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: P1502333

Luminaire Tested: GSS-SB1A-840-U-T3LG-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:	P1502333
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1A-840-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 31W 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(26) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3260.6 lumens
Efficiency:	N/A
Efficacy:	105.2 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

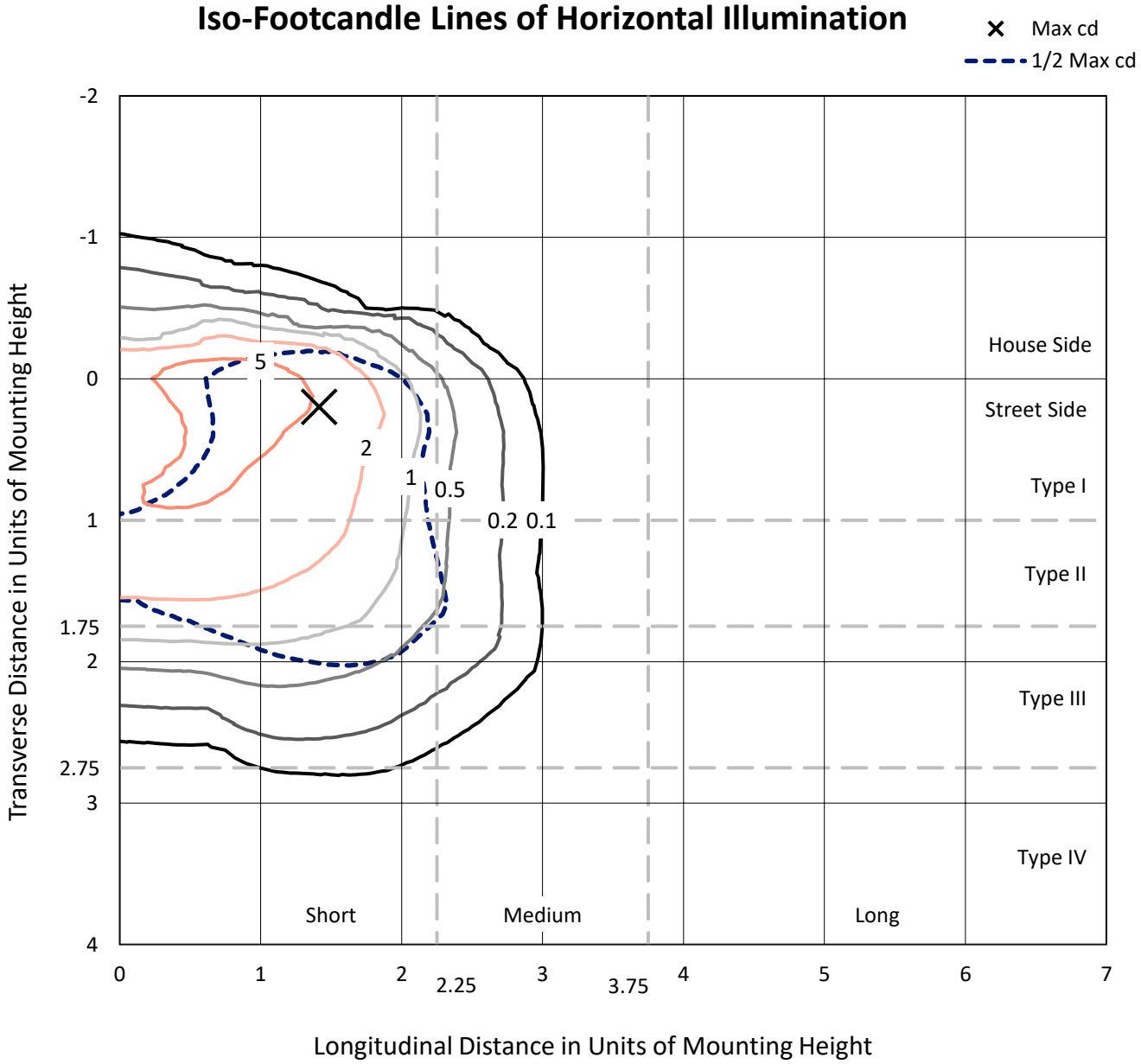
Input Watts (W):	31
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.4%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502333
CATALOG NUMBER: GSS-SB1A-840-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



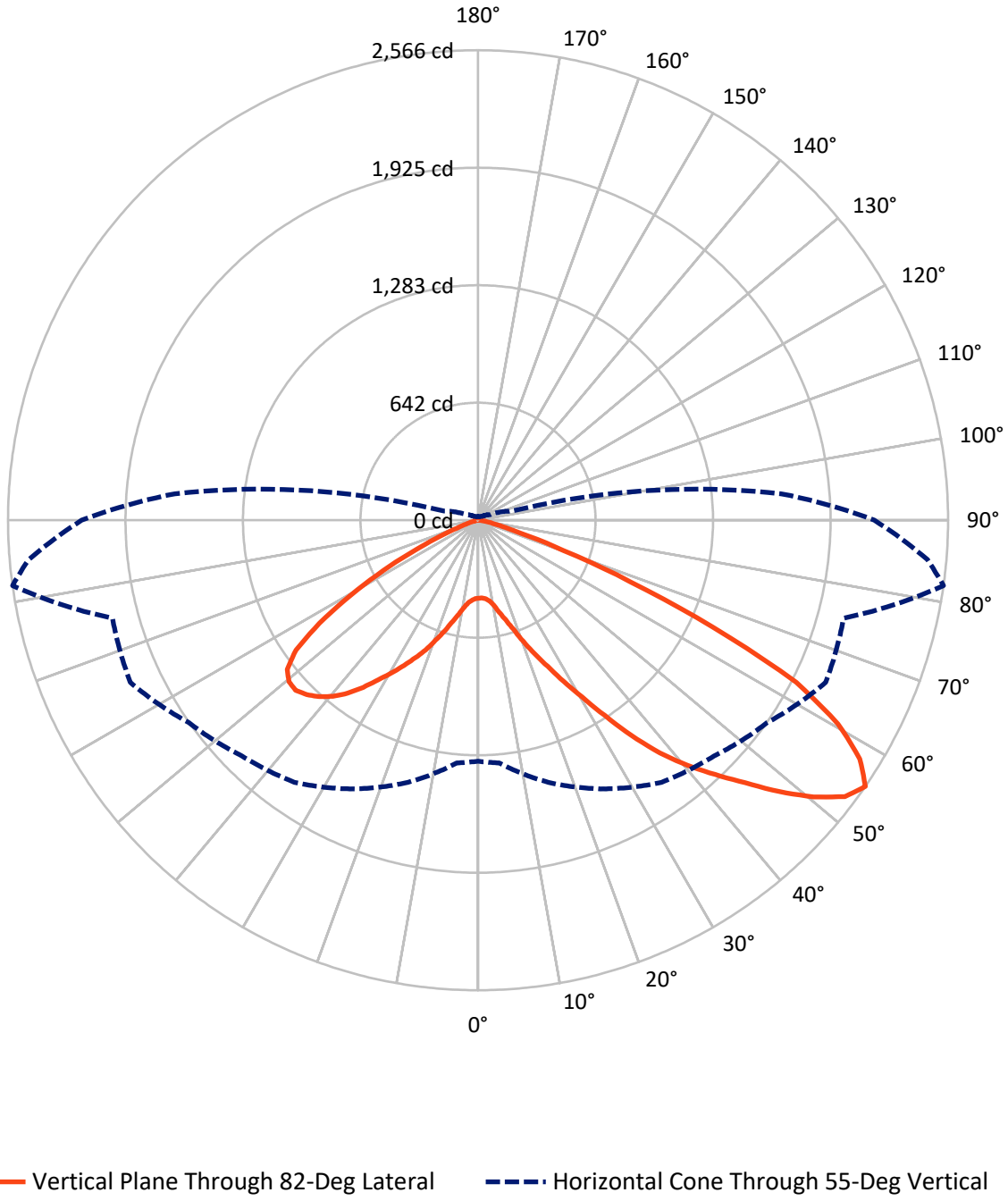
Based on 10 foot mounting height. Maximum calculated value = 8 fc
Type III - Short - N/A

