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: P1501184

Luminaire Tested: GSS-SB1D-840-U-T3LG

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:	P1501184
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1D-840-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 76W 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(26) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9084.1 lumens
Efficiency:	N/A
Efficacy:	119.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

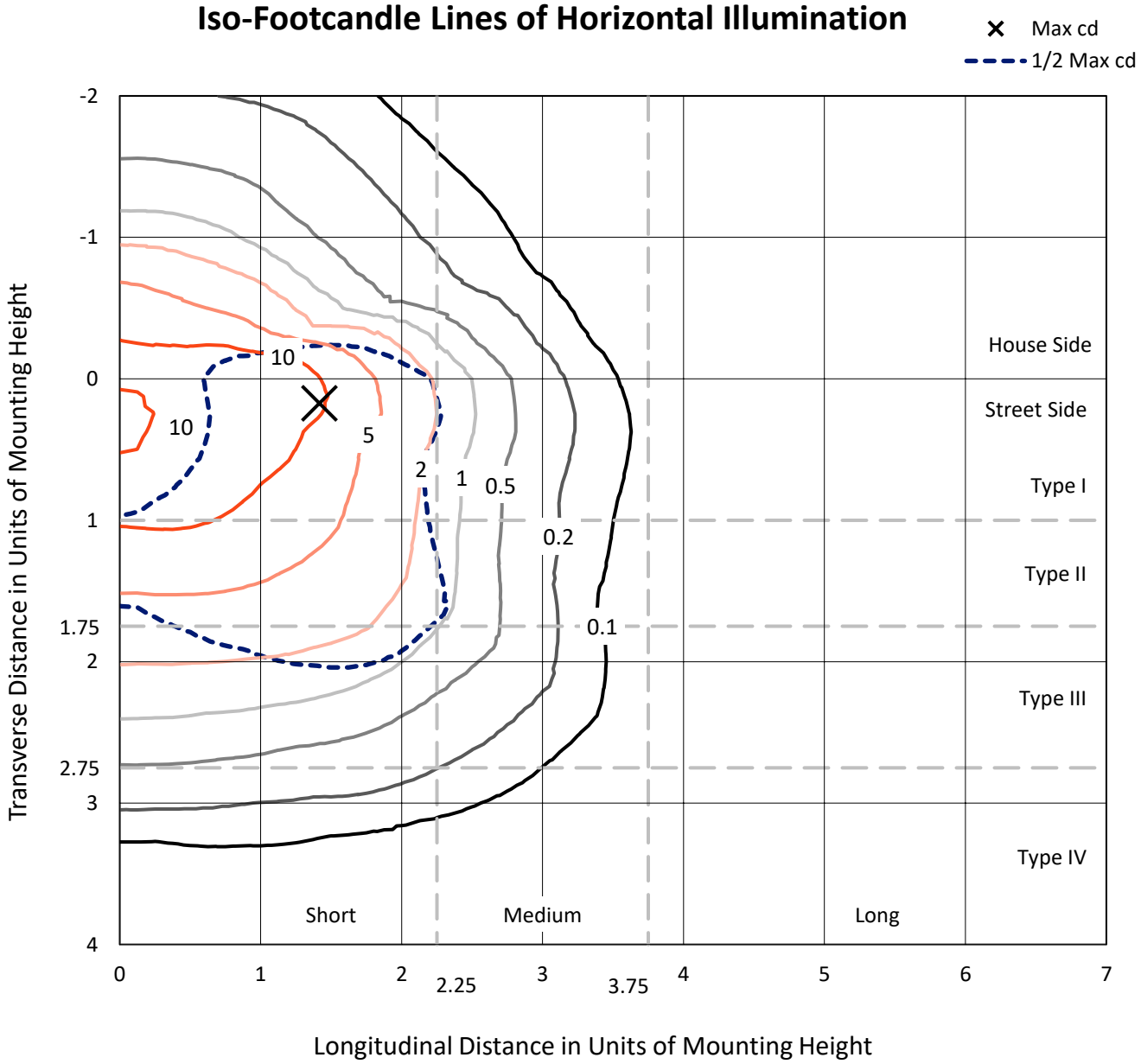
Input Watts (W):	76
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501184
CATALOG NUMBER: GSS-SB1D-840-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



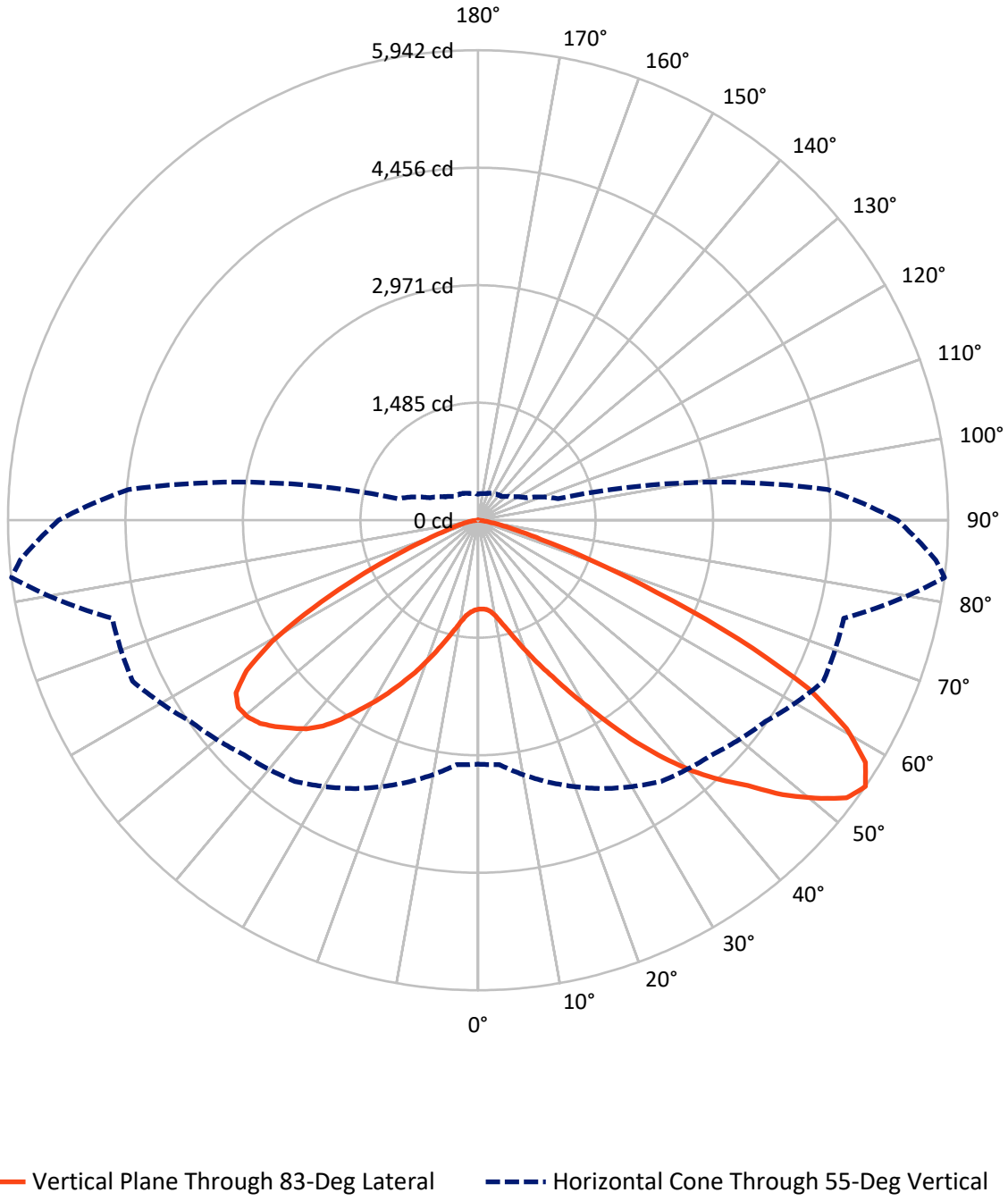
Based on 10 foot mounting height. Maximum calculated value = 19 fc
Type III - Short - N/A

