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: P1458539

Luminaire Tested: GLAN-SB4A-930-U-T3LG-HSS

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:	P1458539
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4A-930-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 3000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9565.6 lumens
Efficiency:	N/A
Efficacy:	83.9 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - 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: P1458539
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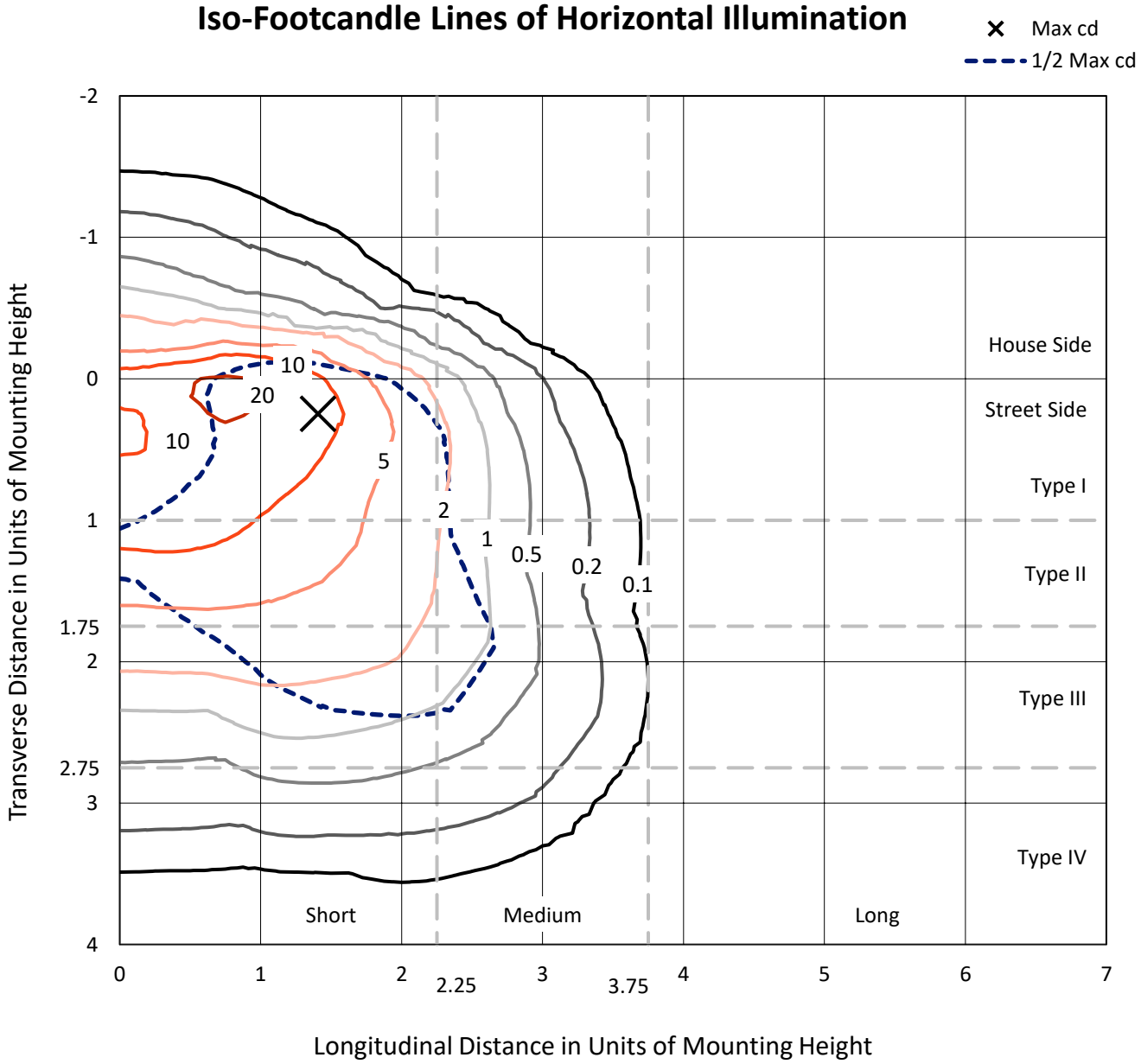
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 23.6 fc
Type III - Short - N/A

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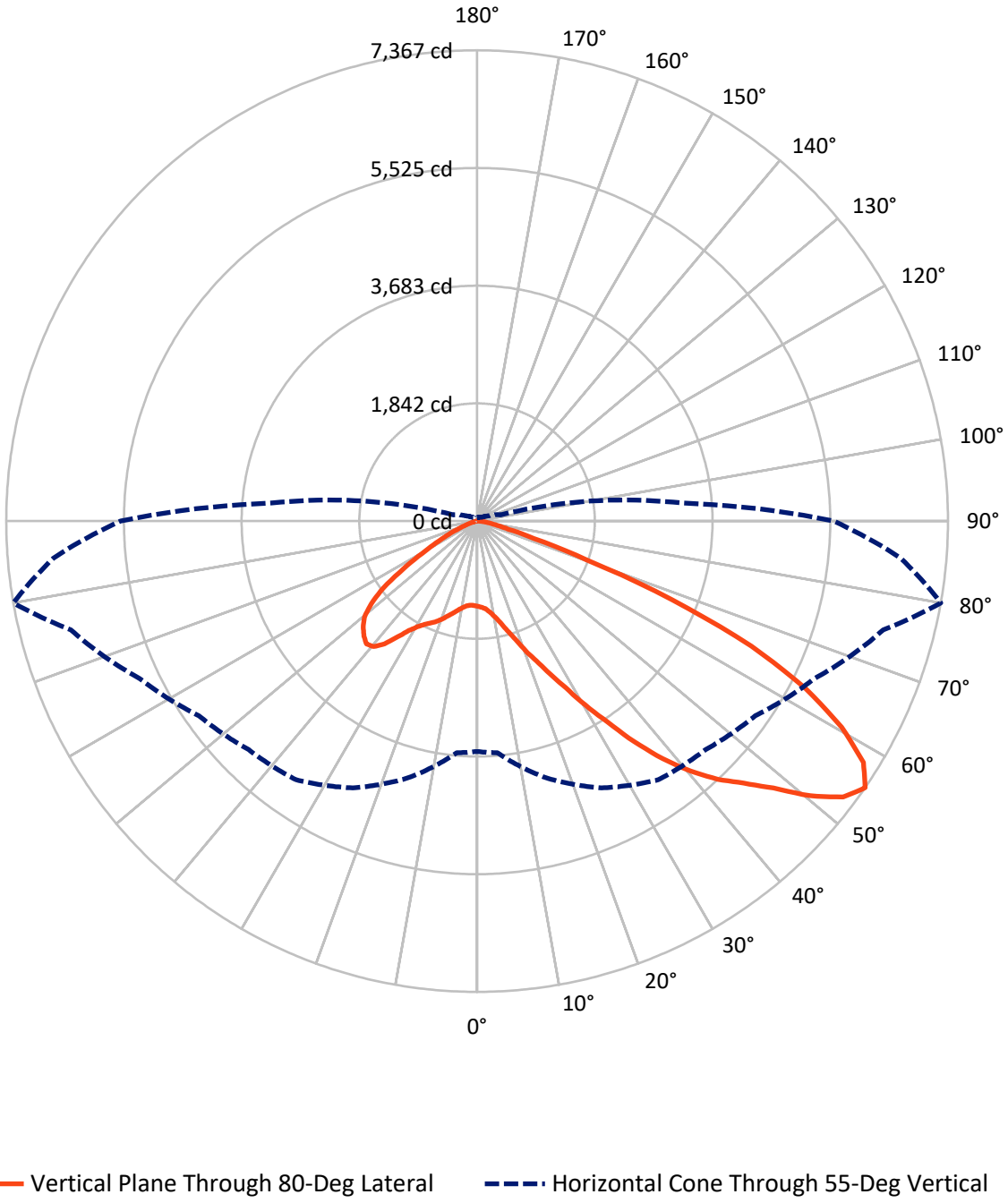
Luminous Intensity Polar Plot



