.1	393.9	336.3	298.9	256.9	269.3	322.3	322.3	302.0	306.7	303.6
75°	372.1	331.6	302.0	274.0	225.7	244.4	311.4	308.3	288.0	308.3	300.5
77.5°	280.2	267.8	261.5	242.9	197.7	216.4	289.6	283.3	256.9	258.4	244.4
80°	203.9	207.1	224.2	207.1	165.0	179.0	244.4	241.3	208.6	214.8	197.7
82.5°	146.3	154.1	191.5	166.6	119.9	127.7	168.1	182.1	163.5	154.1	157.2
85°	110.5	115.2	154.1	123.0	74.7	84.1	115.2	130.8	127.7	118.3	119.9
87.5°	46.7	52.9	71.6	57.6	43.6	43.6	71.6	91.9	82.5	70.1	73.2
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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

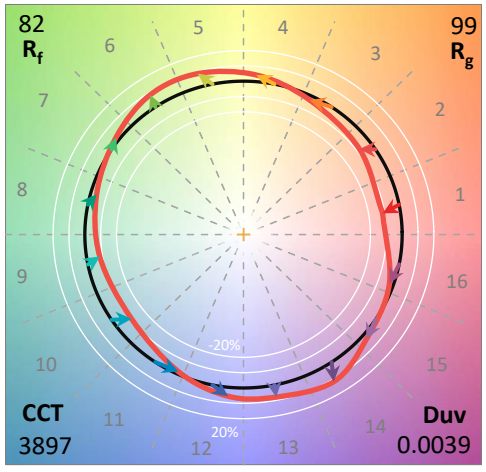
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
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-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

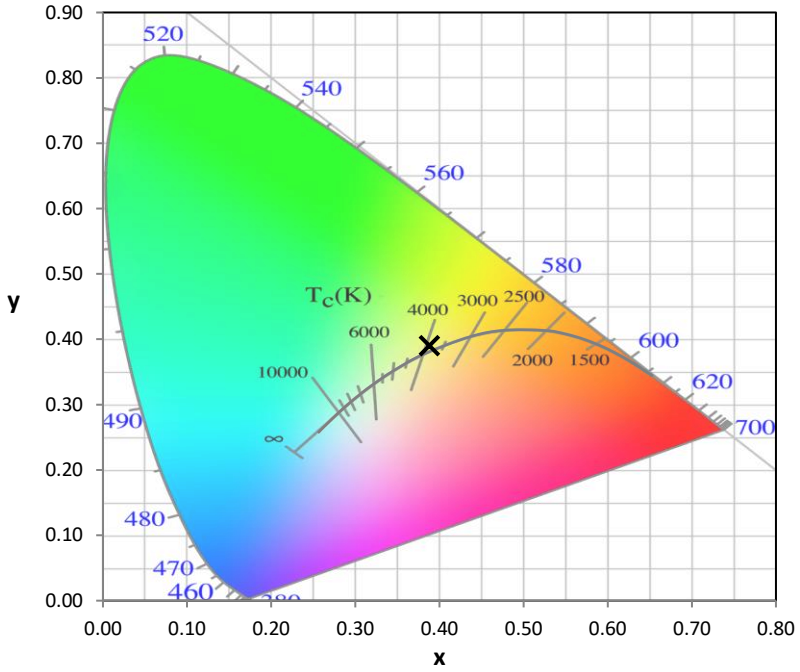
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

