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: P1501157

Luminaire Tested: GSS-SB1A-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:	P1501157
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1A-835-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 31W 80CRI 3500K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(26) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3859.5 lumens
Efficiency:	N/A
Efficacy:	124.5 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

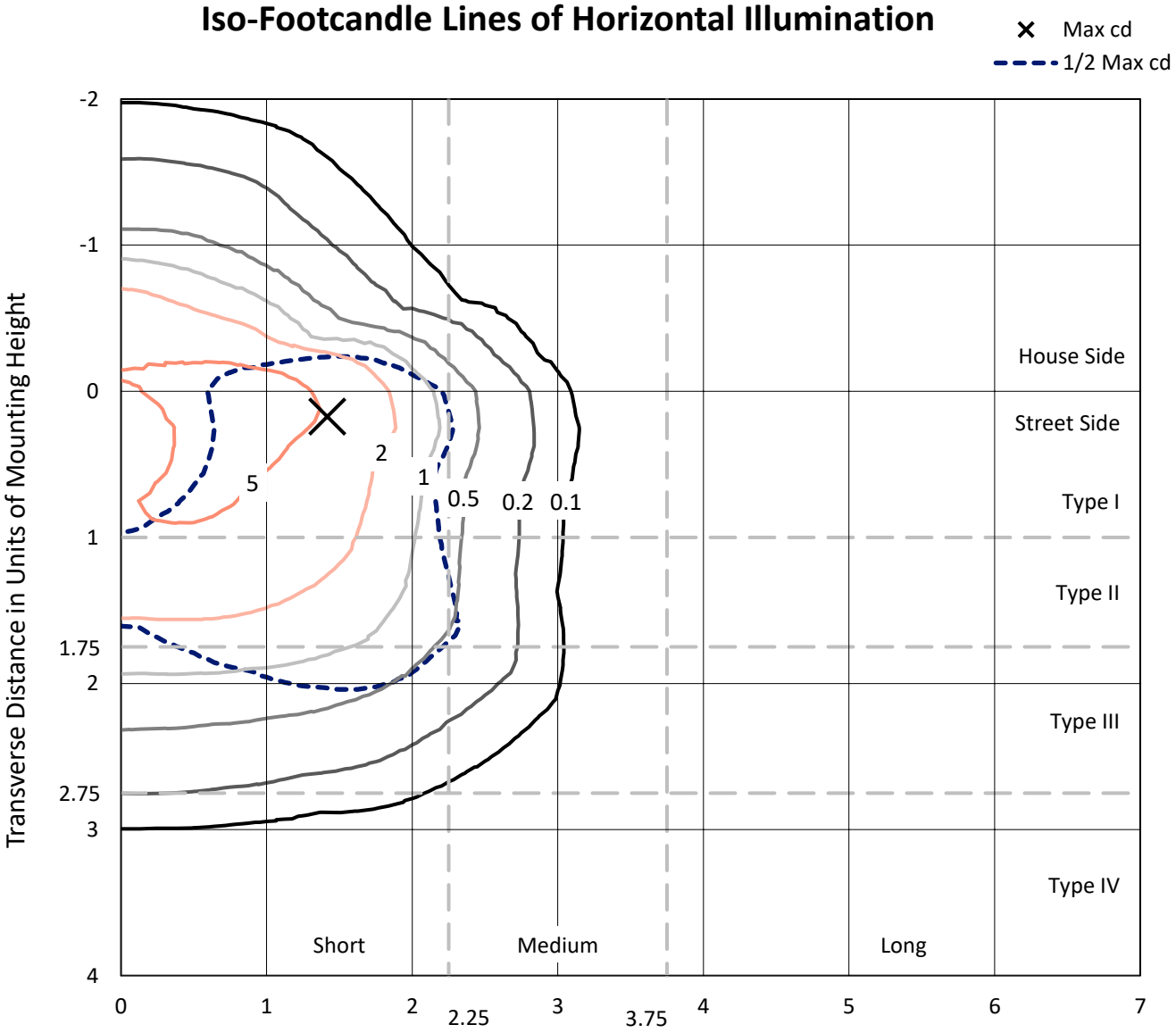
Input Watts (W):	31
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.4%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501157
CATALOG NUMBER: GSS-SB1A-835-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



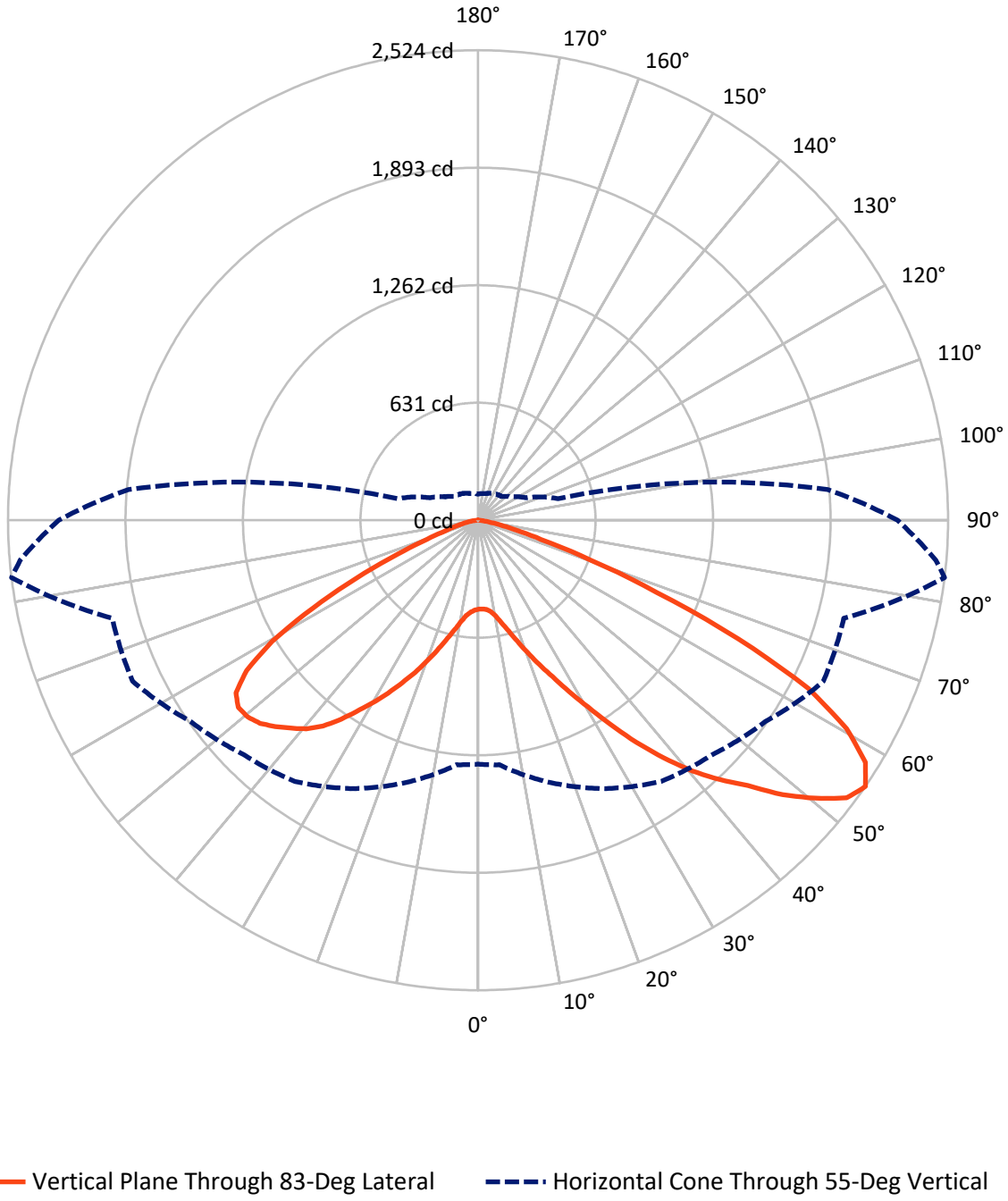
Based on 10 foot mounting height. Maximum calculated value = 8.1 fc
Type III - Short - N/A