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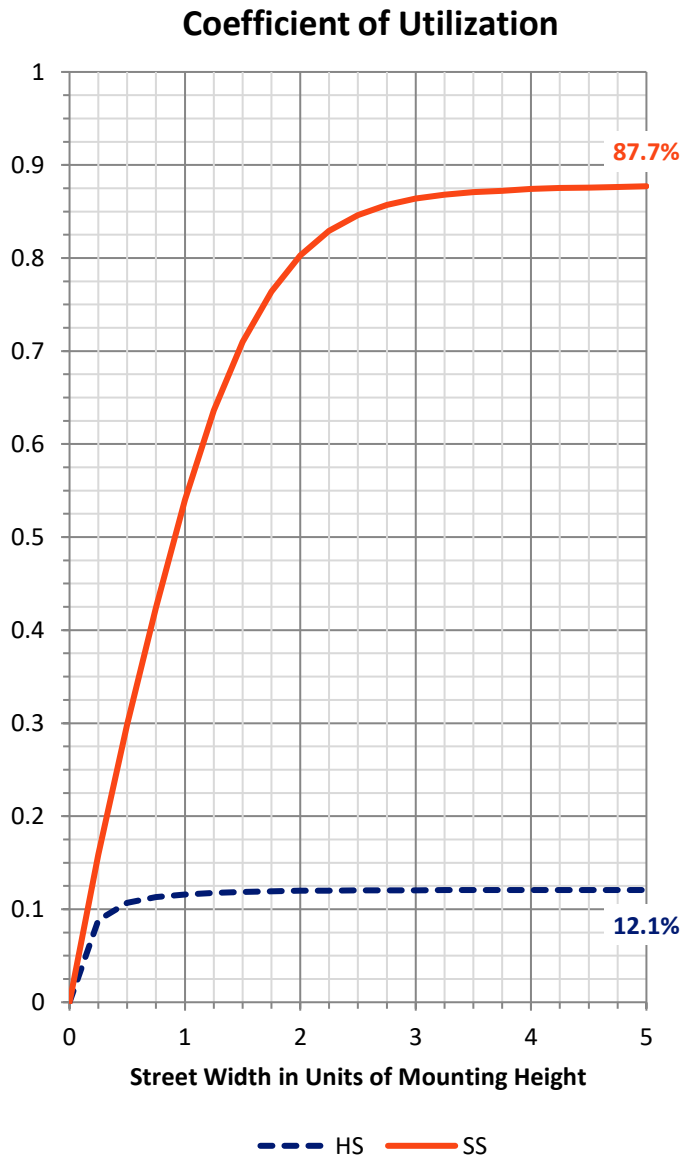
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1162.8	0.0	1162.8
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	8402.8	0.0	8402.8
	% Fixture	87.8	0.0	87.8
Total	Lumens	9565.6	0.0	9565.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.8	1.2
10°-20°	294.8	3.1
20°-30°	577.1	6.0
30°-40°	1174.1	12.3
40°-50°	1979.4	20.7
50°-60°	2529.1	26.4
60°-70°	2159.3	22.6
70°-80°	690.0	7.2
80°-90°	49.8	0.5
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°	9565.6	100.0
0°-180°	9565.6	100.0



