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: P1501185

Luminaire Tested: GSS-SB2A-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:	P1501185
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2A-840-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 58W 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(52) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8122.3 lumens
Efficiency:	N/A
Efficacy:	140.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G1

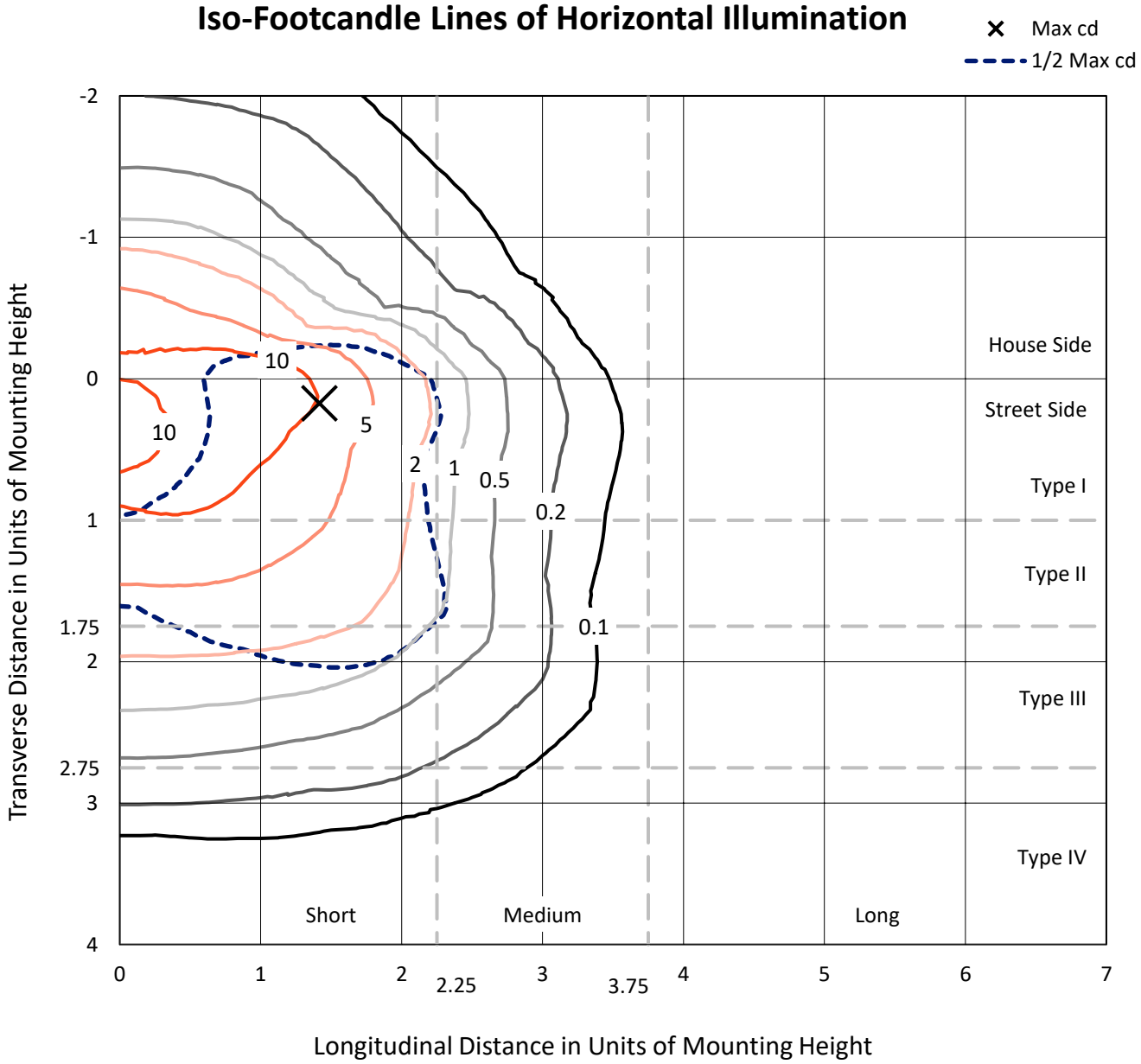
Input Watts (W):	58
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501185
CATALOG NUMBER: GSS-SB2A-840-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



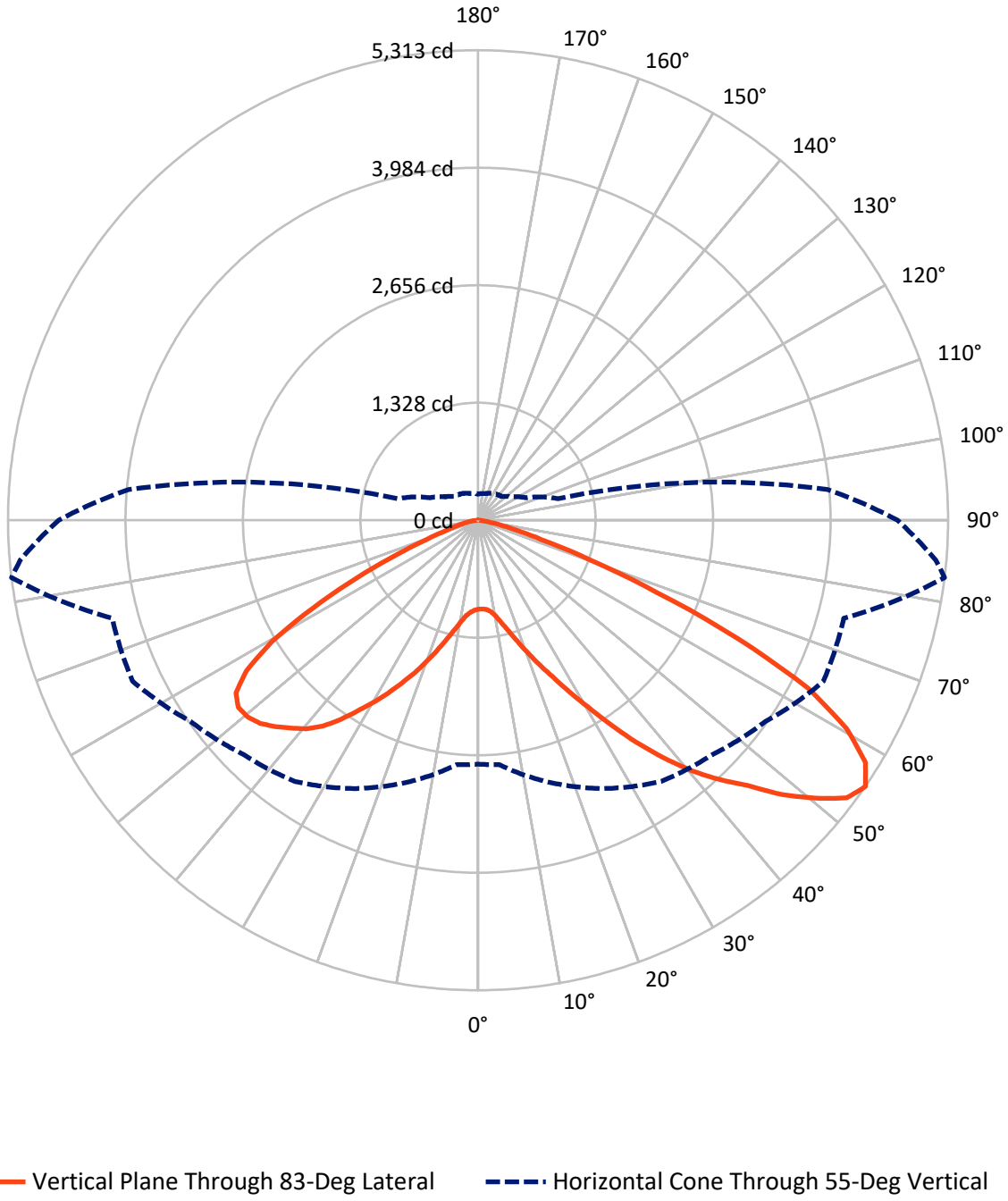
Based on 10 foot mounting height. Maximum calculated value = 17 fc
Type III - Short - N/A

