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: P1502719

Luminaire Tested: GSS-SB1C-840-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:	P1502719
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1C-840-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 52W 80CRI 4000K FIXTURE w/ TYPE IV 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:	5217.5 lumens
Efficiency:	N/A
Efficacy:	100.3 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

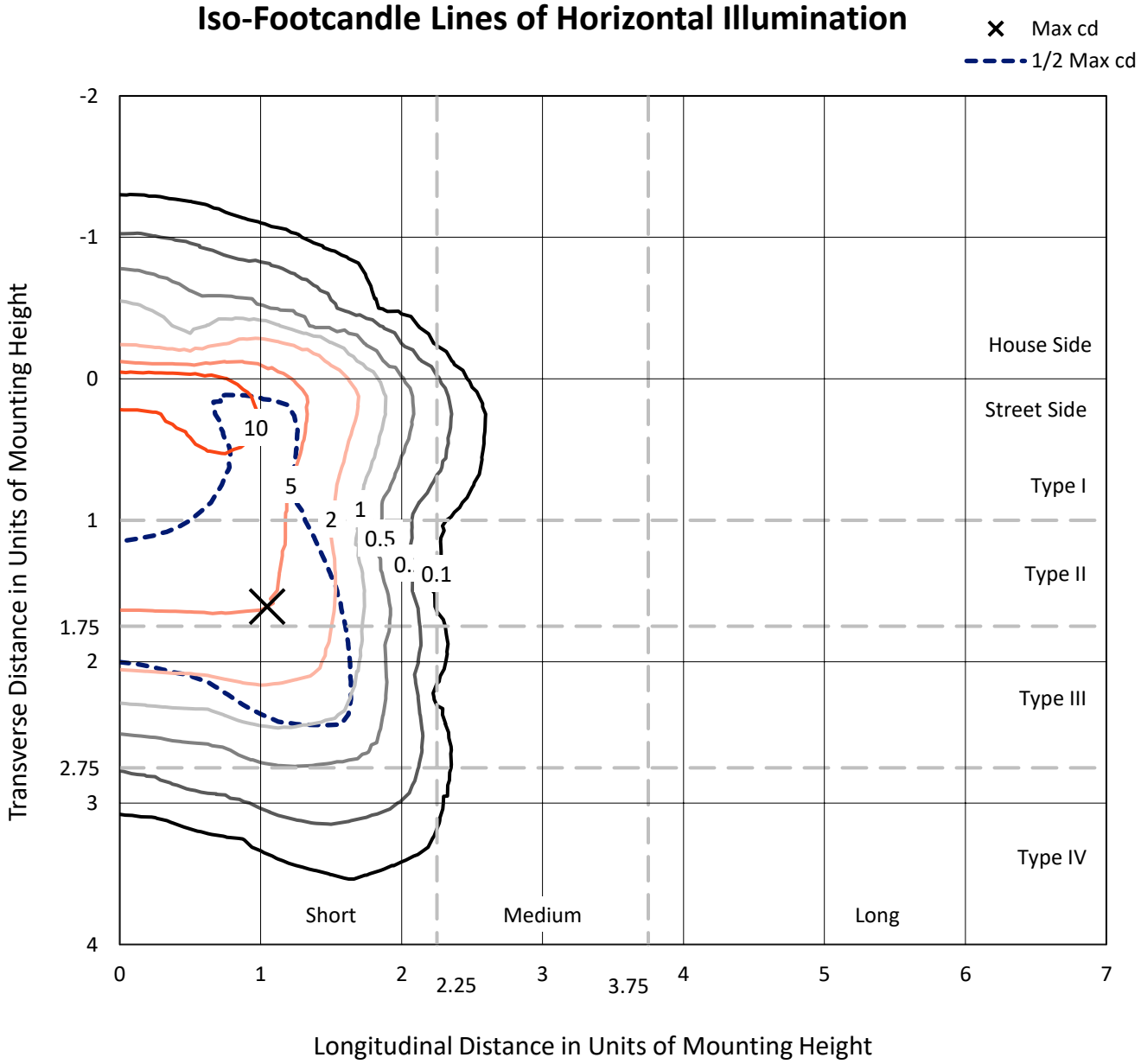
Input Watts (W):	52
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502719
CATALOG NUMBER: GSS-SB1C-840-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



