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: P1501170

Luminaire Tested: GSS-SB4B-835-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:	P1501170
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-835-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 80CRI 3500K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20790.4 lumens
Efficiency:	N/A
Efficacy:	140.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

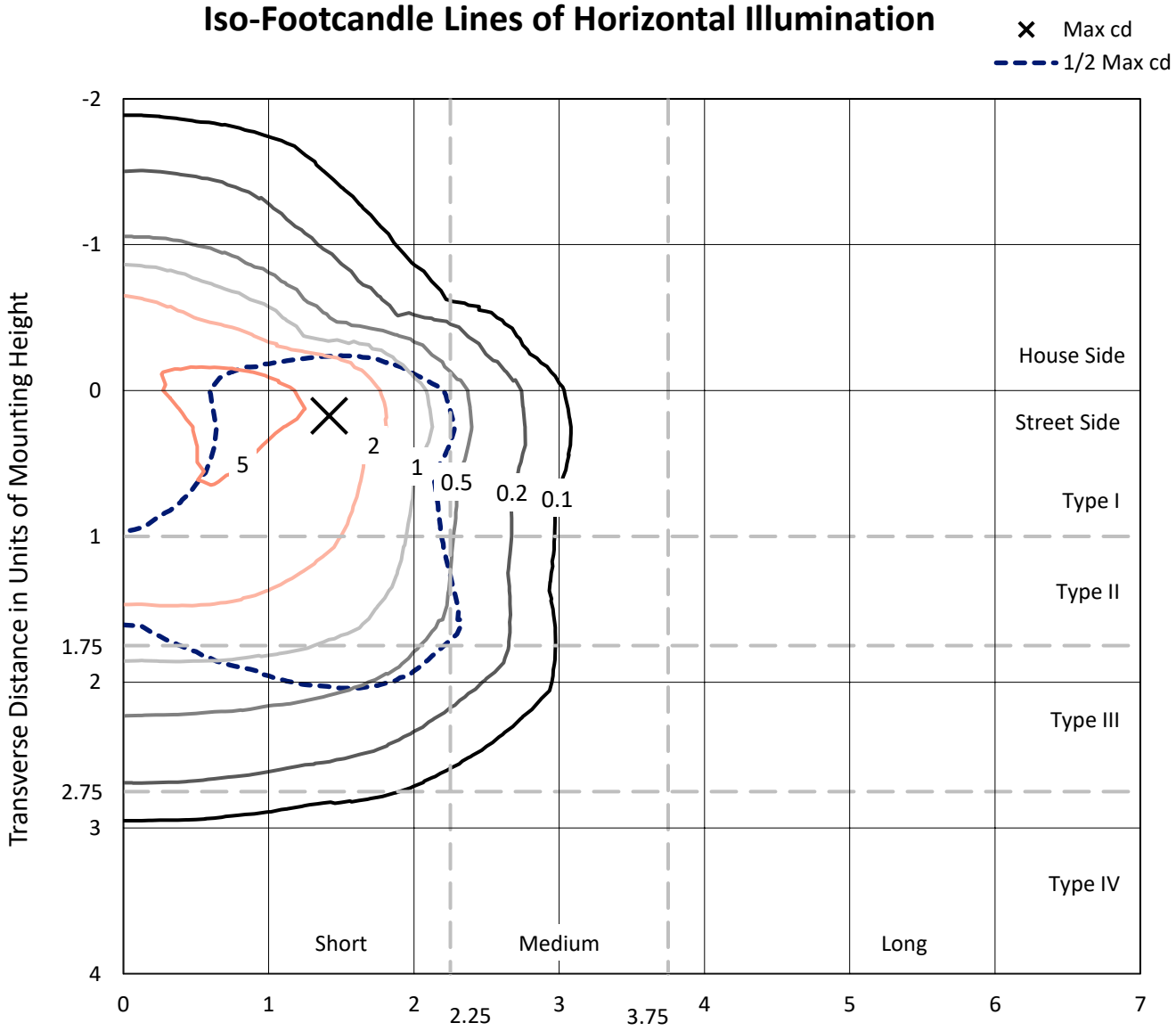
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1501170
CATALOG NUMBER: GSS-SB4B-835-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



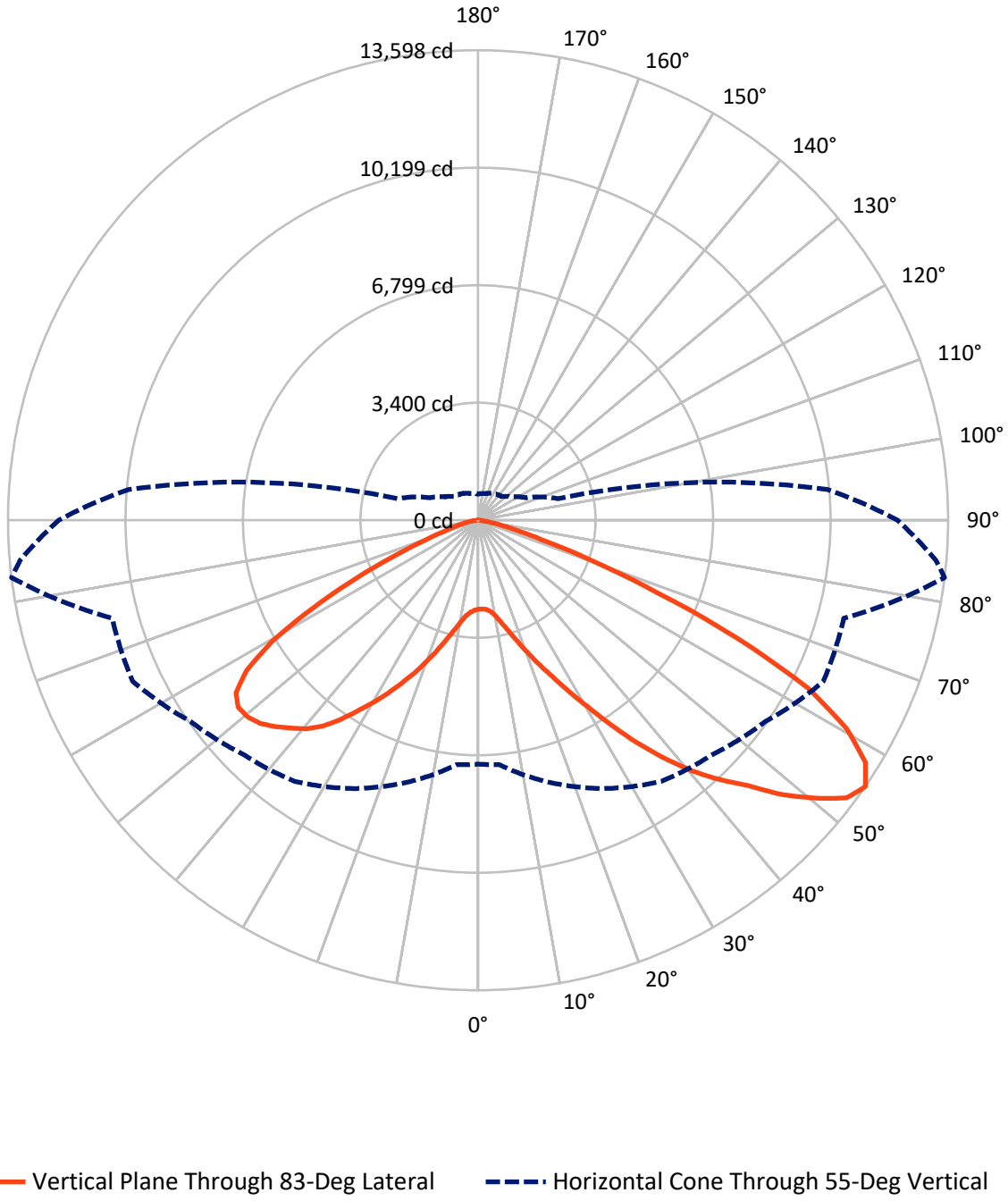
Based on 25 foot mounting height. Maximum calculated value = 7 fc
Type III - Short - N/A

