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: P1500833

Luminaire Tested: GSS-SB4A-850-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:	P1500833
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-850-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 80CRI 5000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16699 lumens
Efficiency:	N/A
Efficacy:	146.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

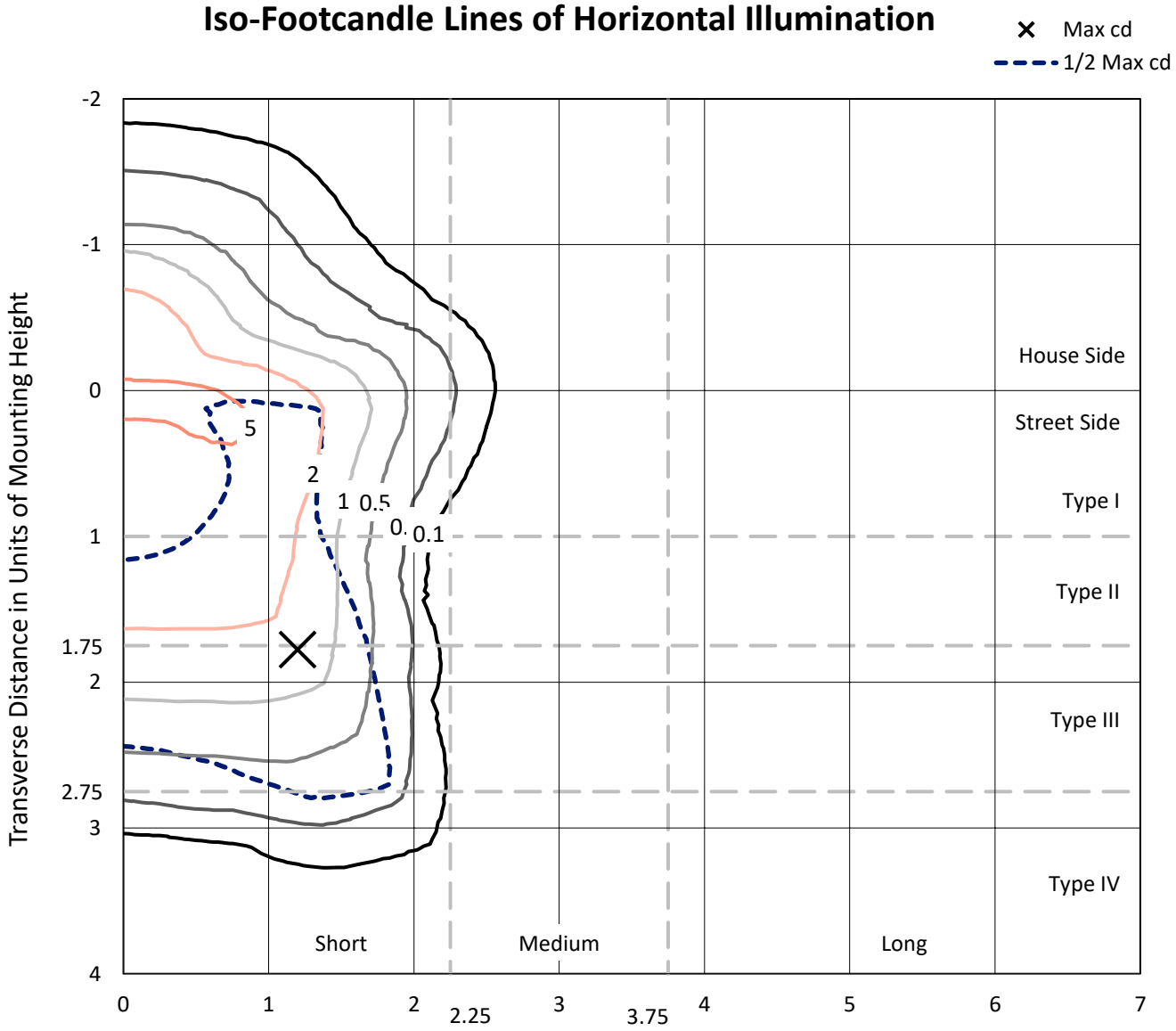
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500833
CATALOG NUMBER: GSS-SB4A-850-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