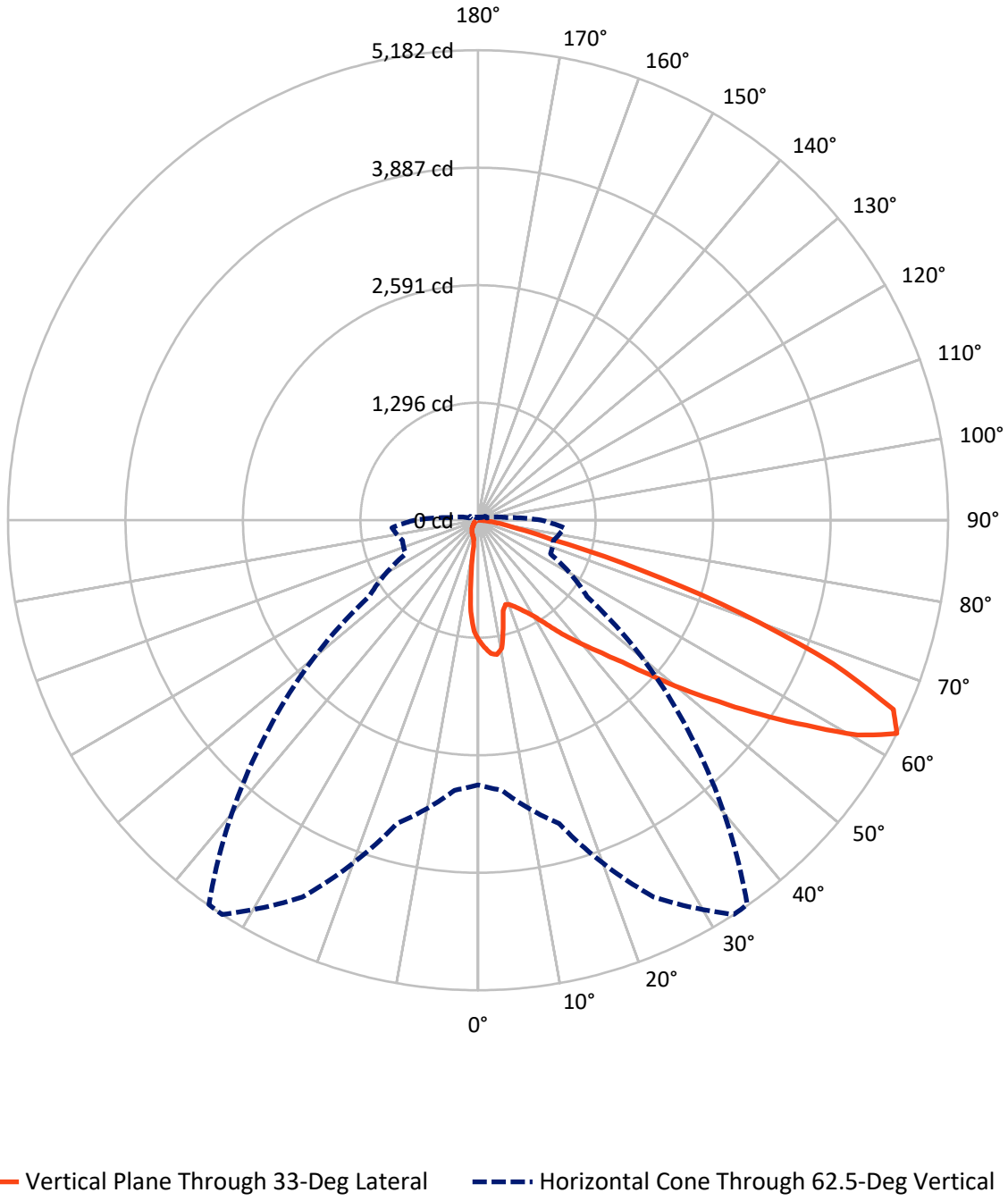
Based on 10 foot mounting height. Maximum calculated value = 15.8 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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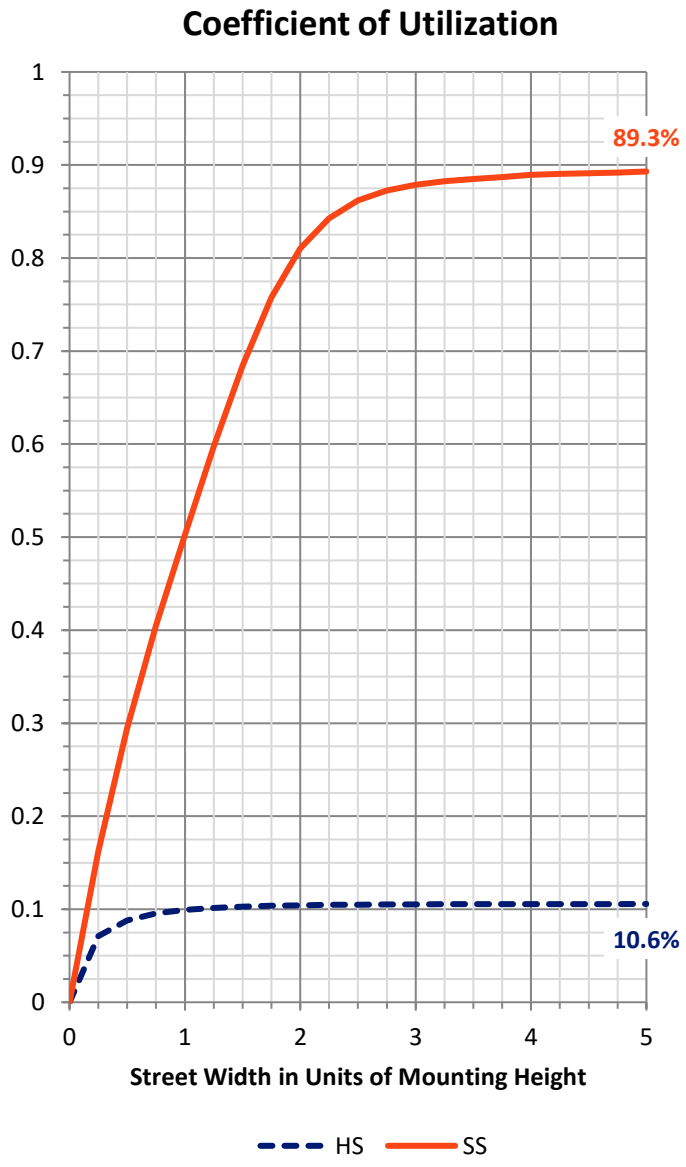
REPORT NUMBER: P1502719
CATALOG NUMBER: GSS-SB1C-840-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	555.2	0.0	555.2
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	4662.3	0.0	4662.3
	% Fixture	89.4	0.0	89.4
Total	Lumens	5217.5	0.0	5217.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	112.7	2.2
10°-20°	251.4	4.8
20°-30°	405.2	7.8
30°-40°	674.1	12.9
40°-50°	1065.5	20.4
50°-60°	1431.5	27.4
60°-70°	1050.9	20.1
70°-80°	208.0	4.0
80°-90°	18.1	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°	5217.5	100.0
0°-180°	5217.5	100.0