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REPORT NUMBER: P1502333
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Luminous Intensity Polar Plot



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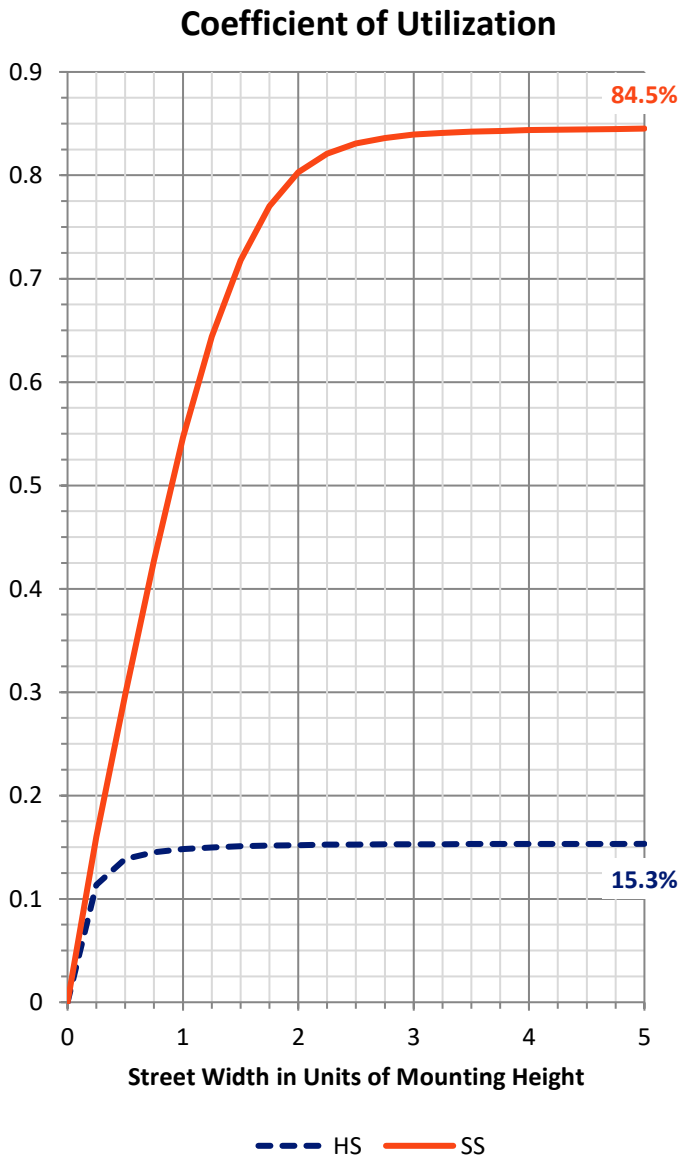
REPORT NUMBER: P1502333
CATALOG NUMBER: GSS-SB1A-840-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	504.0	0.0	504.0
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	2756.6	0.0	2756.6
	% Fixture	84.5	0.0	84.5
Total	Lumens	3260.6	0.0	3260.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.6	1.2
10°-20°	104.5	3.2
20°-30°	208.8	6.4
30°-40°	432.4	13.3
40°-50°	722.4	22.2
50°-60°	916.2	28.1
60°-70°	684.9	21.0
70°-80°	145.1	4.4
80°-90°	7.8	0.2
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°	3260.6	100.0
0°-180°	3260.6	100.0