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Scaled Data Report

REPORT NUMBER: P1501157
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Luminous Intensity Polar Plot



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Scaled Data Report

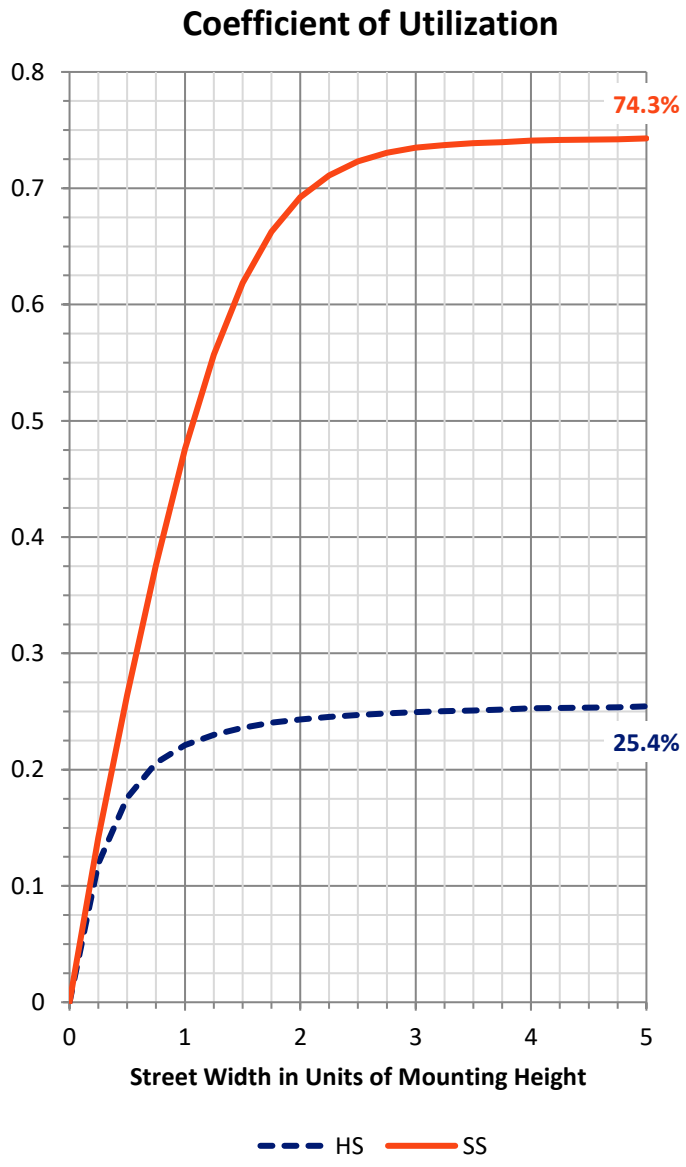
REPORT NUMBER: P1501157
CATALOG NUMBER: GSS-SB1A-835-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	990.4	0.0	990.4
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	2869.1	0.0	2869.1
	% Fixture	74.3	0.0	74.3
Total	Lumens	3859.5	0.0	3859.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.2	1.2
10°-20°	150.4	3.9
20°-30°	301.1	7.8
30°-40°	535.6	13.9
40°-50°	807.2	20.9
50°-60°	983.6	25.5
60°-70°	795.4	20.6
70°-80°	217.9	5.6
80°-90°	22.2	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°	3859.5	100.0
0°-180°	3859.5	100.0