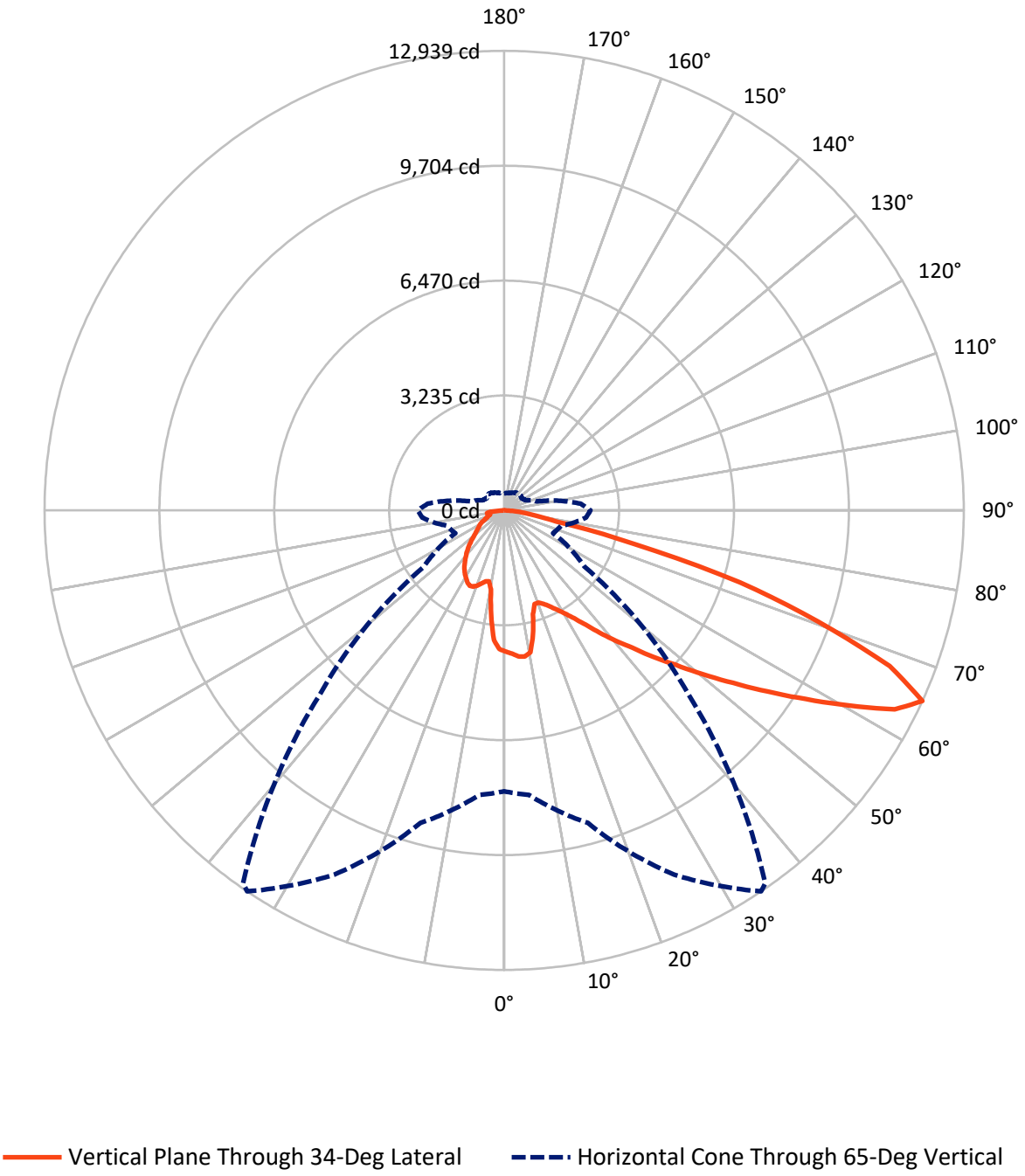
Based on 25 foot mounting height. Maximum calculated value = 6.7 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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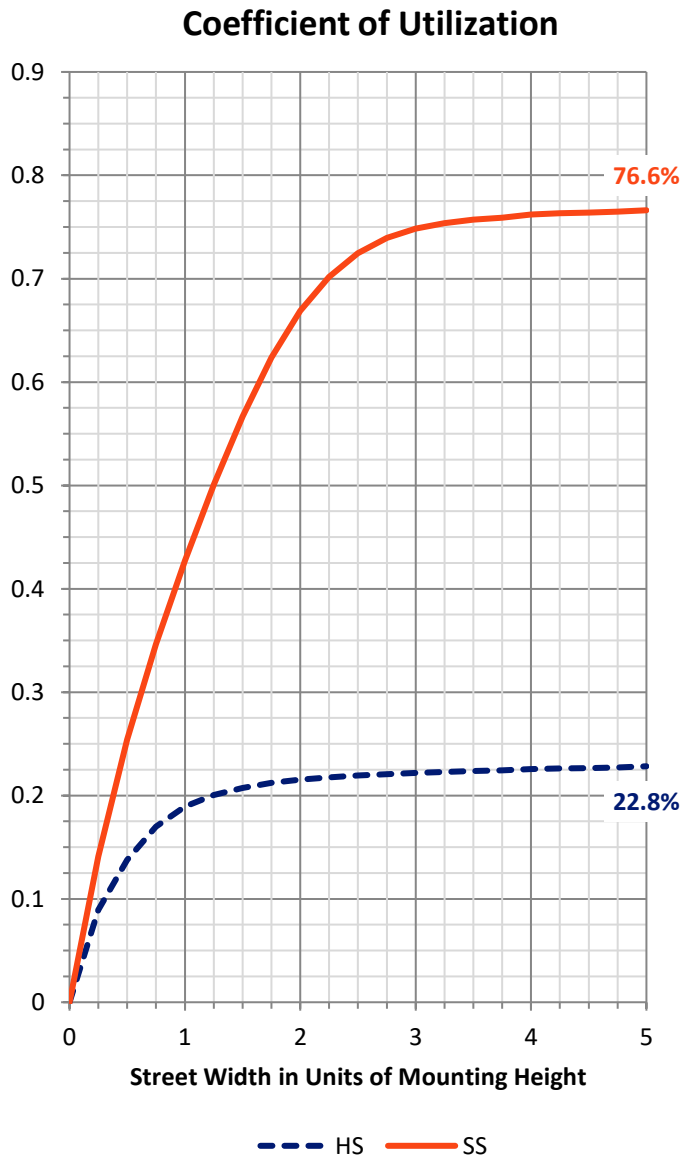
REPORT NUMBER: P1500833
CATALOG NUMBER: GSS-SB4A-850-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3885.1	0.0	3885.1
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	12813.9	0.0	12813.9
	% Fixture	76.7	0.0	76.7
Total	Lumens	16699.0	0.0	16699.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	357.9	2.1
10°-20°	900.8	5.4
20°-30°	1493.3	8.9
30°-40°	2245.8	13.4
40°-50°	3146.3	18.8
50°-60°	3966.9	23.8
60°-70°	3411.9	20.4
70°-80°	1014.4	6.1
80°-90°	161.8	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°	16699.0	100.0
0°-180°	16699.0	100.0



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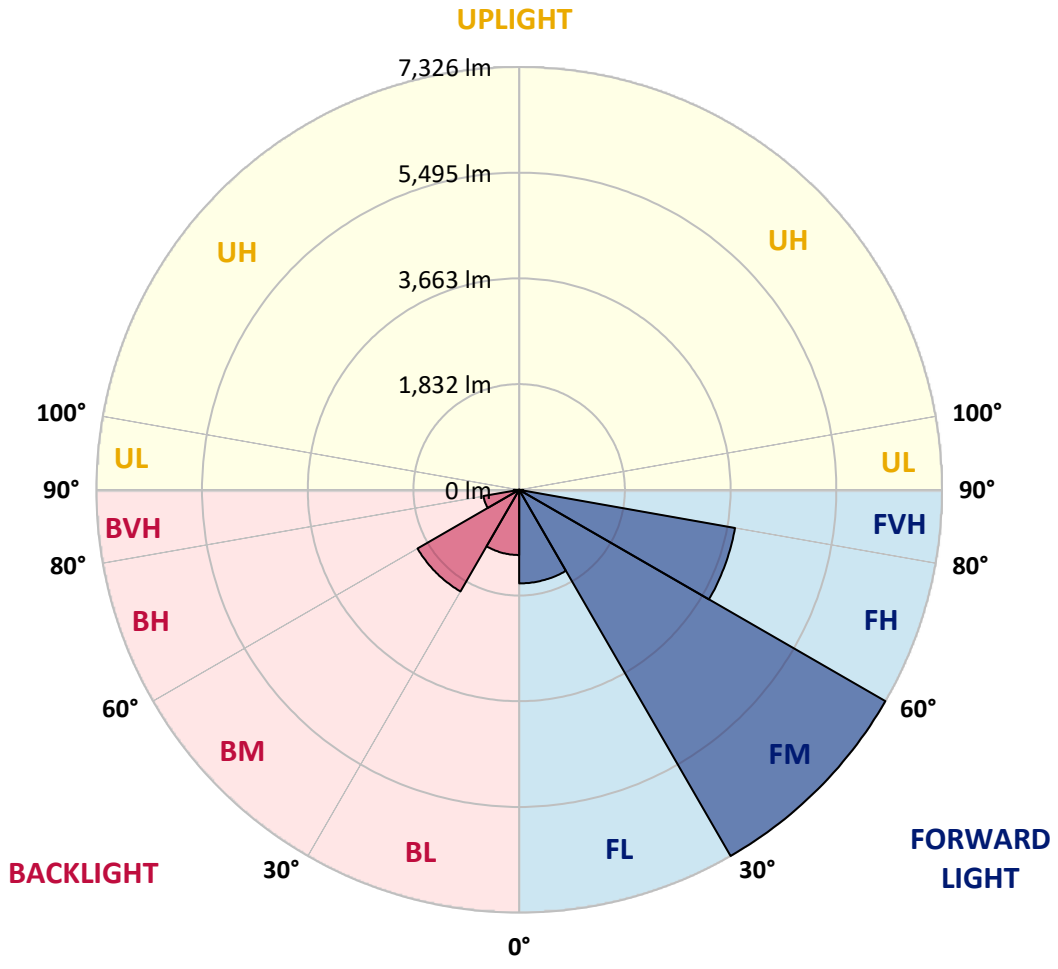
Scaled Data Report