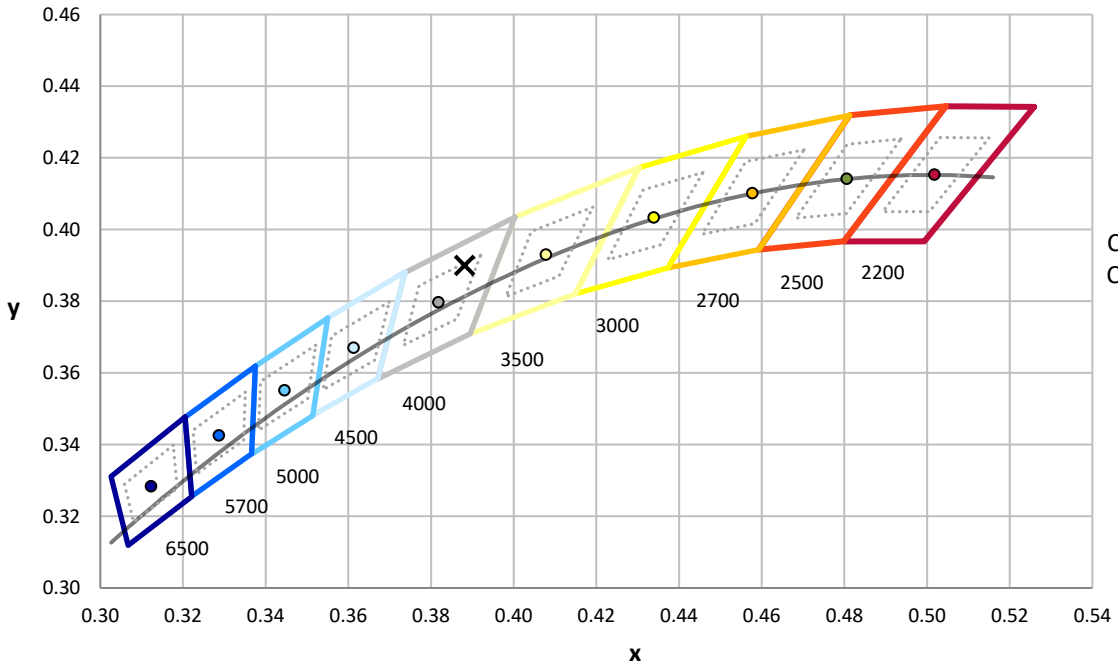
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



