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: P1456235

Luminaire Tested: GLAN-SB4A-930-U-T2LG

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:	P1456235
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4A-930-U-T2LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE II LOW GLARE
Light Source:	(104) 3000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12107.5 lumens
Efficiency:	N/A
Efficacy:	106.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - 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: P1456235
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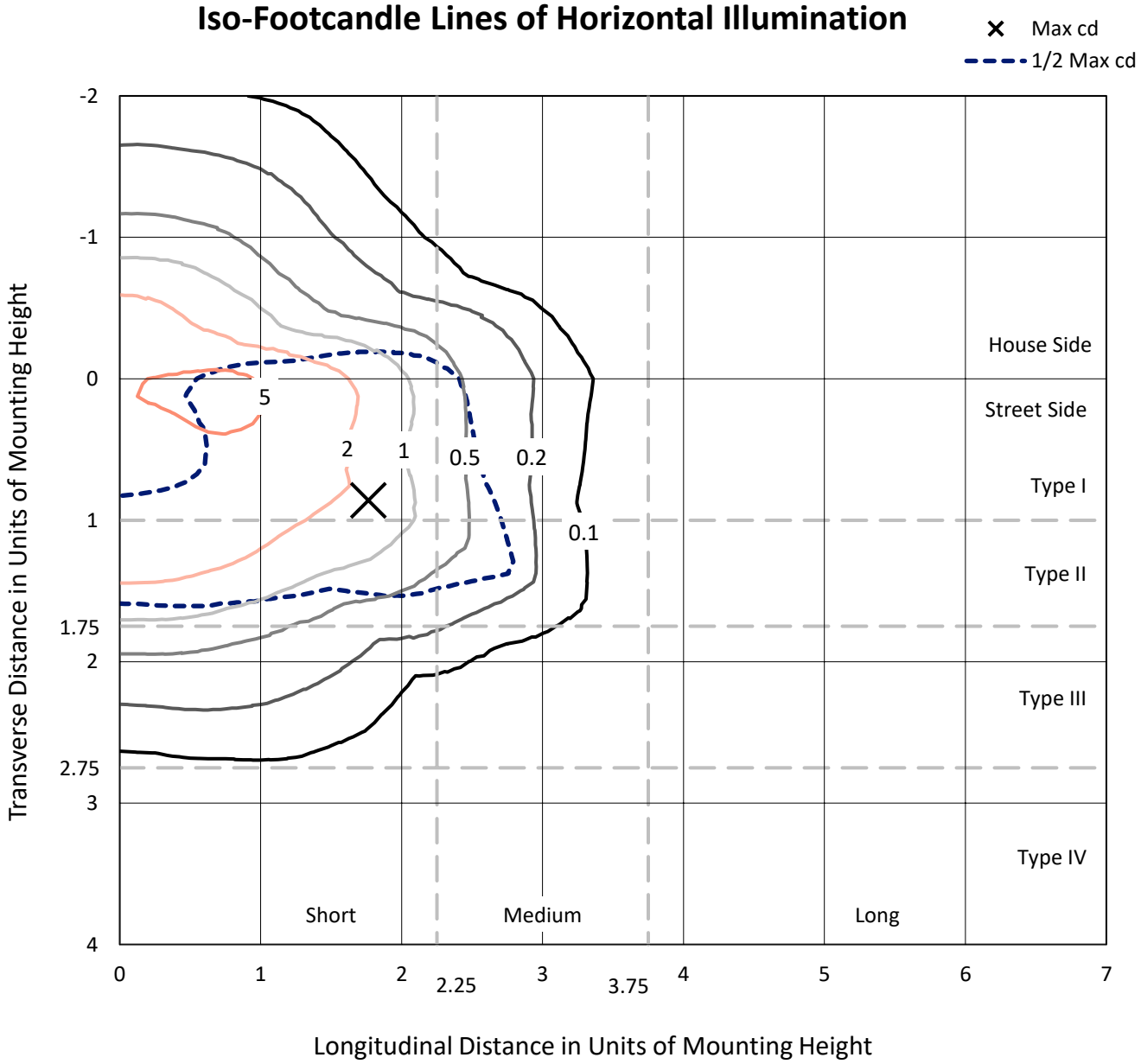
Iso-Footcandle Lines of Horizontal Illumination



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

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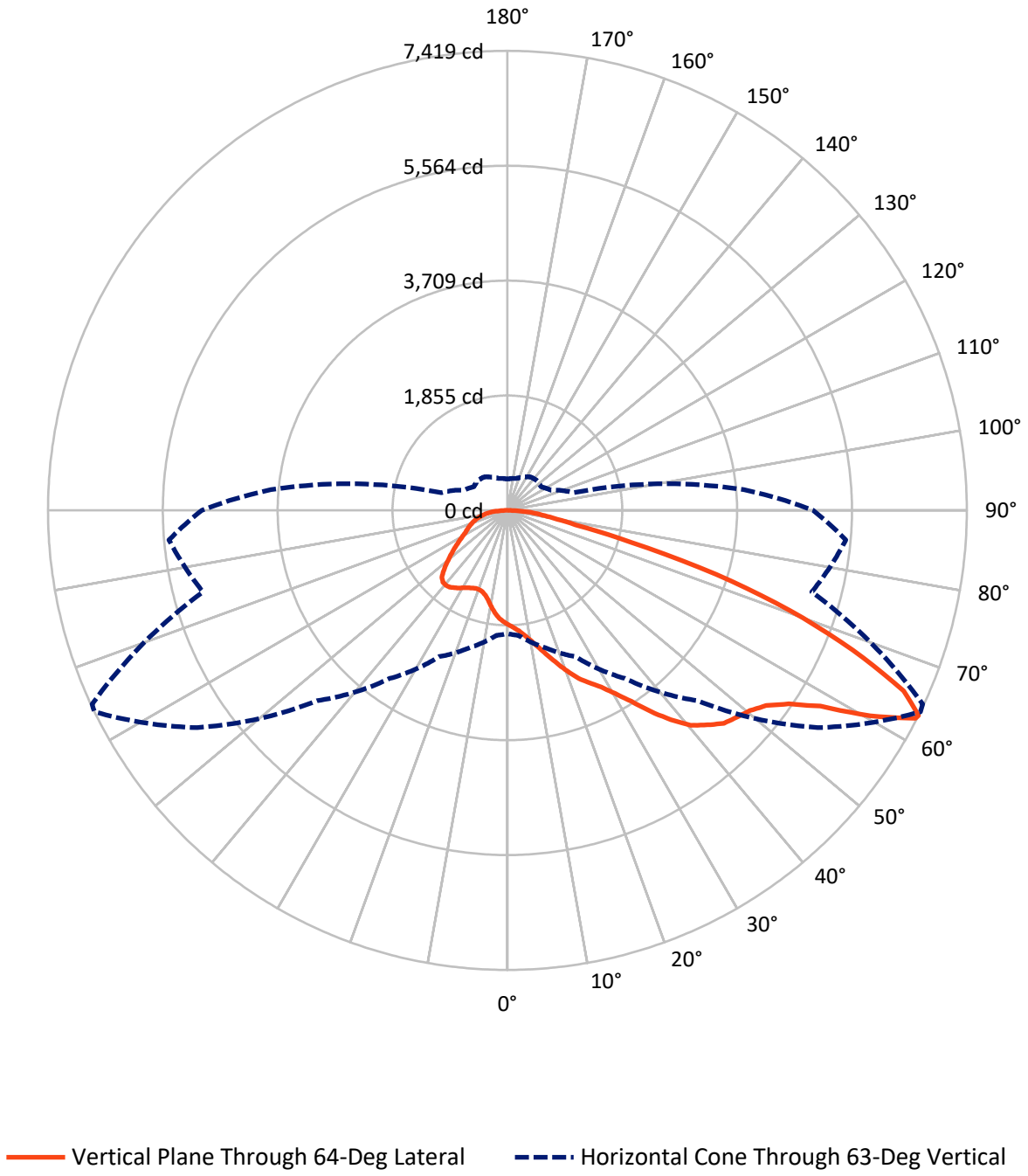
Luminous Intensity Polar Plot



