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: P1500801

Luminaire Tested: GSS-SB2A-840-U-T4LG

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:	P1500801
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2A-840-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 58W 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(52) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7973.8 lumens
Efficiency:	N/A
Efficacy:	137.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

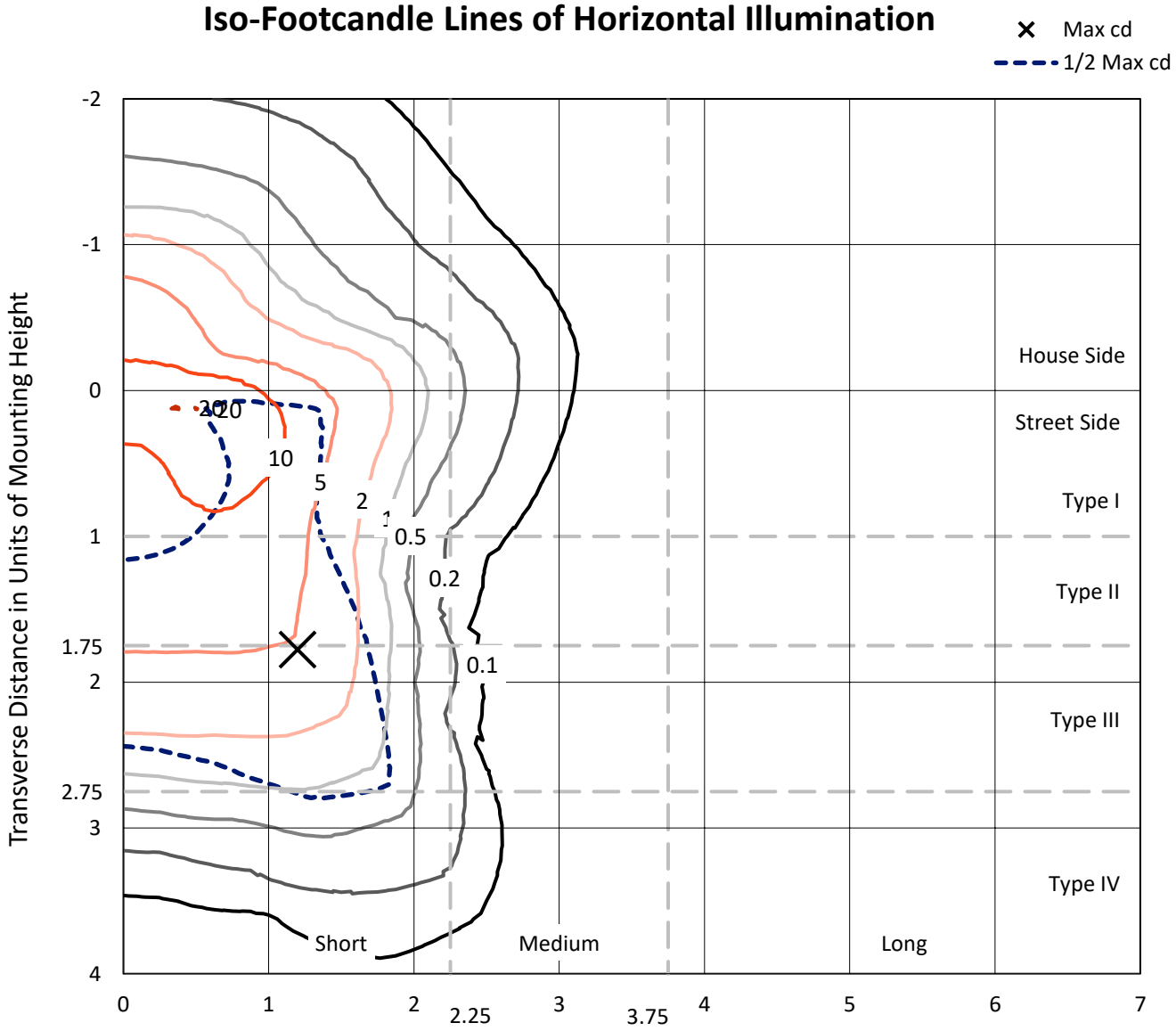
Input Watts (W):	58
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500801
CATALOG NUMBER: GSS-SB2A-840-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



