Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

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: P1502310

Luminaire Tested: GSS-SB1B-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:	P1502310
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1B-835-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 40W 80CRI 3500K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(26) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3984.9 lumens
Efficiency:	N/A
Efficacy:	99.6 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

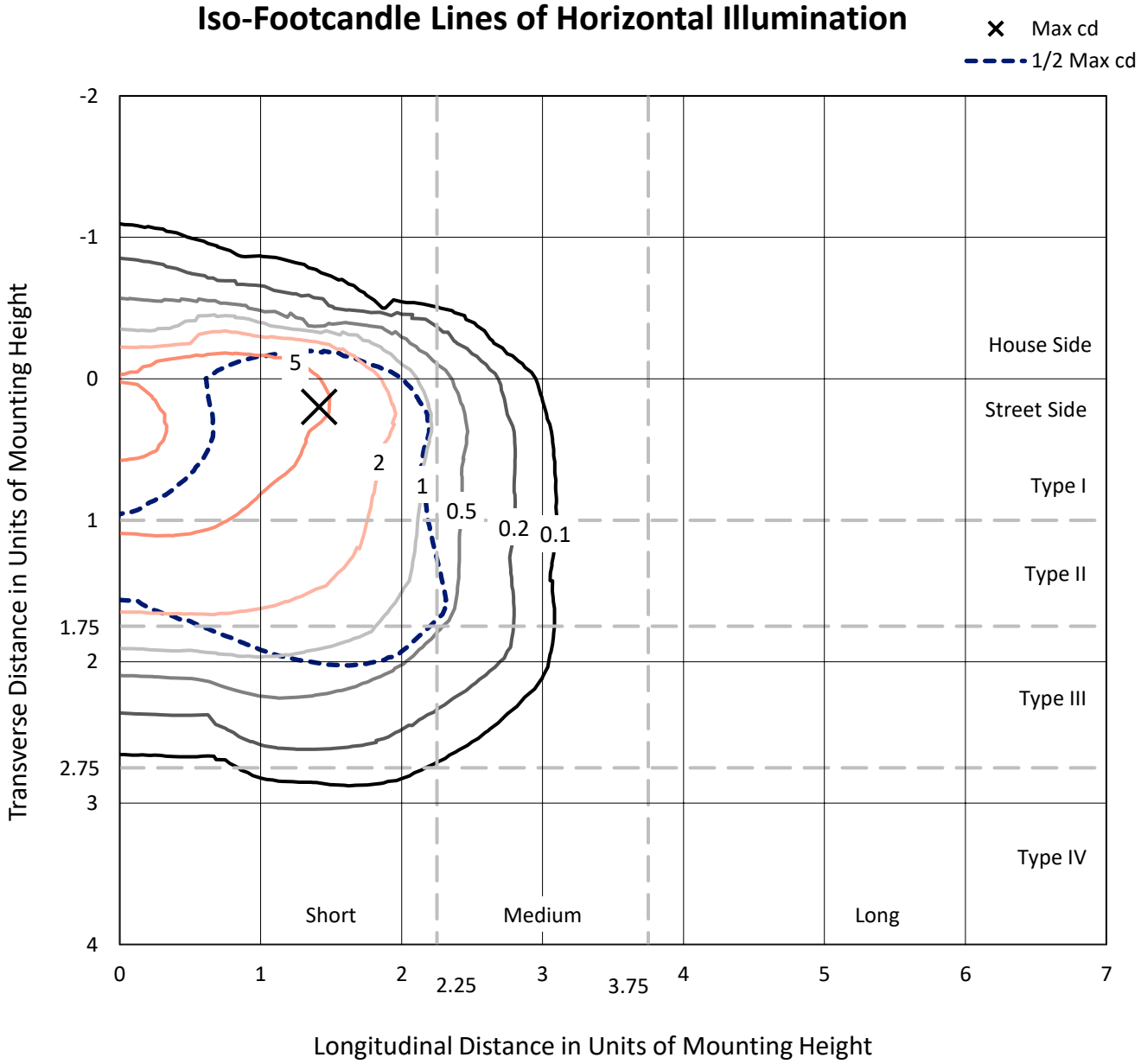
Input Watts (W):	40
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	5.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502310
CATALOG NUMBER: GSS-SB1B-835-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



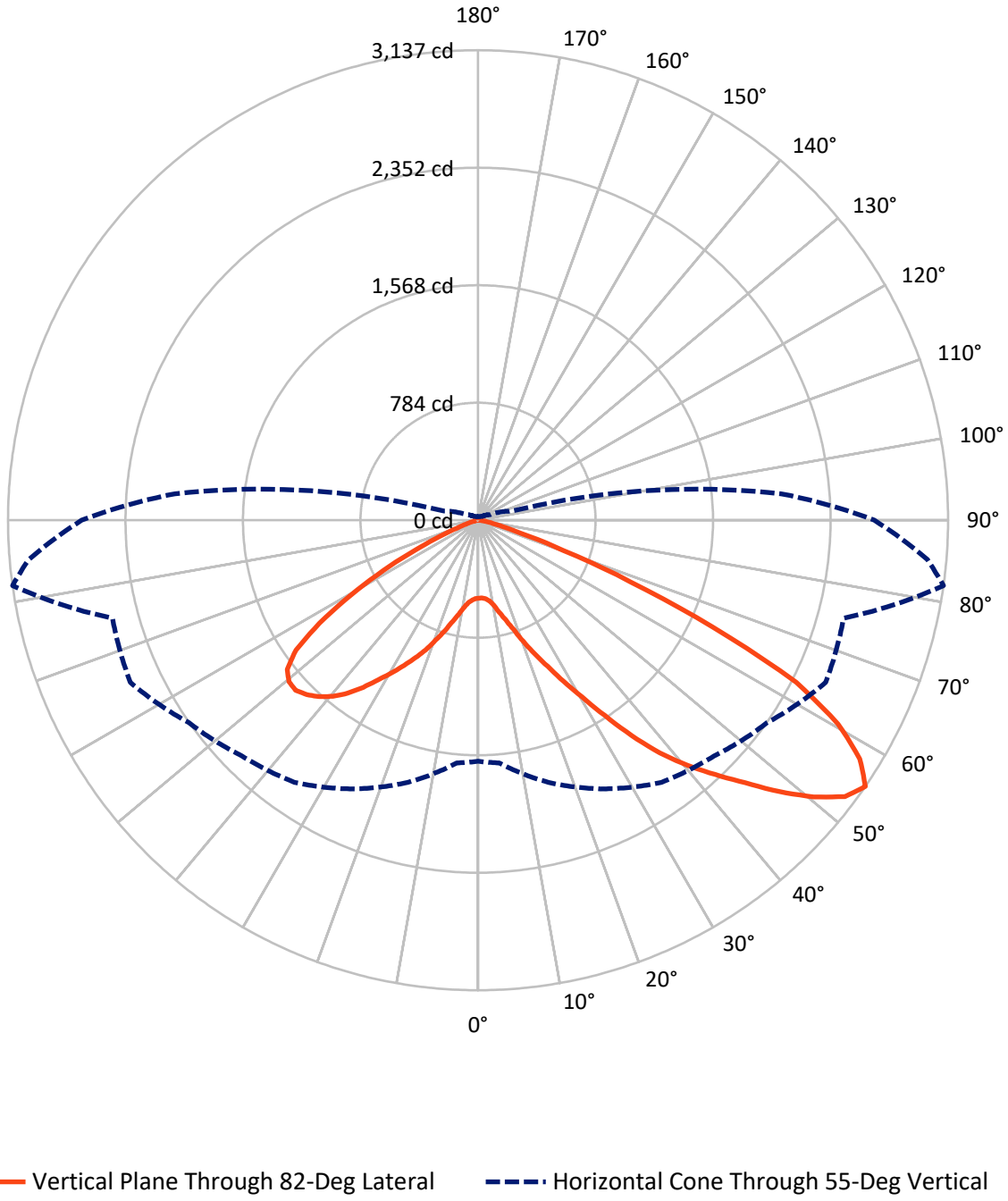
Based on 10 foot mounting height. Maximum calculated value = 9.7 fc
Type III - Short - N/A