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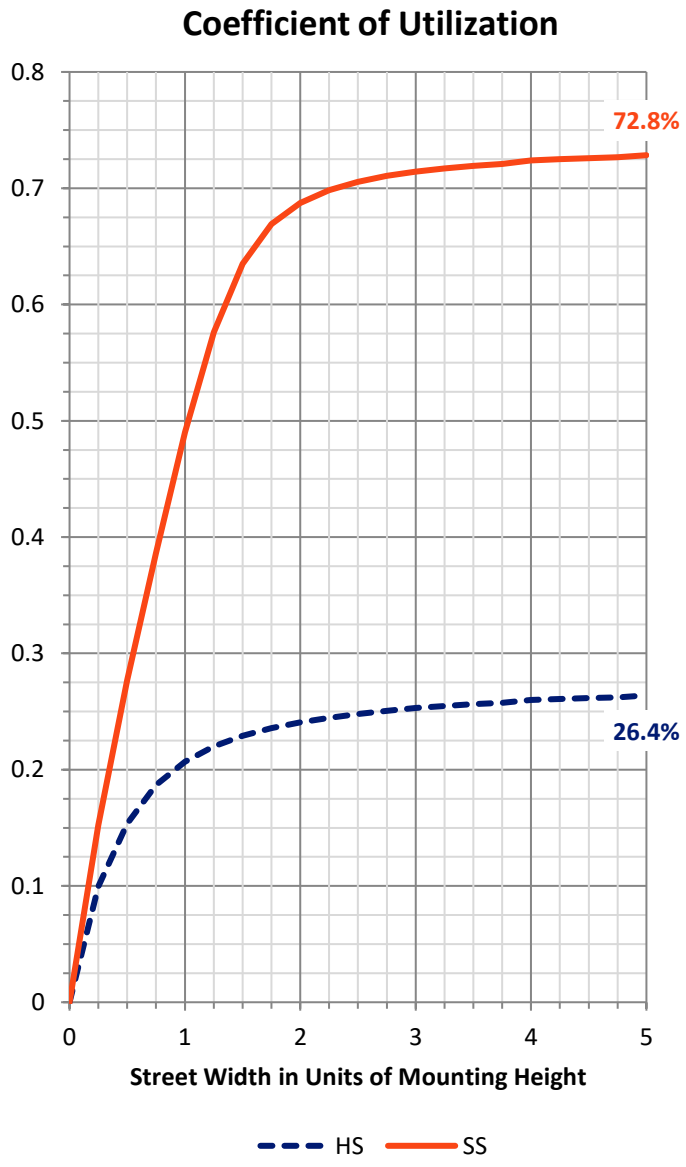
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3252.9	0.0	3252.9
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	8854.6	0.0	8854.6
	% Fixture	73.1	0.0	73.1
Total	Lumens	12107.5	0.0	12107.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	169.3	1.4
10°-20°	521.2	4.3
20°-30°	953.0	7.9
30°-40°	1639.4	13.5
40°-50°	2417.6	20.0
50°-60°	2897.7	23.9
60°-70°	2325.7	19.2
70°-80°	934.5	7.7
80°-90°	249.2	2.1
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°	12107.5	100.0
0°-180°	12107.5	100.0



