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: P1502319

Luminaire Tested: GSS-SB3C-835-U-T3LG-HSS

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:	P1502319
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3C-835-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 150W 80CRI 3500K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(78) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16163.1 lumens
Efficiency:	N/A
Efficacy:	107.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

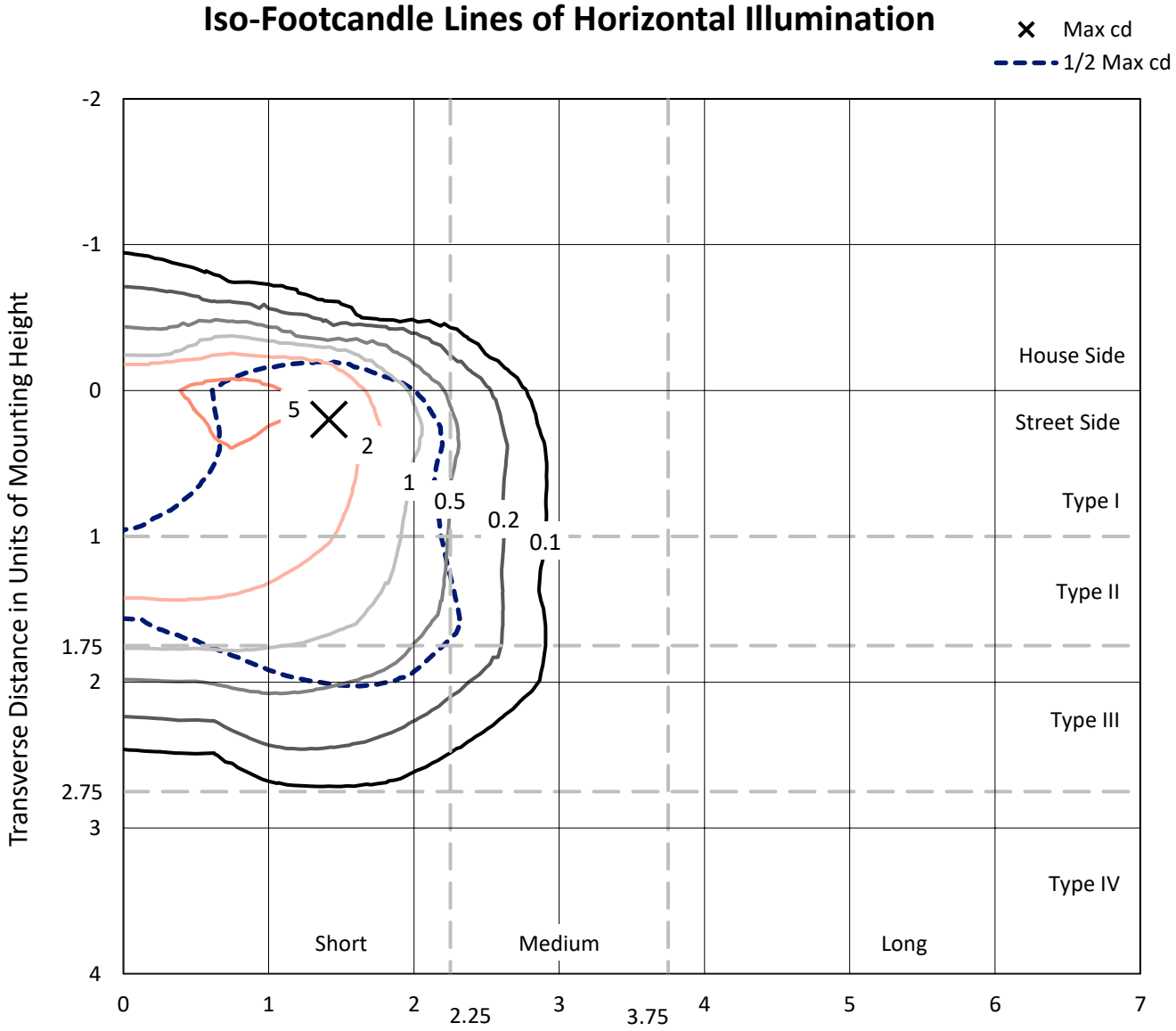
Input Watts (W):	150
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502319
CATALOG NUMBER: GSS-SB3C-835-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



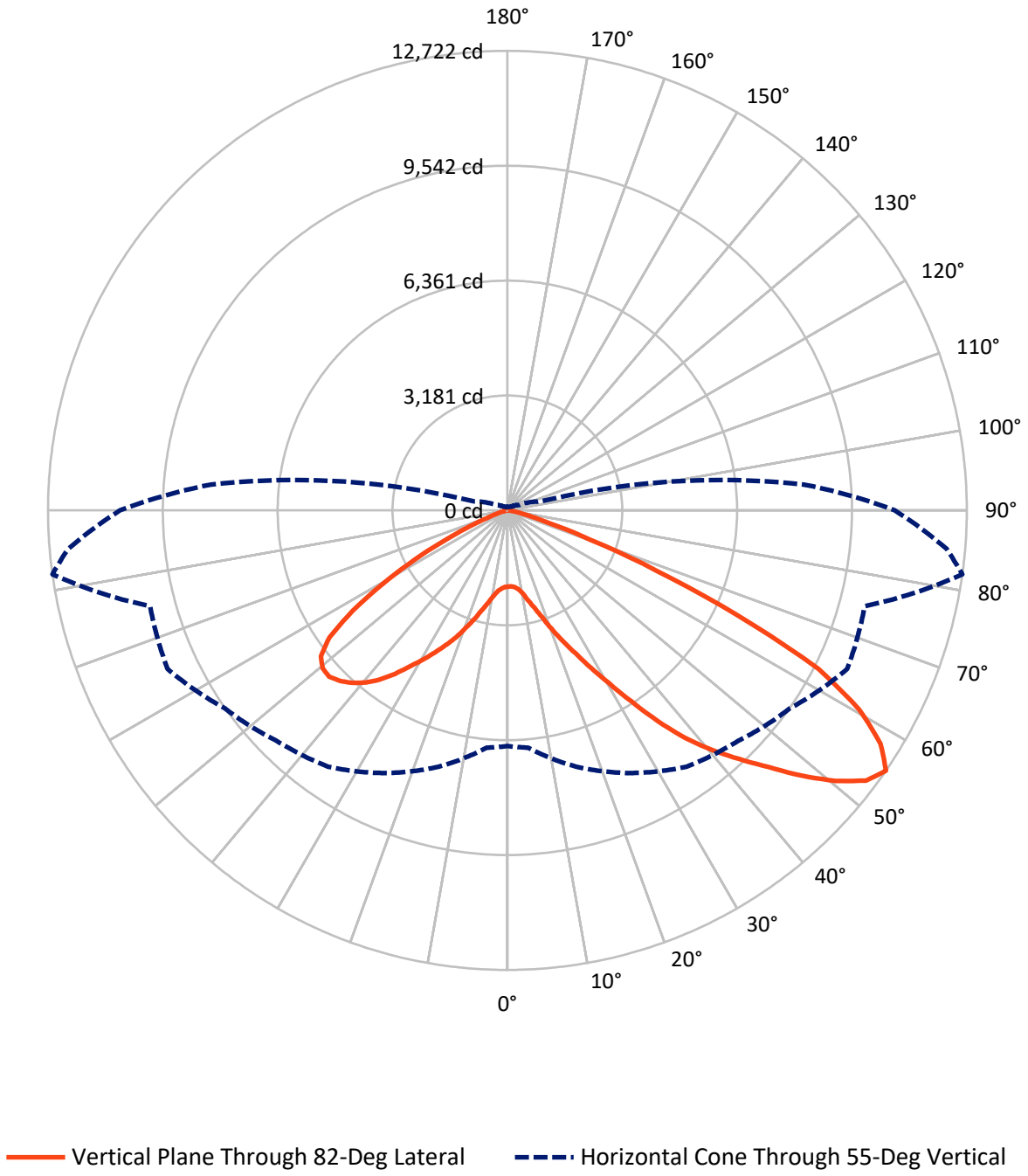
Based on 25 foot mounting height. Maximum calculated value = 6.3 fc
Type III - Short - N/A

