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: P1456694

Luminaire Tested: GLAN-SB1D-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:	P1456694
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB1D-840-U-T3LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 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:	9495.8 lumens
Efficiency:	N/A
Efficacy:	119.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	79.6
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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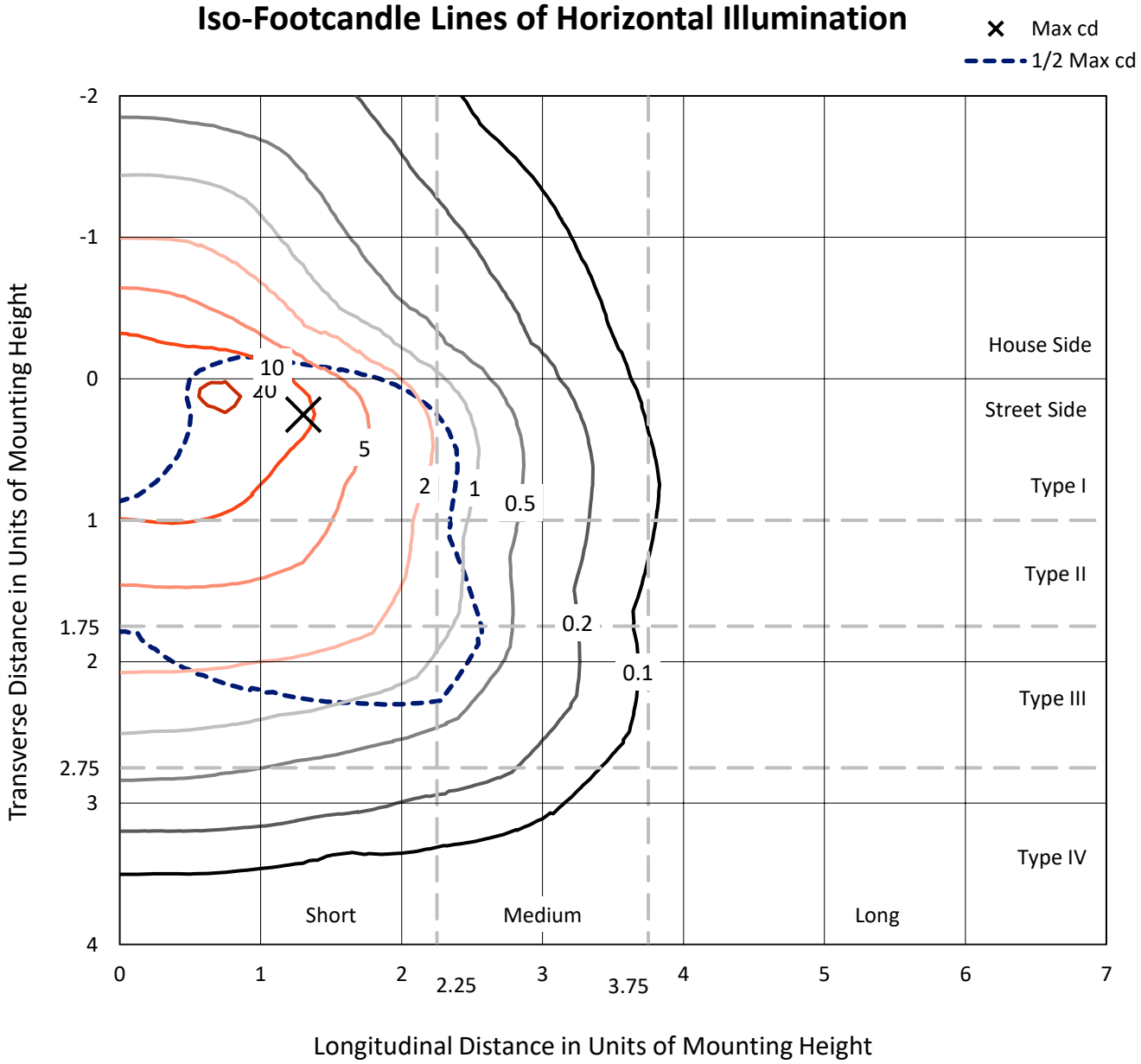
Scaled Data Report

REPORT NUMBER: P1456694
CATALOG NUMBER: GLAN-SB1D-840-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 21.7 fc
Type III - Short - N/A

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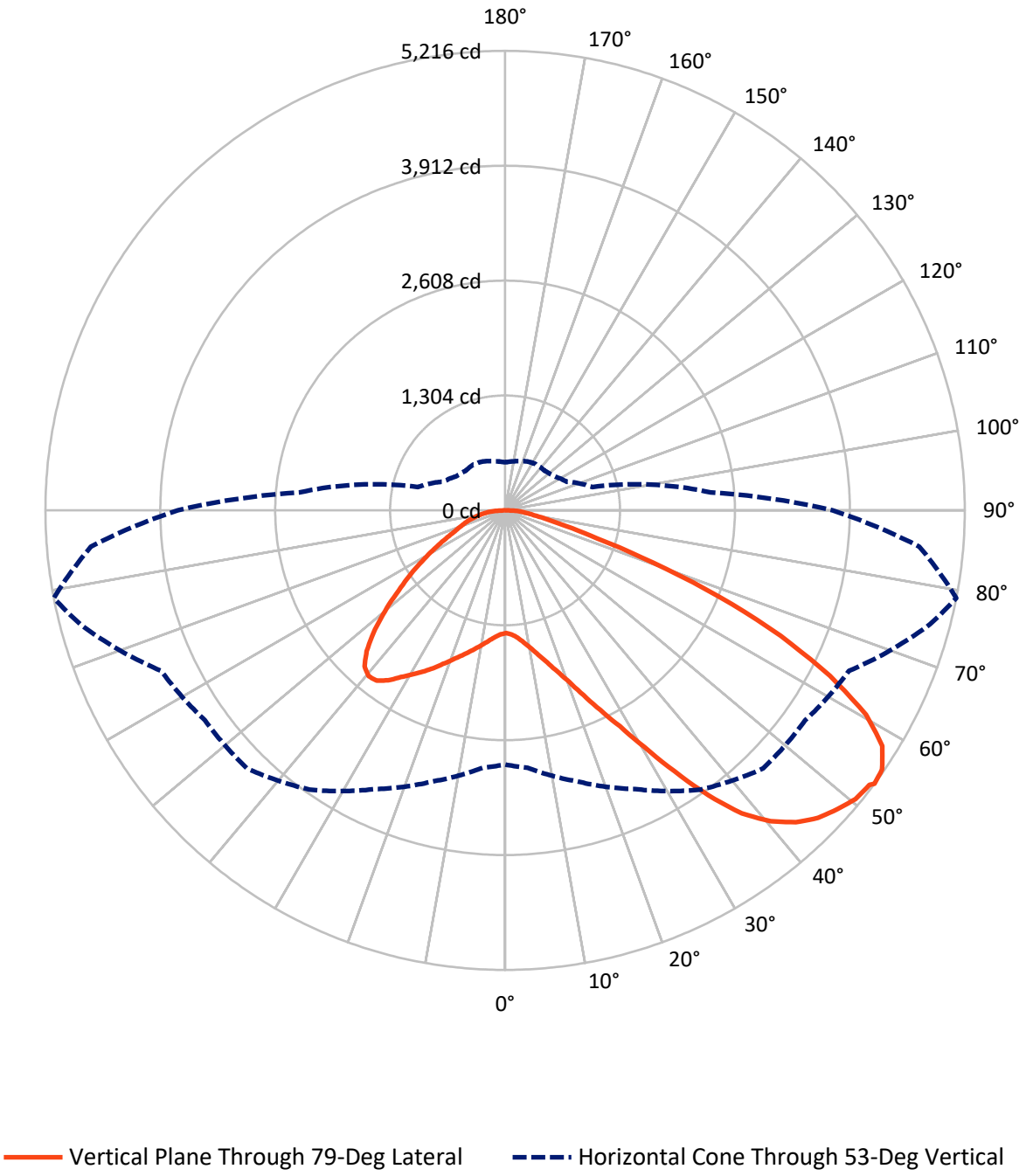
Luminous Intensity Polar Plot



