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: P1457384

Luminaire Tested: GLAN-SB3B-930-U-T4LG

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:	P1457384
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3B-930-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 3xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(78) 3000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11510.4 lumens
Efficiency:	N/A
Efficacy:	105.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	109.2
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: P1457384
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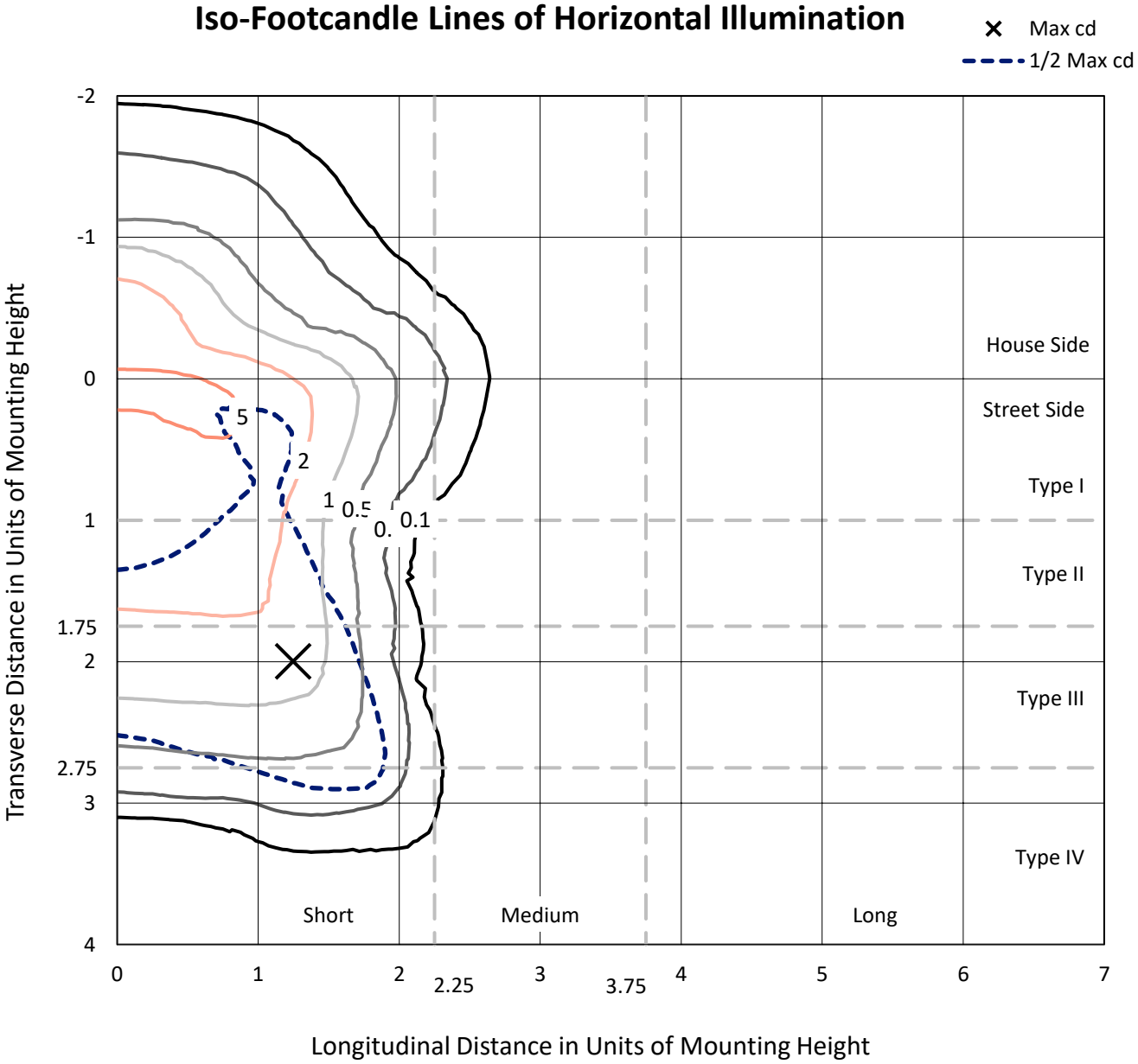
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 7.1 fc
Type IV - Short - N/A

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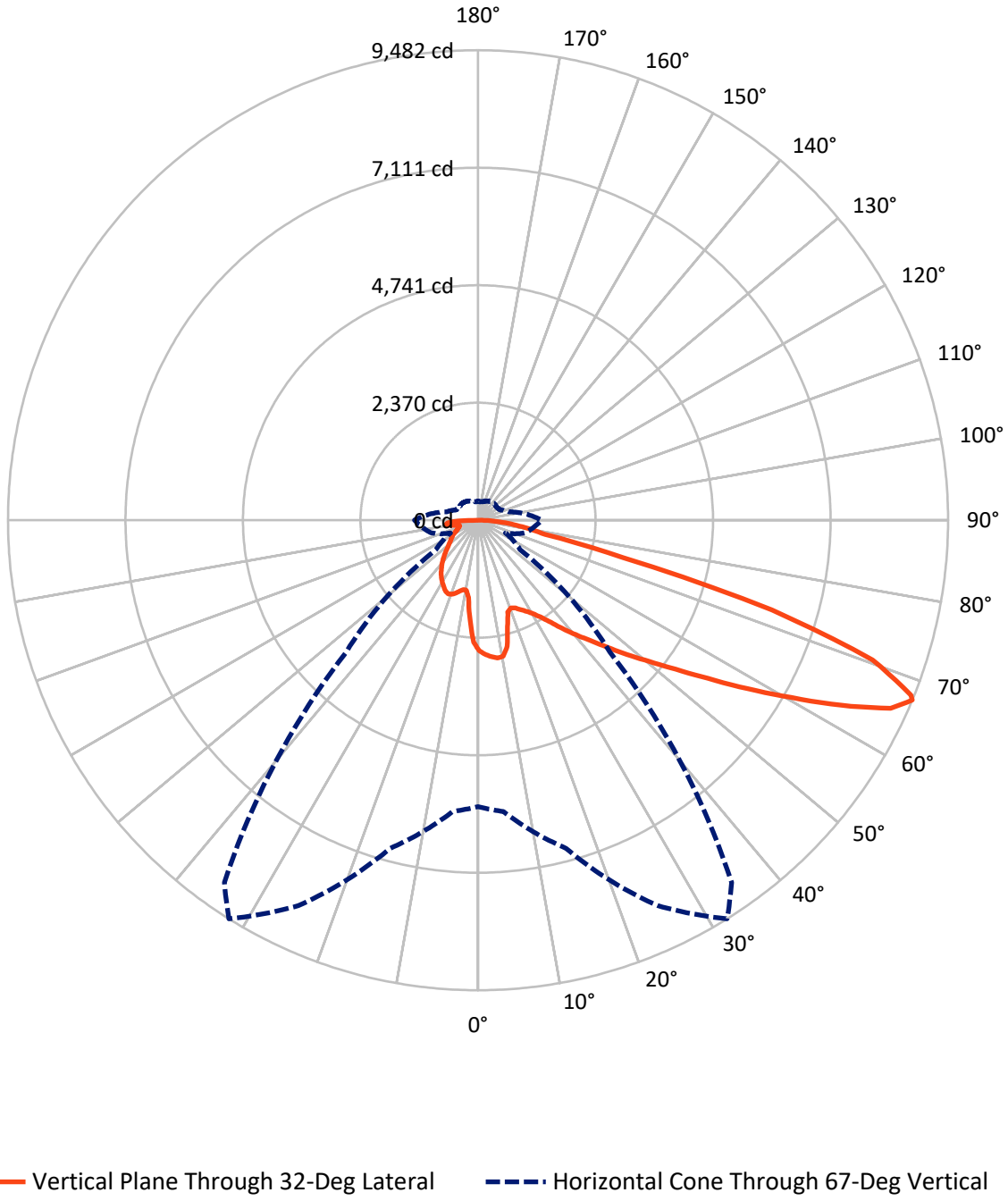
Luminous Intensity Polar Plot