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

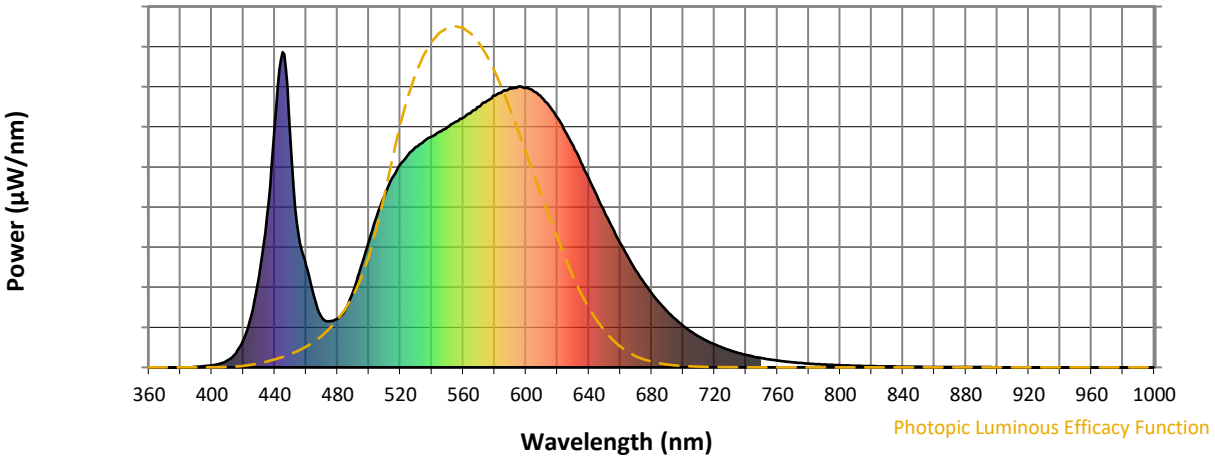


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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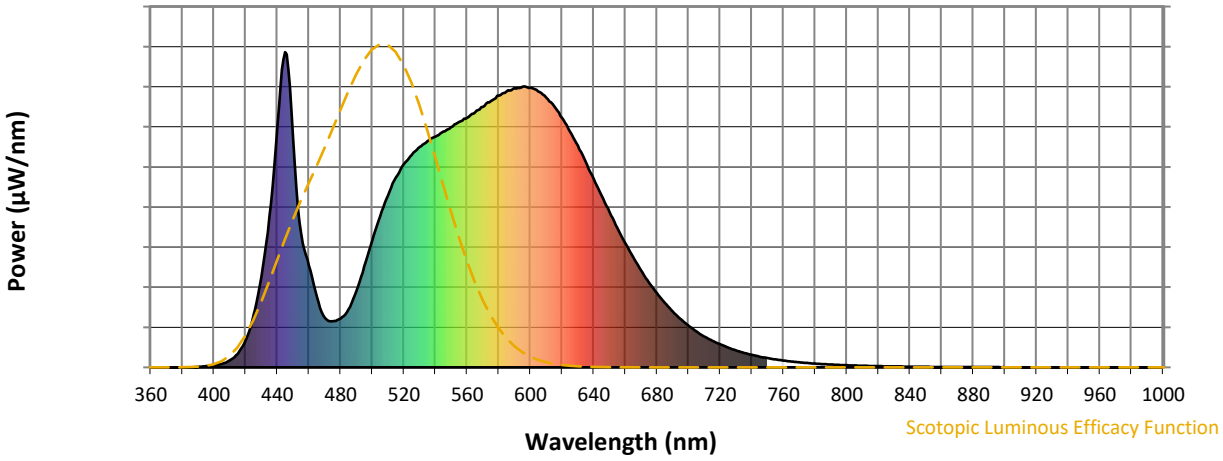
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