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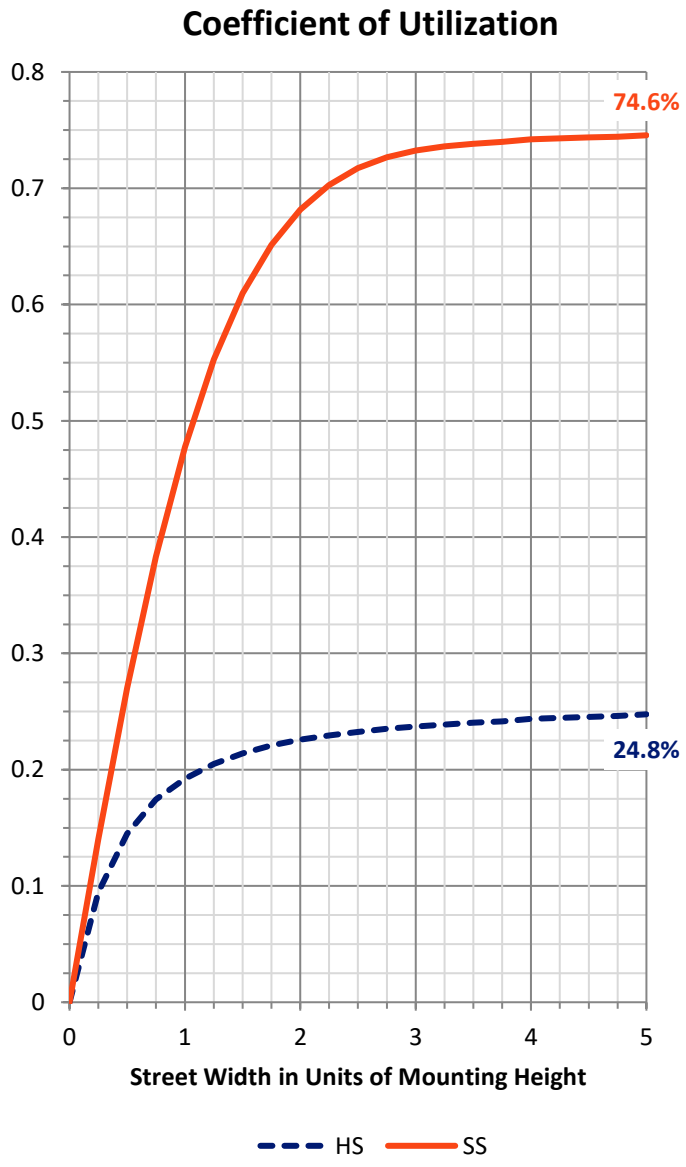
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2393.8	0.0	2393.8
	% Fixture	25.2	0.0	25.2
Street Side	Lumens	7102.0	0.0	7102.0
	% Fixture	74.8	0.0	74.8
Total	Lumens	9495.8	0.0	9495.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	132.8	1.4
10°-20°	411.3	4.3
20°-30°	786.4	8.3
30°-40°	1350.2	14.2
40°-50°	1891.2	19.9
50°-60°	2146.3	22.6
60°-70°	1882.2	19.8
70°-80°	736.0	7.8
80°-90°	159.5	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°	9495.8	100.0
0°-180°	9495.8	100.0