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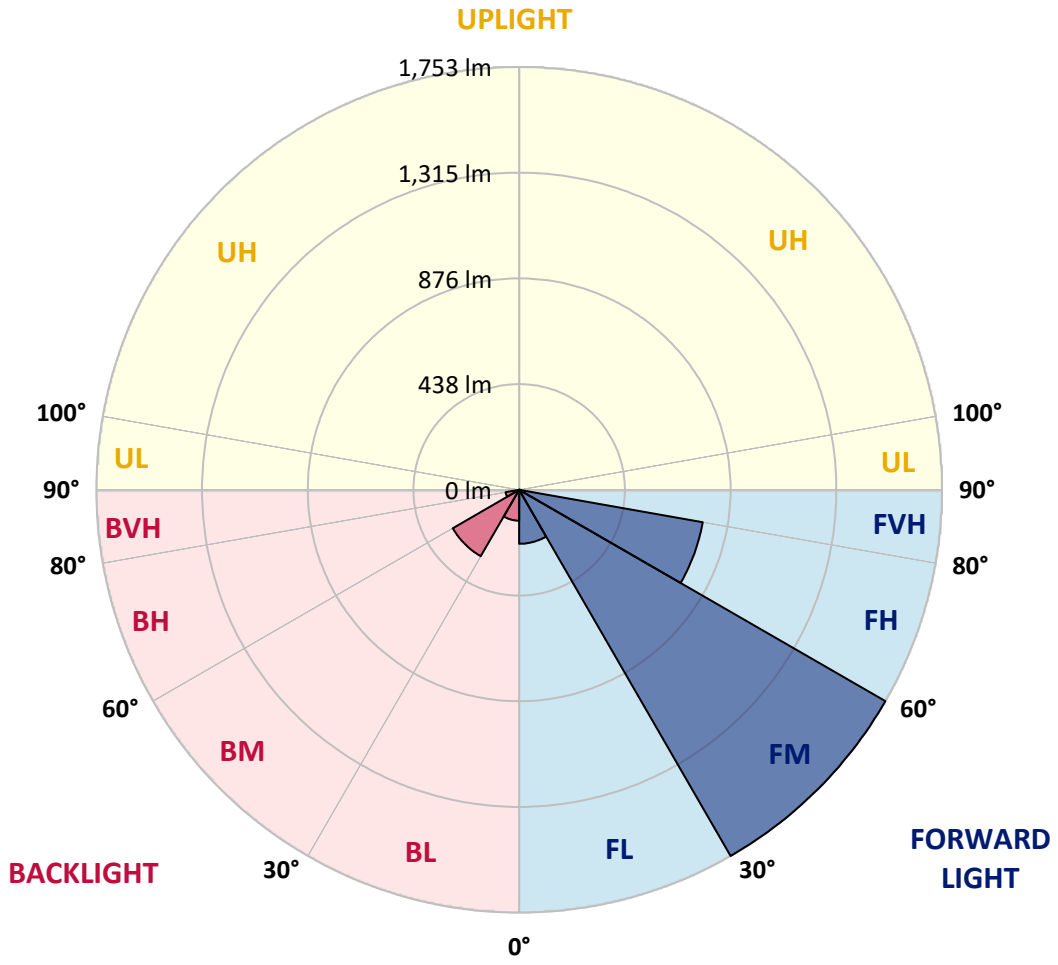
Scaled Data Report

