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: P1500787

Luminaire Tested: GSS-SB4C-835-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:	P1500787
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4C-835-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 204W 80CRI 3500K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	26915.3 lumens
Efficiency:	N/A
Efficacy:	131.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

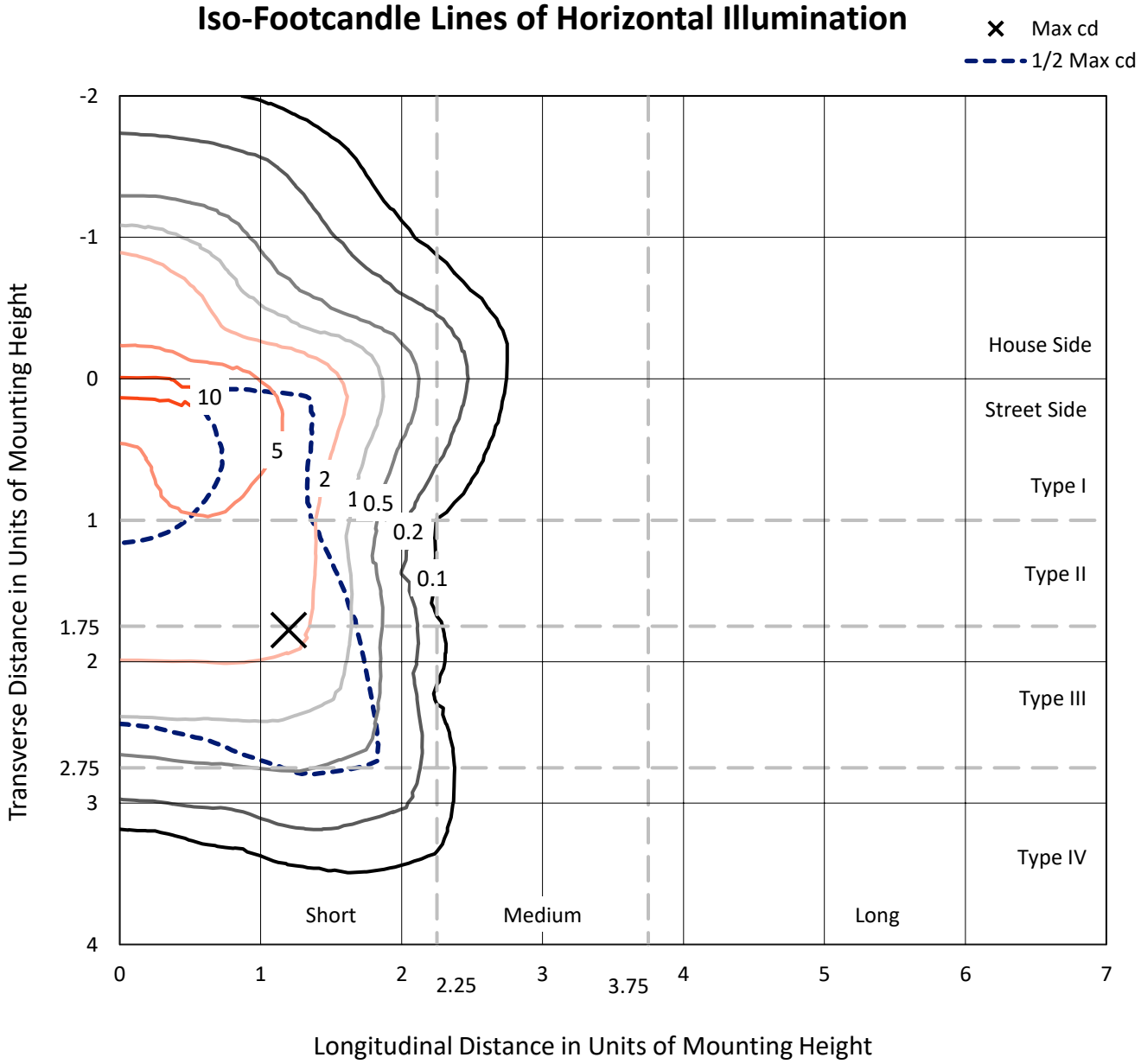
Input Watts (W):	204
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1500787
CATALOG NUMBER: GSS-SB4C-835-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



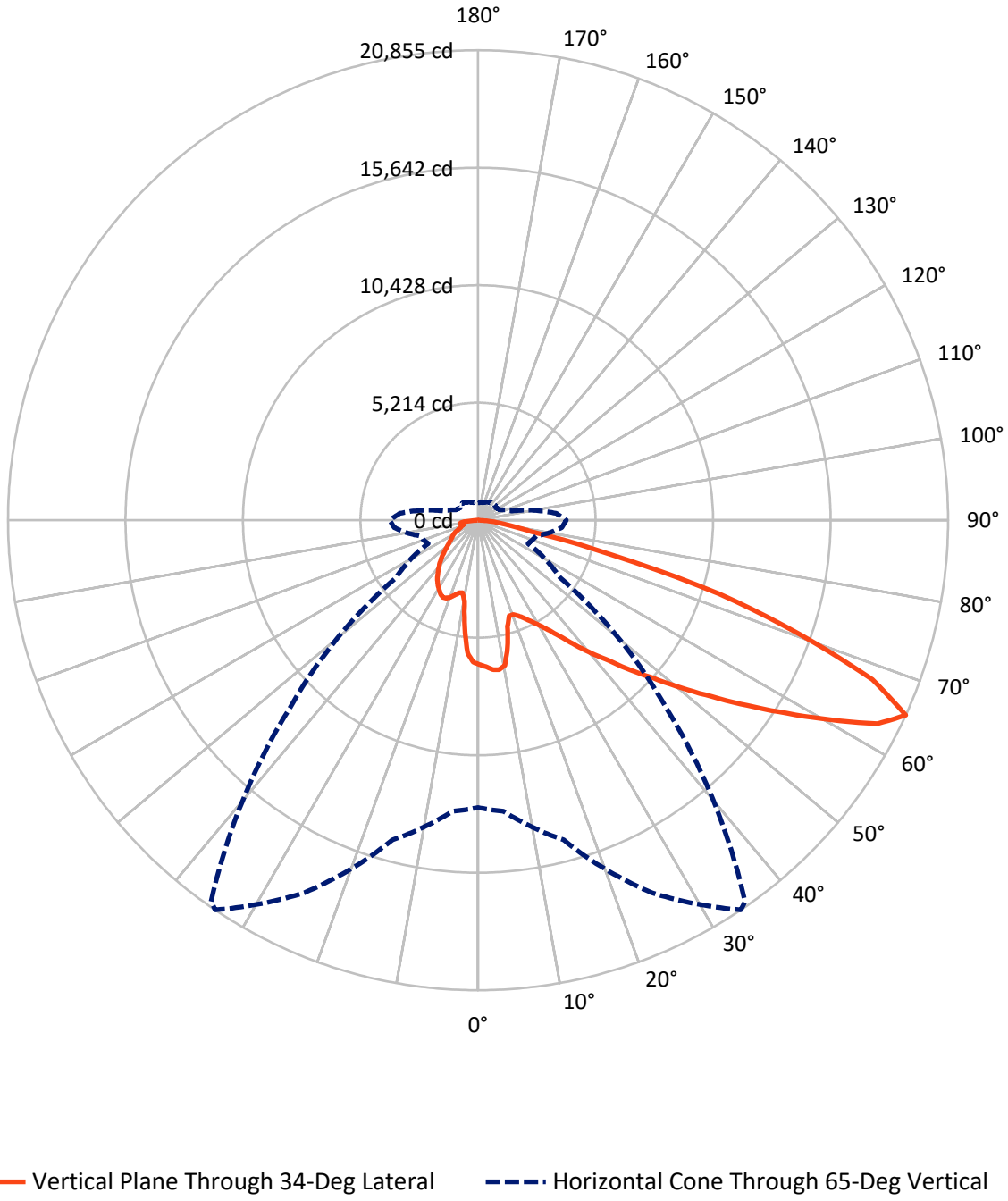
Based on 25 foot mounting height. Maximum calculated value = 10.9 fc
Type III - Short - N/A