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REPORT NUMBER: P1502319
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Luminous Intensity Polar Plot



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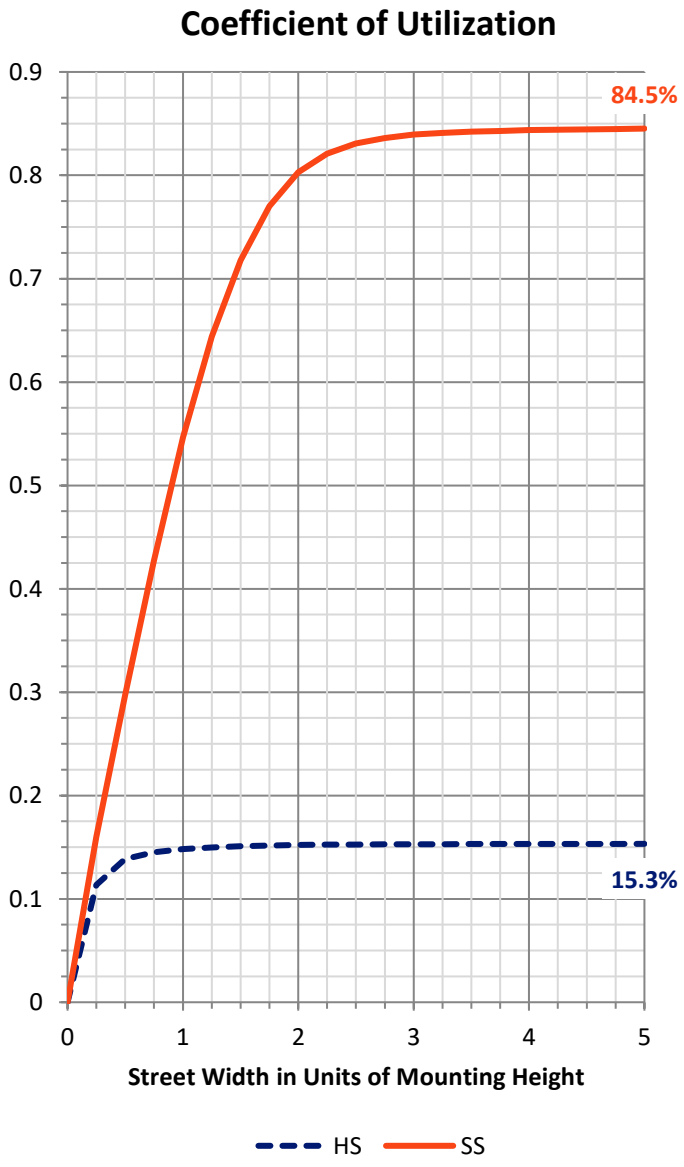
REPORT NUMBER: P1502319
CATALOG NUMBER: GSS-SB3C-835-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2498.3	0.0	2498.3
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	13664.8	0.0	13664.8
	% Fixture	84.5	0.0	84.5
Total	Lumens	16163.1	0.0	16163.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	191.3	1.2
10°-20°	517.8	3.2
20°-30°	1035.1	6.4
30°-40°	2143.5	13.3
40°-50°	3580.8	22.2
50°-60°	4541.6	28.1
60°-70°	3395.1	21.0
70°-80°	719.2	4.4
80°-90°	38.7	0.2
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°	16163.1	100.0
0°-180°	16163.1	100.0