REPORT NUMBER: P1502333
CATALOG NUMBER: GSS-SB1A-840-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	223.9	6.9			
FM	(30°-60°)	1752.9	53.8			
FH	(60°-80°)	772.7	23.7			G1/1800
FVH	(80°-90°)	7.0	0.2			G0/10
BL	(0°-30°)	127.9	3.9	B1/500		
BM	(30°-60°)	318.0	9.8	B1/1000		
BH	(60°-80°)	57.2	1.8	B0/110		G0/110
BVH	(80°-90°)	0.8	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°	35°	45°	55°	65°	75°	82°	85°
0°	425.7	425.7	425.7	425.7	425.7	425.7	425.7	425.7	425.7	*425.7*	425.7
2.5°	414.2	415.0	413.3	414.2	415.9	415.0	418.6	421.2	423.9	*424.8*	425.7
5°	377.9	378.8	379.6	386.7	391.2	401.8	411.5	417.7	426.6	*431.0*	431.9
7.5°	334.5	334.5	338.1	346.9	358.4	378.8	400.9	418.6	435.4	*444.3*	446.0
10°	326.6	327.4	327.4	333.6	343.4	363.7	392.0	427.4	457.5	*470.8*	475.2
12.5°	328.3	329.2	330.1	336.3	346.0	363.7	400.0	446.0	492.9	*515.0*	517.7
15°	332.7	334.5	337.2	345.1	355.8	378.8	416.8	472.6	535.4	*563.7*	570.8
17.5°	346.0	346.9	351.3	360.2	377.0	400.0	441.6	507.1	594.7	*625.7*	638.9
20°	366.4	368.1	374.3	386.7	406.2	435.4	481.4	552.2	658.4	*706.2*	716.8
22.5°	392.0	392.0	400.9	420.4	447.8	480.5	536.3	612.4	736.3	*792.0*	809.7
25°	434.5	433.6	440.7	462.8	495.6	543.4	600.0	684.1	817.7	*884.1*	902.7
27.5°	531.9	529.2	526.6	527.4	555.8	616.8	682.3	774.3	918.6	*996.5*	1010.6
30°	645.1	648.7	645.1	636.3	640.7	697.3	778.8	885.0	1031.9	*1119.5*	1138.1
32.5°	744.3	746.0	761.1	770.8	774.3	800.9	890.3	1018.6	1176.1	*1271.7*	1295.6
35°	852.2	854.9	871.7	892.0	923.9	947.8	1030.1	1173.5	1323.0	*1443.4*	1461.1
37.5°	977.9	982.3	1004.4	1033.6	1077.9	1132.8	1177.0	1314.2	1472.6	*1611.5*	1630.1
40°	1088.5	1102.7	1140.7	1177.9	1224.8	1286.7	1315.9	1437.2	1583.2	*1760.2*	1791.2
42.5°	1192.9	1200.9	1262.0	1319.5	1375.2	1425.7	1454.0	1533.6	1681.4	*1898.2*	1932.8
45°	1279.7	1285.8	1354.0	1430.1	1499.1	1549.6	1554.0	1627.4	1778.8	*2044.3*	2070.8
47.5°	1332.8	1342.5	1430.1	1516.8	1592.9	1639.8	1632.8	1746.9	1885.0	*2214.2*	2217.7
50°	1364.6	1370.8	1460.2	1572.6	1666.4	1699.1	1714.2	1861.1	1981.4	*2375.2*	2354.0
52.5°	1387.6	1397.4	1485.0	1604.4	1709.7	1754.0	1808.0	1989.4	2057.5	*2507.1*	2450.5
55°	*1315.9*	*1330.1*	*1481.4*	*1618.6*	*1746.9*	*1821.2*	*1927.4*	*2094.7*	*2066.4*	*2566.4*	*2462.8*
57.5°	1235.4	1238.1	1387.6	1614.2	1788.5	1892.0	2037.2	2102.7	1984.1	*2458.4*	2337.2
60°	1116.8	1132.8	1285.8	1556.6	1795.6	1948.7	2111.5	2006.2	1833.6	*2258.4*	2076.1
62.5°	784.1	808.9	1008.9	1405.3	1745.1	1979.7	2099.1	1838.1	1645.1	*1949.6*	1745.1
65°	438.9	460.2	623.9	1133.6	1606.2	1972.6	1971.7	1613.3	1342.5	*1408.9*	1247.8
67.5°	240.7	257.5	323.9	853.1	1274.3	1821.2	1703.5	1231.0	900.0	*894.7*	778.8
70°	168.1	169.0	204.4	576.1	915.9	1270.8	1331.9	825.7	558.4	*493.8*	416.8
72.5°	82.3	83.2	101.8	271.7	560.2	704.4	913.3	429.2	313.3	*245.1*	208.9
75°	41.6	40.7	55.8	101.8	231.9	343.4	402.7	215.0	182.3	*134.5*	119.5
77.5°	26.5	27.4	32.7	55.8	104.4	133.6	123.9	116.8	107.1	*78.8*	68.1
80°	17.7	17.7	22.1	35.4	51.3	63.7	38.1	54.0	62.8	*46.0*	39.8
82.5°	5.3	5.3	13.3	19.5	24.8	25.7	16.8	24.8	35.4	*25.7*	19.5
85°	3.5	3.5	7.1	9.7	10.6	8.8	5.3	10.6	16.8	*11.5*	9.7
87.5°	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9	*0.9*	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: P1502333
CATALOG NUMBER: GSS-SB1A-840-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	425.7	425.7	425.7	425.7	425.7	425.7	425.7	425.7	425.7	425.7	425.7
2.5°	426.6	427.4	430.1	431.0	432.7	433.6	433.6	433.6	432.7	433.6	435.4
5°	433.6	438.1	441.6	440.7	440.7	436.3	432.7	425.7	422.1	421.2	422.1
7.5°	451.3	454.9	458.4	453.1	439.8	419.5	397.3	379.6	364.6	357.5	360.2
10°	483.2	487.6	487.6	462.8	425.7	377.9	338.1	305.3	280.5	267.3	273.5
12.5°	529.2	532.7	523.9	471.7	400.9	322.1	255.8	200.9	169.0	153.1	149.6
15°	582.3	587.6	557.5	469.9	361.9	240.7	159.3	119.5	108.0	104.4	105.3
17.5°	650.4	653.1	594.7	455.8	294.7	157.5	113.3	101.8	99.1	97.3	97.3
20°	734.5	726.6	624.8	431.9	215.0	123.9	104.4	95.6	92.9	92.0	92.9
22.5°	824.8	812.4	649.6	386.7	162.8	116.8	100.0	90.3	86.7	85.8	85.8
25°	919.5	891.2	669.0	320.4	152.2	115.0	94.7	82.3	78.8	77.0	77.0
27.5°	1027.4	978.8	679.7	268.1	154.9	112.4	88.5	75.2	69.9	68.1	68.1
30°	1146.9	1076.1	680.5	257.5	160.2	108.9	82.3	67.3	61.9	59.3	60.2
32.5°	1292.0	1175.2	677.9	274.3	163.7	106.2	75.2	59.3	54.9	52.2	52.2
35°	1442.5	1295.6	667.3	306.2	165.5	98.2	66.4	52.2	46.9	46.0	46.9
37.5°	1592.0	1409.7	652.2	323.9	156.6	80.5	54.0	45.1	41.6	41.6	41.6
40°	1728.3	1508.9	631.9	308.9	124.8	58.4	44.2	38.9	37.2	36.3	37.2
42.5°	1830.1	1597.4	594.7	260.2	88.5	46.9	38.9	34.5	32.7	32.7	33.6
45°	1941.6	1682.3	523.0	191.2	67.3	40.7	33.6	30.1	29.2	29.2	30.1
47.5°	2054.0	1750.5	454.0	127.4	58.4	36.3	30.1	27.4	26.5	25.7	26.5
50°	2139.8	1783.2	363.7	92.9	53.1	32.7	27.4	25.7	23.9	23.0	23.0
52.5°	2200.9	1774.3	266.4	79.6	48.7	30.1	25.7	23.9	21.2	21.2	21.2
55°	*2163.7*	*1661.1*	*192.0*	*71.7*	*45.1*	*28.3*	*24.8*	*22.1*	*20.4*	*19.5*	*19.5*
57.5°	1983.2	1415.9	138.9	64.6	39.8	26.5	23.9	21.2	18.6	17.7	17.7
60°	1723.9	1102.7	103.5	56.6	34.5	25.7	21.2	20.4	17.7	15.9	15.9
62.5°	1408.9	802.7	80.5	48.7	31.0	22.1	20.4	18.6	15.9	14.2	13.3
65°	977.9	512.4	61.9	39.8	29.2	19.5	18.6	15.9	13.3	10.6	10.6
67.5°	603.5	304.4	47.8	31.0	23.0	16.8	15.9	14.2	11.5	8.8	8.8
70°	333.6	161.1	32.7	23.0	17.7	13.3	12.4	12.4	9.7	8.0	7.1
72.5°	160.2	87.6	22.1	19.5	13.3	8.8	9.7	9.7	8.0	6.2	6.2
75°	96.5	52.2	15.0	15.0	8.8	7.1	7.1	8.0	6.2	4.4	4.4
77.5°	54.9	31.0	8.8	11.5	6.2	4.4	5.3	4.4	3.5	2.7	2.7
80°	31.0	17.7	5.3	8.0	3.5	2.7	2.7	1.8	1.8	0.9	0.9
82.5°	15.0	9.7	2.7	2.7	1.8	0.9	0.9	0.9	0.9	0.0	0.0
85°	7.1	1.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0
87.5°	0.0	0.0	0.0	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: SP1-2407-184-11

