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: P1501193

Luminaire Tested: GSS-SB4A-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:	P1501193
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-840-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	17010 lumens
Efficiency:	N/A
Efficacy:	149.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

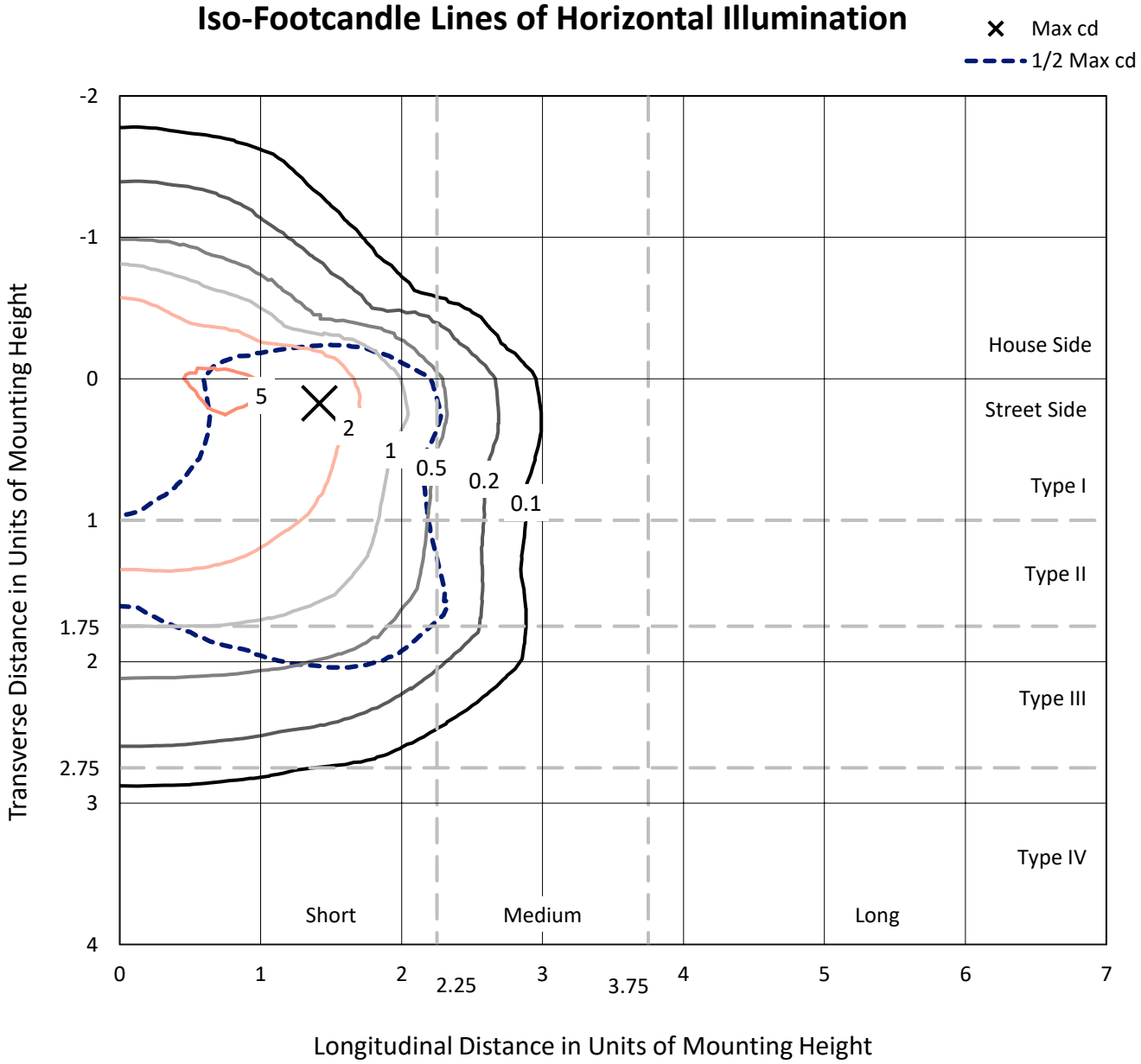
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501193
CATALOG NUMBER: GSS-SB4A-840-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