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REPORT NUMBER: P1501185
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Luminous Intensity Polar Plot



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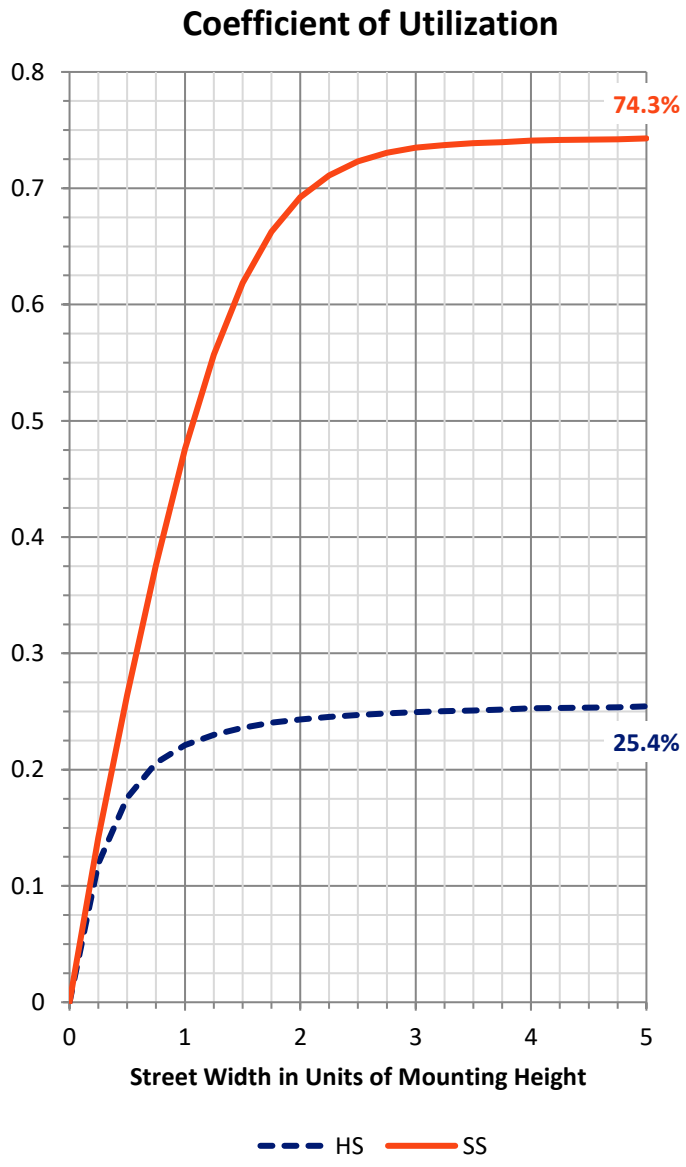
REPORT NUMBER: P1501185
CATALOG NUMBER: GSS-SB2A-840-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2084.3	0.0	2084.3
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	6038.0	0.0	6038.0
	% Fixture	74.3	0.0	74.3
Total	Lumens	8122.3	0.0	8122.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.2	1.2
10°-20°	316.5	3.9
20°-30°	633.6	7.8
30°-40°	1127.3	13.9
40°-50°	1698.7	20.9
50°-60°	2070.0	25.5
60°-70°	1673.9	20.6
70°-80°	458.5	5.6
80°-90°	46.7	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°	8122.3	100.0
0°-180°	8122.3	100.0