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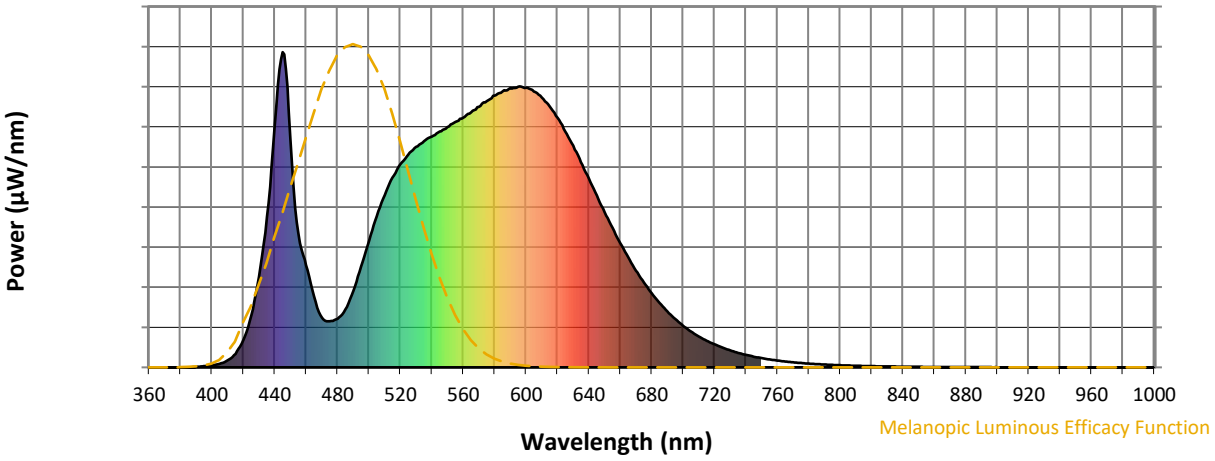
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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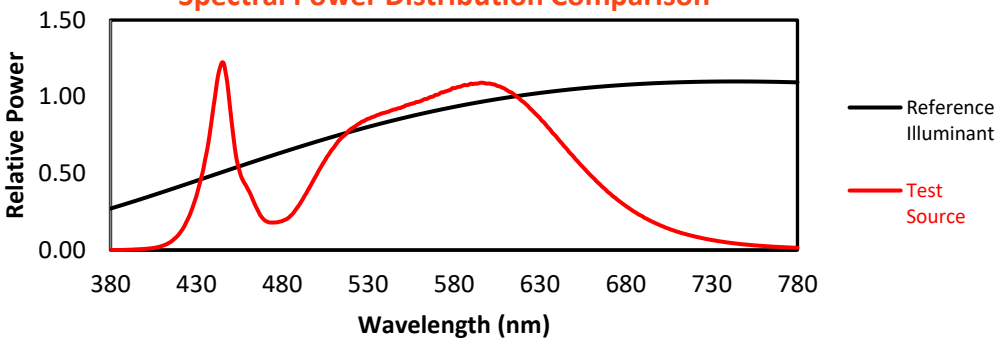
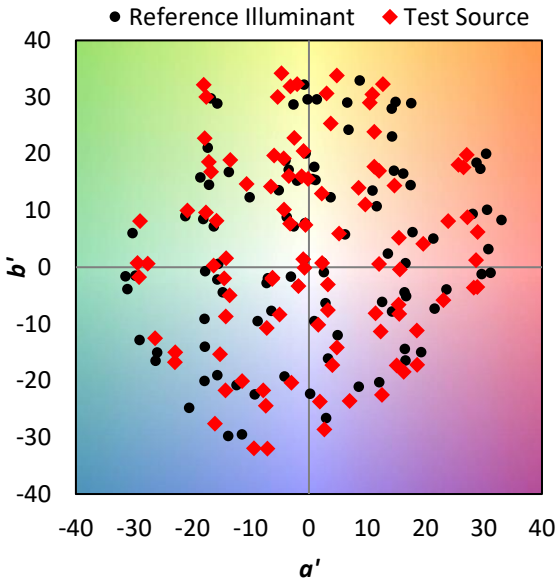
Summary