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REPORT NUMBER: P1502310
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Luminous Intensity Polar Plot



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Scaled Data Report

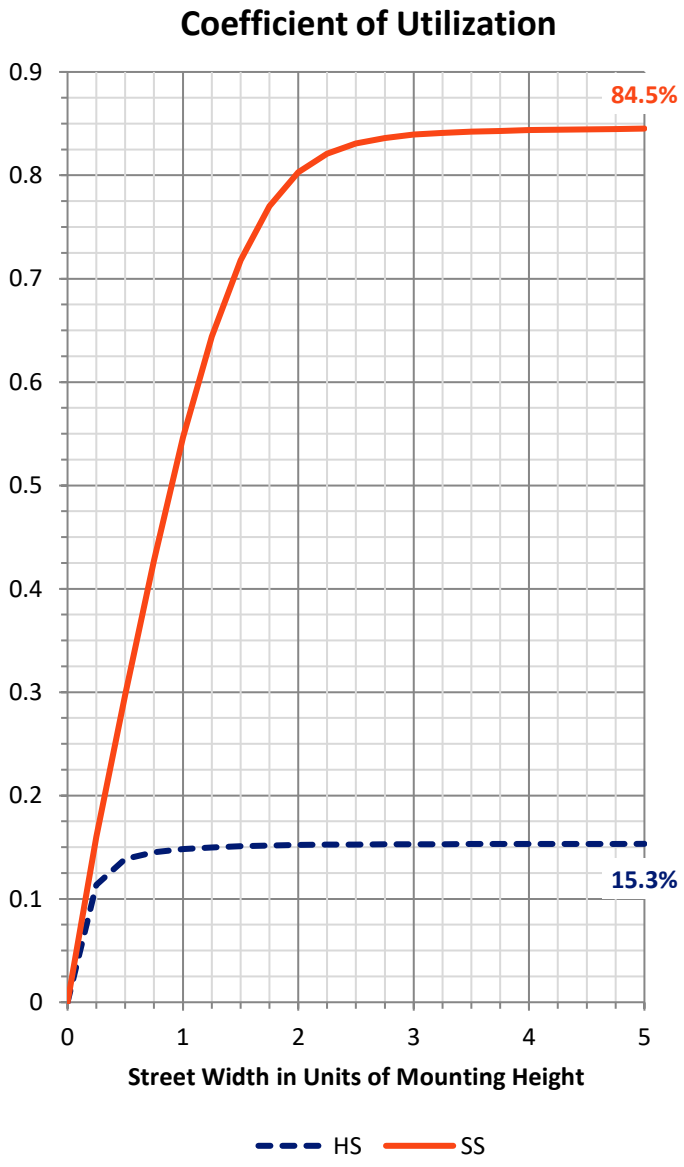
REPORT NUMBER: P1502310
CATALOG NUMBER: GSS-SB1B-835-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	615.9	0.0	615.9
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	3369.0	0.0	3369.0
	% Fixture	84.5	0.0	84.5
Total	Lumens	3984.9	0.0	3984.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.2	1.2
10°-20°	127.7	3.2
20°-30°	255.2	6.4
30°-40°	528.5	13.3
40°-50°	882.8	22.2
50°-60°	1119.7	28.1
60°-70°	837.0	21.0
70°-80°	177.3	4.4
80°-90°	9.6	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°	3984.9	100.0
0°-180°	3984.9	100.0