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REPORT NUMBER: P1456235
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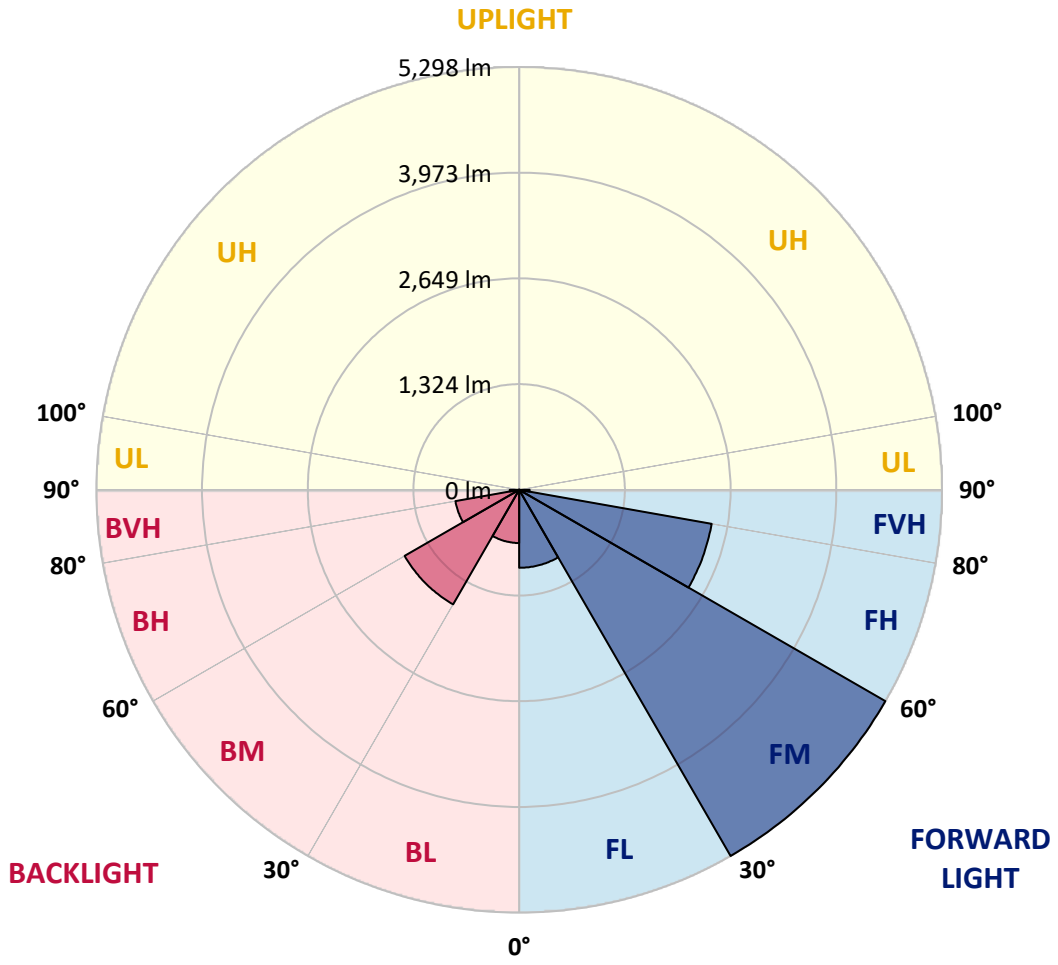
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	976.8	8.1			
FM	(30°-60°)	5297.7	43.8			
FH	(60°-80°)	2449.1	20.2			G2/5000
FVH	(80°-90°)	130.9	1.1			G2/225
BL	(0°-30°)	666.6	5.5	B2/1000		
BM	(30°-60°)	1657.0	13.7	B2/2500		
BH	(60°-80°)	811.1	6.7	B2/1000		G2/1000
BVH	(80°-90°)	118.3	1.0			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 II Short



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REPORT NUMBER: P1456235
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	*1843.8*	1843.8	1843.8	1843.8
2.5°	1920.0	1922.7	1914.5	1911.8	1917.3	1906.4	1903.7	*1892.8*	1887.3	1876.5	1862.9
5°	1974.4	1977.1	1971.7	1971.7	1977.1	1968.9	1966.2	*1955.3*	1949.9	1939.0	1911.8
7.5°	1971.7	1974.4	1979.8	2001.6	2028.8	2039.6	2047.8	*2039.6*	2036.9	2020.6	1993.4
10°	1928.1	1930.9	1944.5	1977.1	2045.1	2094.0	2145.7	*2145.7*	2151.1	2137.5	2088.6
12.5°	1868.3	1871.0	1903.7	1955.3	2045.1	2129.4	2235.4	*2279.0*	2276.2	2268.1	2211.0
15°	1724.2	1724.2	1773.1	1871.0	2015.2	2153.9	2311.6	*2428.5*	2431.3	2439.4	2371.4
17.5°	1601.8	1604.5	1645.3	1732.3	1920.0	2140.3	2393.2	*2594.4*	2602.6	2648.8	2550.9
20°	1612.7	1612.7	1626.3	1664.3	1816.6	2085.9	2439.4	*2771.2*	2798.4	2907.2	2784.8
22.5°	1697.0	1697.0	1707.9	1705.1	1797.6	2050.5	2469.3	*2948.0*	2996.9	3222.6	3064.9
25°	1852.0	1849.3	1838.4	1822.1	1876.5	2088.6	2537.3	*3083.9*	3179.1	3570.7	3388.5
27.5°	2042.4	2036.9	2020.6	1993.4	2031.5	2202.8	2654.3	*3228.1*	3331.4	3951.5	3731.2
30°	2279.0	2262.6	2246.3	2211.0	2251.8	2390.5	2828.3	*3432.0*	3529.9	4383.9	4144.6
32.5°	2559.1	2578.1	2523.7	2474.8	2518.3	2646.1	3086.7	*3674.1*	3780.1	4835.3	4574.2
35°	2977.9	3035.0	3018.7	2771.2	2812.0	2953.4	3388.5	*3986.8*	4082.0	5246.0	5014.8
37.5°	3391.2	3377.6	3391.2	3184.6	3119.3	3290.6	3712.1	*4286.0*	4378.4	5580.5	5403.7
40°	3723.0	3763.8	3763.8	3595.2	3510.9	3625.1	4005.9	*4560.6*	4650.4	5765.4	5683.8
42.5°	4084.7	4090.2	4079.3	3932.4	3899.8	3929.7	4264.2	*4734.7*	4808.1	5860.6	5874.2
45°	4492.7	4489.9	4443.7	4321.3	4272.4	4245.2	4424.7	*4903.3*	4976.7	5904.1	5977.5
47.5°	4829.9	4843.5	4846.2	4715.7	4634.1	4517.1	4563.4	*4987.6*	5071.9	5855.1	5999.3
50°	4848.9	4870.7	4974.0	5012.1	4995.8	4808.1	4691.2	*5077.4*	5161.7	5866.0	6078.1
52.5°	4729.3	4751.0	4884.3	5042.0	5232.4	5142.6	4892.4	*5232.4*	5319.4	5972.1	6257.6
55°	4408.3	4443.7	4642.2	4862.5	5202.4	5330.3	5248.7	*5512.5*	5594.1	6056.4	6467.0
57.5°	3837.2	3880.8	4155.4	4506.3	4971.3	5286.8	5765.4	*5961.2*	6029.2	6116.2	6469.7
60°	2869.1	2904.5	3334.1	3807.3	4506.3	5014.8	6072.7	*6730.8*	6768.9	5792.6	6102.6
62.5°	2113.1	2148.4	2436.7	2776.6	3540.8	4514.4	6132.5	*7397.1*	7402.5	5207.9	5596.8
63°	*1990.7*	*2026.0*	*2287.1*	*2605.3*	*3312.4*	*4345.8*	*6113.5*	*7418.9*	*7399.8*	*5088.2*	*5485.3*
65°	1550.1	1612.7	1884.6	2126.7	2482.9	3459.2	5868.7	*7032.7*	7059.9	4734.7	4925.1
67.5°	1055.2	1101.4	1446.8	1726.9	1876.5	2202.8	4813.6	*6018.3*	6061.8	4367.6	3929.7
70°	815.9	837.6	1038.9	1367.9	1517.5	1400.6	3138.3	*4846.2*	4846.2	3410.3	2784.8
72.5°	639.1	647.2	783.2	1068.8	1221.1	1076.9	1748.7	*3524.5*	3394.0	2023.3	1857.4
75°	456.9	467.8	590.1	796.8	973.6	848.5	1117.7	*2053.2*	1974.4	1164.0	1240.1
77.5°	361.7	367.1	440.6	587.4	788.7	647.2	851.2	*1120.4*	1109.6	818.6	796.8
80°	285.5	296.4	345.4	421.5	609.2	505.8	633.6	*739.7*	718.0	562.9	511.3
82.5°	204.0	223.0	266.5	320.9	451.4	361.7	416.1	*522.1*	522.1	424.2	337.2
85°	125.1	141.4	157.7	198.5	320.9	233.9	220.3	*337.2*	345.4	318.2	217.6
87.5°	59.8	65.3	76.1	84.3	116.9	106.1	87.0	*127.8*	130.5	141.4	89.7
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