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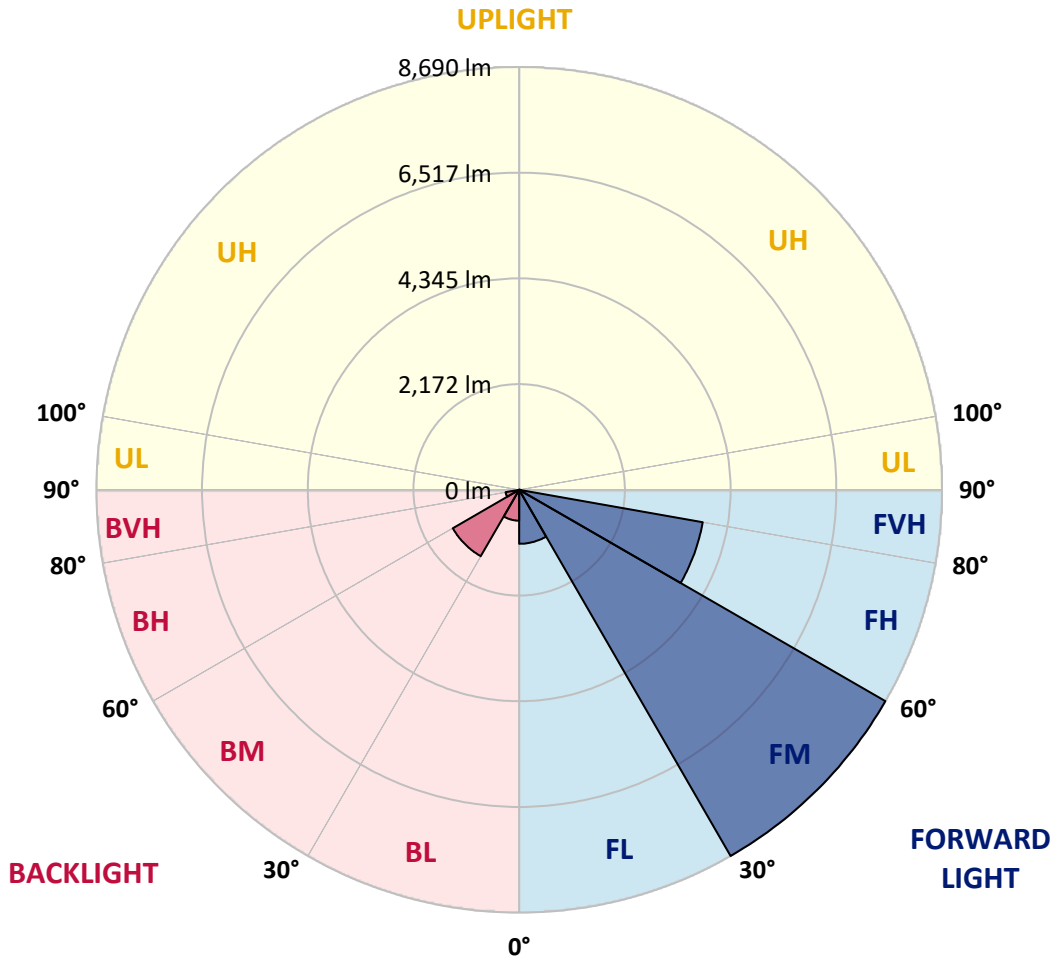
Scaled Data Report