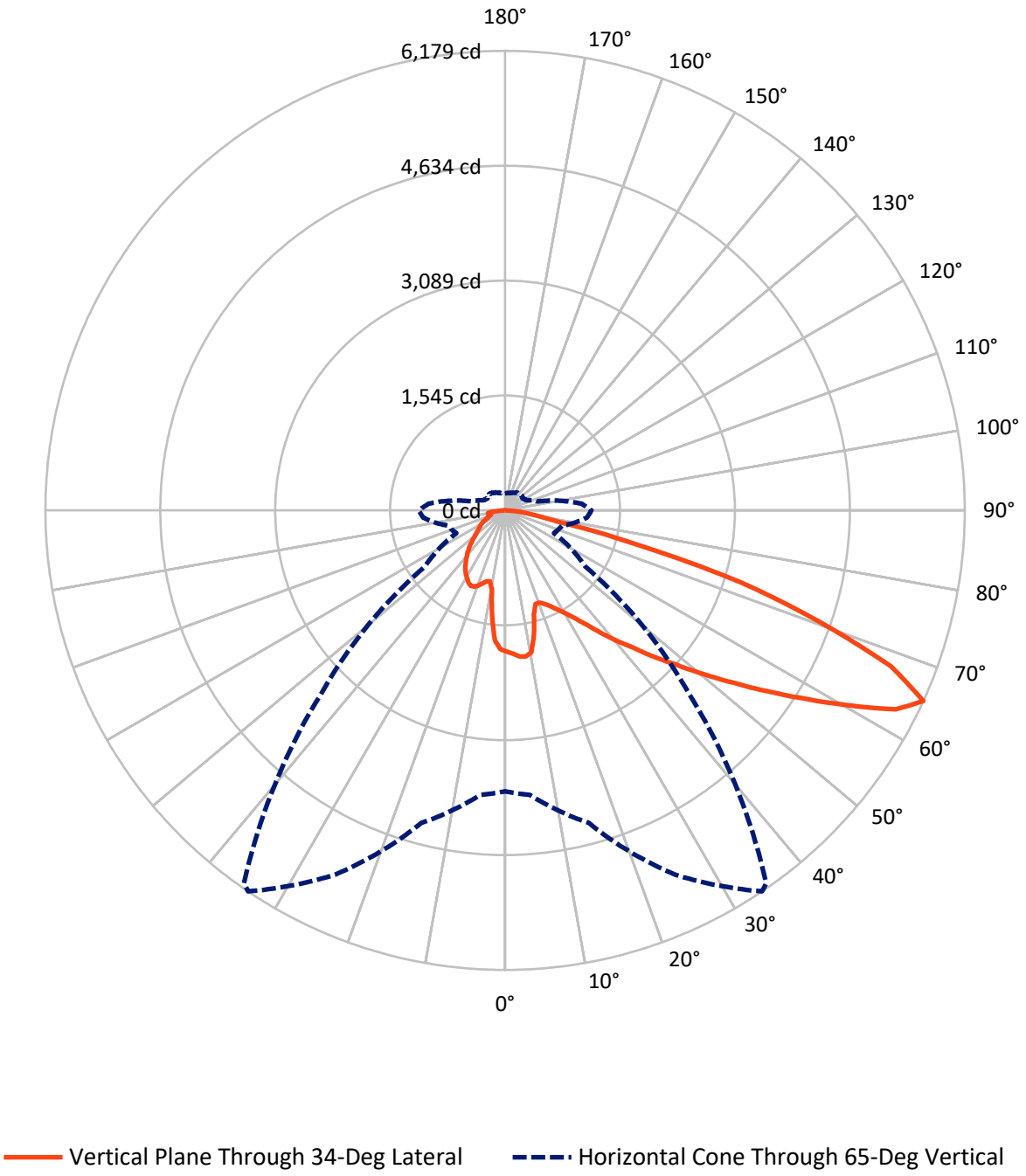
Based on 10 foot mounting height. Maximum calculated value = 20.1 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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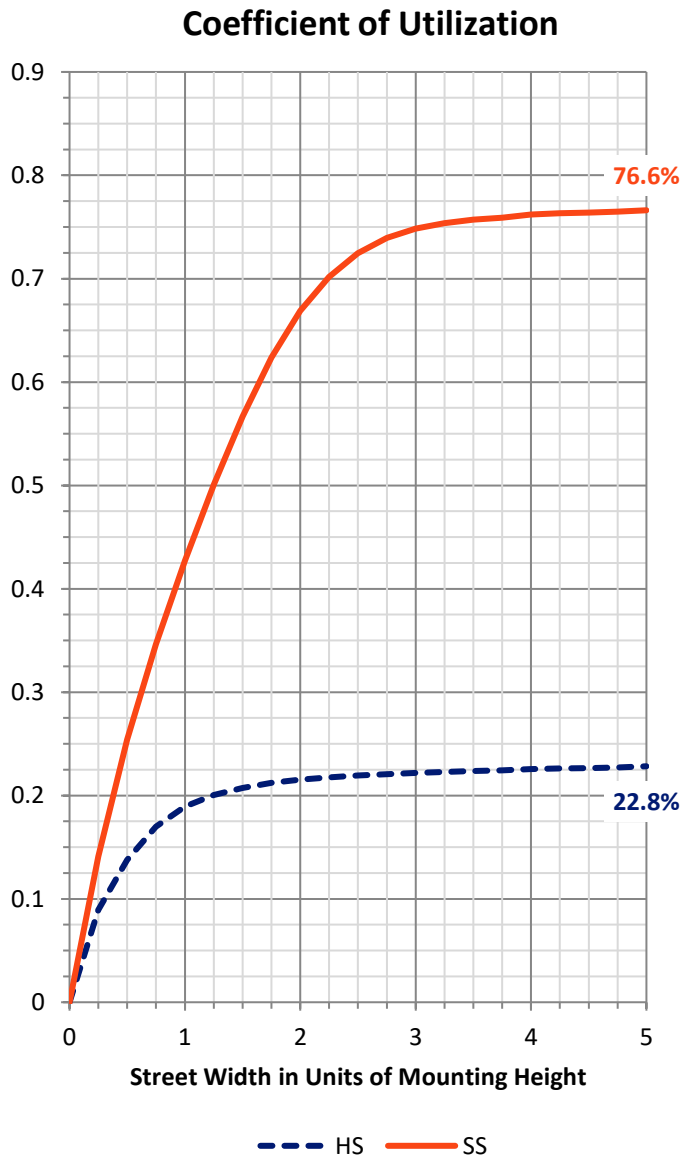
REPORT NUMBER: P1500801
CATALOG NUMBER: GSS-SB2A-840-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1855.2	0.0	1855.2
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	6118.7	0.0	6118.7
	% Fixture	76.7	0.0	76.7
Total	Lumens	7973.8	0.0	7973.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	170.9	2.1
10°-20°	430.2	5.4
20°-30°	713.0	8.9
30°-40°	1072.4	13.4
40°-50°	1502.4	18.8
50°-60°	1894.2	23.8
60°-70°	1629.2	20.4
70°-80°	484.4	6.1
80°-90°	77.3	1.0
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°	7973.8	100.0
0°-180°	7973.8	100.0