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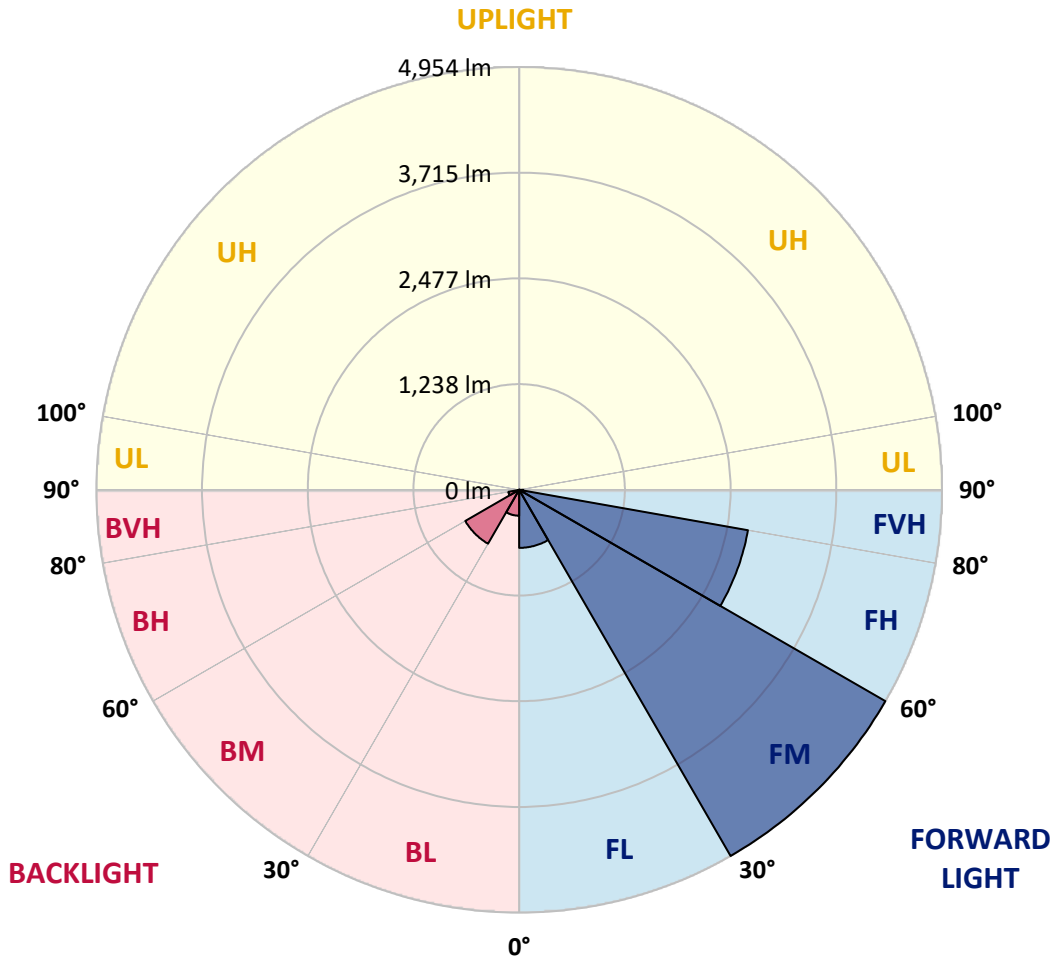
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	680.1	7.1			
FM	(30°-60°)	4953.9	51.8			
FH	(60°-80°)	2721.5	28.5			G2/5000
FVH	(80°-90°)	47.2	0.5			G1/100
BL	(0°-30°)	303.6	3.2	B1/500		
BM	(30°-60°)	728.8	7.6	B1/1000		
BH	(60°-80°)	127.8	1.3	B1/500		G1/500
BVH	(80°-90°)	2.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	1332.5	1332.5	1332.5	1332.5	1332.5	1332.5	1332.5	1332.5	1332.5	*1332.5*	1332.5
2.5°	1340.6	1343.3	1340.6	1343.3	1348.8	1346.1	1356.9	1354.2	1354.2	*1351.5*	1340.6
5°	1264.5	1267.2	1272.6	1286.2	1305.3	1324.3	1348.8	1365.1	1381.4	*1378.7*	1367.8
7.5°	1114.9	1120.4	1142.1	1169.3	1231.9	1289.0	1351.5	1392.3	1427.6	*1438.5*	1430.4
10°	1030.6	1036.1	1049.7	1076.9	1134.0	1229.1	1351.5	1435.8	1498.4	*1520.1*	1522.8
12.5°	1022.5	1025.2	1036.1	1066.0	1114.9	1196.5	1348.8	1492.9	1599.0	*1631.6*	1642.5
15°	1027.9	1033.3	1044.2	1068.7	1125.8	1218.3	1370.5	1582.7	1732.2	*1778.4*	1781.2
17.5°	1049.7	1055.1	1068.7	1095.9	1158.4	1275.4	1438.5	1675.1	1892.7	*1944.3*	1974.2
20°	1093.2	1095.9	1112.2	1147.6	1218.3	1346.1	1539.1	1800.2	2085.7	*2161.9*	2183.6
22.5°	1150.3	1158.4	1180.2	1223.7	1313.4	1444.0	1677.8	1952.5	2297.8	*2376.7*	2414.8
25°	1212.8	1223.7	1256.3	1327.0	1441.2	1593.5	1849.1	2153.7	2548.0	*2643.2*	2694.9
27.5°	1340.6	1343.3	1365.1	1454.8	1601.7	1789.3	2066.7	2412.0	2841.7	*2953.2*	3010.3
30°	1620.7	1623.4	1604.4	1628.9	1778.4	2020.5	2322.3	2713.9	3184.3	*3339.3*	3385.6
32.5°	1963.4	1977.0	1974.2	1957.9	2025.9	2251.6	2626.9	3075.6	3586.8	*3750.0*	3793.5
35°	2352.2	2384.9	2376.7	2371.3	2379.4	2548.0	2974.9	3475.3	4043.6	*4242.2*	4277.5
37.5°	2732.9	2741.1	2779.2	2825.4	2830.8	2947.8	3377.4	3899.5	4467.9	*4720.8*	4775.1
40°	3026.6	3053.8	3149.0	3241.4	3336.6	3429.1	3709.2	4242.2	4805.1	*5145.0*	5169.4
42.5°	3255.0	3320.3	3459.0	3603.1	3796.2	3899.5	4024.6	4484.2	5079.7	*5523.0*	5512.1
45°	3532.4	3559.6	3755.4	3945.7	4141.5	4299.3	4296.5	4688.1	5294.5	*5846.6*	5778.6
47.5°	3720.0	3752.7	4019.2	4242.2	4443.4	4522.2	4538.6	4908.4	5590.9	*6238.1*	6077.7
50°	3820.7	3877.8	4168.7	4451.5	4669.1	4693.6	4767.0	5196.6	5979.8	*6757.5*	6455.7
52.5°	3831.5	3885.9	4220.4	4584.8	4821.4	4870.3	4995.4	5523.0	6357.8	*7173.6*	6673.2
55°	*3605.8*	*3638.5*	*4157.9*	*4606.5*	*4941.0*	*5055.2*	*5310.9*	*5824.8*	*6578.1*	*7366.7*	*6654.2*
57.5°	3393.7	3426.4	3877.8	4568.5	5063.4	5297.3	5648.0	6031.5	6406.7	*7127.4*	6230.0
60°	3211.5	3227.8	3638.5	4391.7	5109.6	5533.8	5939.0	5827.5	5963.5	*6553.6*	5503.9
62.5°	2868.9	2879.8	3366.5	4073.6	5017.2	5716.0	6039.6	5395.2	5476.7	*5762.3*	4650.1
65°	2167.3	2208.1	2654.1	3834.3	4864.9	5800.3	5805.8	4867.6	4783.3	*4715.3*	3657.5
67.5°	1471.2	1517.4	1786.6	3448.1	4617.4	5835.7	5351.6	4185.0	3643.9	*3293.1*	2395.7
70°	1174.8	1174.8	1267.2	2771.0	4030.0	5384.3	4788.7	3159.9	2314.2	*1819.2*	1283.5
72.5°	772.3	775.0	862.0	1759.4	2858.0	4106.2	3905.0	1827.4	1201.9	*927.3*	633.6
75°	280.1	280.1	378.0	704.3	1511.9	2444.7	2379.4	872.9	652.6	*505.8*	383.4
77.5°	149.6	155.0	182.2	291.0	579.2	995.3	930.0	446.0	369.8	*315.4*	239.3
