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

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1364911

Luminaire Tested: **GSS-SB1A-722-U-SLL**

Issue Date: 02/18/2026

Report Generated By 670245763

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1364911
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1A-722-U-SLL
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 31W 70CRI 2200K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC
Light Source:	(26) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3193.7 lumens
Efficiency:	N/A
Efficacy:	103.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G1

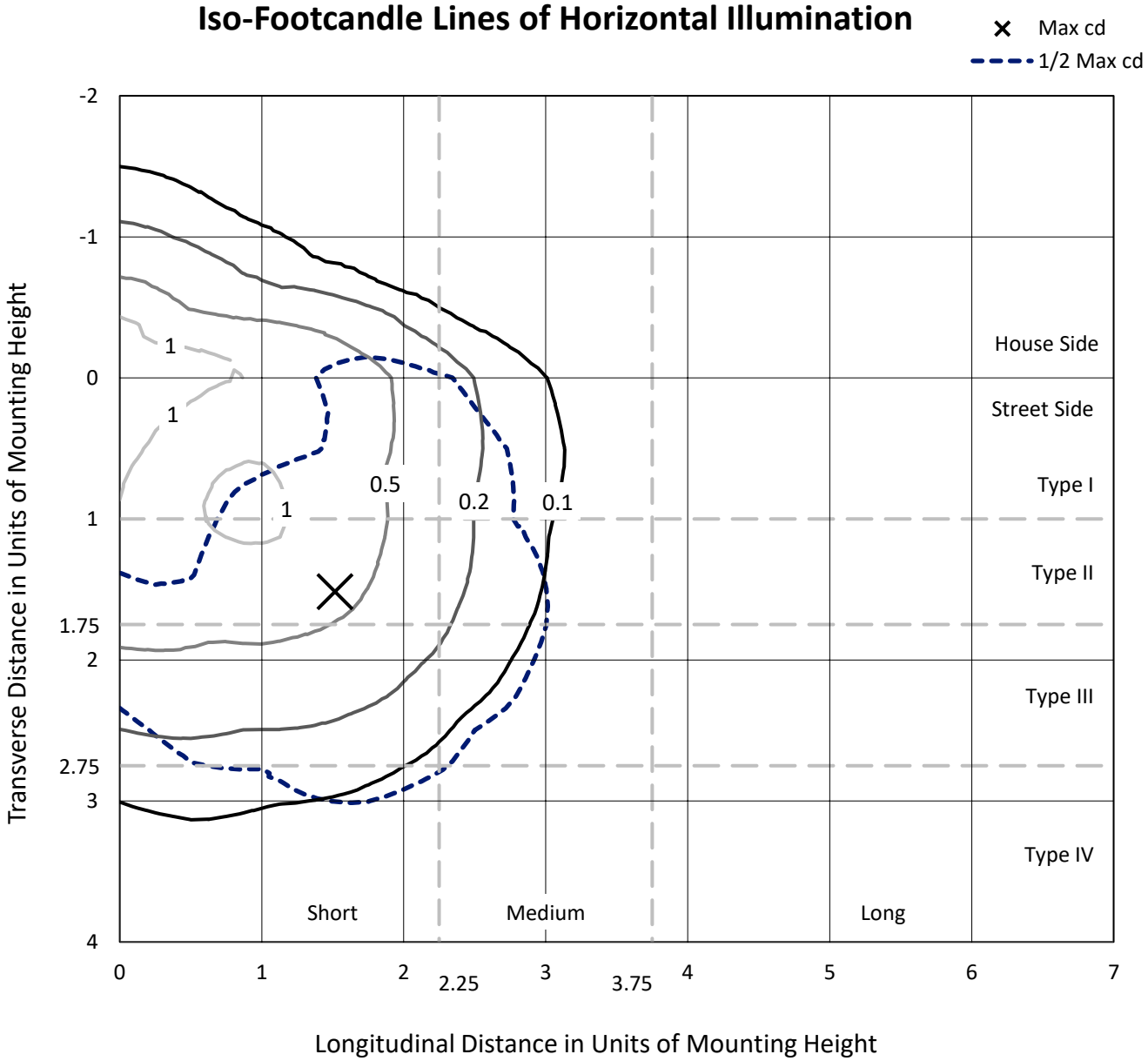
Input Watts (W):	31
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.4%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