REPORT NUMBER: P1456235
CATALOG NUMBER: GLAN-SB4A-930-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8	1843.8
2.5°	1860.2	1854.7	1827.5	1800.3	1770.4	1743.2	1716.0	1694.3	1669.8	1675.2	1677.9
5°	1895.5	1881.9	1822.1	1751.4	1658.9	1571.9	1487.6	1427.7	1389.7	1378.8	1357.0
7.5°	1971.7	1939.0	1830.2	1680.7	1509.3	1373.4	1294.5	1259.1	1248.3	1251.0	1245.5
10°	2058.7	2009.7	1841.1	1596.4	1378.8	1286.3	1275.5	1297.2	1308.1	1319.0	1321.7
12.5°	2172.9	2094.0	1835.7	1503.9	1316.2	1299.9	1340.7	1381.5	1406.0	1422.3	1419.6
15°	2306.2	2200.1	1819.4	1427.7	1308.1	1351.6	1403.3	1449.5	1479.4	1495.7	1487.6
17.5°	2466.6	2325.2	1800.3	1378.8	1332.6	1384.2	1438.6	1484.9	1517.5	1528.4	1520.2
20°	2665.1	2466.6	1767.7	1357.0	1351.6	1397.8	1446.8	1490.3	1517.5	1528.4	1517.5
22.5°	2899.0	2635.2	1740.5	1357.0	1359.8	1397.8	1433.2	1465.8	1490.3	1498.5	1484.9
25°	3198.2	2831.0	1729.6	1378.8	1362.5	1384.2	1403.3	1422.3	1435.9	1441.3	1435.9
27.5°	3502.7	3056.7	1735.1	1406.0	1359.8	1365.2	1365.2	1367.9	1370.6	1373.4	1370.6
30°	3853.6	3285.2	1756.8	1441.3	1365.2	1338.0	1329.8	1313.5	1299.9	1289.1	1278.2
32.5°	4193.5	3502.7	1794.9	1493.0	1359.8	1308.1	1291.8	1251.0	1212.9	1180.3	1180.3
35°	4560.6	3728.5	1862.9	1531.1	1354.3	1280.9	1234.7	1188.4	1147.6	1101.4	1101.4
37.5°	4876.1	3921.6	1917.3	1574.6	1348.9	1248.3	1174.8	1123.2	1079.7	1033.4	1028.0
40°	5096.4	4033.1	1949.9	1590.9	1329.8	1204.7	1117.7	1052.5	989.9	927.4	924.6
42.5°	5202.4	4027.6	1930.9	1585.5	1294.5	1150.4	1068.8	981.7	897.4	840.3	834.9
45°	5259.6	3992.3	1857.4	1539.3	1237.4	1093.2	1006.2	913.8	829.5	777.8	766.9
47.5°	5248.7	3905.2	1756.8	1425.0	1161.2	1030.7	943.7	848.5	780.5	750.6	750.6
50°	5278.6	3837.2	1642.6	1294.5	1057.9	957.3	886.6	799.5	758.7	720.7	707.1
52.5°	5411.9	3894.4	1544.7	1172.1	960.0	886.6	837.6	764.2	712.5	688.0	679.9
55°	5588.6	4016.7	1452.2	1063.3	864.8	824.0	799.5	731.6	671.7	647.2	633.6
57.5°	5621.3	4101.0	1362.5	957.3	785.9	775.1	766.9	674.4	625.5	606.5	595.6
60°	5395.5	4038.5	1245.5	862.1	723.4	728.8	707.1	639.1	582.0	562.9	552.1
62.5°	5012.1	3875.3	1128.6	780.5	674.4	685.3	663.6	595.6	538.5	519.4	514.0
63°	*4935.9*	*3831.8*	*1101.4*	*772.3*	*663.6*	*677.2*	*658.1*	*590.1*	*533.0*	*514.0*	*505.8*
65°	4481.8	3570.7	1006.2	728.8	628.2	628.2	630.9	562.9	514.0	505.8	500.4
67.5°	3655.0	2980.6	902.9	677.2	590.1	598.3	611.9	573.8	554.8	549.3	543.9
70°	2763.0	2243.6	813.1	628.2	549.3	576.5	669.0	652.7	582.0	533.0	522.1
72.5°	1958.1	1528.4	734.3	579.3	500.4	568.4	693.5	622.8	524.9	467.8	456.9
75°	1310.8	984.5	655.4	527.6	446.0	524.9	655.4	568.4	456.9	443.3	427.0
77.5°	824.0	701.6	576.5	467.8	386.2	467.8	595.6	505.8	394.3	399.8	375.3
80°	503.1	500.4	484.1	397.1	310.0	372.6	500.4	427.0	315.5	315.5	280.1
82.5°	299.1	361.7	410.6	329.1	225.7	266.5	361.7	320.9	263.8	255.6	239.3
85°	201.2	244.8	326.3	252.9	144.1	163.2	250.2	269.2	242.0	212.1	198.5
87.5°	73.4	97.9	149.6	103.3	62.5	97.9	187.6	195.8	146.9	114.2	103.3
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