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

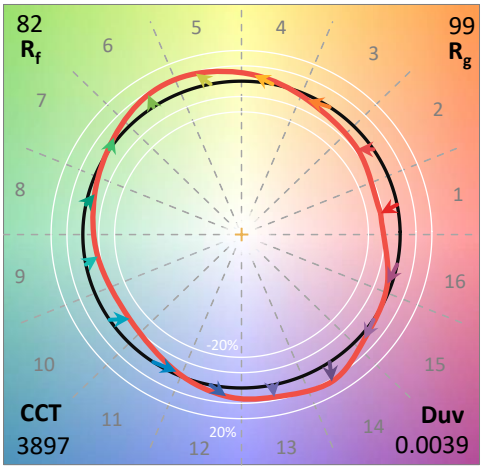
Test Information

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

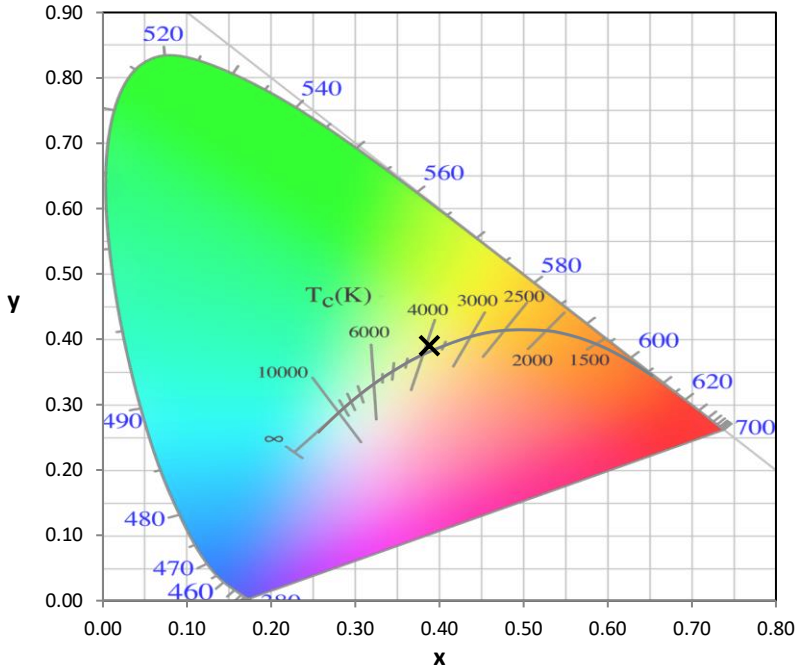
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

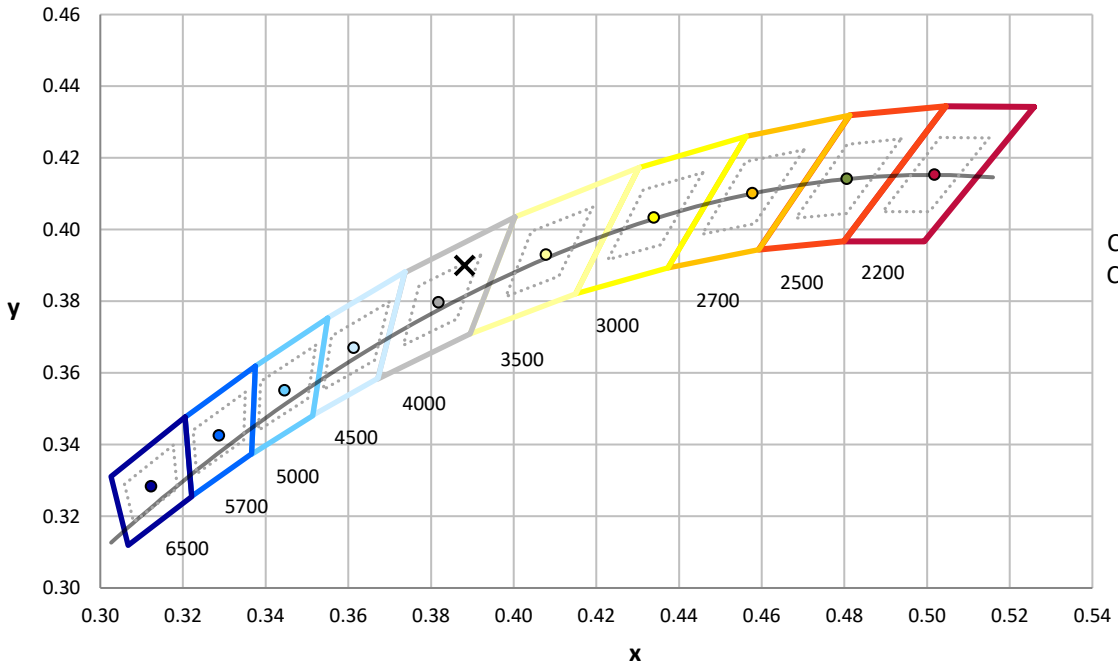
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