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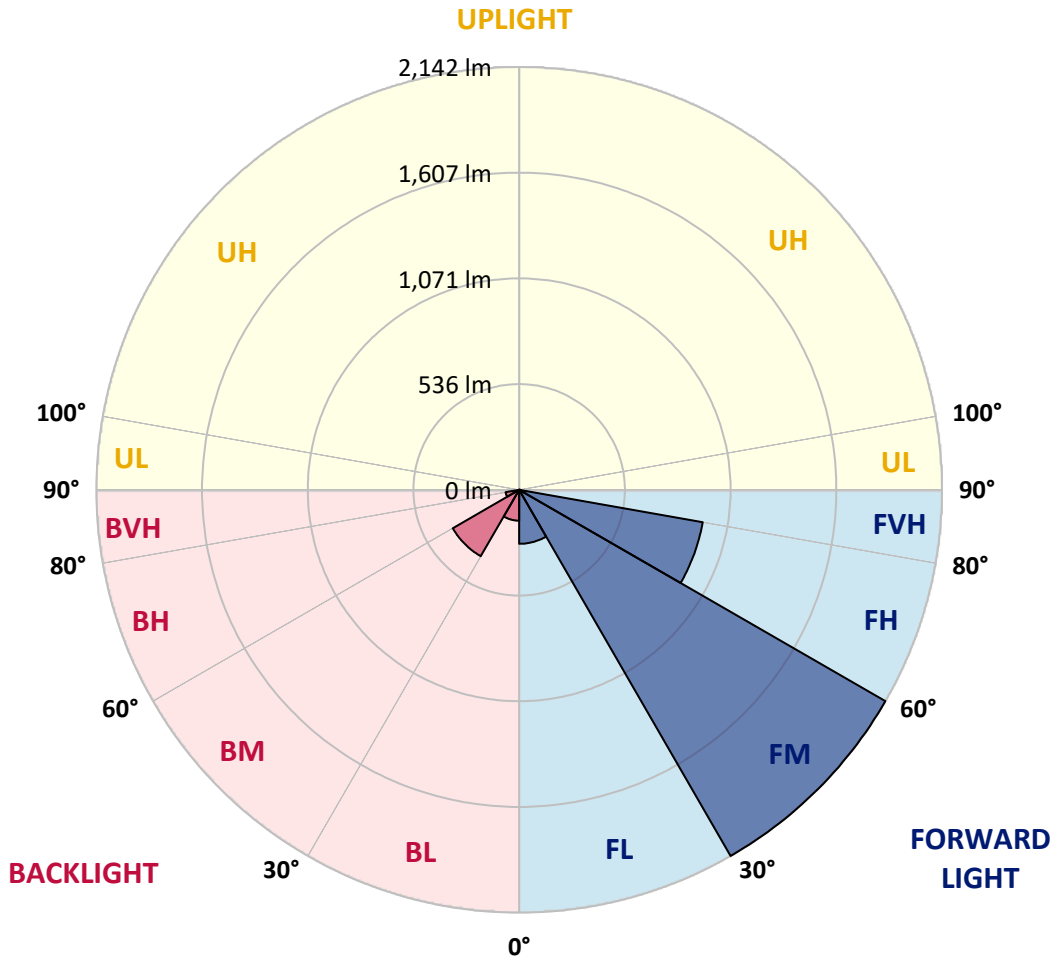
Scaled Data Report