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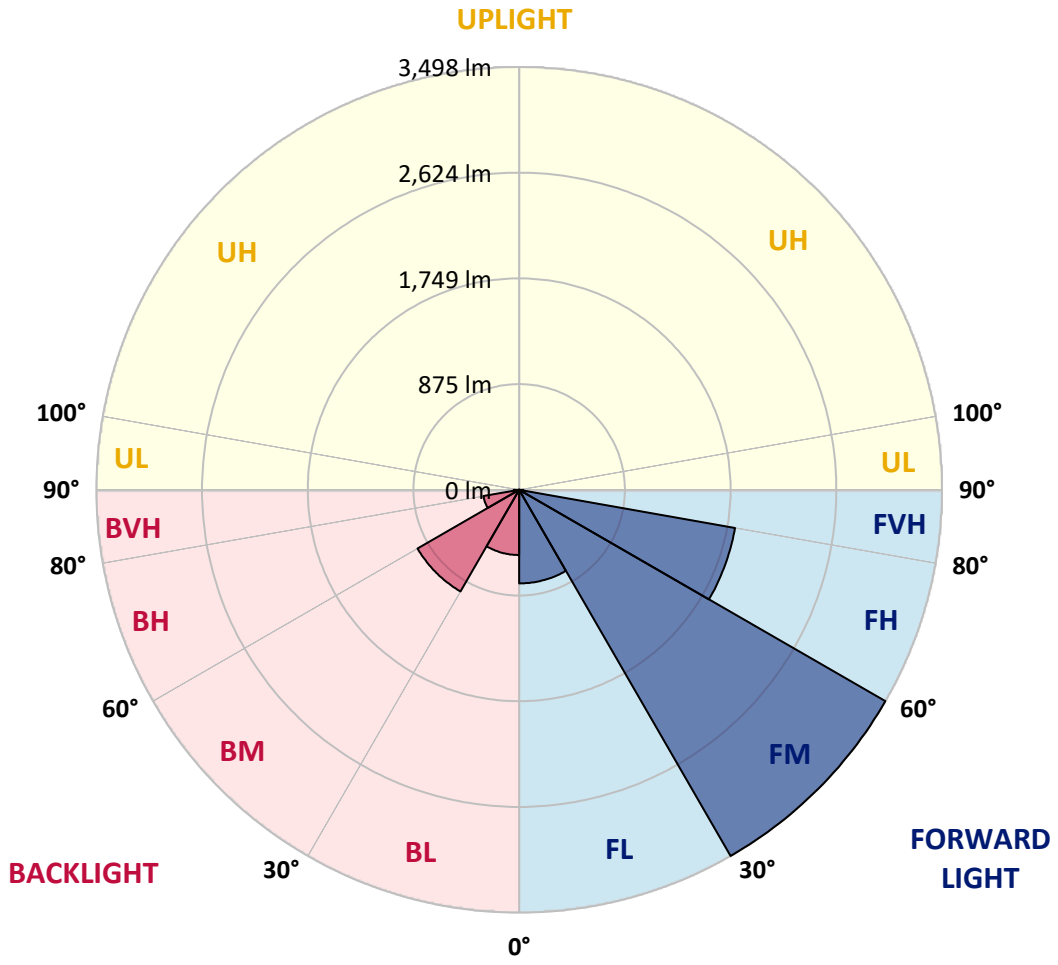
Scaled Data Report