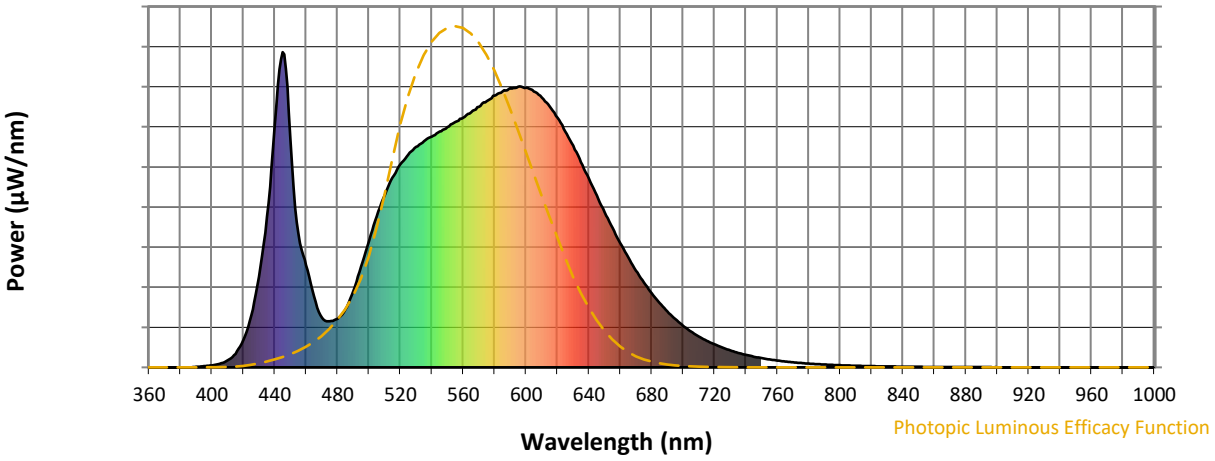


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

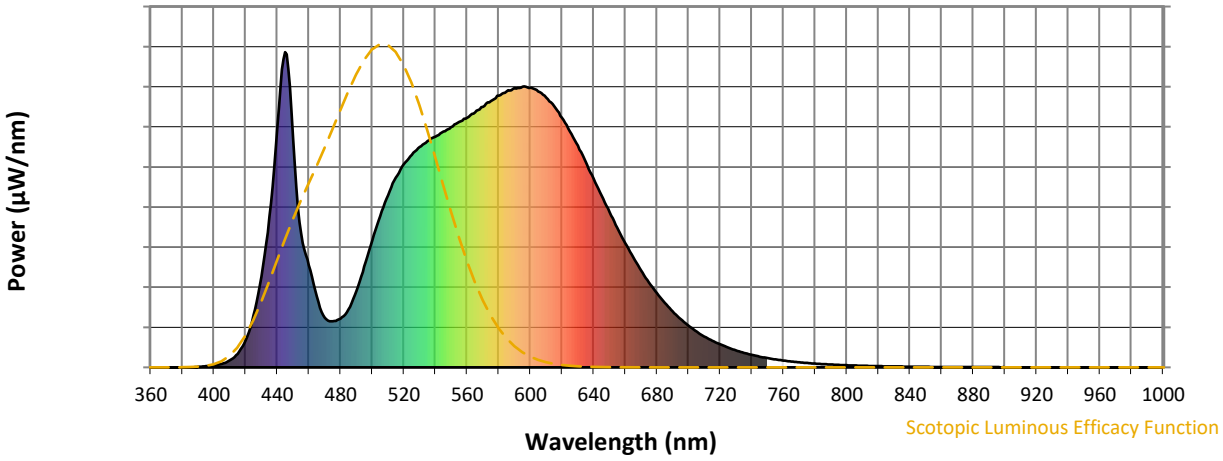


Photopic Lumens: NR

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

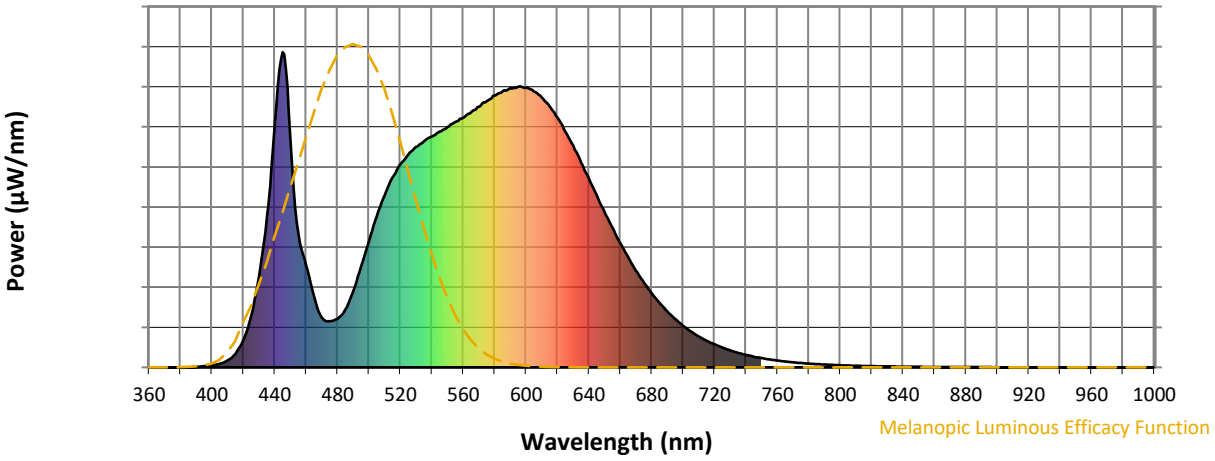


Scotopic Lumens: NR **S/P: 1.57**

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			

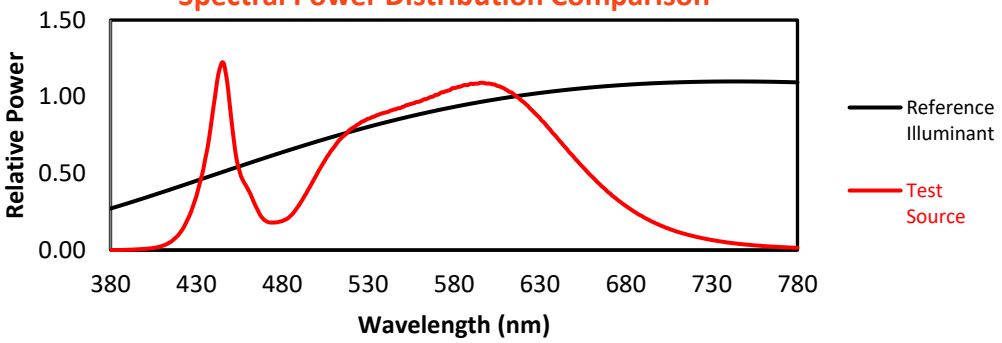
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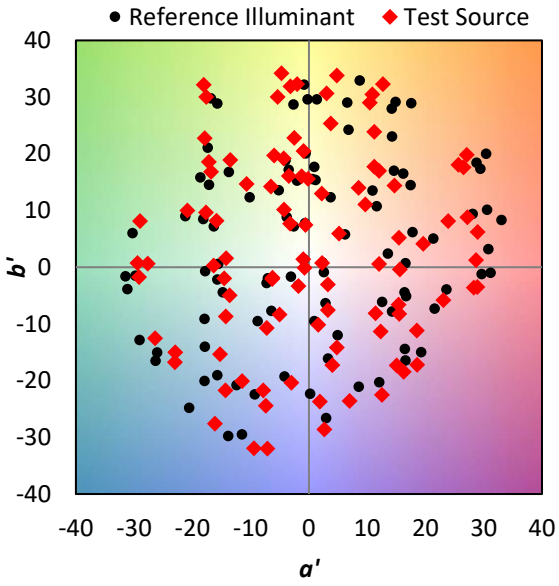
Summary

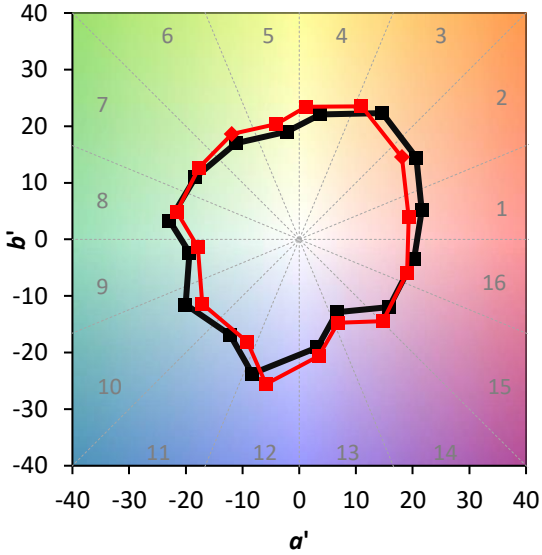
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