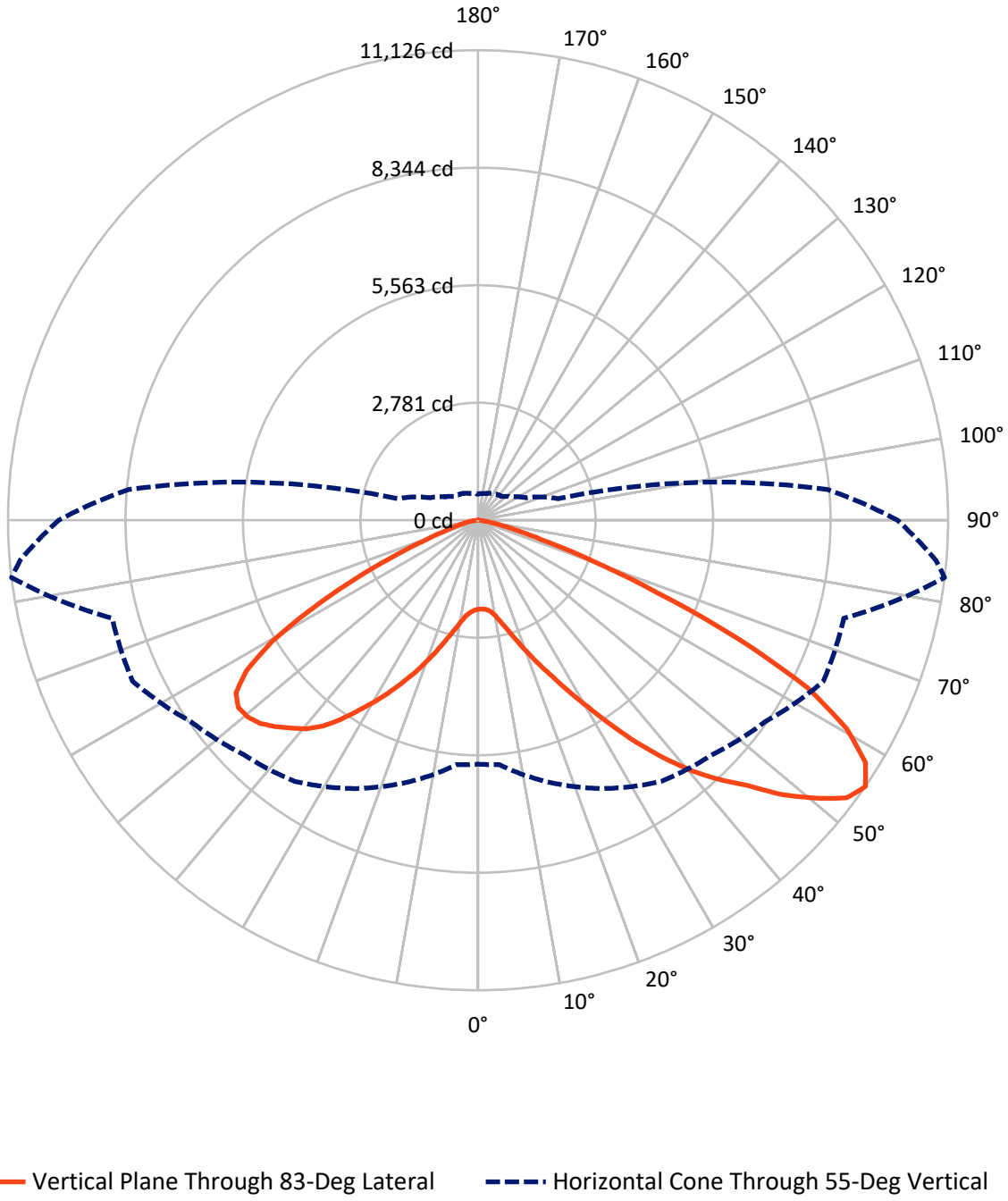
Based on 25 foot mounting height. Maximum calculated value = 5.7 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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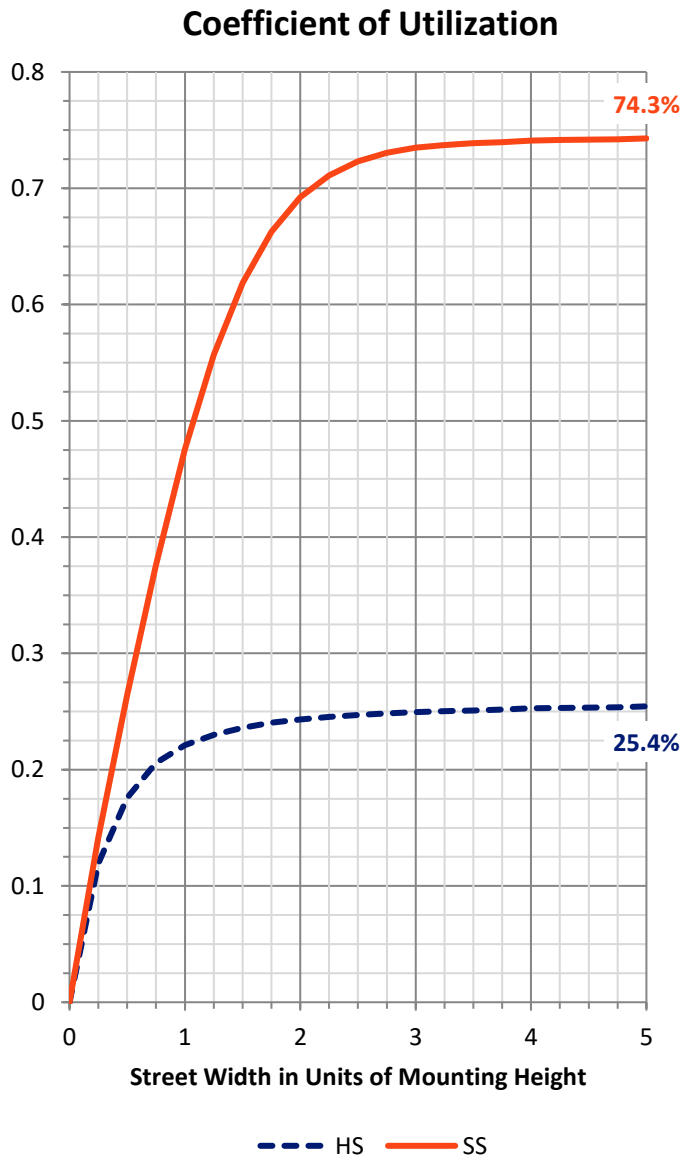
REPORT NUMBER: P1501193
CATALOG NUMBER: GSS-SB4A-840-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4365.1	0.0	4365.1
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	12644.9	0.0	12644.9
	% Fixture	74.3	0.0	74.3
Total	Lumens	17010.0	0.0	17010.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	203.5	1.2
10°-20°	662.8	3.9
20°-30°	1326.9	7.8
30°-40°	2360.7	13.9
40°-50°	3557.5	20.9
50°-60°	4335.1	25.5
60°-70°	3505.5	20.6
70°-80°	960.1	5.6
80°-90°	97.8	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°	17010.0	100.0
0°-180°	17010.0	100.0



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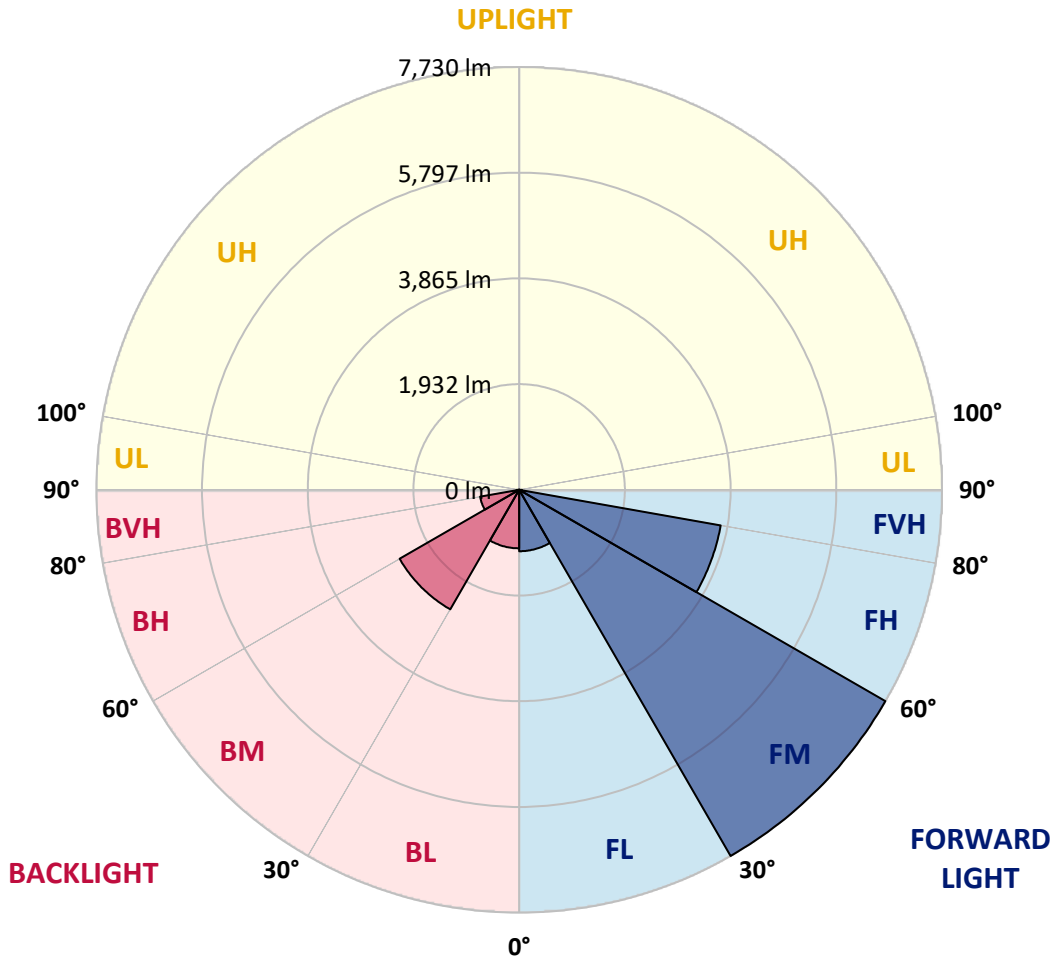
Scaled Data Report