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REPORT NUMBER: P1501170
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Luminous Intensity Polar Plot



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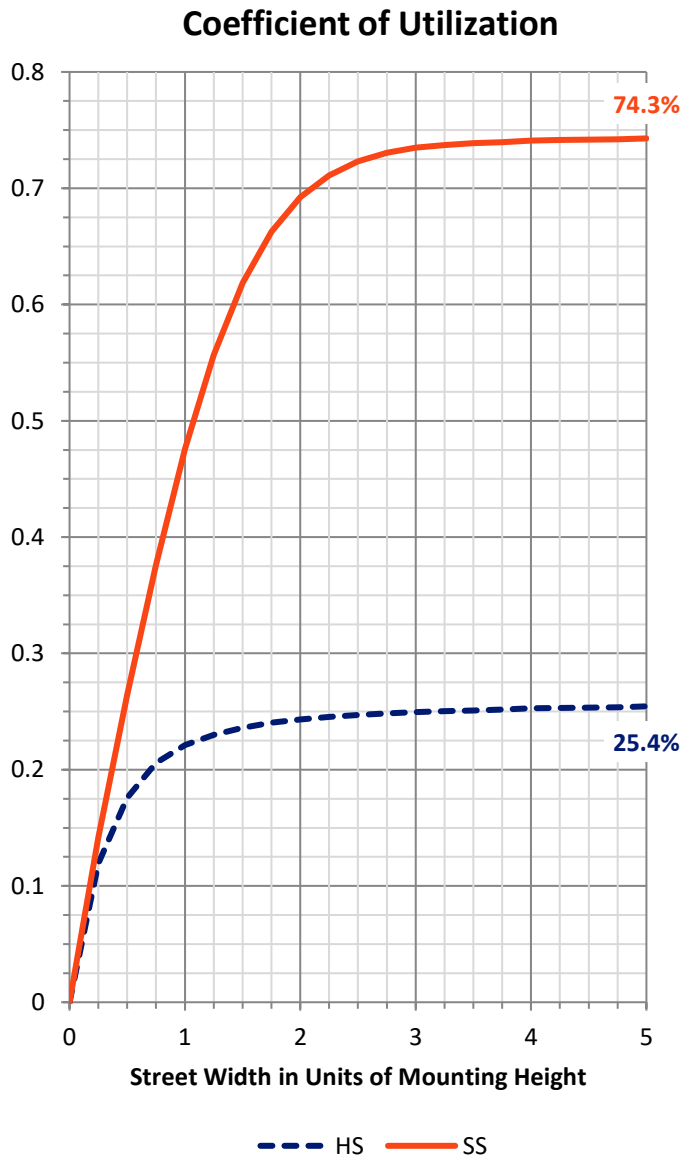
REPORT NUMBER: P1501170
CATALOG NUMBER: GSS-SB4B-835-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5335.3	0.0	5335.3
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	15455.2	0.0	15455.2
	% Fixture	74.3	0.0	74.3
Total	Lumens	20790.4	0.0	20790.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	248.7	1.2
10°-20°	810.1	3.9
20°-30°	1621.8	7.8
30°-40°	2885.4	13.9
40°-50°	4348.2	20.9
50°-60°	5298.6	25.5
60°-70°	4284.6	20.6
70°-80°	1173.5	5.6
80°-90°	119.5	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°	20790.4	100.0
0°-180°	20790.4	100.0



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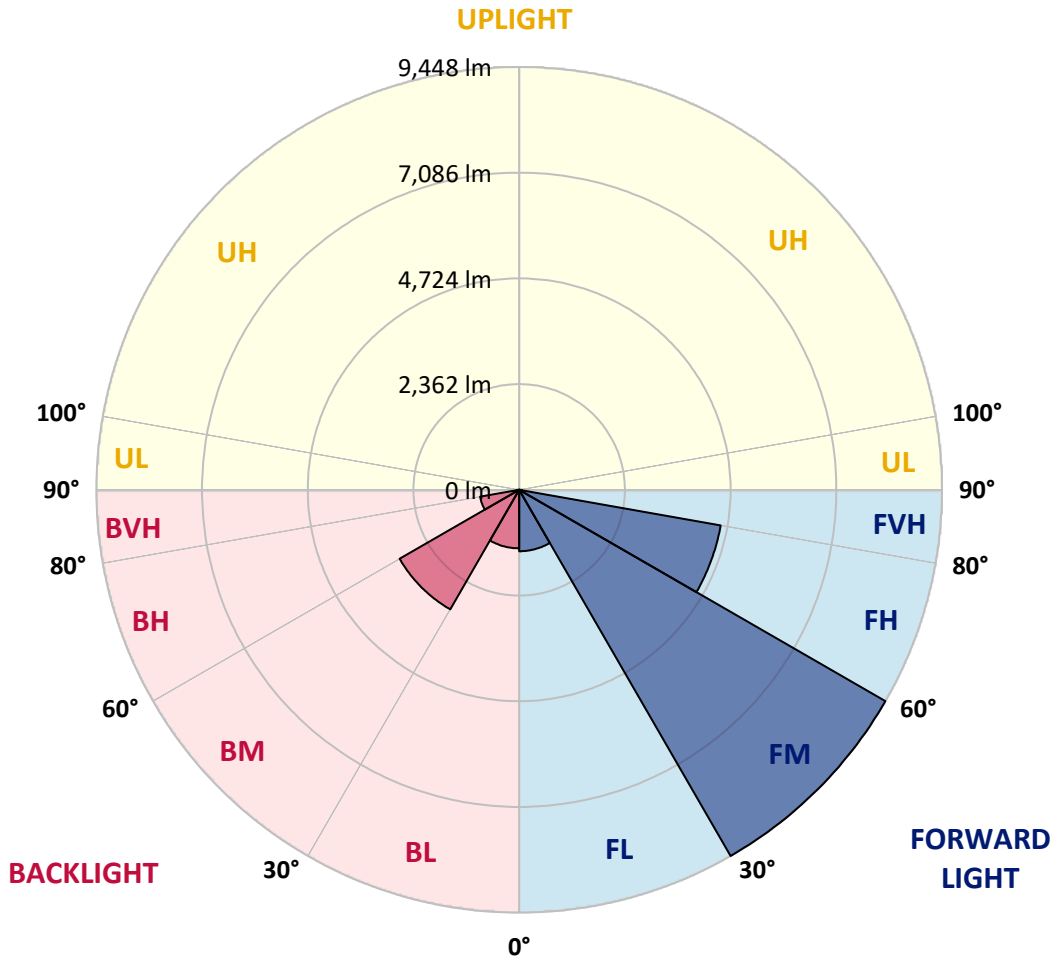
Scaled Data Report