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REPORT NUMBER: P1501184
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Luminous Intensity Polar Plot



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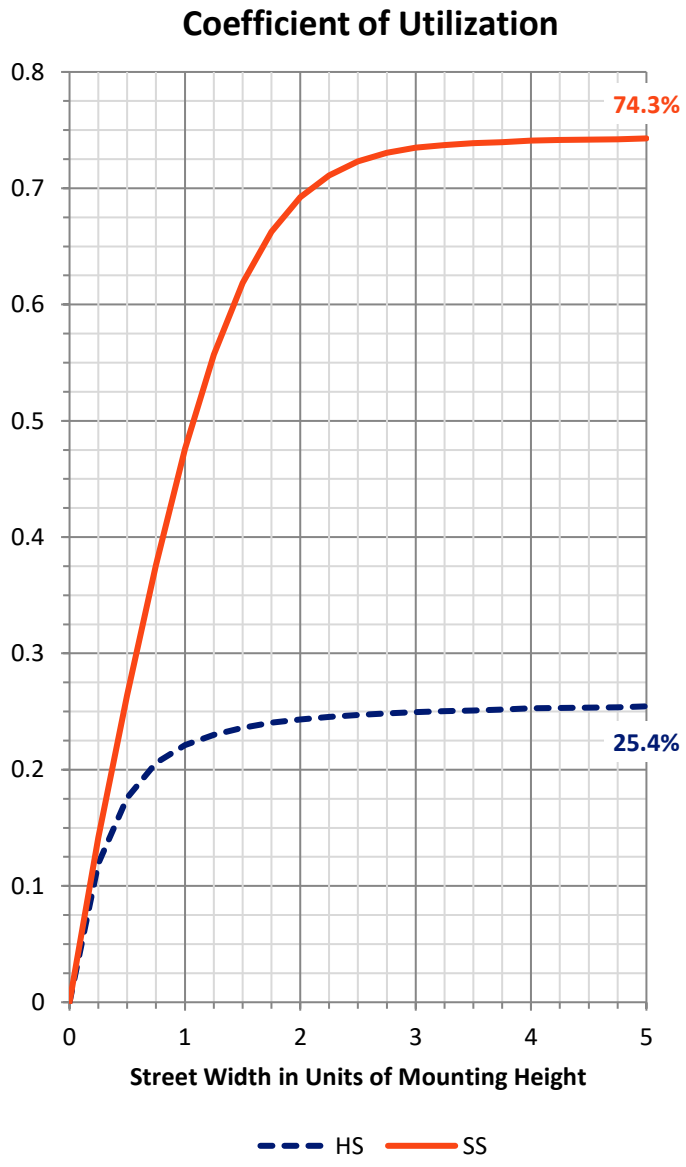
REPORT NUMBER: P1501184
CATALOG NUMBER: GSS-SB1D-840-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2331.2	0.0	2331.2
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	6752.9	0.0	6752.9
	% Fixture	74.3	0.0	74.3
Total	Lumens	9084.1	0.0	9084.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.7	1.2
10°-20°	354.0	3.9
20°-30°	708.6	7.8
30°-40°	1260.7	13.9
40°-50°	1899.9	20.9
50°-60°	2315.1	25.5
60°-70°	1872.1	20.6
70°-80°	512.8	5.6
80°-90°	52.2	0.6
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°	9084.1	100.0
0°-180°	9084.1	100.0



