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: McGRAW-EDISON

Report Number: P1502647

Luminaire Tested: GSS-SB1C-827-U-T4LG-HSS

Issue Date: 07/20/2026

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:	P1502647
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1C-827-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 52W 80CRI 2700K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(26) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4744.2 lumens
Efficiency:	N/A
Efficacy:	91.2 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

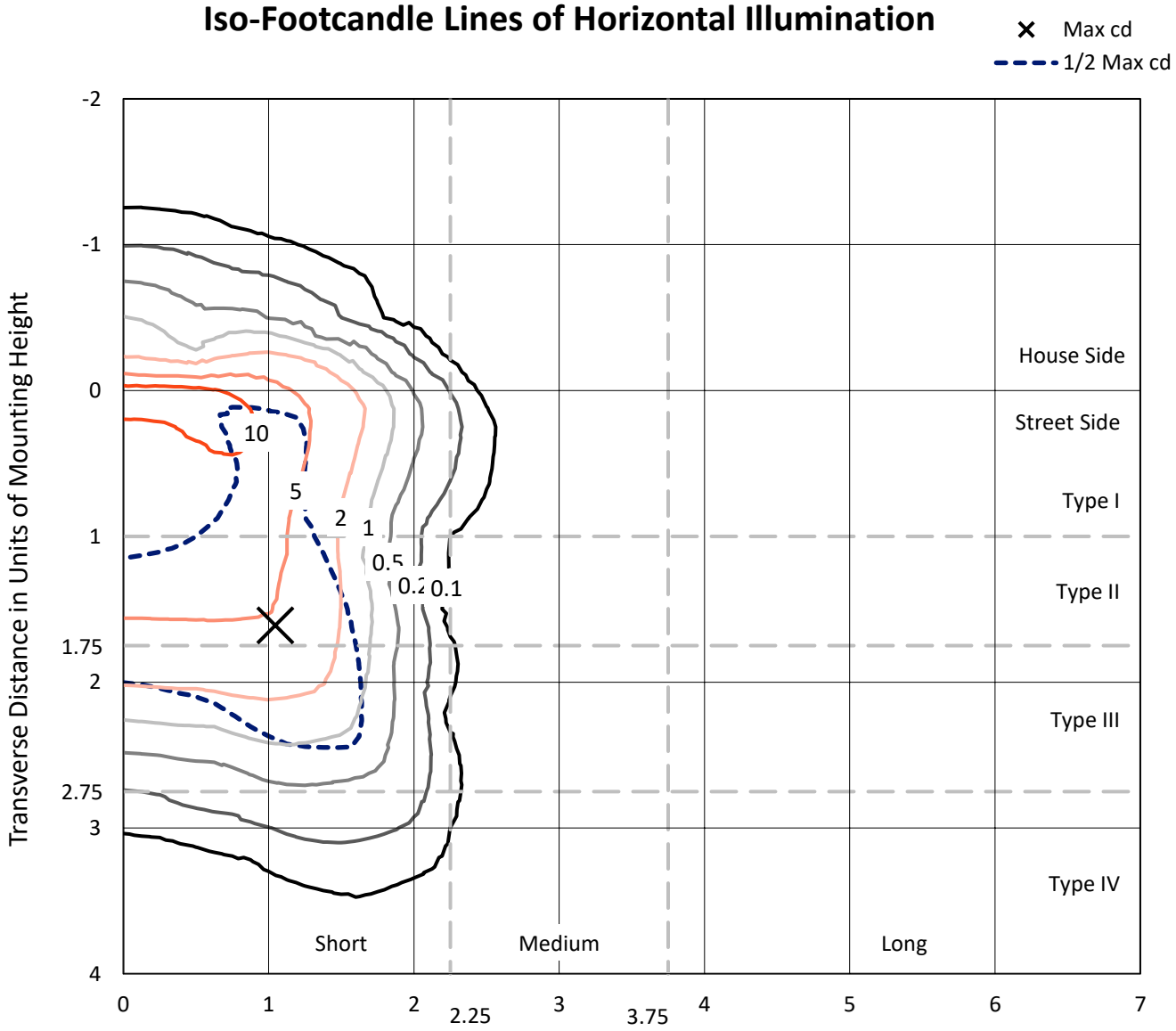
Input Watts (W):	52
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502647
CATALOG NUMBER: GSS-SB1C-827-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



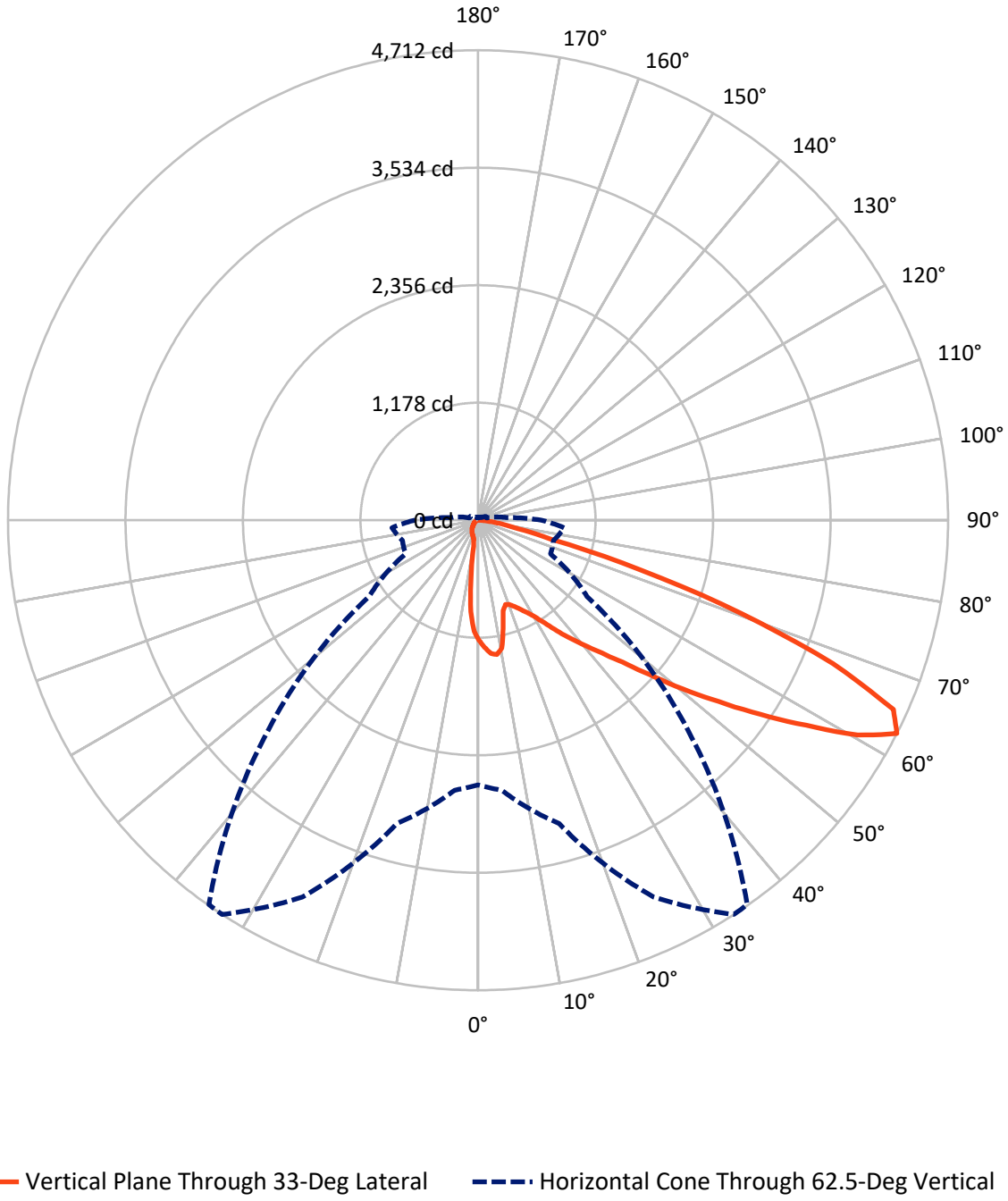
Based on 10 foot mounting height. Maximum calculated value = 14.4 fc
Type III - Short - N/A