REPORT NUMBER: P1502310
CATALOG NUMBER: GSS-SB1B-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°)	273.7	6.9			
FM	(30°-60°)	2142.3	53.8			
FH	(60°-80°)	944.4	23.7			G1/1800
FVH	(80°-90°)	8.5	0.2			G0/10
BL	(0°-30°)	156.4	3.9	B1/500		
BM	(30°-60°)	388.6	9.8	B1/1000		
BH	(60°-80°)	69.9	1.8	B0/110		G0/110
BVH	(80°-90°)	1.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	520.2	520.2	520.2	520.2	520.2	520.2	520.2	520.2	520.2	*520.2*	520.2
2.5°	506.2	507.2	505.1	506.2	508.3	507.2	511.6	514.8	518.1	*519.1*	520.2
5°	461.8	462.9	464.0	472.6	478.0	491.0	502.9	510.5	521.3	*526.7*	527.8
7.5°	408.8	408.8	413.2	424.0	438.0	462.9	489.9	511.6	532.1	*542.9*	545.1
10°	399.1	400.2	400.2	407.7	419.6	444.5	479.1	522.4	559.2	*575.4*	580.8
12.5°	401.3	402.3	403.4	411.0	422.9	444.5	488.9	545.1	602.4	*629.5*	632.7
15°	406.7	408.8	412.1	421.8	434.8	462.9	509.4	577.5	654.3	*688.9*	697.6
17.5°	422.9	424.0	429.4	440.2	460.7	488.9	539.7	619.7	726.8	*764.7*	780.9
20°	447.8	449.9	457.5	472.6	496.4	532.1	588.4	674.9	804.7	*863.1*	876.1
22.5°	479.1	479.1	489.9	513.7	547.3	587.3	655.4	748.4	899.9	*968.0*	989.6
25°	531.0	530.0	538.6	565.7	605.7	664.1	733.3	836.0	999.4	*1080.5*	1103.2
27.5°	650.0	646.8	643.5	644.6	679.2	753.8	833.9	946.4	1122.6	*1217.8*	1235.1
30°	788.5	792.8	788.5	777.6	783.0	852.3	951.8	1081.6	1261.1	*1368.2*	1390.9
32.5°	909.6	911.7	930.1	942.0	946.4	978.8	1088.0	1244.9	1437.4	*1554.2*	1583.4
35°	1041.5	1044.8	1065.3	1090.2	1129.1	1158.3	1258.9	1434.1	1616.9	*1764.0*	1785.6
37.5°	1195.1	1200.5	1227.6	1263.3	1317.3	1384.4	1438.5	1606.1	1799.7	*1969.5*	1992.2
40°	1330.3	1347.6	1394.1	1439.5	1496.9	1572.6	1608.3	1756.4	1934.9	*2151.2*	2189.1
42.5°	1457.9	1467.7	1542.3	1612.6	1680.7	1742.4	1777.0	1874.3	2054.9	*2319.9*	2362.1
45°	1563.9	1571.5	1654.8	1747.8	1832.1	1893.8	1899.2	1989.0	2173.9	*2498.4*	2530.8
47.5°	1628.8	1640.7	1747.8	1853.8	1946.8	2004.1	1995.5	2135.0	2303.7	*2706.0*	2710.4
50°	1667.8	1675.3	1784.6	1921.9	2036.6	2076.6	2095.0	2274.5	2421.6	*2902.9*	2876.9
52.5°	1695.9	1707.8	1814.8	1960.9	2089.6	2143.6	2209.6	2431.3	2514.6	*3064.0*	2994.8
55°	*1608.3*	*1625.6*	*1810.5*	*1978.2*	*2135.0*	*2225.8*	*2355.6*	*2560.0*	*2525.4*	*3136.5*	*3010.0*
57.5°	1509.8	1513.1	1695.9	1972.7	2185.8	2312.4	2489.7	2569.8	2424.8	*3004.5*	2856.4
60°	1364.9	1384.4	1571.5	1902.4	2194.5	2381.6	2580.6	2451.9	2241.0	*2760.1*	2537.3
62.5°	958.3	988.5	1233.0	1717.5	2132.8	2419.4	2565.4	2246.4	2010.6	*2382.7*	2132.8
65°	536.4	562.4	762.5	1385.5	1963.0	2410.8	2409.7	1971.7	1640.7	*1721.8*	1525.0
67.5°	294.2	314.7	395.8	1042.6	1557.4	2225.8	2082.0	1504.4	1099.9	*1093.4*	951.8
70°	205.5	206.6	249.8	704.1	1119.4	1553.1	1627.7	1009.1	682.5	*603.5*	509.4
72.5°	100.6	101.7	124.4	332.0	684.6	860.9	1116.2	524.6	382.9	*299.6*	255.2
75°	50.8	49.8	68.1	124.4	283.4	419.6	492.1	262.8	222.8	*164.4*	146.0
77.5°	32.4	33.5	40.0	68.1	127.6	163.3	151.4	142.8	130.9	*96.3*	83.3
80°	21.6	21.6	27.0	43.3	62.7	77.9	46.5	66.0	76.8	*56.2*	48.7
82.5°	6.5	6.5	16.2	23.8	30.3	31.4	20.5	30.3	43.3	*31.4*	23.8
85°	4.3	4.3	8.7	11.9	13.0	10.8	6.5	13.0	20.5	*14.1*	11.9
87.5°	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	*1.1*	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: P1502310
CATALOG NUMBER: GSS-SB1B-835-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	520.2	520.2	520.2	520.2	520.2	520.2	520.2	520.2	520.2	520.2	520.2
2.5°	521.3	522.4	525.6	526.7	528.9	530.0	530.0	530.0	528.9	530.0	532.1
5°	530.0	535.4	539.7	538.6	538.6	533.2	528.9	520.2	515.9	514.8	515.9
7.5°	551.6	555.9	560.2	553.8	537.5	512.7	485.6	464.0	445.6	436.9	440.2
10°	590.5	595.9	595.9	565.7	520.2	461.8	413.2	373.1	342.9	326.6	334.2
12.5°	646.8	651.1	640.3	576.5	489.9	393.7	312.6	245.5	206.6	187.1	182.8
15°	711.7	718.1	681.4	574.3	442.4	294.2	194.7	146.0	131.9	127.6	128.7
17.5°	794.9	798.2	726.8	557.0	360.2	192.5	138.4	124.4	121.1	119.0	119.0
20°	897.7	888.0	763.6	527.8	262.8	151.4	127.6	116.8	113.6	112.5	113.6
22.5°	1008.0	992.9	793.9	472.6	199.0	142.8	122.2	110.3	106.0	104.9	104.9
25°	1123.7	1089.1	817.7	391.5	186.0	140.6	115.7	100.6	96.3	94.1	94.1
27.5°	1255.7	1196.2	830.6	327.7	189.3	137.4	108.2	91.9	85.4	83.3	83.3
30°	1401.7	1315.2	831.7	314.7	195.8	133.0	100.6	82.2	75.7	72.5	73.5
32.5°	1579.1	1436.3	828.5	335.3	200.1	129.8	91.9	72.5	67.1	63.8	63.8
35°	1762.9	1583.4	815.5	374.2	202.2	120.1	81.1	63.8	57.3	56.2	57.3
37.5°	1945.7	1722.9	797.1	395.8	191.4	98.4	66.0	55.2	50.8	50.8	50.8
40°	2112.3	1844.0	772.2	377.5	152.5	71.4	54.1	47.6	45.4	44.3	45.4
42.5°	2236.6	1952.2	726.8	318.0	108.2	57.3	47.6	42.2	40.0	40.0	41.1
45°	2372.9	2056.0	639.2	233.6	82.2	49.8	41.1	36.8	35.7	35.7	36.8
47.5°	2510.3	2139.3	554.8	155.7	71.4	44.3	36.8	33.5	32.4	31.4	32.4
50°	2615.2	2179.3	444.5	113.6	64.9	40.0	33.5	31.4	29.2	28.1	28.1
52.5°	2689.8	2168.5	325.5	97.3	59.5	36.8	31.4	29.2	26.0	26.0	26.0
55°	*2644.4*	*2030.1*	*234.7*	*87.6*	*55.2*	*34.6*	*30.3*	*27.0*	*24.9*	*23.8*	*23.8*
57.5°	2423.8	1730.5	169.8	79.0	48.7	32.4	29.2	26.0	22.7	21.6	21.6
60°	2106.9	1347.6	126.5	69.2	42.2	31.4	26.0	24.9	21.6	19.5	19.5
62.5°	1721.8	981.0	98.4	59.5	37.9	27.0	24.9	22.7	19.5	17.3	16.2
65°	1195.1	626.2	75.7	48.7	35.7	23.8	22.7	19.5	16.2	13.0	13.0
67.5°	737.6	372.1	58.4	37.9	28.1	20.5	19.5	17.3	14.1	10.8	10.8
70°	407.7	196.8	40.0	28.1	21.6	16.2	15.1	15.1	11.9	9.7	8.7
72.5°	195.8	107.1	27.0	23.8	16.2	10.8	11.9	11.9	9.7	7.6	7.6
75°	117.9	63.8	18.4	18.4	10.8	8.7	8.7	9.7	7.6	5.4	5.4
77.5°	67.1	37.9	10.8	14.1	7.6	5.4	6.5	5.4	4.3	3.2	3.2
80°	37.9	21.6	6.5	9.7	4.3	3.2	3.2	2.2	2.2	1.1	1.1
82.5°	18.4	11.9	3.2	3.2	2.2	1.1	1.1	1.1	1.1	0.0	0.0
85°	8.7	2.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	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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Peachtree City, GA 30269