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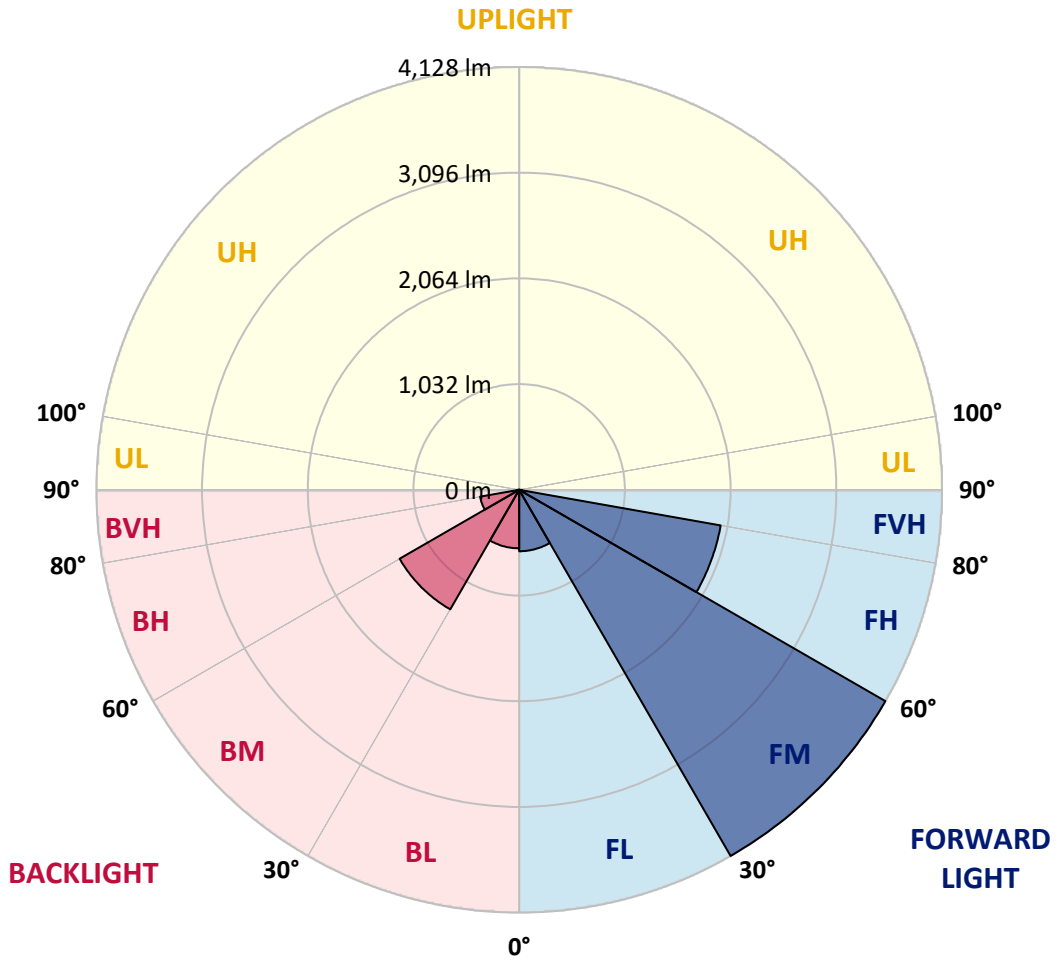
Scaled Data Report