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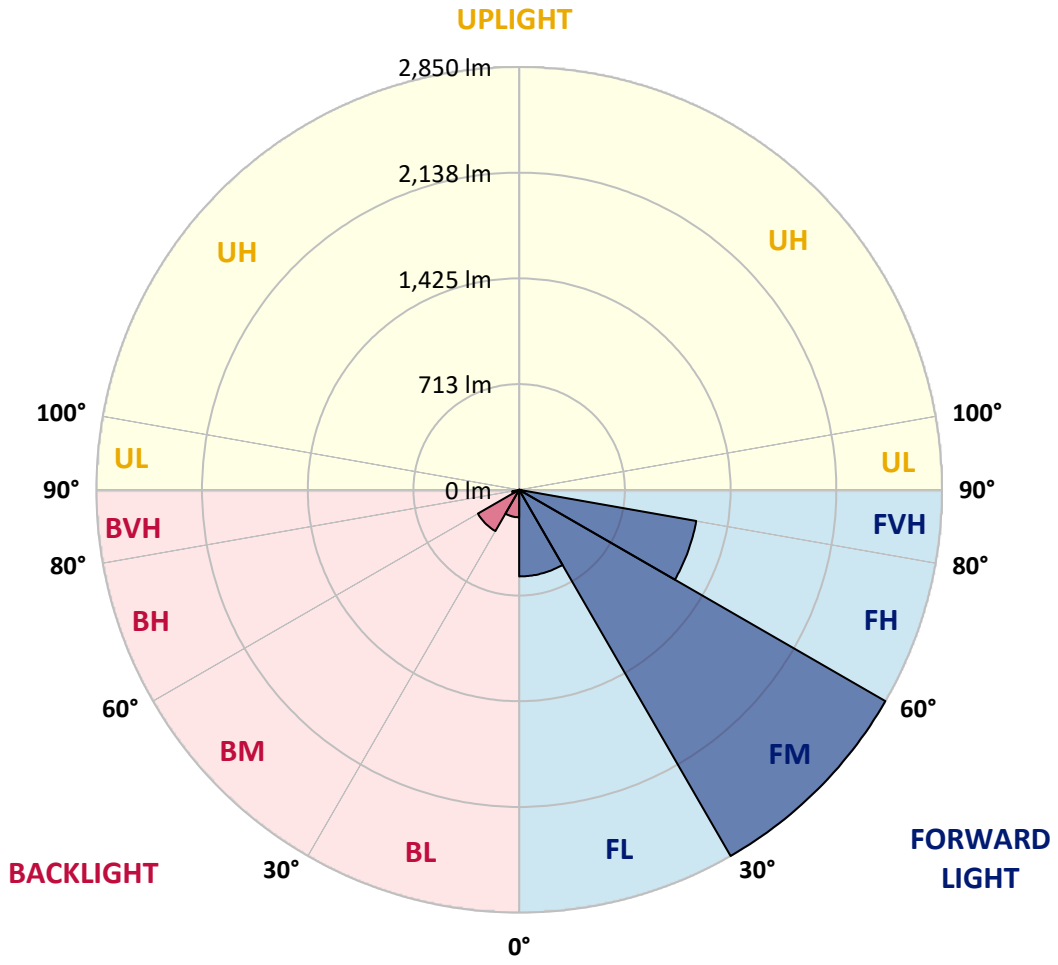
Scaled Data Report