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REPORT NUMBER: P1502647
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Luminous Intensity Polar Plot



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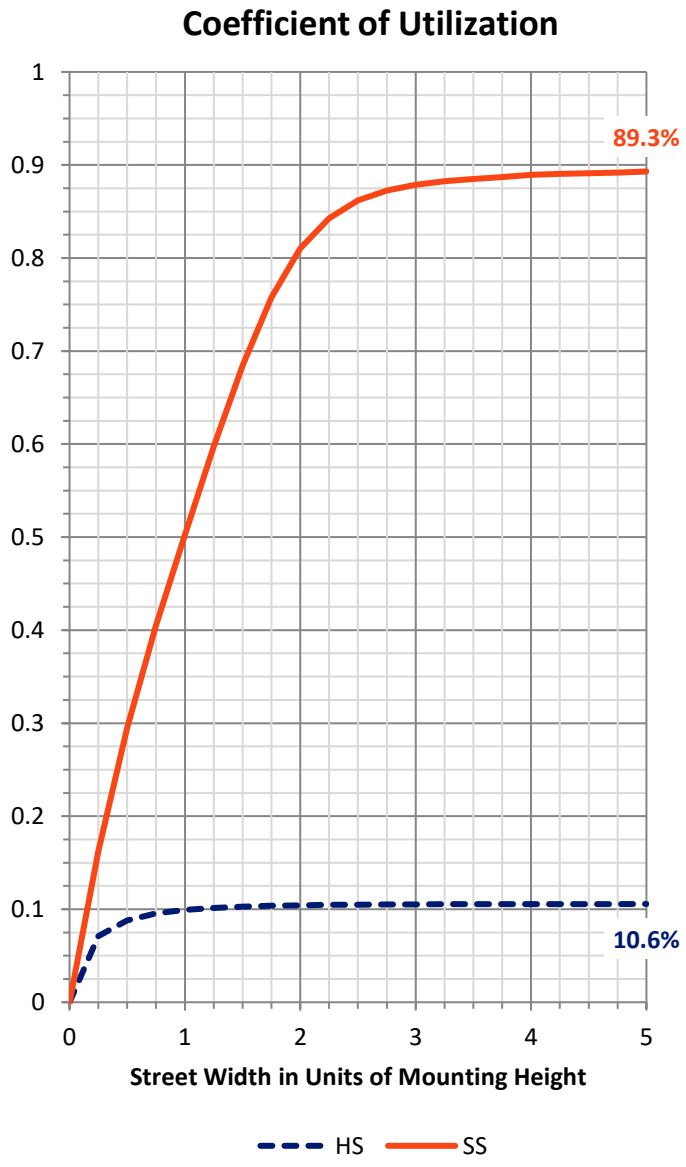
REPORT NUMBER: P1502647
CATALOG NUMBER: GSS-SB1C-827-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	504.8	0.0	504.8
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	4239.4	0.0	4239.4
	% Fixture	89.4	0.0	89.4
Total	Lumens	4744.2	0.0	4744.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.5	2.2
10°-20°	228.6	4.8
20°-30°	368.5	7.8
30°-40°	613.0	12.9
40°-50°	968.9	20.4
50°-60°	1301.7	27.4
60°-70°	955.5	20.1
70°-80°	189.1	4.0
80°-90°	16.4	0.3
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°	4744.2	100.0
0°-180°	4744.2	100.0