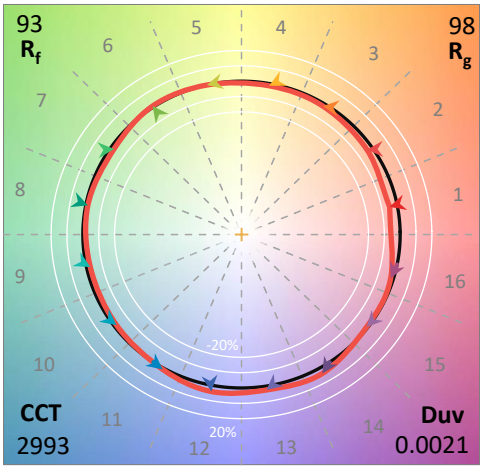
Test Information

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

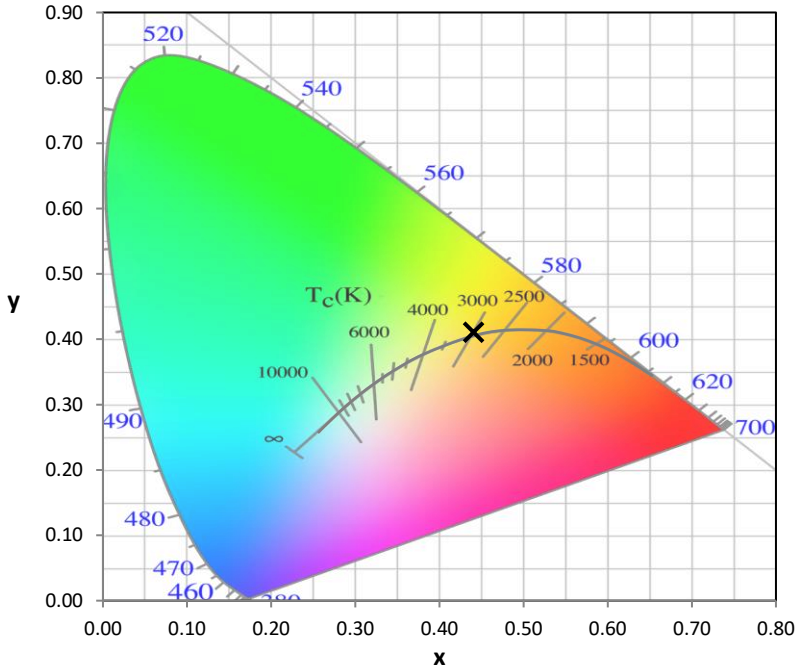
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

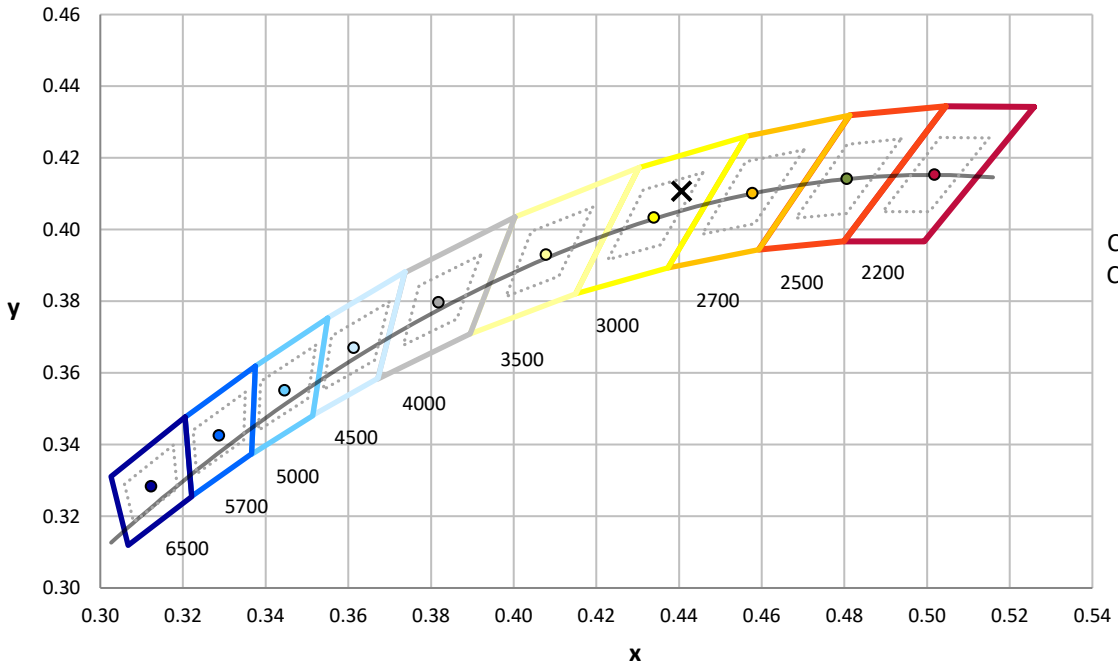
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