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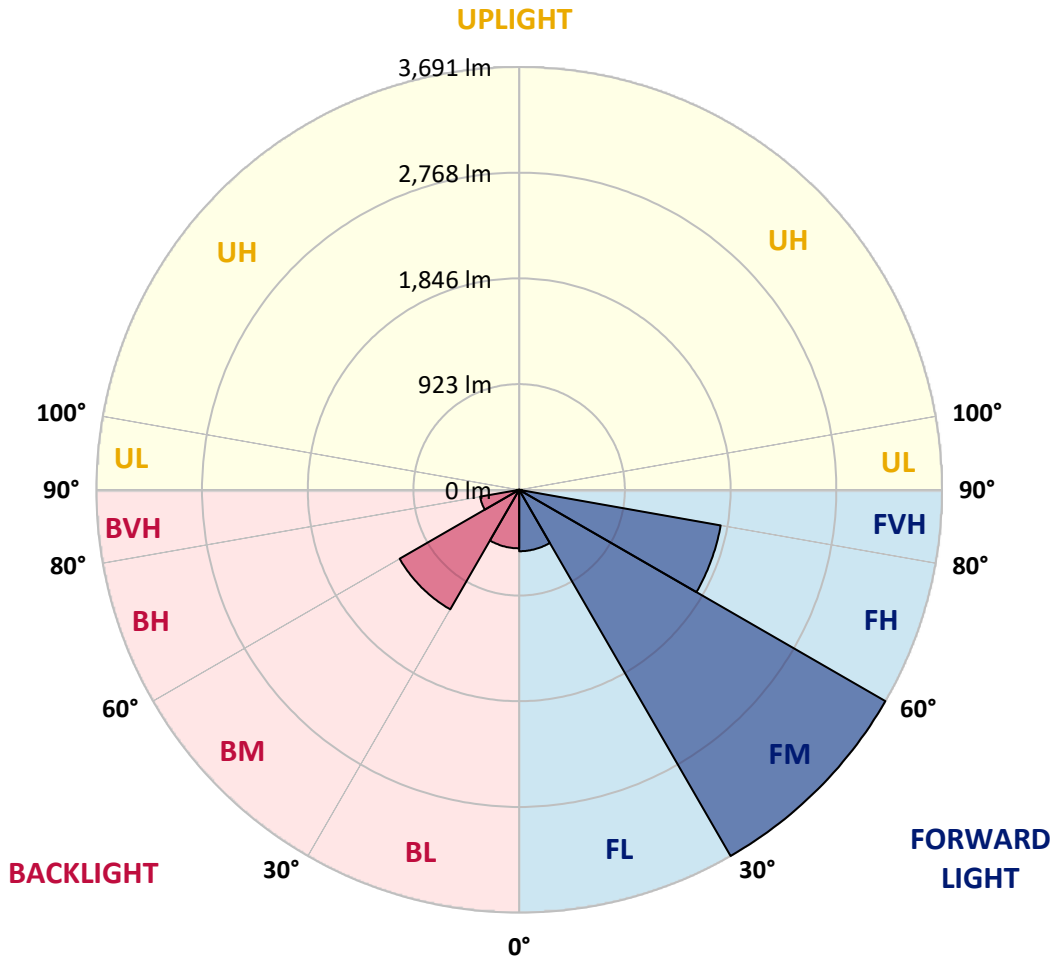
Scaled Data Report