80°	100.6	103.3	122.4	179.5	280.1	383.4	299.1	250.2	250.2	*212.1*	160.4
82.5°	54.4	57.1	81.6	116.9	149.6	179.5	144.1	146.8	176.8	*144.1*	92.5
85°	38.1	38.1	62.5	84.3	84.3	87.0	62.5	92.5	103.3	*89.7*	62.5
87.5°	21.8	21.8	35.4	40.8	40.8	38.1	19.0	32.6	40.8	*46.2*	27.2
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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REPORT NUMBER: P1458539
CATALOG NUMBER: GLAN-SB4A-930-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1332.5	1332.5	1332.5	1332.5	1332.5	1332.5	1332.5	1332.5	1332.5	1332.5	1332.5
2.5°	1337.9	1329.8	1313.4	1280.8	1264.5	1242.7	1223.7	1199.2	1193.8	1191.1	1180.2
5°	1359.7	1343.3	1294.4	1223.7	1163.9	1106.8	1049.7	1017.0	989.8	976.2	973.5
7.5°	1414.1	1381.4	1291.7	1166.6	1055.1	957.2	872.9	799.5	761.4	728.8	731.5
10°	1495.6	1444.0	1297.1	1112.2	946.3	788.6	666.2	560.2	484.0	448.7	446.0
12.5°	1604.4	1531.0	1316.2	1057.8	813.1	592.8	437.8	375.3	359.0	356.2	353.5
15°	1737.7	1634.3	1335.2	987.1	633.6	410.6	356.2	342.6	339.9	337.2	337.2
17.5°	1898.1	1754.0	1346.1	867.5	462.3	353.5	334.5	326.3	323.6	320.9	320.9
20°	2099.3	1887.2	1359.7	715.2	391.6	339.9	318.2	307.3	304.6	304.6	301.8
22.5°	2297.8	2036.8	1348.8	581.9	378.0	323.6	299.1	288.2	282.8	282.8	280.1
25°	2526.3	2189.1	1316.2	524.8	375.3	310.0	280.1	263.8	255.6	252.9	252.9
27.5°	2787.3	2363.1	1264.5	527.6	375.3	299.1	255.6	233.9	228.4	223.0	223.0
30°	3086.4	2575.2	1226.4	562.9	380.7	288.2	233.9	206.7	198.5	193.1	195.8
32.5°	3429.1	2811.8	1223.7	620.0	388.9	271.9	209.4	179.5	171.3	168.6	171.3
35°	3817.9	3105.5	1286.2	663.5	367.1	236.6	179.5	155.0	146.8	146.8	149.6
37.5°	4250.3	3442.7	1370.5	652.6	296.4	187.6	155.0	136.0	127.8	130.5	133.2
40°	4644.6	3706.4	1384.1	557.5	223.0	160.4	133.2	119.7	114.2	116.9	119.7
42.5°	4943.7	3918.6	1253.6	432.4	187.6	136.0	114.2	103.3	100.6	106.1	106.1
45°	5185.8	4002.9	1046.9	320.9	165.9	116.9	100.6	95.2	89.7	92.5	92.5
47.5°	5438.7	4016.5	853.9	258.3	146.8	106.1	92.5	87.0	81.6	81.6	81.6
50°	5683.4	3983.8	652.6	228.4	136.0	95.2	84.3	78.9	73.4	70.7	70.7
52.5°	5743.2	3722.8	478.6	212.1	125.1	89.7	78.9	73.4	68.0	65.3	65.3
55°	*5577.3*	*3227.8*	*375.3*	*190.4*	*114.2*	*81.6*	*73.4*	*68.0*	*59.8*	*57.1*	*57.1*
57.5°	5030.8	2461.0	299.1	163.2	103.3	78.9	68.0	62.5	54.4	51.7	51.7
60°	4321.0	1745.8	242.0	133.2	95.2	70.7	62.5	54.4	48.9	43.5	43.5
62.5°	3535.1	1253.6	195.8	111.5	89.7	62.5	57.1	48.9	38.1	29.9	29.9
65°	2711.2	900.1	152.3	89.7	81.6	54.4	48.9	40.8	29.9	21.8	21.8
67.5°	1754.0	581.9	114.2	78.9	62.5	46.2	38.1	32.6	27.2	19.0	16.3
70°	924.6	339.9	84.3	68.0	46.2	35.4	32.6	27.2	21.8	13.6	13.6
72.5°	478.6	223.0	62.5	59.8	35.4	24.5	27.2	21.8	16.3	8.2	8.2
75°	307.3	149.6	46.2	48.9	21.8	19.0	19.0	13.6	8.2	5.4	2.7
77.5°	198.5	100.6	32.6	40.8	13.6	10.9	10.9	5.4	2.7	0.0	0.0
80°	116.9	62.5	21.8	27.2	5.4	5.4	2.7	0.0	0.0	0.0	0.0
82.5°	59.8	32.6	10.9	10.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0
85°	38.1	16.3	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.0	5.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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