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

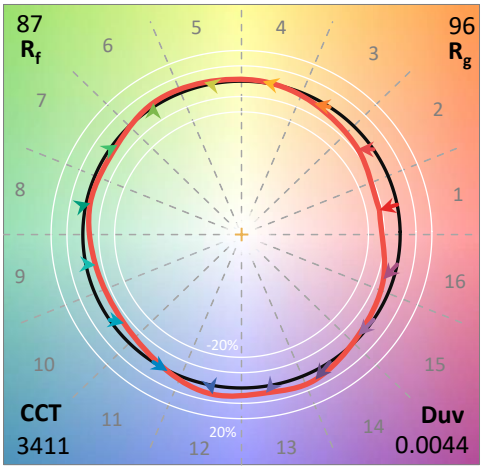
Test Information

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

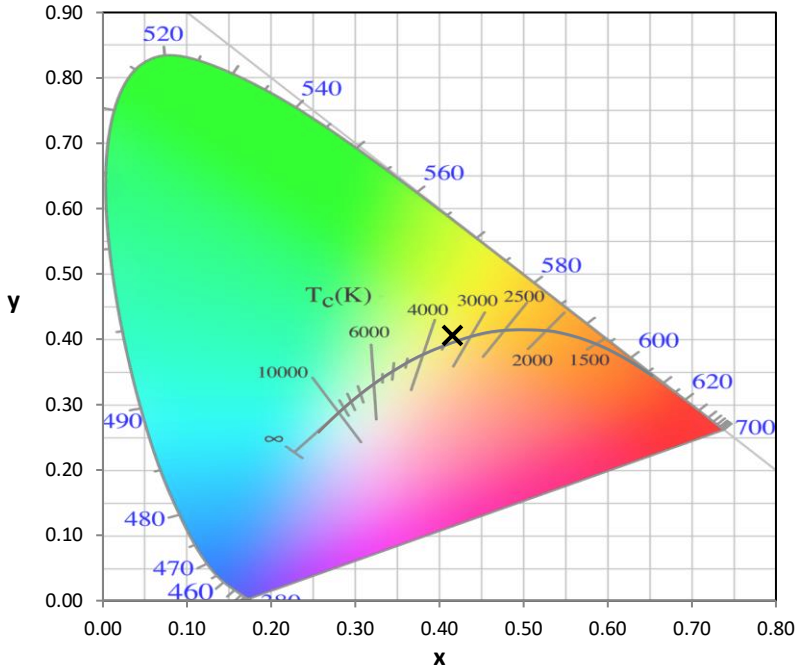
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

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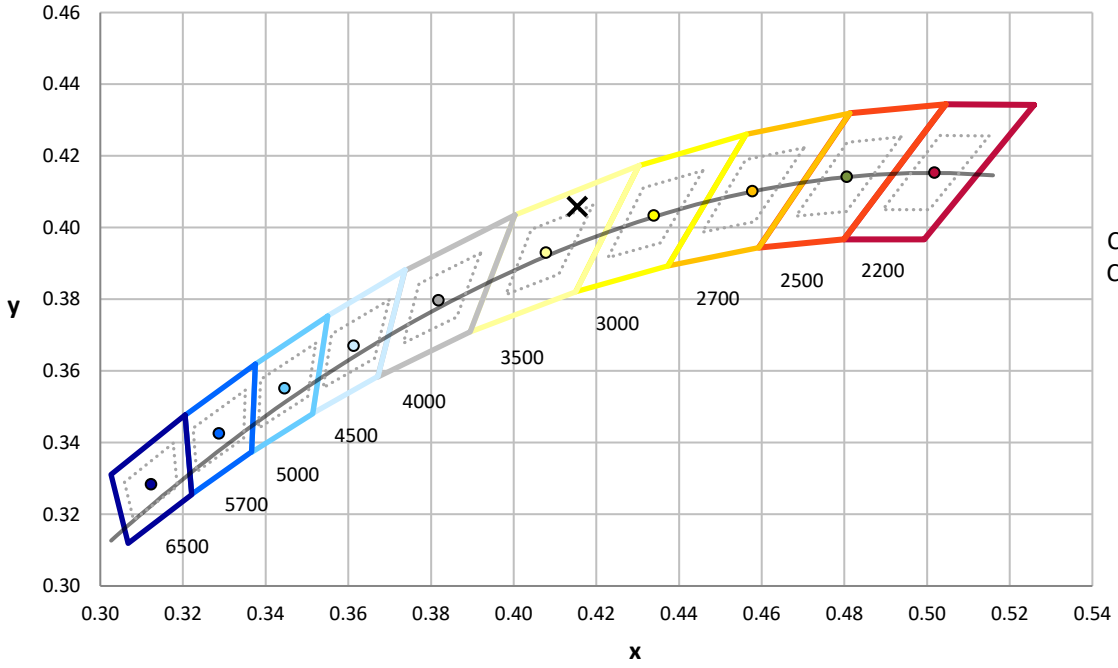
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