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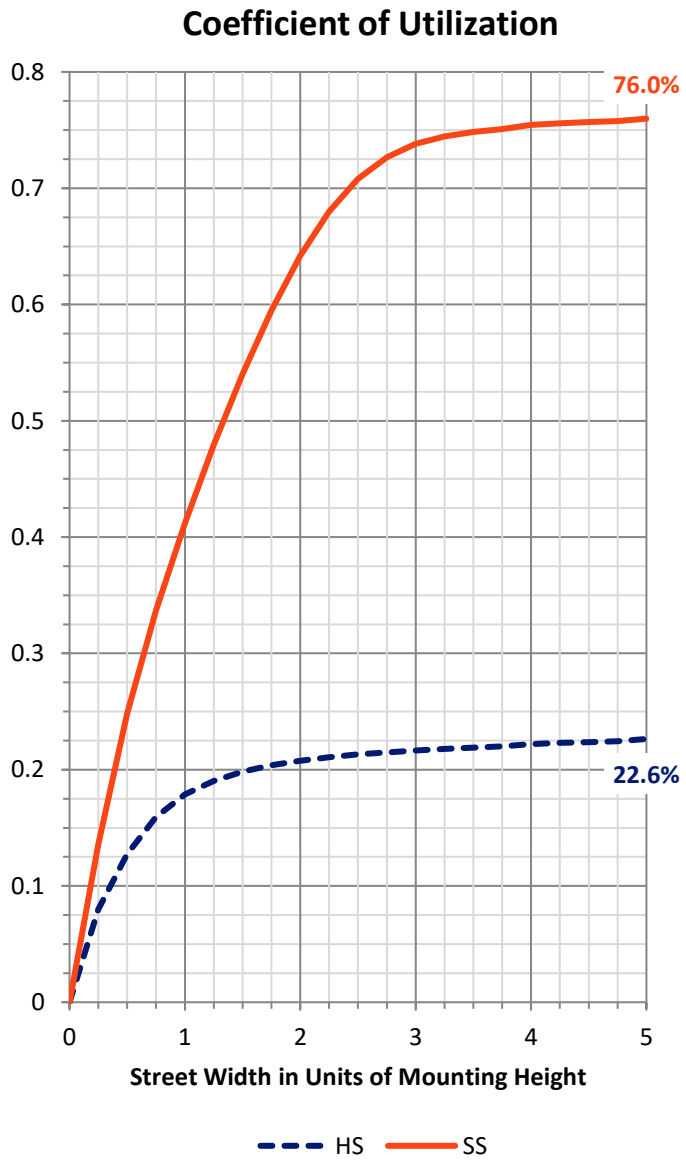
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2725.0	0.0	2725.0
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	8785.3	0.0	8785.3
	% Fixture	76.3	0.0	76.3
Total	Lumens	11510.4	0.0	11510.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	229.8	2.0
10°-20°	610.1	5.3
20°-30°	996.3	8.7
30°-40°	1468.5	12.8
40°-50°	2025.1	17.6
50°-60°	2558.4	22.2
60°-70°	2476.0	21.5
70°-80°	883.7	7.7
80°-90°	262.4	2.3
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°	11510.4	100.0
0°-180°	11510.4	100.0



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REPORT NUMBER: P1457384
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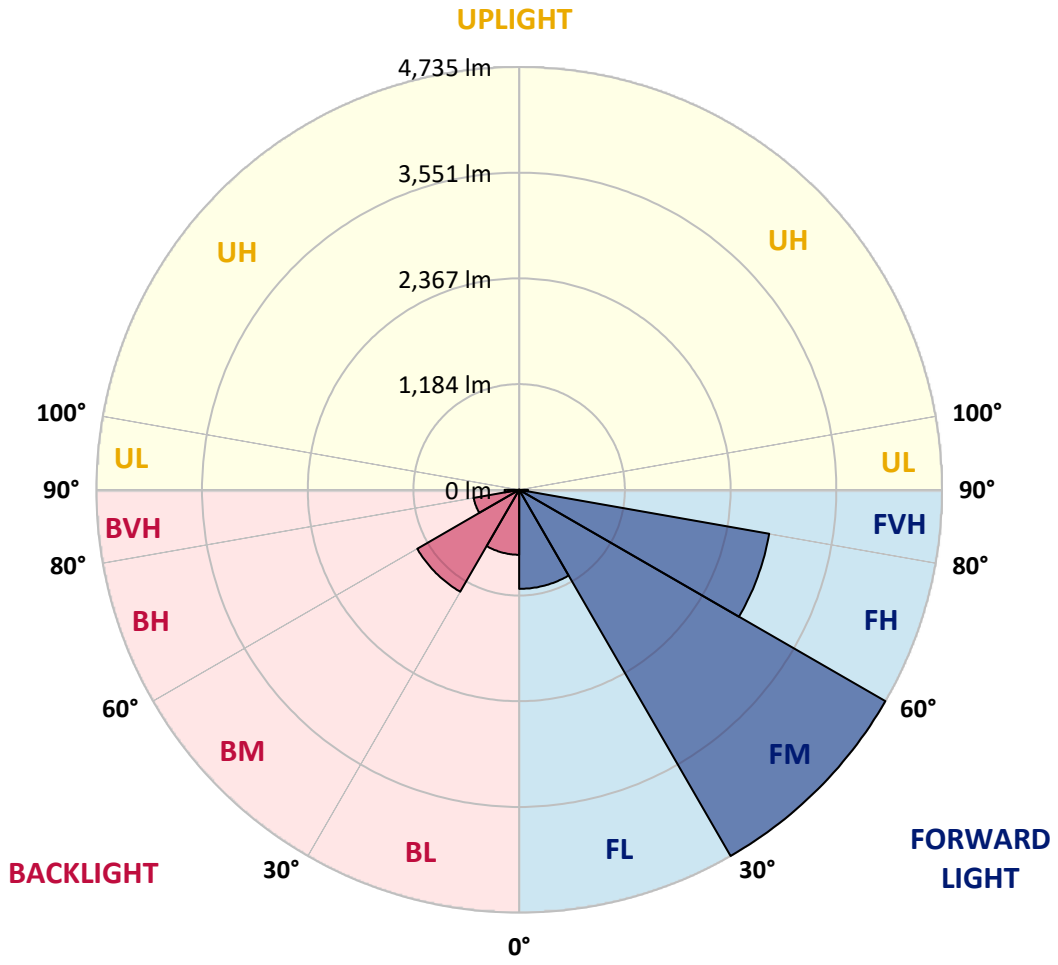
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1109.0	9.6			
FM	(30°-60°)	4734.6	41.1			
FH	(60°-80°)	2842.8	24.7			G2/5000
FVH	(80°-90°)	98.9	0.9			G1/100
BL	(0°-30°)	727.2	6.3	B2/1000		
BM	(30°-60°)	1317.4	11.4	B2/2500		
BH	(60°-80°)	516.9	4.5	B2/1000		G2/1000
BVH	(80°-90°)	163.5	1.4			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 IV Short