REPORT NUMBER: P1501193
CATALOG NUMBER: GSS-SB4A-840-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1123.1	6.6			
FM	(30°-60°)	7729.9	45.4			
FH	(60°-80°)	3740.9	22.0			G2/5000
FVH	(80°-90°)	50.9	0.3			G1/100
BL	(0°-30°)	1070.0	6.3	B3/2500		
BM	(30°-60°)	2523.5	14.8	B3/5000		
BH	(60°-80°)	724.7	4.3	B2/1000		G2/1000
BVH	(80°-90°)	46.9	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	2105.7	2105.7	2105.7	2105.7	2105.7	2105.7	2105.7	2105.7	2105.7	*2105.7*	2105.7
2.5°	2045.2	2041.4	2037.6	2033.8	2041.4	2052.7	2064.1	2071.6	2090.5	*2105.7*	2098.1
5°	1882.6	1875.1	1882.6	1912.9	1939.3	1984.7	2030.0	2060.3	2101.9	*2120.8*	2128.3
7.5°	1739.0	1731.4	1739.0	1776.8	1822.1	1894.0	1988.5	2064.1	2139.7	*2185.0*	2192.6
10°	1739.0	1742.7	1742.7	1757.9	1780.5	1852.4	1965.8	2109.4	2241.7	*2306.0*	2321.1
12.5°	1795.7	1795.7	1795.7	1814.6	1829.7	1886.4	2014.9	2192.6	2404.3	*2498.8*	2510.2
15°	1871.3	1867.5	1878.8	1890.2	1916.6	1973.3	2101.9	2313.6	2582.0	*2725.6*	2740.8
17.5°	1977.1	1969.6	1980.9	2007.4	2045.2	2109.4	2238.0	2479.9	2827.7	*3009.2*	3031.8
20°	2094.3	2090.5	2113.2	2154.8	2207.7	2287.1	2434.5	2680.3	3107.4	*3338.0*	3379.6
22.5°	2234.2	2226.6	2268.2	2343.8	2415.6	2506.4	2684.0	2941.1	3428.8	*3704.7*	3746.3
25°	2393.0	2393.0	2449.7	2540.4	2650.0	2812.6	2990.3	3273.8	3806.8	*4101.7*	4165.9
27.5°	2653.8	2672.7	2695.4	2789.9	2944.9	3164.2	3353.2	3674.5	4218.9	*4589.3*	4612.0
30°	3077.2	3069.6	3107.4	3171.7	3300.2	3530.8	3814.4	4158.4	4740.6	*5129.9*	5186.6
32.5°	3459.0	3470.4	3523.3	3644.3	3799.2	3995.8	4336.1	4759.5	5307.6	*5757.5*	5783.9
35°	3844.6	3852.2	3954.2	4135.7	4366.3	4585.6	4956.0	5371.9	5923.8	*6456.8*	6528.7
37.5°	4385.2	4377.6	4479.7	4634.7	4944.7	5284.9	5583.6	5980.5	6513.5	*7137.3*	7220.5
40°	4789.7	4831.3	5024.1	5220.7	5511.7	5863.3	6116.6	6490.9	6997.4	*7802.6*	7878.2
42.5°	5205.5	5239.6	5496.6	5791.5	6097.7	6335.9	6532.4	6880.2	7383.0	*8392.4*	8434.0
45°	5549.5	5594.9	5889.8	6264.0	6581.6	6823.5	6891.6	7216.7	7776.2	*8959.4*	9023.7
47.5°	5768.8	5818.0	6165.7	6604.3	6929.4	7186.4	7163.8	7621.2	8195.8	*9711.7*	9689.0
50°	5920.0	5950.3	6328.3	6797.1	7220.5	7390.6	7488.9	8078.6	8626.8	*10343.0*	10259.9
52.5°	6029.7	6078.8	6422.8	6936.9	7383.0	7606.1	7870.7	8607.9	8925.4	*10921.4*	10736.2
55°	*5772.6*	*5810.4*	*6415.2*	*7008.8*	*7549.4*	*7844.2*	*8305.4*	*9019.9*	*8963.2*	*11125.6*	*10876.1*
57.5°	5508.0	5538.2	6097.7	6989.9	7730.8	8139.1	8800.6	9072.8	8626.8	*10811.8*	10498.0
60°	5175.3	5198.0	5757.5	6789.5	7734.6	8369.7	9053.9	8687.2	8003.0	*10021.7*	9723.1
62.5°	4562.9	4562.9	5179.1	6248.9	7545.6	8486.9	8985.9	7957.6	7167.5	*8778.0*	8365.9
65°	3958.0	3931.6	4347.4	5284.9	7042.8	8456.6	8475.5	7035.2	5870.9	*6770.6*	6449.3
67.5°	3300.2	3304.0	3549.7	4290.7	5704.5	7825.3	7398.1	5436.1	4090.3	*4559.1*	4392.8
70°	2234.2	2290.9	2540.4	3115.0	4302.0	5545.8	5889.8	3682.1	2551.7	*2831.5*	2695.4
72.5°	850.6	861.9	1153.0	1633.1	2718.1	3334.3	4109.2	2060.3	1493.2	*1561.3*	1568.8
75°	359.1	374.3	491.4	688.0	1205.9	1818.3	2162.4	1043.4	907.3	*933.7*	926.2
77.5°	241.9	249.5	298.6	370.5	544.4	729.6	903.5	589.7	555.7	*521.7*	506.6
80°	181.5	181.5	215.5	249.5	306.2	374.3	393.2	298.6	332.7	*276.0*	268.4