REPORT NUMBER: P1501184
CATALOG NUMBER: GSS-SB1D-840-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	599.8	6.6			
FM	(30°-60°)	4128.1	45.4			
FH	(60°-80°)	1997.8	22.0			G2/5000
FVH	(80°-90°)	27.2	0.3			G1/100
BL	(0°-30°)	571.4	6.3	B2/1000		
BM	(30°-60°)	1347.7	14.8	B2/2500		
BH	(60°-80°)	387.0	4.3	B1/500		G1/500
BVH	(80°-90°)	25.0	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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REPORT NUMBER: P1501184
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	1124.5	1124.5	1124.5	1124.5	1124.5	1124.5	1124.5	1124.5	1124.5	*1124.5*	1124.5
2.5°	1092.2	1090.2	1088.2	1086.2	1090.2	1096.2	1102.3	1106.3	1116.4	*1124.5*	1120.5
5°	1005.4	1001.4	1005.4	1021.6	1035.7	1059.9	1084.1	1100.3	1122.5	*1132.6*	1136.6
7.5°	928.7	924.6	928.7	948.9	973.1	1011.5	1061.9	1102.3	1142.7	*1166.9*	1170.9
10°	928.7	930.7	930.7	938.8	950.9	989.2	1049.8	1126.5	1197.2	*1231.5*	1239.6
12.5°	959.0	959.0	959.0	969.1	977.1	1007.4	1076.1	1170.9	1284.0	*1334.5*	1340.5
15°	999.3	997.3	1003.4	1009.4	1023.6	1053.9	1122.5	1235.6	1378.9	*1455.6*	1463.7
17.5°	1055.9	1051.8	1057.9	1072.0	1092.2	1126.5	1195.2	1324.4	1510.1	*1607.0*	1619.1
20°	1118.5	1116.4	1128.6	1150.8	1179.0	1221.4	1300.2	1431.4	1659.5	*1782.7*	1804.9
22.5°	1193.2	1189.1	1211.3	1251.7	1290.1	1338.5	1433.4	1570.7	1831.1	*1978.5*	2000.7
25°	1277.9	1277.9	1308.2	1356.7	1415.2	1502.0	1596.9	1748.3	2033.0	*2190.5*	2224.8
27.5°	1417.3	1427.3	1439.5	1489.9	1572.7	1689.8	1790.7	1962.3	2253.1	*2450.9*	2463.0
30°	1643.4	1639.3	1659.5	1693.8	1762.5	1885.6	2037.0	2220.8	2531.7	*2739.6*	2769.9
32.5°	1847.3	1853.3	1881.6	1946.2	2029.0	2134.0	2315.6	2541.8	2834.5	*3074.7*	3088.9
35°	2053.2	2057.2	2111.7	2208.6	2331.8	2448.9	2646.7	2868.8	3163.6	*3448.2*	3486.6
37.5°	2341.9	2337.9	2392.4	2475.1	2640.7	2822.4	2981.9	3193.9	3478.5	*3811.6*	3856.1
40°	2557.9	2580.1	2683.1	2788.1	2943.5	3131.3	3266.5	3466.4	3736.9	*4167.0*	4207.3
42.5°	2780.0	2798.2	2935.4	3092.9	3256.4	3383.6	3488.6	3674.4	3942.9	*4481.9*	4504.1
45°	2963.7	2987.9	3145.4	3345.3	3514.9	3644.1	3680.4	3854.0	4152.8	*4784.7*	4819.1
47.5°	3080.8	3107.0	3292.8	3527.0	3700.6	3837.9	3825.8	4070.1	4376.9	*5186.5*	5174.4
50°	3161.6	3177.7	3379.6	3629.9	3856.1	3946.9	3999.4	4314.3	4607.1	*5523.6*	5479.2
52.5°	3220.1	3246.4	3430.1	3704.6	3942.9	4062.0	4203.3	4597.0	4766.6	*5832.5*	5733.6
55°	*3082.8*	*3103.0*	*3426.0*	*3743.0*	*4031.7*	*4189.2*	*4435.5*	*4817.0*	*4786.8*	*5941.5*	*5808.3*
57.5°	2941.5	2957.7	3256.4	3732.9	4128.6	4346.6	4699.9	4845.3	4607.1	*5774.0*	5606.4
60°	2763.8	2776.0	3074.7	3625.9	4130.6	4469.8	4835.2	4639.4	4274.0	*5352.0*	5192.5
62.5°	2436.8	2436.8	2765.9	3337.2	4029.7	4532.4	4798.9	4249.7	3827.8	*4687.8*	4467.8
65°	2113.8	2099.6	2321.7	2822.4	3761.2	4516.2	4526.3	3757.1	3135.3	*3615.8*	3444.2
67.5°	1762.5	1764.5	1895.7	2291.4	3046.5	4179.1	3950.9	2903.1	2184.4	*2434.8*	2345.9
70°	1193.2	1223.4	1356.7	1663.6	2297.5	2961.7	3145.4	1966.4	1362.7	*1512.1*	1439.5
72.5°	454.2	460.3	615.8	872.2	1451.6	1780.6	2194.5	1100.3	797.5	*833.8*	837.8
75°	191.8	199.9	262.5	367.4	644.0	971.1	1154.8	557.2	484.5	*498.7*	494.6
77.5°	129.2	133.2	159.5	197.8	290.7	389.6	482.5	314.9	296.8	*278.6*	270.5
80°	96.9	96.9	115.1	133.2	163.5	199.9	210.0	159.5	177.7	*147.4*	143.3
82.5°	62.6	66.6	72.7	78.7	92.9	98.9	84.8	86.8	103.0	*76.7*	72.7
85°	30.3	32.3	34.3	36.3	36.3	34.3	30.3	38.4	52.5	*32.3*	30.3
87.5°	4.0	4.0	4.0	4.0	4.0	4.0	2.0	2.0	2.0	*2.0*	2.0
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: P1501184
CATALOG NUMBER: GSS-SB1D-840-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1124.5	1124.5	1124.5	1124.5	1124.5	1124.5	1124.5	1124.5	1124.5	1124.5	1124.5
2.5°	1126.5	1134.6	1140.7	1144.7	1154.8	1152.8	1158.8	1162.9	1166.9	1173.0	1164.9
5°	1146.7	1160.9	1177.0	1189.1	1201.2	1207.3	1209.3	1213.3	1215.4	1219.4	1217.4
7.5°	1191.1	1207.3	1231.5	1243.6	1253.7	1253.7	1247.7	1245.6	1239.6	1243.6	1243.6
10°	1265.8	1290.1	1316.3	1318.3	1306.2	1292.1	1269.9	1257.8	1241.6	1237.6	1233.5
12.5°	1374.9	1407.2	1427.3	1413.2	1370.8	1318.3	1259.8	1205.3	1162.9	1144.7	1140.7
15°	1498.0	1538.4	1542.4	1502.0	1425.3	1298.1	1175.0	1114.4	1092.2	1092.2	1090.2
17.5°	1667.6	1695.9	1679.7	1582.8	1411.2	1203.2	1114.4	1104.3	1110.4	1118.5	1118.5
20°	1845.3	1877.6	1810.9	1639.3	1324.4	1146.7	1120.5	1128.6	1142.7	1150.8	1148.7
22.5°	2057.2	2073.4	1944.2	1641.3	1231.5	1132.6	1132.6	1142.7	1152.8	1164.9	1164.9
25°	2275.3	2269.2	2067.3	1566.6	1179.0	1128.6	1124.5	1132.6	1136.6	1142.7	1140.7
27.5°	2519.6	2487.3	2162.2	1447.5	1162.9	1116.4	1096.2	1088.2	1092.2	1098.3	1100.3
30°	2800.2	2723.5	2238.9	1372.8	1156.8	1088.2	1039.7	1017.5	1013.5	1021.6	1021.6
32.5°	3125.2	2959.7	2285.4	1362.7	1150.8	1037.7	973.1	930.7	922.6	926.7	936.8
35°	3458.3	3244.3	2273.3	1389.0	1152.8	997.3	902.4	845.9	837.8	841.9	852.0
37.5°	3807.6	3514.9	2226.8	1429.4	1136.6	942.8	837.8	769.2	757.1	765.2	769.2
40°	4078.1	3743.0	2111.7	1445.5	1108.4	874.2	763.1	704.6	672.3	670.3	680.4
42.5°	4328.5	3922.7	1986.6	1419.3	1049.8	801.5	686.4	627.9	577.4	539.0	539.0
45°	4578.8	4104.4	1859.4	1344.6	952.9	724.8	605.7	526.9	468.4	440.1	442.1
47.5°	4829.1	4280.0	1708.0	1231.5	856.0	644.0	518.9	456.3	415.9	393.7	393.7
50°	5061.3	4407.2	1514.2	1051.8	745.0	563.3	458.3	421.9	391.7	371.5	367.4
52.5°	5265.2	4492.0	1251.7	833.8	623.8	472.4	426.0	397.7	375.5	353.3	347.2
55°	*5301.6*	*4435.5*	*1047.8*	*670.3*	*514.8*	*424.0*	*401.8*	*377.5*	*347.2*	*337.2*	*331.1*
57.5°	5077.5	4136.7	884.3	565.3	440.1	389.6	381.6	353.3	329.1	319.0	312.9
60°	4695.9	3593.6	730.8	484.5	391.7	357.3	367.4	339.2	300.8	294.8	288.7
62.5°	4009.5	2804.2	583.5	407.8	355.3	333.1	343.2	302.8	270.5	262.5	260.4
65°	3117.1	2006.8	490.6	359.4	327.1	308.9	304.9	268.5	244.3	238.2	238.2
67.5°	2176.3	1275.9	409.8	329.1	290.7	278.6	276.6	252.4	236.2	230.2	230.2
70°	1332.5	773.2	345.2	300.8	256.4	234.2	248.3	244.3	220.1	214.0	212.0
72.5°	692.5	462.3	302.8	276.6	216.0	199.9	222.1	224.1	203.9	212.0	210.0
75°	401.8	321.0	264.5	244.3	171.6	167.6	193.8	214.0	197.8	203.9	199.9
77.5°	230.2	205.9	203.9	199.9	135.3	137.3	173.6	191.8	169.6	175.6	161.5
80°	127.2	133.2	141.3	125.2	94.9	107.0	139.3	153.4	129.2	127.2	117.1
82.5°	66.6	82.8	94.9	80.8	54.5	64.6	94.9	94.9	82.8	78.7	76.7
85°	30.3	34.3	44.4	40.4	20.2	24.2	44.4	48.5	42.4	38.4	36.3
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	4.0	6.1	2.0	2.0	2.0
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