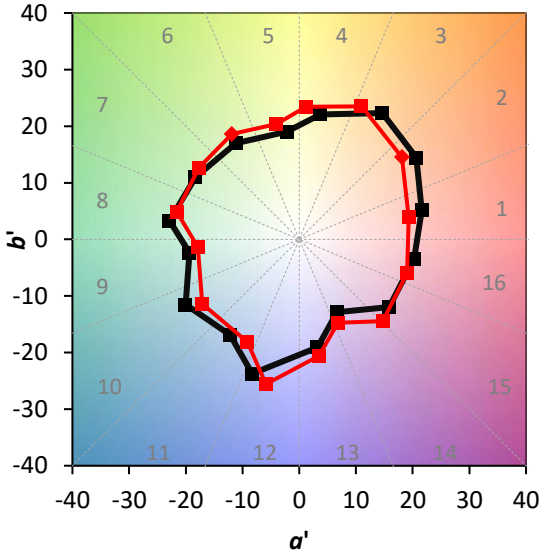
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

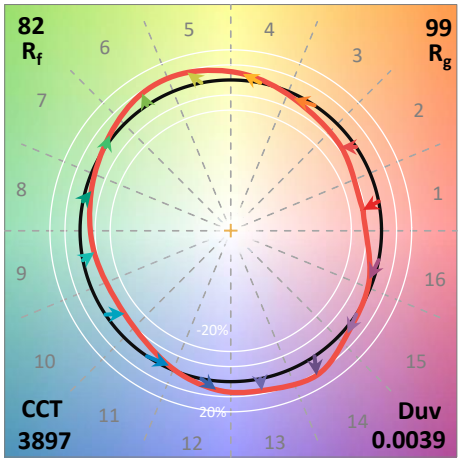
Spectral Power Distribution Comparison

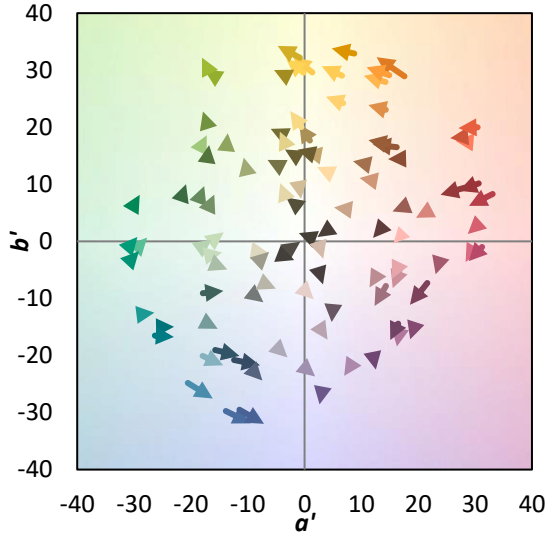


Color Vector Graphics









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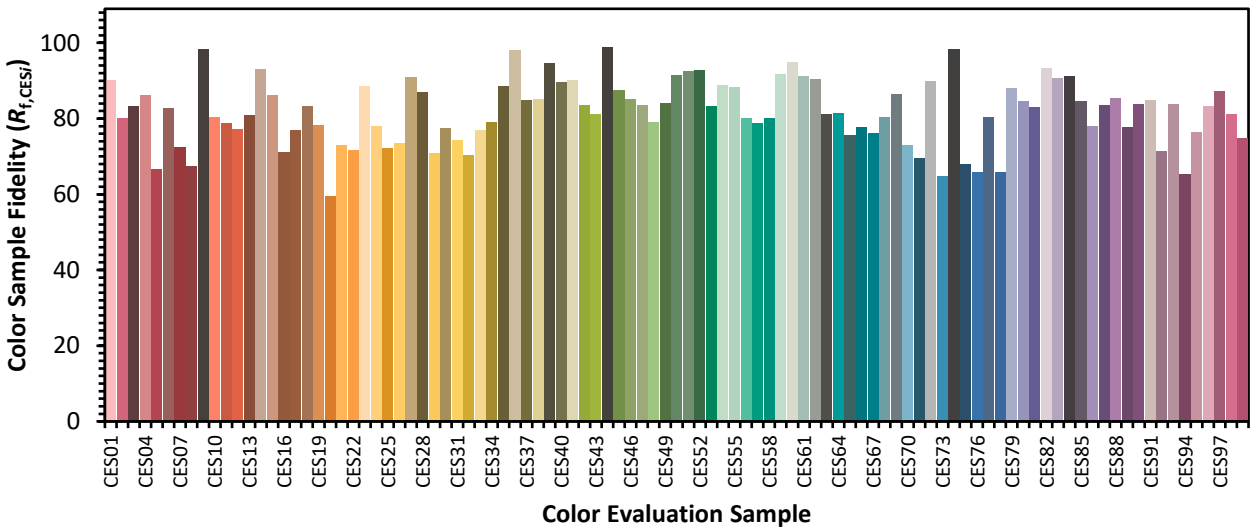
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