REPORT NUMBER: P1501170
CATALOG NUMBER: GSS-SB4B-835-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1372.7	6.6			
FM	(30°-60°)	9447.8	45.4			
FH	(60°-80°)	4572.4	22.0			G2/5000
FVH	(80°-90°)	62.2	0.3			G1/100
BL	(0°-30°)	1307.8	6.3	B3/2500		
BM	(30°-60°)	3084.4	14.8	B3/5000		
BH	(60°-80°)	885.8	4.3	B2/1000		G2/1000
BVH	(80°-90°)	57.3	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°	2573.6	2573.6	2573.6	2573.6	2573.6	2573.6	2573.6	2573.6	2573.6	*2573.6*	2573.6
2.5°	2499.7	2495.1	2490.5	2485.8	2495.1	2508.9	2522.8	2532.1	2555.2	*2573.6*	2564.4
5°	2301.0	2291.8	2301.0	2338.0	2370.3	2425.8	2481.2	2518.2	2569.0	*2592.1*	2601.4
7.5°	2125.4	2116.2	2125.4	2171.6	2227.1	2314.9	2430.4	2522.8	2615.2	*2670.7*	2679.9
10°	2125.4	2130.1	2130.1	2148.5	2176.3	2264.1	2402.7	2578.3	2740.0	*2818.5*	2837.0
12.5°	2194.8	2194.8	2194.8	2217.9	2236.3	2305.6	2462.7	2679.9	2938.7	*3054.2*	3068.0
15°	2287.2	2282.5	2296.4	2310.3	2342.6	2411.9	2569.0	2827.8	3155.8	*3331.4*	3349.9
17.5°	2416.5	2407.3	2421.2	2453.5	2499.7	2578.3	2735.4	3031.1	3456.2	*3677.9*	3705.7
20°	2559.8	2555.2	2582.9	2633.7	2698.4	2795.4	2975.6	3276.0	3798.1	*4079.9*	4130.8
22.5°	2730.7	2721.5	2772.3	2864.7	2952.5	3063.4	3280.6	3594.8	4190.8	*4528.1*	4578.9
25°	2924.8	2924.8	2994.1	3105.0	3239.0	3437.7	3654.8	4001.4	4652.9	*5013.3*	5091.8
27.5°	3243.6	3266.7	3294.4	3410.0	3599.4	3867.4	4098.4	4491.2	5156.5	*5609.3*	5637.0
30°	3761.1	3751.9	3798.1	3876.6	4033.7	4315.6	4662.1	5082.6	5794.1	*6270.1*	6339.4
32.5°	4227.8	4241.6	4306.3	4454.2	4643.6	4883.9	5299.7	5817.2	6487.2	*7037.1*	7069.4
35°	4699.1	4708.3	4833.1	5054.9	5336.7	5604.7	6057.5	6565.8	7240.4	*7891.9*	7979.7
37.5°	5359.8	5350.6	5475.3	5664.8	6043.7	6459.5	6824.5	7309.7	7961.2	*8723.6*	8825.2
40°	5854.2	5905.0	6140.7	6381.0	6736.7	7166.4	7476.0	7933.5	8552.6	*9536.8*	9629.2
42.5°	6362.5	6404.1	6718.3	7078.7	7452.9	7744.0	7984.3	8409.4	9023.9	*10257.6*	10308.4
45°	6782.9	6838.4	7198.8	7656.2	8044.3	8340.1	8423.2	8820.6	9504.4	*10950.7*	11029.2
47.5°	7050.9	7111.0	7536.1	8072.1	8469.4	8783.6	8755.9	9315.0	10017.3	*11870.1*	11842.4
50°	7235.8	7272.7	7734.8	8307.7	8825.2	9033.1	9153.3	9874.1	10544.1	*12641.8*	12540.1
52.5°	7369.7	7429.8	7850.3	8478.7	9023.9	9296.5	9619.9	10520.9	10909.1	*13348.7*	13122.3
55°	*7055.6*	*7101.8*	*7841.0*	*8566.5*	*9227.2*	*9587.6*	*10151.3*	*11024.6*	*10955.3*	*13598.2*	*13293.3*
57.5°	6732.1	6769.1	7452.9	8543.4	9449.0	9948.0	10756.6	11089.3	10544.1	*13214.7*	12831.2
60°	6325.5	6353.2	7037.1	8298.5	9453.6	10229.9	11066.2	10618.0	9781.7	*12249.0*	11884.0
62.5°	5577.0	5577.0	6330.1	7637.7	9222.6	10373.1	10983.0	9726.2	8760.5	*10728.9*	10225.2
65°	4837.7	4805.4	5313.6	6459.5	8608.0	10336.1	10359.2	8598.8	7175.7	*8275.4*	7882.6
67.5°	4033.7	4038.3	4338.7	5244.3	6972.4	9564.5	9042.4	6644.3	4999.4	*5572.4*	5369.1
70°	2730.7	2800.0	3105.0	3807.3	5258.2	6778.3	7198.8	4500.4	3118.9	*3460.8*	3294.4
72.5°	1039.6	1053.5	1409.3	1996.1	3322.2	4075.3	5022.5	2518.2	1825.1	*1908.3*	1917.5
75°	439.0	457.4	600.7	840.9	1473.9	2222.5	2642.9	1275.3	1108.9	*1141.3*	1132.0
77.5°	295.7	305.0	365.0	452.8	665.4	891.8	1104.3	720.8	679.2	*637.6*	619.2
80°	221.8	221.8	263.4	305.0	374.3	457.4	480.5	365.0	406.6	*337.3*	328.1
82.5°	143.2	152.5	166.3	180.2	212.5	226.4	194.1	198.7	235.6	*175.6*	166.3
85°	69.3	73.9	78.5	83.2	83.2	78.5	69.3	87.8	120.1	*73.9*	69.3
87.5°	9.2	9.2	9.2	9.2	9.2	9.2	4.6	4.6	4.6	*4.6*	4.6
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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Scaled Data Report