82.5°	117.2	124.8	136.1	147.4	173.9	185.2	158.8	162.6	192.8	*143.7*	136.1
85°	56.7	60.5	64.3	68.0	68.0	64.3	56.7	71.8	98.3	*60.5*	56.7
87.5°	7.6	7.6	7.6	7.6	7.6	7.6	3.8	3.8	3.8	*3.8*	3.8
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: P1501193
CATALOG NUMBER: GSS-SB4A-840-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2105.7	2105.7	2105.7	2105.7	2105.7	2105.7	2105.7	2105.7	2105.7	2105.7	2105.7
2.5°	2109.4	2124.6	2135.9	2143.5	2162.4	2158.6	2169.9	2177.5	2185.0	2196.4	2181.3
5°	2147.2	2173.7	2203.9	2226.6	2249.3	2260.6	2264.4	2272.0	2275.8	2283.3	2279.5
7.5°	2230.4	2260.6	2306.0	2328.7	2347.6	2347.6	2336.3	2332.5	2321.1	2328.7	2328.7
10°	2370.3	2415.6	2464.8	2468.6	2445.9	2419.4	2377.8	2355.2	2324.9	2317.4	2309.8
12.5°	2574.4	2634.9	2672.7	2646.2	2566.9	2468.6	2358.9	2256.9	2177.5	2143.5	2135.9
15°	2805.0	2880.6	2888.2	2812.6	2668.9	2430.8	2200.2	2086.8	2045.2	2045.2	2041.4
17.5°	3122.6	3175.5	3145.2	2963.8	2642.5	2253.1	2086.8	2067.8	2079.2	2094.3	2094.3
20°	3455.2	3515.7	3391.0	3069.6	2479.9	2147.2	2098.1	2113.2	2139.7	2154.8	2151.0
22.5°	3852.2	3882.4	3640.5	3073.4	2306.0	2120.8	2120.8	2139.7	2158.6	2181.3	2181.3
25°	4260.5	4249.1	3871.1	2933.5	2207.7	2113.2	2105.7	2120.8	2128.3	2139.7	2135.9
27.5°	4717.9	4657.4	4048.8	2710.5	2177.5	2090.5	2052.7	2037.6	2045.2	2056.5	2060.3
30°	5243.3	5099.7	4192.4	2570.6	2166.1	2037.6	1946.9	1905.3	1897.7	1912.9	1912.9
32.5°	5852.0	5542.0	4279.4	2551.7	2154.8	1943.1	1822.1	1742.7	1727.6	1735.2	1754.1
35°	6475.7	6075.0	4256.7	2600.9	2158.6	1867.5	1689.8	1584.0	1568.8	1576.4	1595.3
37.5°	7129.7	6581.6	4169.7	2676.5	2128.3	1765.4	1568.8	1440.3	1417.6	1432.8	1440.3
40°	7636.3	7008.8	3954.2	2706.7	2075.4	1636.9	1429.0	1319.3	1258.9	1255.1	1274.0
42.5°	8105.1	7345.2	3719.9	2657.6	1965.8	1500.8	1285.3	1175.7	1081.2	1009.4	1009.4
45°	8573.8	7685.4	3481.7	2517.7	1784.3	1357.1	1134.1	986.7	877.0	824.1	827.9
47.5°	9042.6	8014.3	3198.2	2306.0	1602.9	1205.9	971.5	854.4	778.8	737.2	737.2
50°	9477.3	8252.5	2835.3	1969.6	1394.9	1054.7	858.1	790.1	733.4	695.6	688.0
52.5°	9859.1	8411.3	2343.8	1561.3	1168.1	884.6	797.7	744.7	703.1	661.6	650.2
55°	*9927.2*	*8305.4*	*1962.0*	*1255.1*	*964.0*	*793.9*	*752.3*	*706.9*	*650.2*	*631.3*	*620.0*
57.5°	9507.6	7745.9	1655.8	1058.5	824.1	729.6	714.5	661.6	616.2	597.3	586.0
60°	8793.1	6729.0	1368.5	907.3	733.4	669.1	688.0	635.1	563.3	551.9	540.6
62.5°	7507.8	5250.9	1092.5	763.6	665.3	623.8	642.7	567.1	506.6	491.4	487.7
65°	5836.9	3757.7	918.6	672.9	612.4	578.4	570.8	502.8	457.4	446.1	446.1
67.5°	4075.2	2389.2	767.4	616.2	544.4	521.7	517.9	472.5	442.3	431.0	431.0
70°	2495.0	1447.9	646.4	563.3	480.1	438.5	465.0	457.4	412.1	400.7	396.9
72.5°	1296.7	865.7	567.1	517.9	404.5	374.3	415.8	419.6	381.8	396.9	393.2
75°	752.3	601.1	495.2	457.4	321.3	313.8	362.9	400.7	370.5	381.8	374.3
77.5°	431.0	385.6	381.8	374.3	253.3	257.1	325.1	359.1	317.5	328.9	302.4
80°	238.2	249.5	264.6	234.4	177.7	200.4	260.8	287.3	241.9	238.2	219.3
82.5°	124.8	155.0	177.7	151.2	102.1	121.0	177.7	177.7	155.0	147.4	143.7
85°	56.7	64.3	83.2	75.6	37.8	45.4	83.2	90.7	79.4	71.8	68.0
87.5°	3.8	3.8	3.8	3.8	3.8	3.8	7.6	11.3	3.8	3.8	3.8
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