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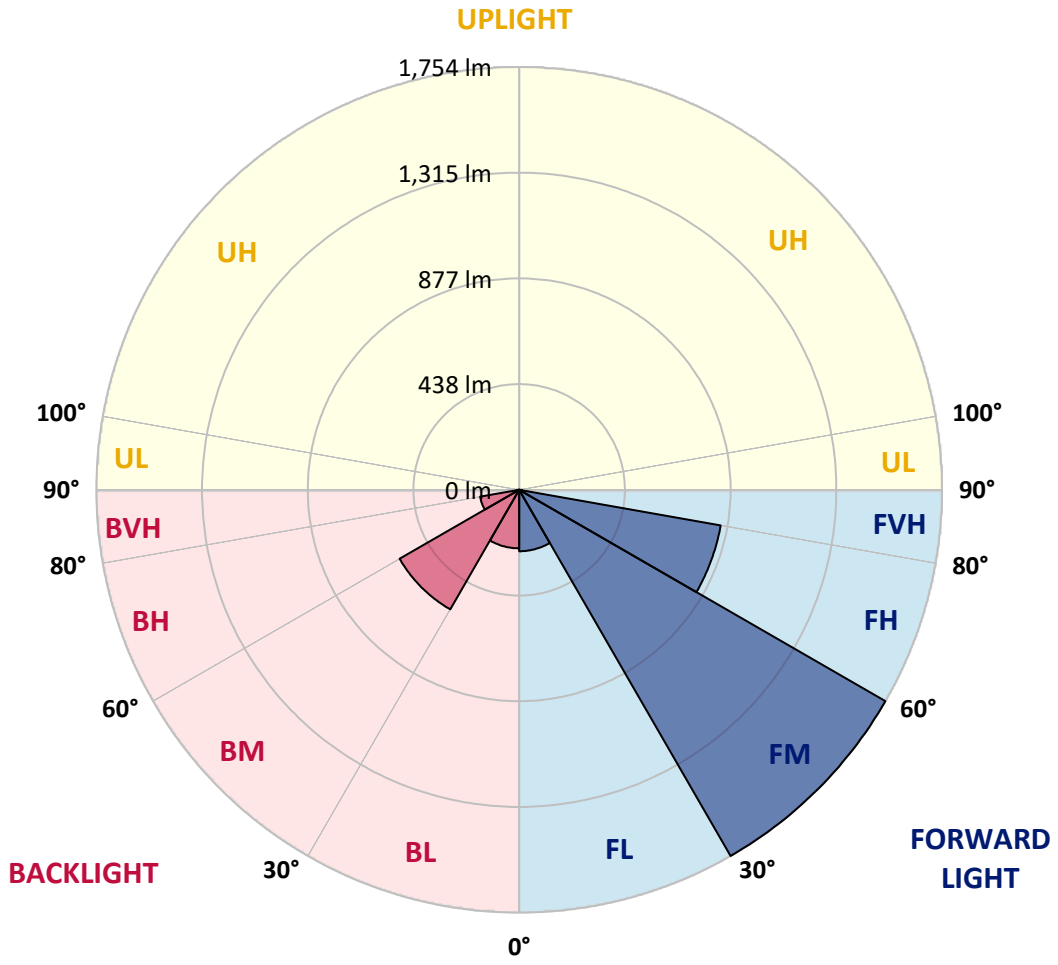
Scaled Data Report