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REPORT NUMBER: P1500787
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Luminous Intensity Polar Plot



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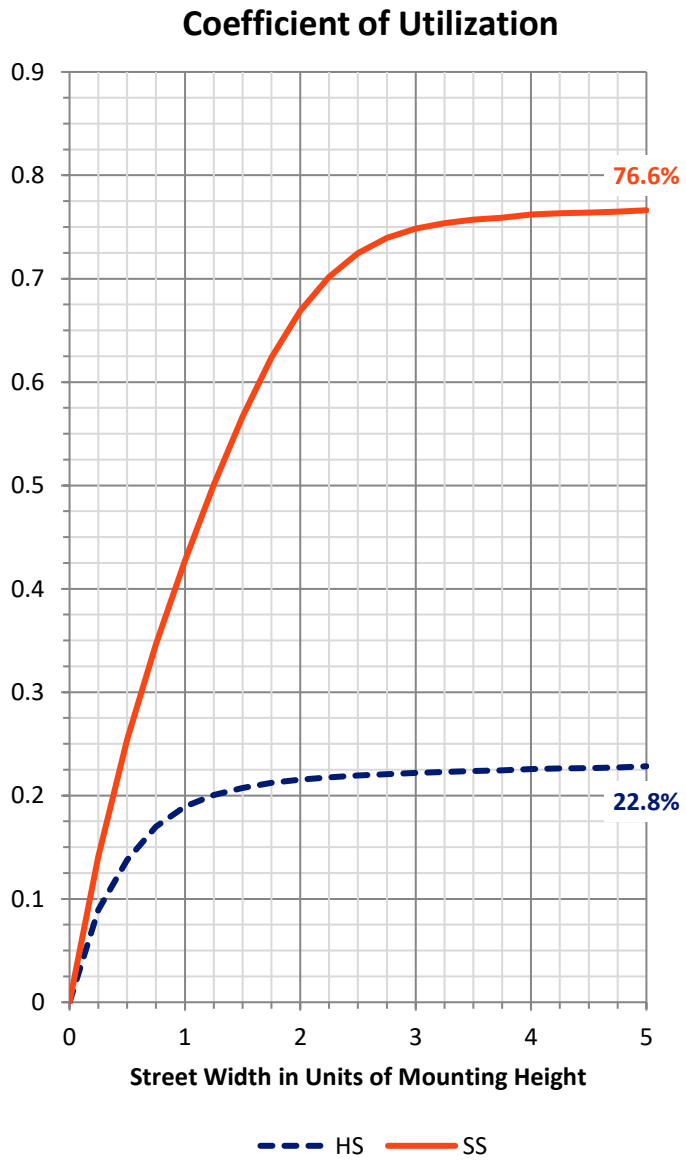
REPORT NUMBER: P1500787
CATALOG NUMBER: GSS-SB4C-835-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6262.0	0.0	6262.0
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	20653.3	0.0	20653.3
	% Fixture	76.7	0.0	76.7
Total	Lumens	26915.3	0.0	26915.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	576.9	2.1
10°-20°	1452.0	5.4
20°-30°	2406.8	8.9
30°-40°	3619.7	13.4
40°-50°	5071.1	18.8
50°-60°	6393.8	23.8
60°-70°	5499.2	20.4
70°-80°	1634.9	6.1
80°-90°	260.8	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°	26915.3	100.0
0°-180°	26915.3	100.0