REPORT NUMBER: P1500833
CATALOG NUMBER: GSS-SB4A-850-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1621.6	9.7			
FM	(30°-60°)	7326.3	43.9			
FH	(60°-80°)	3797.4	22.7			G2/5000
FVH	(80°-90°)	68.5	0.4			G1/100
BL	(0°-30°)	1130.4	6.8	B3/2500		
BM	(30°-60°)	2032.6	12.2	B2/2500		
BH	(60°-80°)	628.8	3.8	B2/1000		G2/1000
BVH	(80°-90°)	93.4	0.6			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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REPORT NUMBER: P1500833
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	3970.3	3970.3	3970.3	3970.3	*3970.3*	3970.3	3970.3	3970.3	3970.3	3970.3	3970.3
2.5°	4045.9	4068.6	4042.1	4030.8	*4034.5*	4038.3	4019.4	4023.2	4000.5	4000.5	3981.6
5°	4132.8	4136.6	4121.5	4132.8	*4129.1*	4125.3	4125.3	4121.5	4072.3	4061.0	4042.1
7.5°	4083.7	4098.8	4106.4	4148.0	*4159.3*	4182.0	4197.1	4204.7	4166.9	4136.6	4087.5
10°	3633.7	3645.1	3732.0	3921.1	*4064.8*	4091.3	4231.2	4310.6	4284.1	4269.0	4185.8
12.5°	2904.0	2922.9	3021.2	3267.0	*3603.5*	3675.3	4121.5	4390.0	4450.5	4454.2	4333.2
15°	2590.1	2590.1	2620.4	2760.3	*3032.5*	3089.2	3747.2	4412.7	4628.2	4654.7	4507.2
17.5°	2525.8	2522.1	2541.0	2624.1	*2767.8*	2801.9	3316.1	4295.4	4839.9	4885.3	4696.2
20°	2522.1	2510.7	2548.5	2643.1	*2767.8*	2798.1	3115.7	4091.3	5006.3	5150.0	4885.3
22.5°	2525.8	2525.8	2578.8	2714.9	*2858.6*	2885.1	3153.5	3921.1	5142.4	5426.0	5085.7
25°	2567.4	2559.9	2635.5	2801.9	*2998.5*	3017.4	3308.5	3913.5	5259.6	5736.1	5327.7
27.5°	2635.5	2639.3	2741.4	2941.8	*3164.9*	3202.7	3524.1	4076.1	5403.3	6076.4	5562.1
30°	2779.2	2783.0	2904.0	3108.1	*3365.3*	3414.4	3773.6	4318.1	5607.5	6443.2	5815.5
32.5°	2941.8	2960.7	3108.1	3346.4	*3622.4*	3648.9	4079.9	4681.1	5913.8	6809.9	6087.7
35°	3214.0	3232.9	3399.3	3648.9	*3955.1*	3992.9	4454.2	5100.8	6288.1	7180.5	6299.5
37.5°	3565.7	3580.8	3743.4	4045.9	*4371.1*	4408.9	4870.2	5547.0	6666.2	7475.4	6488.5
40°	3985.4	4019.4	4193.3	4488.3	*4817.2*	4839.9	5323.9	5978.1	7074.6	7679.6	6564.2
42.5°	4442.9	4476.9	4654.7	4979.8	*5282.3*	5350.4	5815.5	6435.6	7407.4	7770.4	6503.7
45°	5029.0	5021.4	5187.8	5528.1	*5883.5*	5910.0	6341.1	6813.7	7607.8	7694.7	6443.2
47.5°	5739.9	5747.4	5853.3	6129.3	*6496.1*	6556.6	6889.3	7138.9	7725.0	7634.2	6375.1
50°	6541.5	6560.4	6651.1	6851.5	*7244.8*	7286.4	7384.7	7365.8	7796.8	7505.7	6401.6
52.5°	7343.1	7354.4	7475.4	7687.2	*8069.1*	8099.3	7883.8	7539.7	7528.4	6987.6	6344.8
55°	8001.0	7997.2	8212.8	8537.9	*9003.0*	8984.1	8375.3	7407.4	6688.9	6182.3	6091.5
57.5°	8572.0	8594.7	8874.5	9437.9	*10023.9*	10008.8	8900.9	6707.8	5463.8	5229.4	5679.4
60°	9086.2	9139.1	9664.7	10507.9	*11154.5*	11063.8	8995.5	5652.9	4250.1	4095.0	4862.6
62.5°	8863.1	8961.4	9804.6	11449.5	*12338.0*	12137.6	8413.2	4378.6	2877.5	2737.6	3437.1
65°	*7910.3*	*8042.6*	*9112.7*	*11313.3*	*12939.2*	*12814.5*	*7354.4*	*2752.7*	*1516.3*	*1663.7*	*2314.1*
67.5°	6643.6	6802.4	7959.4	10163.9	*11706.6*	11438.1	5713.4	1448.2	707.1	1096.5	1436.9
70°	3641.3	4034.5	5755.0	8643.8	*9377.4*	9003.0	3304.8	684.4	514.2	684.4	858.3
72.5°	1368.8	1463.3	2495.6	5811.7	*6946.1*	6484.7	1255.4	442.4	431.1	506.7	620.1
75°	657.9	703.3	1085.2	2643.1	*3792.5*	3535.4	616.3	329.0	370.6	397.0	450.0
77.5°	393.2	423.5	676.8	1535.2	*1493.6*	1372.6	378.1	253.3	298.7	283.6	264.7
80°	234.4	260.9	412.2	873.5	*899.9*	797.8	230.7	177.7	208.0	181.5	162.6