REPORT NUMBER: P1500801
CATALOG NUMBER: GSS-SB2A-840-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	774.3	9.7			
FM	(30°-60°)	3498.4	43.9			
FH	(60°-80°)	1813.3	22.7			G2/5000
FVH	(80°-90°)	32.7	0.4			G1/100
BL	(0°-30°)	539.8	6.8	B2/1000		
BM	(30°-60°)	970.6	12.2	B1/1000		
BH	(60°-80°)	300.2	3.8	B1/500		G1/500
BVH	(80°-90°)	44.6	0.6			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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	1895.8	1895.8	1895.8	1895.8	*1895.8*	1895.8	1895.8	1895.8	1895.8	1895.8	1895.8
2.5°	1931.9	1942.8	1930.1	1924.7	*1926.5*	1928.3	1919.3	1921.1	1910.3	1910.3	1901.2
5°	1973.5	1975.3	1968.0	1973.5	*1971.6*	1969.8	1969.8	1968.0	1944.6	1939.1	1930.1
7.5°	1950.0	1957.2	1960.8	1980.7	*1986.1*	1996.9	2004.1	2007.8	1989.7	1975.3	1951.8
10°	1735.1	1740.5	1782.1	1872.3	*1941.0*	1953.6	2020.4	2058.3	2045.7	2038.5	1998.7
12.5°	1386.7	1395.7	1442.6	1560.0	*1720.7*	1755.0	1968.0	2096.2	2125.1	2126.9	2069.1
15°	1236.8	1236.8	1251.2	1318.0	*1448.0*	1475.1	1789.3	2107.1	2210.0	2222.6	2152.2
17.5°	1206.1	1204.3	1213.3	1253.0	*1321.7*	1337.9	1583.5	2051.1	2311.1	2332.8	2242.5
20°	1204.3	1198.9	1216.9	1262.1	*1321.7*	1336.1	1487.8	1953.6	2390.5	2459.1	2332.8
22.5°	1206.1	1206.1	1231.4	1296.4	*1365.0*	1377.6	1505.8	1872.3	2455.5	2590.9	2428.4
25°	1226.0	1222.3	1258.5	1337.9	*1431.8*	1440.8	1579.8	1868.7	2511.5	2739.0	2544.0
27.5°	1258.5	1260.3	1309.0	1404.7	*1511.2*	1529.3	1682.8	1946.4	2580.1	2901.5	2655.9
30°	1327.1	1328.9	1386.7	1484.2	*1606.9*	1630.4	1801.9	2061.9	2677.6	3076.6	2776.9
32.5°	1404.7	1413.7	1484.2	1597.9	*1729.7*	1742.3	1948.2	2235.3	2823.9	3251.8	2906.9
35°	1534.7	1543.7	1623.2	1742.3	*1888.6*	1906.6	2126.9	2435.7	3002.6	3428.7	3008.0
37.5°	1702.6	1709.8	1787.5	1931.9	*2087.2*	2105.3	2325.5	2648.7	3183.2	3569.5	3098.3
40°	1903.0	1919.3	2002.3	2143.2	*2300.3*	2311.1	2542.2	2854.6	3378.2	3667.0	3134.4
42.5°	2121.5	2137.8	2222.6	2377.9	*2522.3*	2554.8	2776.9	3073.0	3537.0	3710.4	3105.5
45°	2401.4	2397.8	2477.2	2639.7	*2809.4*	2822.1	3027.9	3253.6	3632.7	3674.3	3076.6
47.5°	2740.8	2744.4	2795.0	2926.8	*3101.9*	3130.8	3289.7	3408.9	3688.7	3645.4	3044.1
50°	3123.6	3132.6	3175.9	3271.6	*3459.4*	3479.3	3526.2	3517.2	3723.0	3584.0	3056.8
52.5°	3506.4	3511.8	3569.5	3670.7	*3853.0*	3867.5	3764.5	3600.2	3594.8	3336.6	3029.7
55°	3820.5	3818.7	3921.6	4076.9	*4299.0*	4290.0	3999.3	3537.0	3194.0	2952.1	2908.7
57.5°	4093.2	4104.0	4237.6	4506.6	*4786.5*	4779.3	4250.2	3203.0	2609.0	2497.1	2711.9
60°	4338.7	4364.0	4615.0	5017.6	*5326.3*	5283.0	4295.4	2699.3	2029.4	1955.4	2321.9
62.5°	4232.2	4279.1	4681.8	5467.2	*5891.5*	5795.8	4017.3	2090.8	1374.0	1307.2	1641.2
65°	*3777.2*	*3840.4*	*4351.3*	*5402.2*	*6178.5*	*6119.0*	*3511.8*	*1314.4*	*724.0*	*794.4*	*1105.0*
67.5°	3172.3	3248.2	3800.7	4853.3	*5589.9*	5461.7	2728.2	691.5	337.6	523.6	686.1
70°	1738.7	1926.5	2748.0	4127.5	*4477.7*	4299.0	1578.0	326.8	245.6	326.8	409.9
72.5°	653.6	698.7	1191.7	2775.1	*3316.8*	3096.5	599.4	211.2	205.8	241.9	296.1
75°	314.2	335.8	518.2	1262.1	*1811.0*	1688.2	294.3	157.1	176.9	189.6	214.9
77.5°	187.8	202.2	323.2	733.0	*713.2*	655.4	180.6	121.0	142.6	135.4	126.4
80°	111.9	124.6	196.8	417.1	*429.7*	381.0	110.1	84.9	99.3	86.7	77.6
82.5°	65.0	70.4	102.9	187.8	*272.6*	251.0	63.2	50.6	72.2	57.8	43.3
85°	32.5	34.3	46.9	81.2	*135.4*	102.9	27.1	23.5	34.3	25.3	14.4
87.5°	7.2	7.2	7.2	9.0	*12.6*	12.6	3.6	1.8	1.8	1.8	1.8
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: P1500801
CATALOG NUMBER: GSS-SB2A-840-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1895.8	1895.8	1895.8	1895.8	1895.8	1895.8	1895.8	1895.8	1895.8	1895.8	1895.8
2.5°	1899.4	1903.0	1890.4	1876.0	1872.3	1861.5	1865.1	1857.9	1847.1	1848.9	1850.7
5°	1917.5	1910.3	1885.0	1852.5	1823.6	1791.1	1753.2	1709.8	1679.1	1666.5	1677.3
7.5°	1933.7	1926.5	1883.2	1811.0	1713.5	1578.0	1437.2	1309.0	1220.5	1188.0	1195.3
10°	1978.9	1950.0	1870.5	1713.5	1480.5	1224.2	1081.5	1002.1	975.0	960.5	962.4
12.5°	2038.5	1998.7	1847.1	1543.7	1191.7	1029.2	978.6	960.5	951.5	947.9	951.5
15°	2110.7	2049.3	1791.1	1330.7	1058.0	994.9	984.0	985.8	985.8	987.6	987.6
17.5°	2173.9	2078.2	1690.0	1177.2	1031.0	1012.9	1023.7	1032.8	1032.8	1034.6	1032.8
20°	2231.6	2092.6	1560.0	1112.2	1036.4	1045.4	1070.7	1079.7	1081.5	1079.7	1079.7
22.5°	2293.0	2101.6	1430.0	1076.1	1049.0	1076.1	1103.2	1115.8	1119.4	1121.2	1123.0
25°	2352.6	2083.6	1323.5	1047.2	1043.6	1081.5	1112.2	1128.5	1132.1	1132.1	1133.9
27.5°	2412.2	2078.2	1251.2	1009.3	1018.3	1049.0	1085.1	1106.8	1121.2	1123.0	1124.8
30°	2480.8	2061.9	1182.6	958.7	962.4	1000.3	1038.2	1076.1	1105.0	1117.6	1117.6
32.5°	2527.8	2045.7	1121.2	904.6	904.6	944.3	991.2	1038.2	1079.7	1105.0	1110.4
35°	2572.9	2031.2	1067.1	850.4	852.2	890.1	938.9	989.4	1041.8	1072.5	1086.9
37.5°	2596.4	2016.8	1029.2	808.9	801.7	841.4	873.9	915.4	971.4	1021.9	1034.6
40°	2601.8	2016.8	1025.5	780.0	749.3	794.4	808.9	837.8	888.3	942.5	962.4
42.5°	2565.7	1996.9	1043.6	761.9	695.1	727.6	743.9	758.3	790.8	836.0	852.2
45°	2522.3	1969.8	1059.8	736.7	628.3	653.6	678.9	680.7	695.1	706.0	716.8
47.5°	2486.2	1941.0	1031.0	689.7	559.7	577.8	604.9	604.9	597.6	576.0	568.7
50°	2515.1	1950.0	982.2	622.9	496.5	509.2	538.0	521.8	505.6	460.4	455.0
52.5°	2540.4	1984.3	924.4	557.9	442.4	455.0	483.9	458.6	426.1	390.0	384.6
55°	2498.9	1986.1	817.9	485.7	404.4	415.3	442.4	411.7	381.0	359.3	355.7
57.5°	2374.3	1931.9	706.0	429.7	371.9	382.8	408.1	377.4	348.5	346.7	355.7
60°	2099.8	1742.3	603.0	393.6	341.2	353.9	379.2	346.7	308.7	292.5	297.9
62.5°	1585.3	1339.7	516.4	352.1	312.4	328.6	346.7	294.3	261.8	254.6	247.4
65°	*1159.2*	*1029.2*	*464.0*	*319.6*	*285.3*	*305.1*	*290.7*	*261.8*	*240.1*	*232.9*	*229.3*
67.5°	749.3	698.7	399.0	288.9	260.0	276.2	256.4	241.9	218.5	214.9	220.3
70°	458.6	474.9	334.0	254.6	234.7	231.1	234.7	220.3	195.0	200.4	207.6
72.5°	325.0	350.3	287.1	222.1	200.4	193.2	209.4	200.4	182.4	187.8	195.0
75°	232.9	260.0	236.5	182.4	169.7	166.1	195.0	200.4	187.8	191.4	196.8
77.5°	137.2	166.1	167.9	140.8	128.2	148.1	207.6	231.1	222.1	211.2	205.8
80°	88.5	99.3	119.2	90.3	90.3	128.2	227.5	281.7	241.9	214.9	211.2
82.5°	45.1	52.4	77.6	57.8	54.2	95.7	223.9	269.0	267.2	238.3	232.9
85°	12.6	16.2	36.1	25.3	21.7	50.6	167.9	202.2	180.6	131.8	133.6
87.5°	1.8	1.8	0.0	0.0	1.8	7.2	19.9	3.6	3.6	3.6	3.6
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