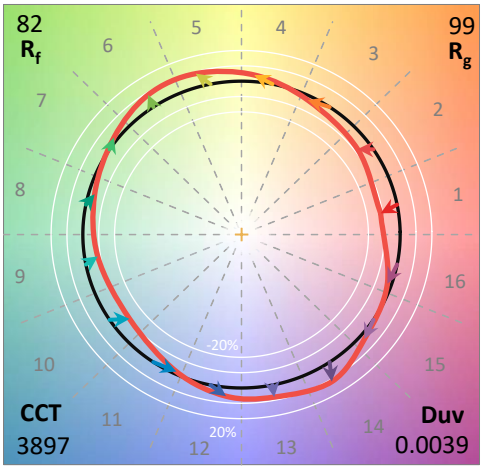
Test Information

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

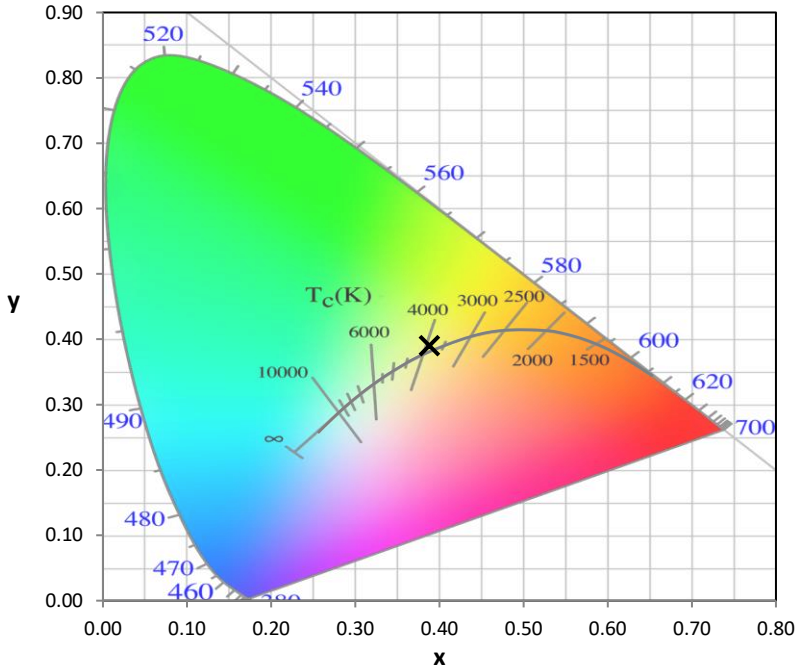
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

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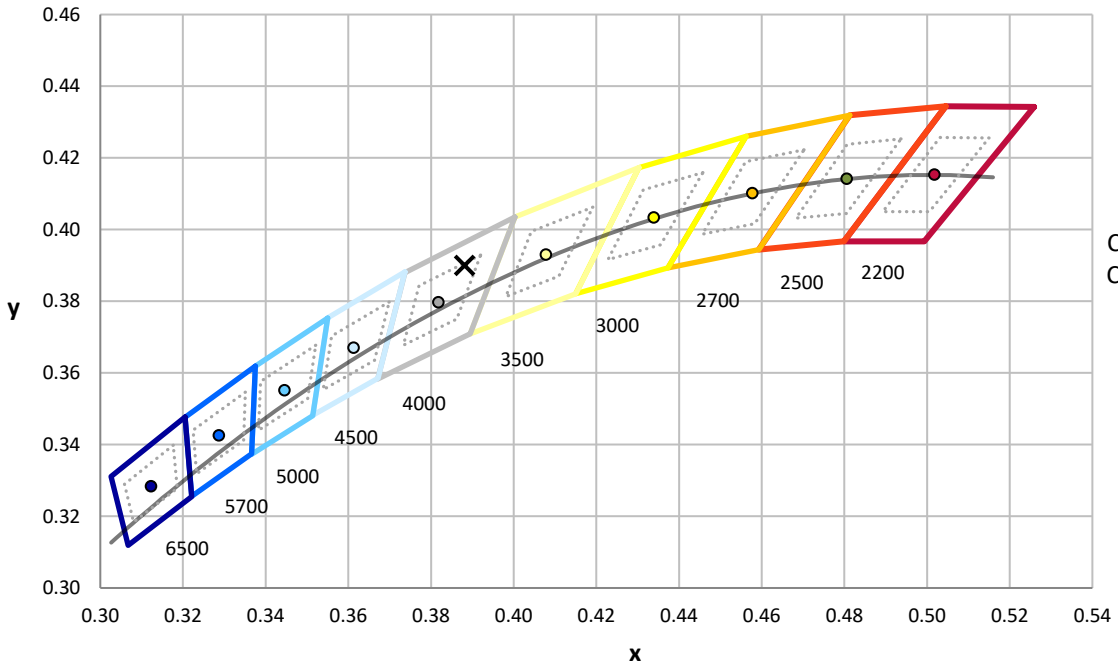
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