82.5°	136.1	147.5	215.5	393.2	*571.0*	525.6	132.3	105.9	151.2	121.0	90.7
85°	68.1	71.8	98.3	170.2	*283.6*	215.5	56.7	49.2	71.8	52.9	30.2
87.5°	15.1	15.1	15.1	18.9	*26.5*	26.5	7.6	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: P1500833
CATALOG NUMBER: GSS-SB4A-850-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3970.3	3970.3	3970.3	3970.3	3970.3	3970.3	3970.3	3970.3	3970.3	3970.3	3970.3
2.5°	3977.8	3985.4	3958.9	3928.7	3921.1	3898.4	3906.0	3890.8	3868.2	3871.9	3875.7
5°	4015.6	4000.5	3947.6	3879.5	3819.0	3750.9	3671.5	3580.8	3516.5	3490.0	3512.7
7.5°	4049.7	4034.5	3943.8	3792.5	3588.4	3304.8	3009.8	2741.4	2556.1	2488.0	2503.2
10°	4144.2	4083.7	3917.3	3588.4	3100.6	2563.7	2264.9	2098.6	2041.8	2011.6	2015.4
12.5°	4269.0	4185.8	3868.2	3232.9	2495.6	2155.3	2049.4	2011.6	1992.7	1985.1	1992.7
15°	4420.2	4291.7	3750.9	2786.7	2215.8	2083.4	2060.8	2064.5	2064.5	2068.3	2068.3
17.5°	4552.6	4352.2	3539.2	2465.3	2159.1	2121.3	2143.9	2162.8	2162.8	2166.6	2162.8
20°	4673.6	4382.4	3267.0	2329.2	2170.4	2189.3	2242.2	2261.2	2264.9	2261.2	2261.2
22.5°	4802.1	4401.3	2994.7	2253.6	2196.9	2253.6	2310.3	2336.8	2344.3	2348.1	2351.9
25°	4926.9	4363.5	2771.6	2193.1	2185.5	2264.9	2329.2	2363.2	2370.8	2370.8	2374.6
27.5°	5051.7	4352.2	2620.4	2113.7	2132.6	2196.9	2272.5	2317.9	2348.1	2351.9	2355.7
30°	5195.4	4318.1	2476.7	2007.8	2015.4	2094.8	2174.2	2253.6	2314.1	2340.6	2340.6
32.5°	5293.7	4284.1	2348.1	1894.4	1894.4	1977.6	2075.9	2174.2	2261.2	2314.1	2325.4
35°	5388.2	4253.8	2234.7	1780.9	1784.7	1864.1	1966.2	2072.1	2181.7	2246.0	2276.3
37.5°	5437.4	4223.6	2155.3	1694.0	1678.9	1762.0	1830.1	1917.1	2034.3	2140.2	2166.6
40°	5448.7	4223.6	2147.7	1633.5	1569.2	1663.7	1694.0	1754.5	1860.3	1973.8	2015.4
42.5°	5373.1	4182.0	2185.5	1595.7	1455.8	1523.8	1557.9	1588.1	1656.2	1750.7	1784.7
45°	5282.3	4125.3	2219.6	1542.7	1315.9	1368.8	1421.7	1425.5	1455.8	1478.4	1501.1
47.5°	5206.7	4064.8	2159.1	1444.4	1172.2	1210.0	1266.7	1266.7	1251.6	1206.2	1191.1
50°	5267.2	4083.7	2057.0	1304.5	1039.8	1066.3	1126.8	1092.8	1058.7	964.2	952.9
52.5°	5320.1	4155.5	1936.0	1168.4	926.4	952.9	1013.4	960.4	892.4	816.7	805.4
55°	5233.2	4159.3	1712.9	1017.1	847.0	869.7	926.4	862.1	797.8	752.5	744.9
57.5°	4972.3	4045.9	1478.4	899.9	778.9	801.6	854.6	790.3	729.8	726.0	744.9
60°	4397.5	3648.9	1262.9	824.3	714.6	741.1	794.1	726.0	646.6	612.6	623.9
62.5°	3319.9	2805.6	1081.4	737.3	654.1	688.2	726.0	616.3	548.3	533.1	518.0
65°	*2427.5*	*2155.3*	*971.8*	*669.3*	*597.4*	*639.0*	*608.8*	*548.3*	*502.9*	*487.8*	*480.2*
67.5°	1569.2	1463.3	835.6	605.0	544.5	578.5	536.9	506.7	457.5	450.0	461.3
70°	960.4	994.5	699.5	533.1	491.6	484.0	491.6	461.3	408.4	419.7	434.8
72.5°	680.6	733.6	601.2	465.1	419.7	404.6	438.6	419.7	381.9	393.2	408.4
75°	487.8	544.5	495.3	381.9	355.4	347.9	408.4	419.7	393.2	400.8	412.2
77.5°	287.4	347.9	351.7	294.9	268.5	310.1	434.8	484.0	465.1	442.4	431.1
80°	185.3	208.0	249.6	189.1	189.1	268.5	476.4	589.9	506.7	450.0	442.4
82.5°	94.5	109.7	162.6	121.0	113.4	200.4	468.9	563.4	559.6	499.1	487.8
85°	26.5	34.0	75.6	52.9	45.4	105.9	351.7	423.5	378.1	276.0	279.8
87.5°	3.8	3.8	0.0	0.0	3.8	15.1	41.6	7.6	7.6	7.6	7.6
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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