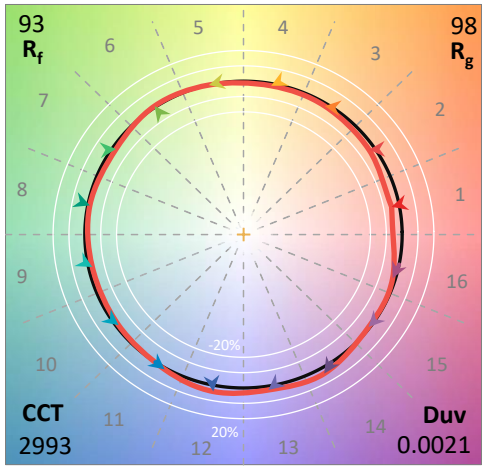
Test Information

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

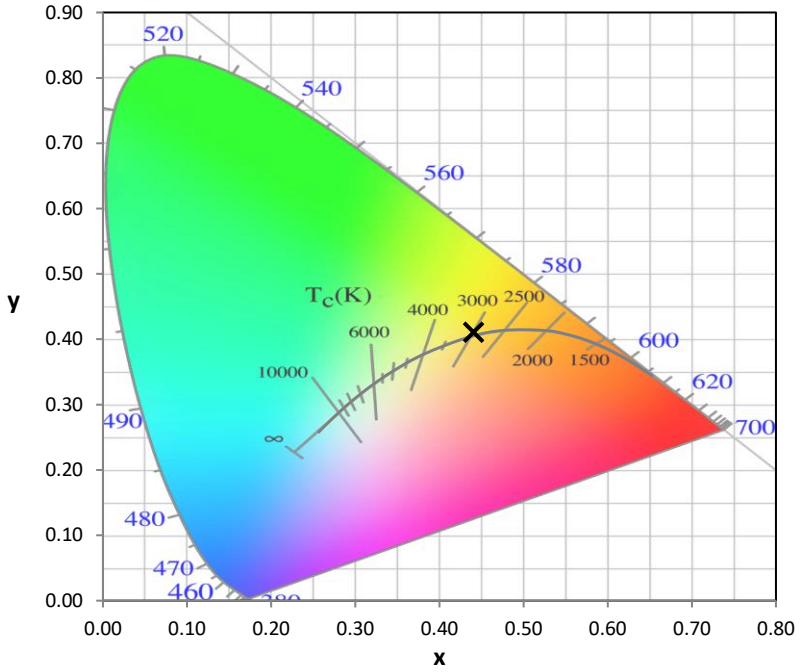
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

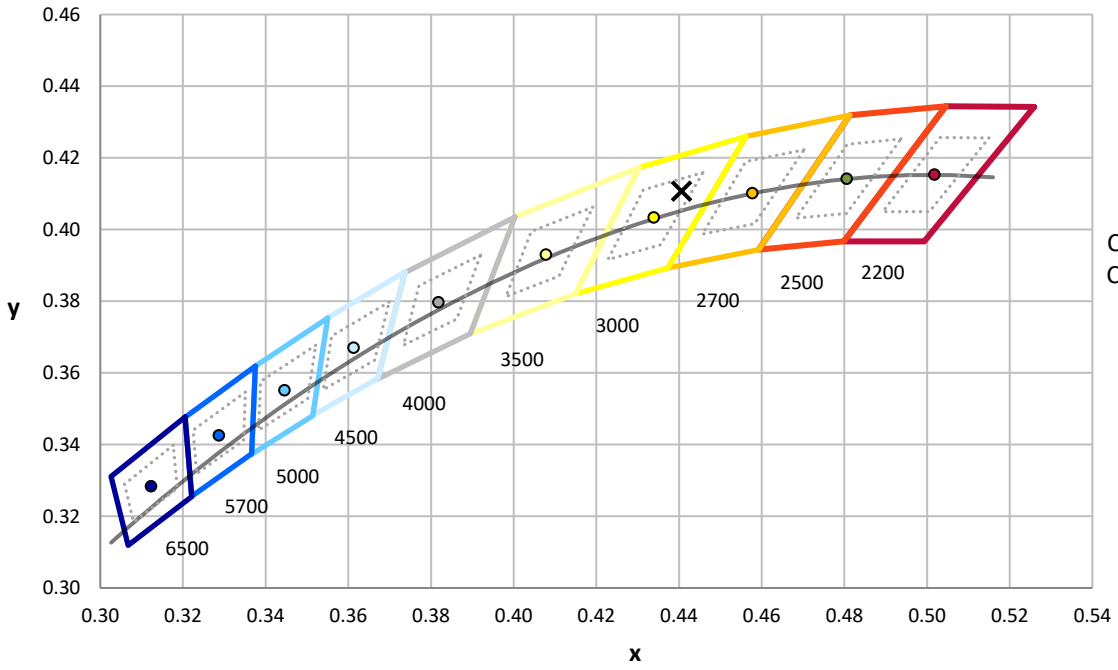
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