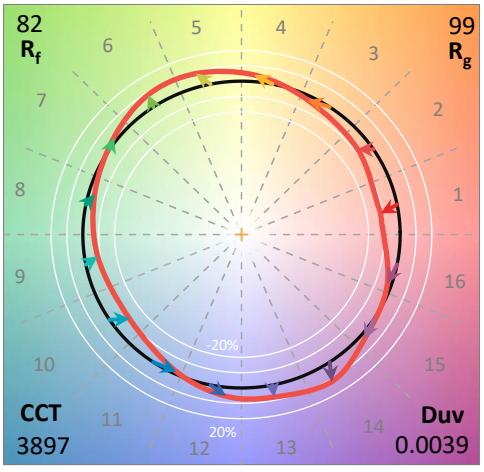
Test Information

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

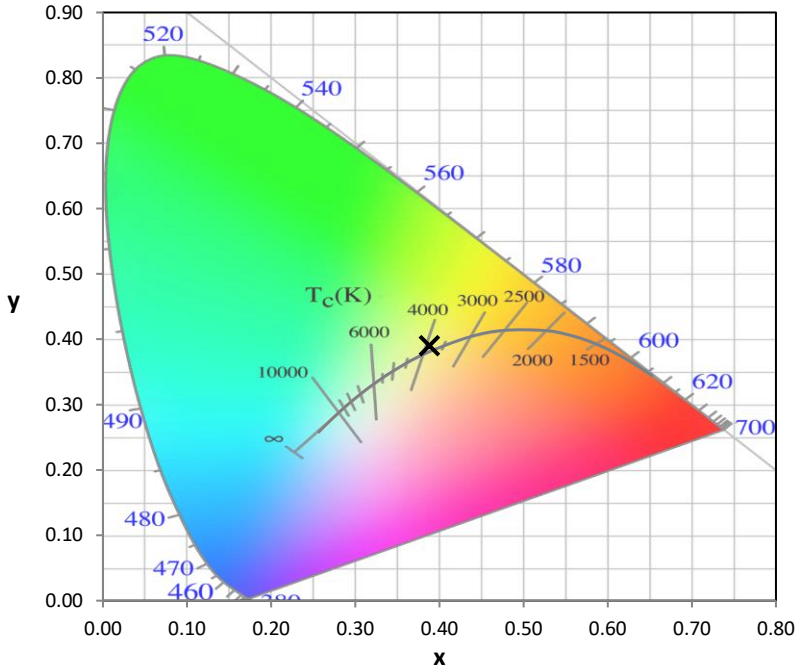
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

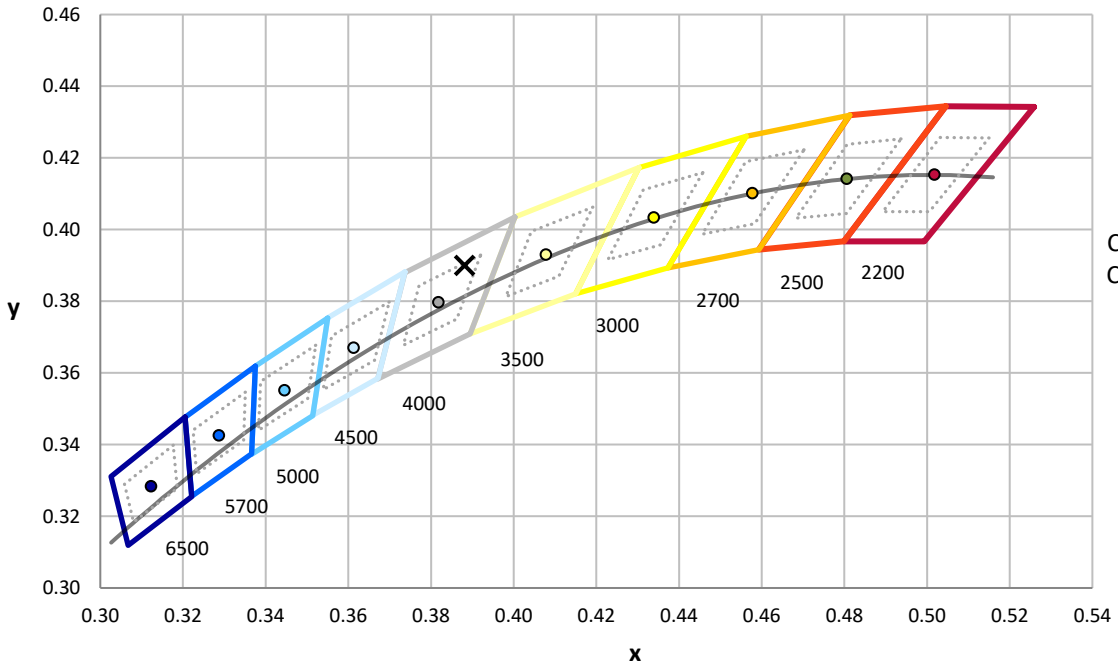
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