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REPORT NUMBER: P1456694
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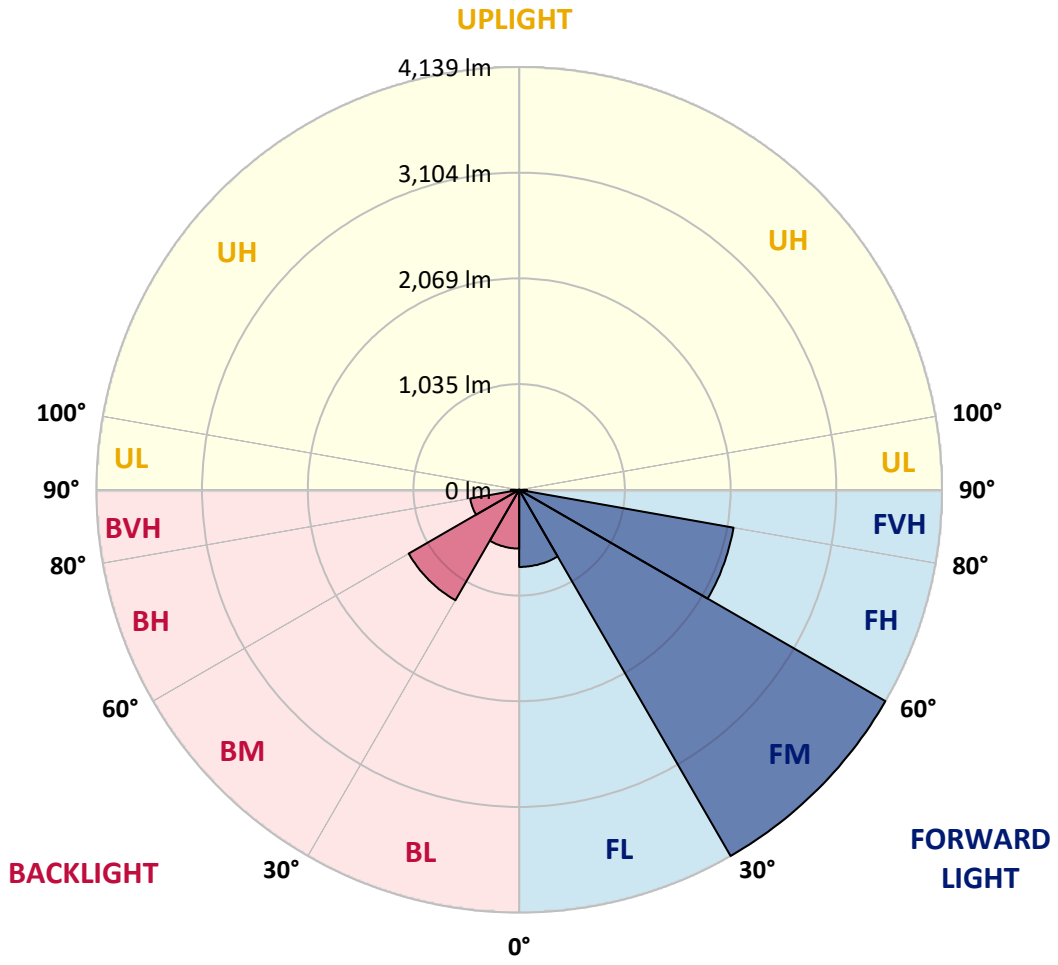
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	754.8	7.9			
FM	(30°-60°)	4138.9	43.6			
FH	(60°-80°)	2130.9	22.4			G2/5000
FVH	(80°-90°)	77.3	0.8			G1/100
BL	(0°-30°)	575.7	6.1	B2/1000		
BM	(30°-60°)	1248.8	13.2	B2/2500		
BH	(60°-80°)	487.2	5.1	B1/500		G1/500
BVH	(80°-90°)	82.1	0.9			G1/100
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: P1456694
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	*1394.0*	1394.0
2.5°	1396.1	1396.1	1387.7	1396.1	1391.9	1398.2	1402.5	1402.5	1410.9	*1408.8*	1408.8
5°	1372.9	1368.6	1366.5	1381.3	1389.8	1406.7	1425.7	1434.2	1449.0	*1449.0*	1451.1
7.5°	1311.5	1309.4	1320.0	1349.6	1377.1	1419.4	1459.6	1482.8	1506.1	*1510.3*	1510.3
10°	1273.4	1271.3	1284.0	1320.0	1364.4	1425.7	1489.2	1537.8	1575.9	*1586.5*	1586.5
12.5°	1273.4	1273.4	1284.0	1320.0	1366.5	1440.5	1527.3	1609.8	1669.0	*1681.7*	1677.5
15°	1309.4	1307.3	1320.0	1358.0	1402.5	1472.3	1578.0	1688.0	1768.4	*1791.7*	1793.8
17.5°	1347.5	1345.4	1364.4	1413.0	1465.9	1535.7	1643.6	1779.0	1893.2	*1922.8*	1929.2
20°	1406.7	1404.6	1427.8	1474.4	1540.0	1620.3	1732.5	1886.9	2045.5	*2077.3*	2085.7
22.5°	1474.4	1476.5	1501.9	1559.0	1624.6	1730.3	1867.8	2039.2	2229.6	*2278.2*	2286.7
25°	1616.1	1609.8	1630.9	1671.1	1740.9	1867.8	2037.1	2223.2	2449.6	*2508.8*	2519.4
27.5°	1804.4	1793.8	1817.1	1857.3	1908.0	2026.5	2221.1	2428.4	2701.3	*2775.3*	2777.4
30°	1973.6	1967.3	1999.0	2081.5	2134.4	2225.3	2432.6	2669.5	3012.2	*3120.1*	3124.3
32.5°	2119.6	2117.4	2176.7	2282.4	2403.0	2500.3	2701.3	2974.2	3405.7	*3530.5*	3503.0
35°	2259.2	2265.5	2339.6	2449.6	2610.3	2804.9	3008.0	3319.0	3820.3	*3970.5*	3926.1
37.5°	2400.9	2405.1	2502.4	2644.2	2813.4	3067.2	3340.1	3693.4	4179.9	*4366.0*	4268.7
40°	2532.1	2544.7	2675.9	2828.2	3048.2	3306.3	3610.9	3953.6	4457.0	*4641.0*	4535.3
42.5°	2663.2	2682.2	2824.0	3033.4	3268.2	3536.8	3799.1	4112.2	4634.7	*4839.9*	4677.0
45°	2798.6	2811.3	2986.8	3204.7	3471.3	3718.8	3907.0	4213.7	4757.4	*4979.5*	4757.4
47.5°	2889.5	2914.9	3107.4	3359.1	3625.7	3858.4	3993.7	4256.0	4835.6	*5070.5*	4787.0
50°	2925.5	2961.5	3168.8	3448.0	3752.6	3989.5	4061.4	4279.3	4922.4	*5150.8*	4780.6
52.5°	2919.2	2953.0	3179.3	3488.2	3854.1	4110.1	4127.0	4304.7	4983.7	*5178.3*	4725.7
53°	*2885.3*	*2931.8*	*3185.7*	*3490.3*	*3868.9*	*4141.8*	*4156.6*	*4306.8*	*4992.2*	*5216.4*	*4717.2*
55°	2769.0	2794.4	3120.1	3488.2	3938.7	4260.3	4239.1	4370.3	5015.5	*5191.0*	4624.1
57.5°	2663.2	2688.6	2972.0	3448.0	3995.9	4427.4	4372.4	4359.7	4888.5	*5047.2*	4389.3
60°	2595.5	2604.0	2843.0	3321.1	3972.6	4543.7	4459.1	4234.9	4575.5	*4706.6*	3976.8
62.5°	2538.4	2536.3	2747.8	3139.2	3883.7	4560.7	4476.0	3926.1	4116.4	*4137.6*	3426.8
65°	2409.4	2394.6	2599.7	2934.0	3699.7	4484.5	4268.7	3458.6	3507.2	*3437.4*	2752.0
67.5°	2153.4	2121.7	2303.6	2620.9	3325.3	4268.7	3873.2	2914.9	2764.7	*2625.1*	2073.0
70°	1542.1	1542.1	1688.0	2005.3	2669.5	3689.1	3325.3	2206.3	1903.8	*1779.0*	1385.5
72.5°	755.2	774.2	926.5	1184.6	1789.6	2678.0	2546.9	1430.0	1155.0	*1093.6*	888.4
75°	321.5	323.6	395.6	524.6	907.5	1584.4	1595.0	825.0	740.4	*710.8*	588.1
77.5°	224.2	228.5	260.2	308.8	431.5	727.7	829.2	499.2	497.1	*475.9*	418.8
80°	171.3	175.6	196.7	230.6	289.8	372.3	429.4	338.5	355.4	*334.2*	302.5
82.5°	129.0	133.3	148.1	173.5	207.3	249.6	241.1	249.6	262.3	*249.6*	217.9
85°	86.7	88.8	99.4	120.6	133.3	150.2	150.2	181.9	190.4	*186.1*	171.3
87.5°	44.4	44.4	52.9	63.5	67.7	69.8	61.3	80.4	91.0	*99.4*	80.4
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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Scaled Data Report