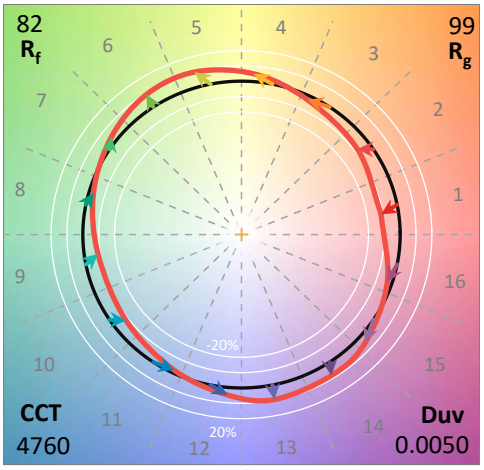
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-12
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-850-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4760
CIE u':	0.2107
CIE v':	0.4939
Duv:	0.0050
CIE x:	0.3537
CIE y:	0.3685
CIE z:	0.2779
Peak Wavelength (nm):	443
Dominant Wavelength (nm):	571
Purity:	16.69598
Rf:	82
Rg:	99.4

CRI (Ra):	81.1				
R1:	79.8	R9:	8.7		
R2:	83.5	R10:	62.4		
R3:	87.9	R11:	83.8		
R4:	83.1	R12:	63.0		
R5:	80.5	R13:	79.9		
R6:	79.1	R14:	93.3		
R7:	86.1	R15:	72.7		
R8:	69.0				



Test Conditions

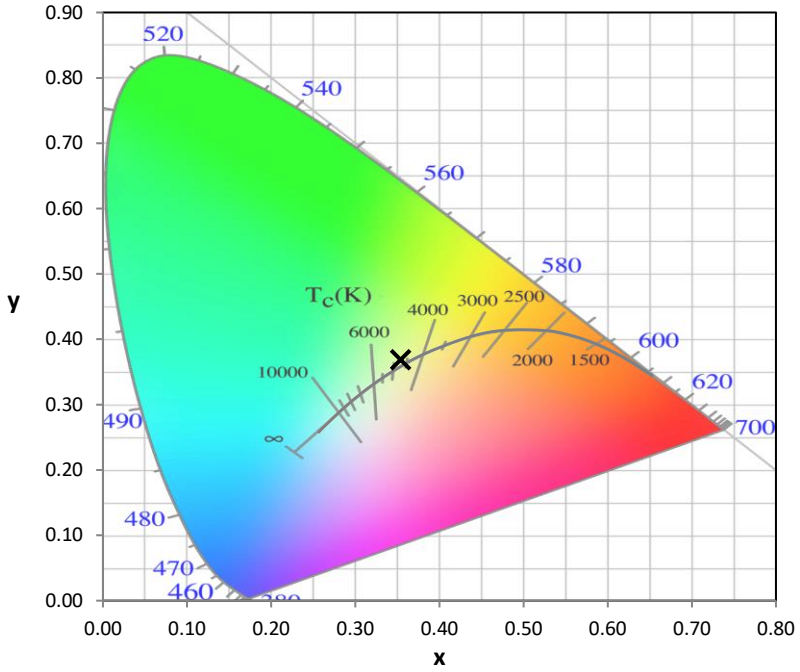
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

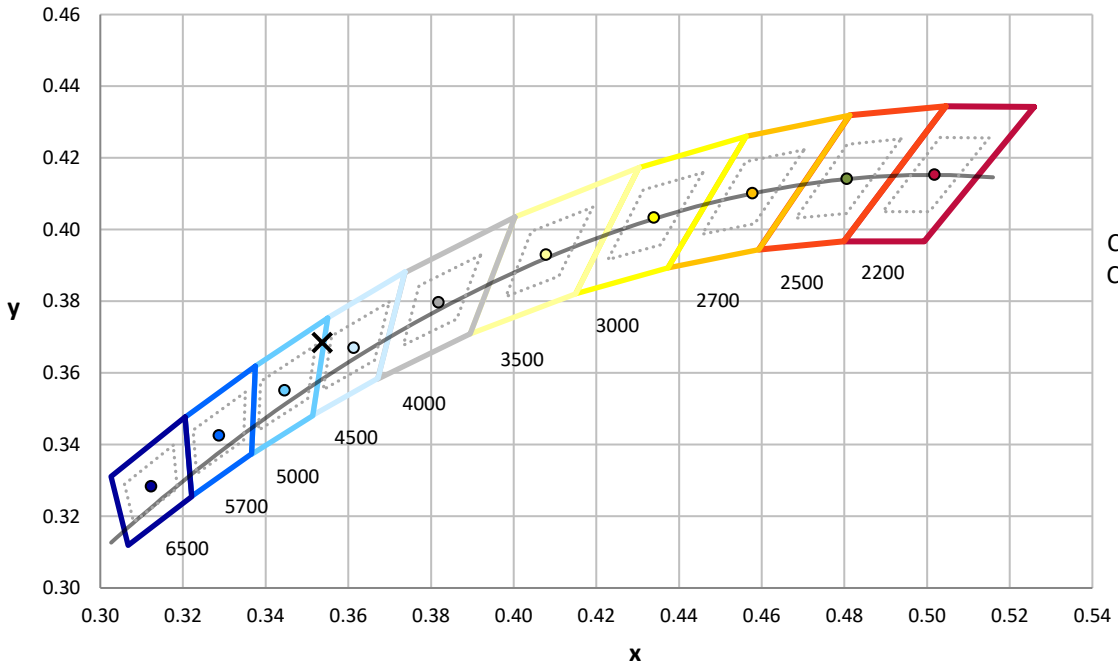
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