REPORT NUMBER: P1501185
CATALOG NUMBER: GSS-SB2A-840-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	536.3	6.6			
FM	(30°-60°)	3691.0	45.4			
FH	(60°-80°)	1786.3	22.0			G1/1800
FVH	(80°-90°)	24.3	0.3			G1/100
BL	(0°-30°)	510.9	6.3	B2/1000		
BM	(30°-60°)	1205.0	14.8	B2/2500		
BH	(60°-80°)	346.1	4.3	B1/500		G1/500
BVH	(80°-90°)	22.4	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-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	1005.5	1005.5	1005.5	1005.5	1005.5	1005.5	1005.5	1005.5	1005.5	*1005.5*	1005.5
2.5°	976.6	974.8	973.0	971.2	974.8	980.2	985.6	989.2	998.2	*1005.5*	1001.8
5°	899.0	895.3	899.0	913.4	926.0	947.7	969.4	983.8	1003.7	*1012.7*	1016.3
7.5°	830.4	826.8	830.4	848.4	870.1	904.4	949.5	985.6	1021.7	*1043.4*	1047.0
10°	830.4	832.2	832.2	839.4	850.2	884.5	938.7	1007.3	1070.4	*1101.1*	1108.4
12.5°	857.4	857.4	857.4	866.5	873.7	900.8	962.1	1047.0	1148.1	*1193.2*	1198.6
15°	893.5	891.7	897.2	902.6	915.2	942.3	1003.7	1104.7	1232.9	*1301.5*	1308.7
17.5°	944.1	940.5	945.9	958.5	976.6	1007.3	1068.6	1184.2	1350.2	*1436.9*	1447.7
20°	1000.0	998.2	1009.1	1028.9	1054.2	1092.1	1162.5	1279.8	1483.8	*1593.9*	1613.8
22.5°	1066.8	1063.2	1083.1	1119.2	1153.5	1196.8	1281.6	1404.4	1637.3	*1769.0*	1788.9
25°	1142.6	1142.6	1169.7	1213.0	1265.4	1343.0	1427.9	1563.2	1817.8	*1958.6*	1989.3
27.5°	1267.2	1276.2	1287.1	1332.2	1406.2	1510.9	1601.2	1754.6	2014.5	*2191.4*	2202.3
30°	1469.4	1465.8	1483.8	1514.5	1575.9	1686.0	1821.4	1985.6	2263.6	*2449.6*	2476.6
32.5°	1651.7	1657.1	1682.4	1740.1	1814.2	1908.0	2070.5	2272.7	2534.4	*2749.2*	2761.9
35°	1835.8	1839.4	1888.2	1974.8	2084.9	2189.6	2366.5	2565.1	2828.6	*3083.2*	3117.5
37.5°	2094.0	2090.3	2139.1	2213.1	2361.1	2523.6	2666.2	2855.7	3110.2	*3408.1*	3447.8
40°	2287.1	2307.0	2399.0	2492.9	2631.9	2799.8	2920.7	3099.4	3341.3	*3725.8*	3761.9
42.5°	2485.7	2501.9	2624.7	2765.5	2911.7	3025.4	3119.3	3285.3	3525.4	*4007.4*	4027.2
45°	2649.9	2671.6	2812.4	2991.1	3142.7	3258.3	3290.8	3446.0	3713.2	*4278.2*	4308.8
47.5°	2754.6	2778.1	2944.2	3153.6	3308.8	3431.6	3420.7	3639.1	3913.5	*4637.4*	4626.6
50°	2826.8	2841.3	3021.8	3245.6	3447.8	3529.0	3576.0	3857.6	4119.3	*4938.8*	4899.1
52.5°	2879.2	2902.7	3066.9	3312.4	3525.4	3631.9	3758.3	4110.3	4261.9	*5215.0*	5126.6
55°	*2756.4*	*2774.5*	*3063.3*	*3346.7*	*3604.8*	*3745.6*	*3965.9*	*4307.0*	*4280.0*	*5312.5*	*5193.4*
57.5°	2630.1	2644.5	2911.7	3337.7	3691.5	3886.4	4202.3	4332.3	4119.3	*5162.7*	5012.8
60°	2471.2	2482.1	2749.2	3242.0	3693.3	3996.6	4323.3	4148.2	3821.5	*4785.4*	4642.8
62.5°	2178.8	2178.8	2473.0	2983.9	3603.0	4052.5	4290.8	3799.8	3422.5	*4191.5*	3994.8
65°	1890.0	1877.3	2075.9	2523.6	3363.0	4038.1	4047.1	3359.3	2803.4	*3233.0*	3079.6
67.5°	1575.9	1577.7	1695.0	2048.8	2723.9	3736.6	3532.6	2595.8	1953.2	*2177.0*	2097.6
70°	1066.8	1093.9	1213.0	1487.4	2054.2	2648.1	2812.4	1758.2	1218.5	*1352.0*	1287.1
72.5°	406.2	411.6	550.6	779.8	1297.9	1592.1	1962.2	983.8	713.0	*745.5*	749.1
75°	171.5	178.7	234.7	328.5	575.8	868.3	1032.5	498.2	433.2	*445.9*	442.3
77.5°	115.5	119.1	142.6	176.9	259.9	348.4	431.4	281.6	265.4	*249.1*	241.9
80°	86.6	86.6	102.9	119.1	146.2	178.7	187.7	142.6	158.9	*131.8*	128.2
82.5°	56.0	59.6	65.0	70.4	83.0	88.5	75.8	77.6	92.1	*68.6*	65.0
85°	27.1	28.9	30.7	32.5	32.5	30.7	27.1	34.3	46.9	*28.9*	27.1
87.5°	3.6	3.6	3.6	3.6	3.6	3.6	1.8	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: P1501185
CATALOG NUMBER: GSS-SB2A-840-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1005.5	1005.5	1005.5	1005.5	1005.5	1005.5	1005.5	1005.5	1005.5	1005.5	1005.5
2.5°	1007.3	1014.5	1019.9	1023.5	1032.5	1030.7	1036.1	1039.8	1043.4	1048.8	1041.6
5°	1025.3	1038.0	1052.4	1063.2	1074.1	1079.5	1081.3	1084.9	1086.7	1090.3	1088.5
7.5°	1065.0	1079.5	1101.1	1112.0	1121.0	1121.0	1115.6	1113.8	1108.4	1112.0	1112.0
10°	1131.8	1153.5	1176.9	1178.8	1167.9	1155.3	1135.4	1124.6	1110.2	1106.5	1102.9
12.5°	1229.3	1258.2	1276.2	1263.6	1225.7	1178.8	1126.4	1077.7	1039.8	1023.5	1019.9
15°	1339.4	1375.5	1379.1	1343.0	1274.4	1160.7	1050.6	996.4	976.6	976.6	974.8
17.5°	1491.0	1516.3	1501.9	1415.2	1261.8	1075.9	996.4	987.4	992.8	1000.0	1000.0
20°	1649.9	1678.8	1619.2	1465.8	1184.2	1025.3	1001.8	1009.1	1021.7	1028.9	1027.1
22.5°	1839.4	1853.9	1738.3	1467.6	1101.1	1012.7	1012.7	1021.7	1030.7	1041.6	1041.6
25°	2034.4	2029.0	1848.5	1400.8	1054.2	1009.1	1005.5	1012.7	1016.3	1021.7	1019.9
27.5°	2252.8	2223.9	1933.3	1294.3	1039.8	998.2	980.2	973.0	976.6	982.0	983.8
30°	2503.7	2435.1	2001.9	1227.5	1034.3	973.0	929.6	909.8	906.2	913.4	913.4
32.5°	2794.3	2646.3	2043.4	1218.5	1028.9	927.8	870.1	832.2	824.9	828.6	837.6
35°	3092.2	2900.8	2032.6	1241.9	1030.7	891.7	806.9	756.4	749.1	752.7	761.8
37.5°	3404.5	3142.7	1991.1	1278.0	1016.3	843.0	749.1	687.8	676.9	684.1	687.8
40°	3646.4	3346.7	1888.2	1292.5	991.0	781.6	682.3	630.0	601.1	599.3	608.3
42.5°	3870.2	3507.4	1776.2	1269.0	938.7	716.6	613.7	561.4	516.3	482.0	482.0
45°	4094.0	3669.8	1662.5	1202.2	852.0	648.0	541.5	471.1	418.8	393.5	395.3
47.5°	4317.9	3826.9	1527.1	1101.1	765.4	575.8	463.9	408.0	371.9	352.0	352.0
50°	4525.5	3940.6	1353.8	940.5	666.1	503.6	409.8	377.3	350.2	332.1	328.5
52.5°	4707.8	4016.4	1119.2	745.5	557.8	422.4	380.9	355.6	335.8	315.9	310.5
55°	*4740.3*	*3965.9*	*936.9*	*599.3*	*460.3*	*379.1*	*359.2*	*337.6*	*310.5*	*301.5*	*296.0*
57.5°	4539.9	3698.7	790.6	505.4	393.5	348.4	341.2	315.9	294.2	285.2	279.8
60°	4198.7	3213.1	653.5	433.2	350.2	319.5	328.5	303.3	269.0	263.5	258.1
62.5°	3585.0	2507.3	521.7	364.6	317.7	297.8	306.9	270.8	241.9	234.7	232.9
65°	2787.1	1794.3	438.6	321.3	292.4	276.2	272.6	240.1	218.4	213.0	213.0
67.5°	1945.9	1140.8	366.4	294.2	259.9	249.1	247.3	225.6	211.2	205.8	205.8
70°	1191.4	691.4	308.7	269.0	229.3	209.4	222.0	218.4	196.8	191.3	189.5
72.5°	619.2	413.4	270.8	247.3	193.1	178.7	198.6	200.4	182.3	189.5	187.7
75°	359.2	287.0	236.5	218.4	153.4	149.8	173.3	191.3	176.9	182.3	178.7
77.5°	205.8	184.1	182.3	178.7	120.9	122.7	155.2	171.5	151.6	157.0	144.4
80°	113.7	119.1	126.4	111.9	84.8	95.7	124.6	137.2	115.5	113.7	104.7
82.5°	59.6	74.0	84.8	72.2	48.7	57.8	84.8	84.8	74.0	70.4	68.6
85°	27.1	30.7	39.7	36.1	18.1	21.7	39.7	43.3	37.9	34.3	32.5
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	3.6	5.4	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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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