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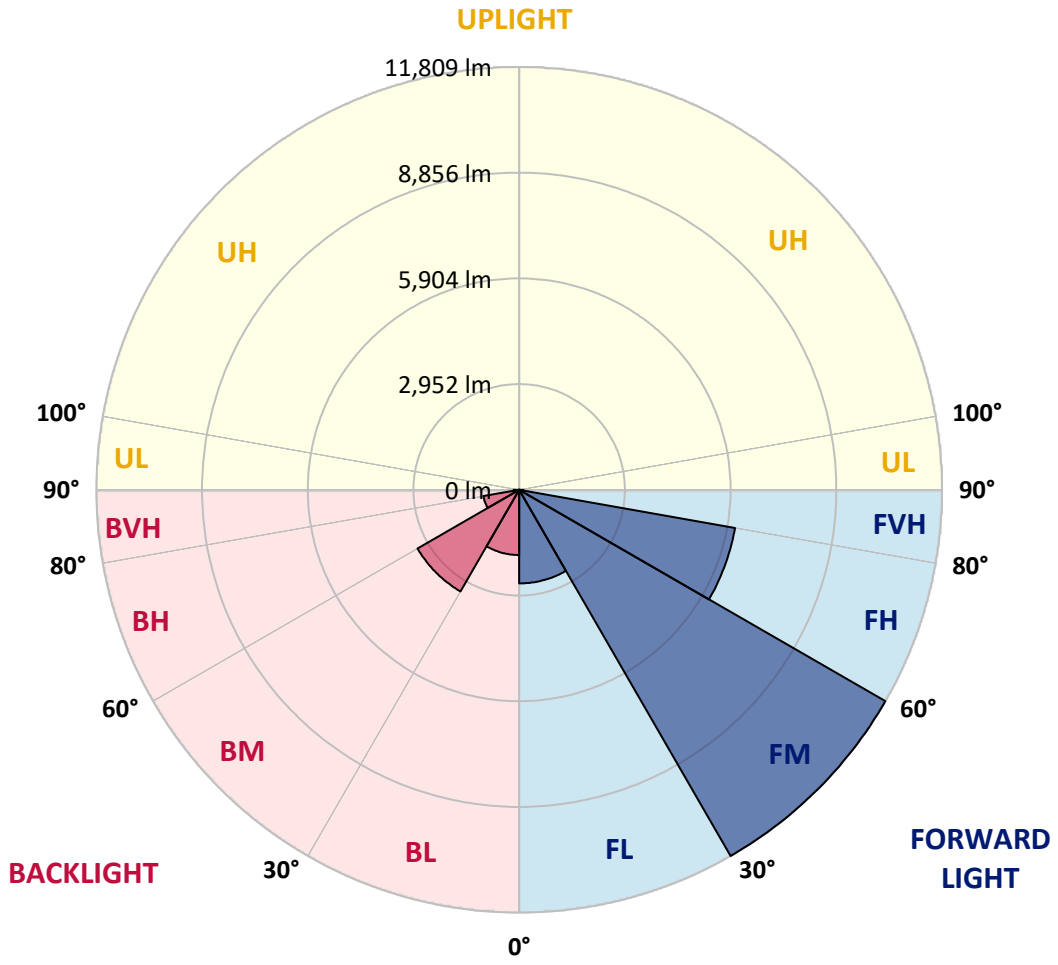
Scaled Data Report