REPORT NUMBER: P1502719
CATALOG NUMBER: GSS-SB1C-840-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	584.1	11.2			
FM	(30°-60°)	2850.0	54.6			
FH	(60°-80°)	1211.4	23.2			G1/1800
FVH	(80°-90°)	16.7	0.3			G1/100
BL	(0°-30°)	185.2	3.6	B1/500		
BM	(30°-60°)	321.1	6.2	B1/1000		
BH	(60°-80°)	47.4	0.9	B0/110		G0/110
BVH	(80°-90°)	1.4	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°	1325.3	1325.3	1325.3	1325.3	1325.3	1325.3	1325.3	1325.3	1325.3	1325.3	1325.3
2.5°	1412.0	1417.9	1417.9	1406.1	1403.2	1397.3	1391.4	1389.9	1370.8	1356.1	1341.5
5°	1484.0	1482.5	1481.0	1475.2	1476.6	1469.3	1464.9	1457.5	1425.2	1403.2	1363.5
7.5°	1453.1	1466.3	1472.2	1488.4	1495.7	1494.3	1506.0	1509.0	1481.0	1450.2	1389.9
10°	1251.8	1244.5	1297.4	1366.4	1435.5	1451.7	1514.8	1548.6	1538.3	1510.4	1432.6
12.5°	991.8	999.1	1035.8	1116.7	1229.8	1265.1	1447.2	1580.9	1610.3	1592.7	1491.3
15°	908.0	908.0	927.1	965.3	1032.9	1066.7	1291.5	1576.5	1686.7	1688.2	1564.8
17.5°	890.4	893.3	909.5	934.5	978.5	993.2	1150.4	1511.9	1761.7	1788.1	1647.1
20°	893.3	897.7	915.4	950.6	993.2	1010.9	1113.7	1429.6	1824.8	1896.8	1733.8
22.5°	903.6	902.1	933.0	980.0	1034.4	1050.5	1144.6	1395.8	1877.7	2021.7	1835.1
25°	915.4	916.8	956.5	1022.6	1088.7	1107.8	1213.6	1426.7	1915.9	2155.4	1938.0
27.5°	950.6	955.0	1003.5	1075.5	1153.4	1178.4	1303.3	1507.5	1982.1	2284.7	2049.6
30°	1005.0	1009.4	1065.2	1151.9	1235.7	1273.9	1414.9	1608.9	2080.5	2434.6	2164.3
32.5°	1068.2	1074.0	1146.0	1246.0	1347.3	1384.1	1542.7	1763.1	2211.3	2587.4	2283.3
35°	1147.5	1163.7	1241.5	1360.6	1497.2	1532.5	1700.0	1938.0	2381.7	2724.1	2384.6
37.5°	1256.2	1269.5	1365.0	1513.4	1651.5	1698.5	1876.3	2121.6	2536.0	2846.0	2466.9
40°	1388.5	1400.2	1507.5	1669.1	1813.1	1852.8	2061.4	2306.8	2702.0	2913.6	2484.6
42.5°	1608.9	1641.2	1708.8	1845.4	1999.7	2049.6	2267.1	2486.0	2822.5	2926.8	2456.6
45°	1993.8	2004.1	2018.8	2083.4	2231.8	2275.9	2484.6	2641.8	2894.5	2929.8	2431.7
47.5°	2362.6	2397.9	2418.4	2447.8	2537.5	2553.6	2712.3	2781.4	2951.8	2919.5	2431.7
50°	2731.4	2757.8	2793.1	2828.4	2923.9	2929.8	2953.3	2875.4	2954.7	2835.7	2417.0
52.5°	3066.4	3075.2	3135.5	3203.0	3322.0	3354.4	3176.6	2944.4	2776.9	2571.2	2347.9
55°	3366.1	3377.9	3469.0	3607.1	3777.5	3820.1	3449.9	2810.7	2396.4	2228.9	2187.8
57.5°	3560.1	3588.0	3770.2	4074.3	4266.8	4247.7	3661.5	2497.8	1924.8	1823.4	1904.2
60°	3463.1	3501.3	3884.8	4466.6	4809.0	4753.1	3602.7	2055.5	1422.3	1348.8	1507.5
62.5°	2918.0	2988.5	3463.1	4582.7	5182.2	5173.3	3270.6	1466.3	881.6	862.5	952.1
65°	2029.1	2151.0	2713.8	4194.8	5032.3	5045.5	2753.4	853.7	408.5	506.9	556.9
67.5°	1196.0	1282.7	1748.4	3424.9	4222.7	4100.8	1871.9	395.2	204.2	308.5	295.3
70°	526.0	584.8	1002.1	2372.9	3076.7	2879.8	913.9	192.5	155.7	186.6	163.1
72.5°	289.4	315.9	527.5	1253.3	1871.9	1779.3	308.5	127.8	133.7	139.6	117.5
75°	161.6	173.4	277.7	724.4	822.8	765.5	149.9	83.7	113.1	113.1	86.7
77.5°	94.0	104.3	173.4	451.1	451.1	364.4	91.1	52.9	85.2	76.4	47.0
80°	44.1	50.0	95.5	249.8	285.0	235.1	51.4	36.7	55.8	48.5	30.9
82.5°	13.2	16.2	47.0	97.0	161.6	138.1	26.4	23.5	41.1	30.9	17.6
85°	8.8	10.3	23.5	39.7	79.3	69.1	8.8	7.3	17.6	14.7	7.3
87.5°	1.5	1.5	2.9	2.9	2.9	2.9	1.5	1.5	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: P1502719
CATALOG NUMBER: GSS-SB1C-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1325.3	1325.3	1325.3	1325.3	1325.3	1325.3	1325.3	1325.3	1325.3	1325.3	1325.3
2.5°	1332.6	1322.4	1298.8	1276.8	1265.1	1238.6	1228.3	1216.6	1210.7	1209.2	1200.4
5°	1338.5	1319.4	1260.6	1201.9	1140.2	1081.4	1021.2	968.3	925.6	927.1	928.6
7.5°	1356.1	1317.9	1215.1	1097.6	965.3	812.5	649.4	527.5	449.6	433.4	418.7
10°	1379.7	1323.8	1159.3	941.8	681.7	429.0	302.7	258.6	239.5	235.1	236.6
12.5°	1423.7	1338.5	1088.7	727.3	377.6	246.8	218.9	211.6	208.6	208.6	208.6
15°	1478.1	1359.1	978.5	476.0	246.8	205.7	199.8	198.4	195.4	195.4	196.9
17.5°	1523.6	1359.1	833.1	310.0	202.8	191.0	186.6	185.1	185.1	186.6	185.1
20°	1573.6	1348.8	670.0	233.6	188.1	177.8	174.8	174.8	174.8	176.3	176.3
22.5°	1625.0	1331.2	518.7	199.8	174.8	166.0	164.6	166.0	167.5	169.0	169.0
25°	1682.3	1309.1	409.9	185.1	163.1	155.7	155.7	155.7	157.2	160.2	161.6
27.5°	1745.5	1290.0	351.2	176.3	152.8	145.5	145.5	146.9	149.9	151.3	152.8
30°	1804.3	1290.0	332.1	180.7	148.4	139.6	136.6	138.1	141.1	144.0	144.0
32.5°	1877.7	1304.7	342.3	199.8	146.9	130.8	127.8	127.8	130.8	132.2	132.2
35°	1939.5	1332.6	377.6	226.3	152.8	123.4	117.5	116.1	119.0	117.5	119.0
37.5°	1989.4	1370.8	442.3	261.5	164.6	114.6	107.3	102.8	102.8	102.8	102.8
40°	2004.1	1409.0	524.5	285.0	163.1	104.3	94.0	89.6	88.2	86.7	86.7
42.5°	1983.5	1426.7	590.7	283.6	145.5	97.0	83.7	77.9	73.5	72.0	72.0
45°	1967.4	1435.5	614.2	246.8	132.2	88.2	74.9	67.6	63.2	61.7	60.2
47.5°	1968.8	1444.3	578.9	201.3	120.5	80.8	67.6	60.2	55.8	54.4	52.9
50°	1974.7	1429.6	490.7	167.5	110.2	73.5	60.2	54.4	50.0	48.5	47.0
52.5°	1913.0	1351.7	345.3	146.9	101.4	69.1	54.4	50.0	45.5	44.1	44.1
55°	1751.4	1165.1	233.6	130.8	94.0	63.2	50.0	47.0	42.6	39.7	39.7
57.5°	1492.8	878.6	161.6	119.0	82.3	57.3	47.0	42.6	38.2	35.3	35.3
60°	1141.6	573.0	117.5	108.7	67.6	52.9	44.1	41.1	35.3	32.3	30.9
62.5°	*695.0*	*321.8*	*95.5*	*95.5*	*57.3*	*50.0*	*39.7*	*36.7*	*30.9*	*26.4*	*25.0*
65°	402.6	189.5	77.9	80.8	50.0	45.5	35.3	30.9	25.0	20.6	19.1
67.5°	193.9	110.2	61.7	57.3	44.1	38.2	30.9	26.4	22.0	17.6	16.2
70°	119.0	85.2	47.0	41.1	35.3	29.4	25.0	23.5	19.1	14.7	14.7
72.5°	97.0	69.1	36.7	29.4	26.4	20.6	20.6	19.1	14.7	11.8	10.3
75°	76.4	51.4	27.9	20.6	16.2	16.2	14.7	13.2	11.8	8.8	8.8
77.5°	41.1	35.3	20.6	11.8	8.8	10.3	10.3	8.8	7.3	5.9	5.9
80°	26.4	20.6	11.8	5.9	5.9	5.9	5.9	4.4	4.4	2.9	2.9
82.5°	13.2	10.3	5.9	1.5	2.9	2.9	2.9	2.9	2.9	1.5	1.5
85°	2.9	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
87.5°	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5	1.5	1.5
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