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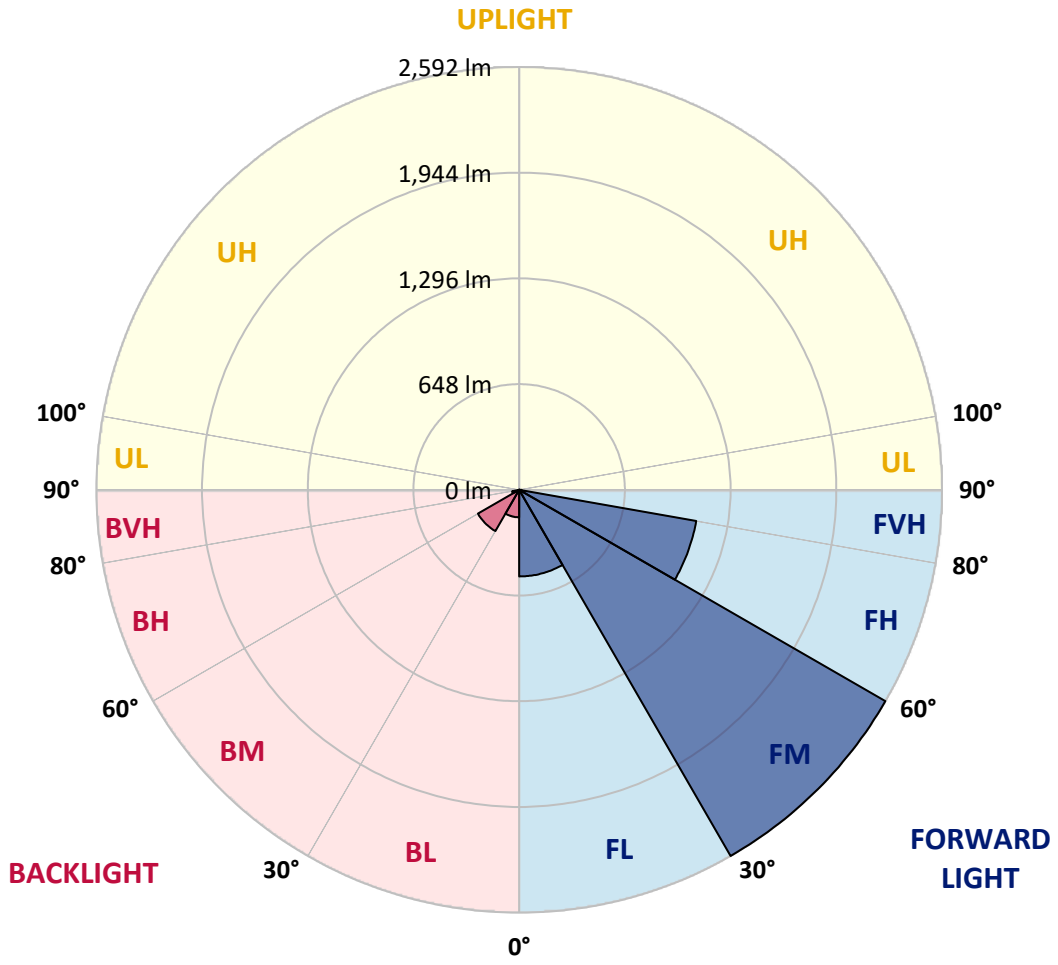
Scaled Data Report

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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°)	531.1	11.2			
FM	(30°-60°)	2591.5	54.6			
FH	(60°-80°)	1101.5	23.2			G1/1800
FVH	(80°-90°)	15.2	0.3			G1/100
BL	(0°-30°)	168.4	3.6	B1/500		
BM	(30°-60°)	292.0	6.2	B1/1000		
BH	(60°-80°)	43.1	0.9	B0/110		G0/110
BVH	(80°-90°)	1.2	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-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	1205.1	1205.1	1205.1	1205.1	*1205.1*	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1
2.5°	1283.9	1289.2	1289.2	1278.6	*1275.9*	1270.5	1265.2	1263.9	1246.5	1233.1	1219.8
5°	1349.4	1348.0	1346.7	1341.4	*1342.7*	1336.0	1332.0	1325.3	1295.9	1275.9	1239.8
7.5°	1321.3	1333.3	1338.7	1353.4	*1360.1*	1358.7	1369.4	1372.1	1346.7	1318.6	1263.9
10°	1138.3	1131.6	1179.7	1242.5	*1305.3*	1320.0	1377.4	1408.2	1398.8	1373.4	1302.6
12.5°	901.8	908.5	941.9	1015.4	*1118.2*	1150.3	1316.0	1437.5	1464.3	1448.2	1356.0
15°	825.7	825.7	843.0	877.8	*939.2*	969.9	1174.4	1433.5	1533.7	1535.1	1422.8
17.5°	809.6	812.3	827.0	849.7	*889.8*	903.1	1046.1	1374.8	1601.9	1625.9	1497.7
20°	812.3	816.3	832.3	864.4	*903.1*	919.2	1012.7	1299.9	1659.3	1724.8	1576.5
22.5°	821.6	820.3	848.4	891.1	*940.5*	955.2	1040.7	1269.2	1707.4	1838.3	1668.7
25°	832.3	833.7	869.7	929.9	*990.0*	1007.3	1103.5	1297.3	1742.2	1959.9	1762.2
27.5°	864.4	868.4	912.5	978.0	*1048.8*	1071.5	1185.0	1370.7	1802.3	2077.5	1863.7
30°	913.8	917.8	968.6	1047.4	*1123.6*	1158.3	1286.6	1462.9	1891.8	2213.8	1967.9
32.5°	971.3	976.6	1042.1	1132.9	*1225.1*	1258.5	1402.8	1603.2	2010.7	2352.7	2076.2
35°	1043.4	1058.1	1128.9	1237.1	*1361.4*	1393.5	1545.8	1762.2	2165.7	2477.0	2168.3
37.5°	1142.3	1154.3	1241.2	1376.1	*1501.7*	1544.4	1706.1	1929.2	2305.9	2587.8	2243.2
40°	1262.5	1273.2	1370.7	1517.7	*1648.6*	1684.7	1874.4	2097.5	2456.9	2649.3	2259.2
42.5°	1462.9	1492.3	1553.8	1678.0	*1818.3*	1863.7	2061.5	2260.5	2566.5	2661.3	2233.8
45°	1813.0	1822.3	1835.7	1894.5	*2029.4*	2069.5	2259.2	2402.1	2631.9	2664.0	2211.1
47.5°	2148.3	2180.4	2199.1	2225.8	*2307.3*	2322.0	2466.3	2529.1	2684.0	2654.6	2211.1
50°	2483.6	2507.7	2539.8	2571.8	*2658.7*	2664.0	2685.4	2614.6	2686.7	2578.5	2197.7
52.5°	2788.2	2796.3	2851.0	2912.5	*3020.7*	3050.1	2888.4	2677.4	2525.1	2338.0	2134.9
55°	3060.8	3071.5	3154.3	3279.9	*3434.9*	3473.6	3136.9	2555.8	2179.0	2026.7	1989.3
57.5°	3237.1	3262.5	3428.2	3704.7	*3879.8*	3862.4	3329.3	2271.2	1750.2	1658.0	1731.5
60°	3149.0	3183.7	3532.4	4061.5	*4372.8*	4322.0	3275.9	1869.1	1293.3	1226.5	1370.7
62.5°	*2653.3*	*2717.4*	*3149.0*	*4167.0*	*4712.1*	*4704.1*	*2974.0*	*1333.3*	*801.6*	*784.2*	*865.7*
65°	1845.0	1955.9	2467.6	3814.3	*4575.8*	4587.8	2503.7	776.2	371.4	460.9	506.3
67.5°	1087.5	1166.3	1589.8	3114.2	*3839.7*	3728.8	1702.1	359.4	185.7	280.6	268.5
70°	478.3	531.7	911.2	2157.7	*2797.6*	2618.6	831.0	175.0	141.6	169.7	148.3
72.5°	263.2	287.2	479.6	1139.6	*1702.1*	1617.9	280.6	116.2	121.6	126.9	106.9
75°	147.0	157.6	252.5	658.7	*748.2*	696.1	136.3	76.2	102.9	102.9	78.8
77.5°	85.5	94.9	157.6	410.2	*410.2*	331.3	82.8	48.1	77.5	69.5	42.8
80°	40.1	45.4	86.8	227.1	*259.2*	213.8	46.8	33.4	50.8	44.1	28.1
82.5°	12.0	14.7	42.8	88.2	*147.0*	125.6	24.0	21.4	37.4	28.1	16.0
85°	8.0	9.4	21.4	36.1	*72.1*	62.8	8.0	6.7	16.0	13.4	6.7
87.5°	1.3	1.3	2.7	2.7	*2.7*	2.7	1.3	1.3	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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Scaled Data Report