REPORT NUMBER: P1502319
CATALOG NUMBER: GSS-SB3C-835-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1110.0	6.9			
FM	(30°-60°)	8689.6	53.8			
FH	(60°-80°)	3830.6	23.7			G2/5000
FVH	(80°-90°)	34.6	0.2			G1/100
BL	(0°-30°)	634.2	3.9	B2/1000		
BM	(30°-60°)	1576.3	9.8	B2/2500		
BH	(60°-80°)	283.7	1.8	B1/500		G1/500
BVH	(80°-90°)	4.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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REPORT NUMBER: P1502319
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	2110.1	2110.1	2110.1	2110.1	2110.1	2110.1	2110.1	2110.1	2110.1	*2110.1*	2110.1
2.5°	2053.1	2057.4	2048.7	2053.1	2061.8	2057.4	2075.0	2088.2	2101.3	*2105.7*	2110.1
5°	1873.2	1877.6	1882.0	1917.1	1939.0	1991.6	2039.9	2070.6	2114.5	*2136.4*	2140.8
7.5°	1658.2	1658.2	1675.8	1719.7	1776.7	1877.6	1987.3	2075.0	2158.3	*2202.2*	2211.0
10°	1618.8	1623.1	1623.1	1653.9	1702.1	1803.0	1943.4	2118.9	2268.0	*2333.8*	2355.8
12.5°	1627.5	1631.9	1636.3	1667.0	1715.3	1803.0	1982.9	2211.0	2443.5	*2553.2*	2566.3
15°	1649.5	1658.2	1671.4	1710.9	1763.5	1877.6	2066.2	2342.6	2654.1	*2794.4*	2829.5
17.5°	1715.3	1719.7	1741.6	1785.5	1868.8	1982.9	2189.1	2513.7	2948.0	*3101.5*	3167.3
20°	1816.2	1824.9	1855.7	1917.1	2013.6	2158.3	2386.5	2737.4	3263.8	*3500.7*	3553.4
22.5°	1943.4	1943.4	1987.3	2083.8	2219.8	2382.1	2658.4	3035.7	3649.9	*3926.3*	4014.0
25°	2154.0	2149.6	2184.7	2294.3	2456.7	2693.5	2974.3	3391.1	4053.5	*4382.5*	4474.6
27.5°	2636.5	2623.4	2610.2	2614.6	2755.0	3057.7	3382.3	3838.5	4553.6	*4939.6*	5009.8
30°	3198.0	3215.6	3198.0	3154.2	3176.1	3456.9	3860.5	4386.9	5115.1	*5549.4*	5641.5
32.5°	3689.4	3698.1	3772.7	3821.0	3838.5	3970.1	4413.2	5049.3	5830.2	*6303.9*	6422.4
35°	4224.6	4237.7	4321.1	4422.0	4579.9	4698.3	5106.3	5817.0	6558.4	*7155.0*	7242.7
37.5°	4847.5	4869.4	4979.1	5123.9	5343.2	5615.2	5834.5	6514.5	7299.8	*7988.5*	8080.6
40°	5395.9	5466.1	5654.7	5838.9	6071.4	6378.5	6523.3	7124.3	7848.1	*8725.5*	8879.0
42.5°	5913.5	5953.0	6255.7	6540.8	6817.2	7067.3	7207.6	7602.5	8335.1	*9409.9*	9580.9
45°	6343.4	6374.1	6711.9	7089.2	7431.4	7681.4	7703.4	8067.5	8817.6	*10133.7*	10265.3
47.5°	6606.6	6654.9	7089.2	7519.1	7896.4	8128.9	8093.8	8659.7	9344.1	*10976.0*	10993.5
50°	6764.6	6795.3	7238.4	7795.5	8260.5	8422.8	8497.4	9225.6	9822.2	*11774.4*	11669.1
52.5°	6878.6	6926.9	7361.2	7953.4	8475.5	8694.8	8962.4	9861.7	10199.5	*12428.0*	12147.3
55°	*6523.3*	*6593.5*	*7343.6*	*8023.6*	*8659.7*	*9028.2*	*9554.6*	*10383.7*	*10243.4*	*12722.0*	*12208.7*
57.5°	6124.1	6137.2	6878.6	8001.7	8865.9	9379.1	10098.6	10423.2	9835.4	*12186.8*	11585.7
60°	5536.2	5615.2	6374.1	7716.5	8901.0	9659.9	10467.1	9945.1	9089.6	*11195.3*	10291.6
62.5°	3886.8	4009.6	5001.0	6966.4	8650.9	9813.4	10405.7	9111.5	8155.2	*9664.3*	8650.9
65°	2175.9	2281.2	3092.8	5619.6	7962.2	9778.4	9774.0	7997.3	6654.9	*6983.9*	6185.5
67.5°	1193.2	1276.6	1605.6	4229.0	6317.1	9028.2	8444.7	6102.1	4461.5	*4435.1*	3860.5
70°	833.5	837.9	1013.4	2855.9	4540.4	6299.6	6602.3	4093.0	2768.1	*2447.9*	2066.2
72.5°	408.0	412.4	504.5	1346.8	2776.9	3492.0	4527.3	2127.6	1553.0	*1215.2*	1035.3
75°	206.2	201.8	276.4	504.5	1149.4	1702.1	1996.0	1066.0	903.7	*666.8*	592.2
77.5°	131.6	136.0	162.3	276.4	517.7	662.4	614.2	579.1	530.8	*390.4*	337.8
80°	87.7	87.7	109.7	175.5	254.4	315.9	188.6	267.6	311.5	*228.1*	197.4
82.5°	26.3	26.3	65.8	96.5	122.8	127.2	83.4	122.8	175.5	*127.2*	96.5
85°	17.5	17.5	35.1	48.3	52.6	43.9	26.3	52.6	83.4	*57.0*	48.3
87.5°	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	*4.4*	0.0
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: P1502319
CATALOG NUMBER: GSS-SB3C-835-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2110.1	2110.1	2110.1	2110.1	2110.1	2110.1	2110.1	2110.1	2110.1	2110.1	2110.1
2.5°	2114.5	2118.9	2132.0	2136.4	2145.2	2149.6	2149.6	2149.6	2145.2	2149.6	2158.3
5°	2149.6	2171.5	2189.1	2184.7	2184.7	2162.7	2145.2	2110.1	2092.5	2088.2	2092.5
7.5°	2237.3	2254.9	2272.4	2246.1	2180.3	2079.4	1969.7	1882.0	1807.4	1772.3	1785.5
10°	2395.2	2417.2	2417.2	2294.3	2110.1	1873.2	1675.8	1513.5	1390.6	1324.8	1355.5
12.5°	2623.4	2640.9	2597.0	2338.2	1987.3	1596.8	1267.8	995.8	837.9	758.9	741.4
15°	2886.6	2912.9	2763.7	2329.4	1794.2	1193.2	789.6	592.2	535.2	517.7	522.0
17.5°	3224.4	3237.5	2948.0	2259.2	1460.8	780.9	561.5	504.5	491.3	482.6	482.6
20°	3641.1	3601.6	3097.1	2140.8	1066.0	614.2	517.7	473.8	460.6	456.2	460.6
22.5°	4088.6	4027.2	3220.0	1917.1	807.2	579.1	495.7	447.5	429.9	425.5	425.5
25°	4558.0	4417.6	3316.5	1588.1	754.5	570.3	469.4	408.0	390.4	381.7	381.7
27.5°	5093.2	4851.9	3369.1	1329.2	767.7	557.1	438.7	372.9	346.6	337.8	337.8
30°	5685.4	5334.4	3373.5	1276.6	794.0	539.6	408.0	333.4	307.1	293.9	298.3
32.5°	6404.8	5825.8	3360.3	1359.9	811.6	526.4	372.9	293.9	272.0	258.8	258.8
35°	7150.6	6422.4	3307.7	1517.9	820.3	486.9	329.0	258.8	232.5	228.1	232.5
37.5°	7892.0	6988.3	3233.1	1605.6	776.5	399.2	267.6	223.7	206.2	206.2	206.2
40°	8567.6	7479.6	3132.2	1531.0	618.6	289.5	219.3	193.0	184.2	179.9	184.2
42.5°	9072.1	7918.3	2948.0	1289.7	438.7	232.5	193.0	171.1	162.3	162.3	166.7
45°	9624.8	8339.5	2592.6	947.6	333.4	201.8	166.7	149.2	144.8	144.8	149.2
47.5°	10181.9	8677.2	2250.5	631.7	289.5	179.9	149.2	136.0	131.6	127.2	131.6
50°	10607.5	8839.6	1803.0	460.6	263.2	162.3	136.0	127.2	118.4	114.1	114.1
52.5°	10910.2	8795.7	1320.5	394.8	241.3	149.2	127.2	118.4	105.3	105.3	105.3
55°	*10725.9*	*8234.2*	*952.0*	*355.3*	*223.7*	*140.4*	*122.8*	*109.7*	*100.9*	*96.5*	*96.5*
57.5°	9831.0	7019.0	688.7	320.2	197.4	131.6	118.4	105.3	92.1	87.7	87.7
60°	8545.6	5466.1	513.3	280.8	171.1	127.2	105.3	100.9	87.7	79.0	79.0
62.5°	6983.9	3978.9	399.2	241.3	153.5	109.7	100.9	92.1	79.0	70.2	65.8
65°	4847.5	2540.0	307.1	197.4	144.8	96.5	92.1	79.0	65.8	52.6	52.6
67.5°	2991.9	1509.1	236.9	153.5	114.1	83.4	79.0	70.2	57.0	43.9	43.9
70°	1653.9	798.4	162.3	114.1	87.7	65.8	61.4	61.4	48.3	39.5	35.1
72.5°	794.0	434.3	109.7	96.5	65.8	43.9	48.3	48.3	39.5	30.7	30.7
75°	478.2	258.8	74.6	74.6	43.9	35.1	35.1	39.5	30.7	21.9	21.9
77.5°	272.0	153.5	43.9	57.0	30.7	21.9	26.3	21.9	17.5	13.2	13.2
80°	153.5	87.7	26.3	39.5	17.5	13.2	13.2	8.8	8.8	4.4	4.4
82.5°	74.6	48.3	13.2	13.2	8.8	4.4	4.4	4.4	4.4	0.0	0.0
85°	35.1	8.8	4.4	4.4	4.4	4.4	4.4	4.4	4.4	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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