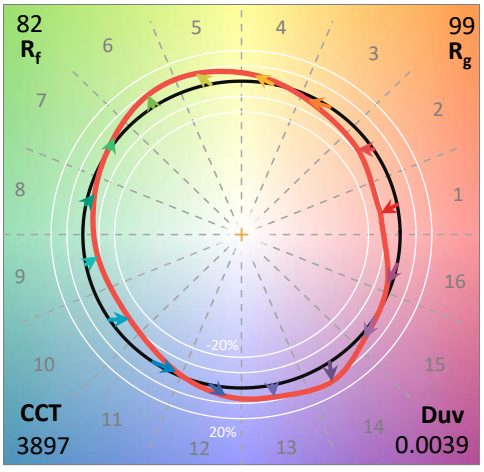
Test Information

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

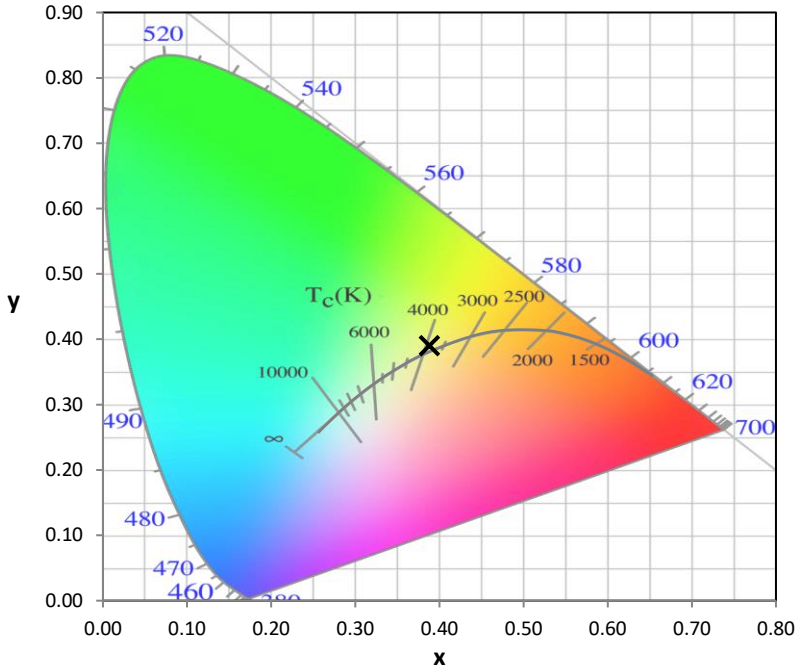
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

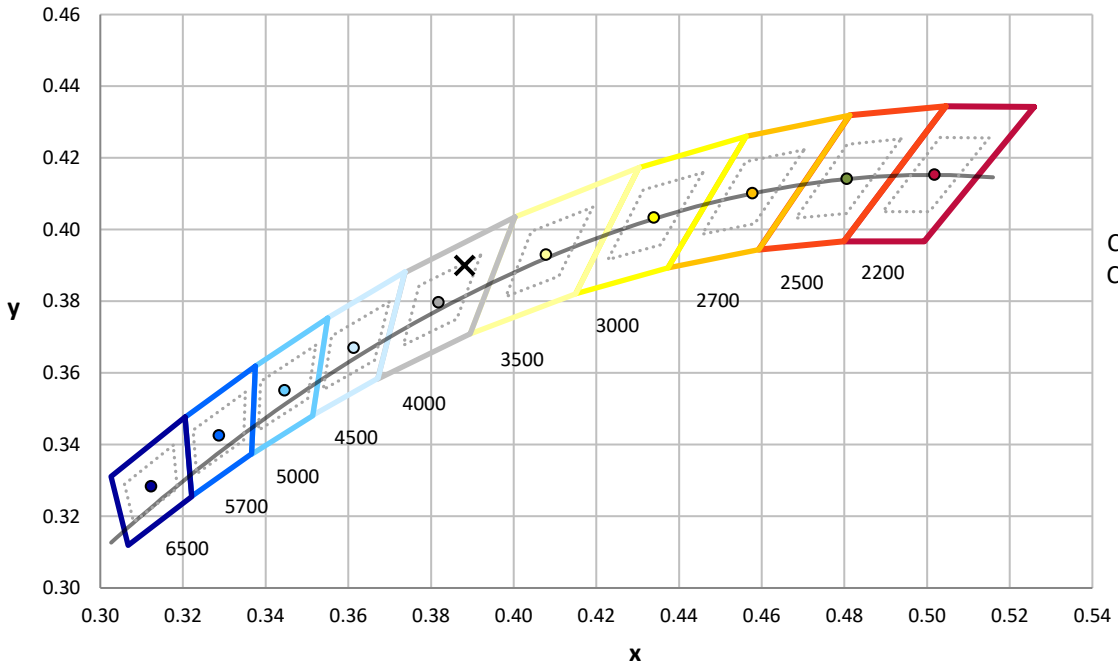
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