REPORT NUMBER: P1456694
CATALOG NUMBER: GLAN-SB1D-840-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0
2.5°	1408.8	1410.9	1404.6	1402.5	1400.3	1389.8	1389.8	1379.2	1377.1	1379.2	1372.9
5°	1455.3	1451.1	1434.2	1421.5	1406.7	1377.1	1360.2	1336.9	1330.5	1324.2	1317.9
7.5°	1512.5	1506.1	1476.5	1442.7	1402.5	1345.4	1313.6	1275.5	1262.9	1252.3	1248.0
10°	1584.4	1571.7	1525.2	1453.2	1379.2	1309.4	1265.0	1218.4	1197.3	1193.0	1182.5
12.5°	1677.5	1654.2	1567.5	1455.3	1358.0	1267.1	1218.4	1182.5	1174.0	1171.9	1161.3
15°	1781.1	1747.3	1607.7	1457.5	1330.5	1231.1	1201.5	1182.5	1182.5	1180.4	1174.0
17.5°	1908.0	1853.0	1645.7	1449.0	1296.7	1220.5	1205.7	1188.8	1184.6	1186.7	1178.2
20°	2060.3	1969.4	1685.9	1438.4	1281.9	1222.7	1205.7	1182.5	1171.9	1169.8	1163.4
22.5°	2235.9	2102.6	1730.3	1421.5	1281.9	1220.5	1193.0	1161.3	1140.2	1131.7	1123.2
25°	2436.9	2257.1	1776.9	1415.2	1286.1	1212.1	1167.7	1116.9	1083.0	1070.4	1064.0
27.5°	2680.1	2419.9	1810.7	1421.5	1284.0	1193.0	1123.2	1057.7	1019.6	998.4	994.2
30°	2948.8	2595.5	1834.0	1432.1	1271.3	1157.1	1070.4	996.3	943.4	918.1	911.7
32.5°	3266.1	2792.2	1857.3	1432.1	1239.6	1106.3	1009.0	928.6	873.6	844.0	839.8
35°	3617.2	3033.4	1878.4	1430.0	1201.5	1051.3	947.7	865.2	808.1	778.4	776.3
37.5°	3915.5	3215.3	1889.0	1408.8	1148.6	987.9	890.6	808.1	748.8	717.1	715.0
40°	4099.5	3291.5	1867.8	1366.5	1085.2	922.3	827.1	750.9	691.7	653.6	645.2
42.5°	4169.3	3255.5	1800.1	1296.7	1009.0	856.7	774.2	693.8	615.6	583.8	577.5
45°	4146.1	3115.9	1656.3	1197.3	924.4	797.5	727.7	636.7	585.9	558.4	556.3
47.5°	4067.8	2900.1	1476.5	1072.5	835.6	744.6	666.3	621.9	575.4	545.8	543.6
50°	3930.3	2669.5	1260.7	930.7	755.2	689.6	651.5	615.6	577.5	554.2	550.0
52.5°	3754.7	2409.4	1061.9	793.2	685.4	640.9	636.7	611.3	581.7	556.3	545.8
53°	*3714.5*	*2341.7*	*1023.8*	*770.0*	*674.8*	*634.6*	*632.5*	*611.3*	*577.5*	*554.2*	*545.8*
55°	3522.0	2132.3	903.2	687.5	621.9	613.4	632.5	609.2	566.9	547.9	541.5
57.5°	3213.2	1857.3	786.9	611.3	566.9	588.1	626.1	600.8	554.2	520.4	509.8
60°	2840.9	1542.1	698.1	560.6	526.7	556.3	600.8	571.1	507.7	490.8	488.6
62.5°	2396.7	1248.0	630.4	518.3	492.9	522.5	562.7	511.9	465.4	452.7	448.5
65°	1872.1	992.1	577.5	486.5	459.0	482.3	509.8	478.1	448.5	437.9	435.8
67.5°	1391.9	778.4	535.2	459.0	425.2	440.0	471.7	463.3	437.9	431.5	429.4
70°	960.4	632.5	497.1	433.6	382.9	399.8	448.5	454.8	429.4	425.2	423.1
72.5°	672.7	535.2	456.9	406.1	349.0	366.0	437.9	437.9	410.4	416.7	412.5
75°	505.6	450.6	410.4	372.3	306.7	332.1	423.1	418.8	391.3	418.8	408.3
77.5°	380.8	363.8	355.4	330.0	268.6	294.0	393.5	385.0	349.0	351.1	332.1
80°	277.1	281.3	304.6	281.3	224.2	243.3	332.1	327.9	283.5	291.9	268.6
82.5°	198.8	209.4	260.2	226.3	162.9	173.5	228.5	247.5	222.1	209.4	213.6
85°	150.2	156.5	209.4	167.1	101.5	114.2	156.5	177.7	173.5	160.8	162.9
87.5°	63.5	71.9	97.3	78.3	59.2	59.2	97.3	124.8	112.1	95.2	99.4
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: SP1-2407-184-11