REPORT NUMBER: P1502647
CATALOG NUMBER: GSS-SB1C-827-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1	1205.1
2.5°	1211.8	1202.4	1181.0	1161.0	1150.3	1126.3	1116.9	1106.2	1100.9	1099.5	1091.5
5°	1217.1	1199.7	1146.3	1092.9	1036.7	983.3	928.5	880.4	841.7	843.0	844.4
7.5°	1233.1	1198.4	1104.9	998.0	877.8	738.8	590.5	479.6	408.8	394.1	380.8
10°	1254.5	1203.7	1054.1	856.4	619.9	390.1	275.2	235.1	217.8	213.8	215.1
12.5°	1294.6	1217.1	990.0	661.3	343.4	224.4	199.1	192.4	189.7	189.7	189.7
15°	1344.0	1235.8	889.8	432.9	224.4	187.0	181.7	180.4	177.7	177.7	179.0
17.5°	1385.4	1235.8	757.5	281.9	184.4	173.7	169.7	168.3	168.3	169.7	168.3
20°	1430.9	1226.5	609.2	212.4	171.0	161.7	159.0	159.0	159.0	160.3	160.3
22.5°	1477.6	1210.4	471.6	181.7	159.0	151.0	149.6	151.0	152.3	153.6	153.6
25°	1529.7	1190.4	372.7	168.3	148.3	141.6	141.6	141.6	143.0	145.6	147.0
27.5°	1587.2	1173.0	319.3	160.3	138.9	132.3	132.3	133.6	136.3	137.6	138.9
30°	1640.6	1173.0	301.9	164.3	134.9	126.9	124.2	125.6	128.3	130.9	130.9
32.5°	1707.4	1186.4	311.3	181.7	133.6	118.9	116.2	116.2	118.9	120.2	120.2
35°	1763.5	1211.8	343.4	205.7	138.9	112.2	106.9	105.5	108.2	106.9	108.2
37.5°	1809.0	1246.5	402.1	237.8	149.6	104.2	97.5	93.5	93.5	93.5	93.5
40°	1822.3	1281.2	477.0	259.2	148.3	94.9	85.5	81.5	80.2	78.8	78.8
42.5°	1803.6	1297.3	537.1	257.8	132.3	88.2	76.2	70.8	66.8	65.5	65.5
45°	1788.9	1305.3	558.5	224.4	120.2	80.2	68.1	61.5	57.4	56.1	54.8
47.5°	1790.2	1313.3	526.4	183.0	109.6	73.5	61.5	54.8	50.8	49.4	48.1
50°	1795.6	1299.9	446.2	152.3	100.2	66.8	54.8	49.4	45.4	44.1	42.8
52.5°	1739.5	1229.1	314.0	133.6	92.2	62.8	49.4	45.4	41.4	40.1	40.1
55°	1592.5	1059.5	212.4	118.9	85.5	57.4	45.4	42.8	38.7	36.1	36.1
57.5°	1357.4	798.9	147.0	108.2	74.8	52.1	42.8	38.7	34.7	32.1	32.1
60°	1038.1	521.0	106.9	98.9	61.5	48.1	40.1	37.4	32.1	29.4	28.1
62.5°	*631.9*	*292.6*	*86.8*	*86.8*	*52.1*	*45.4*	*36.1*	*33.4*	*28.1*	*24.0*	*22.7*
65°	366.1	172.3	70.8	73.5	45.4	41.4	32.1	28.1	22.7	18.7	17.4
67.5°	176.4	100.2	56.1	52.1	40.1	34.7	28.1	24.0	20.0	16.0	14.7
70°	108.2	77.5	42.8	37.4	32.1	26.7	22.7	21.4	17.4	13.4	13.4
72.5°	88.2	62.8	33.4	26.7	24.0	18.7	18.7	17.4	13.4	10.7	9.4
75°	69.5	46.8	25.4	18.7	14.7	14.7	13.4	12.0	10.7	8.0	8.0
77.5°	37.4	32.1	18.7	10.7	8.0	9.4	9.4	8.0	6.7	5.3	5.3
80°	24.0	18.7	10.7	5.3	5.3	5.3	5.3	4.0	4.0	2.7	2.7
82.5°	12.0	9.4	5.3	1.3	2.7	2.7	2.7	2.7	2.7	1.3	1.3
85°	2.7	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
87.5°	0.0	0.0	0.0	0.0	0.0	1.3	1.3	1.3	1.3	1.3	1.3
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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

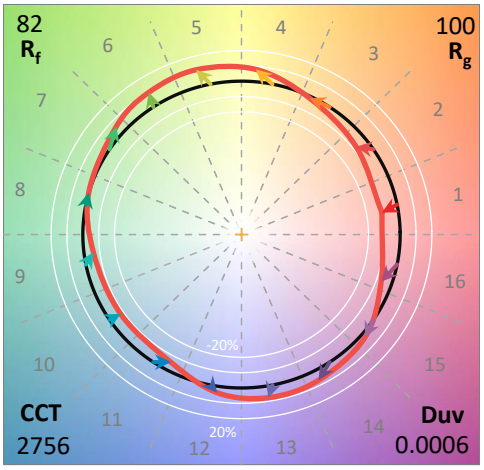
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-8
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-827-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2756
CIE u':	0.2599
CIE v':	0.5271
Duv:	0.0006
CIE x:	0.4563
CIE y:	0.4112
CIE z:	0.1325
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	583
Purity:	60.41121
Rf:	82.2
Rg:	99.9