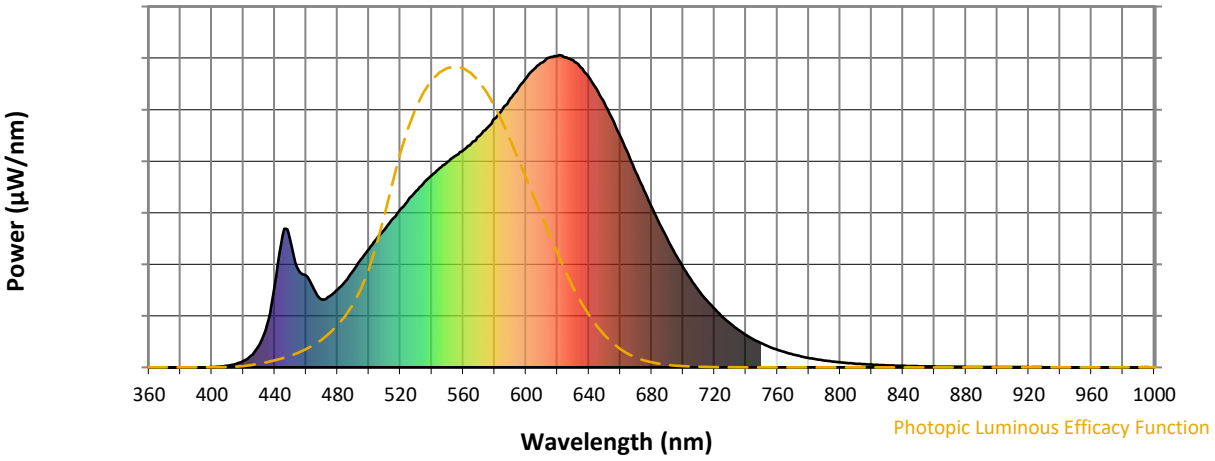


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

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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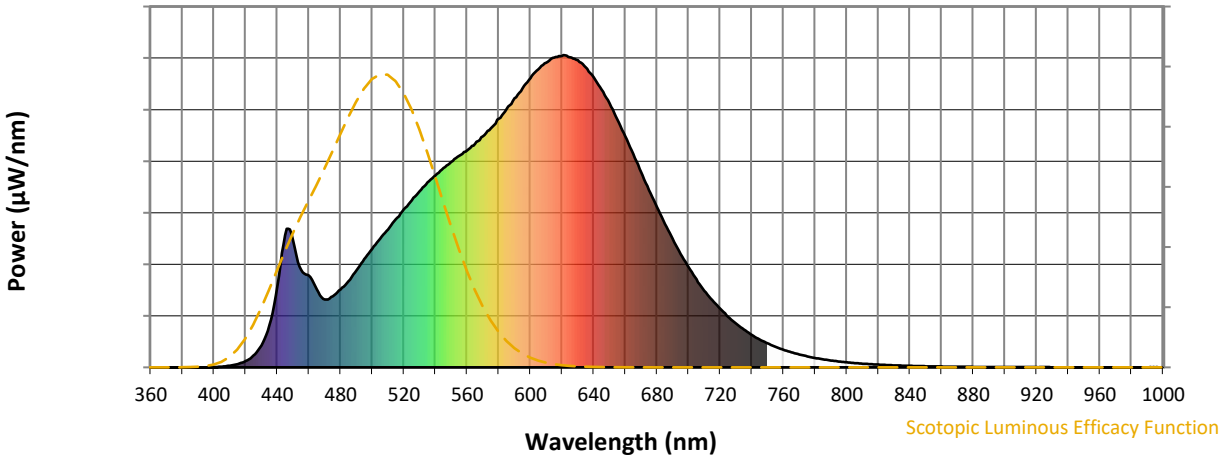
Scotopic Flux vs. Wavelength



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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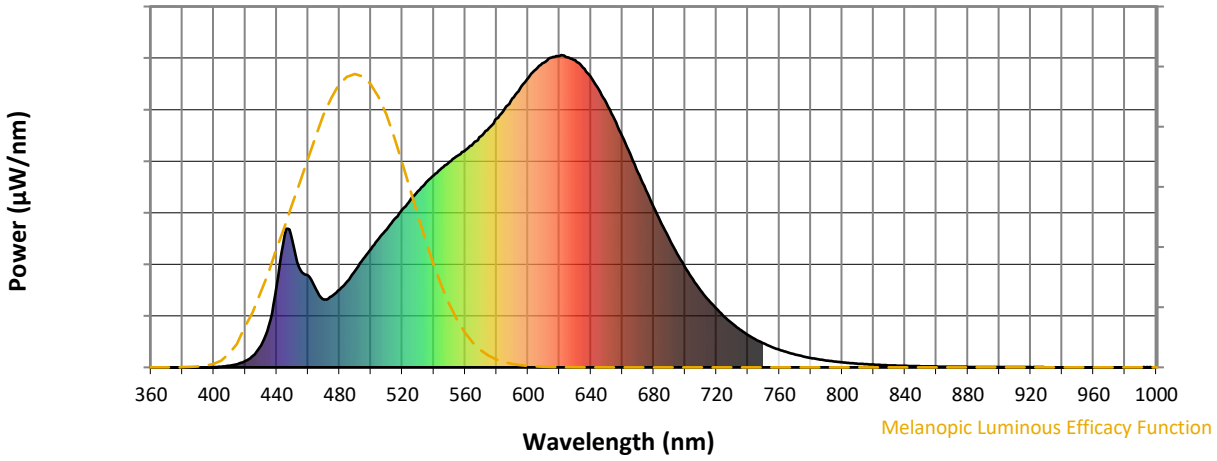
Melanopic Flux vs. Wavelength



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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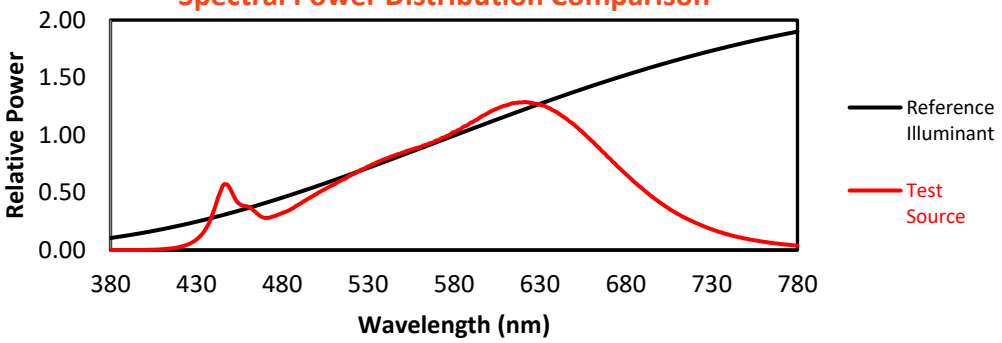
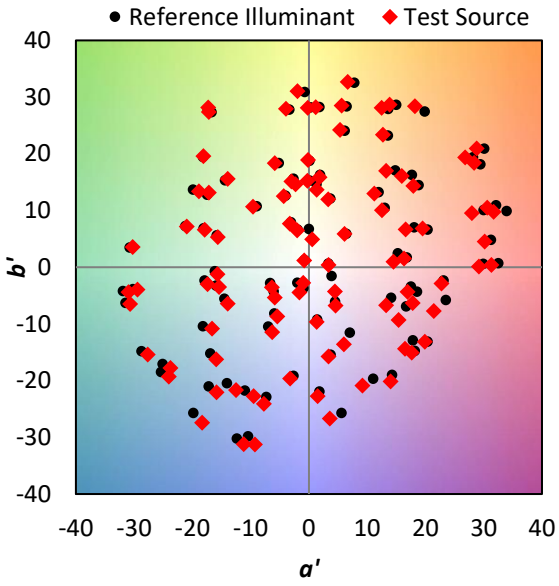
Summary

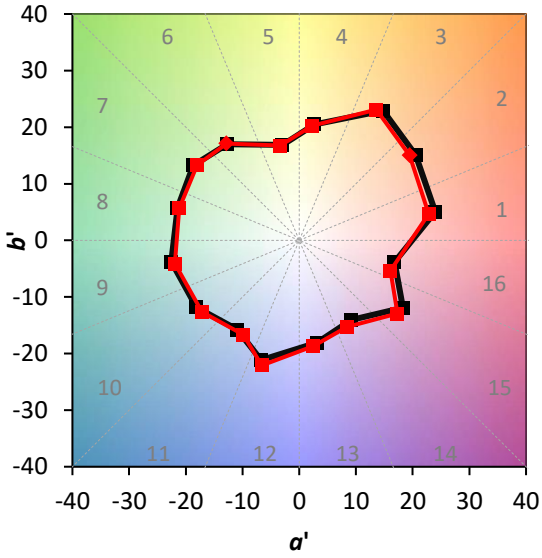
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