REPORT NUMBER: P1500787
CATALOG NUMBER: GSS-SB4C-835-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2613.7	9.7			
FM	(30°-60°)	11808.5	43.9			
FH	(60°-80°)	6120.7	22.7			G3/7500
FVH	(80°-90°)	110.4	0.4			G2/225
BL	(0°-30°)	1822.0	6.8	B3/2500		
BM	(30°-60°)	3276.1	12.2	B3/5000		
BH	(60°-80°)	1013.5	3.8	B3/2500		G3/2500
BVH	(80°-90°)	150.5	0.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	6399.2	6399.2	6399.2	6399.2	6399.2	6399.2	6399.2	6399.2	6399.2	6399.2	6399.2
2.5°	6521.1	6557.7	6515.0	6496.7	6502.8	6508.9	6478.4	6484.5	6448.0	6448.0	6417.5
5°	6661.3	6667.4	6643.0	6661.3	6655.2	6649.1	6649.1	6643.0	6563.8	6545.5	6515.0
7.5°	6582.1	6606.4	6618.6	6685.7	6703.9	6740.5	6764.9	6777.1	6716.1	6667.4	6588.1
10°	5856.8	5875.1	6015.3	6320.0	6551.6	6594.2	6819.7	6947.7	6905.1	6880.7	6746.6
12.5°	4680.6	4711.0	4869.5	5265.6	5808.1	5923.8	6643.0	7075.7	7173.2	7179.3	6984.3
15°	4174.7	4174.7	4223.5	4449.0	4887.8	4979.2	6039.6	7112.3	7459.7	7502.3	7264.6
17.5°	4071.1	4065.0	4095.5	4229.6	4461.2	4516.0	5344.9	6923.3	7801.0	7874.1	7569.4
20°	4065.0	4046.7	4107.7	4260.1	4461.2	4509.9	5021.9	6594.2	8069.1	8300.7	7874.1
22.5°	4071.1	4071.1	4156.4	4375.8	4607.4	4650.1	5082.8	6320.0	8288.5	8745.6	8197.1
25°	4138.2	4126.0	4247.9	4516.0	4832.9	4863.4	5332.7	6307.8	8477.4	9245.3	8587.1
27.5°	4247.9	4254.0	4418.5	4741.5	5101.1	5162.0	5680.1	6569.9	8709.0	9793.9	8965.0
30°	4479.5	4485.5	4680.6	5009.7	5424.1	5503.3	6082.3	6959.9	9038.1	10385.0	9373.3
32.5°	4741.5	4772.0	5009.7	5393.6	5838.5	5881.2	6576.0	7545.0	9531.8	10976.2	9812.1
35°	5180.3	5210.8	5478.9	5881.2	6374.8	6435.8	7179.3	8221.5	10135.1	11573.4	10153.4
37.5°	5747.1	5771.5	6033.5	6521.1	7045.2	7106.2	7849.7	8940.6	10744.6	12048.8	10458.2
40°	6423.6	6478.4	6758.8	7234.2	7764.4	7801.0	8581.0	9635.4	11402.8	12377.9	10580.0
42.5°	7161.0	7215.9	7502.3	8026.4	8514.0	8623.7	9373.3	10372.8	11939.1	12524.2	10482.5
45°	8105.7	8093.5	8361.6	8910.1	9483.0	9525.7	10220.5	10982.3	12262.1	12402.3	10385.0
47.5°	9251.4	9263.6	9434.3	9879.2	10470.3	10567.9	11104.2	11506.4	12451.1	12304.8	10275.3
50°	10543.5	10573.9	10720.2	11043.2	11677.0	11744.1	11902.5	11872.1	12566.8	12097.6	10318.0
52.5°	11835.5	11853.8	12048.8	12390.1	13005.6	13054.4	12707.0	12152.4	12134.1	11262.6	10226.6
55°	12895.9	12889.9	13237.2	13761.4	14511.0	14480.5	13499.3	11939.1	10781.2	9964.5	9818.2
57.5°	13816.2	13852.8	14303.8	15211.9	16156.5	16132.1	14346.4	10811.6	8806.5	8428.7	9153.9
60°	14645.1	14730.4	15577.5	16936.6	17978.8	17832.5	14498.8	9111.3	6850.2	6600.3	7837.5
62.5°	14285.5	14443.9	15803.0	18454.1	19886.3	19563.3	13560.2	7057.4	4637.9	4412.4	5539.9
65°	12749.7	12963.0	14687.7	18234.7	20855.4	20654.2	11853.8	4436.8	2443.9	2681.6	3729.8
67.5°	10708.0	10964.0	12828.9	16382.0	18868.6	18435.8	9208.8	2334.2	1139.7	1767.4	2315.9
70°	5869.0	6502.8	9275.8	13932.0	15114.3	14511.0	5326.6	1103.1	828.9	1103.1	1383.5
72.5°	2206.2	2358.6	4022.4	9367.2	11195.6	10452.1	2023.4	713.1	694.8	816.7	999.5
75°	1060.4	1133.6	1749.1	4260.1	6112.8	5698.4	993.4	530.2	597.3	639.9	725.2
77.5°	633.8	682.6	1090.9	2474.4	2407.3	2212.3	609.4	408.3	481.5	457.1	426.6
80°	377.9	420.5	664.3	1407.8	1450.5	1285.9	371.8	286.4	335.2	292.5	262.1
82.5°	219.4	237.7	347.4	633.8	920.3	847.1	213.3	170.6	243.8	195.0	146.3
85°	109.7	115.8	158.5	274.3	457.1	347.4	91.4	79.2	115.8	85.3	48.8
87.5°	24.4	24.4	24.4	30.5	42.7	42.7	12.2	6.1	6.1	6.1	6.1
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: P1500787
CATALOG NUMBER: GSS-SB4C-835-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6399.2	6399.2	6399.2	6399.2	6399.2	6399.2	6399.2	6399.2	6399.2	6399.2	6399.2
2.5°	6411.4	6423.6	6380.9	6332.2	6320.0	6283.4	6295.6	6271.2	6234.7	6240.8	6246.9
5°	6472.4	6448.0	6362.7	6253.0	6155.4	6045.7	5917.8	5771.5	5667.9	5625.2	5661.8
7.5°	6527.2	6502.8	6356.6	6112.8	5783.7	5326.6	4851.2	4418.5	4119.9	4010.2	4034.6
10°	6679.6	6582.1	6313.9	5783.7	4997.5	4132.1	3650.6	3382.4	3291.0	3242.3	3248.4
12.5°	6880.7	6746.6	6234.7	5210.8	4022.4	3473.9	3303.2	3242.3	3211.8	3199.6	3211.8
15°	7124.5	6917.3	6045.7	4491.6	3571.4	3358.1	3321.5	3327.6	3327.6	3333.7	3333.7
17.5°	7337.8	7014.8	5704.4	3973.6	3480.0	3419.0	3455.6	3486.1	3486.1	3492.1	3486.1
20°	7532.8	7063.5	5265.6	3754.2	3498.2	3528.7	3614.0	3644.5	3650.6	3644.5	3644.5
22.5°	7740.0	7094.0	4826.8	3632.3	3540.9	3632.3	3723.7	3766.4	3778.6	3784.7	3790.8
25°	7941.1	7033.0	4467.3	3534.8	3522.6	3650.6	3754.2	3809.1	3821.2	3821.2	3827.3
27.5°	8142.2	7014.8	4223.5	3406.8	3437.3	3540.9	3662.8	3735.9	3784.7	3790.8	3796.9
30°	8373.8	6959.9	3991.9	3236.2	3248.4	3376.3	3504.3	3632.3	3729.8	3772.5	3772.5
32.5°	8532.3	6905.1	3784.7	3053.3	3053.3	3187.4	3345.9	3504.3	3644.5	3729.8	3748.1
35°	8684.7	6856.3	3601.8	2870.5	2876.6	3004.6	3169.1	3339.8	3516.5	3620.1	3668.9
37.5°	8763.9	6807.5	3473.9	2730.3	2706.0	2840.0	2949.7	3089.9	3278.8	3449.5	3492.1
40°	8782.2	6807.5	3461.7	2632.8	2529.2	2681.6	2730.3	2827.8	2998.5	3181.3	3248.4
42.5°	8660.3	6740.5	3522.6	2571.9	2346.4	2456.1	2510.9	2559.7	2669.4	2821.8	2876.6
45°	8514.0	6649.1	3577.5	2486.6	2120.9	2206.2	2291.5	2297.6	2346.4	2382.9	2419.5
47.5°	8392.1	6551.6	3480.0	2328.1	1889.3	1950.2	2041.7	2041.7	2017.3	1944.1	1919.8
50°	8489.6	6582.1	3315.4	2102.6	1676.0	1718.6	1816.2	1761.3	1706.5	1554.1	1535.8
52.5°	8575.0	6697.8	3120.4	1883.2	1493.2	1535.8	1633.3	1548.0	1438.3	1316.4	1298.1
55°	8434.8	6703.9	2760.8	1639.4	1365.2	1401.7	1493.2	1389.5	1285.9	1212.8	1200.6
57.5°	8014.3	6521.1	2382.9	1450.5	1255.5	1292.0	1377.4	1273.7	1176.2	1170.1	1200.6
60°	7087.9	5881.2	2035.6	1328.6	1151.9	1194.5	1279.8	1170.1	1042.2	987.3	1005.6
62.5°	5351.0	4522.1	1743.0	1188.4	1054.3	1109.2	1170.1	993.4	883.7	859.3	834.9
65°	*3912.7*	*3473.9*	*1566.3*	*1078.7*	*962.9*	*1030.0*	*981.2*	*883.7*	*810.6*	*786.2*	*774.0*
67.5°	2529.2	2358.6	1346.9	975.1	877.6	932.5	865.4	816.7	737.4	725.2	743.5
70°	1548.0	1602.9	1127.5	859.3	792.3	780.1	792.3	743.5	658.2	676.5	700.9
72.5°	1097.0	1182.3	969.0	749.6	676.5	652.1	707.0	676.5	615.5	633.8	658.2
75°	786.2	877.6	798.4	615.5	572.9	560.7	658.2	676.5	633.8	646.0	664.3
77.5°	463.2	560.7	566.8	475.4	432.7	499.7	700.9	780.1	749.6	713.1	694.8
80°	298.6	335.2	402.2	304.7	304.7	432.7	767.9	950.7	816.7	725.2	713.1
82.5°	152.4	176.7	262.1	195.0	182.8	323.0	755.7	908.1	902.0	804.5	786.2
85°	42.7	54.9	121.9	85.3	73.1	170.6	566.8	682.6	609.4	444.9	451.0
87.5°	6.1	6.1	0.0	0.0	6.1	24.4	67.0	12.2	12.2	12.2	12.2
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