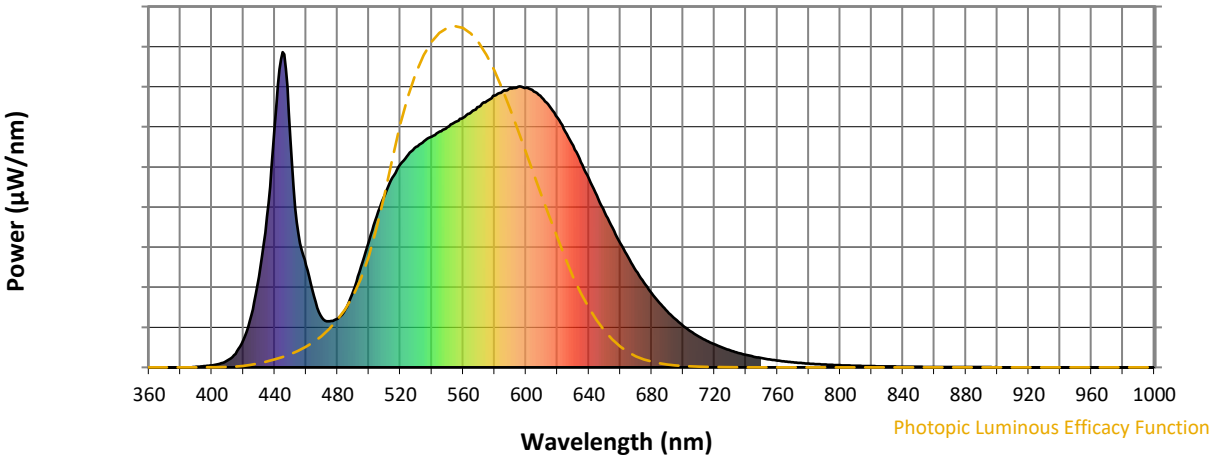


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

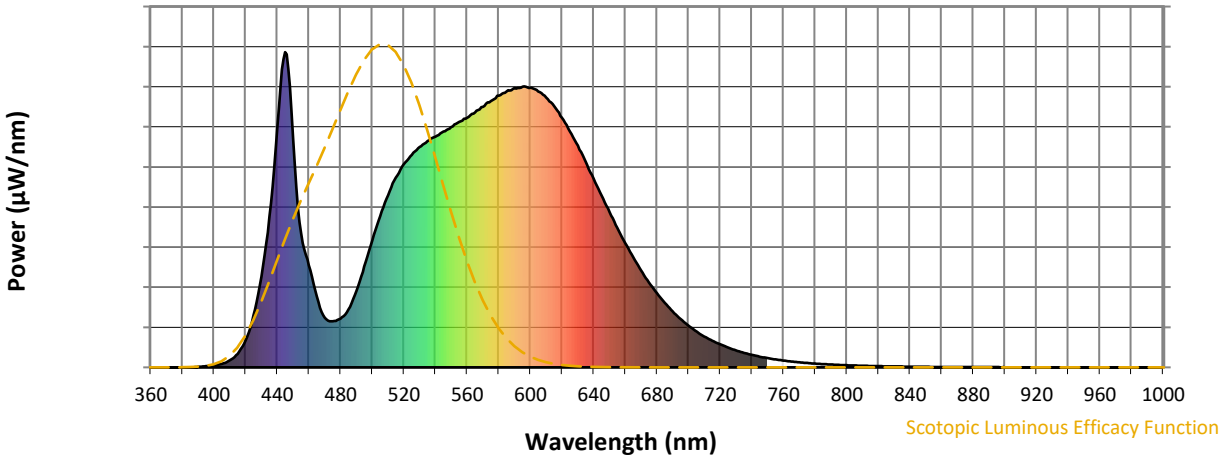


Photopic Lumens: NR

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

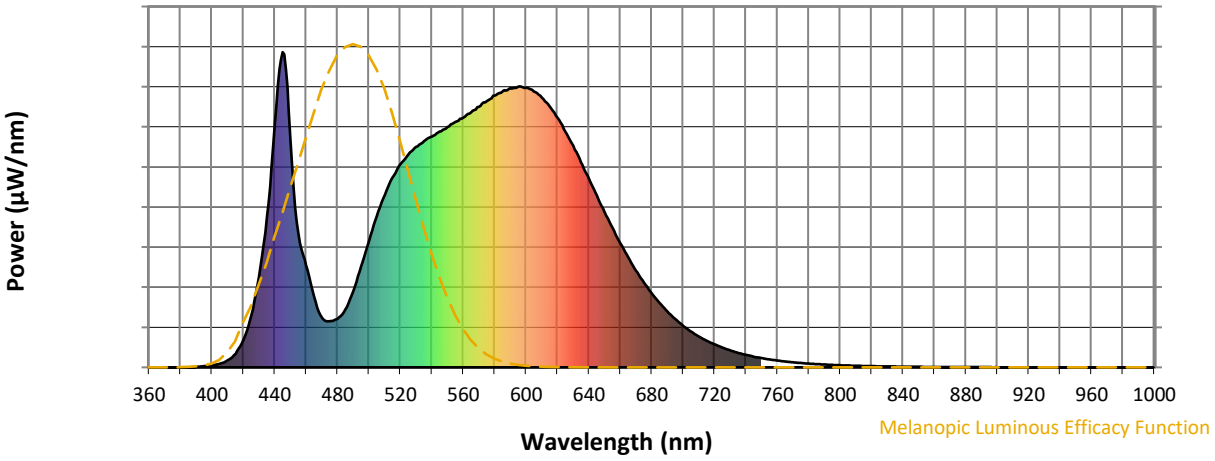


Scotopic Lumens: NR **S/P: 1.57**

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			

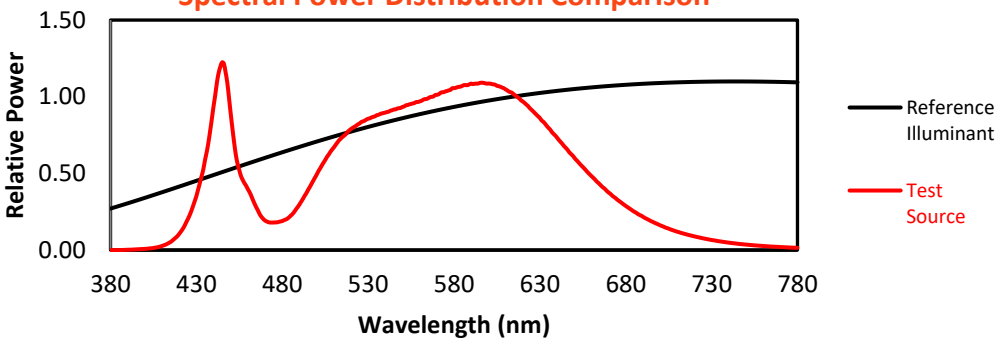
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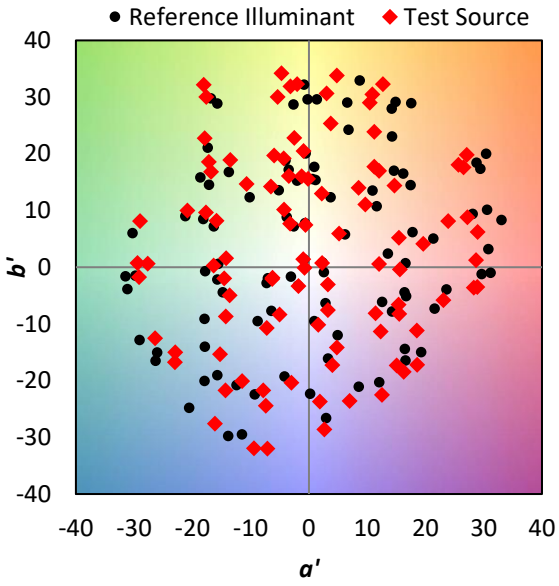
Summary

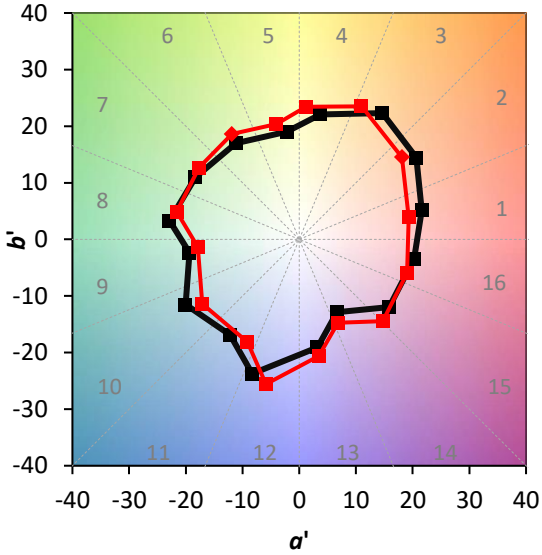
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R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