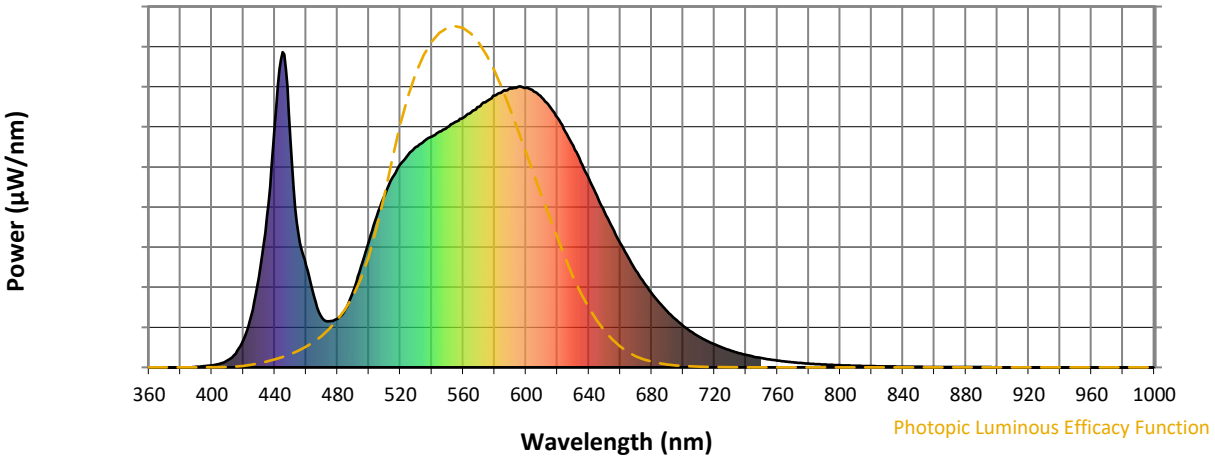


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

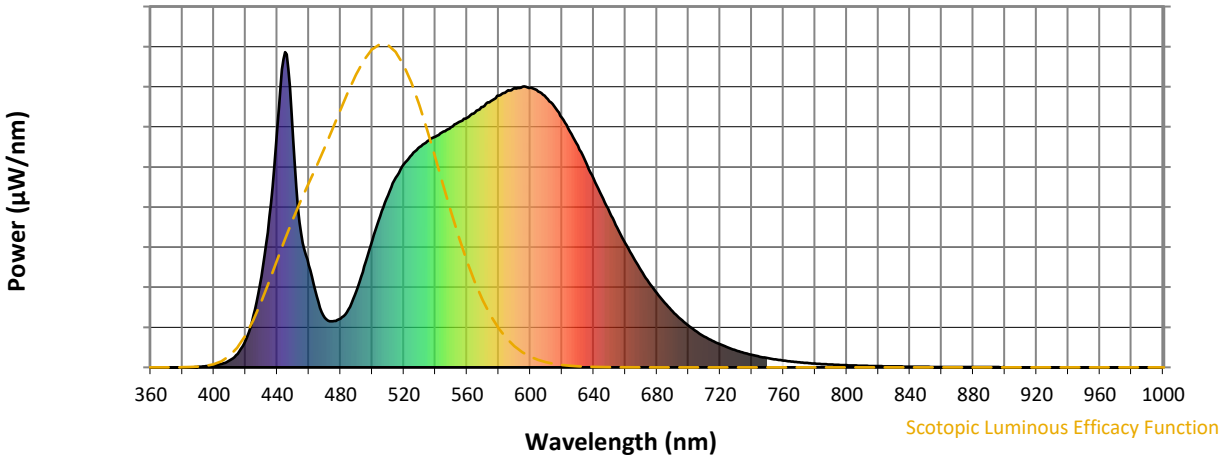


Photopic Lumens: NR

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

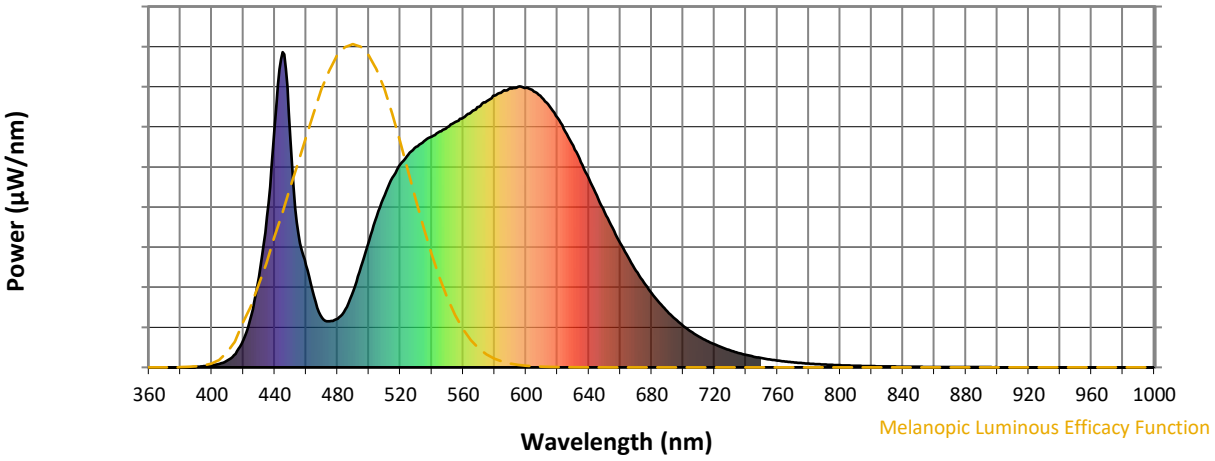


Scotopic Lumens: NR **S/P: 1.57**

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			

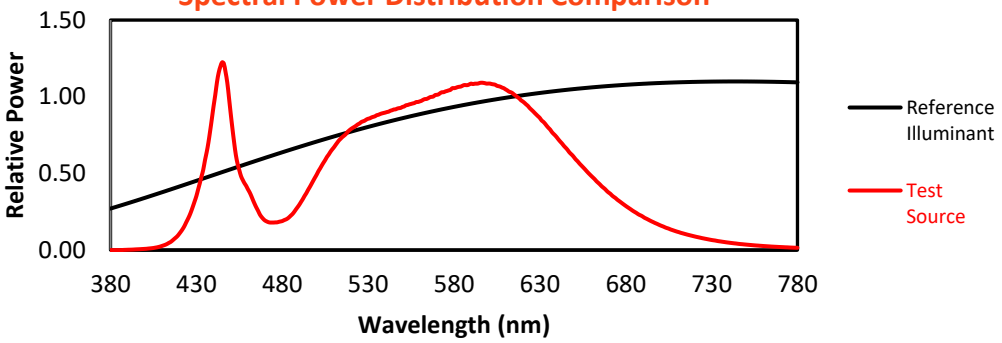
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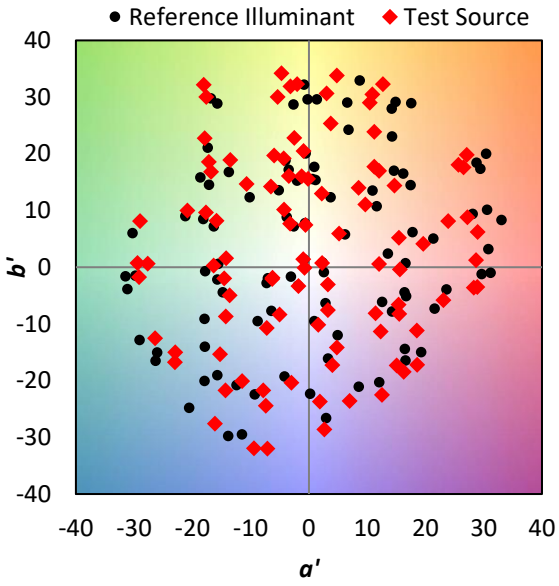
Summary

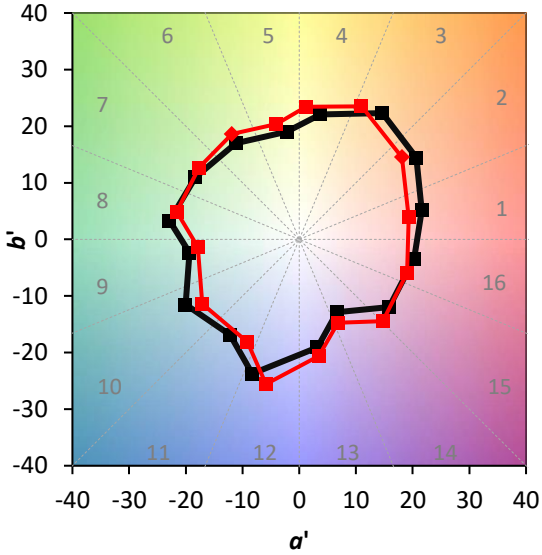
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