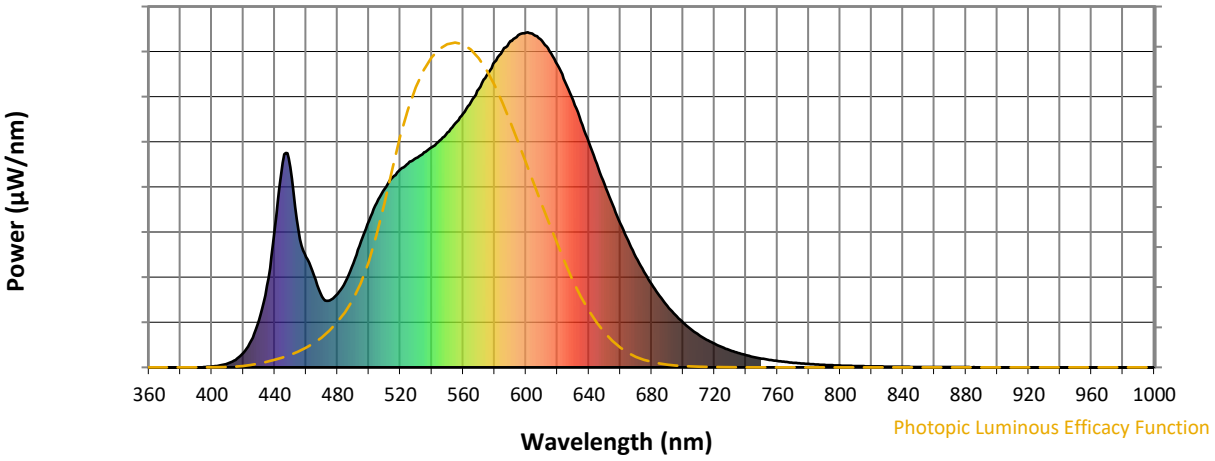


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

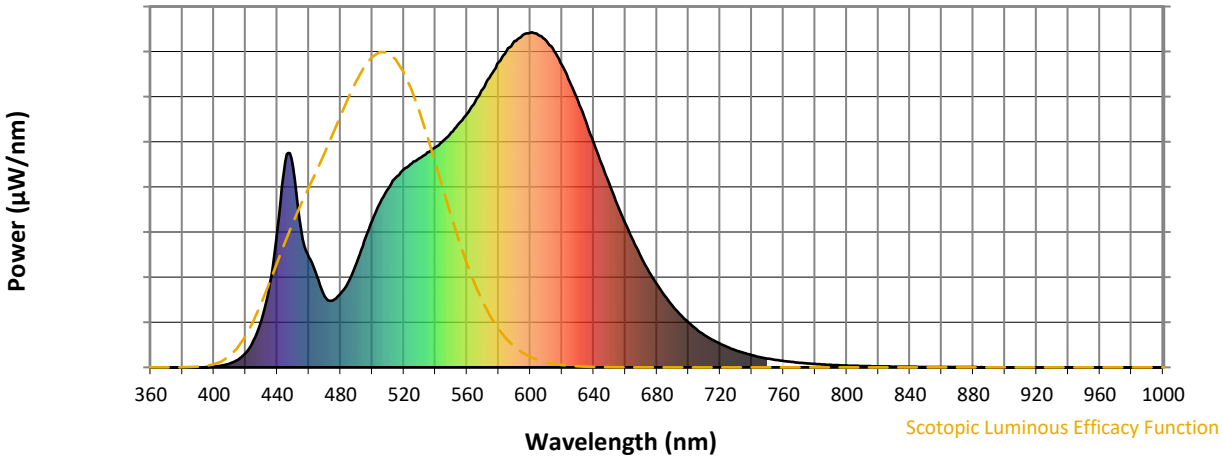


Photopic Lumens: NR

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

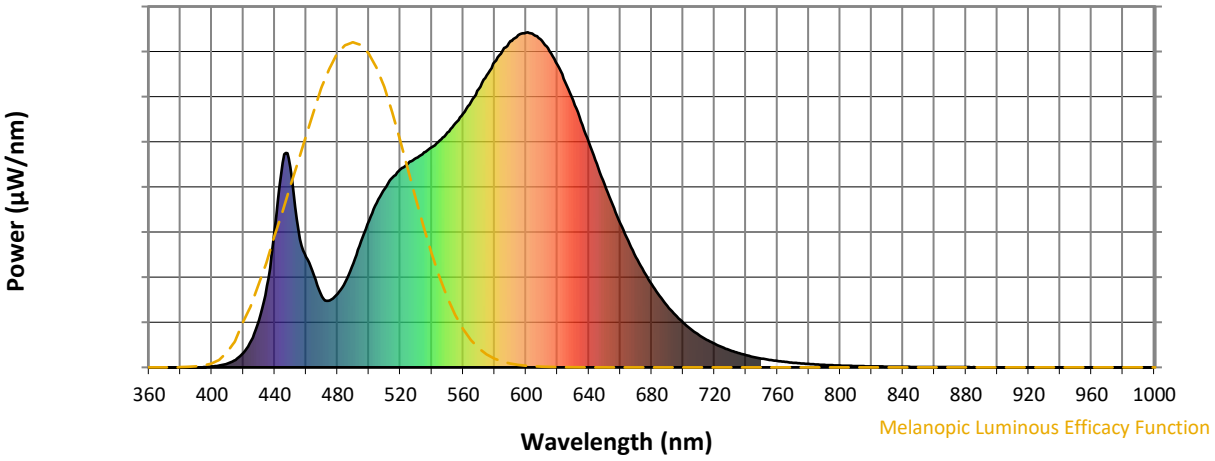


Scotopic Lumens: NR **S/P: 1.48**

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			

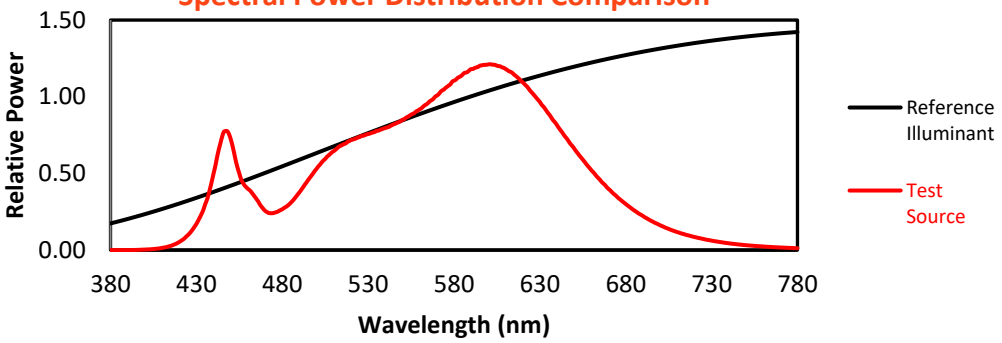
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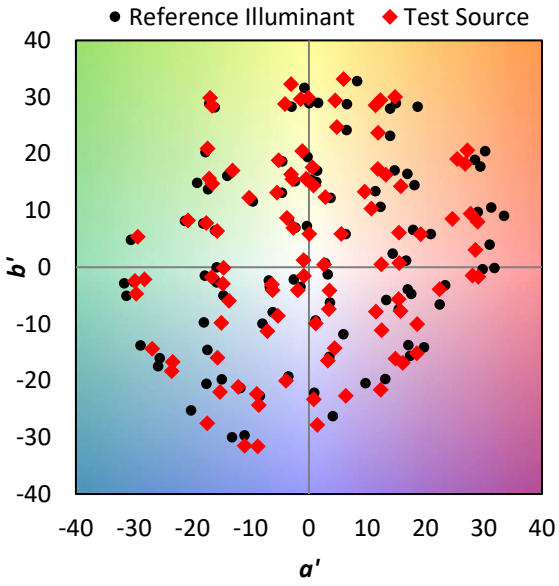
Summary

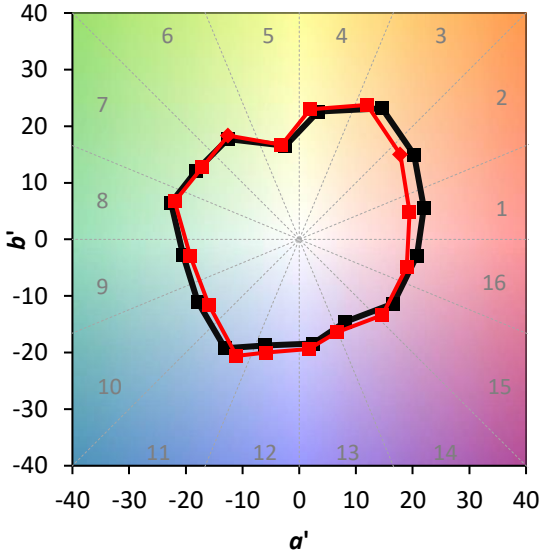
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