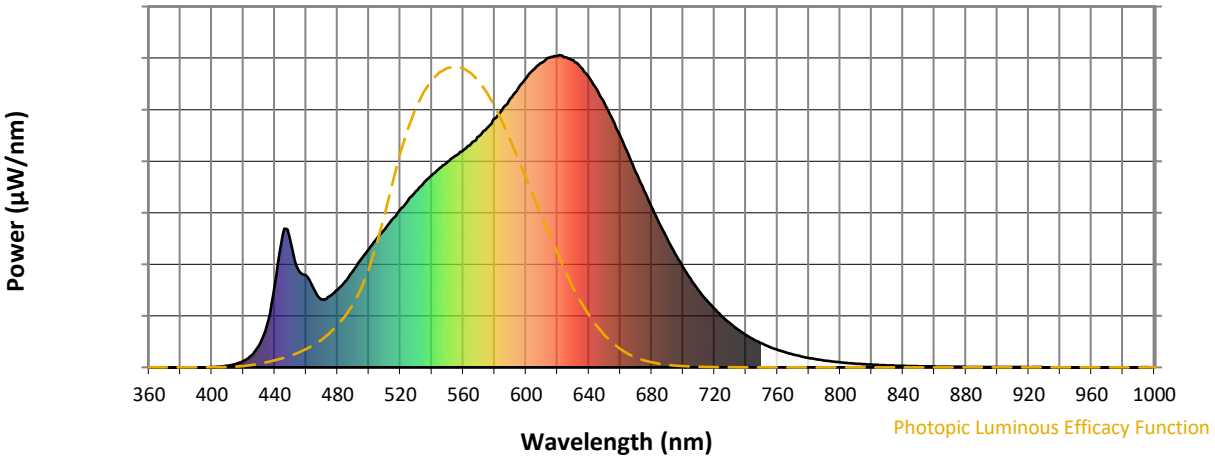


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

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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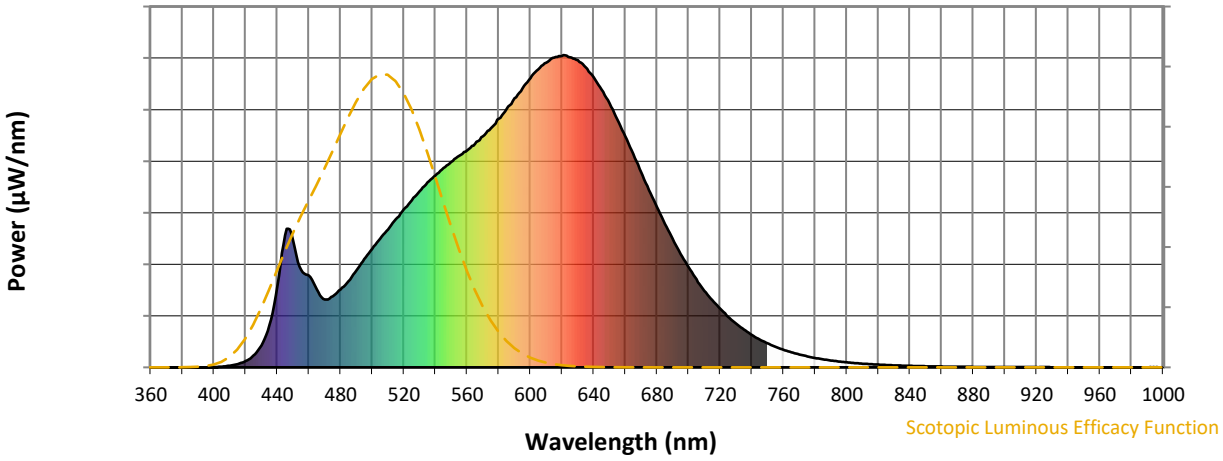
Scotopic Flux vs. Wavelength



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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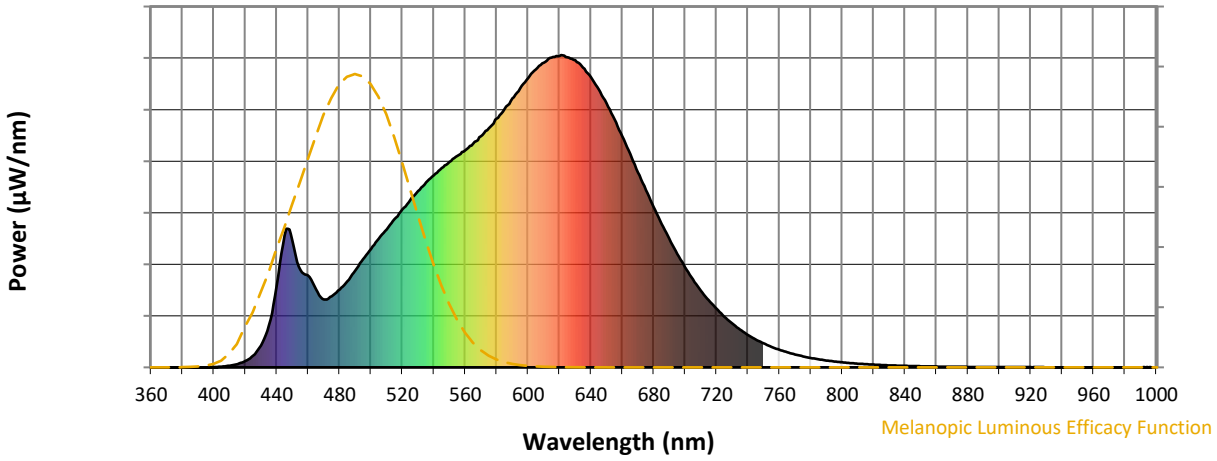
Melanopic Flux vs. Wavelength



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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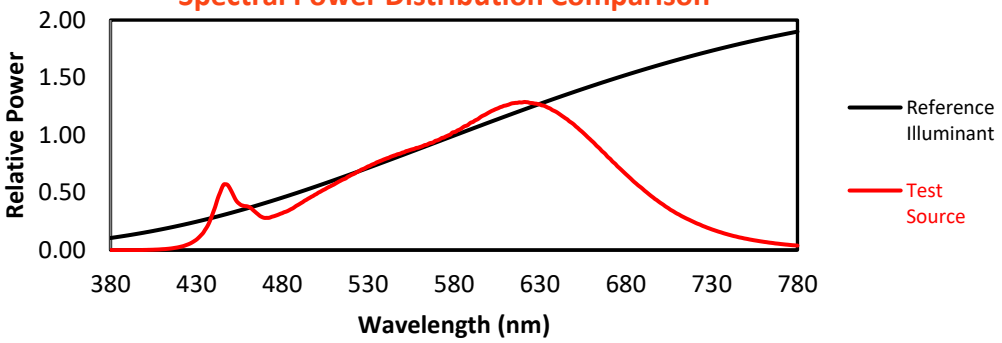
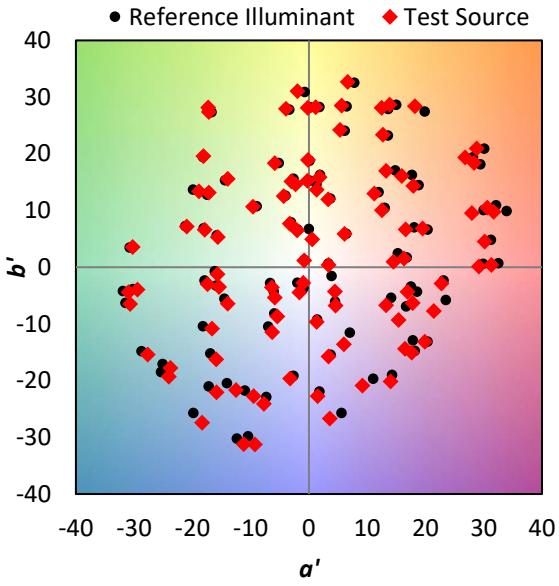
Summary

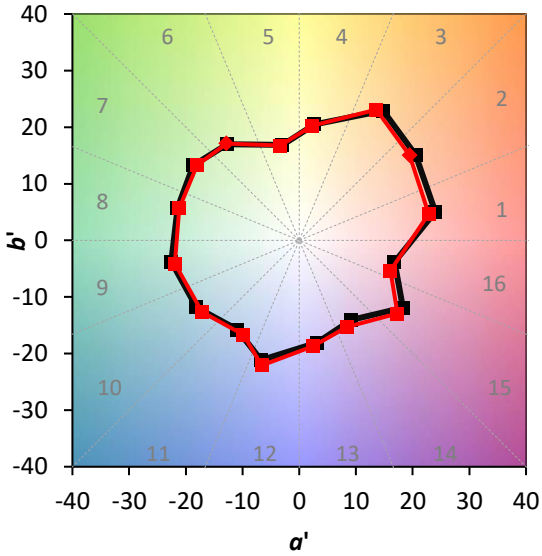
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