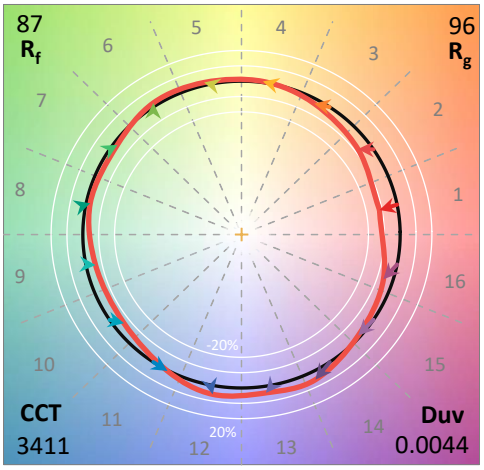
Test Information

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

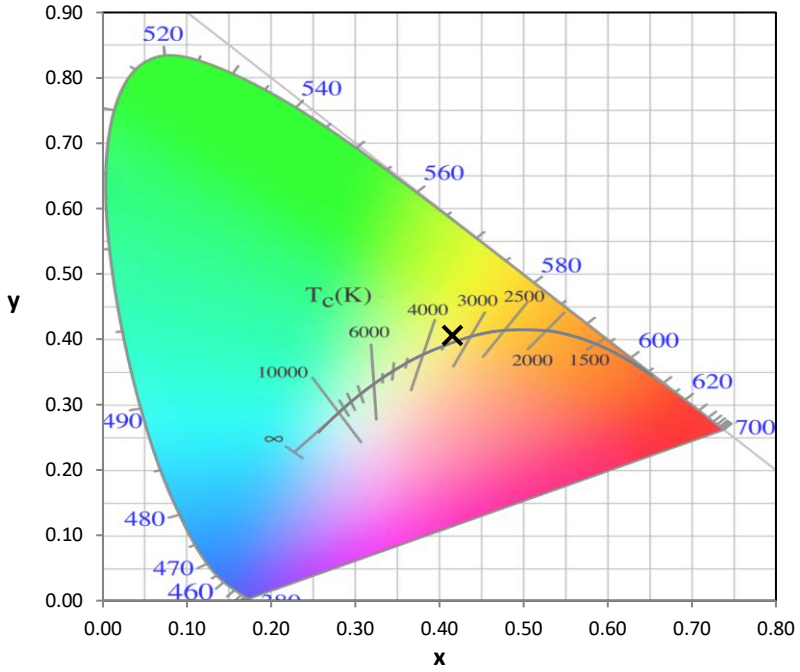
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

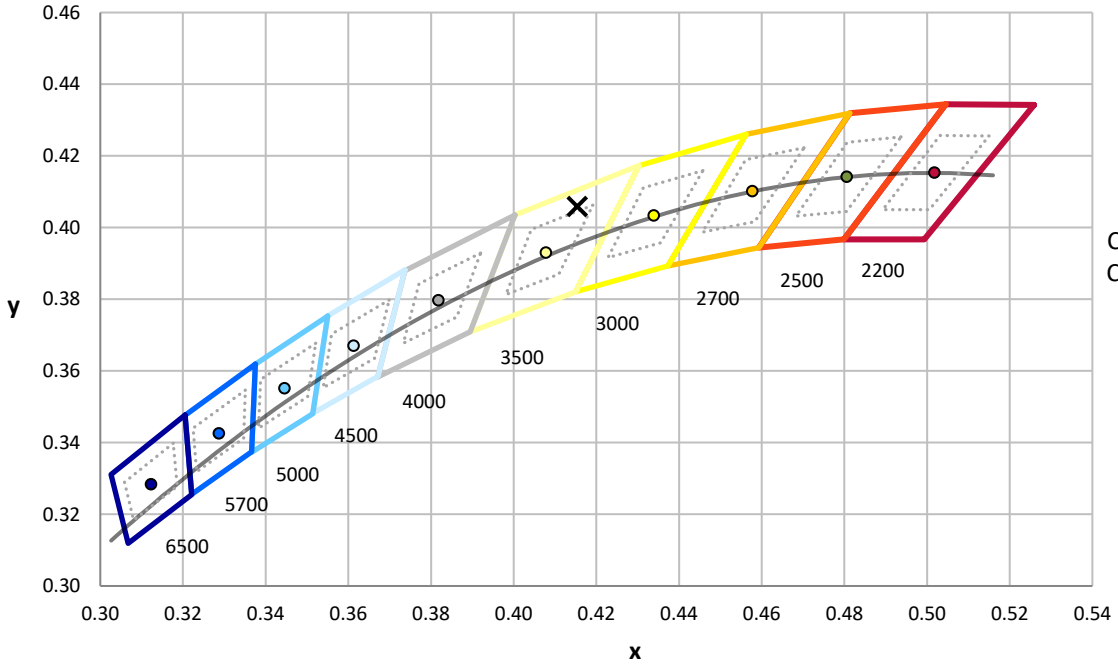
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