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

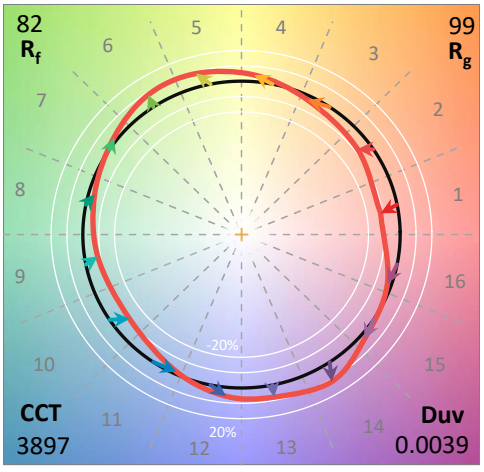
Test Information

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

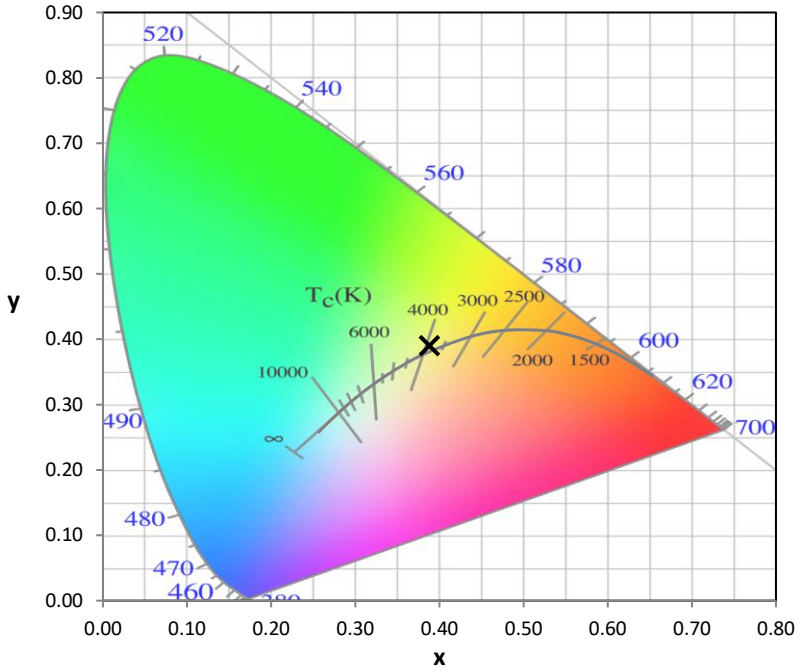
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

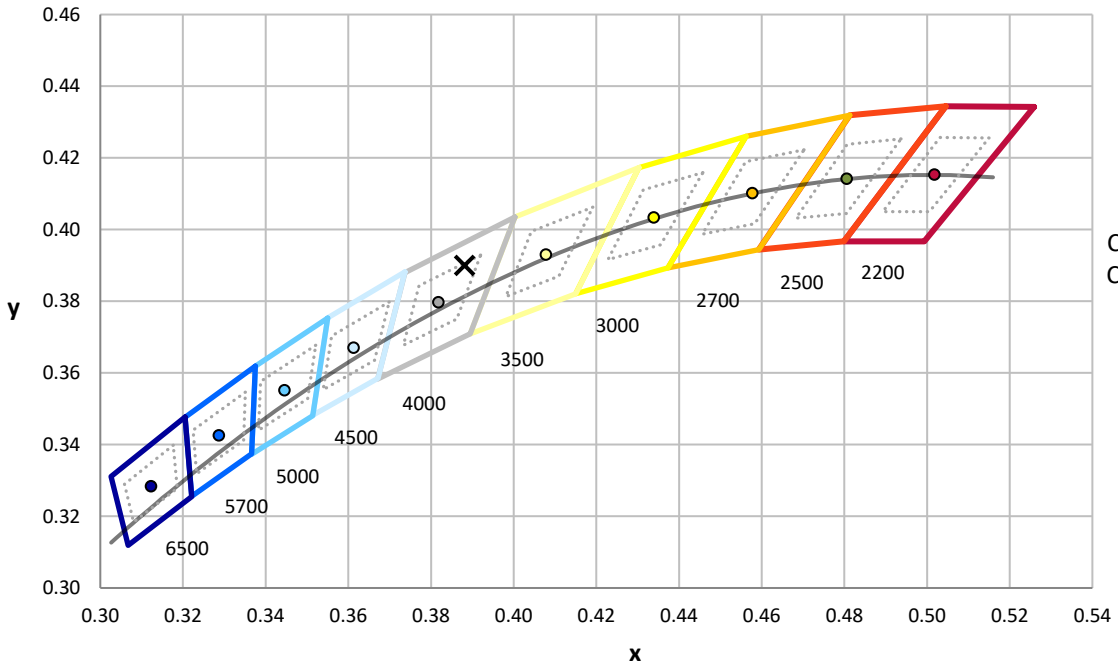
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