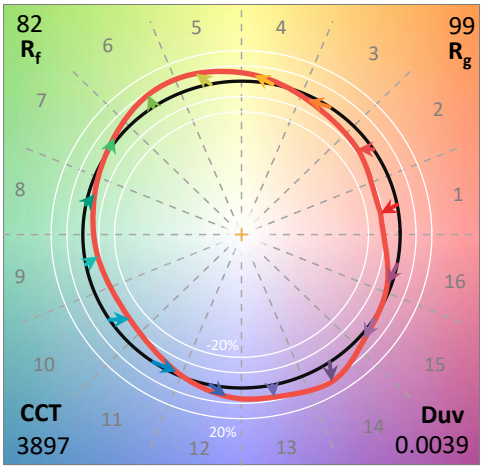
Test Information

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

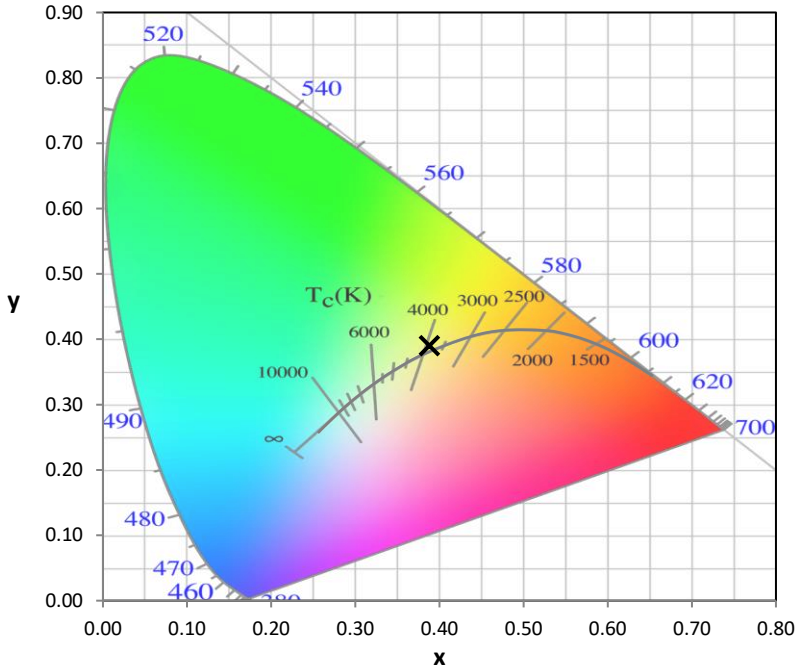
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

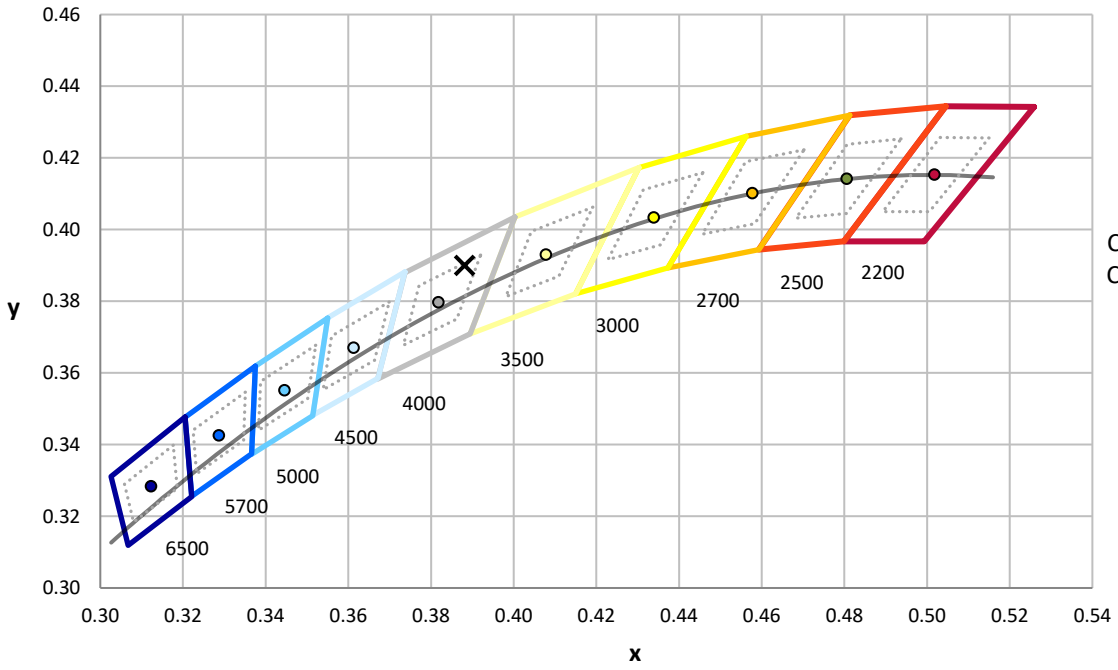
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