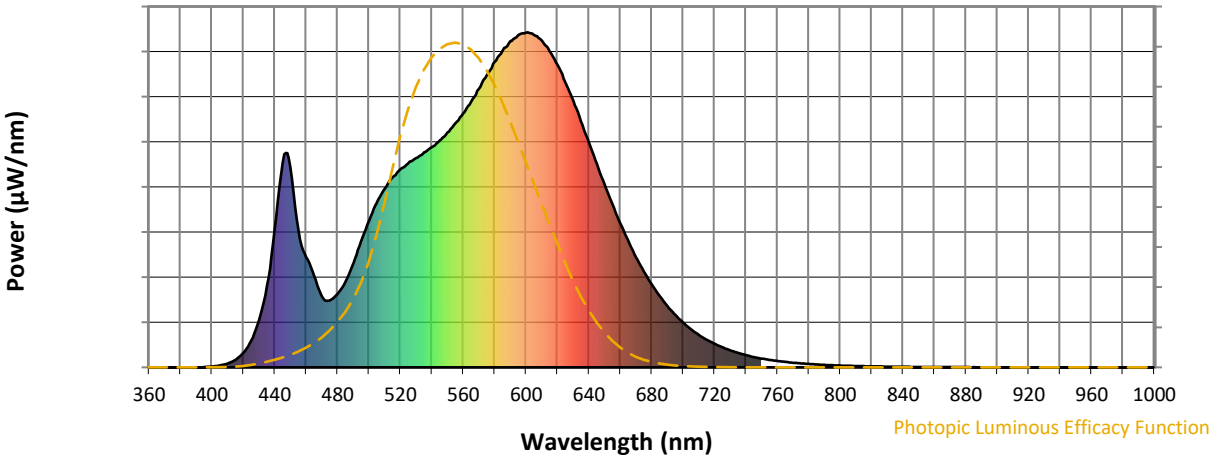


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

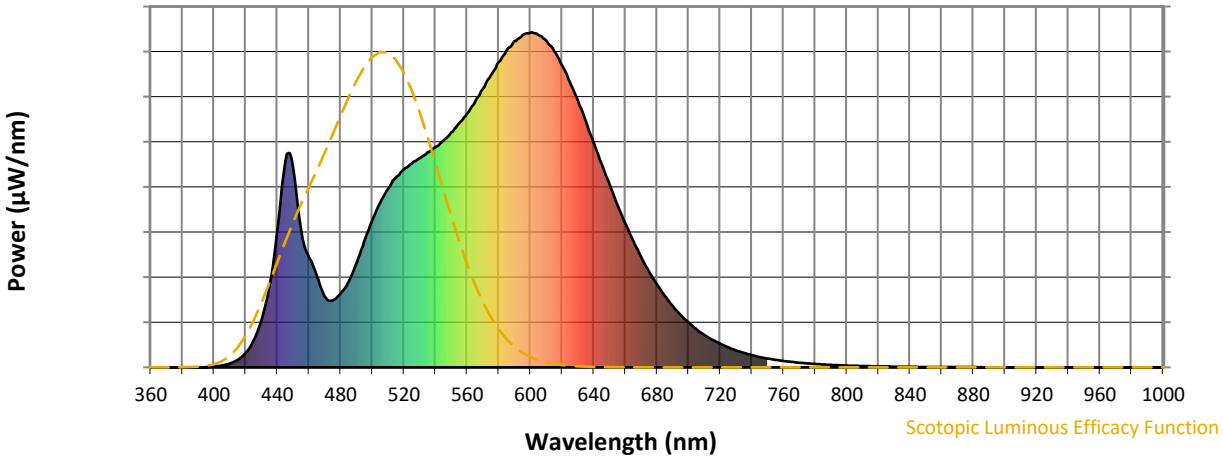


Photopic Lumens: NR

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

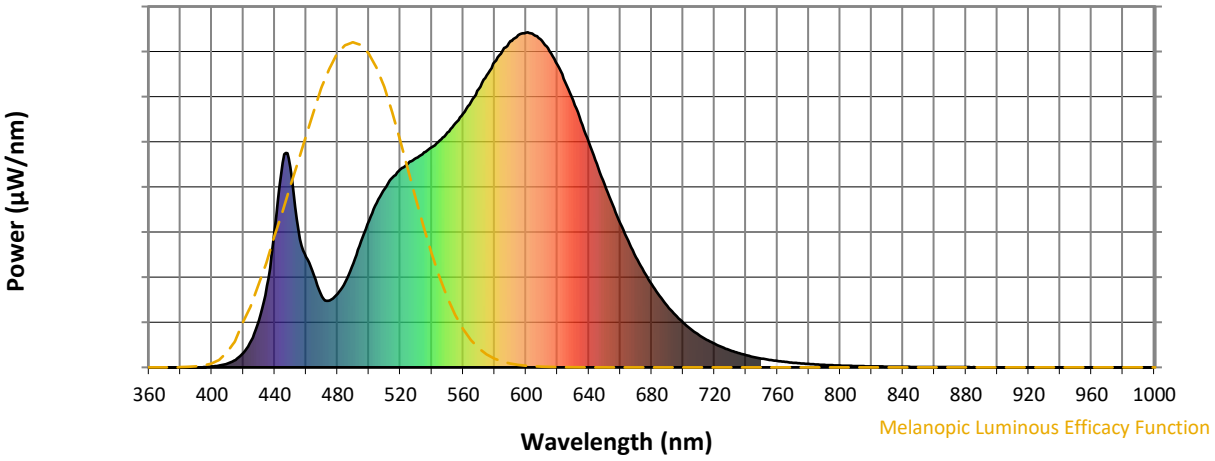


Scotopic Lumens: NR **S/P: 1.48**

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			

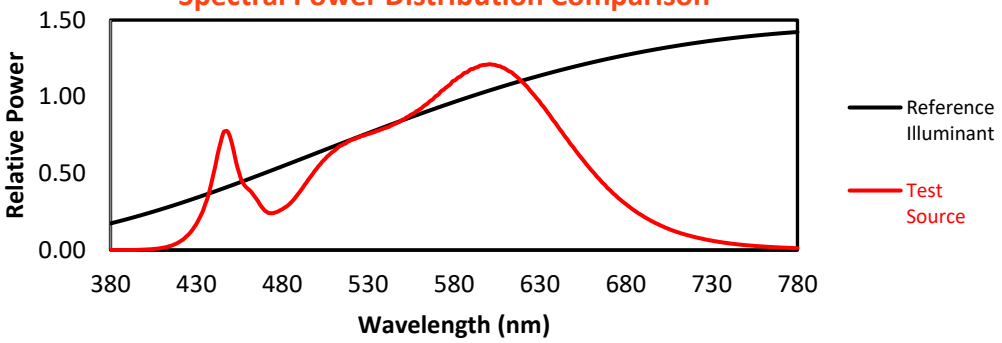
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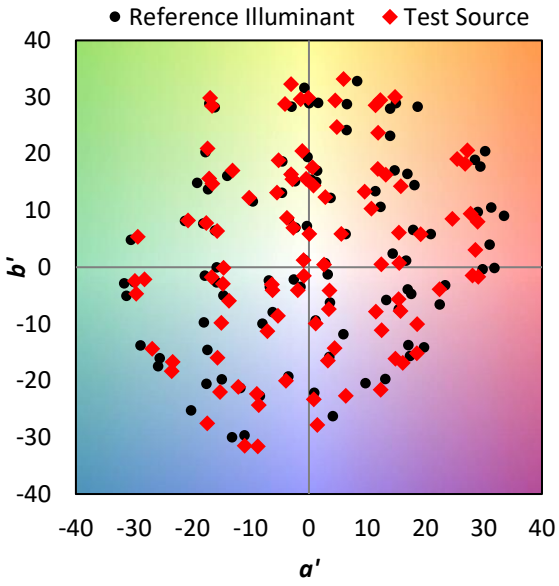
Summary

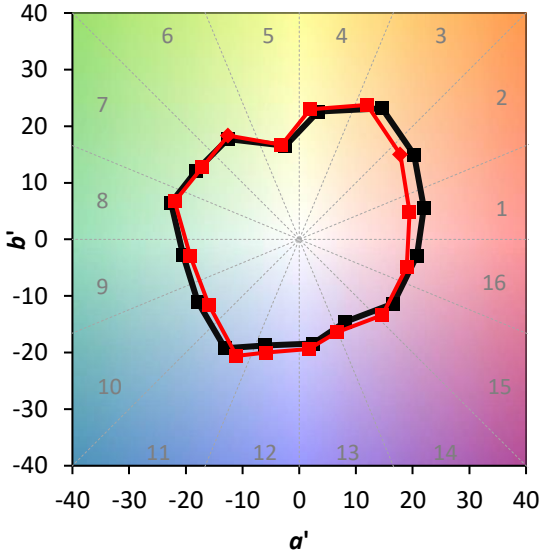
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R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