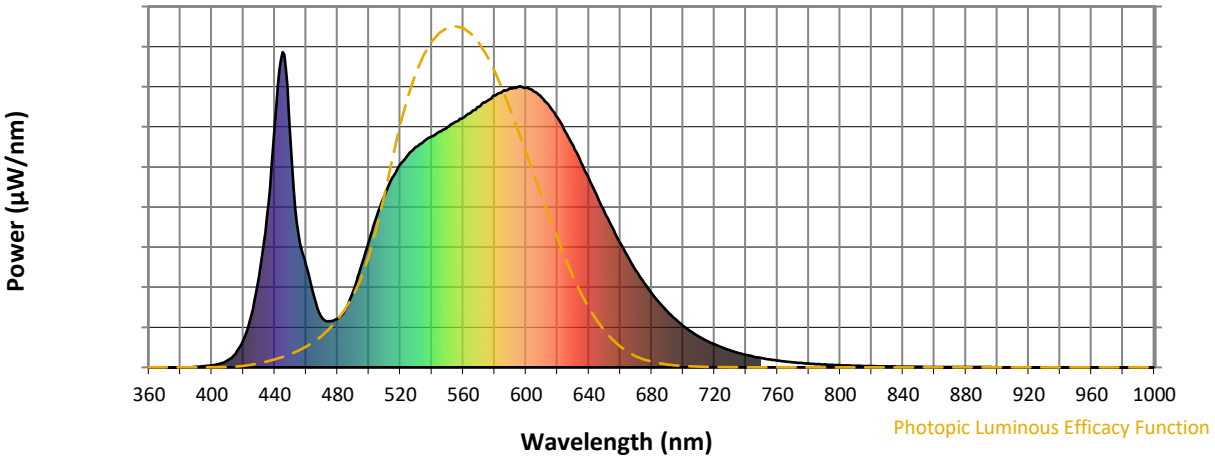


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

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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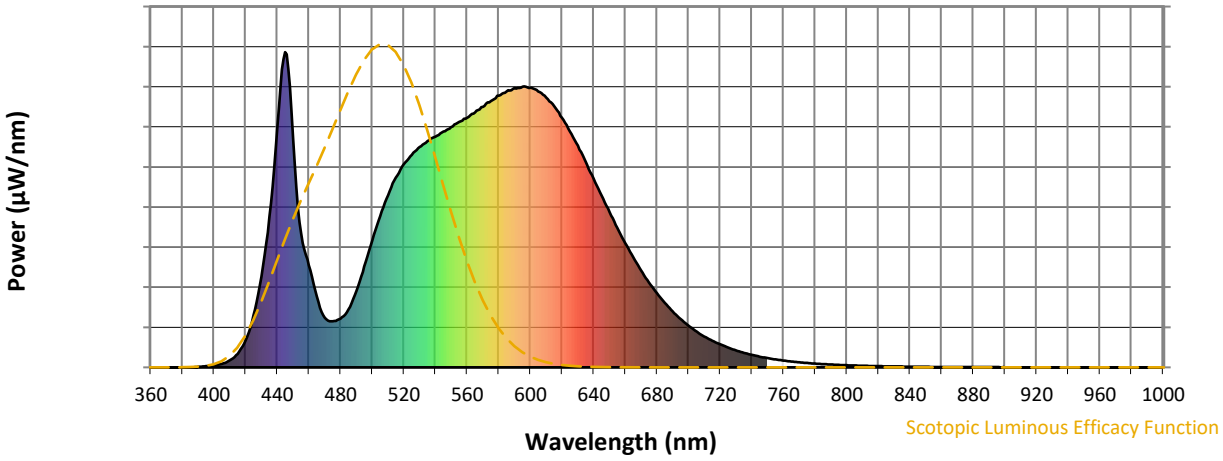
Scotopic Flux vs. Wavelength



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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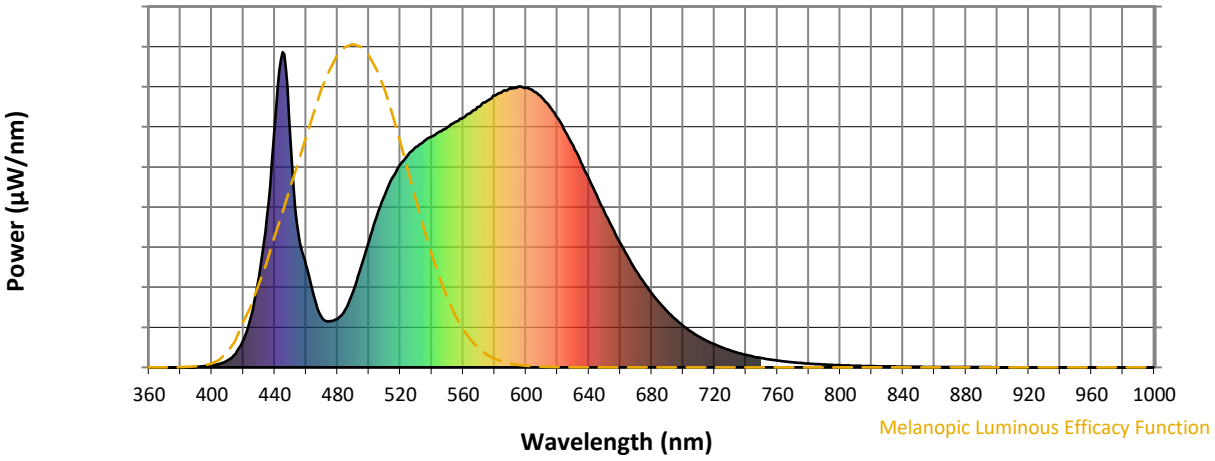
Melanopic Flux vs. Wavelength



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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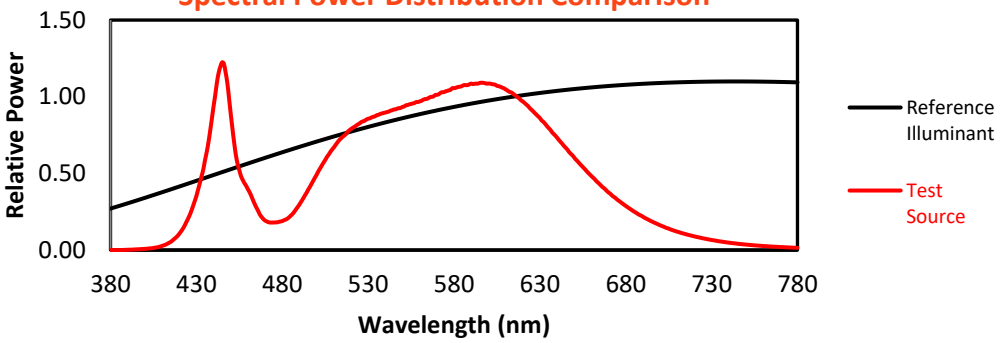
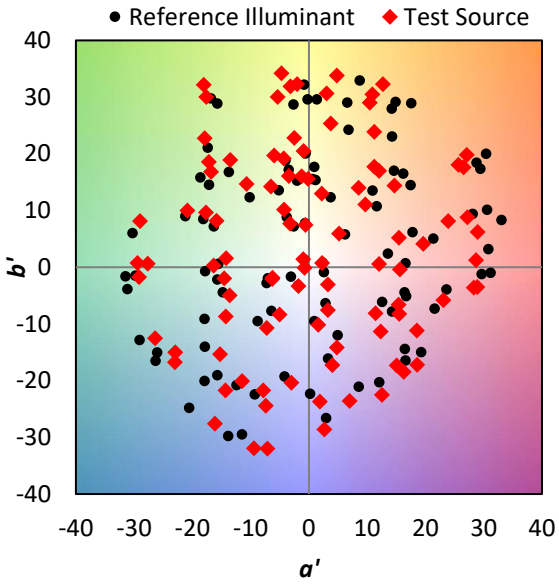
Summary

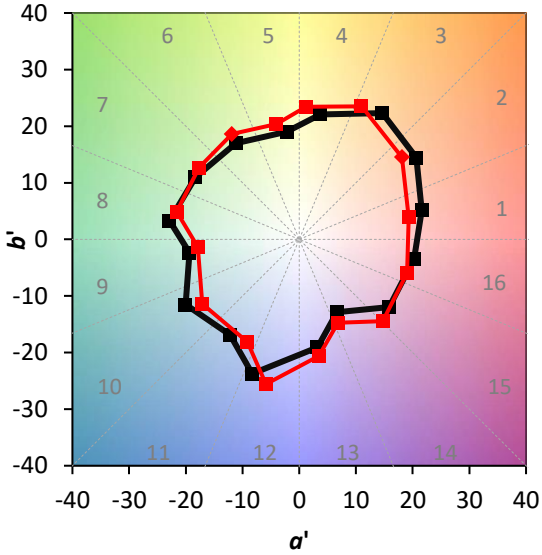
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