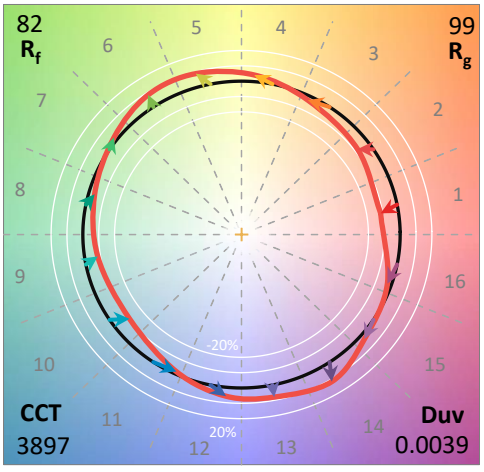
Test Information

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

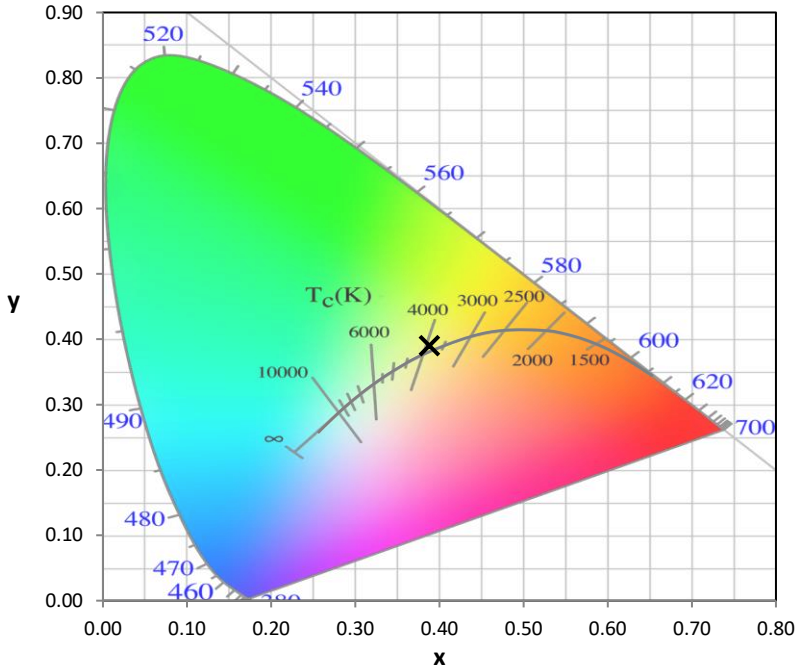
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

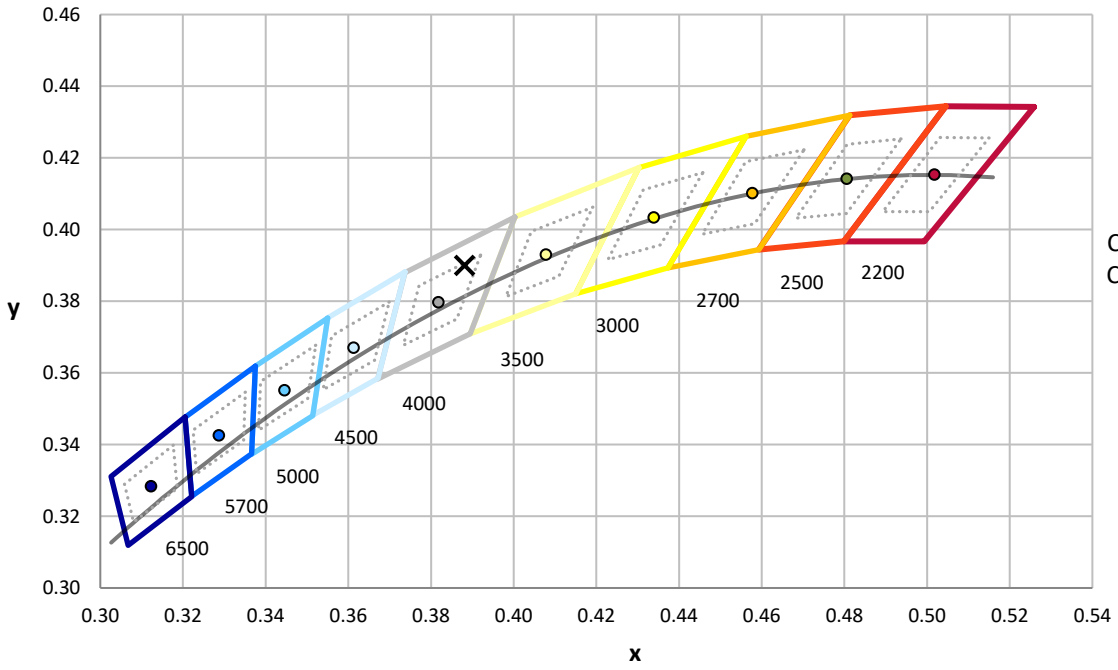
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