REPORT NUMBER: P1501170
CATALOG NUMBER: GSS-SB4B-835-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2573.6	2573.6	2573.6	2573.6	2573.6	2573.6	2573.6	2573.6	2573.6	2573.6	2573.6
2.5°	2578.3	2596.7	2610.6	2619.8	2642.9	2638.3	2652.2	2661.4	2670.7	2684.5	2666.0
5°	2624.5	2656.8	2693.8	2721.5	2749.2	2763.1	2767.7	2776.9	2781.6	2790.8	2786.2
7.5°	2726.1	2763.1	2818.5	2846.2	2869.3	2869.3	2855.5	2850.9	2837.0	2846.2	2846.2
10°	2897.1	2952.5	3012.6	3017.2	2989.5	2957.1	2906.3	2878.6	2841.6	2832.4	2823.1
12.5°	3146.6	3220.5	3266.7	3234.4	3137.3	3017.2	2883.2	2758.5	2661.4	2619.8	2610.6
15°	3428.4	3520.8	3530.1	3437.7	3262.1	2971.0	2689.1	2550.5	2499.7	2499.7	2495.1
17.5°	3816.6	3881.2	3844.3	3622.5	3229.8	2753.8	2550.5	2527.4	2541.3	2559.8	2559.8
20°	4223.2	4297.1	4144.6	3751.9	3031.1	2624.5	2564.4	2582.9	2615.2	2633.7	2629.1
22.5°	4708.3	4745.3	4449.6	3756.5	2818.5	2592.1	2592.1	2615.2	2638.3	2666.0	2666.0
25°	5207.3	5193.5	4731.4	3585.5	2698.4	2582.9	2573.6	2592.1	2601.4	2615.2	2610.6
27.5°	5766.4	5692.5	4948.6	3312.9	2661.4	2555.2	2508.9	2490.5	2499.7	2513.6	2518.2
30°	6408.7	6233.1	5124.2	3142.0	2647.6	2490.5	2379.6	2328.7	2319.5	2338.0	2338.0
32.5°	7152.6	6773.7	5230.4	3118.9	2633.7	2375.0	2227.1	2130.1	2111.6	2120.8	2143.9
35°	7915.0	7425.2	5202.7	3178.9	2638.3	2282.5	2065.4	1936.0	1917.5	1926.8	1949.9
37.5°	8714.3	8044.3	5096.4	3271.3	2601.4	2157.8	1917.5	1760.4	1732.7	1751.2	1760.4
40°	9333.5	8566.5	4833.1	3308.3	2536.7	2000.7	1746.6	1612.6	1538.6	1534.0	1557.1
42.5°	9906.4	8977.7	4546.6	3248.2	2402.7	1834.4	1571.0	1437.0	1321.5	1233.7	1233.7
45°	10479.4	9393.5	4255.5	3077.3	2180.9	1658.8	1386.2	1206.0	1072.0	1007.3	1011.9
47.5°	11052.3	9795.5	3909.0	2818.5	1959.1	1473.9	1187.5	1044.2	951.8	901.0	901.0
50°	11583.7	10086.6	3465.4	2407.3	1705.0	1289.1	1048.9	965.7	896.4	850.2	840.9
52.5°	12050.3	10280.7	2864.7	1908.3	1427.7	1081.2	974.9	910.2	859.4	808.6	794.7
55°	*12133.5*	*10151.3*	*2398.1*	*1534.0*	*1178.2*	*970.3*	*919.5*	*864.0*	*794.7*	*771.6*	*757.8*
57.5°	11620.6	9467.5	2023.8	1293.7	1007.3	891.8	873.3	808.6	753.1	730.0	716.2
60°	10747.4	8224.5	1672.6	1108.9	896.4	817.8	840.9	776.2	688.5	674.6	660.7
62.5°	9176.4	6417.9	1335.3	933.3	813.2	762.4	785.5	693.1	619.2	600.7	596.0
65°	7134.1	4592.8	1122.8	822.5	748.5	706.9	697.7	614.5	559.1	545.2	545.2
67.5°	4980.9	2920.2	938.0	753.1	665.4	637.6	633.0	577.6	540.6	526.7	526.7
70°	3049.6	1769.7	790.1	688.5	586.8	536.0	568.3	559.1	503.6	489.8	485.2
72.5°	1584.8	1058.1	693.1	633.0	494.4	457.4	508.3	512.9	466.7	485.2	480.5
75°	919.5	734.7	605.3	559.1	392.7	383.5	443.6	489.8	452.8	466.7	457.4
77.5°	526.7	471.3	466.7	457.4	309.6	314.2	397.4	439.0	388.1	402.0	369.6
80°	291.1	305.0	323.4	286.5	217.2	244.9	318.8	351.2	295.7	291.1	268.0
82.5°	152.5	189.4	217.2	184.8	124.8	147.9	217.2	217.2	189.4	180.2	175.6
85°	69.3	78.5	101.7	92.4	46.2	55.4	101.7	110.9	97.0	87.8	83.2
87.5°	4.6	4.6	4.6	4.6	4.6	4.6	9.2	13.9	4.6	4.6	4.6
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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

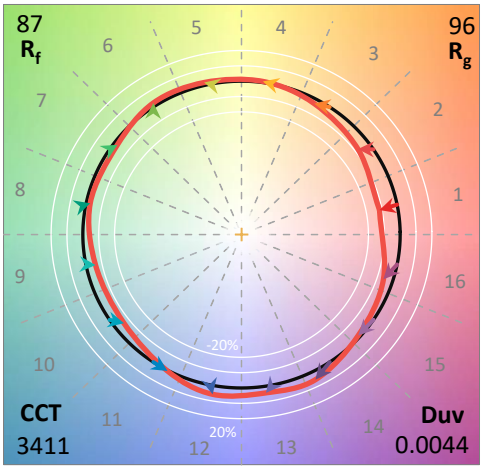
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-10
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-835-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3411
CIE u':	0.2360
CIE v':	0.5189
Duv:	0.0044
CIE x:	0.4154
CIE y:	0.4059
CIE z:	0.1787
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	579
Purity:	46.51914
Rf:	86.6
Rg:	95.9