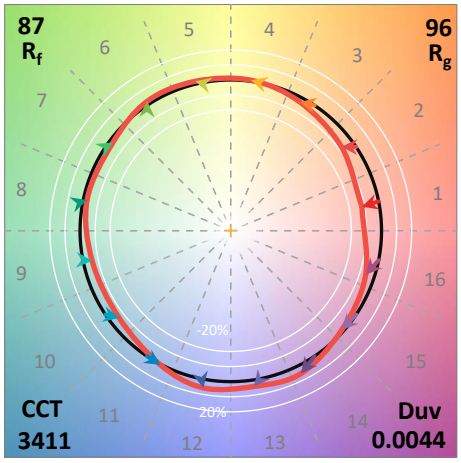
Spectral Power Distribution Comparison

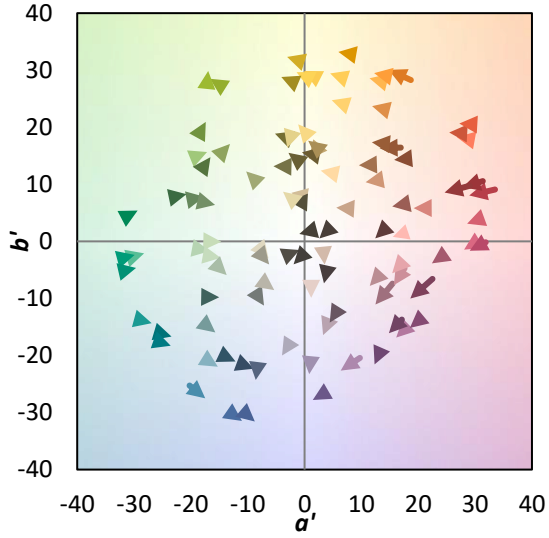


Color Vector Graphics







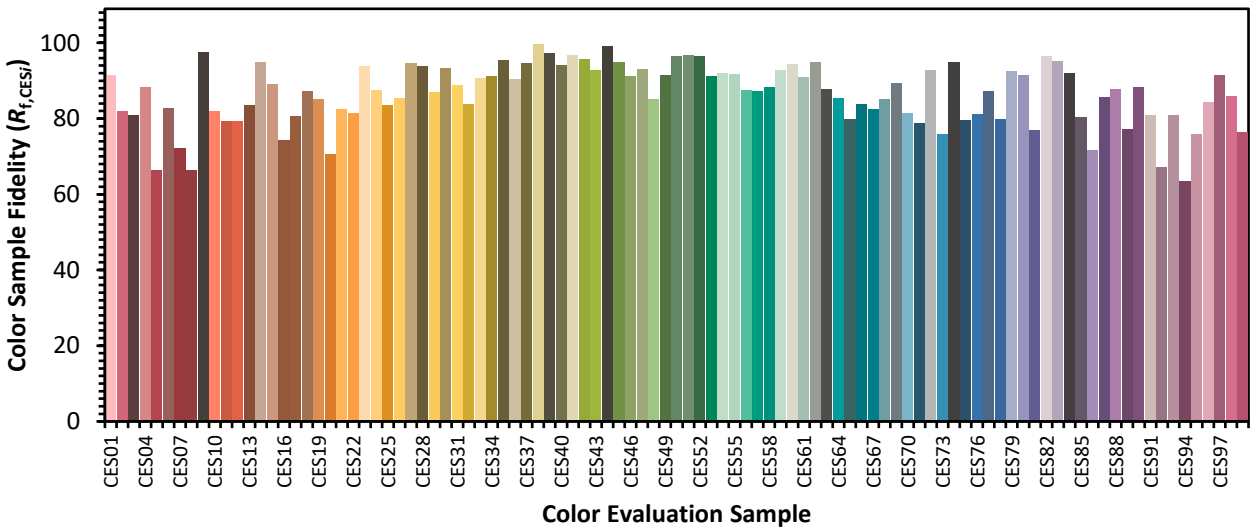


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Individual Sample Fidelity Index ($R_{f,i}$)

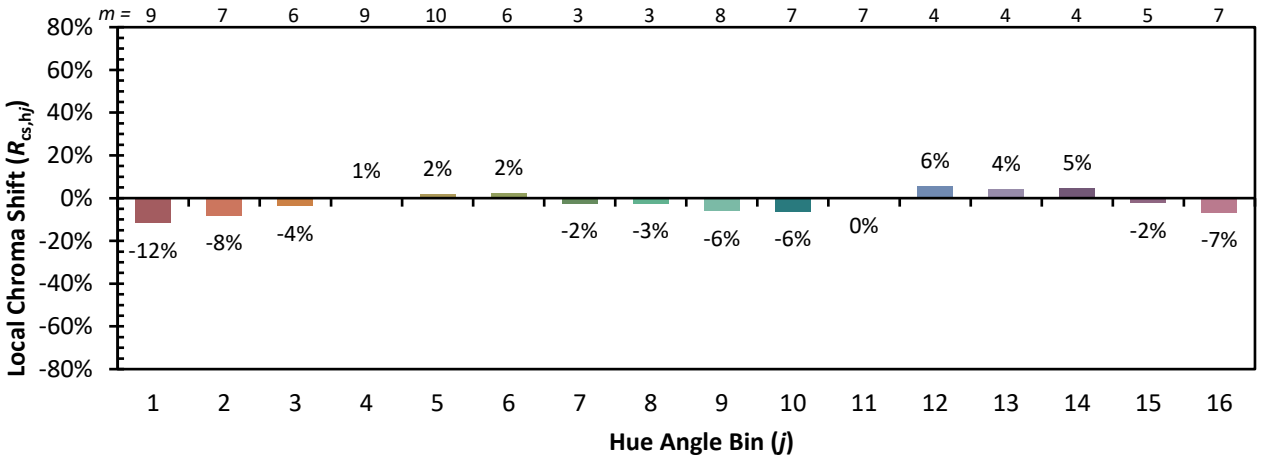
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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