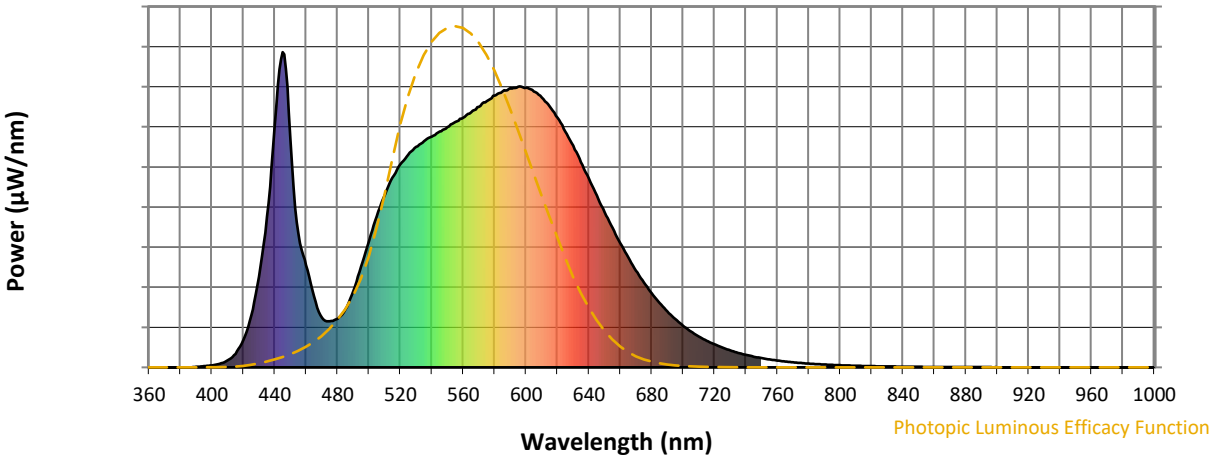


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

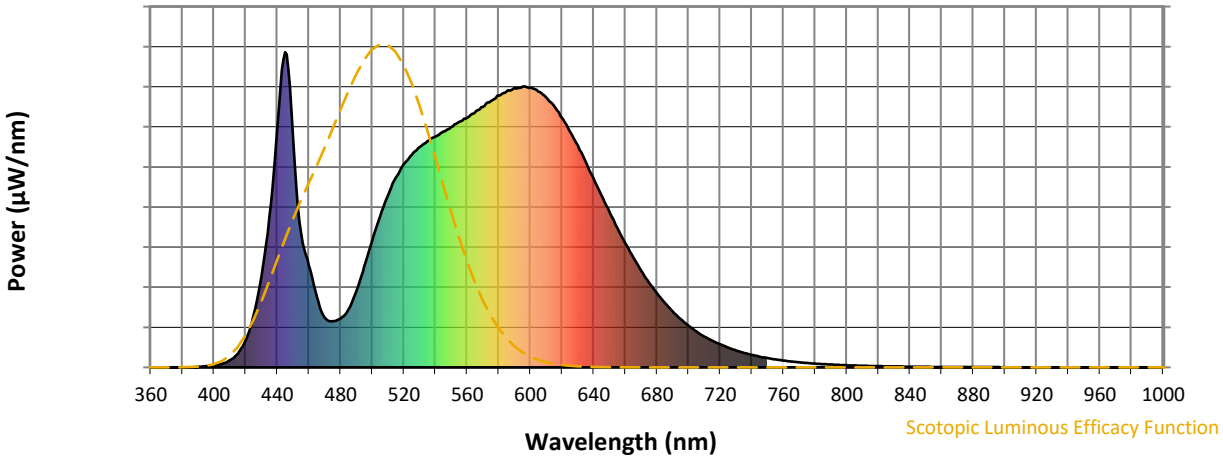


Photopic Lumens: NR

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

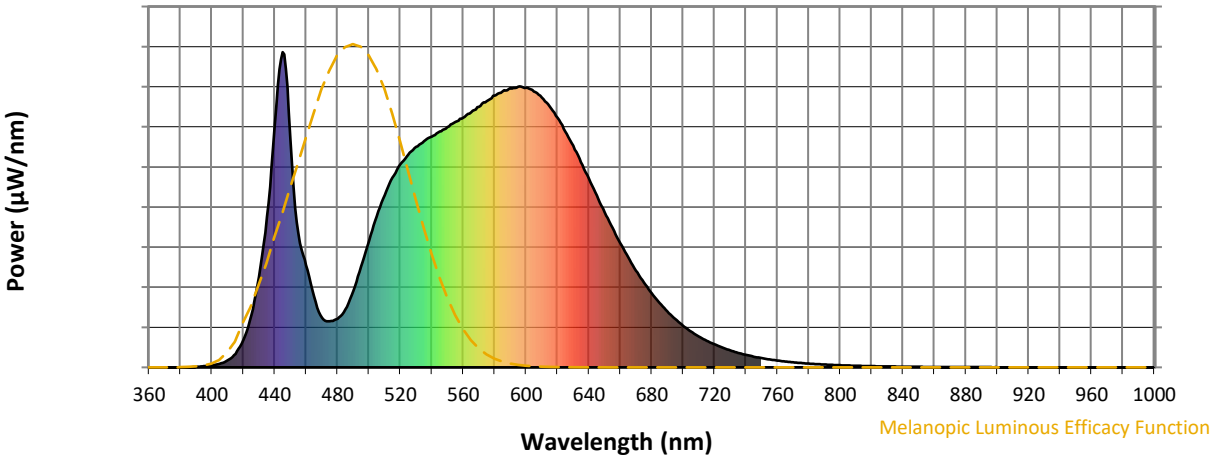


Scotopic Lumens: NR **S/P: 1.57**

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			

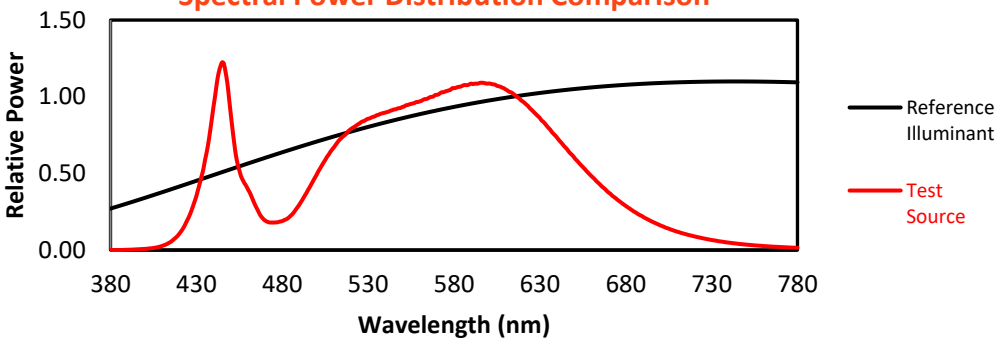
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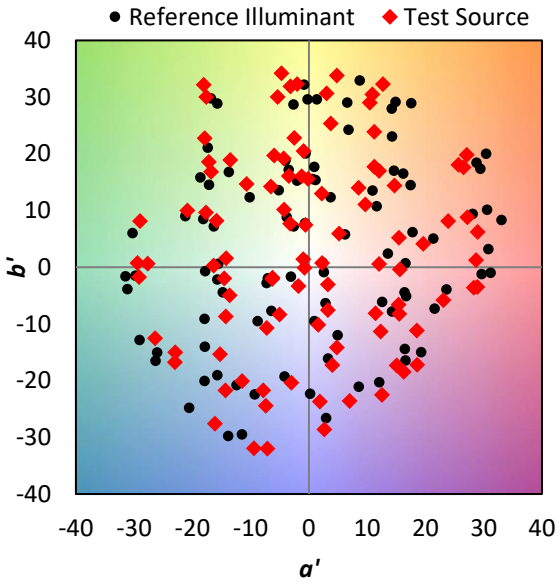
Summary

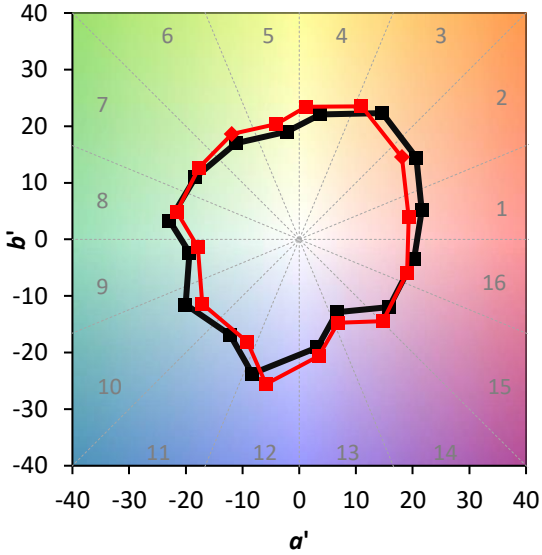
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R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