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REPORT NUMBER: P1457384
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	2629.9	2629.9	2629.9	2629.9	2629.9	2629.9	2629.9	2629.9	2629.9	2629.9	2629.9
2.5°	2729.6	2721.9	2714.2	2719.3	2709.1	2706.6	2693.8	2688.7	2673.3	2670.8	2642.7
5°	2785.8	2770.5	2767.9	2773.0	2762.8	2762.8	2752.6	2744.9	2721.9	2709.1	2668.2
7.5°	2785.8	2783.2	2788.3	2806.2	2808.8	2808.8	2808.8	2811.3	2788.3	2770.5	2706.6
10°	2627.3	2601.8	2658.0	2747.5	2790.9	2816.5	2862.5	2890.6	2872.7	2859.9	2773.0
12.5°	2154.5	2157.1	2246.5	2438.2	2612.0	2686.1	2877.8	2980.0	2987.7	2967.2	2857.4
15°	1827.4	1840.2	1886.2	2024.2	2223.5	2333.4	2788.3	3059.3	3120.6	3100.1	2959.6
17.5°	1727.7	1735.4	1755.8	1835.0	1947.5	2036.9	2545.5	3110.4	3281.6	3256.1	3074.6
20°	1712.4	1717.5	1743.0	1809.5	1886.2	1937.3	2297.6	3069.5	3432.4	3422.2	3179.4
22.5°	1714.9	1720.0	1753.3	1845.3	1924.5	1967.9	2218.4	2974.9	3590.9	3601.1	3286.7
25°	1720.0	1722.6	1773.7	1896.4	1996.1	2049.7	2269.5	2890.6	3723.8	3810.7	3404.3
27.5°	1748.1	1755.8	1824.8	1962.8	2080.4	2141.7	2389.6	2918.7	3869.4	4048.3	3544.9
30°	1824.8	1829.9	1914.3	2057.4	2185.2	2249.1	2532.8	3031.1	4048.3	4293.7	3682.9
32.5°	1944.9	1950.1	2047.2	2195.4	2333.4	2410.1	2719.3	3245.8	4247.7	4551.8	3820.9
35°	2111.1	2113.6	2223.5	2382.0	2527.7	2614.6	2936.6	3488.6	4454.7	4771.6	3923.1
37.5°	2307.9	2325.8	2438.2	2604.3	2775.6	2854.8	3192.2	3772.3	4638.7	4958.2	3981.9
40°	2578.8	2583.9	2693.8	2854.8	3036.3	3112.9	3447.7	4040.7	4840.6	5068.1	4035.6
42.5°	2857.4	2900.8	2992.8	3171.7	3307.2	3368.5	3739.1	4286.0	5001.6	5073.2	4012.6
45°	3230.5	3263.7	3355.7	3514.2	3649.6	3721.2	4053.5	4510.9	5083.4	5029.8	3961.4
47.5°	3657.3	3677.8	3751.9	3895.0	4045.8	4096.9	4380.6	4638.7	5114.1	4999.1	3938.4
50°	4160.8	4160.8	4214.5	4337.1	4475.2	4546.7	4682.2	4715.4	5203.5	4945.4	3997.2
52.5°	4585.1	4605.5	4677.1	4850.9	4988.9	5070.6	4917.3	4833.0	5022.1	4646.4	4015.1
55°	4991.4	5014.4	5175.4	5392.7	5627.8	5717.3	5211.2	4774.2	4411.3	4209.4	3892.4
57.5°	5379.9	5428.5	5630.4	6054.6	6409.9	6402.2	5584.4	4247.7	3601.1	3726.3	3624.1
60°	5921.7	5972.8	6294.9	6829.0	7263.5	7082.0	5589.5	3534.6	2806.2	2974.9	3120.6
62.5°	6374.1	6461.0	6933.8	7823.2	8221.9	7938.2	5126.9	2706.6	1863.2	2075.3	2412.6
65°	6333.2	6448.2	7181.7	8554.2	9149.7	8886.4	4449.6	1712.4	961.0	1418.5	1689.4
67°	5776.0	5901.3	6852.0	8579.7	9481.9	8919.6	3757.0	1035.1	610.8	984.0	1173.1
67.5°	5456.6	5640.6	6688.5	8531.2	9420.6	8779.1	3445.2	866.4	575.0	915.0	1068.3
70°	3355.7	3652.2	5019.5	7542.1	8444.3	7347.8	1914.3	490.7	467.7	613.4	738.6
72.5°	1009.5	1099.0	1937.3	4838.1	6197.7	5446.3	861.3	378.3	419.1	493.3	569.9
75°	490.7	523.9	800.0	1978.2	3018.4	3003.0	480.5	324.6	388.5	414.0	449.8
77.5°	314.4	334.8	498.4	1106.6	1382.7	1231.9	347.6	283.7	345.0	339.9	334.8
80°	196.8	207.0	319.5	641.5	1019.8	851.1	255.6	232.6	296.5	263.2	237.7
82.5°	127.8	140.6	204.5	391.0	728.4	633.8	168.7	166.1	245.4	209.6	184.0
85°	84.3	94.6	130.3	230.0	431.9	452.4	109.9	115.0	189.1	158.5	140.6
87.5°	30.7	38.3	66.5	102.2	201.9	250.5	46.0	43.4	92.0	74.1	58.8