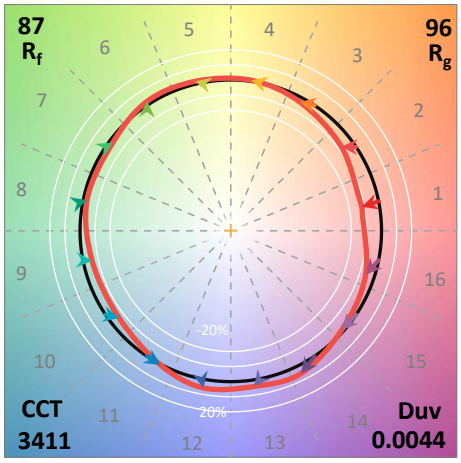
Spectral Power Distribution Comparison

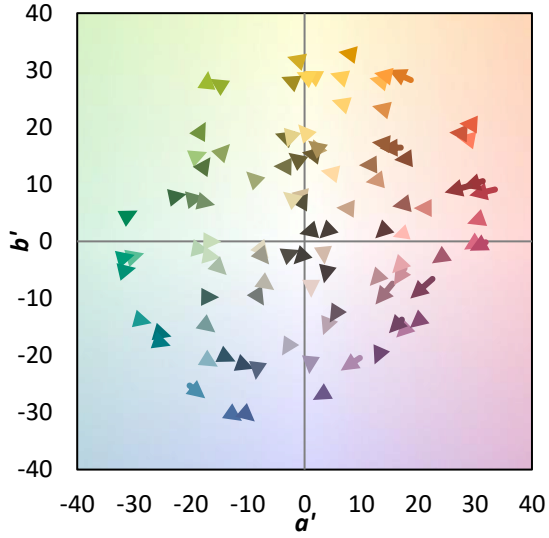


Color Vector Graphics







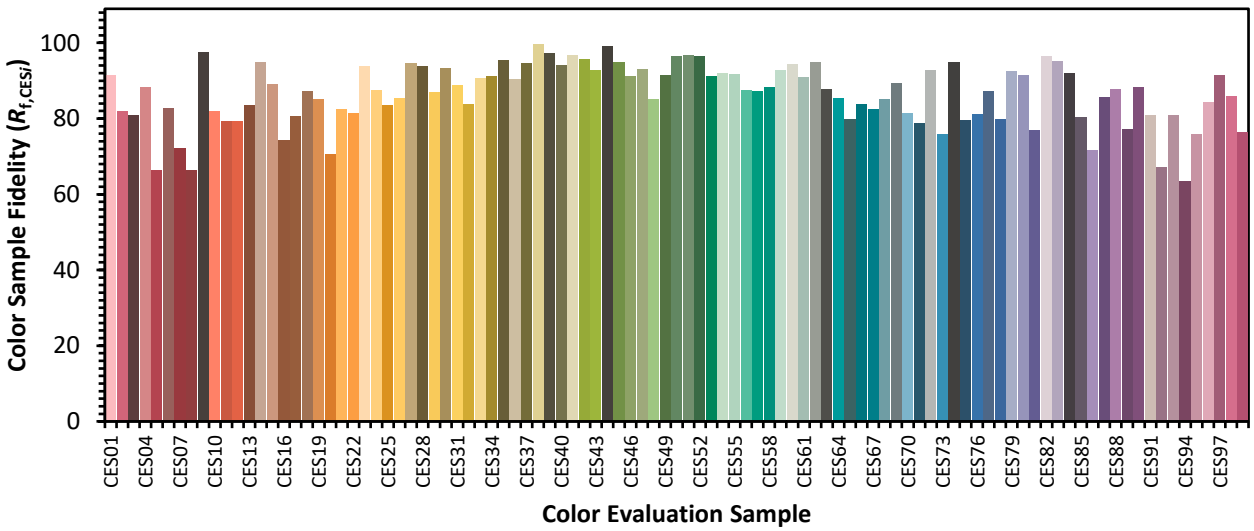


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Individual Sample Fidelity Index ($R_{f,i}$)

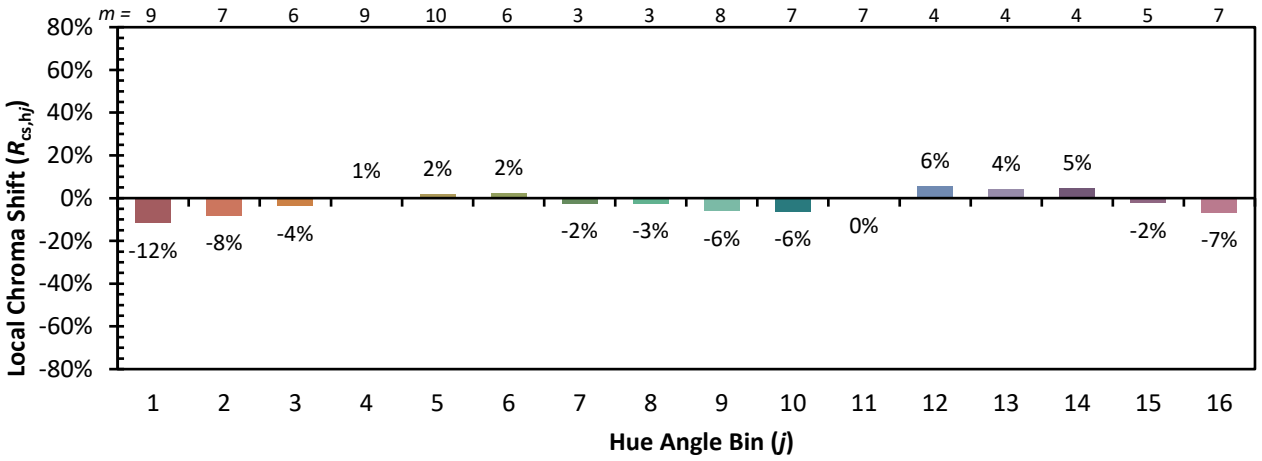
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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