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

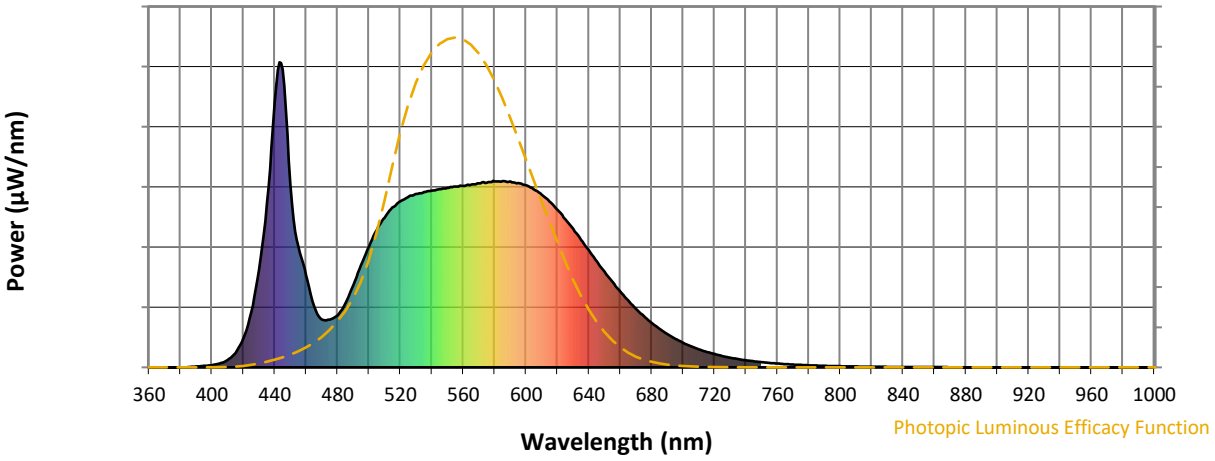


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

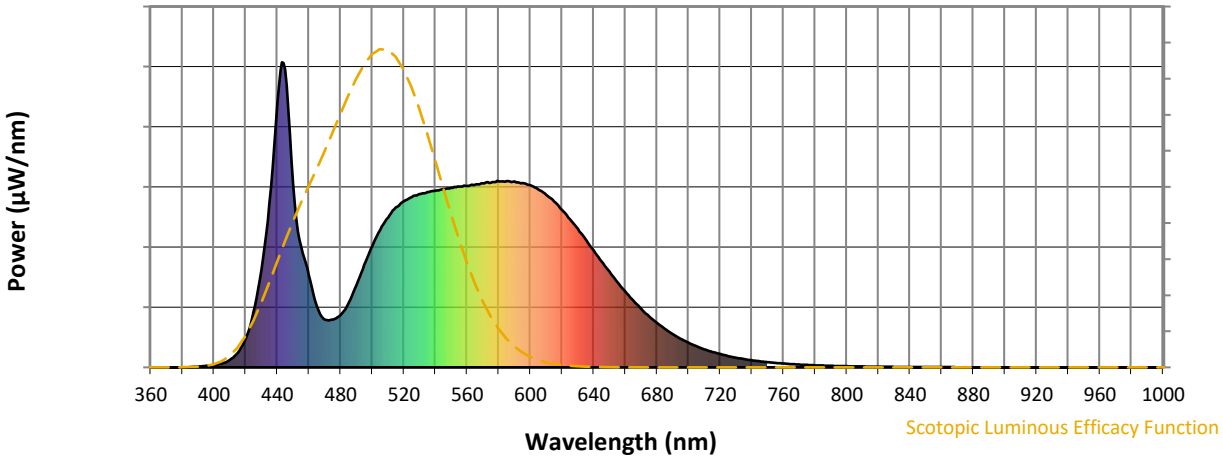


Photopic Lumens: NR

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Scotopic Flux vs. Wavelength

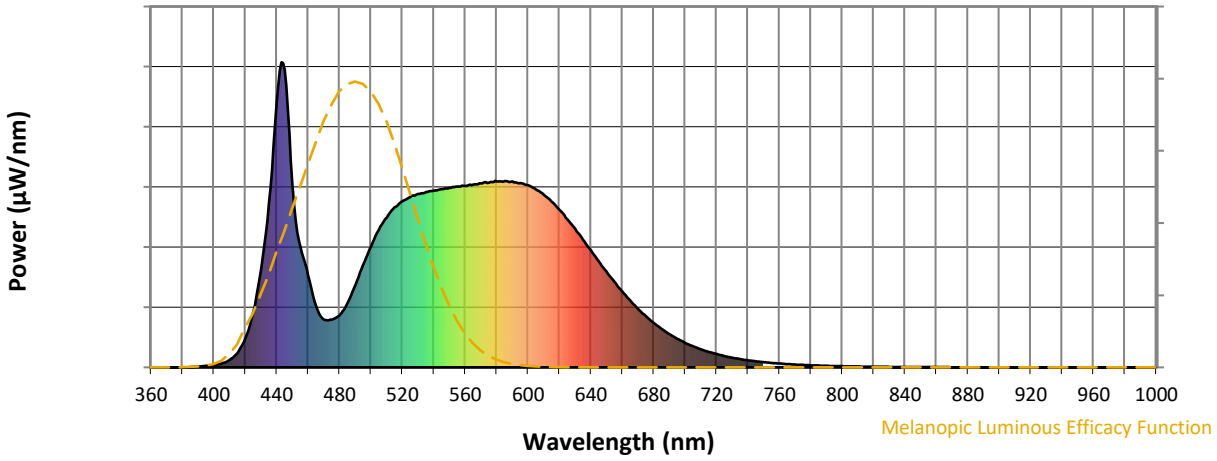


Scotopic Lumens: NR **S/P: 1.83**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.74**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

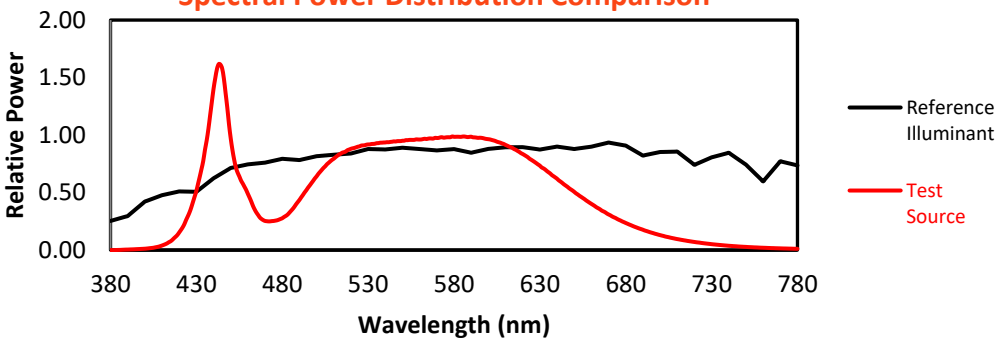
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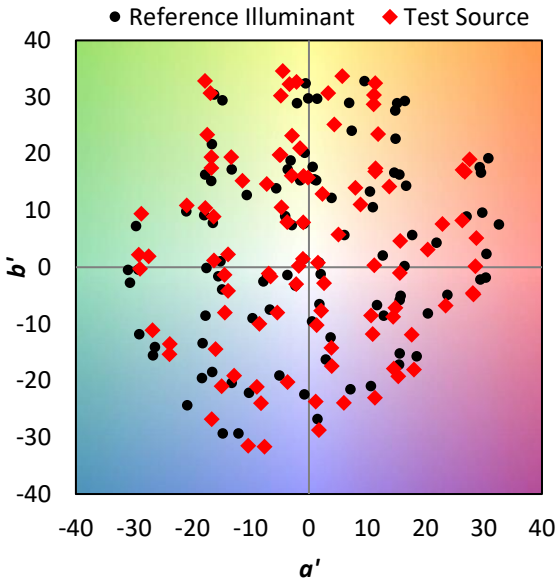
Summary

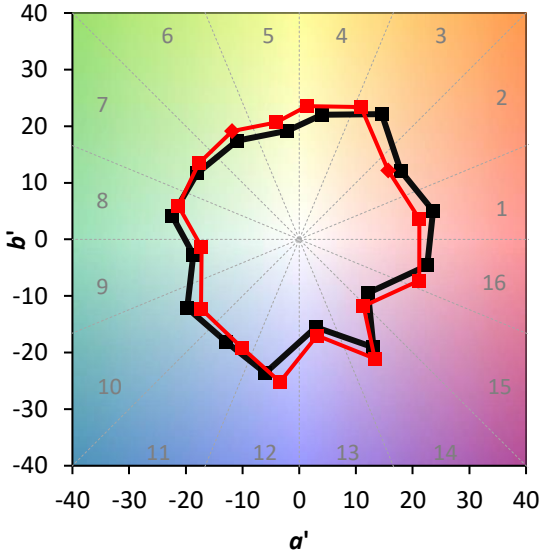
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