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: P1457384
CATALOG NUMBER: GLAN-SB3B-930-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2629.9	2629.9	2629.9	2629.9	2629.9	2629.9	2629.9	2629.9	2629.9	2629.9	2629.9
2.5°	2637.6	2629.9	2594.1	2563.4	2540.4	2509.8	2476.5	2438.2	2412.6	2417.8	2410.1
5°	2650.3	2629.9	2560.9	2456.1	2353.9	2226.1	2062.5	1965.4	1891.3	1852.9	1863.2
7.5°	2678.4	2642.7	2497.0	2284.9	2019.1	1758.4	1597.4	1505.3	1461.9	1444.0	1441.5
10°	2727.0	2665.7	2415.2	2019.1	1671.5	1495.1	1436.3	1410.8	1405.7	1405.7	1403.1
12.5°	2785.8	2688.7	2277.2	1760.9	1505.3	1441.5	1431.2	1433.8	1441.5	1449.1	1436.3
15°	2857.4	2698.9	2106.0	1605.0	1472.1	1456.8	1472.1	1490.0	1502.8	1513.0	1500.2
17.5°	2928.9	2688.7	1944.9	1530.9	1477.2	1497.7	1528.4	1556.5	1564.1	1579.5	1569.2
20°	2980.0	2652.9	1806.9	1502.8	1490.0	1536.0	1574.4	1605.0	1620.4	1630.6	1620.4
22.5°	3018.4	2606.9	1707.3	1474.7	1490.0	1546.2	1592.2	1628.0	1645.9	1656.1	1643.4
25°	3051.6	2543.0	1630.6	1433.8	1459.3	1513.0	1564.1	1599.9	1625.5	1640.8	1633.1
27.5°	3092.5	2491.9	1559.0	1372.4	1395.5	1446.6	1500.2	1543.7	1592.2	1617.8	1612.7
30°	3138.5	2466.3	1490.0	1306.0	1321.3	1372.4	1436.3	1495.1	1561.6	1594.8	1594.8
32.5°	3192.2	2448.4	1426.1	1242.1	1254.9	1311.1	1372.4	1426.1	1497.7	1551.4	1548.8
35°	3215.2	2428.0	1375.0	1183.3	1208.9	1254.9	1303.4	1339.2	1413.3	1477.2	1482.3
37.5°	3238.2	2420.3	1349.4	1137.3	1157.8	1193.5	1219.1	1237.0	1306.0	1372.4	1375.0
40°	3266.3	2456.1	1367.3	1106.6	1088.8	1124.5	1137.3	1147.5	1183.3	1226.8	1226.8
42.5°	3248.4	2481.7	1408.2	1078.5	1004.4	1045.3	1050.4	1047.9	1050.4	1053.0	1050.4
45°	3202.4	2456.1	1408.2	1035.1	915.0	958.4	955.9	943.1	922.6	869.0	861.3
47.5°	3192.2	2440.8	1354.6	963.5	825.5	861.3	866.4	840.8	782.1	725.8	707.9
50°	3235.6	2468.9	1270.2	876.6	748.8	779.5	792.3	748.8	682.4	623.6	613.4
52.5°	3299.5	2504.7	1147.5	782.1	684.9	715.6	731.0	682.4	613.4	567.4	562.3
55°	3291.8	2504.7	1009.5	695.2	636.4	659.4	684.9	633.8	580.2	554.6	552.0
57.5°	3125.7	2410.1	907.3	633.8	590.4	610.8	644.1	595.5	544.4	549.5	557.2
60°	2801.1	2164.7	830.6	592.9	549.5	569.9	605.7	549.5	483.0	465.2	465.2
62.5°	2307.9	1783.9	769.3	552.0	511.2	536.7	554.6	480.5	437.0	416.6	416.6
65°	1730.3	1380.1	705.4	518.8	477.9	506.0	485.6	449.8	406.4	391.0	393.6
67°	*1283.0*	*1070.9*	*651.7*	*490.7*	*457.5*	*470.3*	*454.9*	*429.4*	*385.9*	*373.1*	*385.9*
67.5°	1152.7	1017.2	638.9	483.0	452.4	462.6	447.3	426.8	380.8	368.0	380.8
70°	792.3	782.1	569.9	447.3	424.3	414.0	421.7	396.1	357.8	352.7	365.5
72.5°	603.2	623.6	511.2	416.6	393.6	380.8	398.7	373.1	334.8	342.5	355.3
75°	472.8	503.5	457.5	373.1	357.8	360.4	396.1	385.9	355.3	362.9	365.5
77.5°	350.1	406.4	391.0	324.6	311.8	347.6	447.3	477.9	424.3	411.5	393.6
80°	255.6	291.4	329.7	268.4	260.7	334.8	552.0	610.8	523.9	472.8	460.0
82.5°	189.1	204.5	270.9	214.7	189.1	299.0	613.4	718.2	623.6	526.5	511.2
85°	135.5	158.5	214.7	158.5	125.2	245.4	600.6	702.8	618.5	498.4	485.6
87.5°	48.6	69.0	92.0	71.6	63.9	168.7	495.8	506.0	385.9	176.3	178.9
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: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