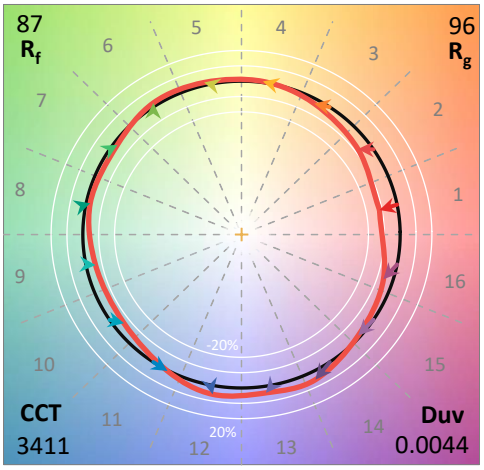
Test Information

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

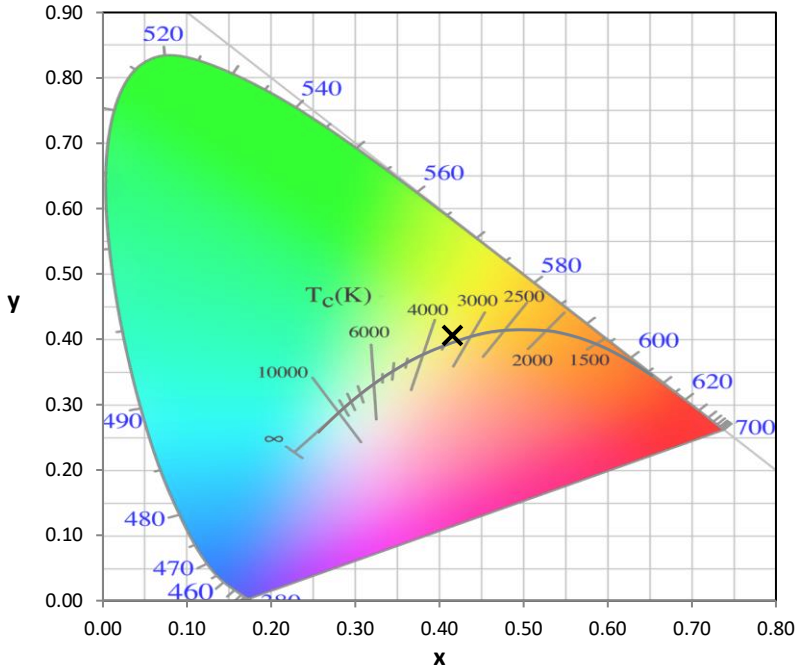
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

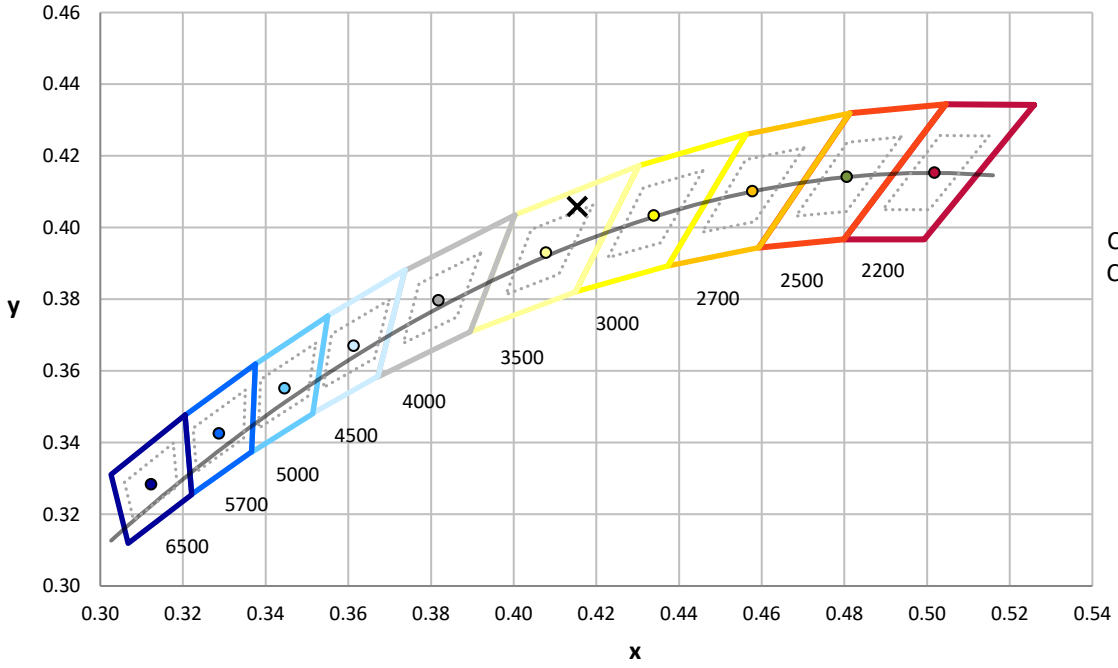
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