CRI (Ra):	83.5
R1:	81.1
R2:	88.9
R3:	97.2
R4:	83.8
R5:	81.7
R6:	86.9
R7:	86.1
R8:	62.2
R9:	6.3
R10:	75.4
R11:	84.1
R12:	69.7
R13:	82.8
R14:	98.5
R15:	72.6



Test Conditions

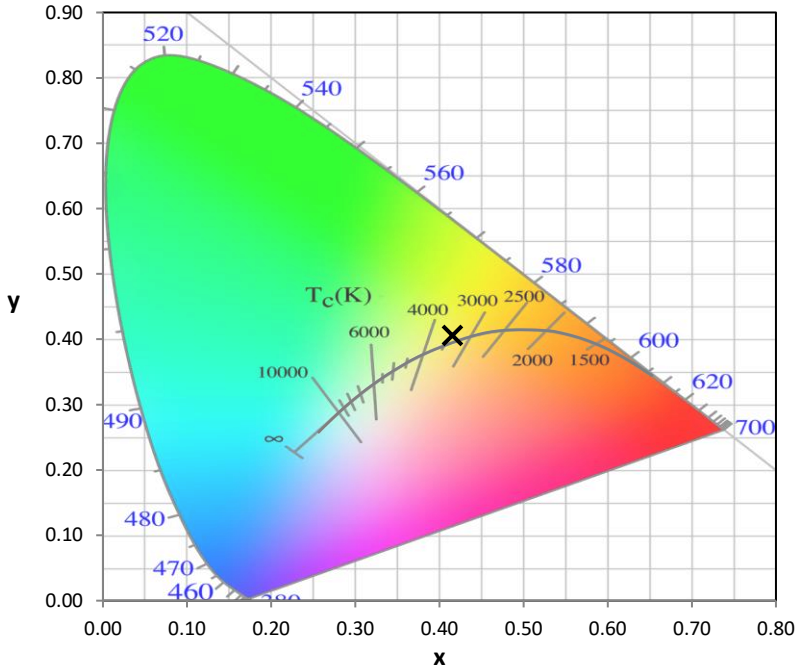
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

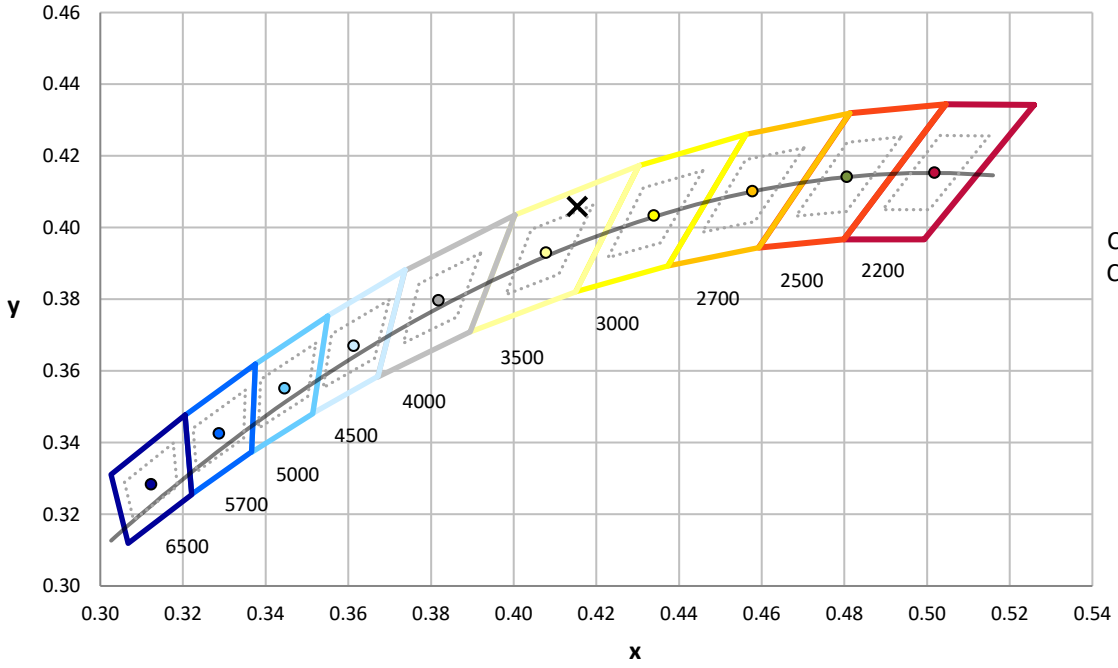
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-10