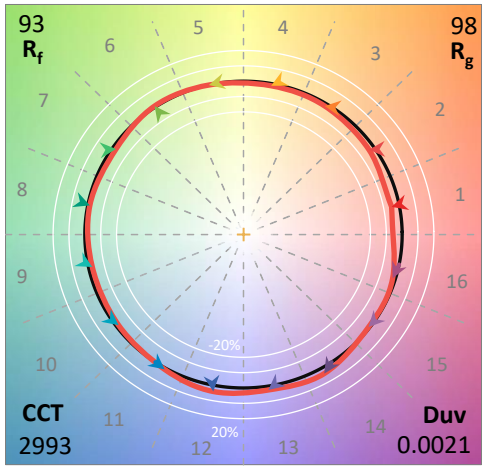
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-14
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-930-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2993
CIE u':	0.2501
CIE v':	0.5245
Duv:	0.0021
CIE x:	0.4406
CIE y:	0.4107
CIE z:	0.1487
Peak Wavelength (nm):	621
Dominant Wavelength (nm):	582
Purity:	55.53327
Rf:	92.6
Rg:	98.5

CRI (Ra):	92.4
R1:	92.2
R2:	95.2
R3:	97.0
R4:	93.1
R5:	91.7
R6:	94.2
R7:	93.3
R8:	82.3
R9:	58.2
R10:	87.7
R11:	93.5
R12:	81.7
R13:	92.9
R14:	97.6
R15:	88.1



Test Conditions

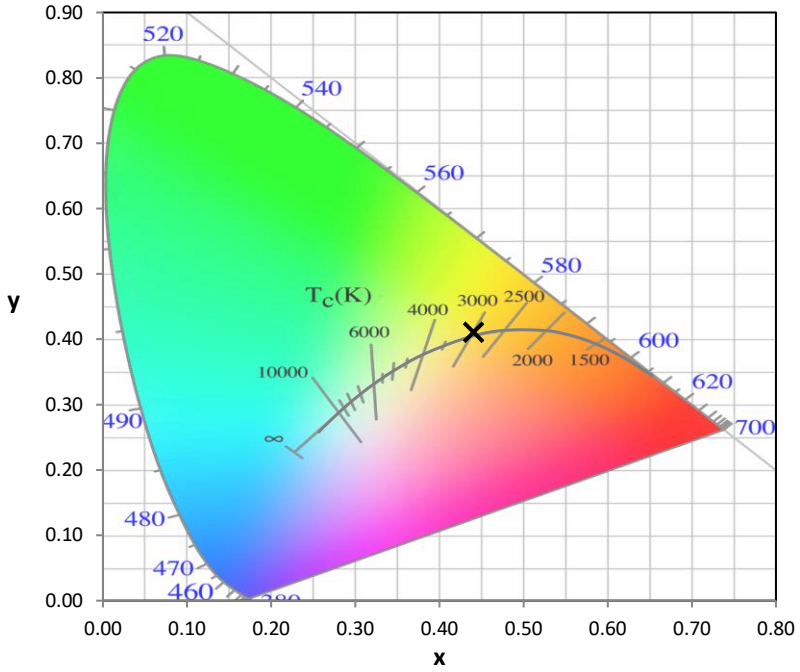
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

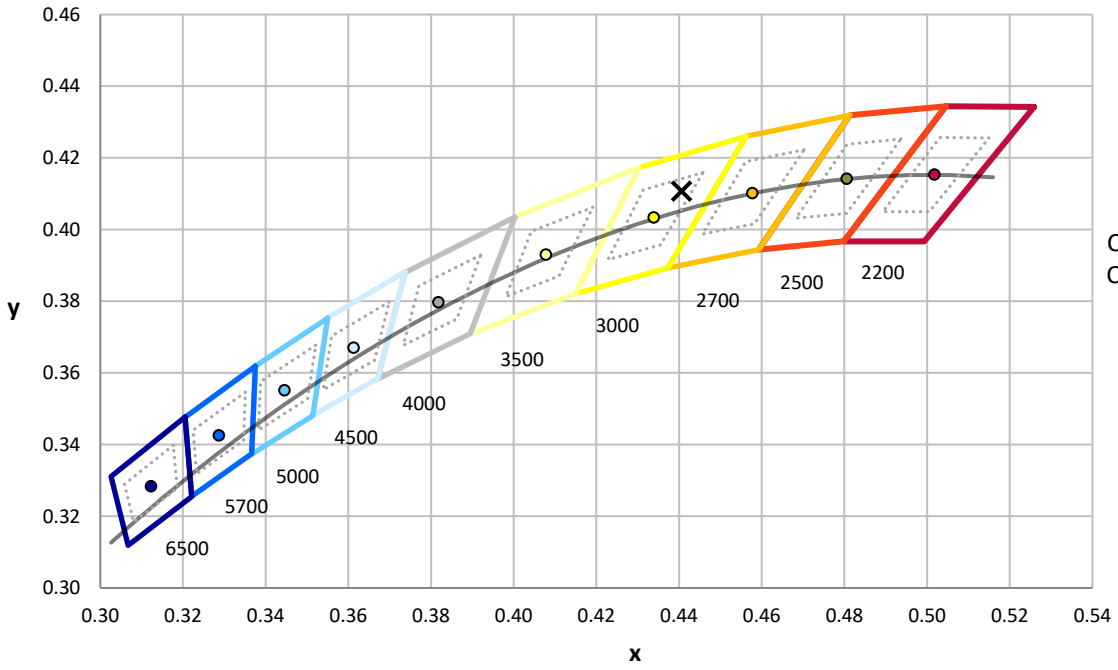
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram



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

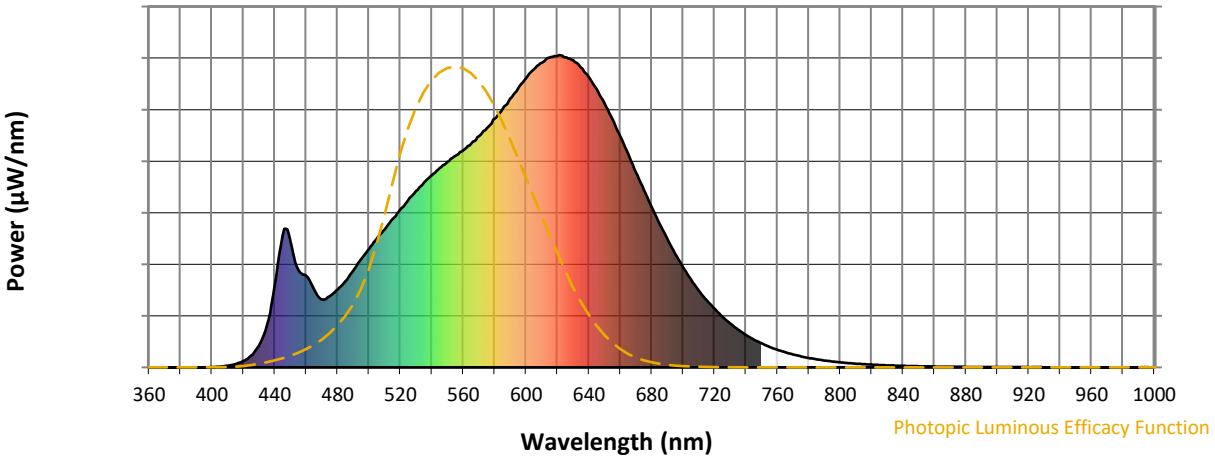


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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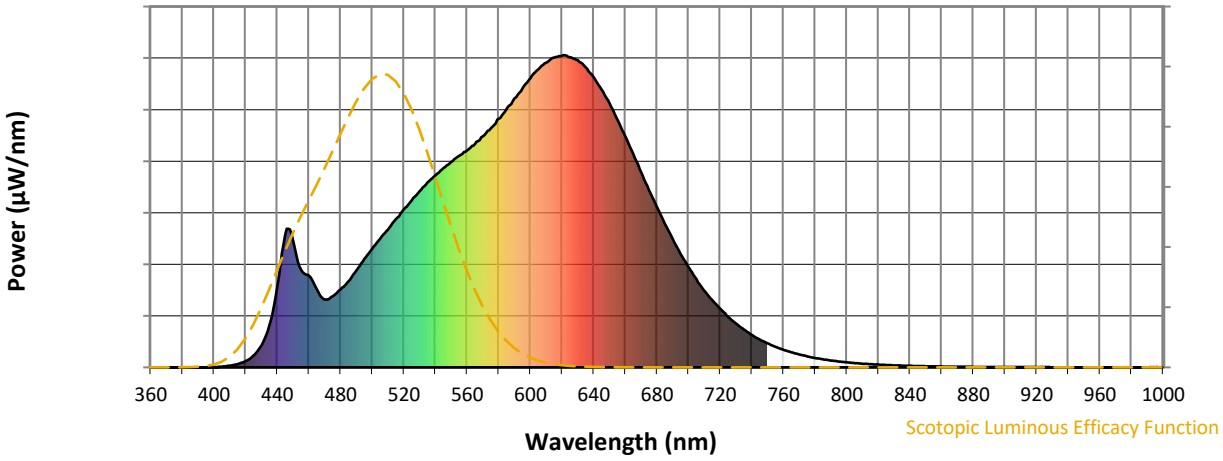
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.39**

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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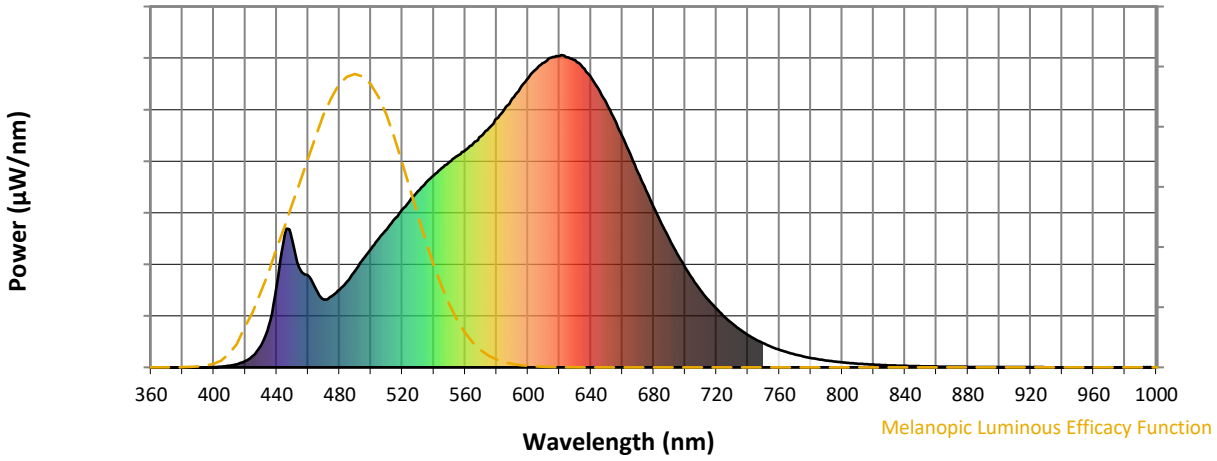
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.69**

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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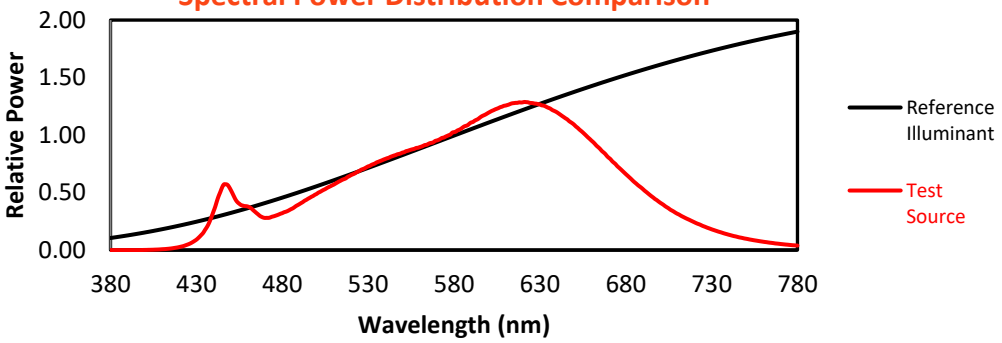
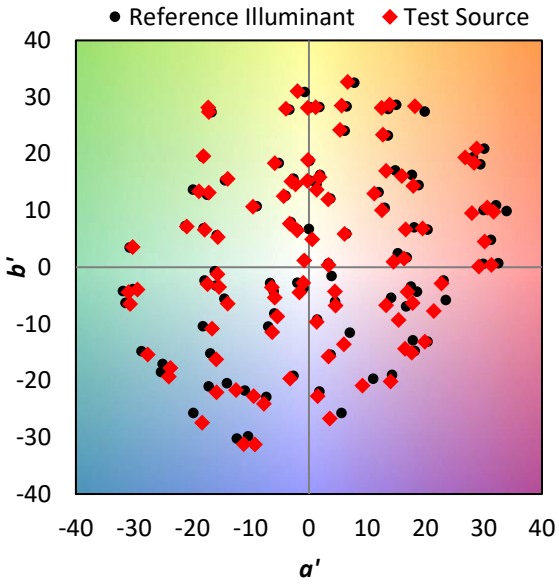
Summary

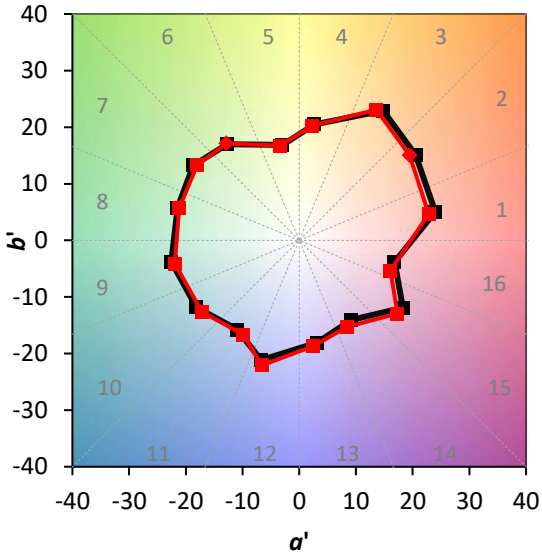
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