REPORT NUMBER: P1501157
CATALOG NUMBER: GSS-SB1A-835-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	254.8	6.6			
FM	(30°-60°)	1753.9	45.4			
FH	(60°-80°)	848.8	22.0			G1/1800
FVH	(80°-90°)	11.6	0.3			G1/100
BL	(0°-30°)	242.8	6.3	B1/500		
BM	(30°-60°)	572.6	14.8	B1/1000		
BH	(60°-80°)	164.4	4.3	B1/500		G1/500
BVH	(80°-90°)	10.6	0.3			G1/100
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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REPORT NUMBER: P1501157
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	477.8	477.8	477.8	477.8	477.8	477.8	477.8	477.8	477.8	*477.8*	477.8
2.5°	464.0	463.2	462.3	461.5	463.2	465.8	468.3	470.0	474.3	*477.8*	476.0
5°	427.2	425.4	427.2	434.0	440.0	450.3	460.6	467.5	476.9	*481.2*	482.9
7.5°	394.6	392.8	394.6	403.1	413.4	429.7	451.2	468.3	485.5	*495.8*	497.5
10°	394.6	395.4	395.4	398.9	404.0	420.3	446.0	478.6	508.6	*523.2*	526.7
12.5°	407.4	407.4	407.4	411.7	415.1	428.0	457.2	497.5	545.5	*567.0*	569.5
15°	424.6	423.7	426.3	428.9	434.9	447.7	476.9	524.9	585.8	*618.4*	621.9
17.5°	448.6	446.9	449.5	455.5	464.0	478.6	507.8	562.7	641.6	*682.8*	687.9
20°	475.2	474.3	479.5	488.9	500.9	518.9	552.4	608.1	705.1	*757.4*	766.8
22.5°	506.9	505.2	514.6	531.8	548.1	568.7	609.0	667.3	778.0	*840.6*	850.0
25°	543.0	543.0	555.8	576.4	601.3	638.2	678.5	742.8	863.7	*930.7*	945.2
27.5°	602.1	606.4	611.6	633.0	668.2	717.9	760.8	833.7	957.2	*1041.3*	1046.4
30°	698.2	696.5	705.1	719.6	748.8	801.1	865.5	943.5	1075.6	*1164.0*	1176.8
32.5°	784.8	787.4	799.4	826.9	862.0	906.6	983.8	1079.9	1204.3	*1306.3*	1312.3
35°	872.3	874.0	897.2	938.4	990.7	1040.4	1124.5	1218.9	1344.1	*1465.0*	1481.3
37.5°	995.0	993.3	1016.4	1051.6	1121.9	1199.1	1266.9	1356.9	1477.9	*1619.4*	1638.3
40°	1086.8	1096.2	1139.9	1184.5	1250.6	1330.4	1387.8	1472.7	1587.7	*1770.4*	1787.5
42.5°	1181.1	1188.8	1247.2	1314.1	1383.5	1437.6	1482.2	1561.1	1675.2	*1904.2*	1913.6
45°	1259.2	1269.5	1336.4	1421.3	1493.3	1548.2	1563.7	1637.4	1764.4	*2032.9*	2047.4
47.5°	1308.9	1320.1	1399.0	1498.5	1572.2	1630.6	1625.4	1729.2	1859.6	*2203.5*	2198.4
50°	1343.2	1350.1	1435.9	1542.2	1638.3	1676.9	1699.2	1833.0	1957.4	*2346.8*	2327.9
52.5°	1368.1	1379.3	1457.3	1574.0	1675.2	1725.8	1785.8	1953.1	2025.1	*2478.0*	2436.0
55°	*1309.8*	*1318.4*	*1455.6*	*1590.3*	*1712.9*	*1779.8*	*1884.5*	*2046.6*	*2033.7*	*2524.3*	*2467.7*
57.5°	1249.7	1256.6	1383.5	1586.0	1754.1	1846.7	1996.8	2058.6	1957.4	*2453.1*	2382.0
60°	1174.3	1179.4	1306.3	1540.5	1754.9	1899.0	2054.3	1971.1	1815.8	*2273.9*	2206.1
62.5°	1035.3	1035.3	1175.1	1417.8	1712.1	1925.6	2038.9	1805.5	1626.3	*1991.7*	1898.2
65°	898.1	892.1	986.4	1199.1	1598.0	1918.8	1923.1	1596.3	1332.1	*1536.2*	1463.3
67.5°	748.8	749.7	805.4	973.5	1294.3	1775.5	1678.6	1233.4	928.1	*1034.4*	996.7
70°	506.9	519.8	576.4	706.8	976.1	1258.3	1336.4	835.4	579.0	*642.4*	611.6
72.5°	193.0	195.6	261.6	370.5	616.7	756.5	932.4	467.5	338.8	*354.2*	356.0
75°	81.5	84.9	111.5	156.1	273.6	412.6	490.6	236.7	205.9	*211.9*	210.1
77.5°	54.9	56.6	67.8	84.1	123.5	165.5	205.0	133.8	126.1	*118.4*	114.9
80°	41.2	41.2	48.9	56.6	69.5	84.9	89.2	67.8	75.5	*62.6*	60.9
82.5°	26.6	28.3	30.9	33.5	39.5	42.0	36.0	36.9	43.7	*32.6*	30.9
85°	12.9	13.7	14.6	15.4	15.4	14.6	12.9	16.3	22.3	*13.7*	12.9
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	0.9	0.9	0.9	*0.9*	0.9
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: P1501157
CATALOG NUMBER: GSS-SB1A-835-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	477.8	477.8	477.8	477.8	477.8	477.8	477.8	477.8	477.8	477.8	477.8
2.5°	478.6	482.1	484.6	486.3	490.6	489.8	492.3	494.1	495.8	498.3	494.9
5°	487.2	493.2	500.1	505.2	510.4	512.9	513.8	515.5	516.4	518.1	517.2
7.5°	506.1	512.9	523.2	528.4	532.7	532.7	530.1	529.2	526.7	528.4	528.4
10°	537.8	548.1	559.2	560.1	555.0	549.0	539.5	534.4	527.5	525.8	524.1
12.5°	584.1	597.8	606.4	600.4	582.4	560.1	535.2	512.1	494.1	486.3	484.6
15°	636.4	653.6	655.3	638.2	605.6	551.5	499.2	473.5	464.0	464.0	463.2
17.5°	708.5	720.5	713.6	672.5	599.6	511.2	473.5	469.2	471.8	475.2	475.2
20°	784.0	797.7	769.4	696.5	562.7	487.2	476.0	479.5	485.5	488.9	488.1
22.5°	874.0	880.9	826.0	697.3	523.2	481.2	481.2	485.5	489.8	494.9	494.9
25°	966.7	964.1	878.3	665.6	500.9	479.5	477.8	481.2	482.9	485.5	484.6
27.5°	1070.5	1056.7	918.6	615.0	494.1	474.3	465.8	462.3	464.0	466.6	467.5
30°	1189.7	1157.1	951.2	583.3	491.5	462.3	441.7	432.3	430.6	434.0	434.0
32.5°	1327.8	1257.5	971.0	579.0	488.9	440.9	413.4	395.4	392.0	393.7	398.0
35°	1469.3	1378.4	965.8	590.1	489.8	423.7	383.4	359.4	356.0	357.7	362.0
37.5°	1617.7	1493.3	946.1	607.3	482.9	400.6	356.0	326.8	321.7	325.1	326.8
40°	1732.6	1590.3	897.2	614.1	470.9	371.4	324.2	299.4	285.6	284.8	289.1
42.5°	1839.0	1666.6	844.0	603.0	446.0	340.5	291.6	266.8	245.3	229.0	229.0
45°	1945.4	1743.8	790.0	571.3	404.9	307.9	257.3	223.9	199.0	187.0	187.8
47.5°	2051.7	1818.4	725.7	523.2	363.7	273.6	220.4	193.8	176.7	167.3	167.3
50°	2150.4	1872.5	643.3	446.9	316.5	239.3	194.7	179.3	166.4	157.8	156.1
52.5°	2237.0	1908.5	531.8	354.2	265.0	200.7	181.0	169.0	159.5	150.1	147.5
55°	*2252.4*	*1884.5*	*445.2*	*284.8*	*218.7*	*180.1*	*170.7*	*160.4*	*147.5*	*143.2*	*140.7*
57.5°	2157.2	1757.5	375.7	240.2	187.0	165.5	162.1	150.1	139.8	135.5	133.0
60°	1995.1	1526.8	310.5	205.9	166.4	151.8	156.1	144.1	127.8	125.2	122.7
62.5°	1703.5	1191.4	247.9	173.3	151.0	141.5	145.8	128.7	114.9	111.5	110.6
65°	1324.4	852.6	208.4	152.7	139.0	131.2	129.5	114.1	103.8	101.2	101.2
67.5°	924.6	542.1	174.1	139.8	123.5	118.4	117.5	107.2	100.4	97.8	97.8
70°	566.1	328.5	146.7	127.8	108.9	99.5	105.5	103.8	93.5	90.9	90.1
72.5°	294.2	196.4	128.7	117.5	91.8	84.9	94.4	95.2	86.6	90.1	89.2
75°	170.7	136.4	112.4	103.8	72.9	71.2	82.3	90.9	84.1	86.6	84.9
77.5°	97.8	87.5	86.6	84.9	57.5	58.3	73.8	81.5	72.1	74.6	68.6
80°	54.0	56.6	60.0	53.2	40.3	45.5	59.2	65.2	54.9	54.0	49.7
82.5°	28.3	35.2	40.3	34.3	23.2	27.4	40.3	40.3	35.2	33.5	32.6
85°	12.9	14.6	18.9	17.2	8.6	10.3	18.9	20.6	18.0	16.3	15.4
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	1.7	2.6	0.9	0.9	0.9
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