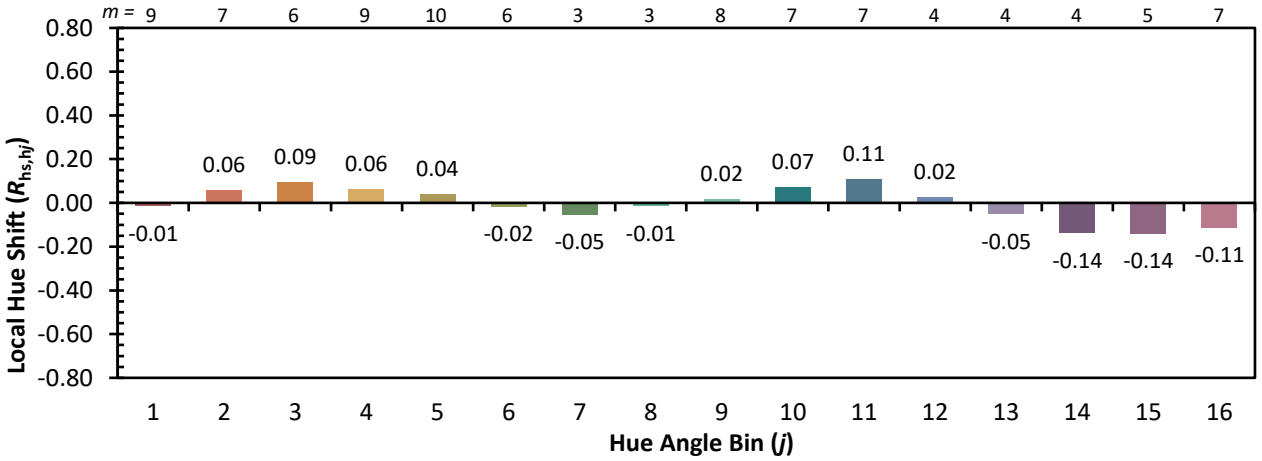


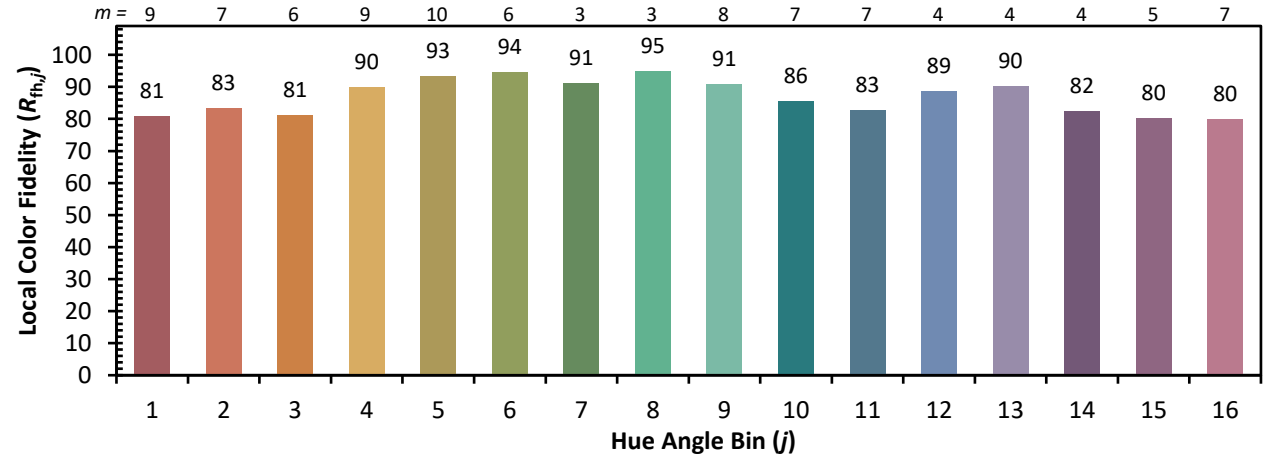
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Color Rendition by Hue-Angle Bin



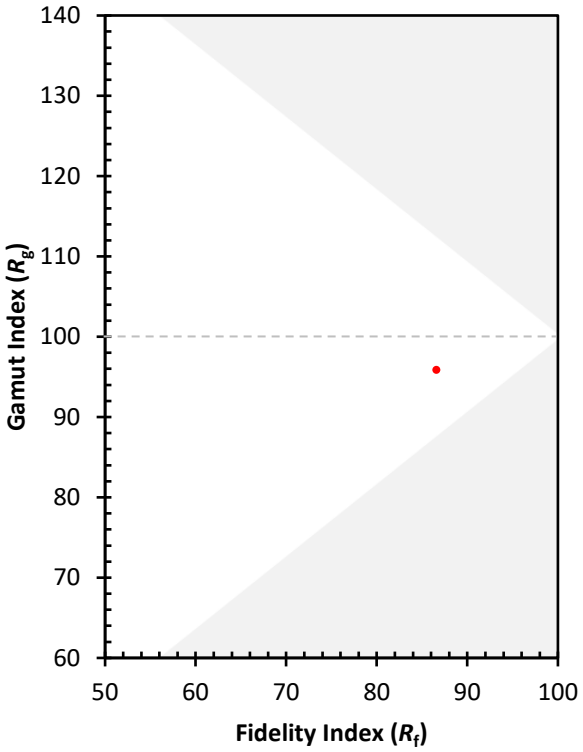


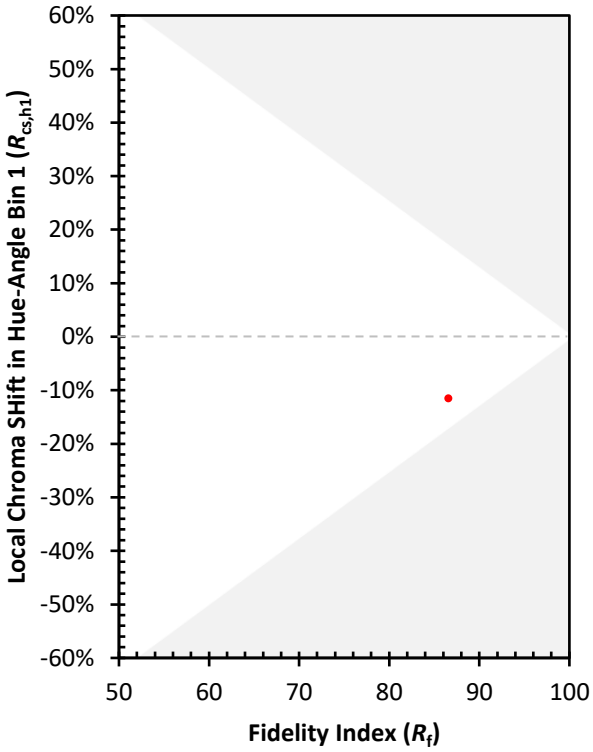


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Measure Comparisons





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