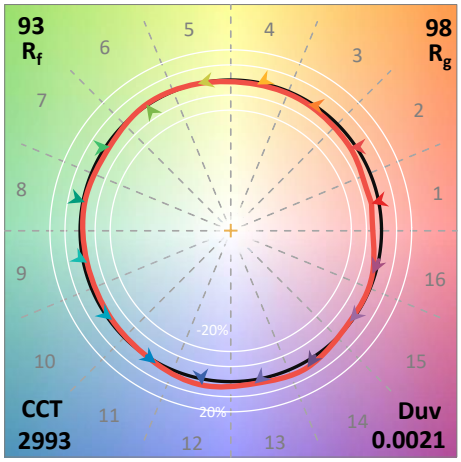
Spectral Power Distribution Comparison

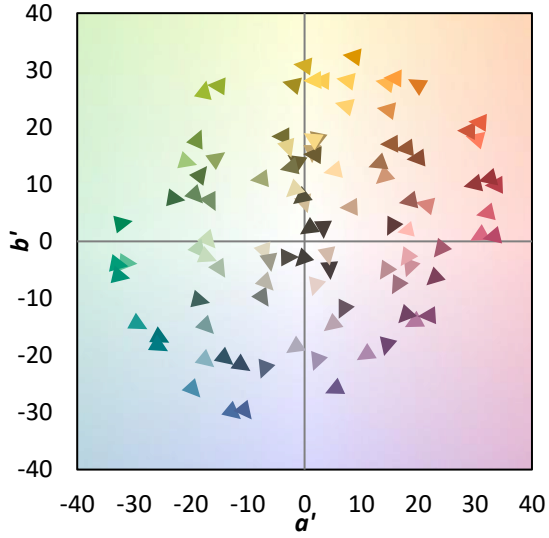


Color Vector Graphics









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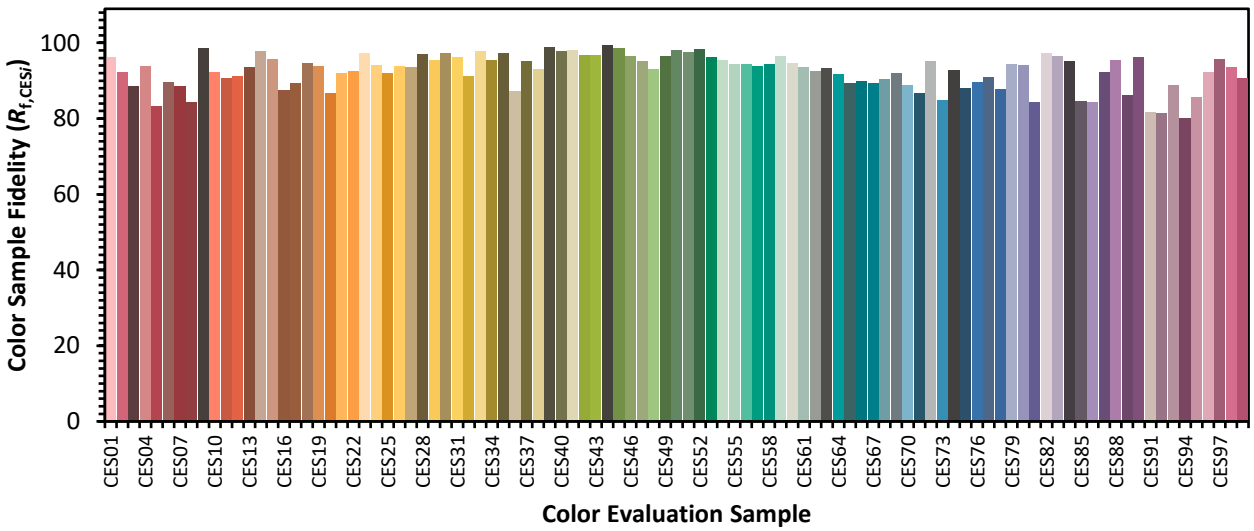
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