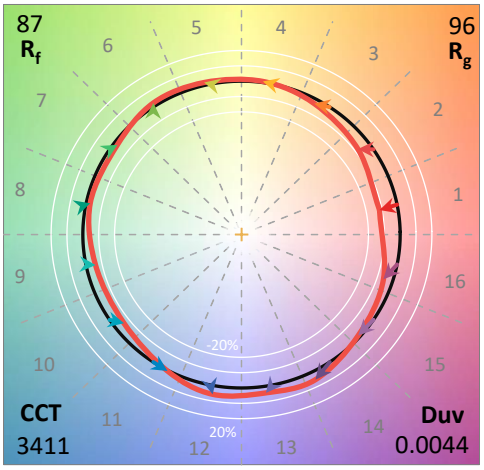
Test Information

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

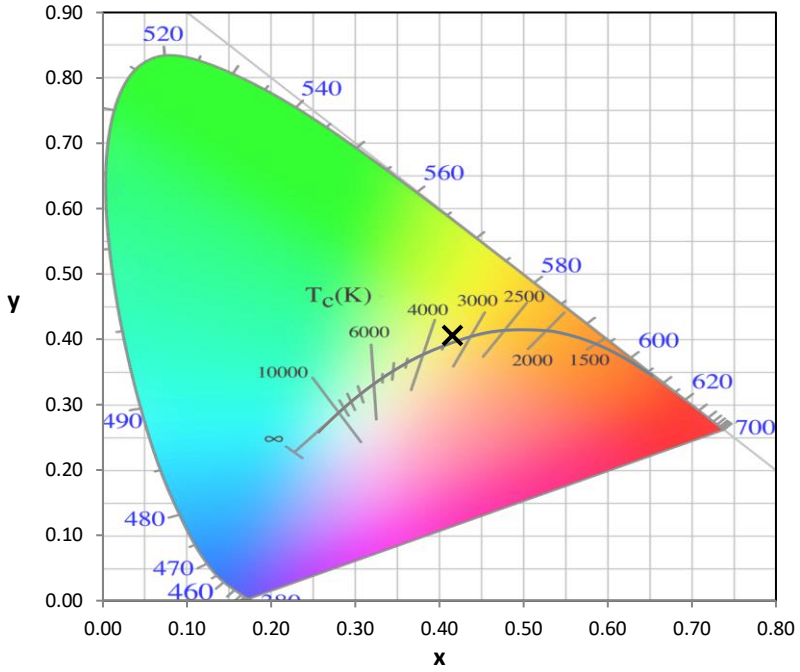
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

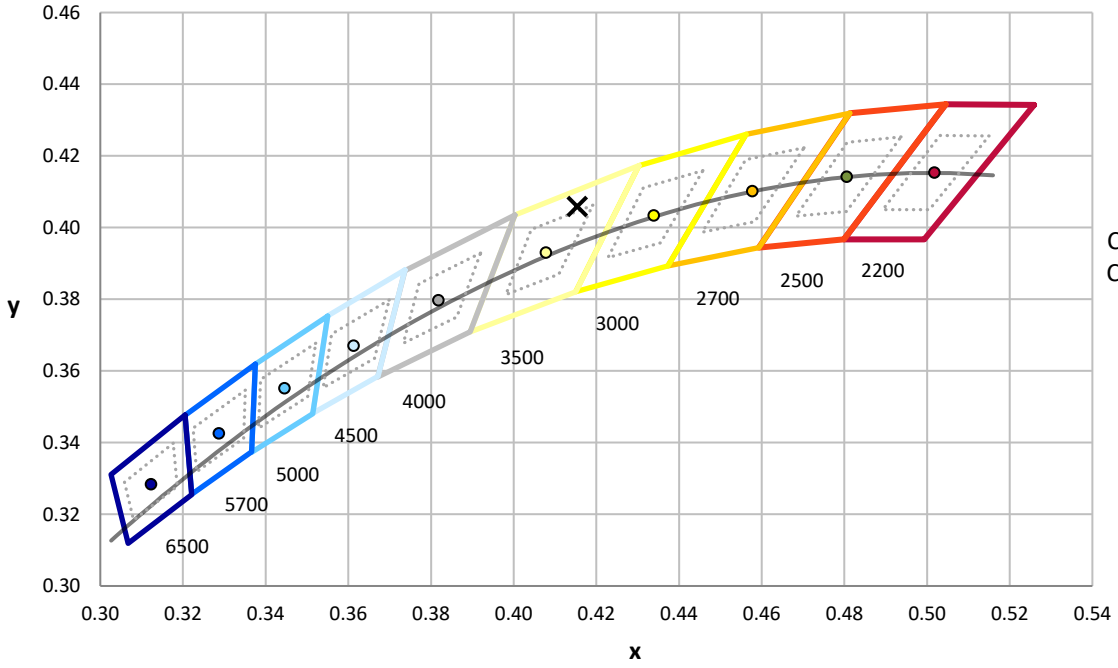
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