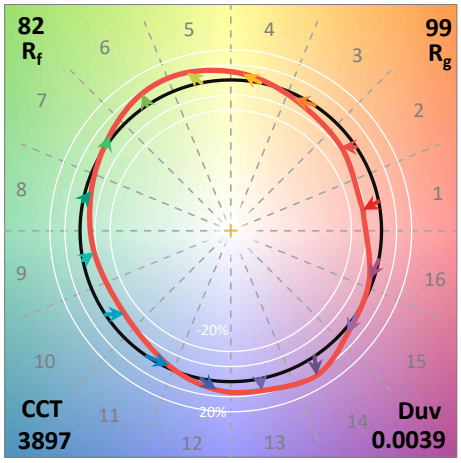
Spectral Power Distribution Comparison

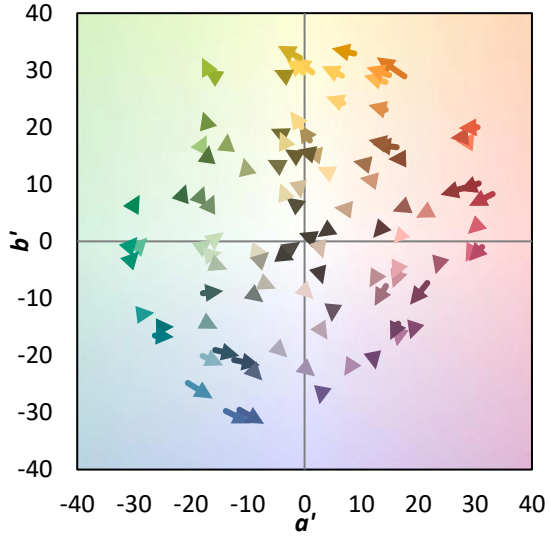


Color Vector Graphics







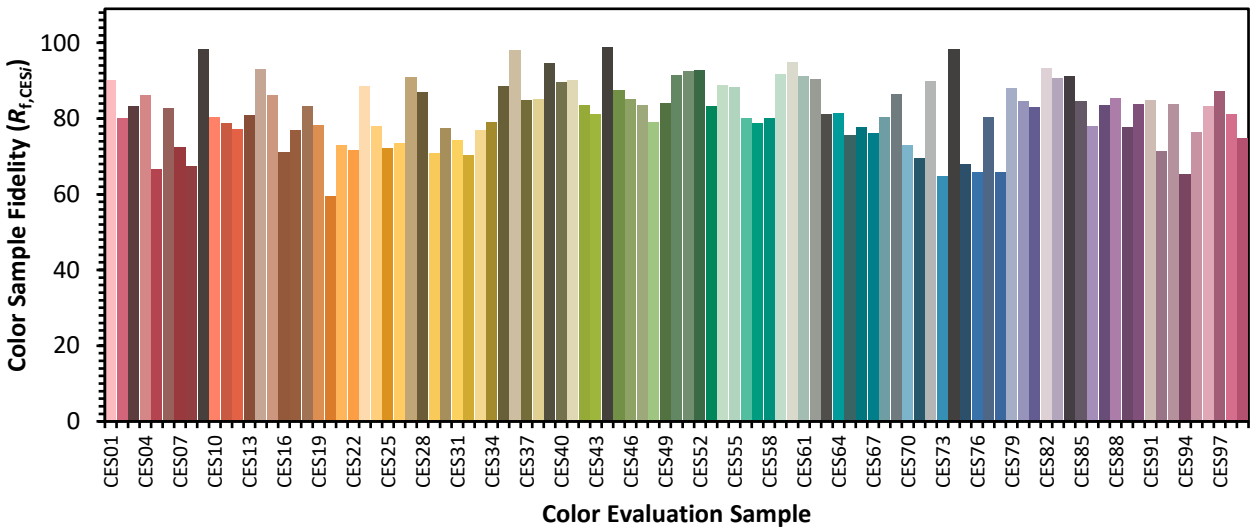


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Individual Sample Fidelity Index ($R_{f,i}$)

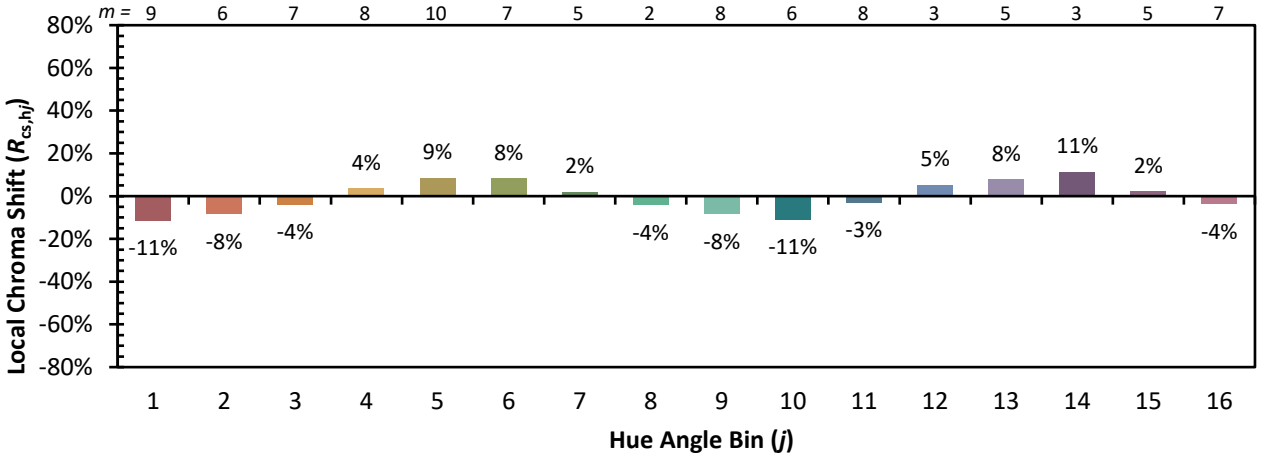
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82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