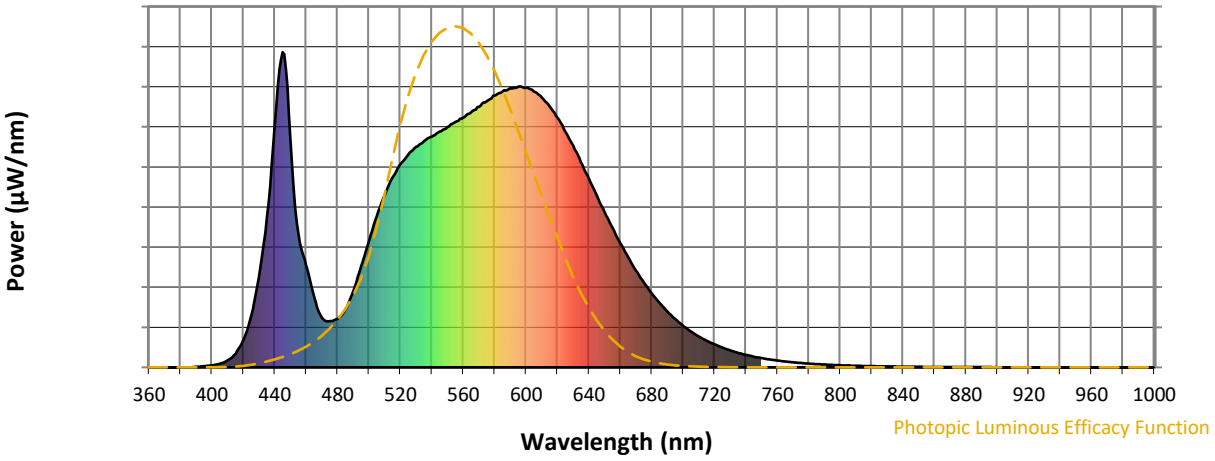


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

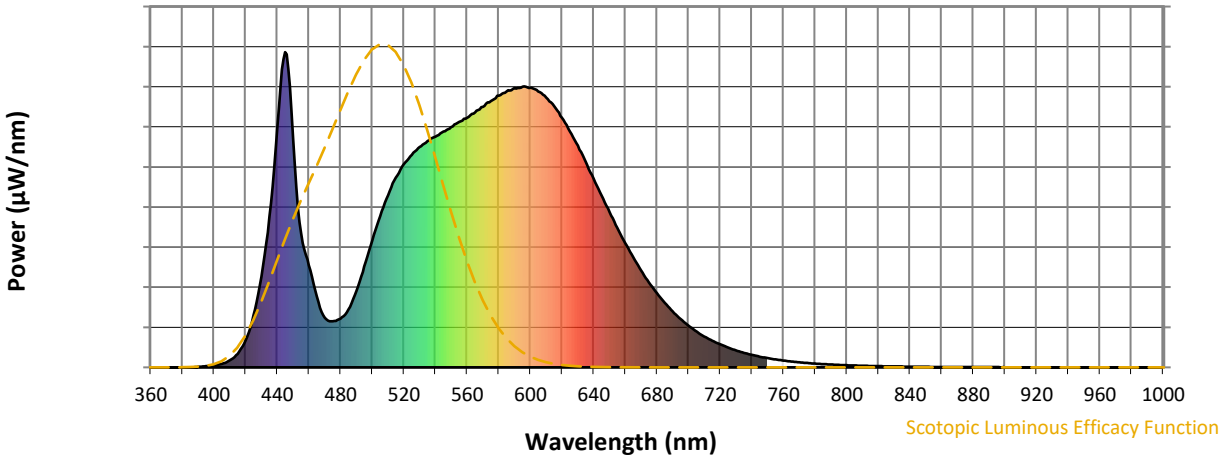


Photopic Lumens: NR

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

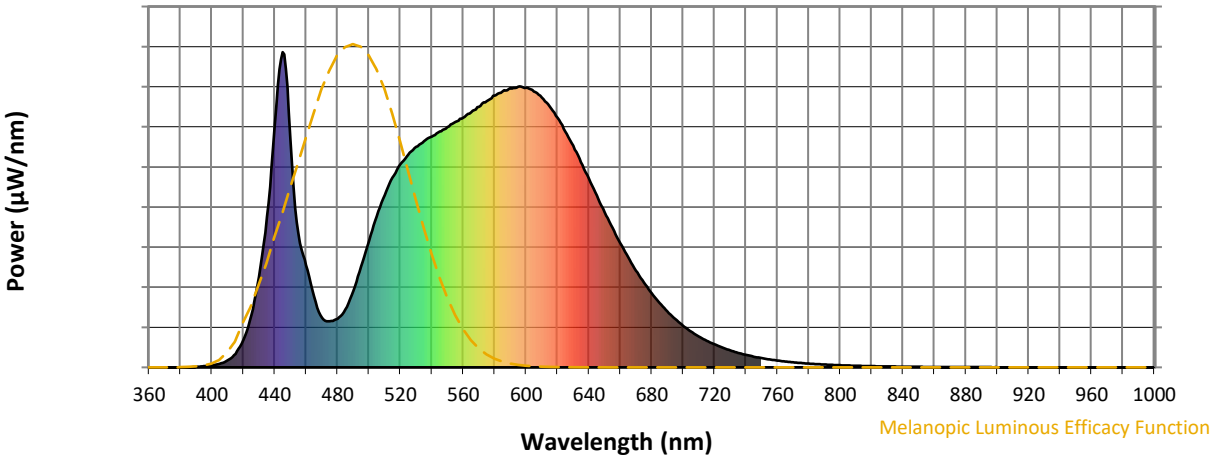


Scotopic Lumens: NR **S/P: 1.57**

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			

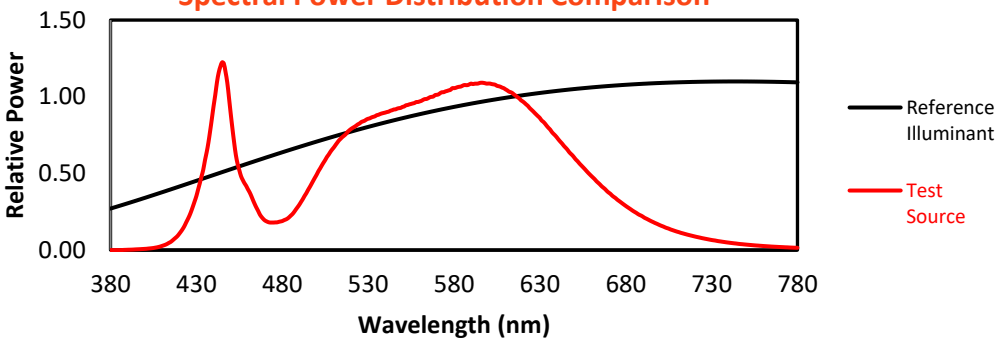
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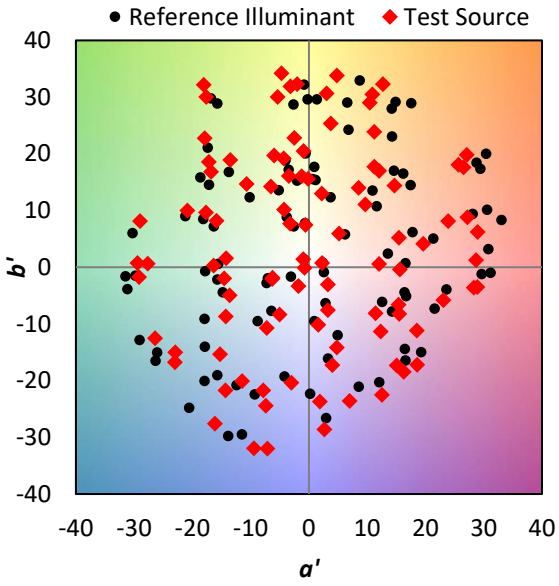
Summary

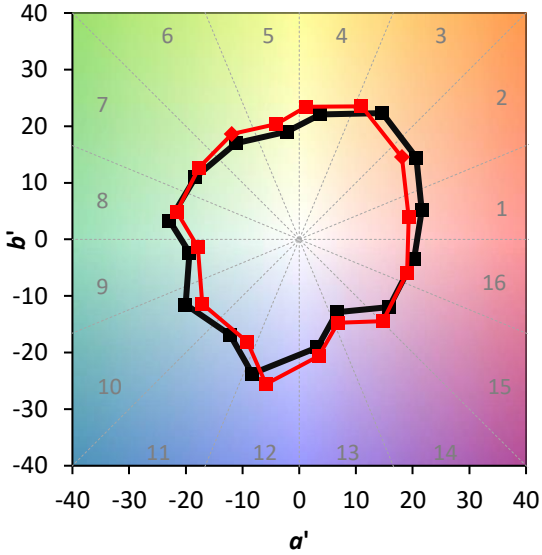
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R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