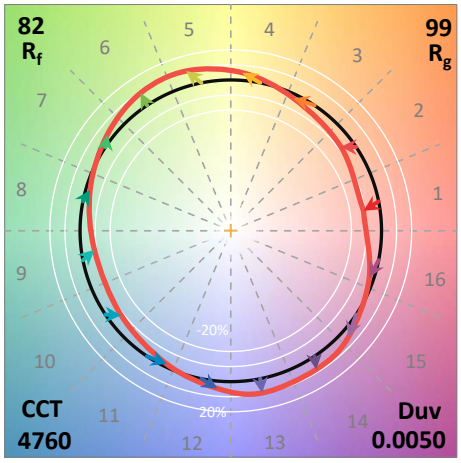
Spectral Power Distribution Comparison

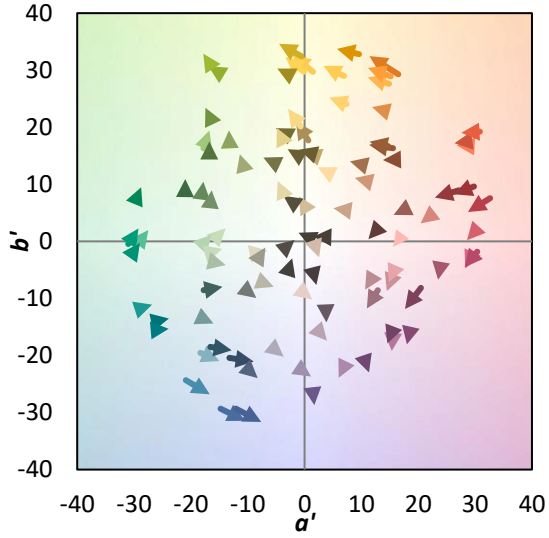


Color Vector Graphics







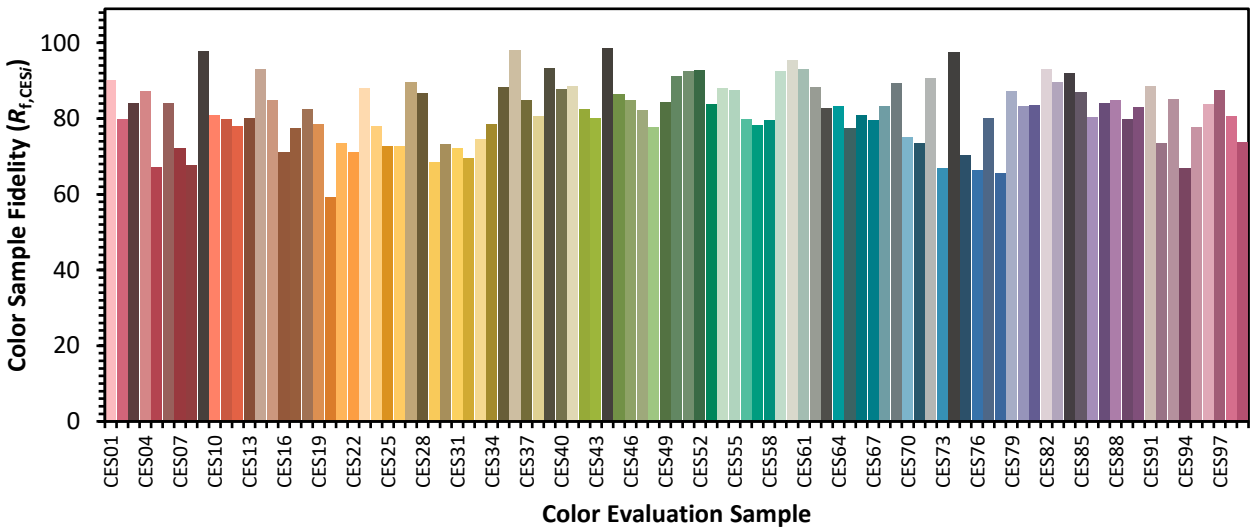


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Individual Sample Fidelity Index ($R_{f,i}$)

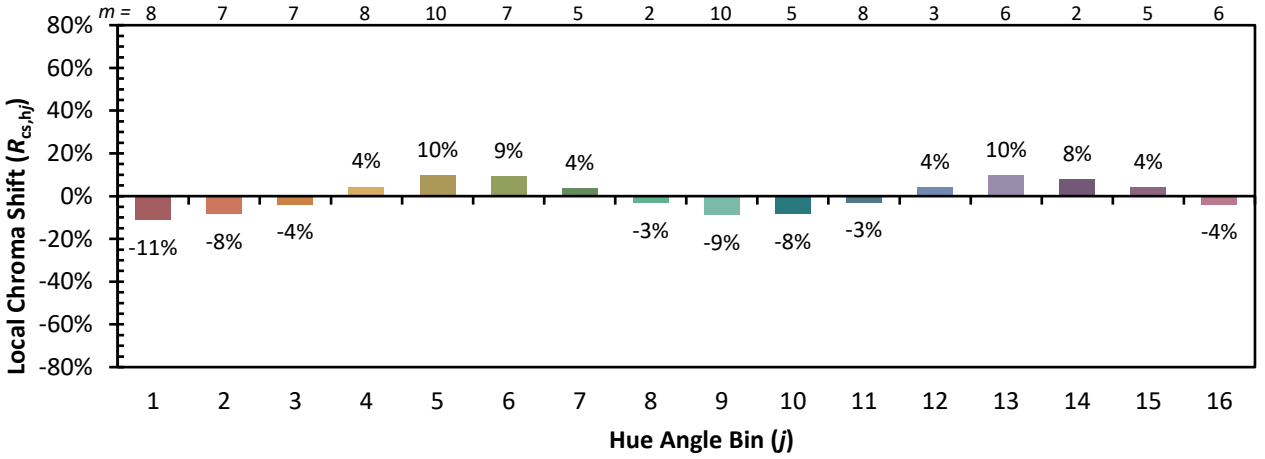
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	