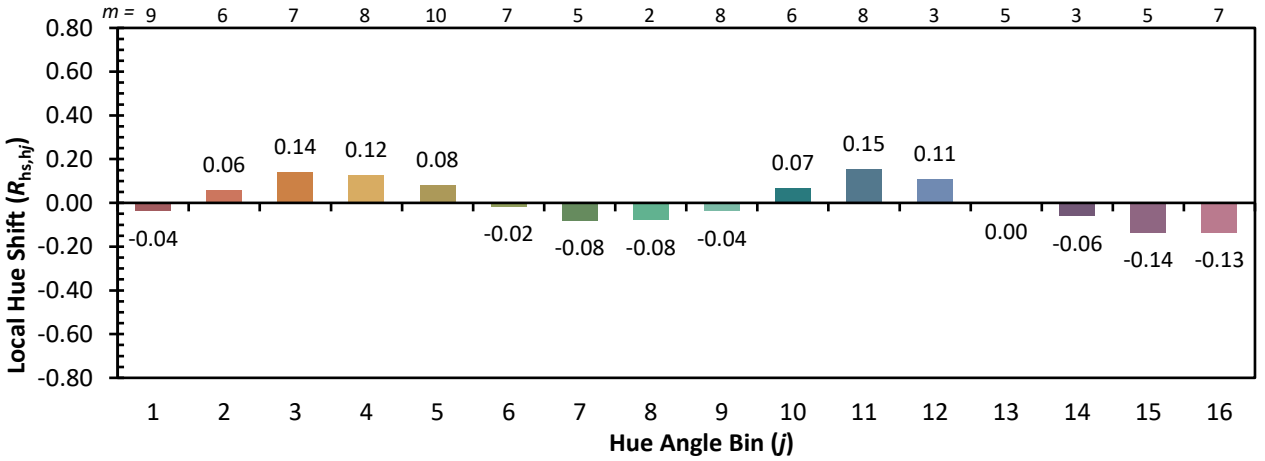


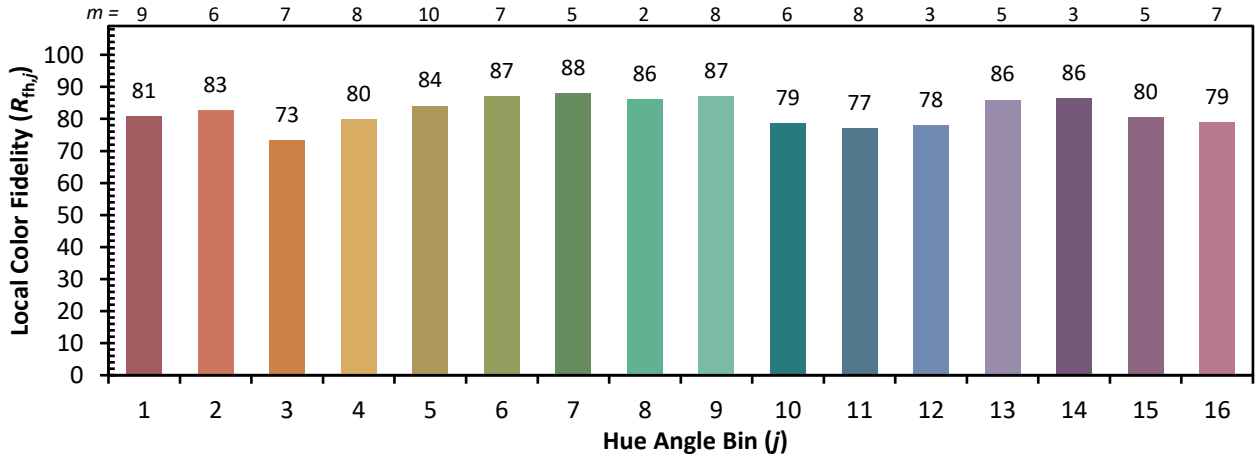
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Color Rendition by Hue-Angle Bin



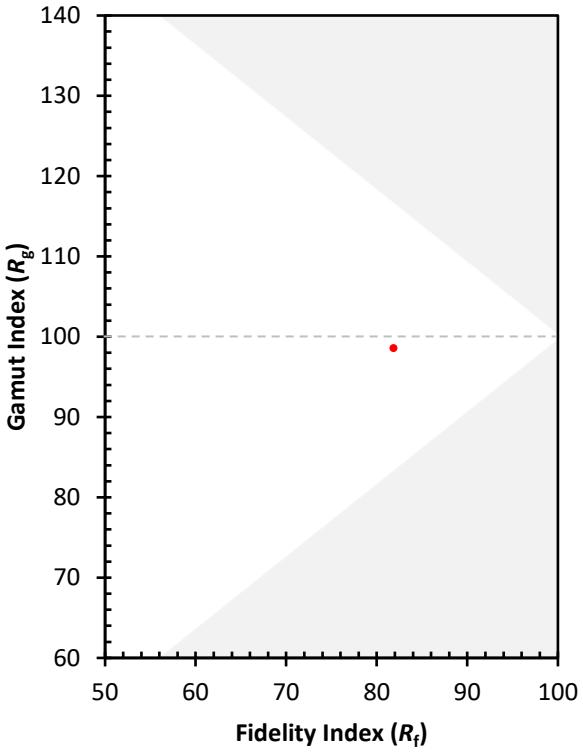


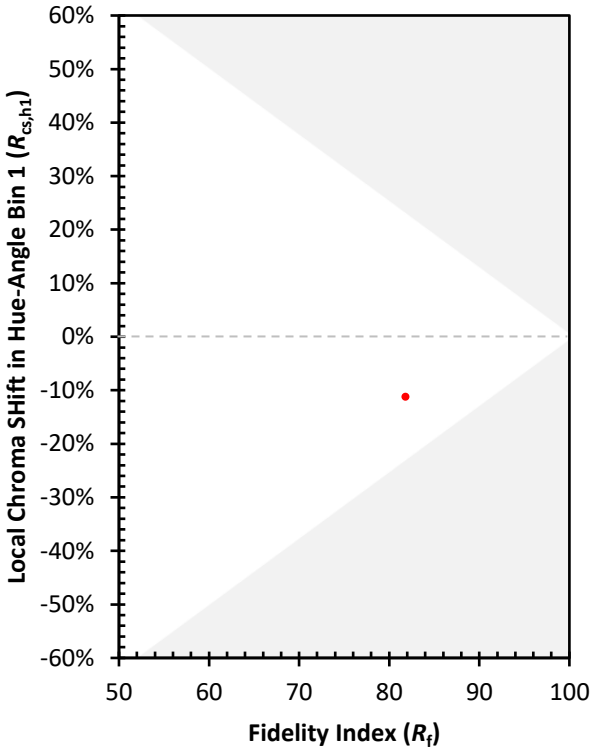


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Measure Comparisons





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