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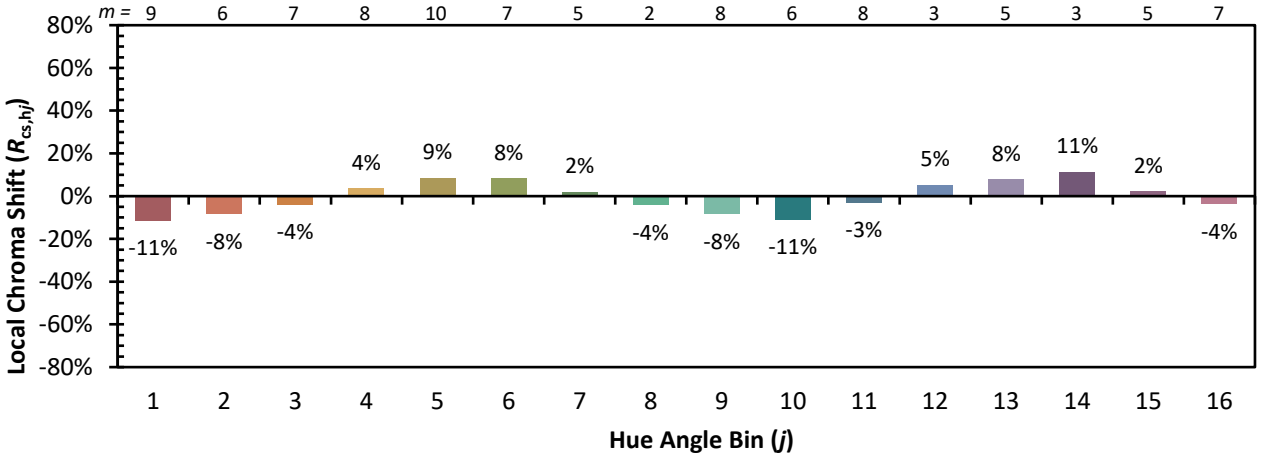
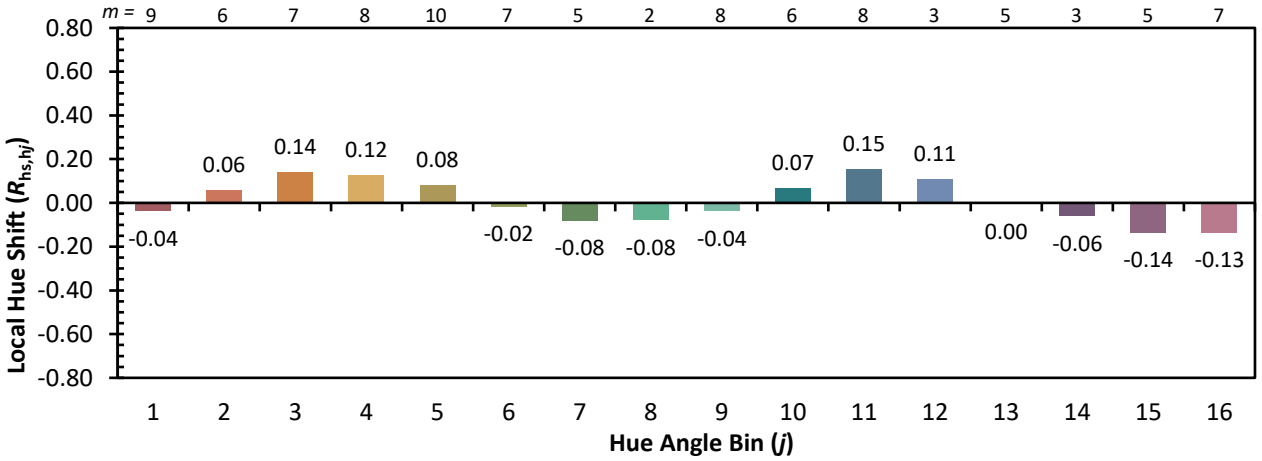
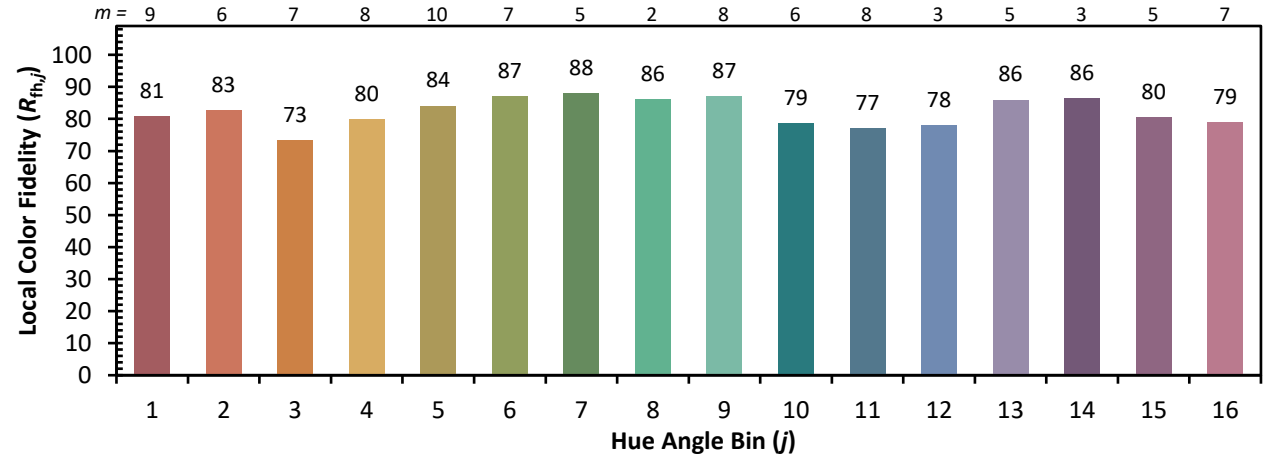
Color Rendition by Hue-Angle Bin