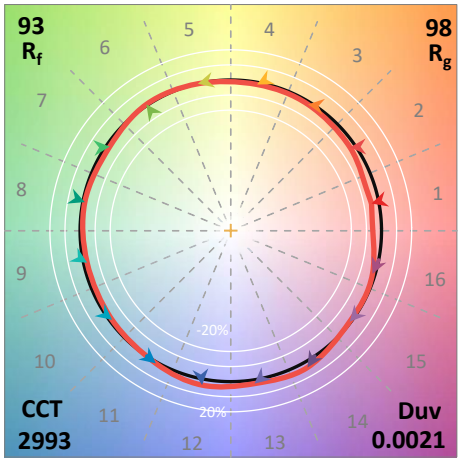
Spectral Power Distribution Comparison

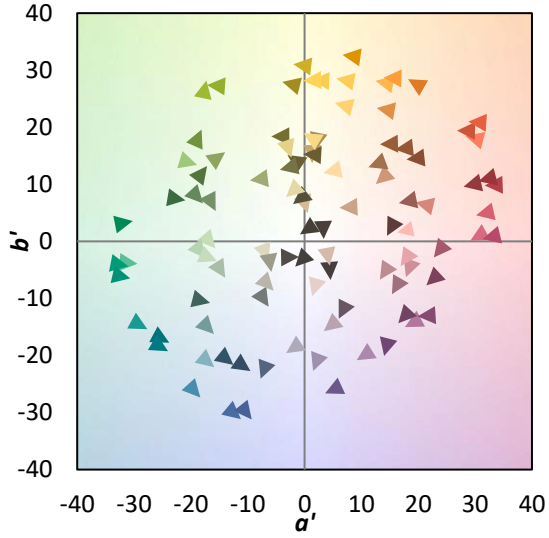


Color Vector Graphics









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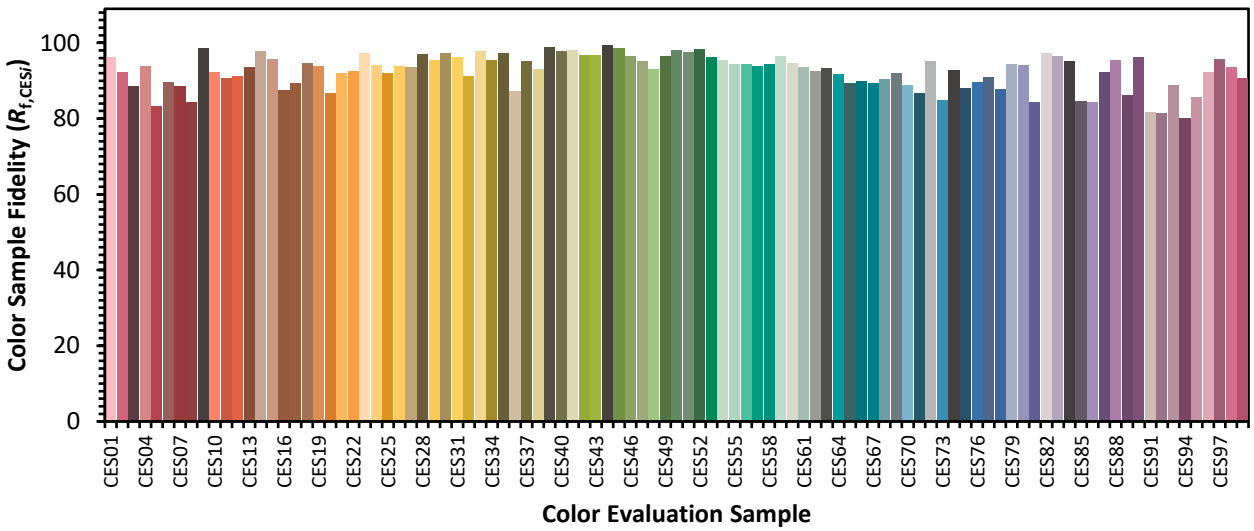
Individual Sample Fidelity Index ($R_{f,i}$)