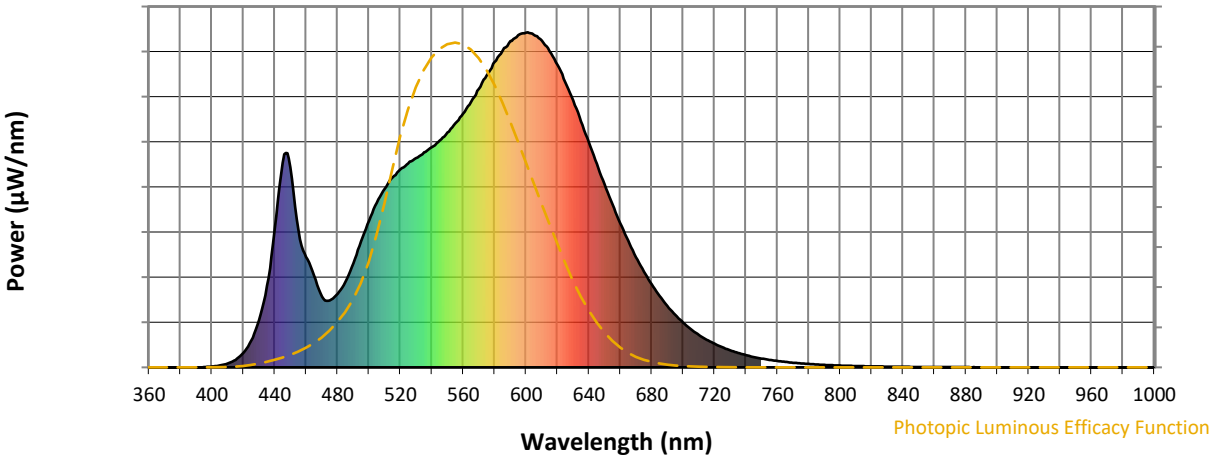


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

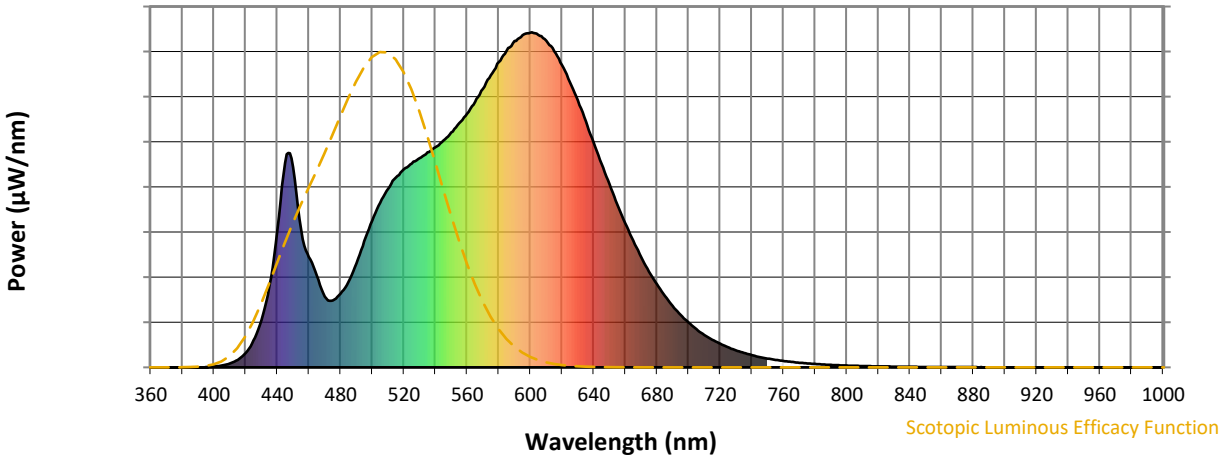


Photopic Lumens: NR

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

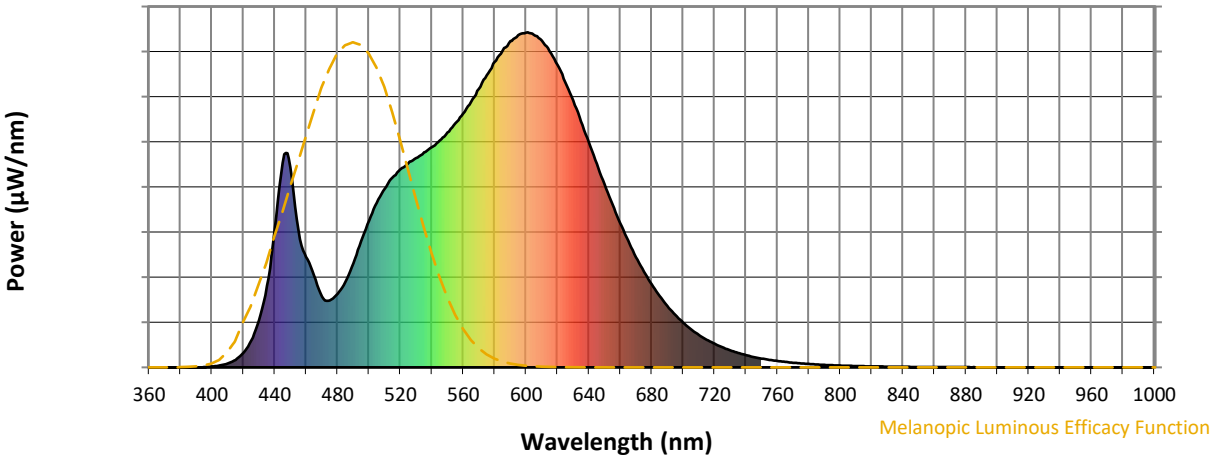


Scotopic Lumens: NR **S/P: 1.48**

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			

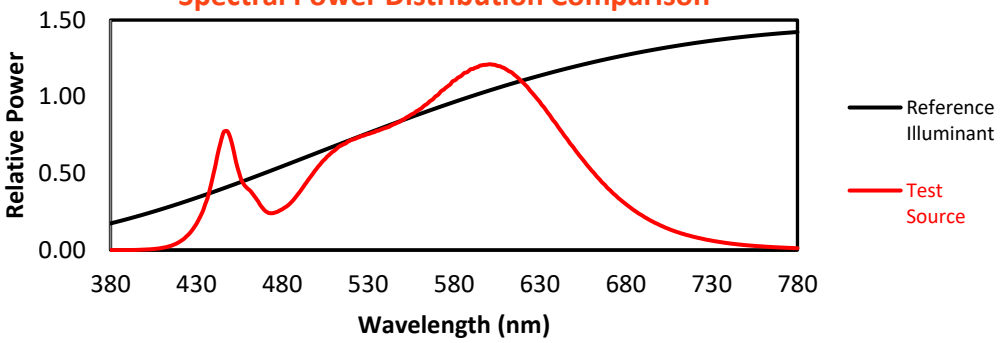
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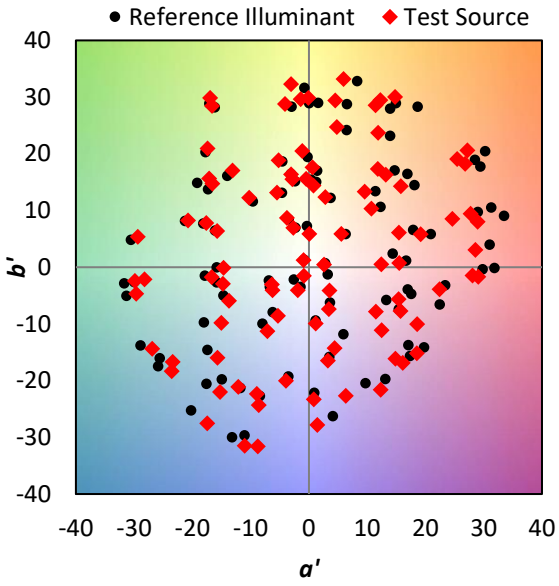
Summary

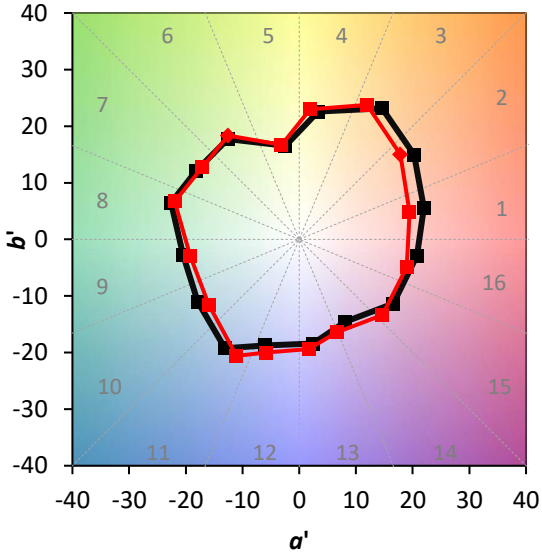
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