CRI (Ra):	82.9
R1:	81.6
R2:	88.8
R3:	96.0
R4:	83.4
R5:	81.4
R6:	87.0
R7:	84.0
R8:	60.8
R9:	10.8
R10:	74.8
R11:	84.3
R12:	72.1
R13:	82.9
R14:	97.3
R15:	73.7



Test Conditions

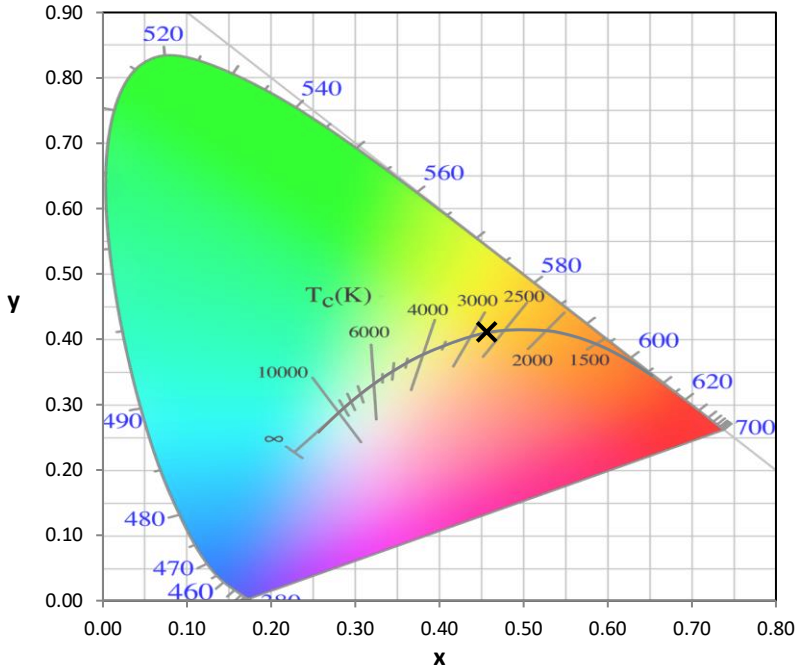
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

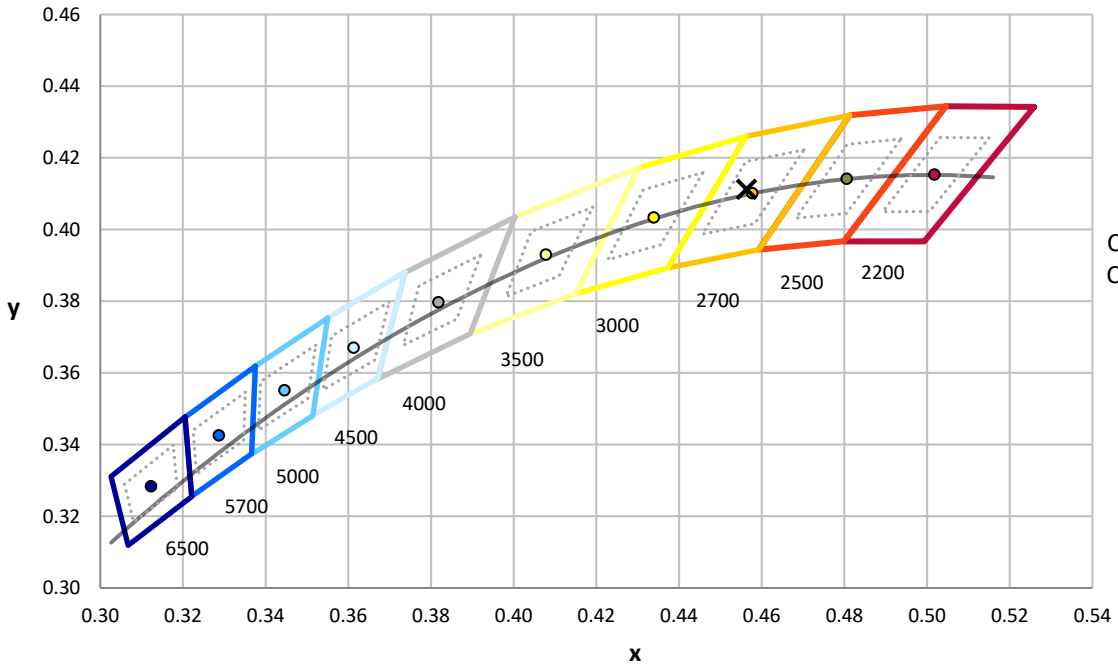
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram



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

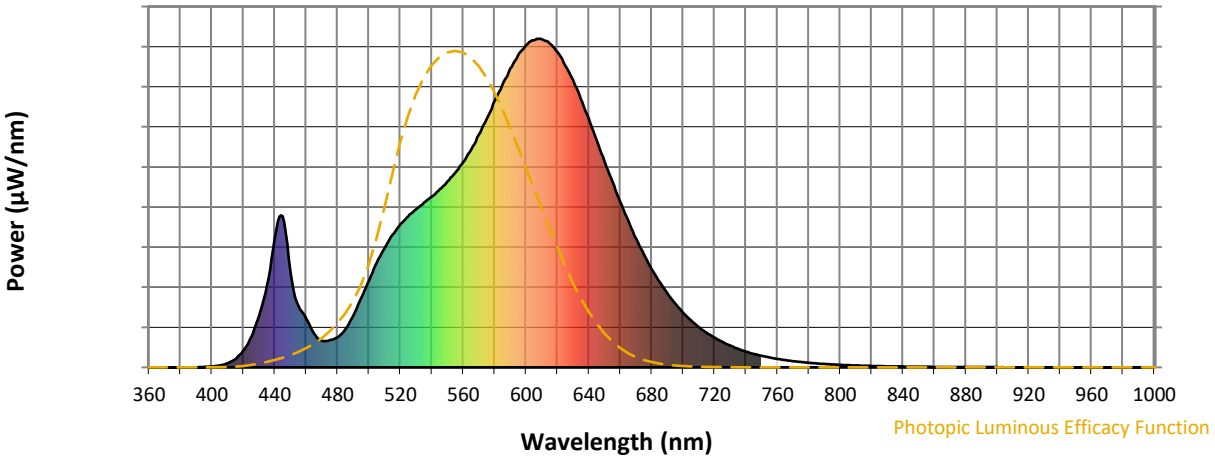


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

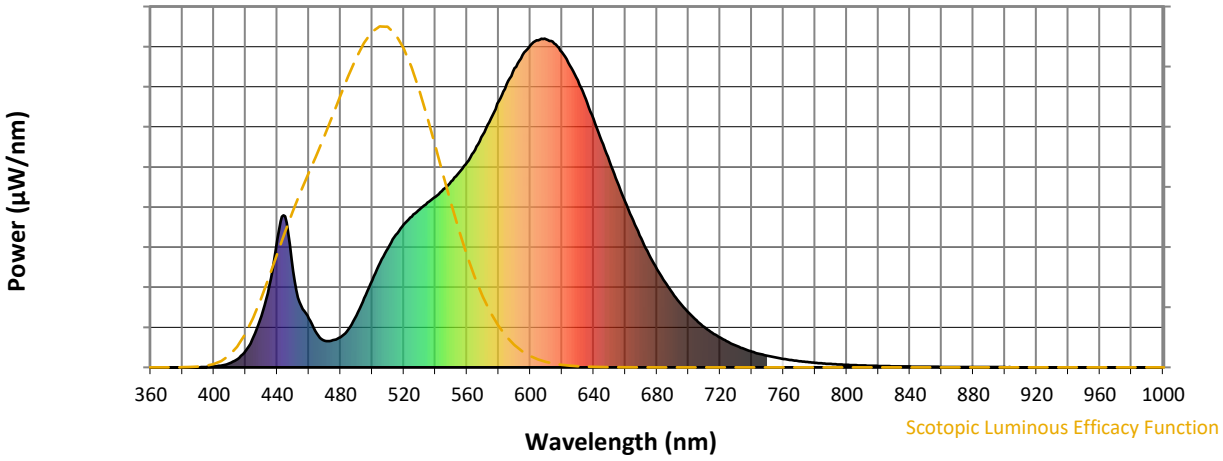


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

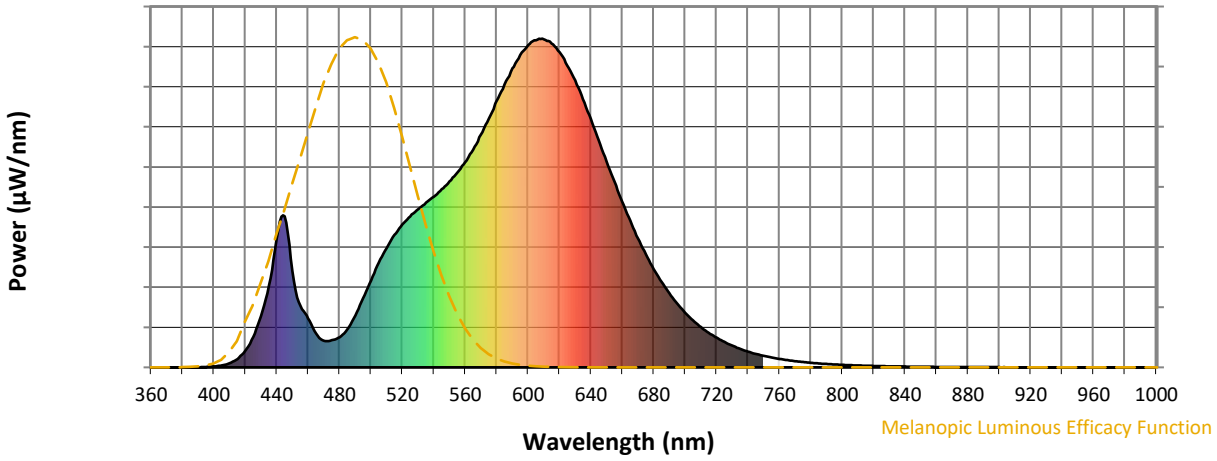


Scotopic Lumens: NR **S/P: 1.2**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.16**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

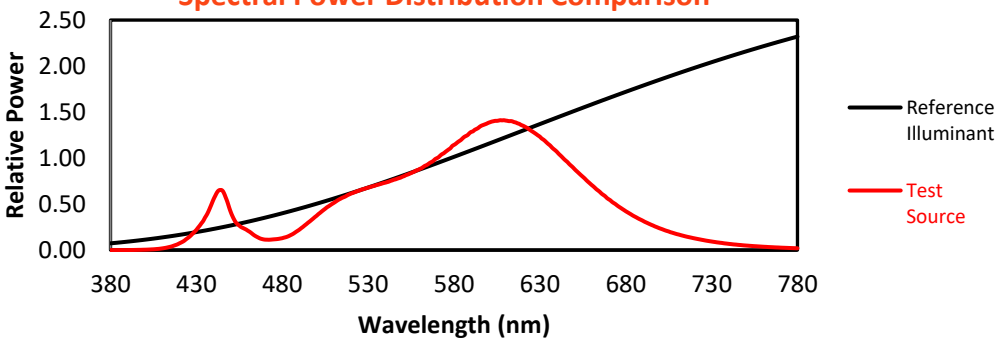
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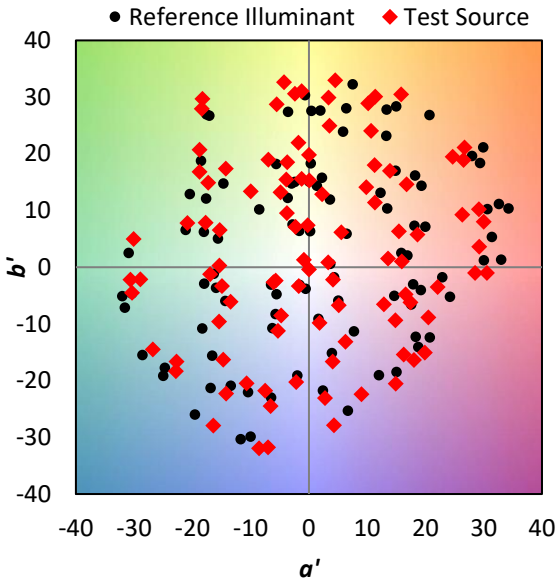
Summary

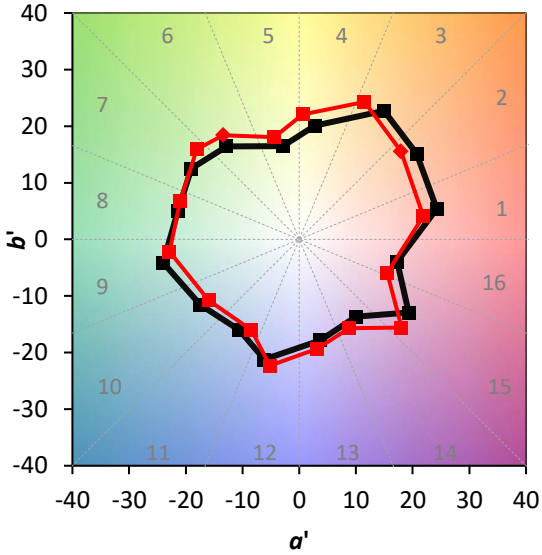
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R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