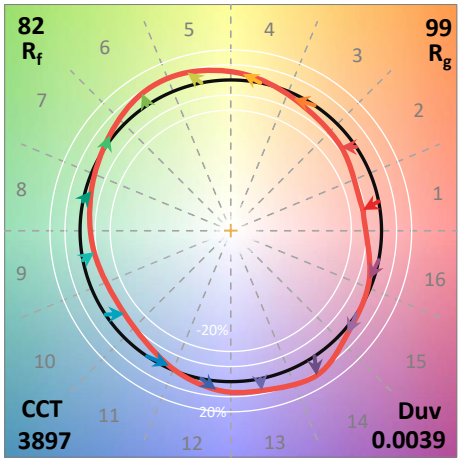
Spectral Power Distribution Comparison

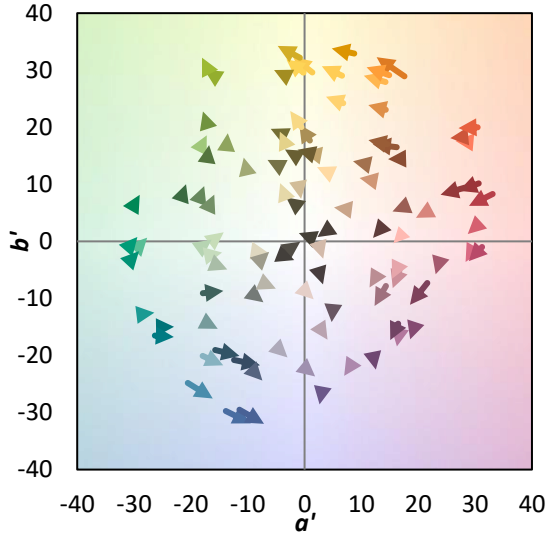


Color Vector Graphics







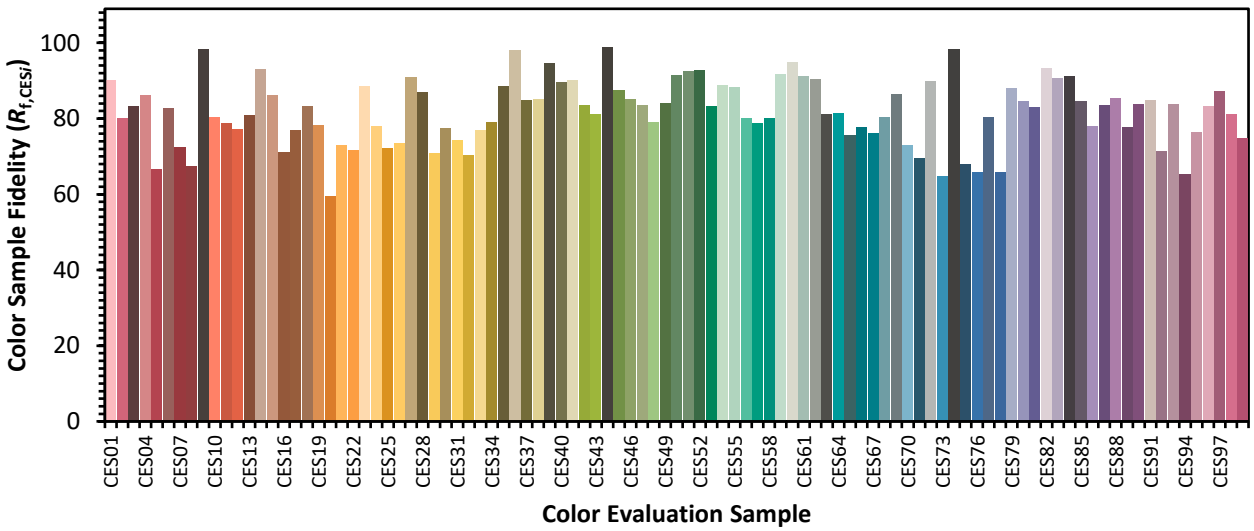


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Individual Sample Fidelity Index ($R_{f,i}$)

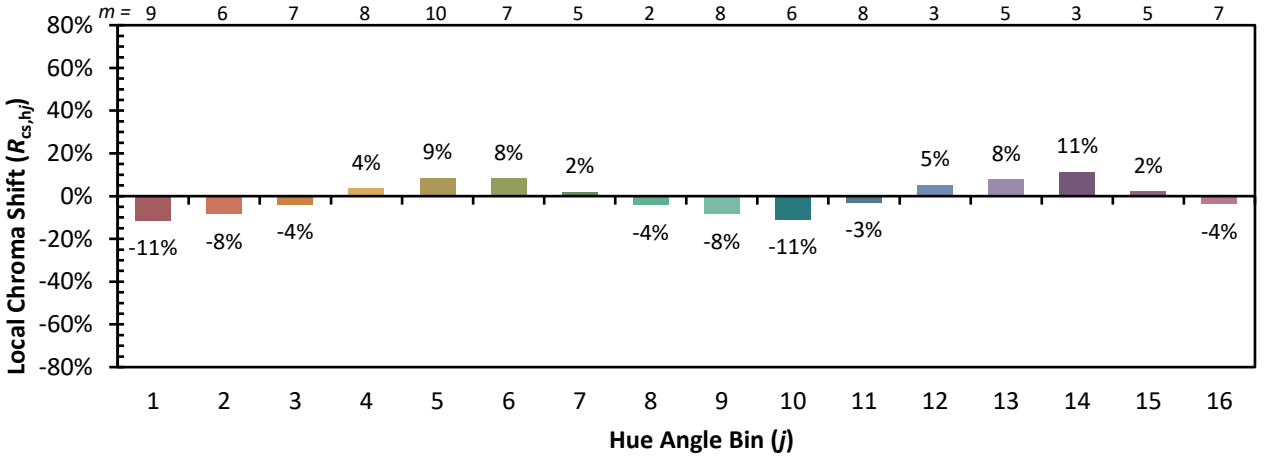
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82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