CIE 1931 Chromaticity Diagram



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

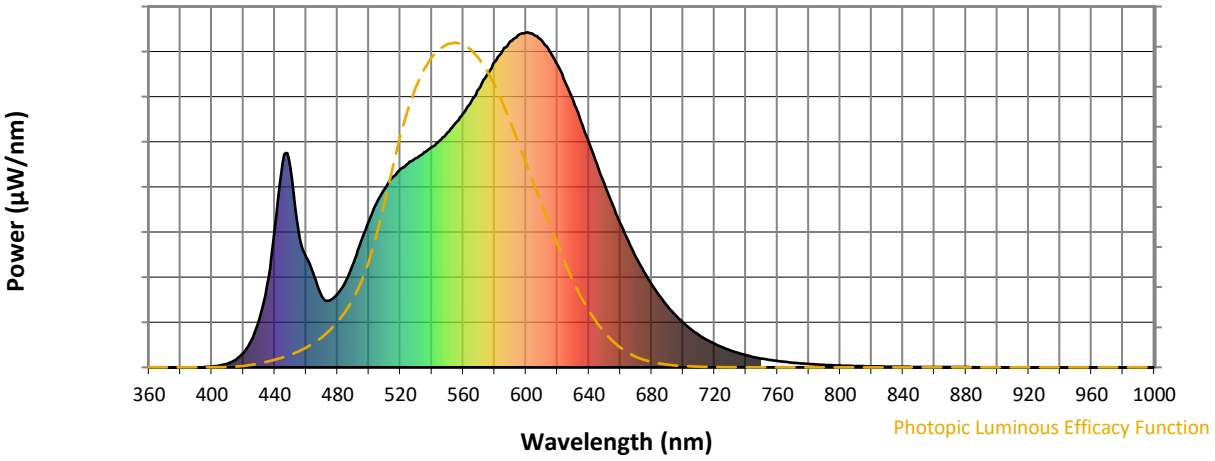


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

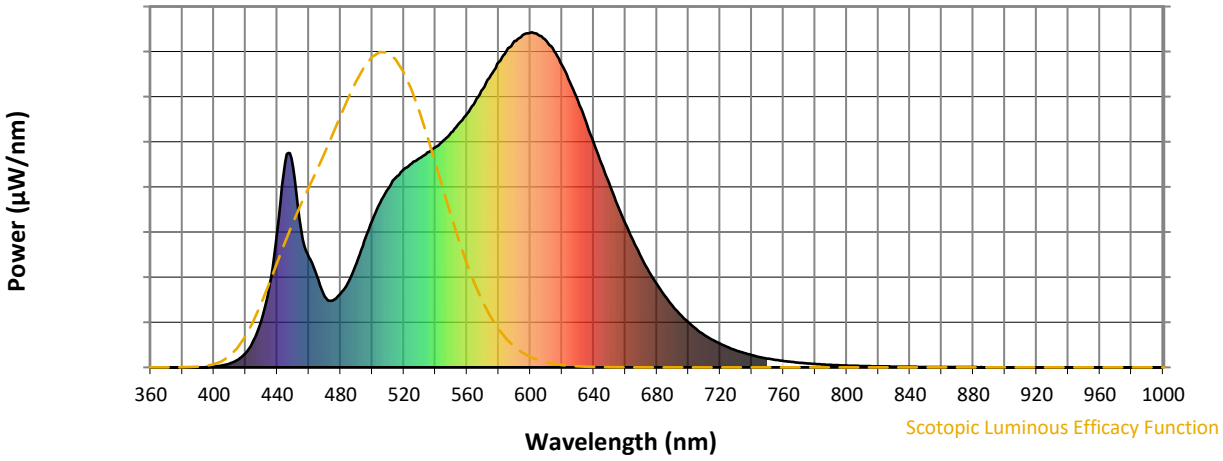


Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

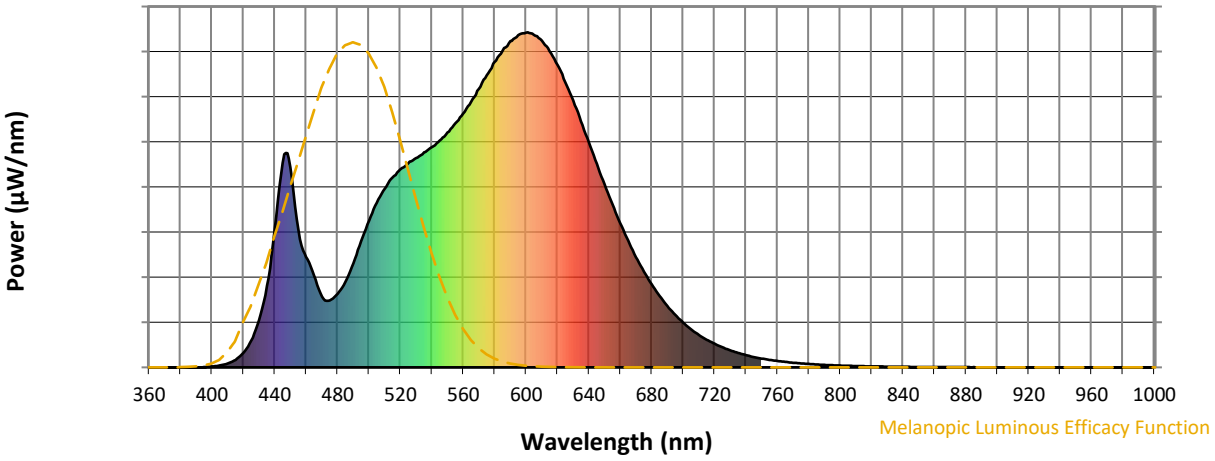


Scotopic Lumens: NR **S/P: 1.48**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

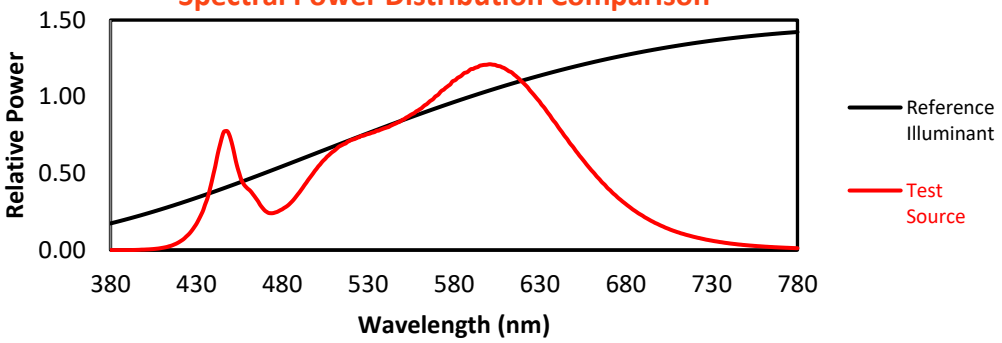
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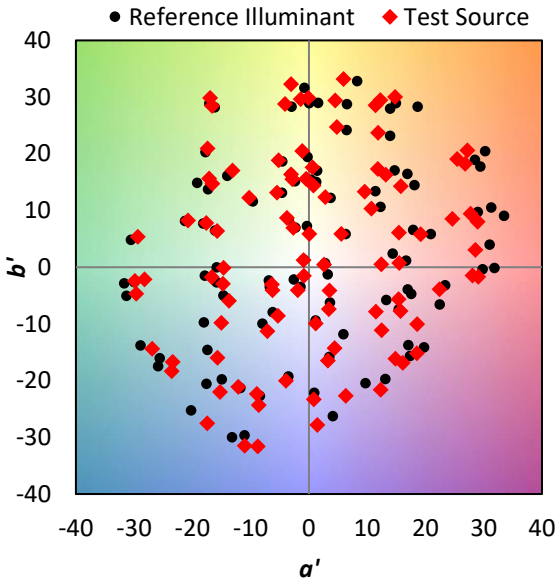
Summary

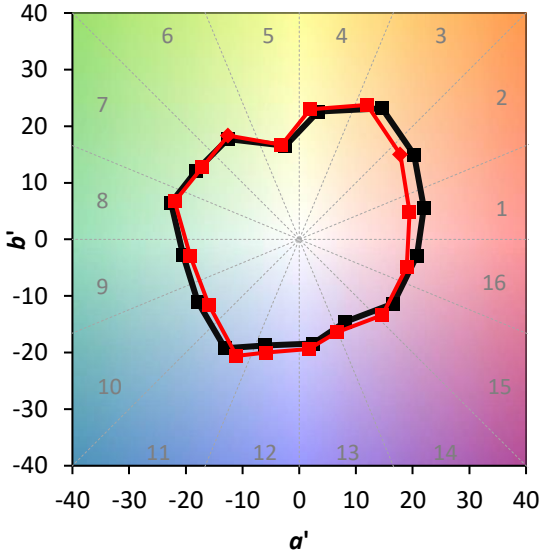
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