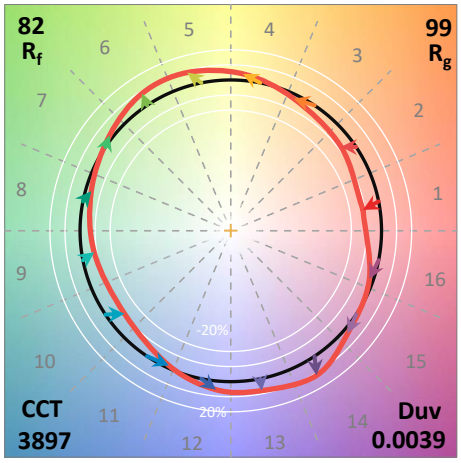
Spectral Power Distribution Comparison

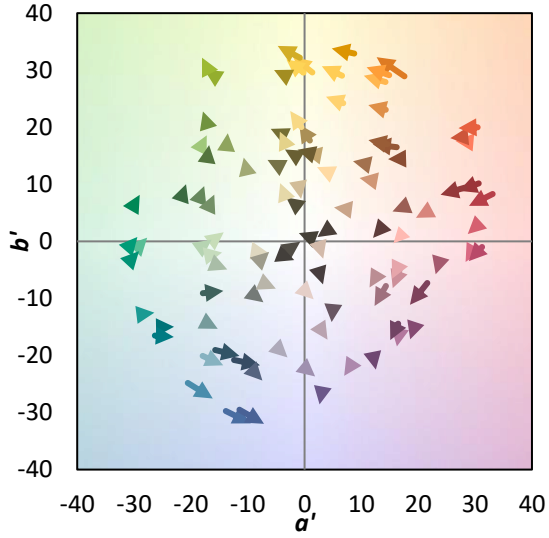


Color Vector Graphics







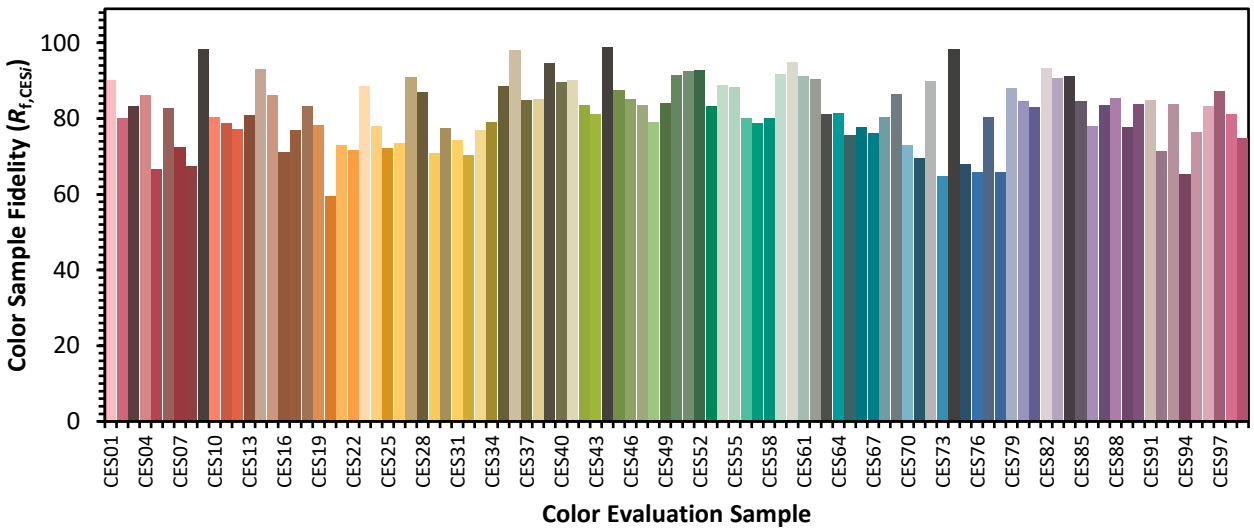


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Individual Sample Fidelity Index ($R_{f,i}$)

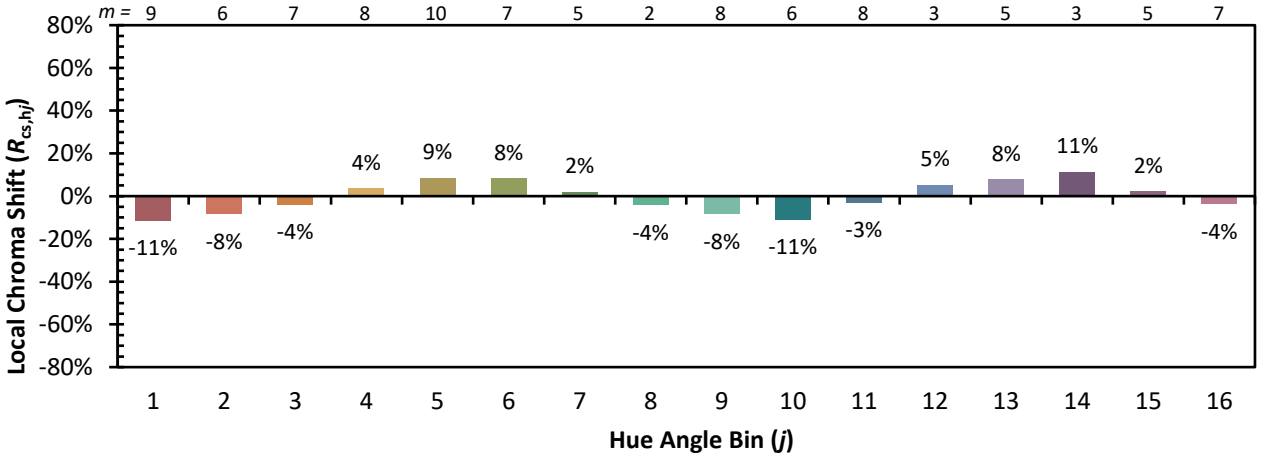
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 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	