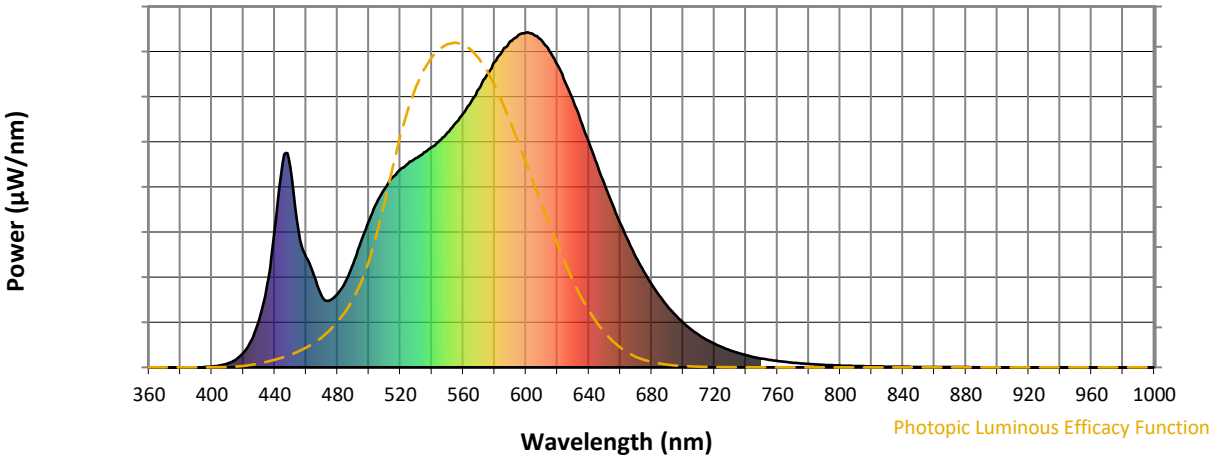


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

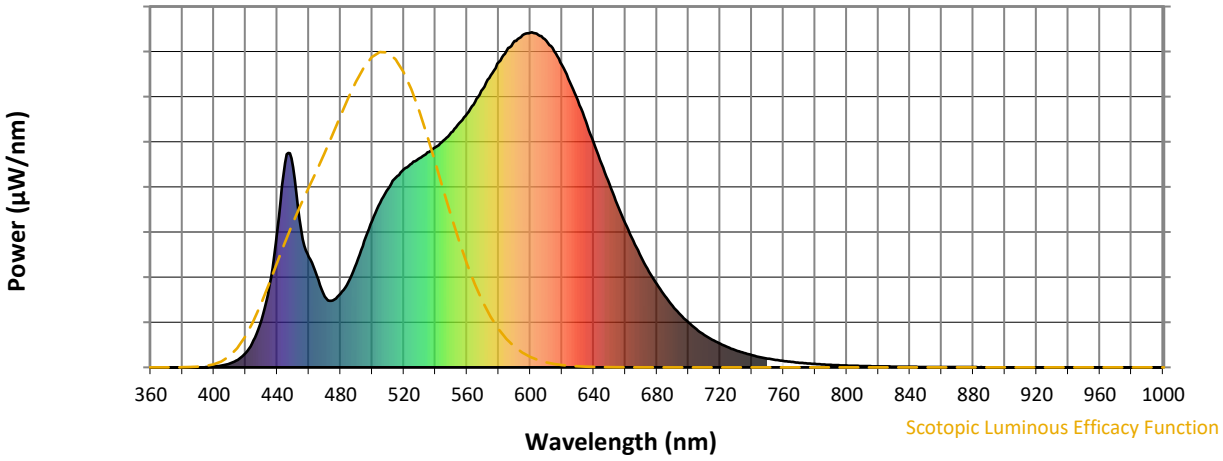


Photopic Lumens: NR

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

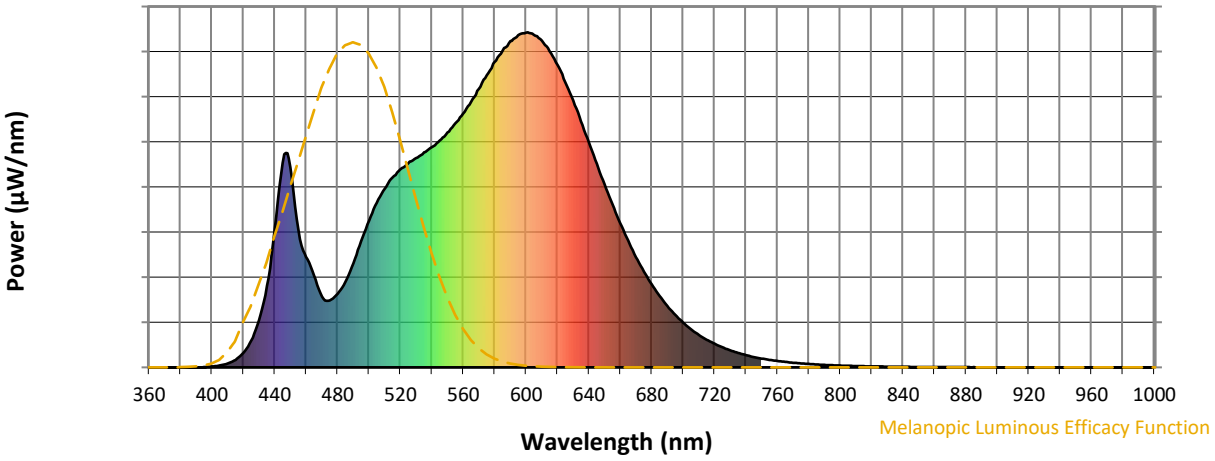


Scotopic Lumens: NR **S/P: 1.48**

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			

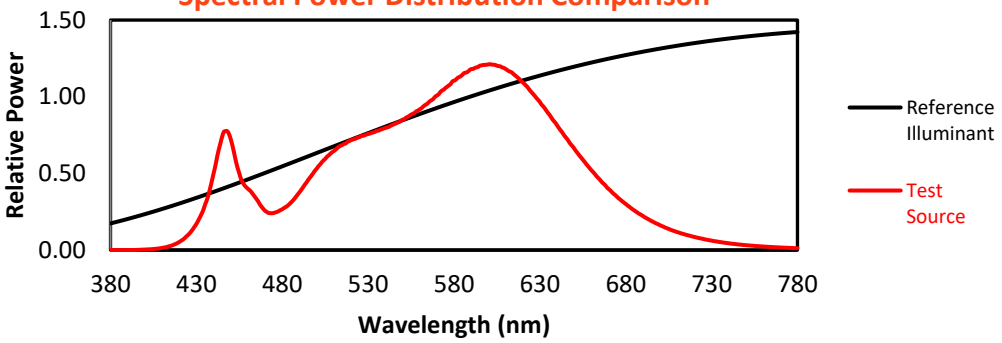
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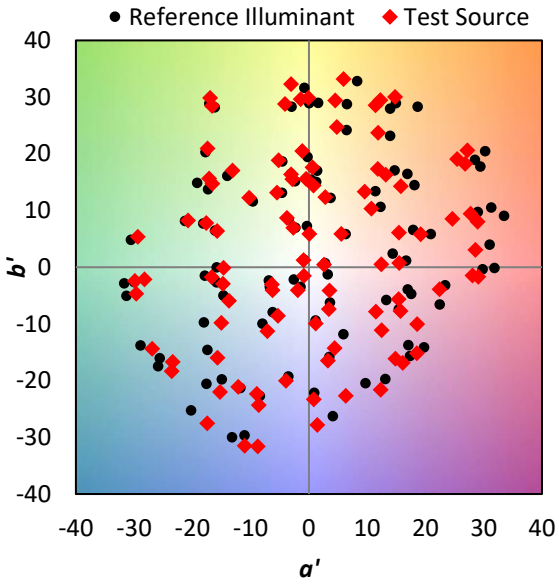
Summary

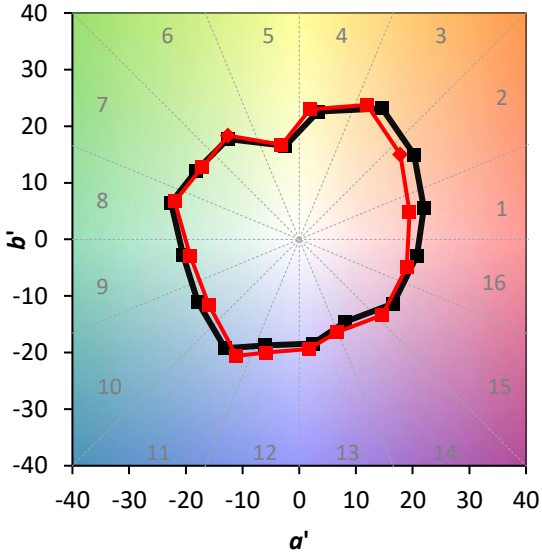
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