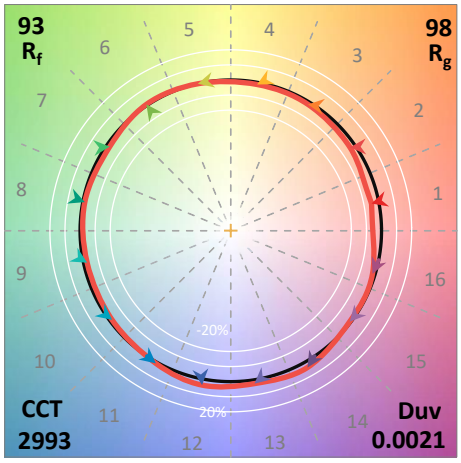
Spectral Power Distribution Comparison

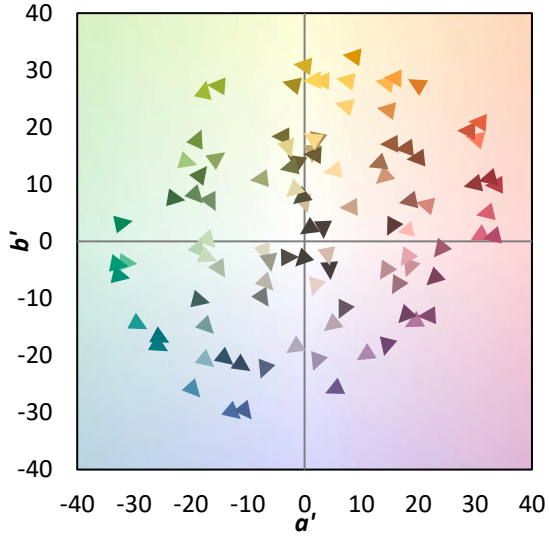


Color Vector Graphics









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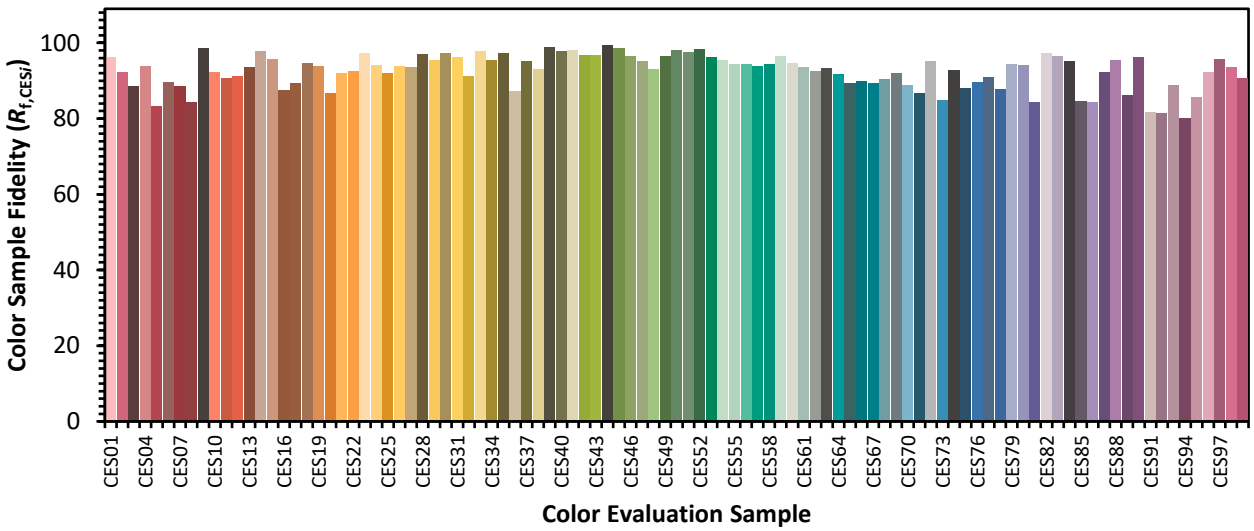
Individual Sample Fidelity Index ($R_{f,i}$)