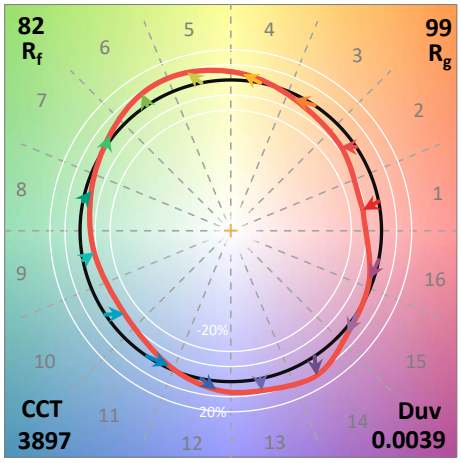
Spectral Power Distribution Comparison

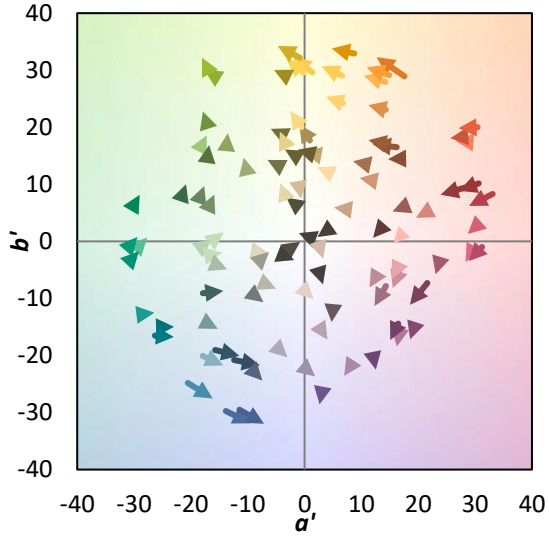


Color Vector Graphics









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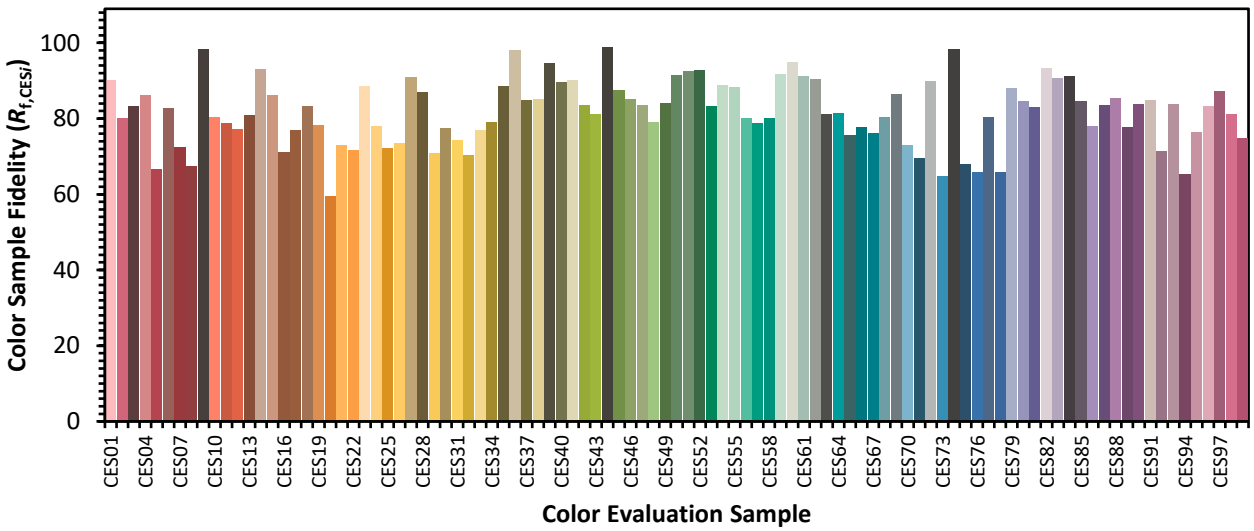
Individual Sample Fidelity Index ($R_{f,i}$)