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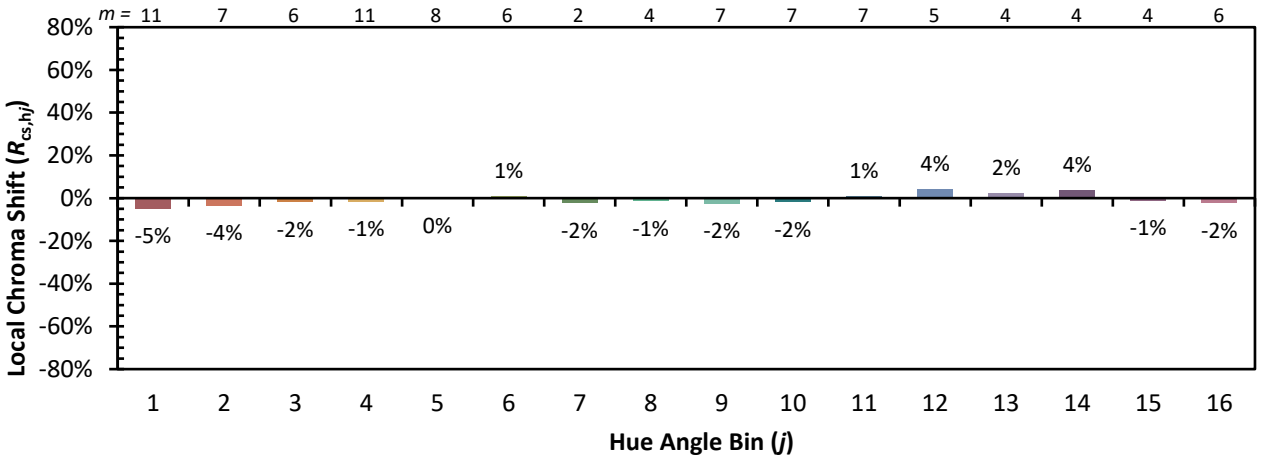
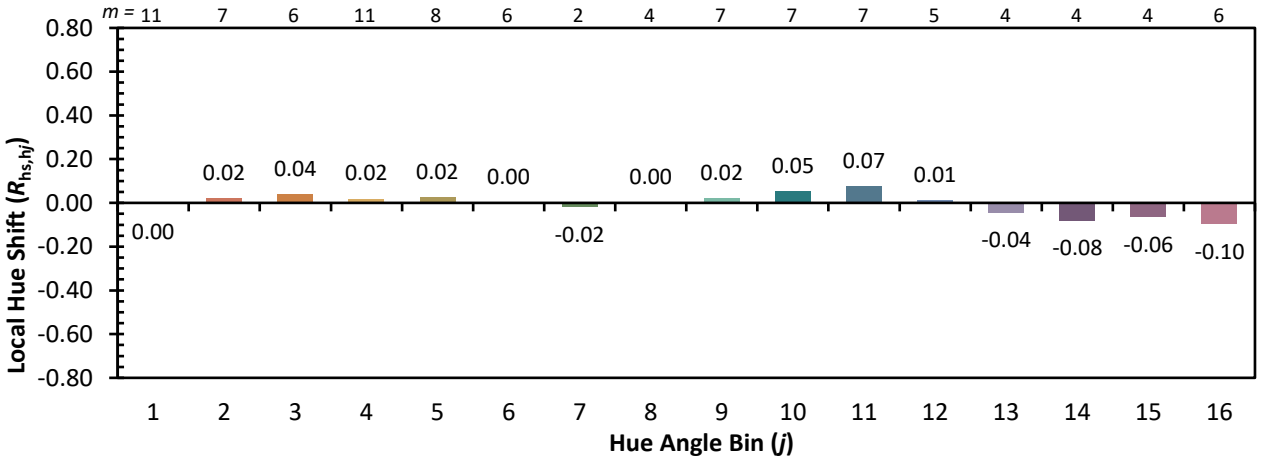
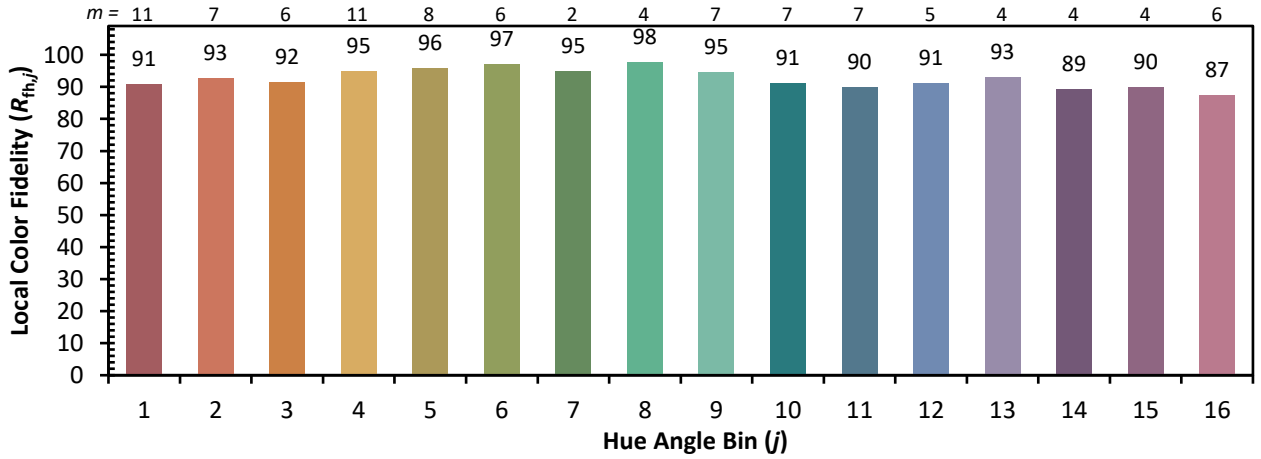
Color Rendition by Hue-Angle Bin







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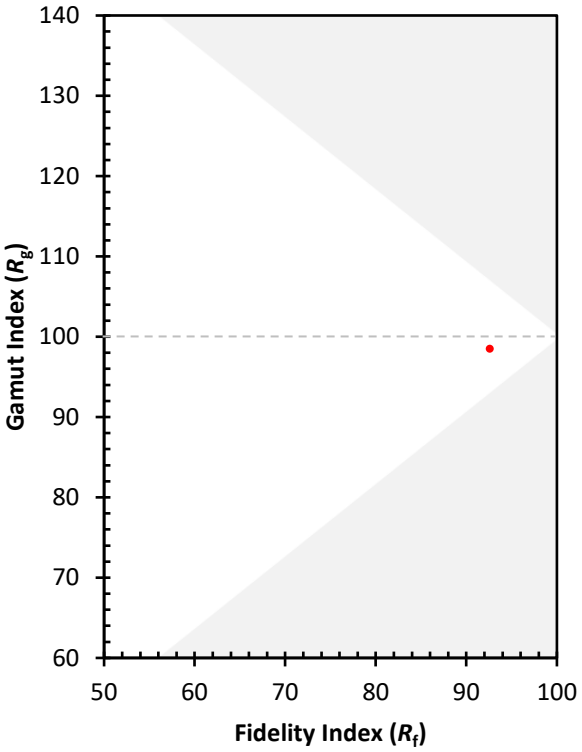
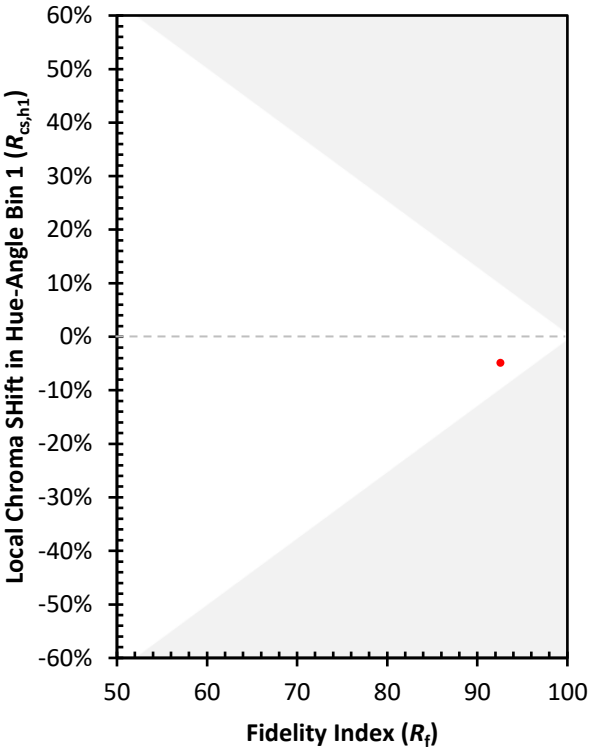
Measure Comparisons





(END OF REPORT)