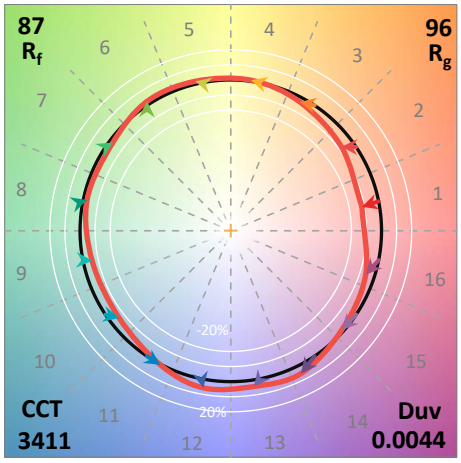
Spectral Power Distribution Comparison

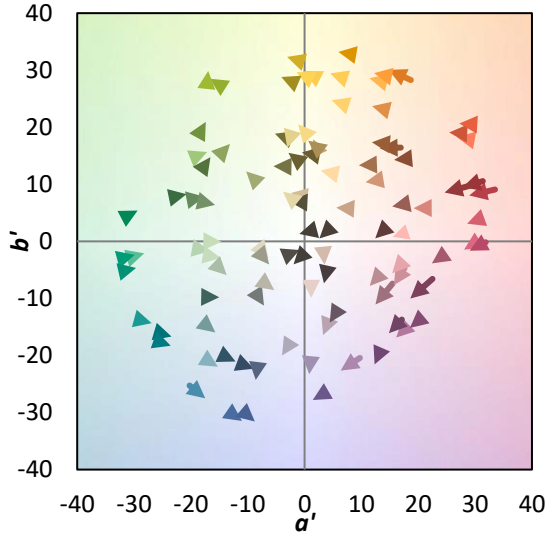


Color Vector Graphics







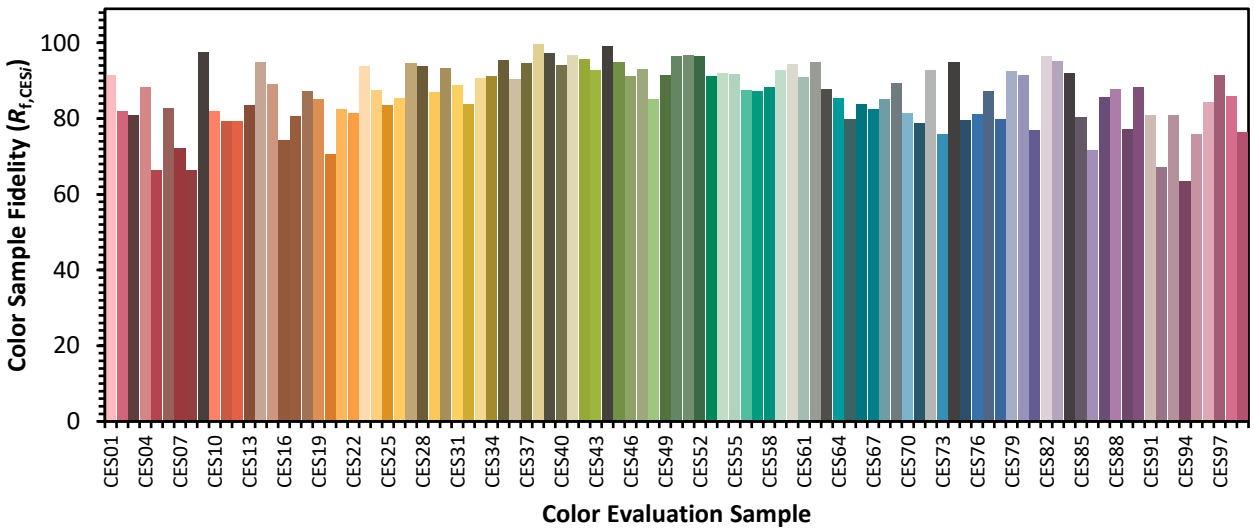


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Individual Sample Fidelity Index ($R_{f,i}$)

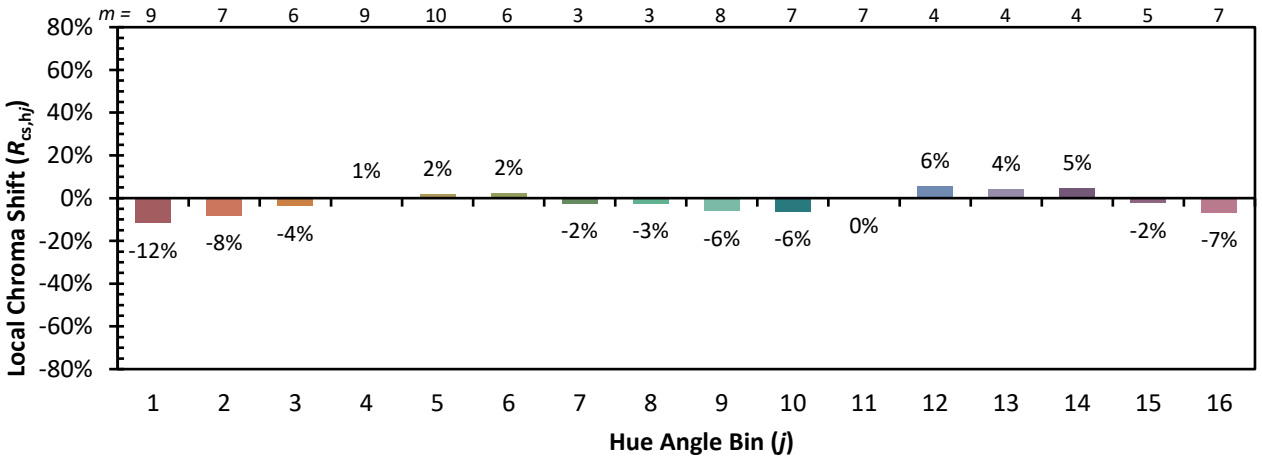
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 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	