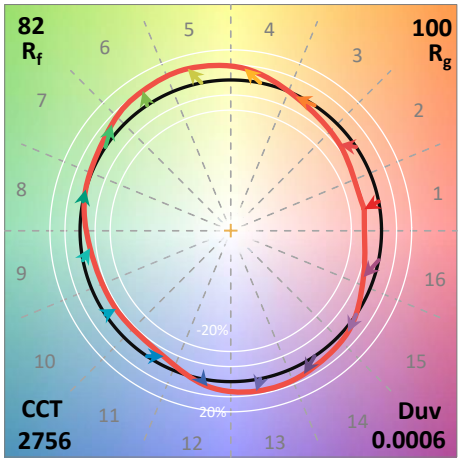
Spectral Power Distribution Comparison

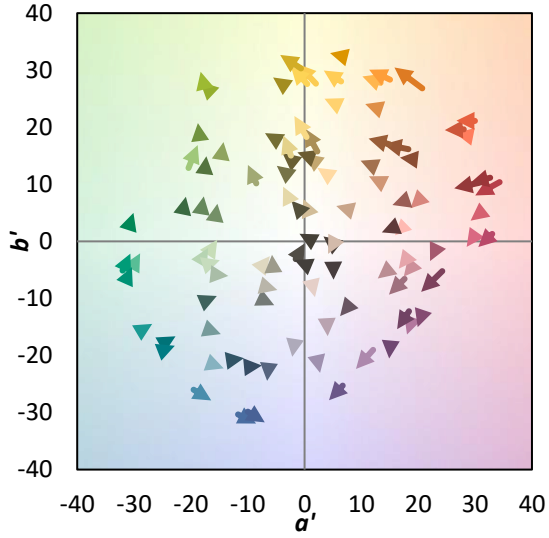


Color Vector Graphics







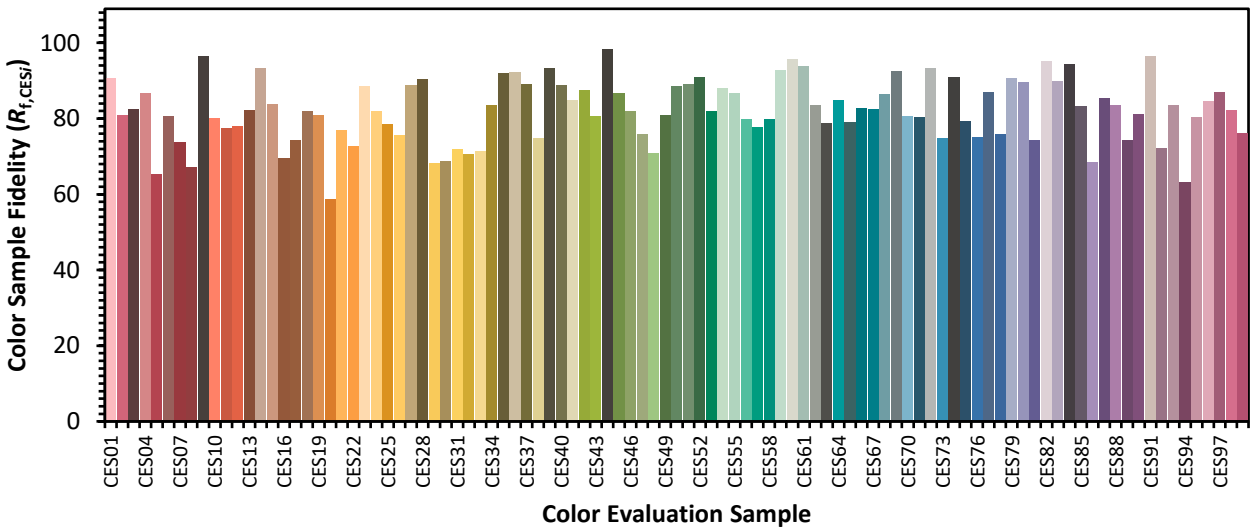


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Individual Sample Fidelity Index ($R_{f,i}$)

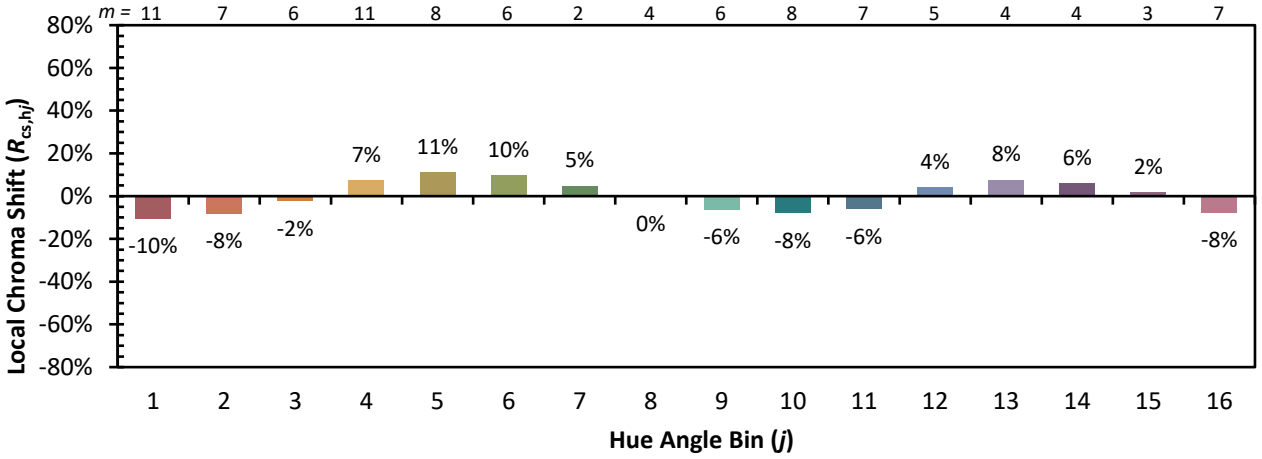
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CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	