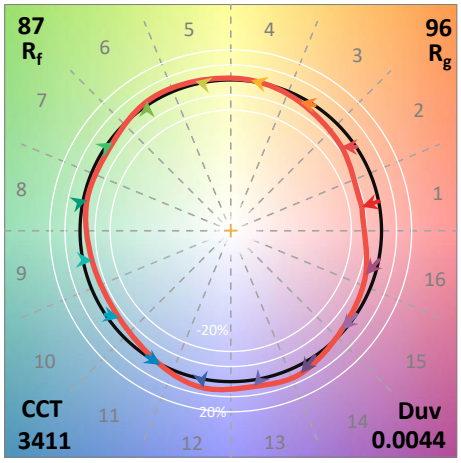
Spectral Power Distribution Comparison

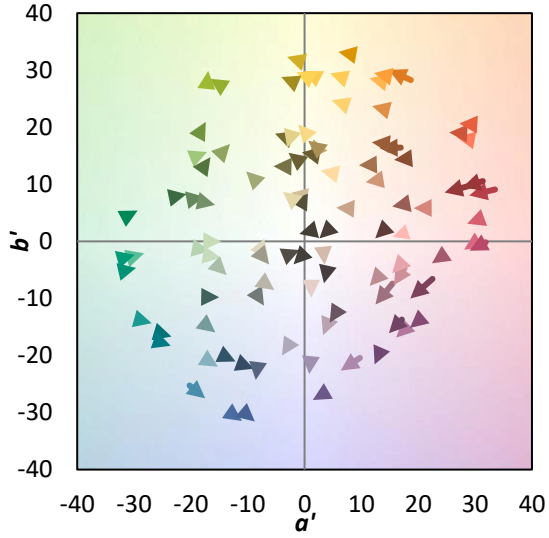


Color Vector Graphics







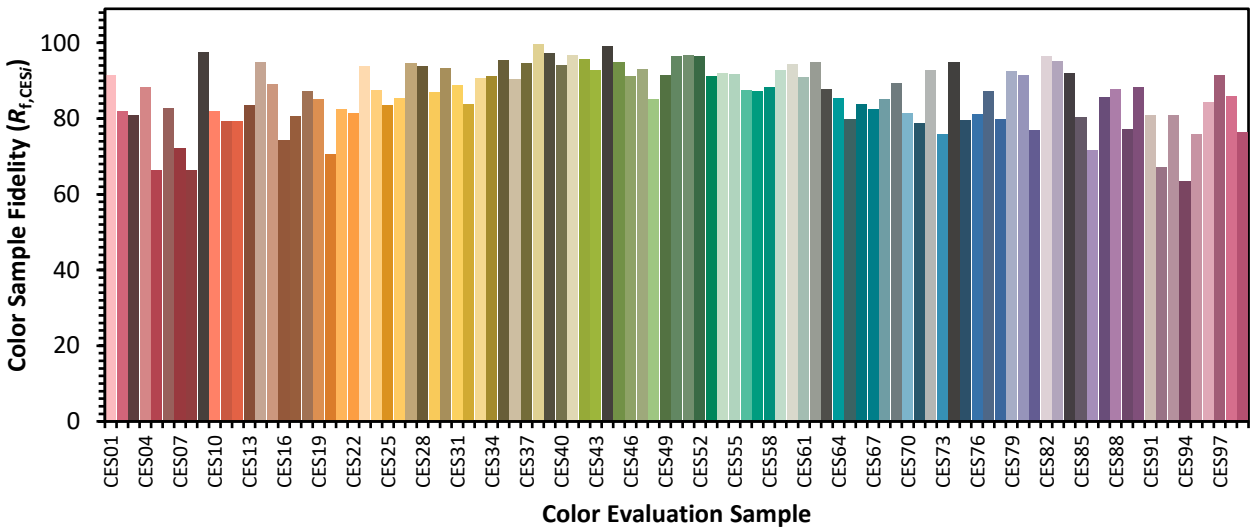


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Individual Sample Fidelity Index ($R_{f,i}$)

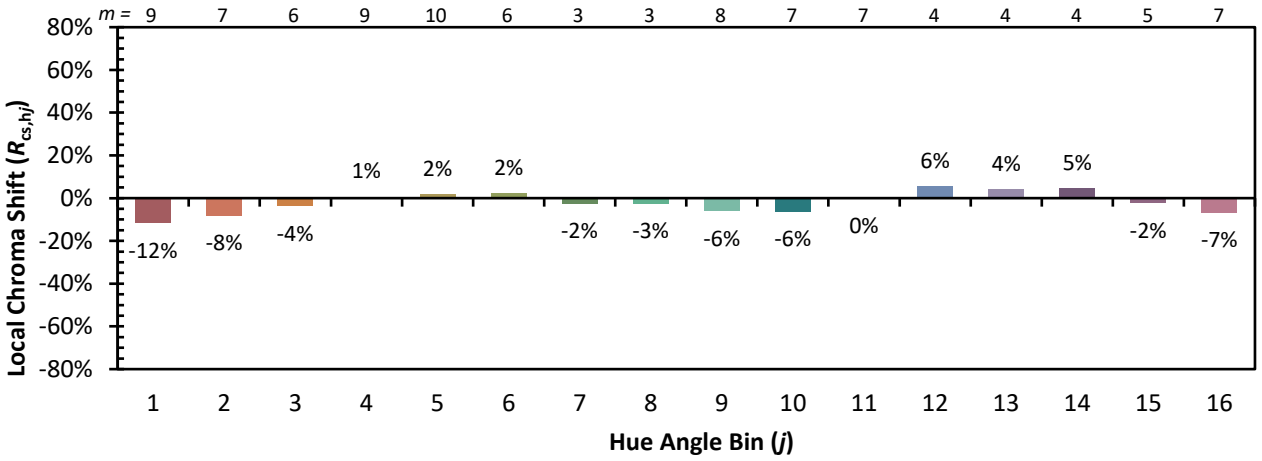
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	