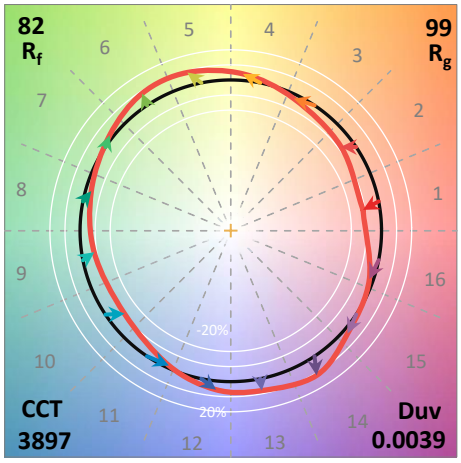
Spectral Power Distribution Comparison

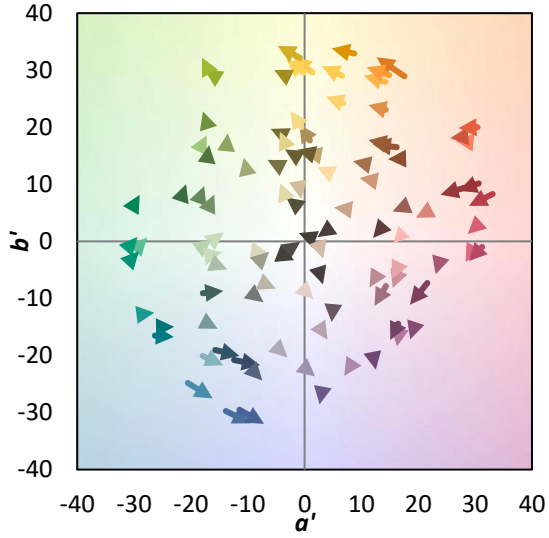


Color Vector Graphics







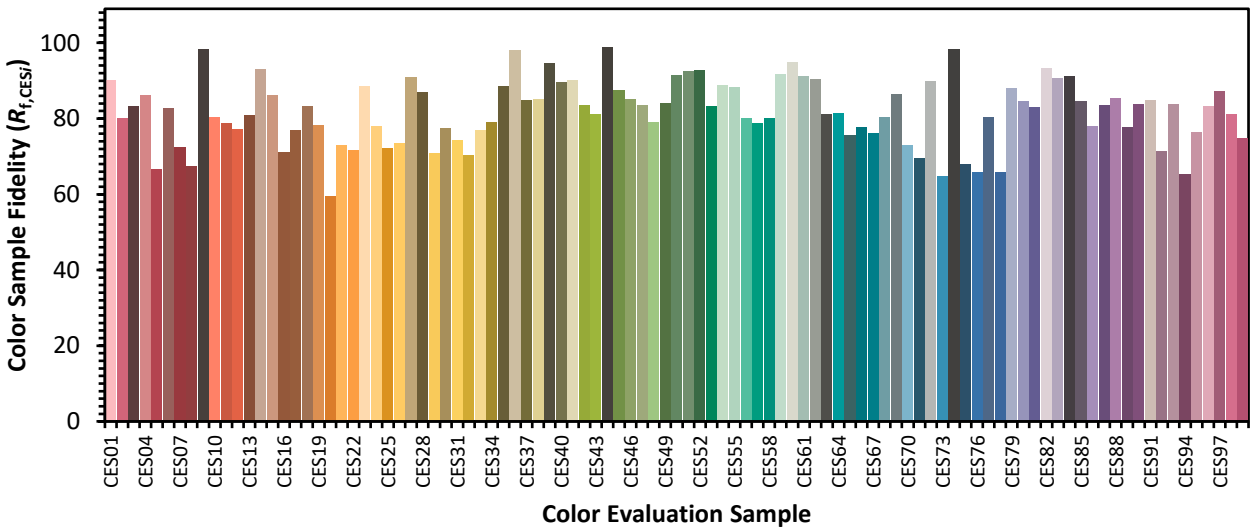


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Individual Sample Fidelity Index ($R_{f,i}$)

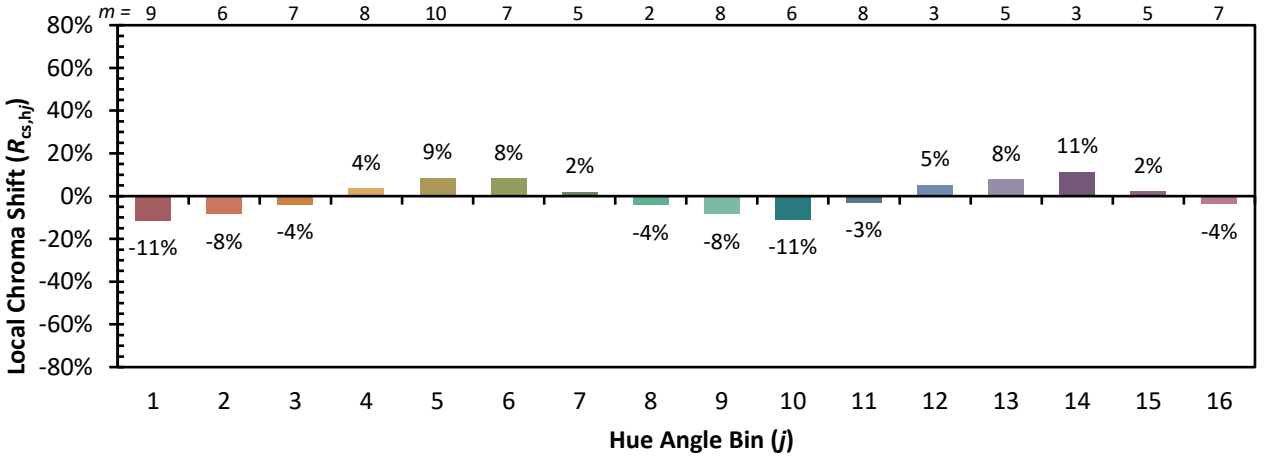
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82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