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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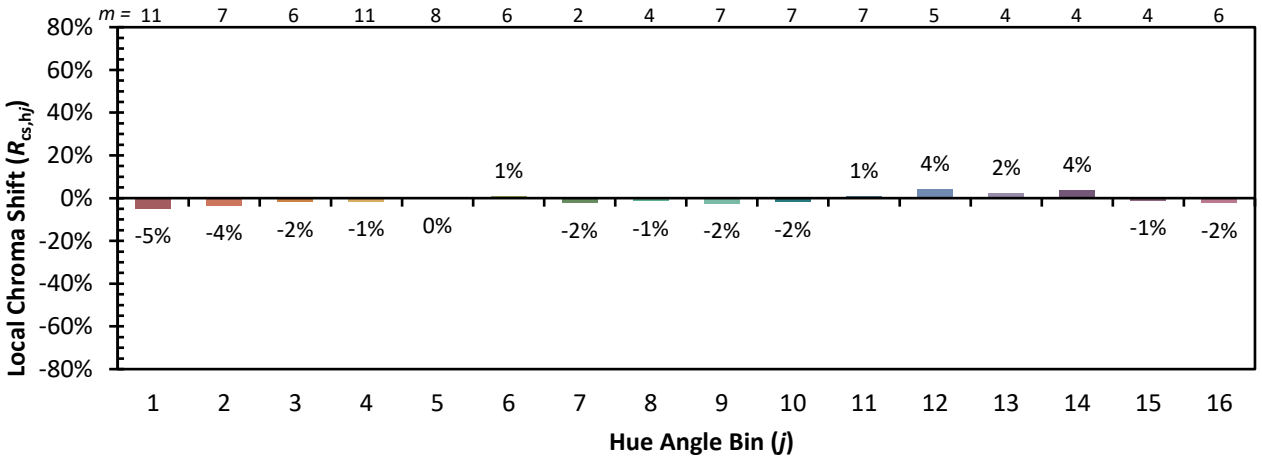
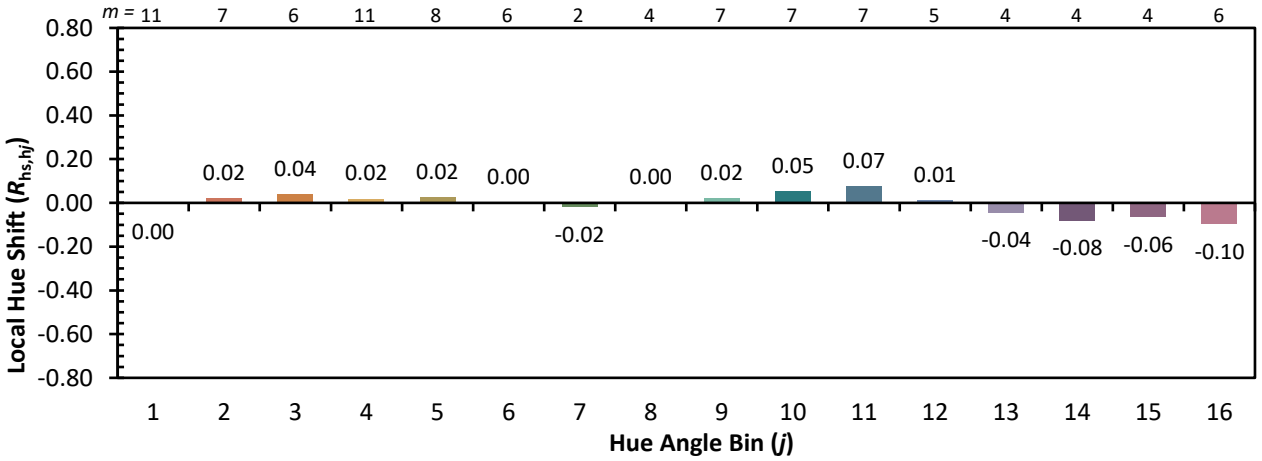
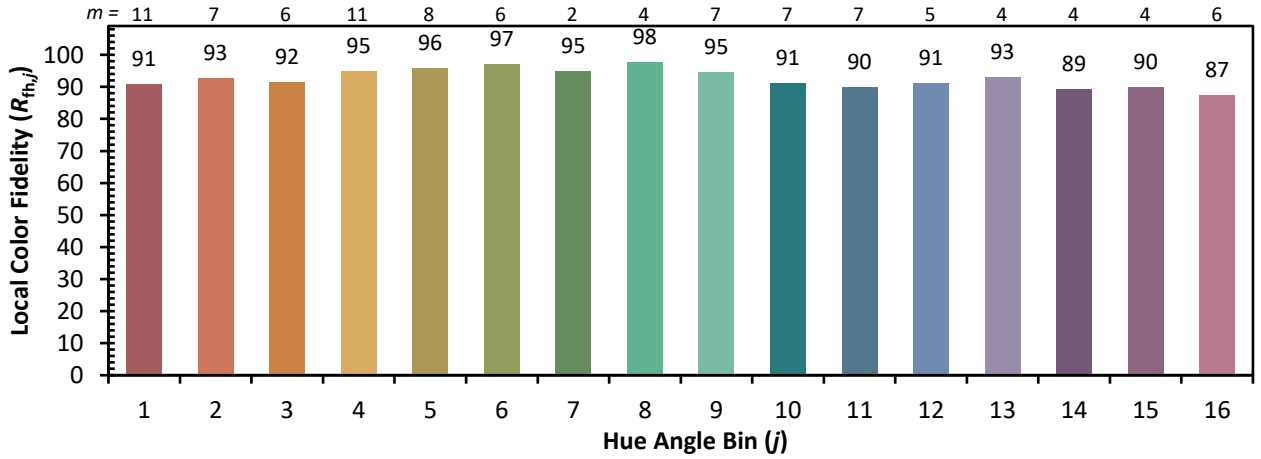
Color Rendition by Hue-Angle Bin







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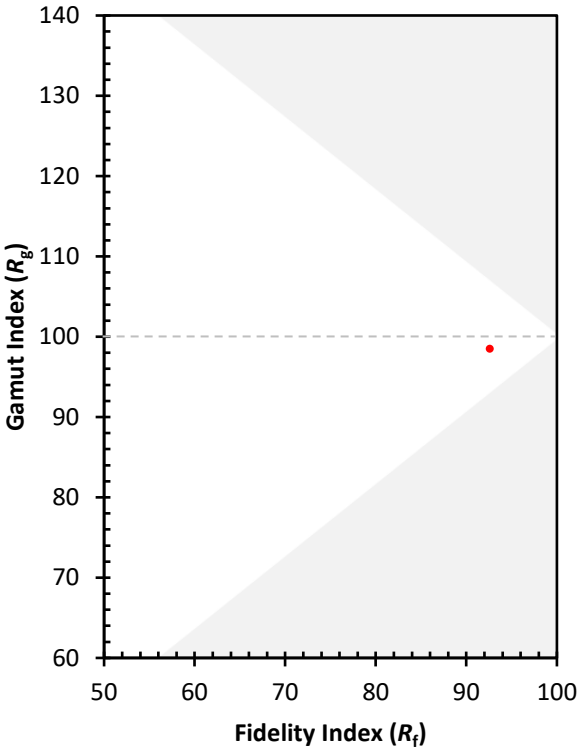
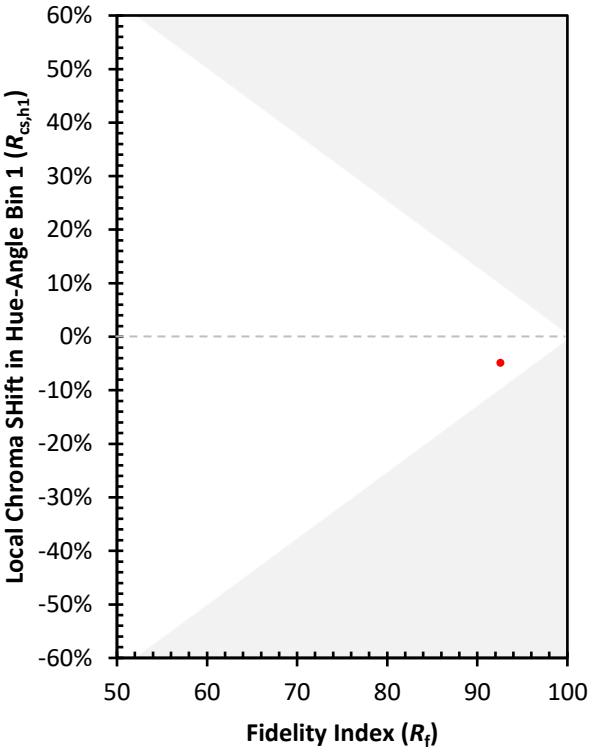
Measure Comparisons





(END OF REPORT)