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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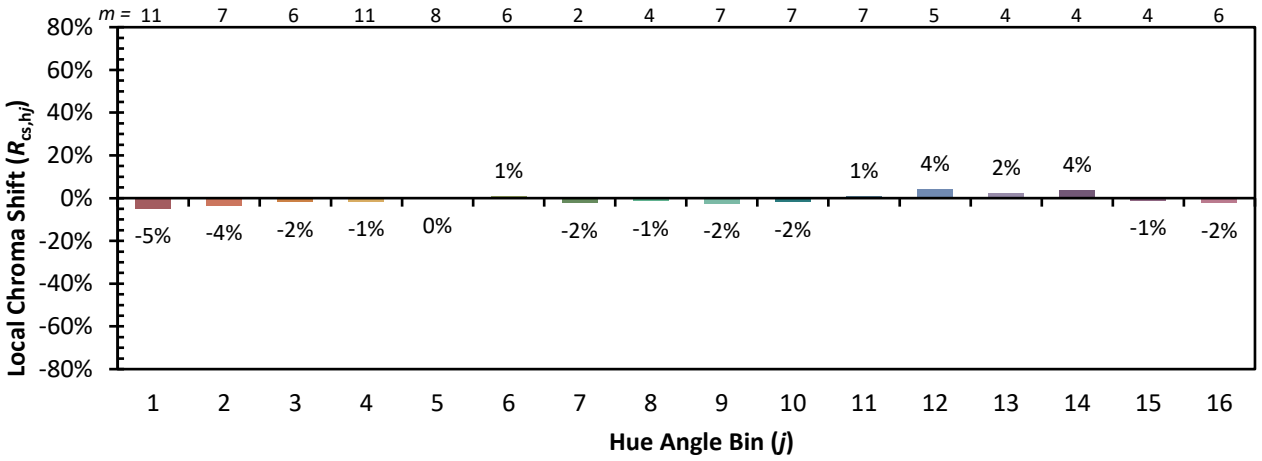
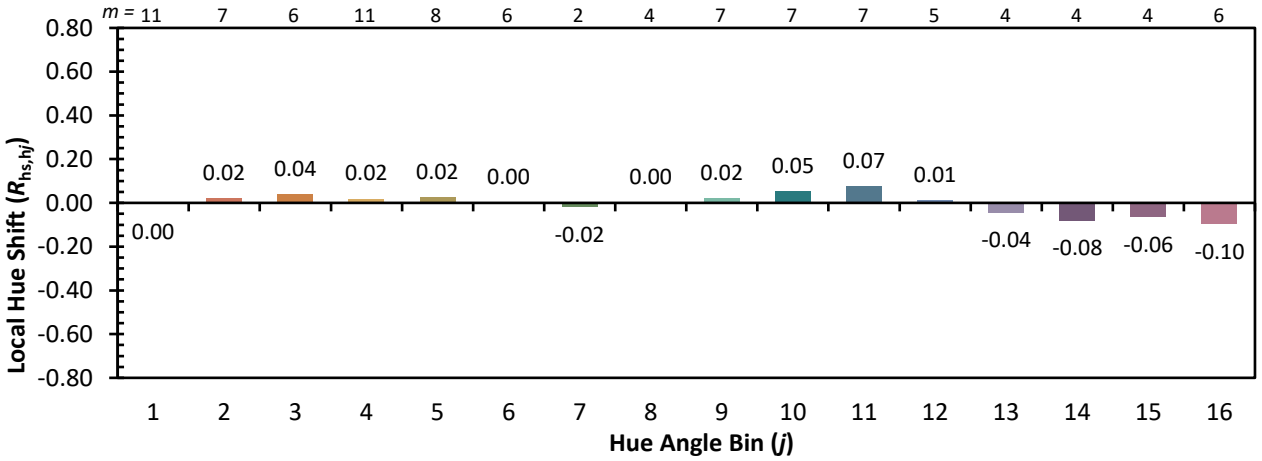
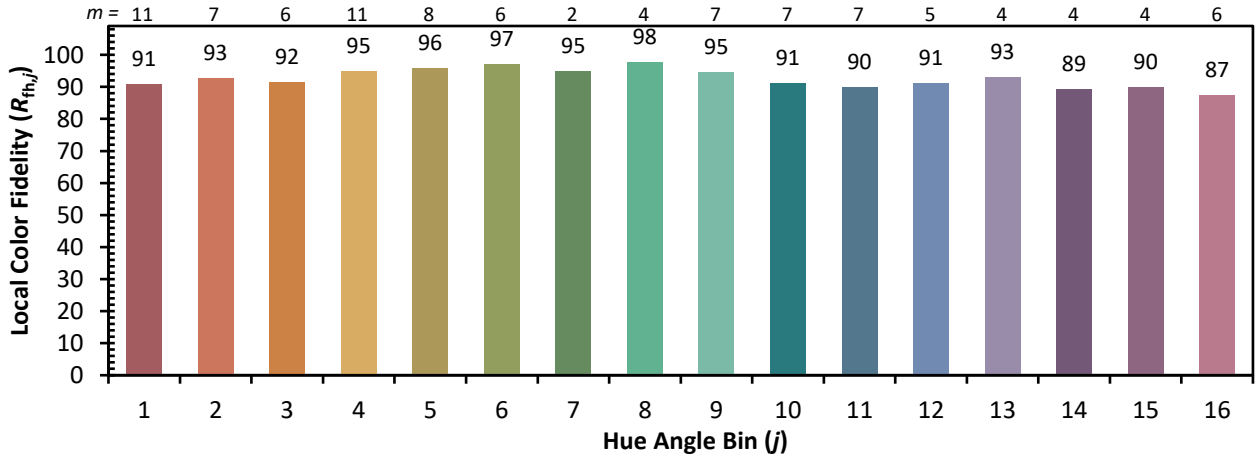
Color Rendition by Hue-Angle Bin







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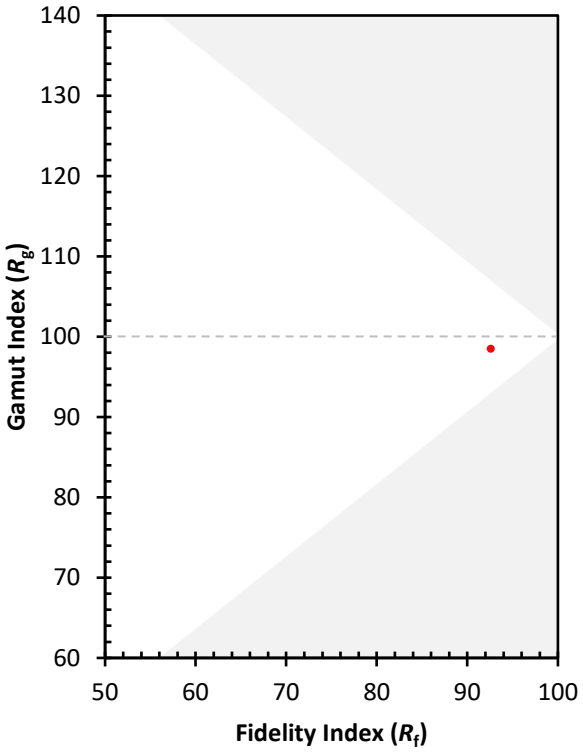
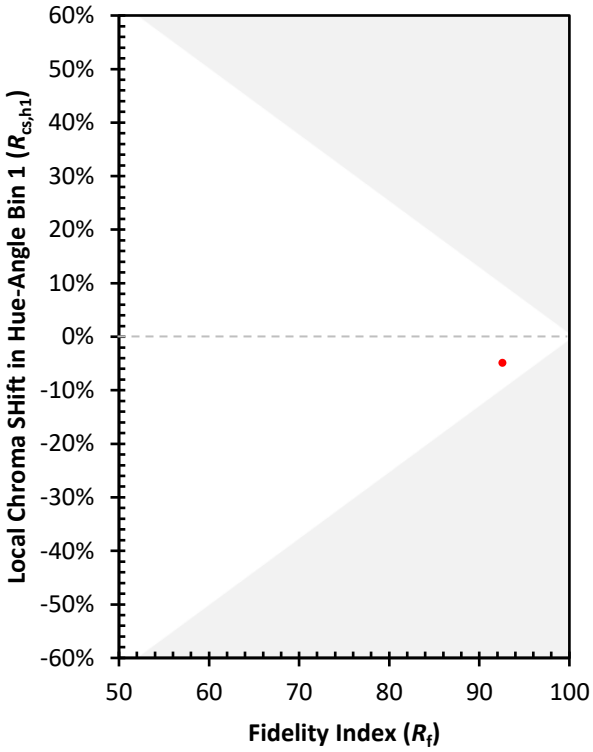
Measure Comparisons





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