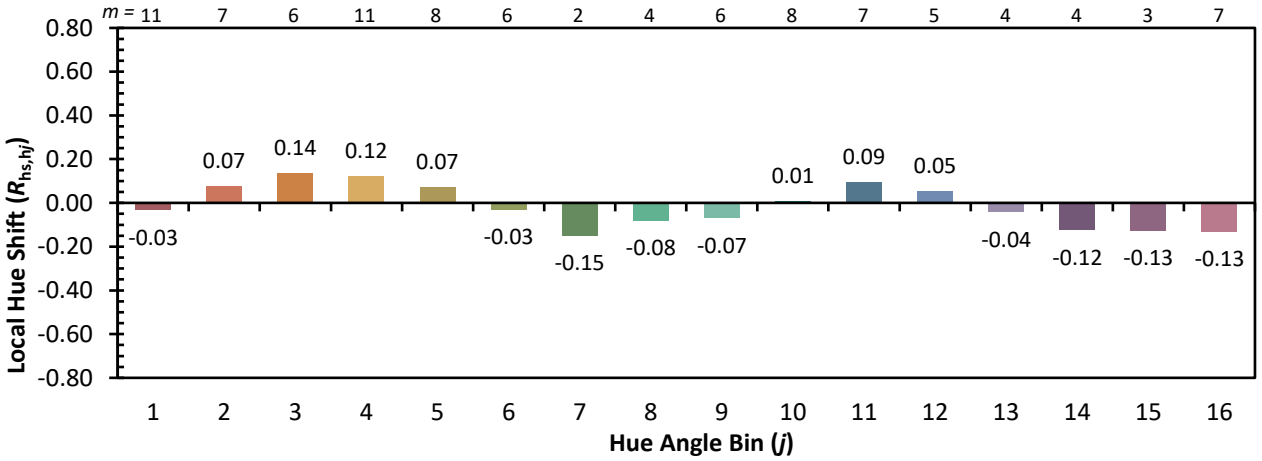


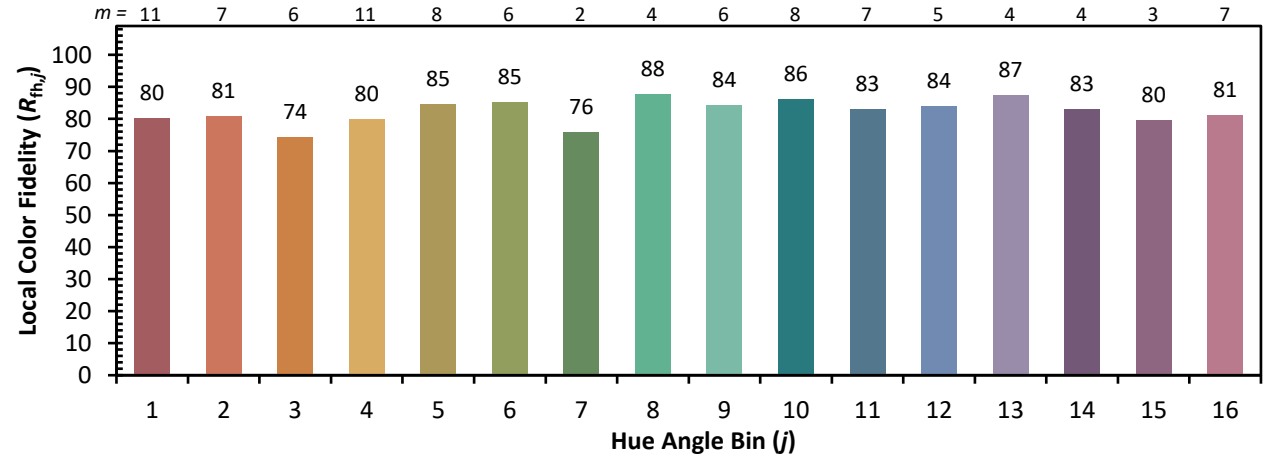
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Color Rendition by Hue-Angle Bin



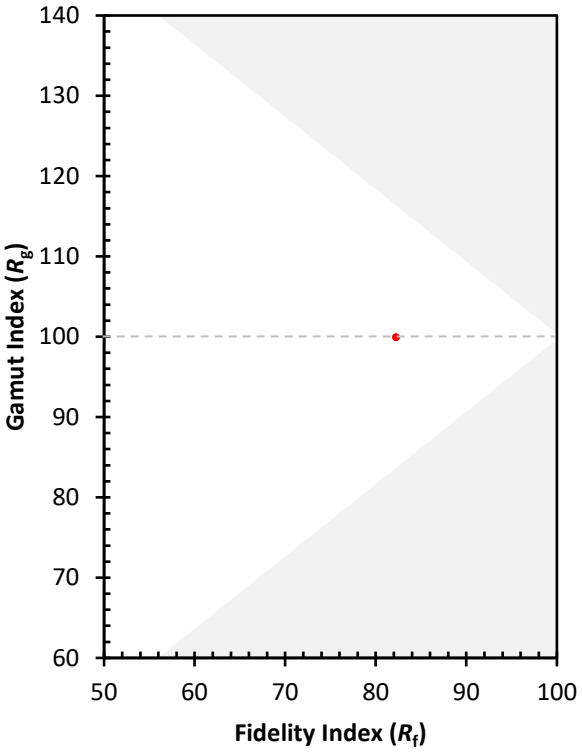


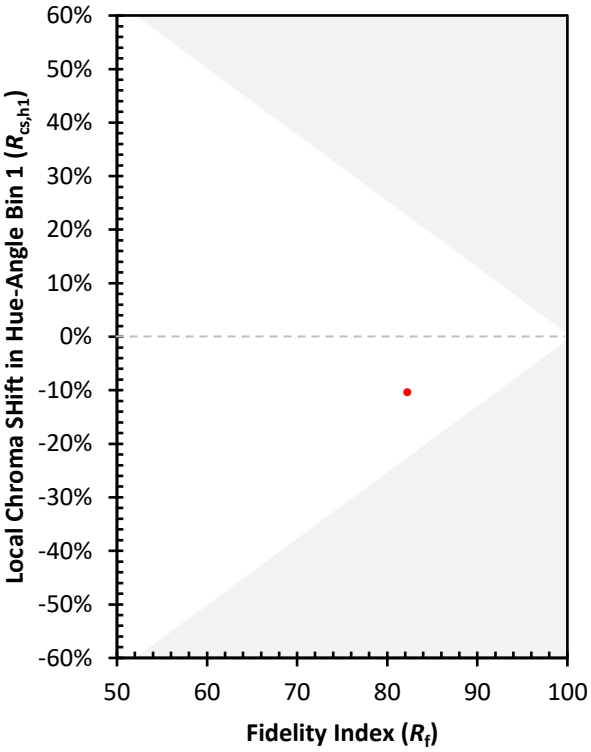


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Measure Comparisons





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