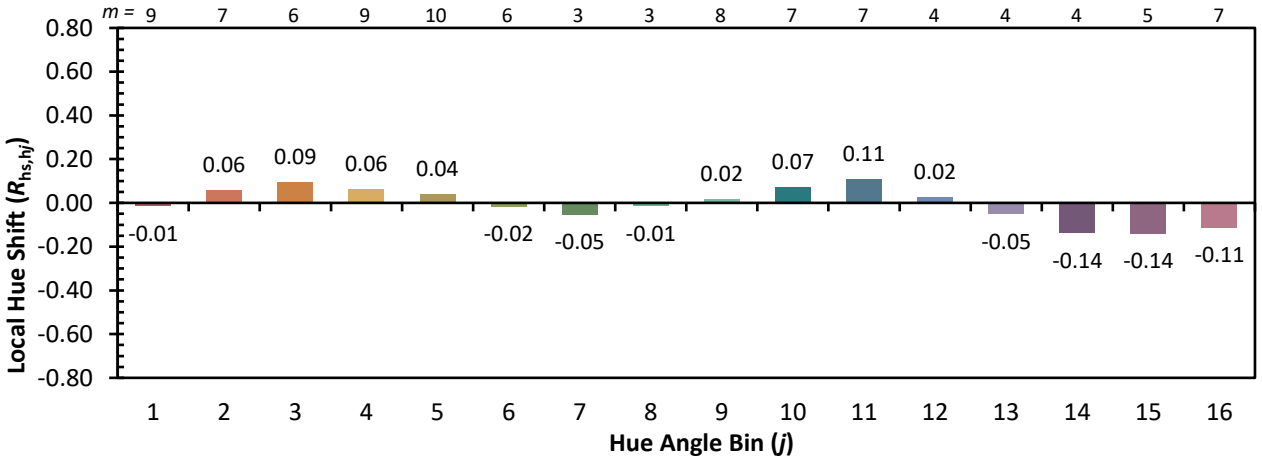


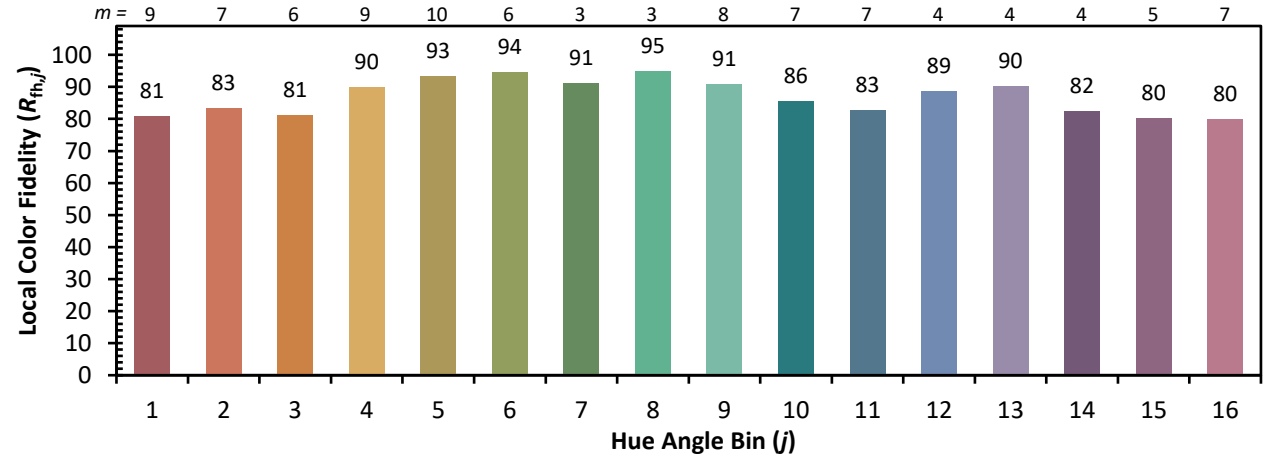
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Color Rendition by Hue-Angle Bin



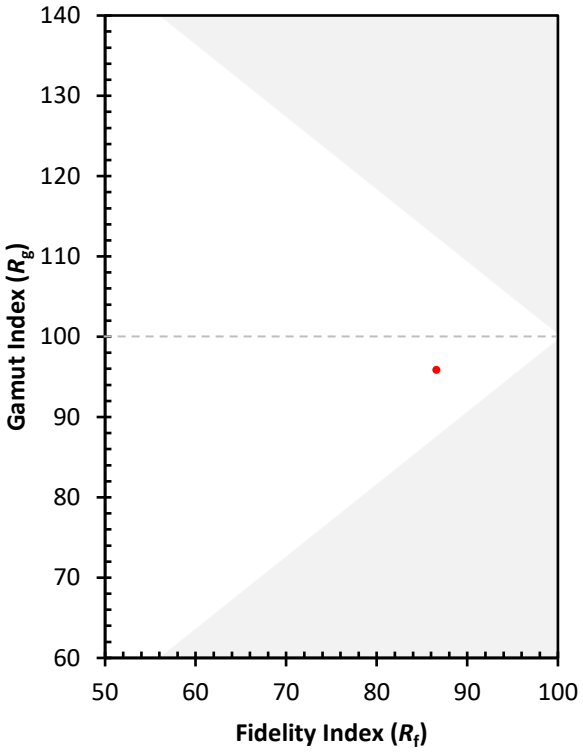


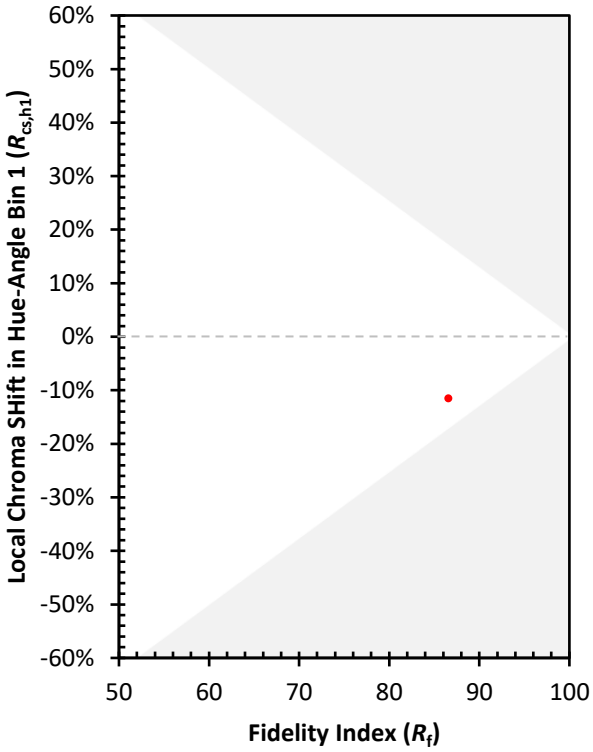


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Measure Comparisons





(END OF REPORT)