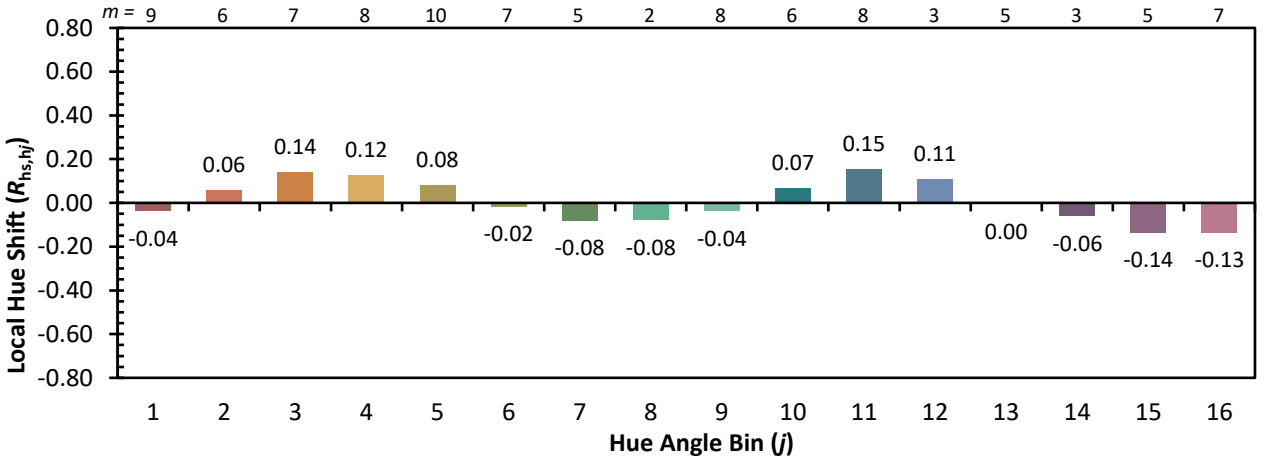


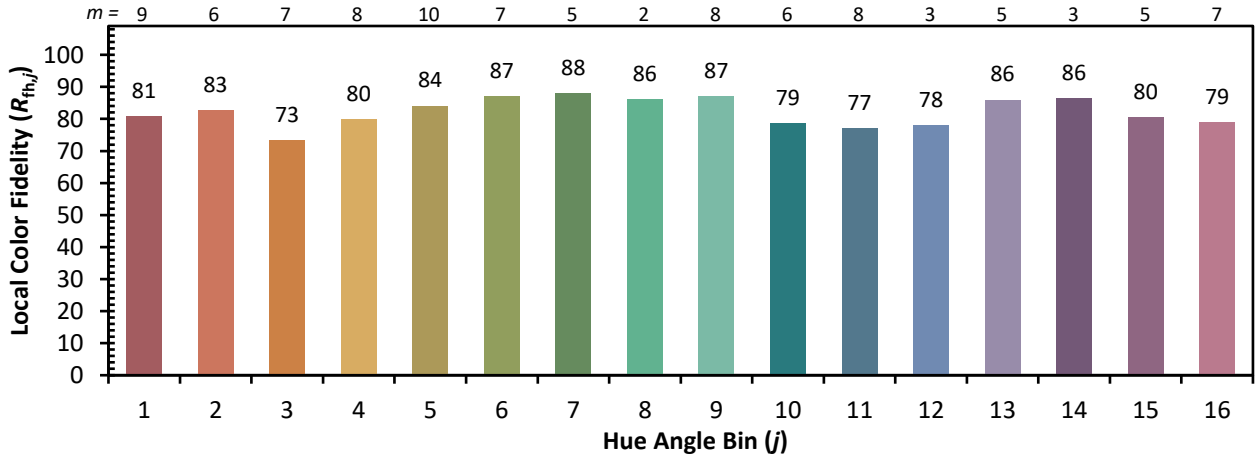
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Color Rendition by Hue-Angle Bin



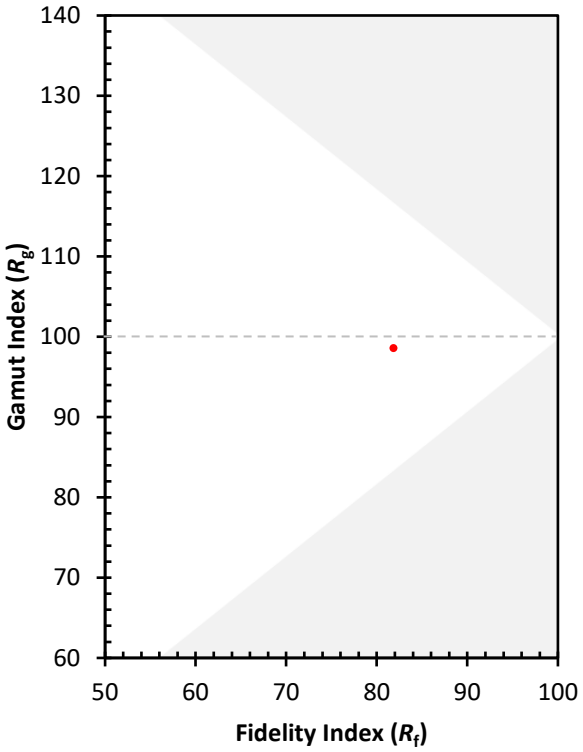


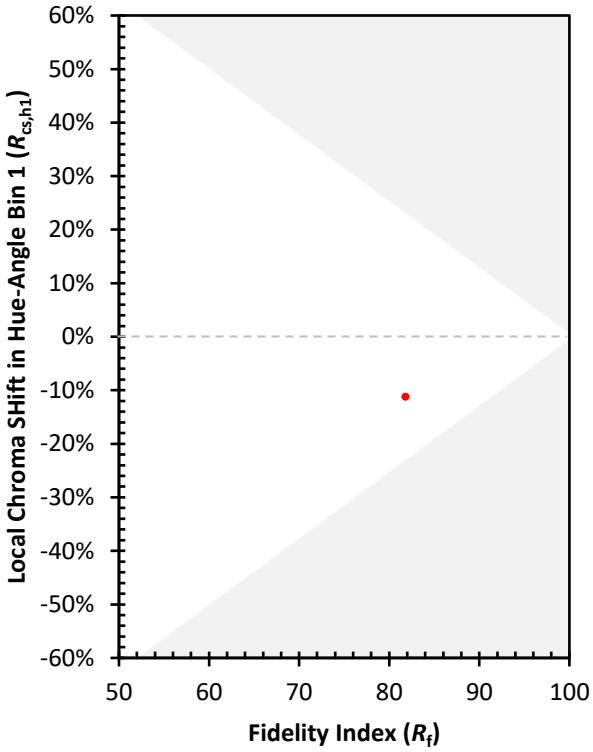


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Measure Comparisons





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