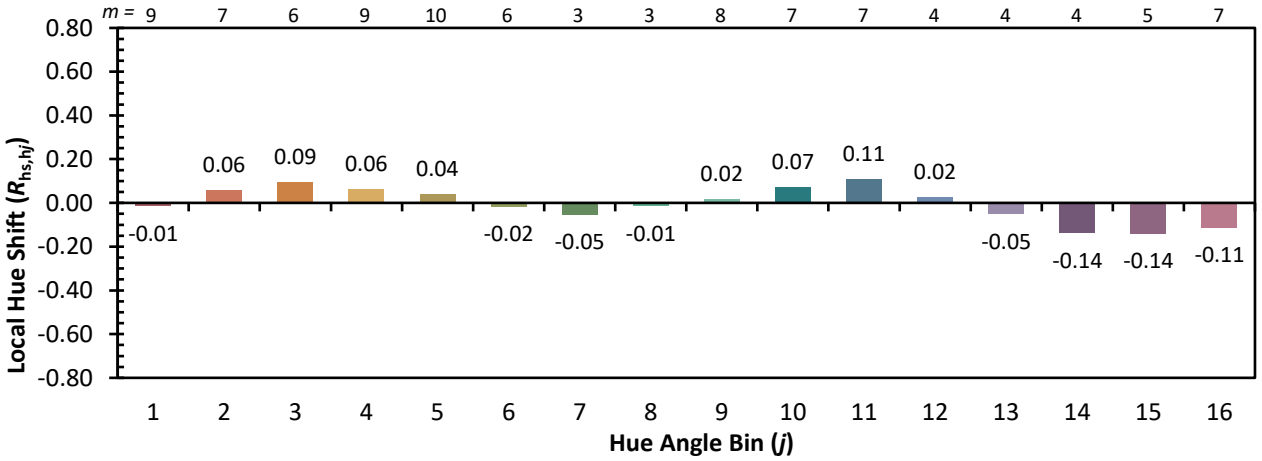


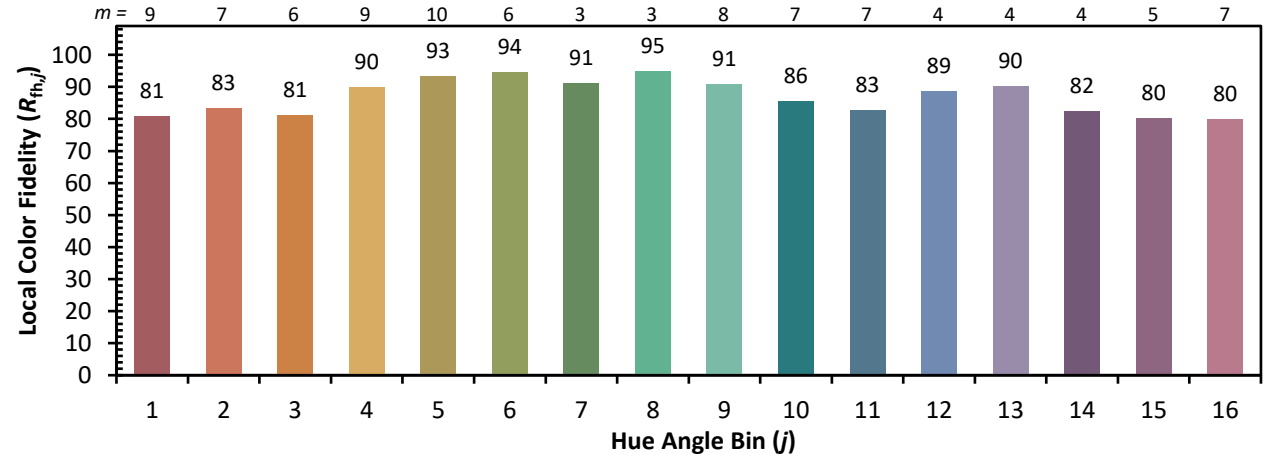
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Color Rendition by Hue-Angle Bin



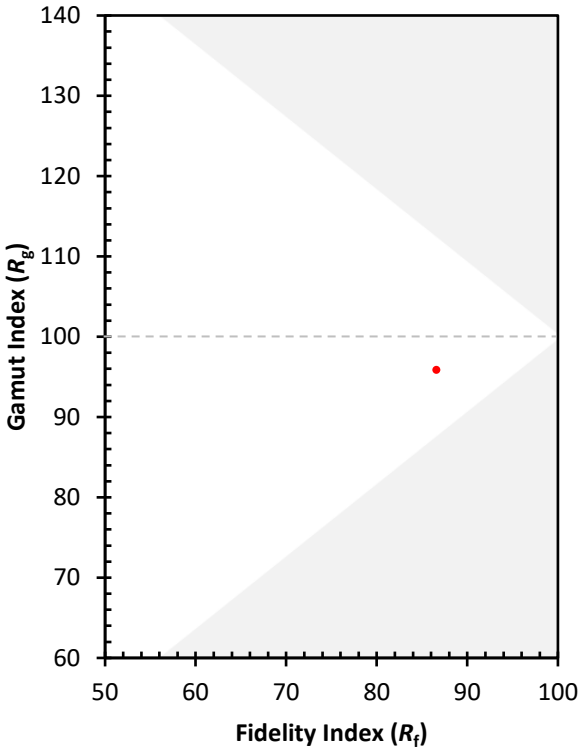


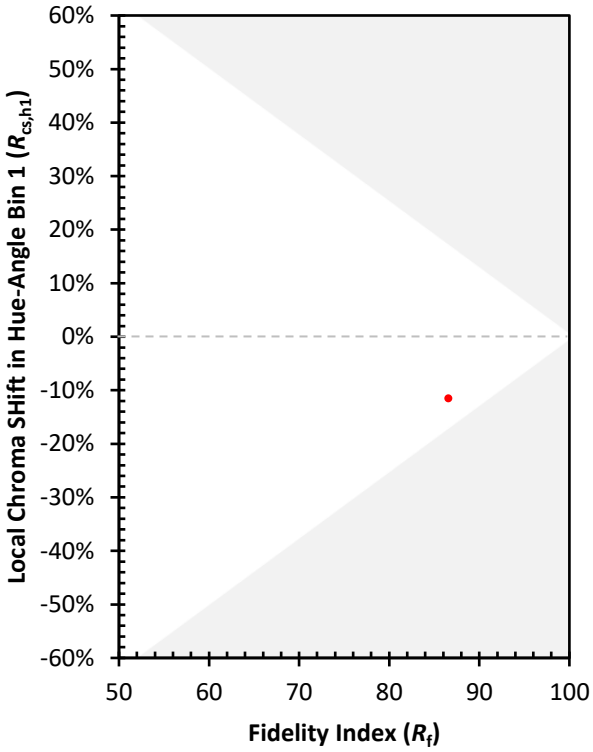


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Measure Comparisons





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