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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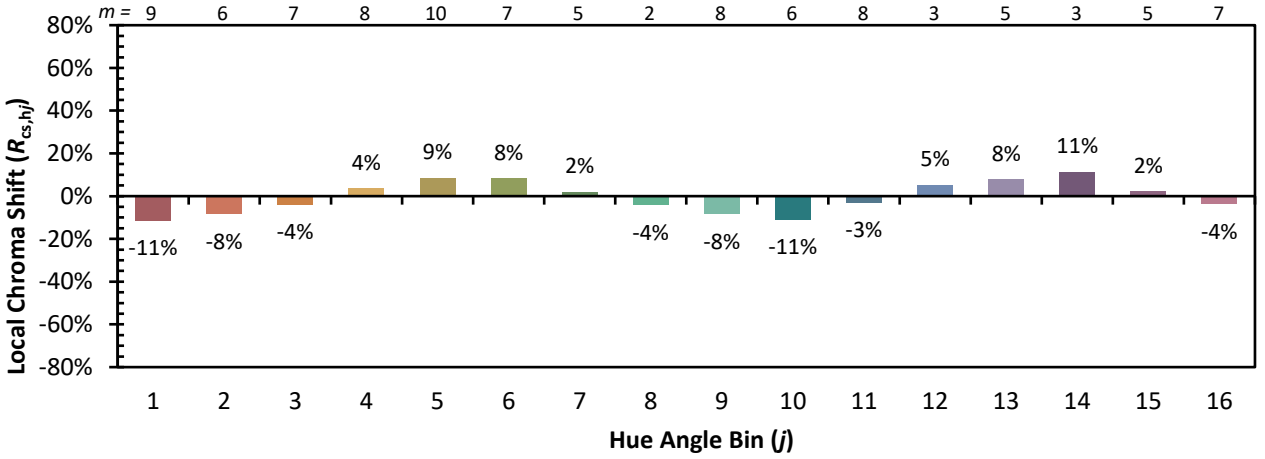
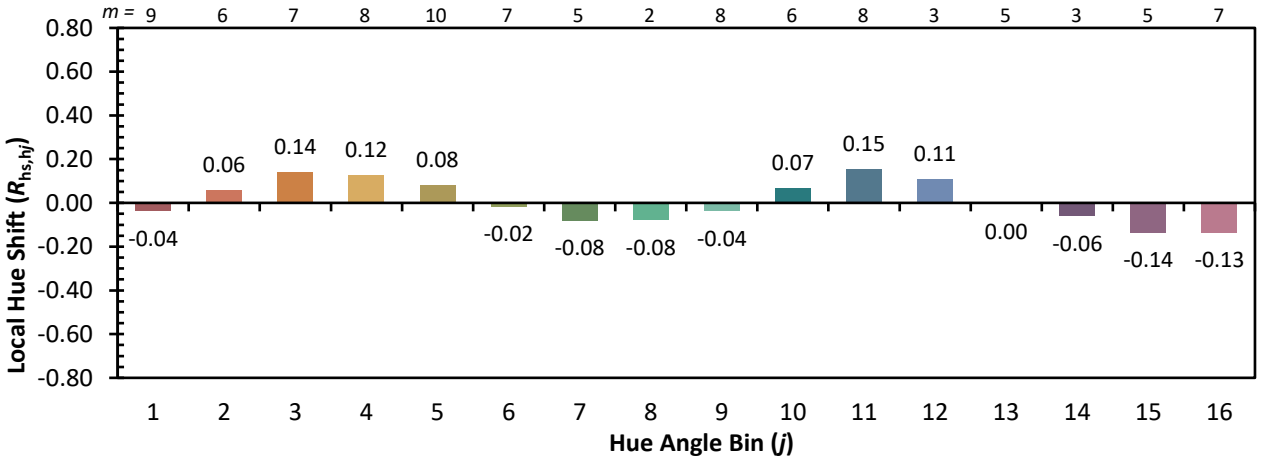
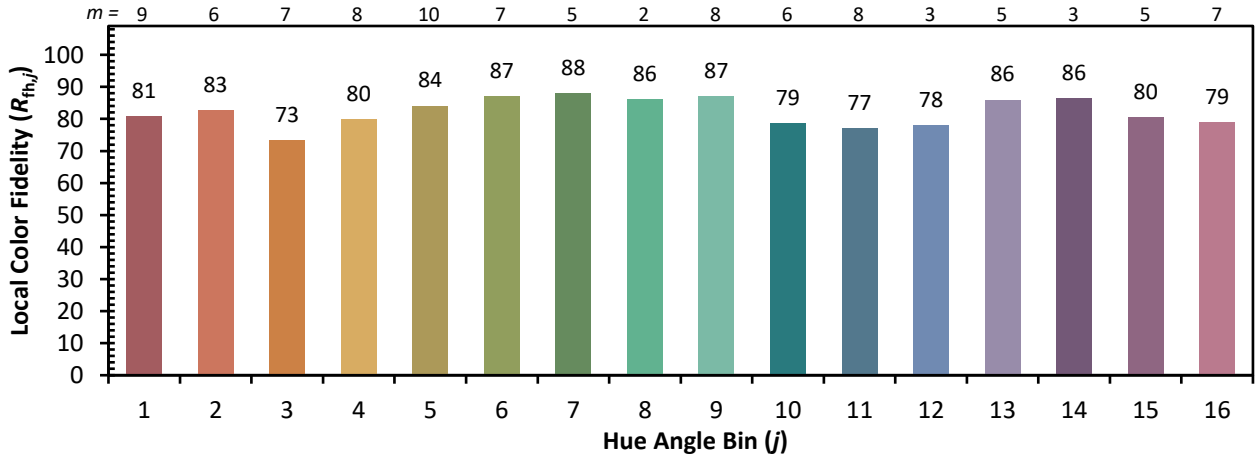
Color Rendition by Hue-Angle Bin







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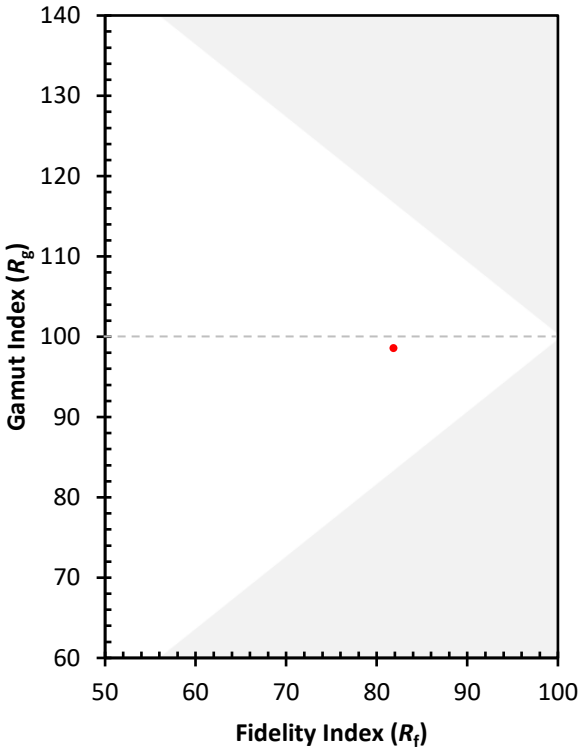
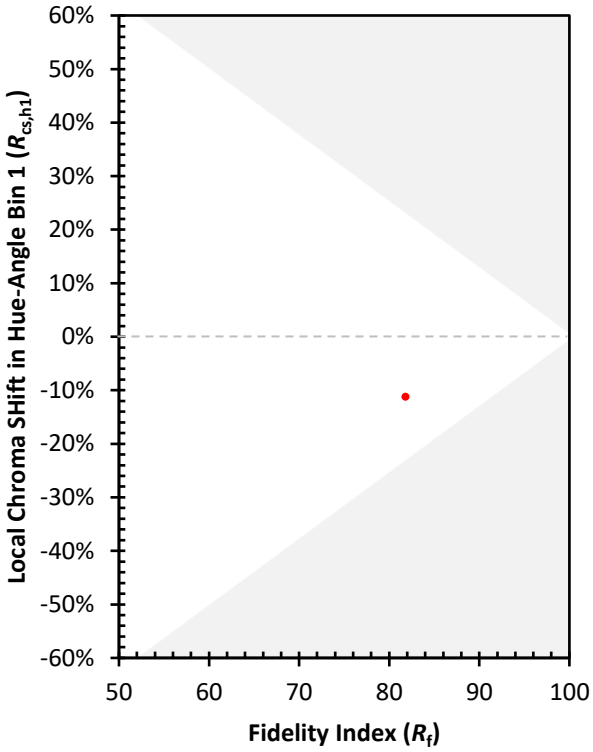
Measure Comparisons





(END OF REPORT)