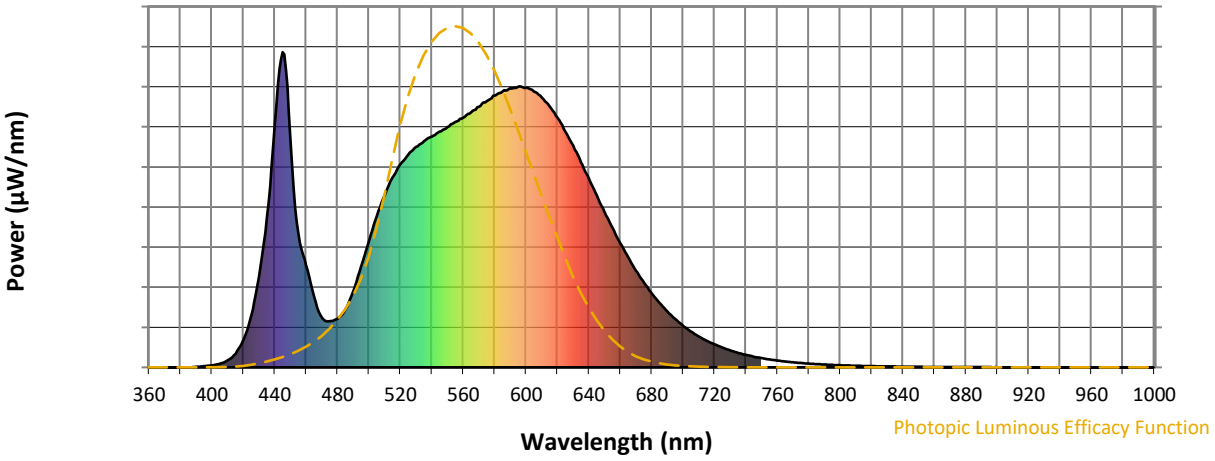


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

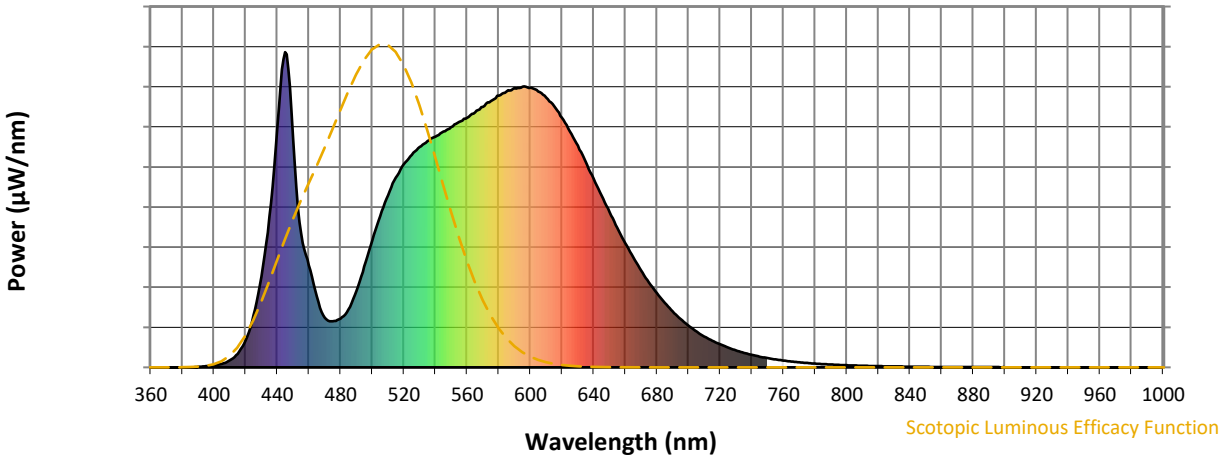


Photopic Lumens: NR

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

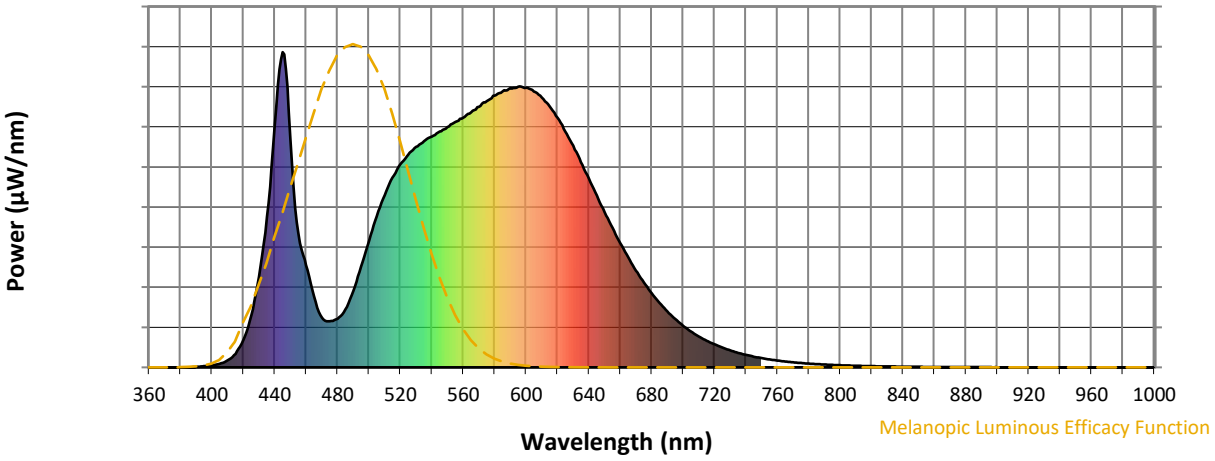


Scotopic Lumens: NR **S/P: 1.57**

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			

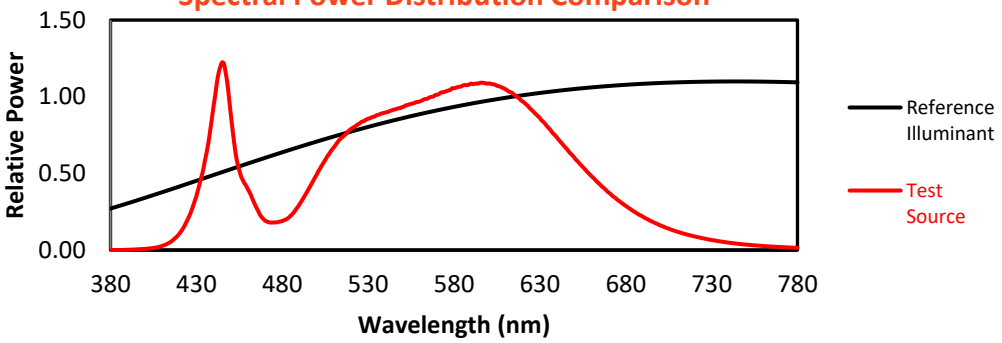
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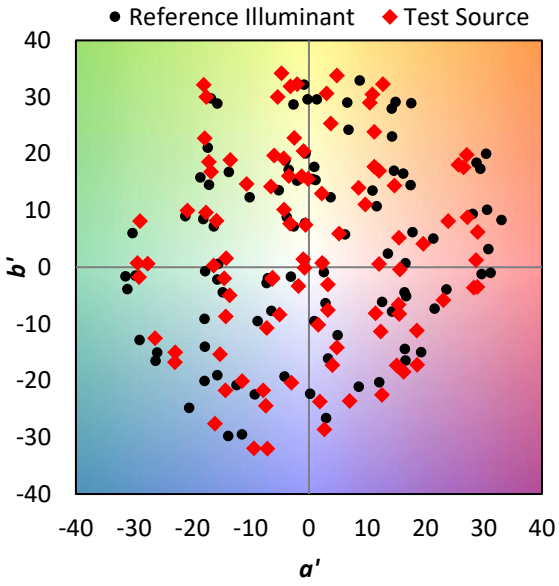
Summary

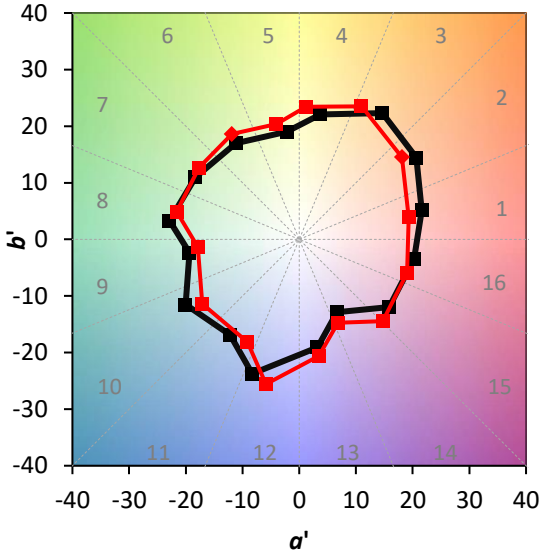
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R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