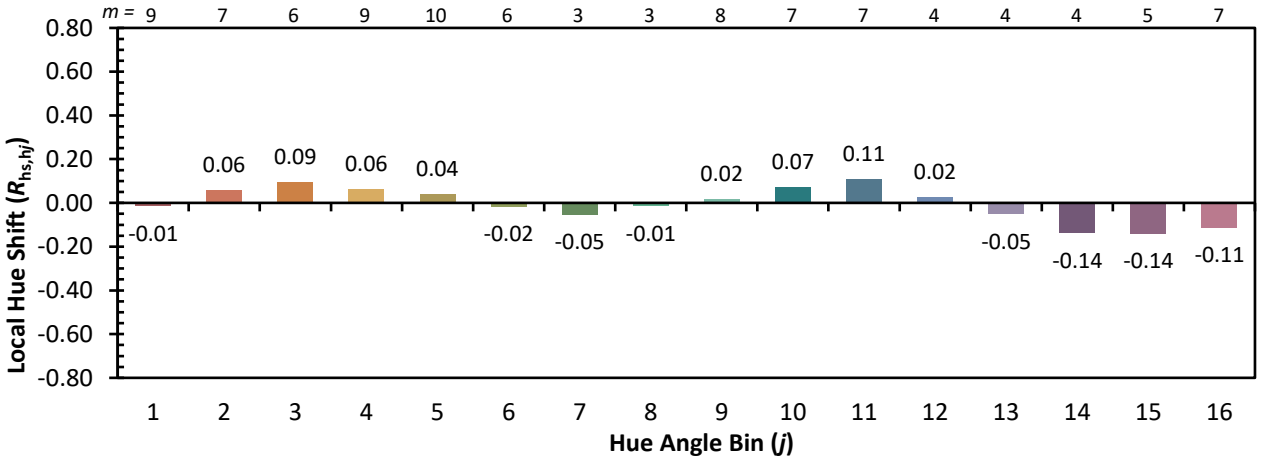


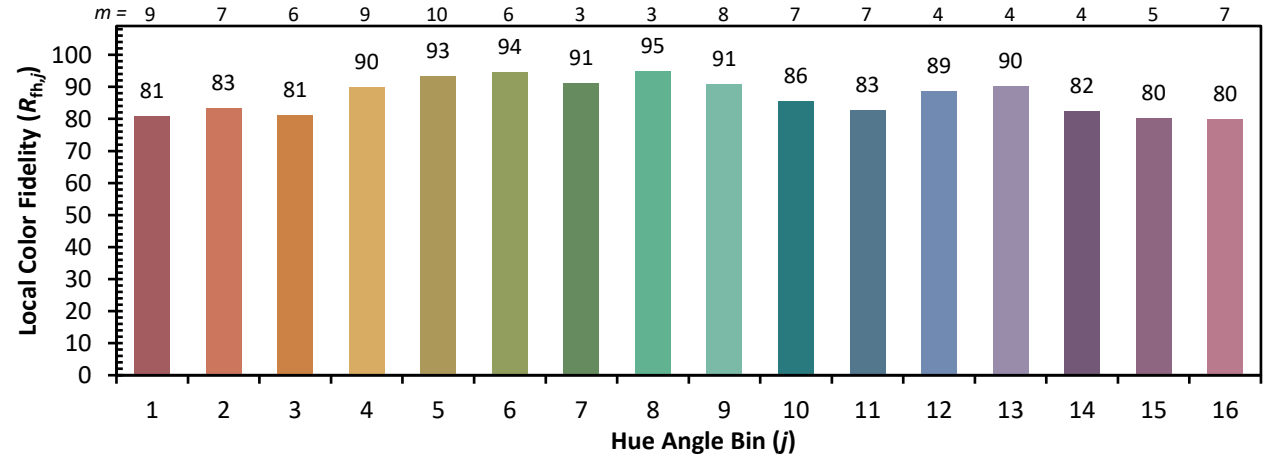
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Color Rendition by Hue-Angle Bin



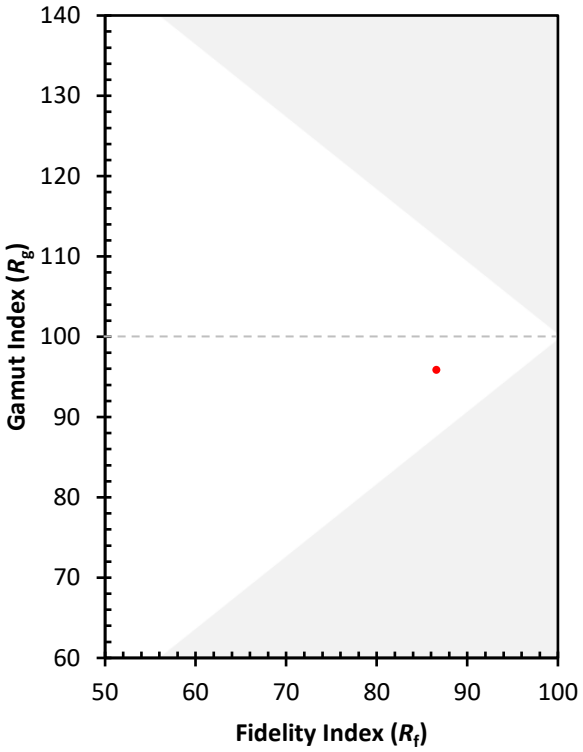


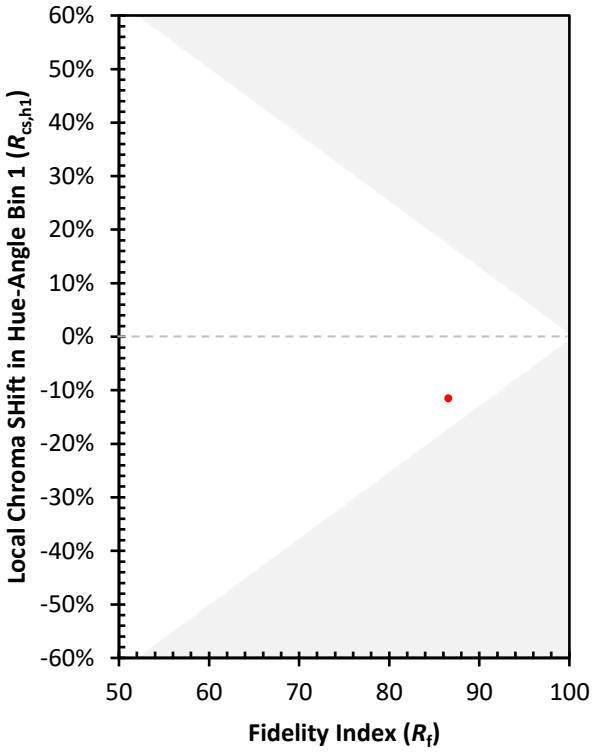


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Measure Comparisons





(END OF REPORT)