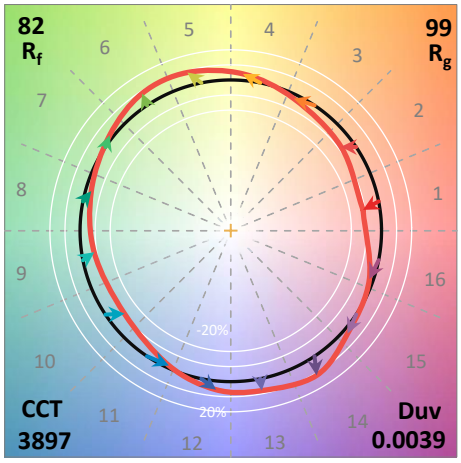
Spectral Power Distribution Comparison

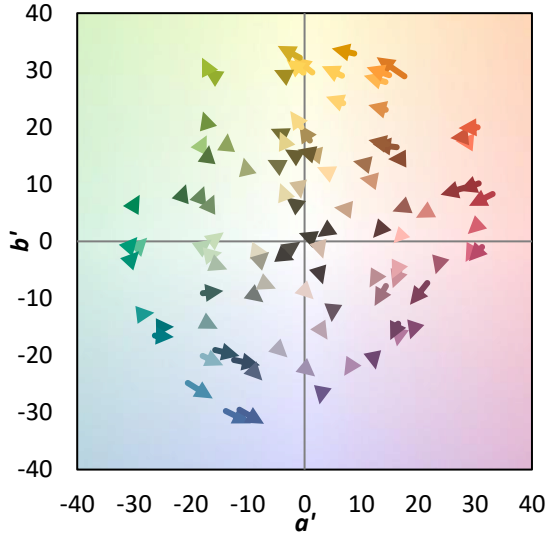


Color Vector Graphics







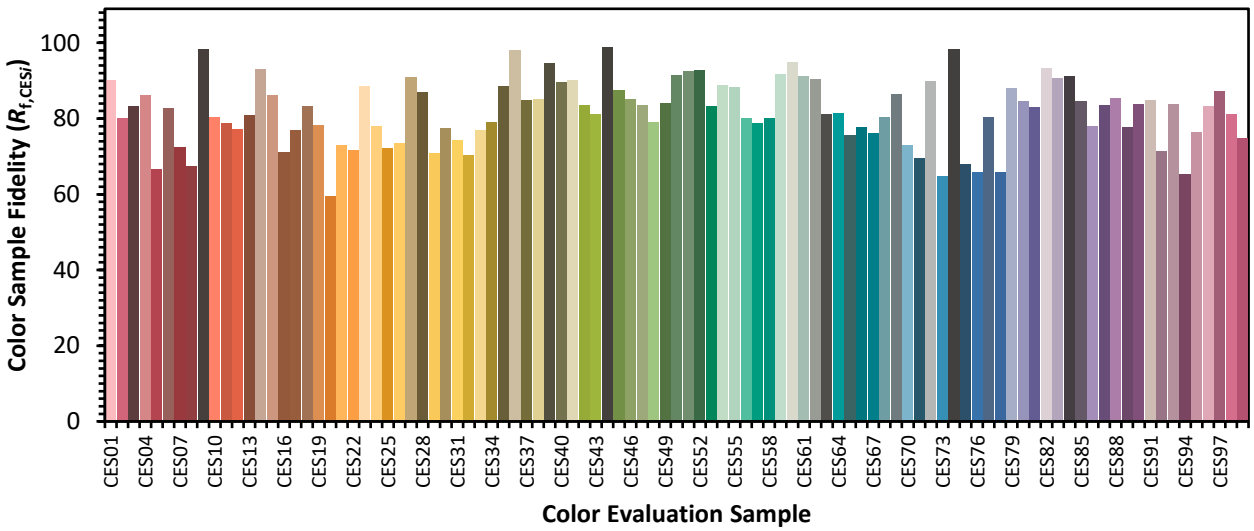


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Individual Sample Fidelity Index ($R_{f,i}$)

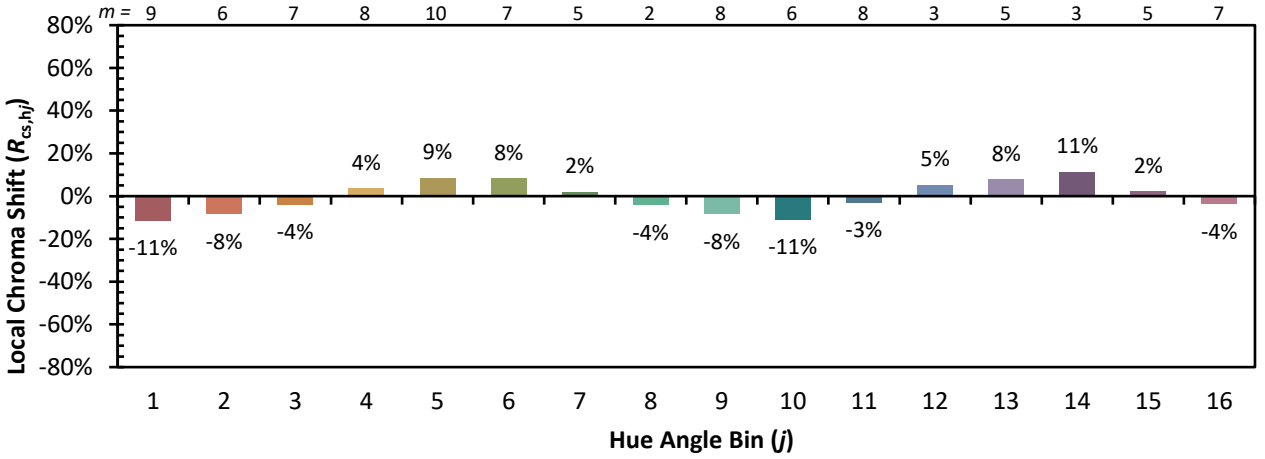
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82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