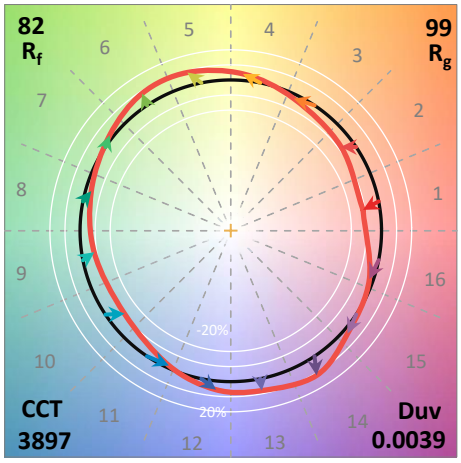
Spectral Power Distribution Comparison

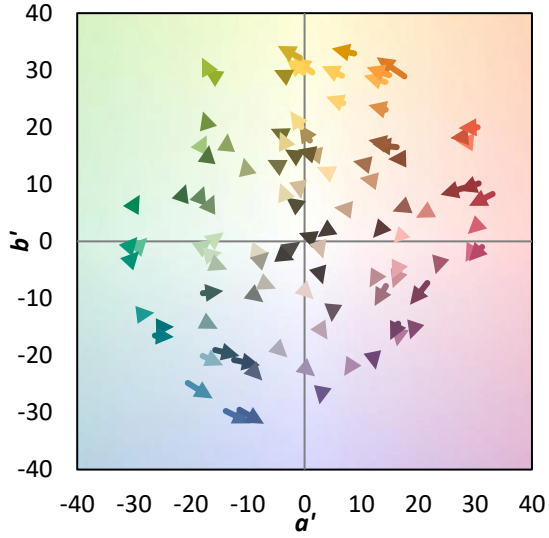


Color Vector Graphics







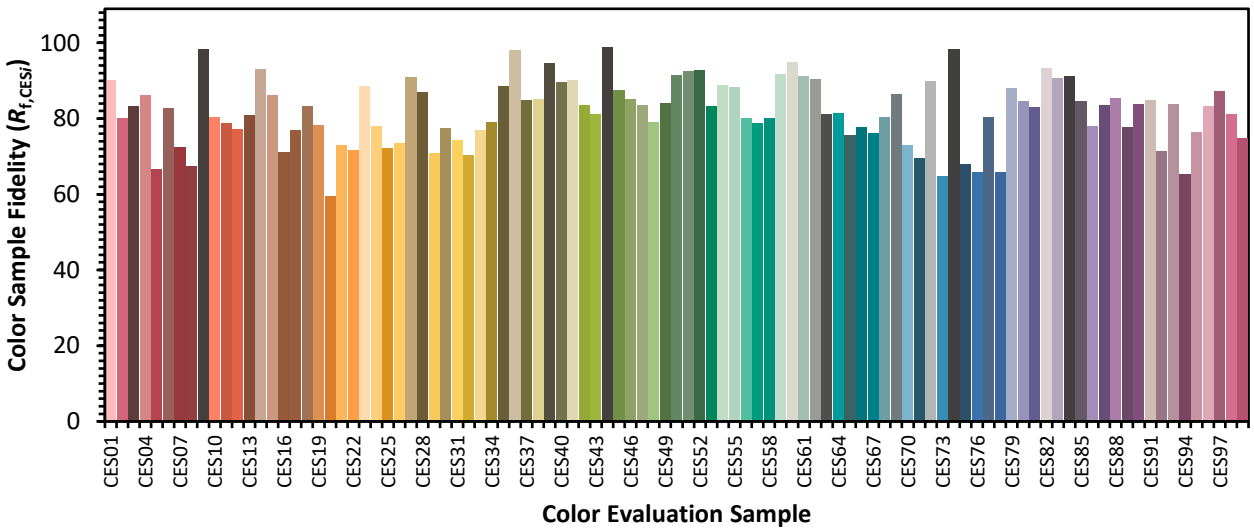


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Individual Sample Fidelity Index ($R_{f,i}$)

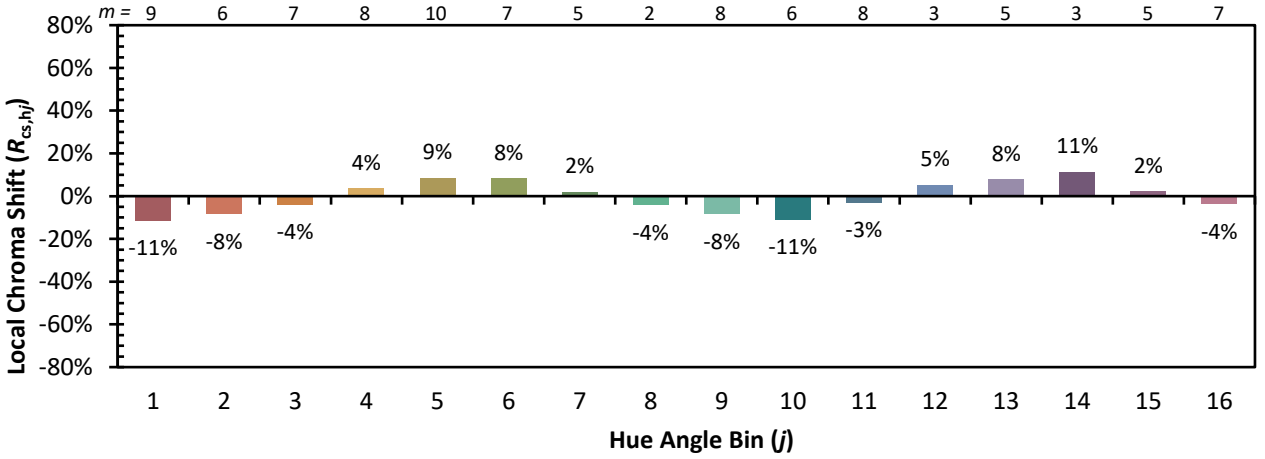
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82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