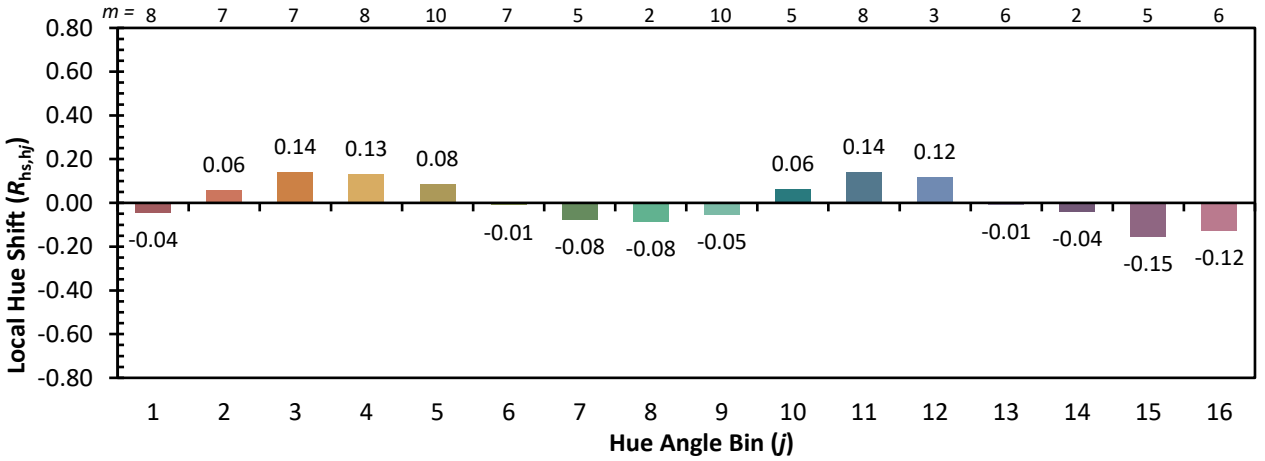


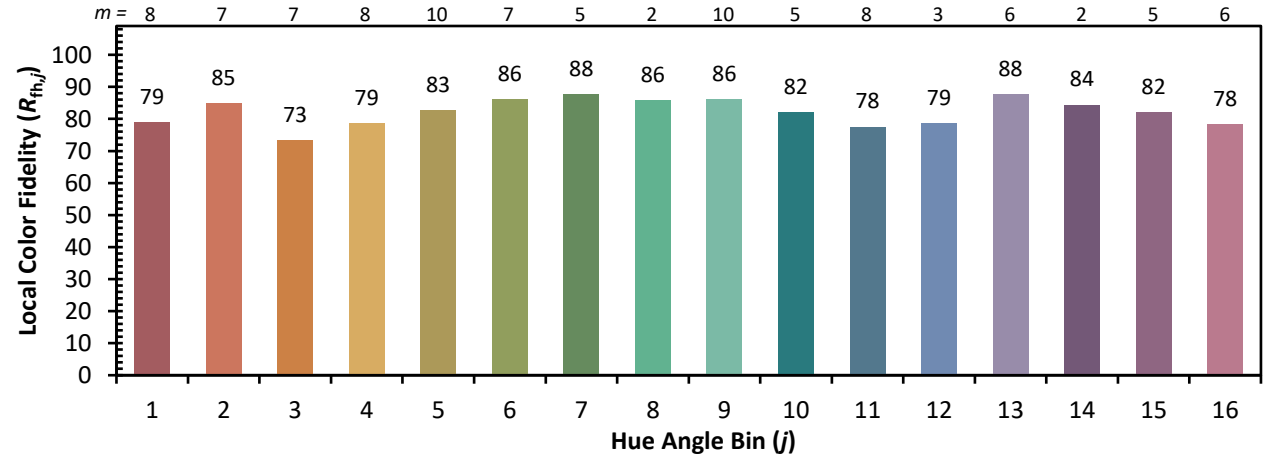
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Color Rendition by Hue-Angle Bin



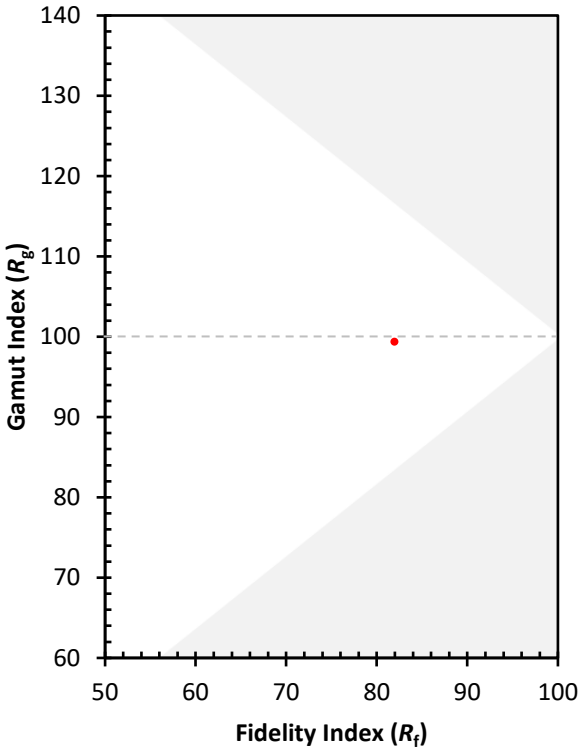


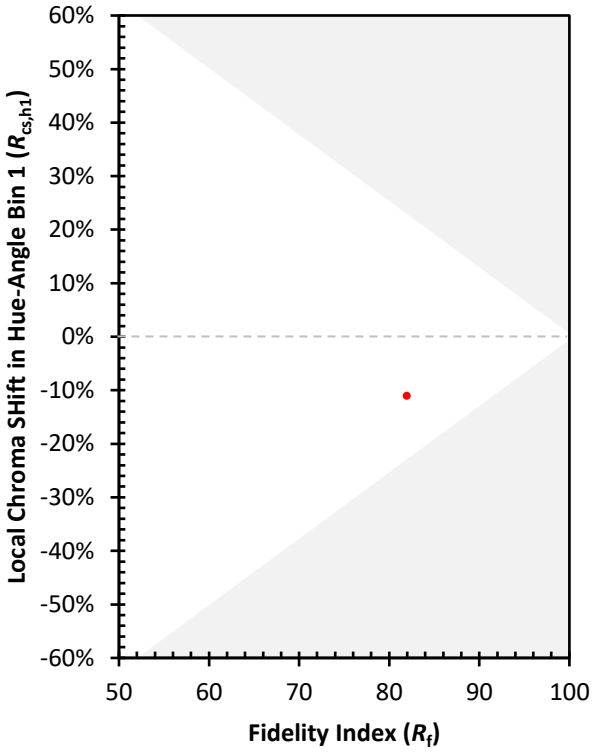


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Measure Comparisons





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