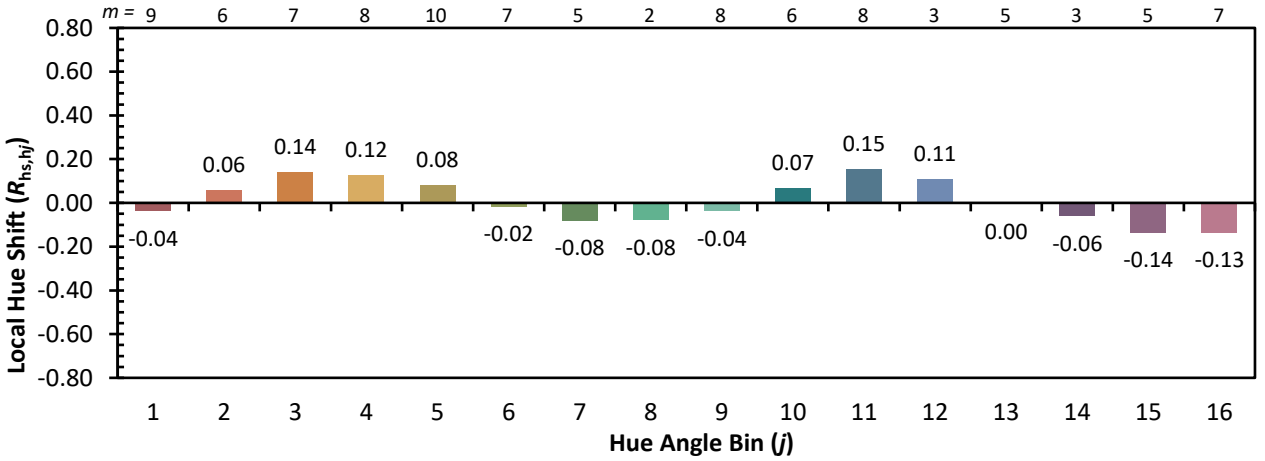


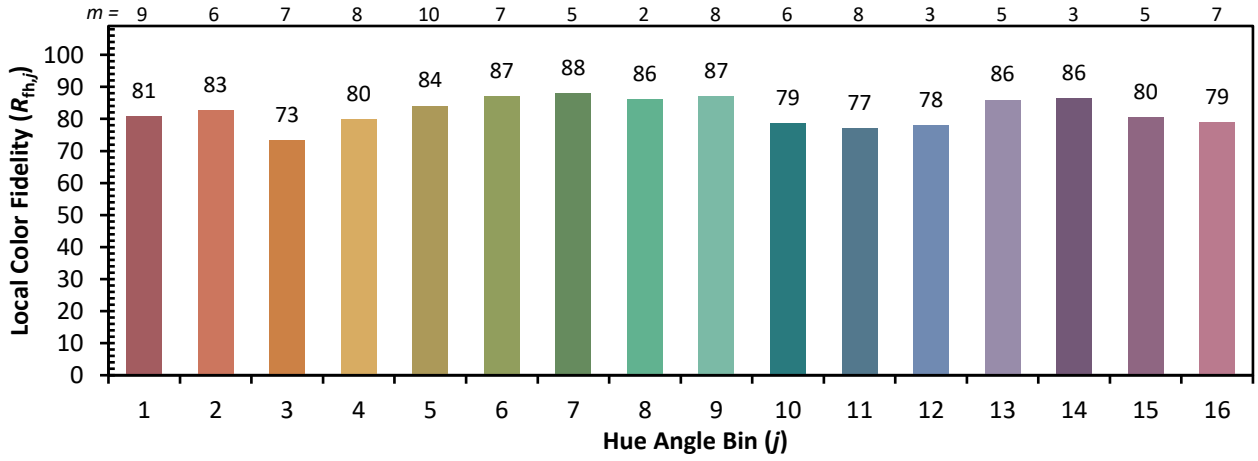
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Color Rendition by Hue-Angle Bin



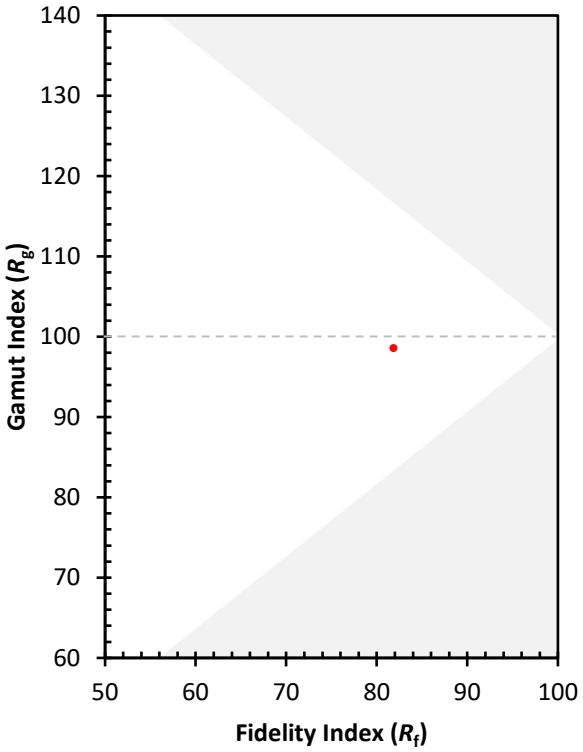


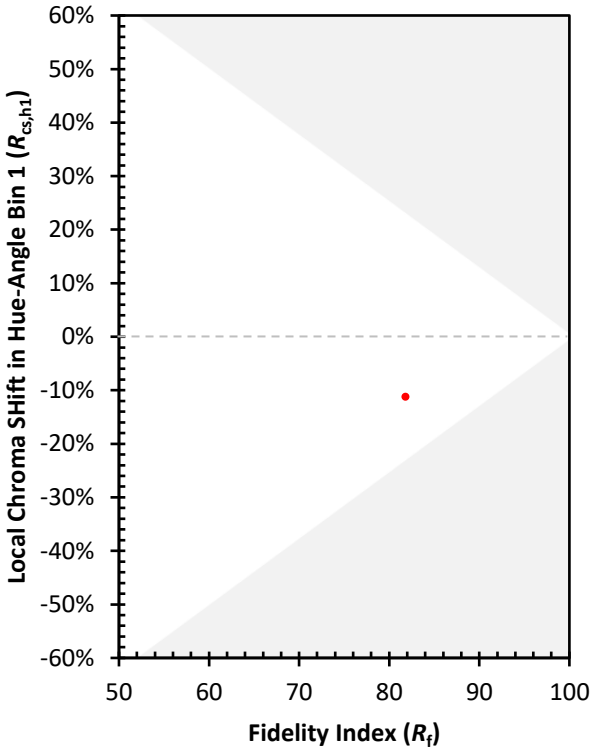


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Measure Comparisons





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