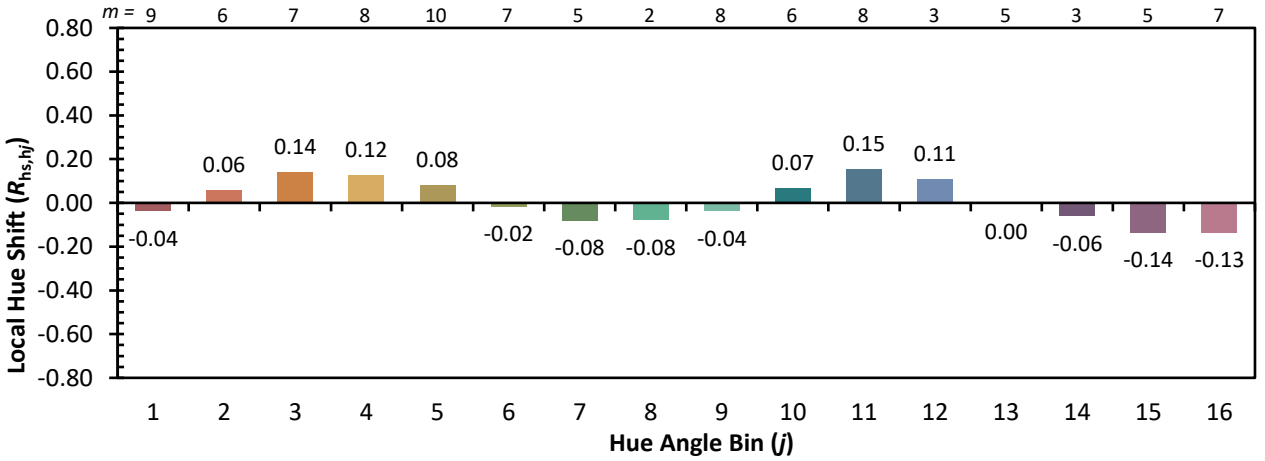


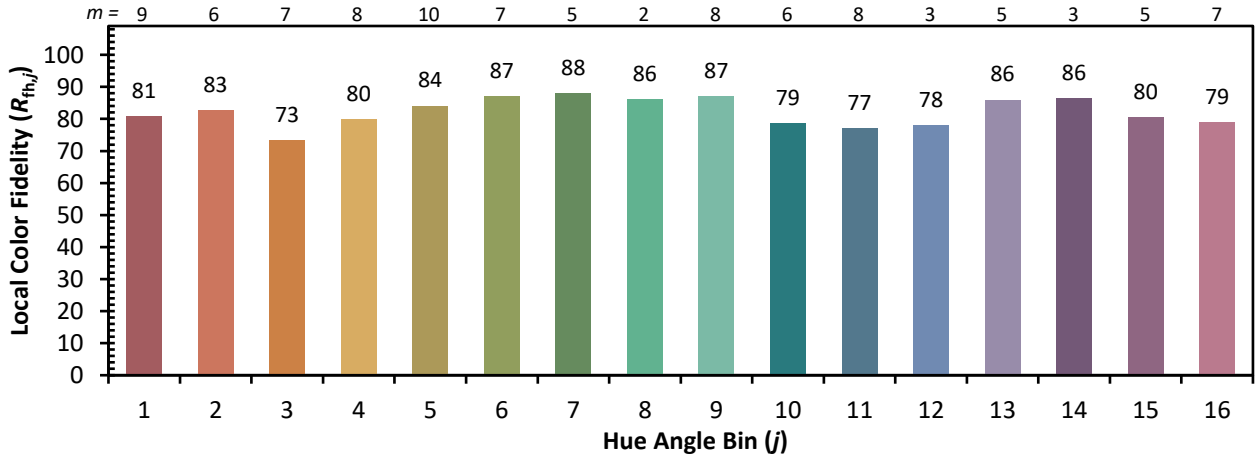
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Color Rendition by Hue-Angle Bin



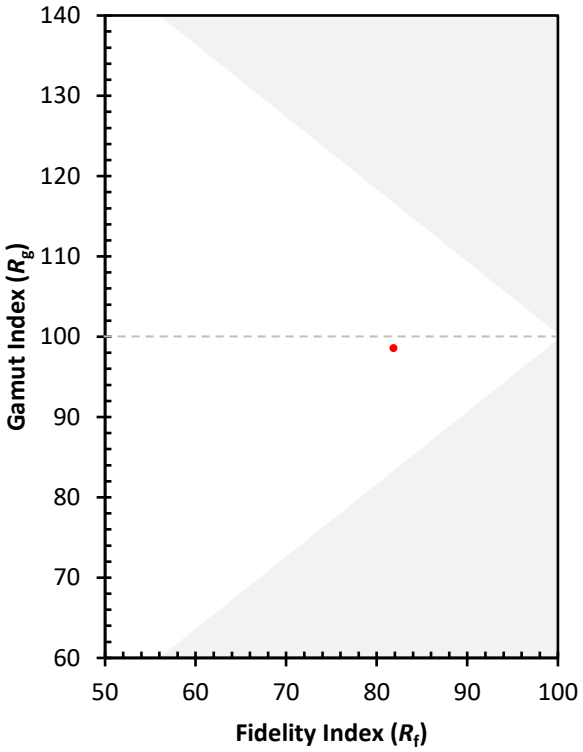


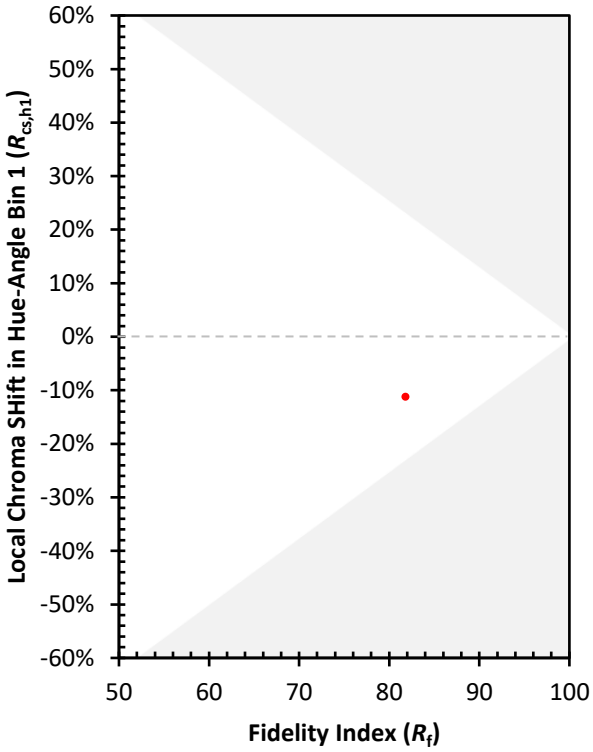


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Measure Comparisons





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