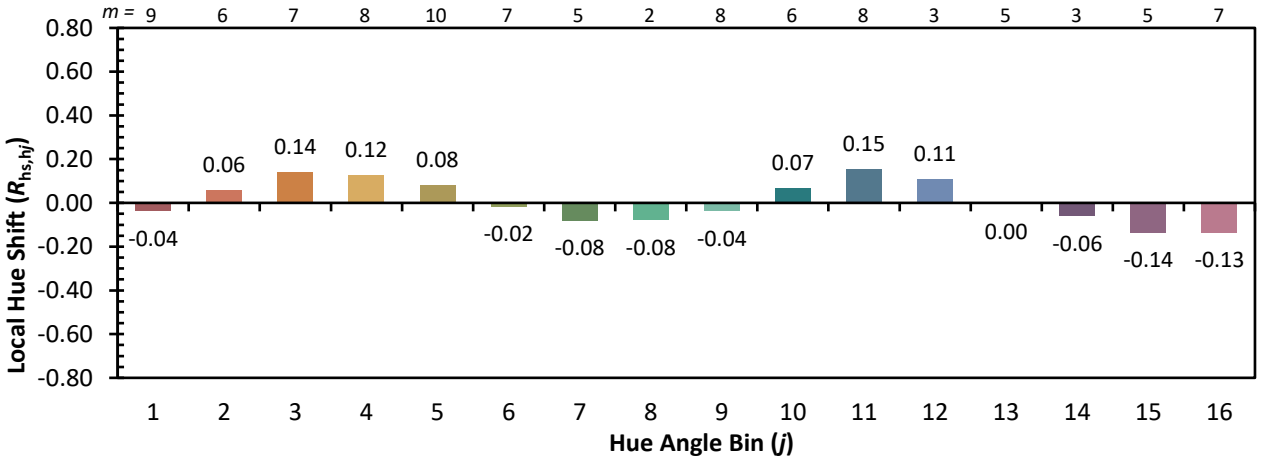


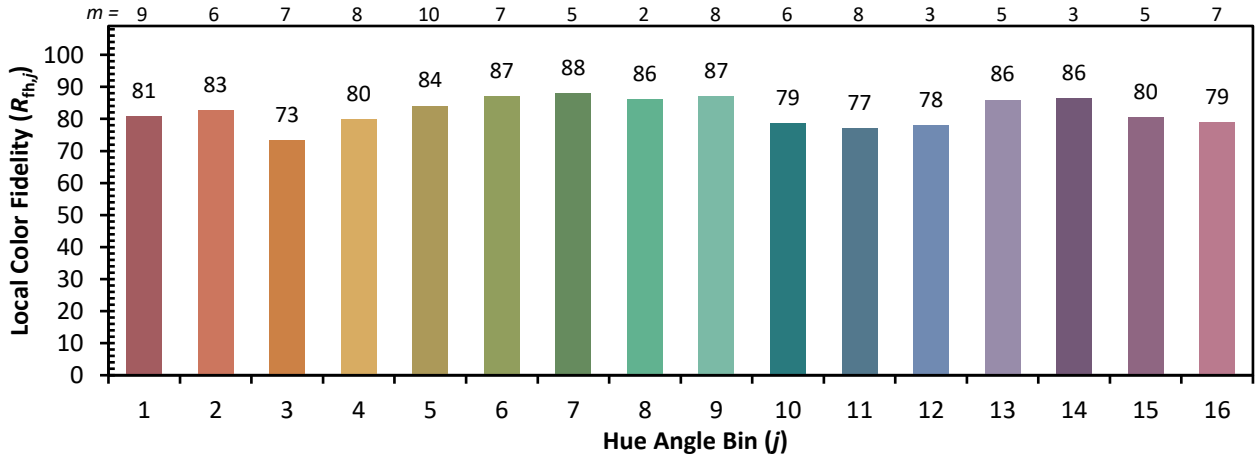
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Color Rendition by Hue-Angle Bin



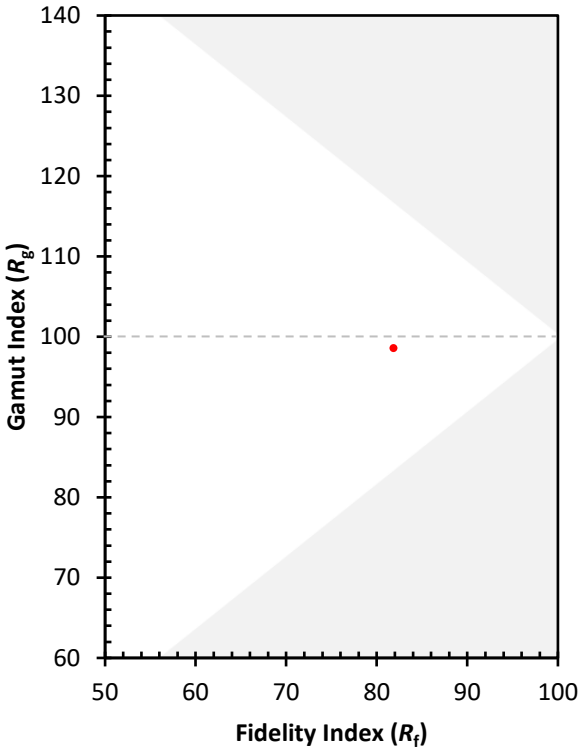


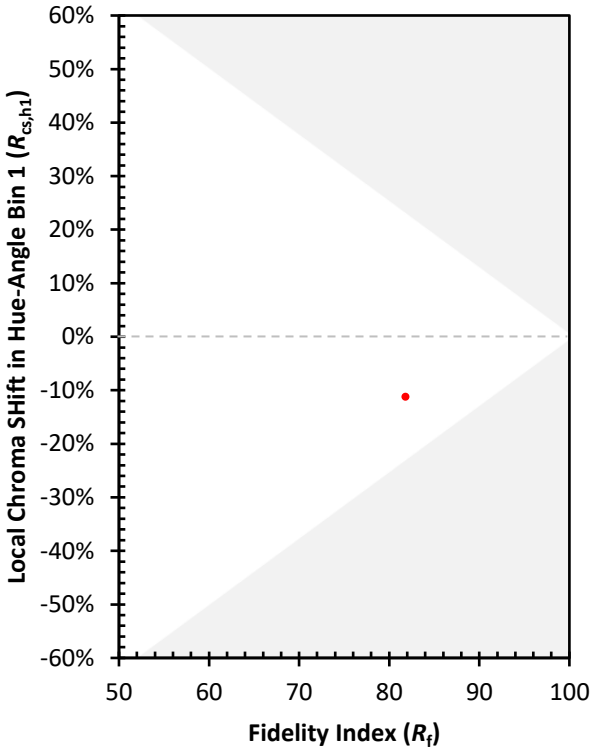


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Measure Comparisons





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