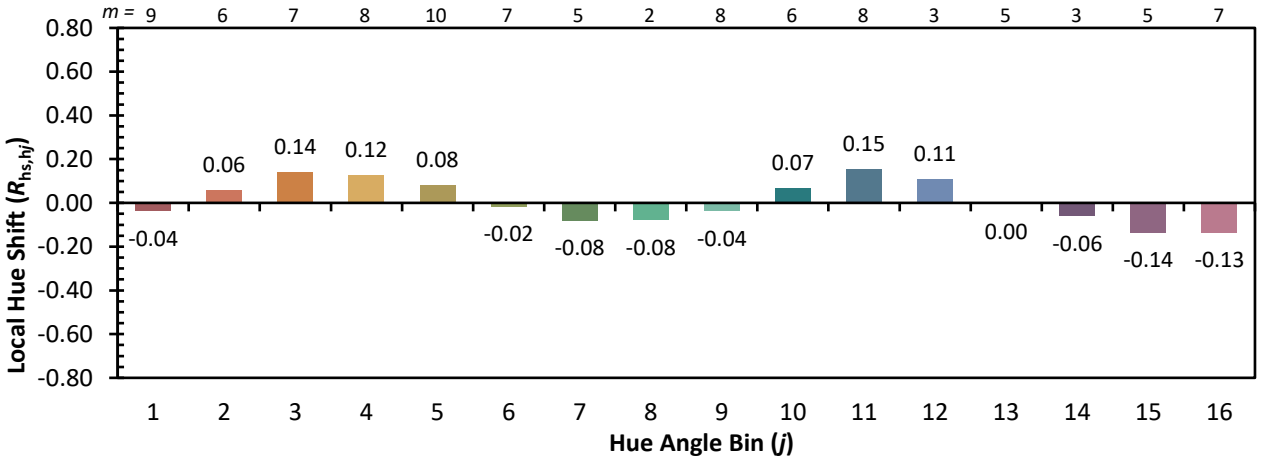


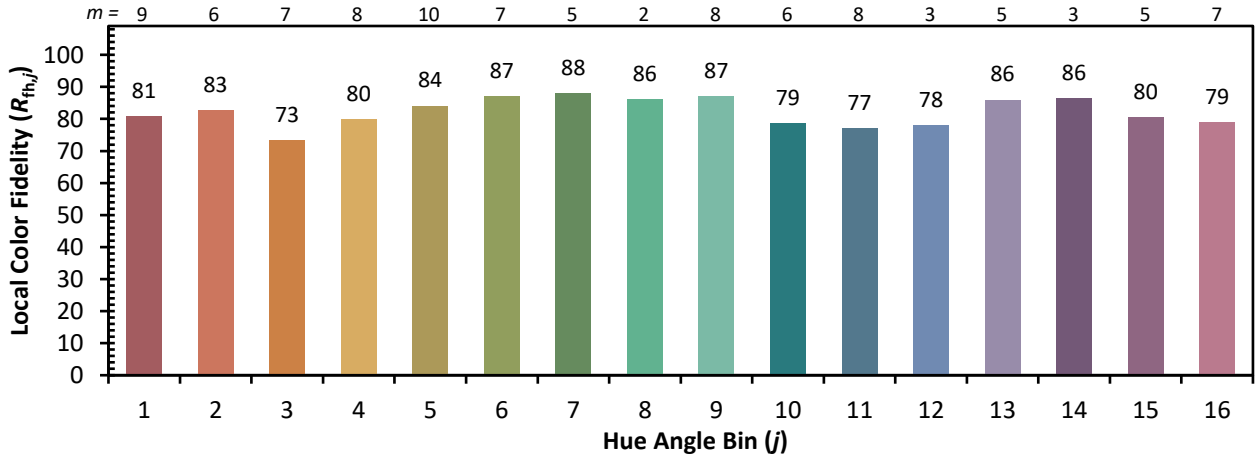
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Color Rendition by Hue-Angle Bin



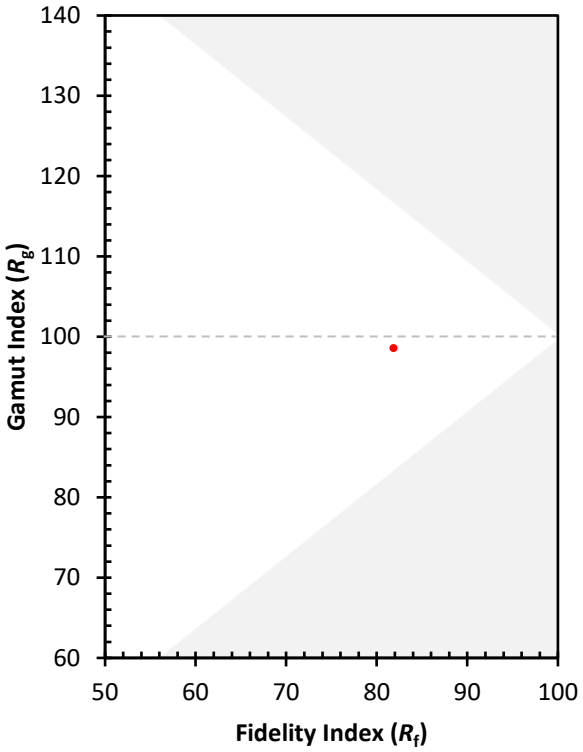


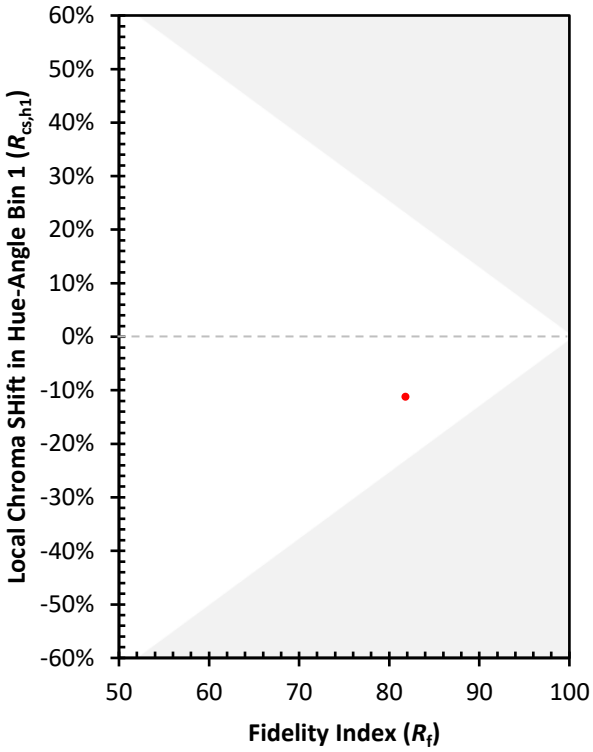


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Measure Comparisons





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