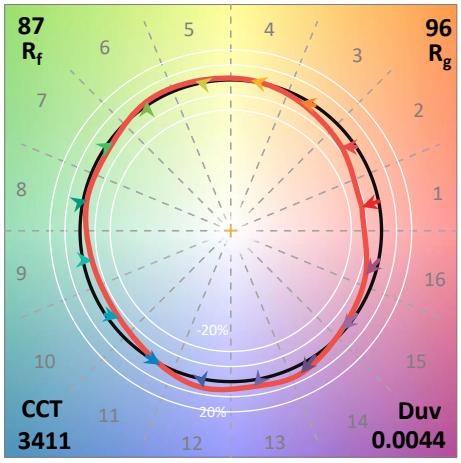
Spectral Power Distribution Comparison

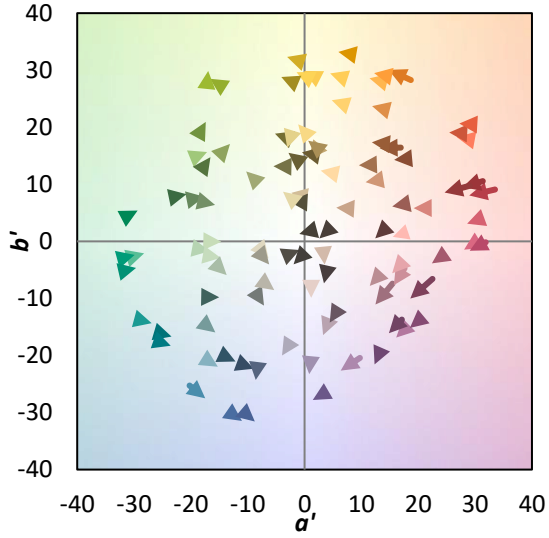


Color Vector Graphics







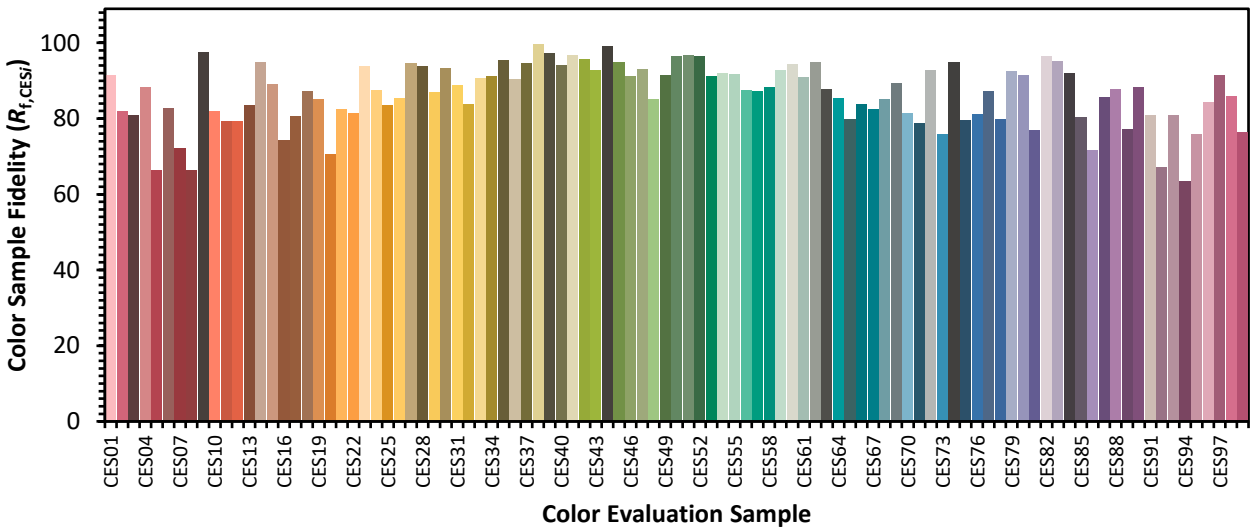


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Individual Sample Fidelity Index ($R_{f,i}$)

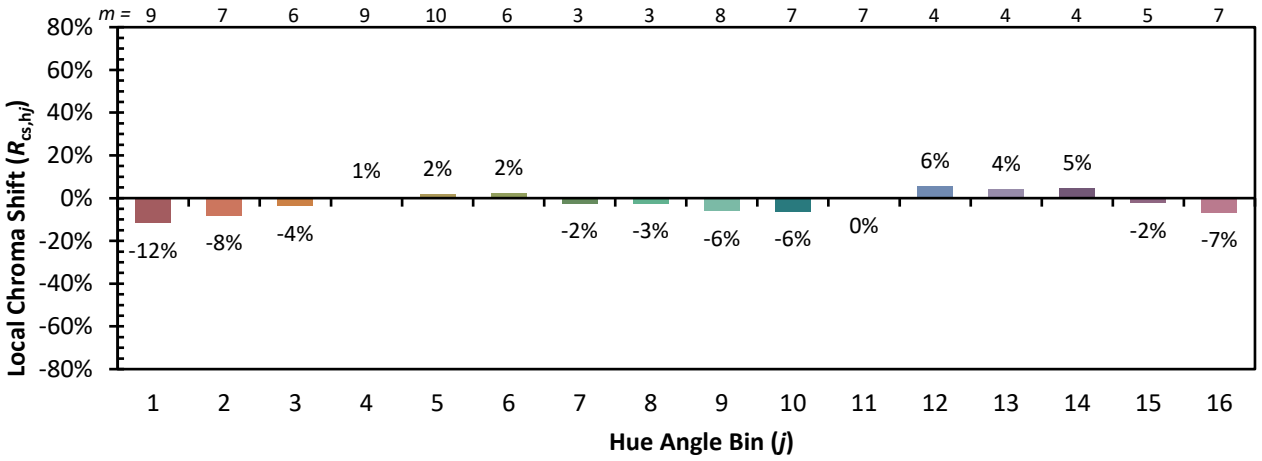
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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