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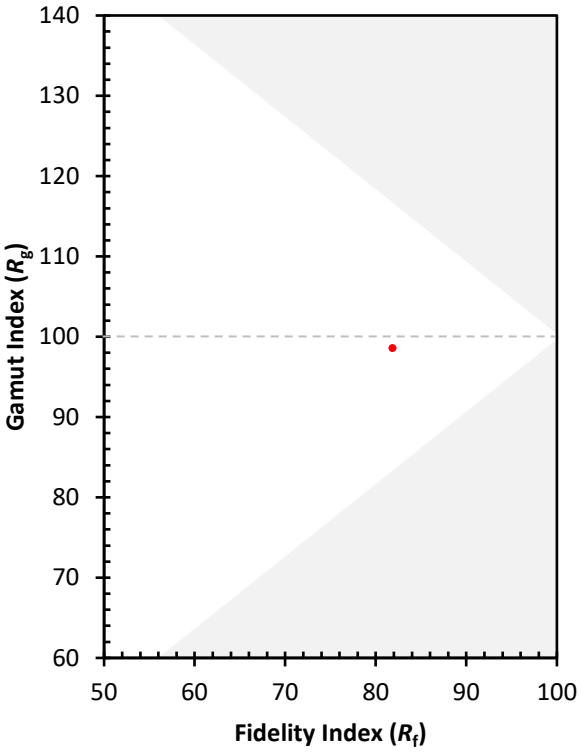
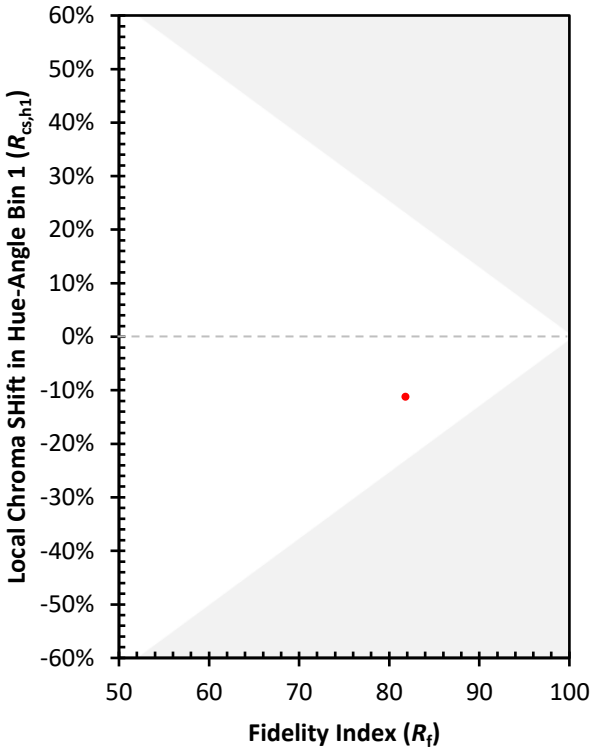
Measure Comparisons





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