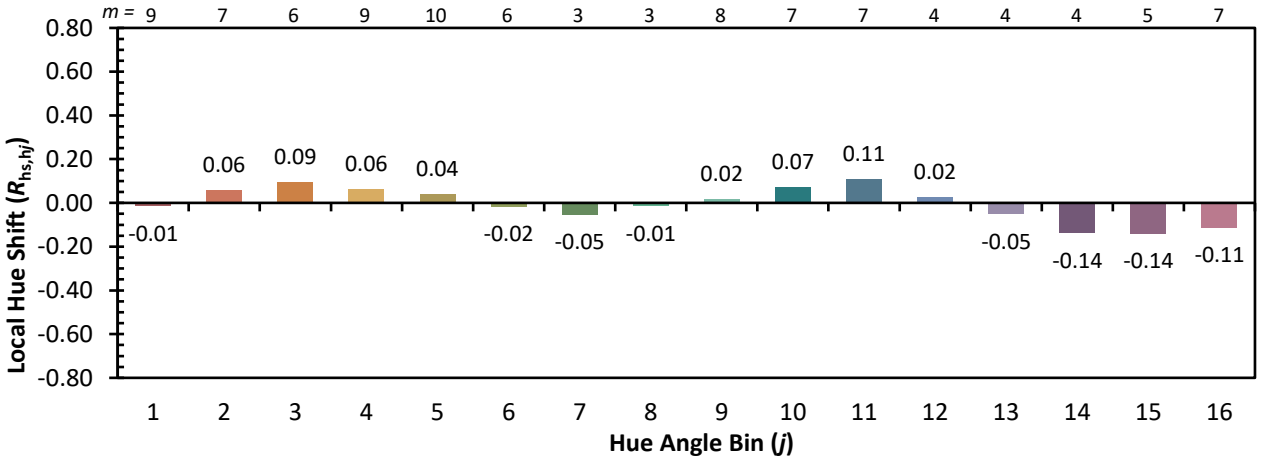


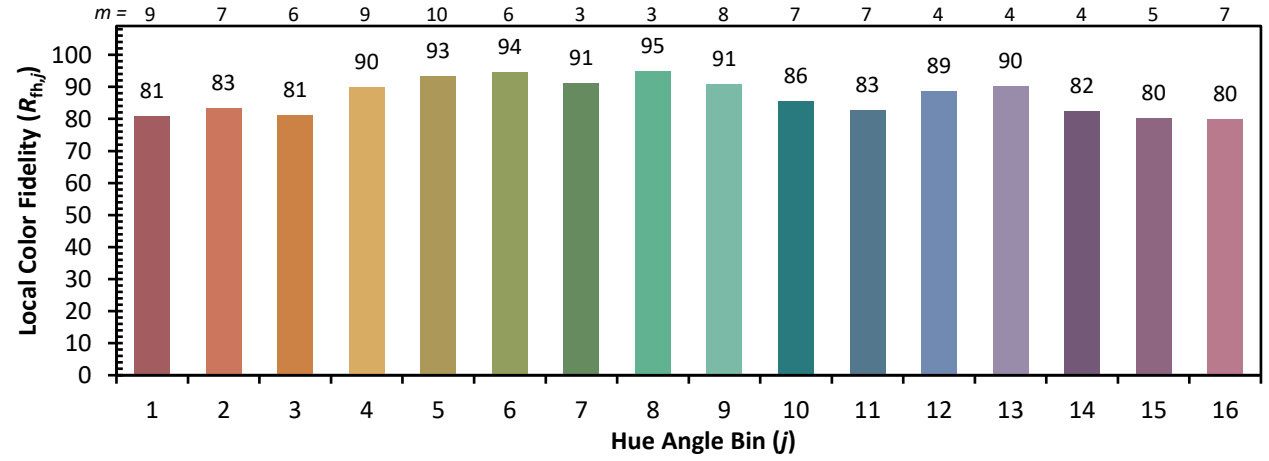
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Color Rendition by Hue-Angle Bin



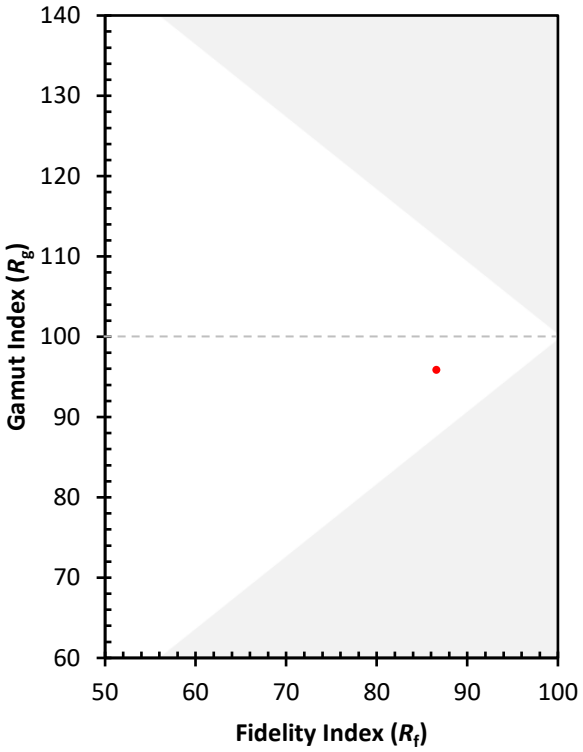


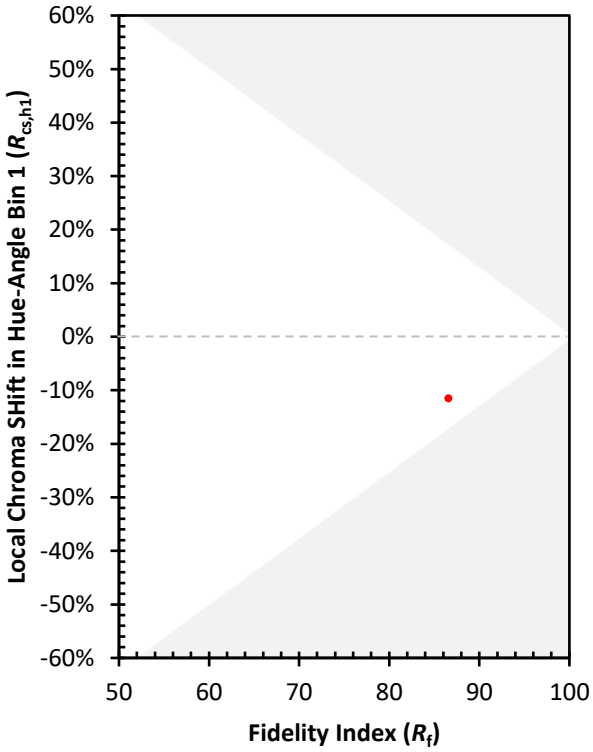


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Measure Comparisons





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