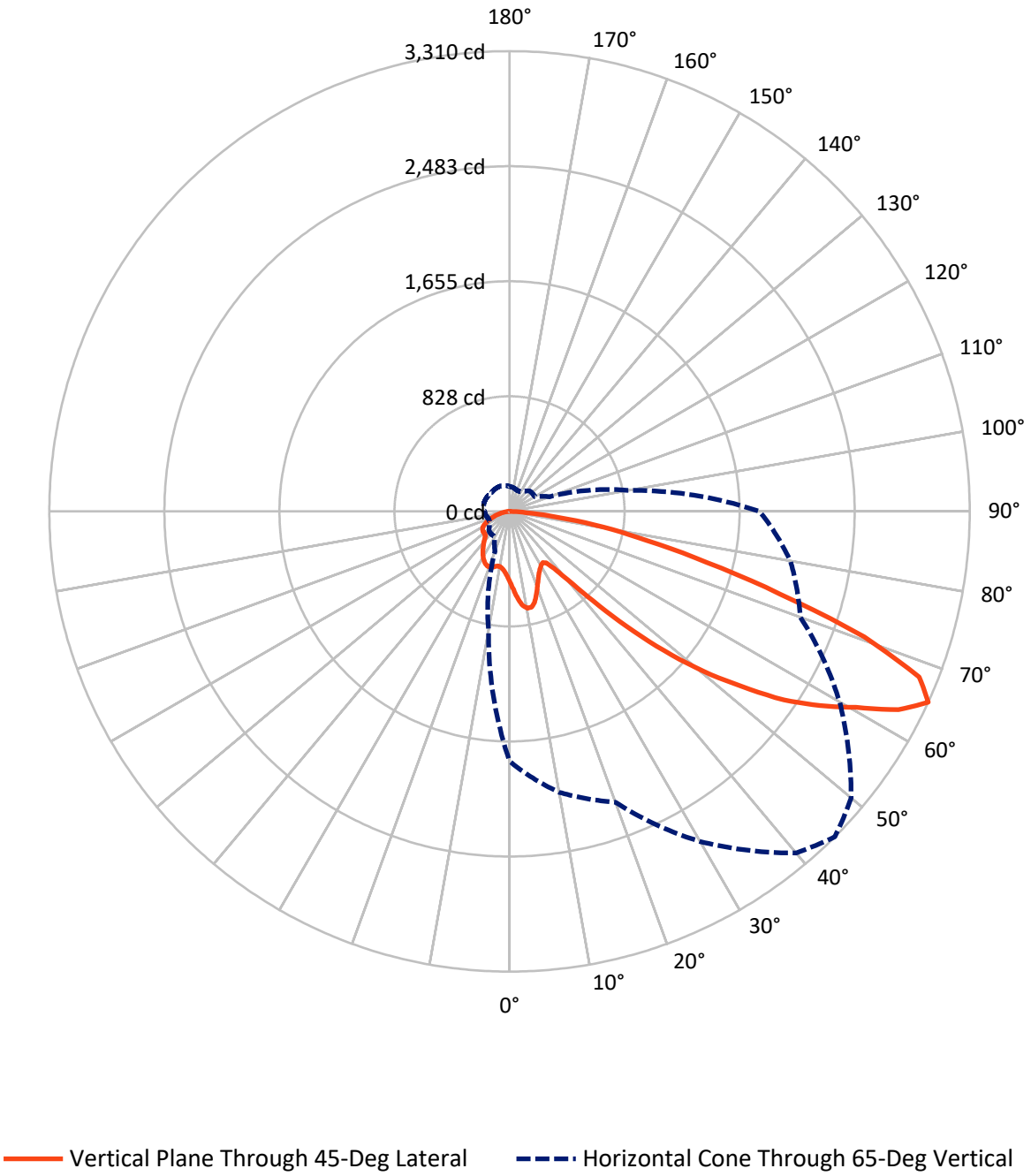
Based on 20 foot mounting height. Maximum calculated value = 1.7 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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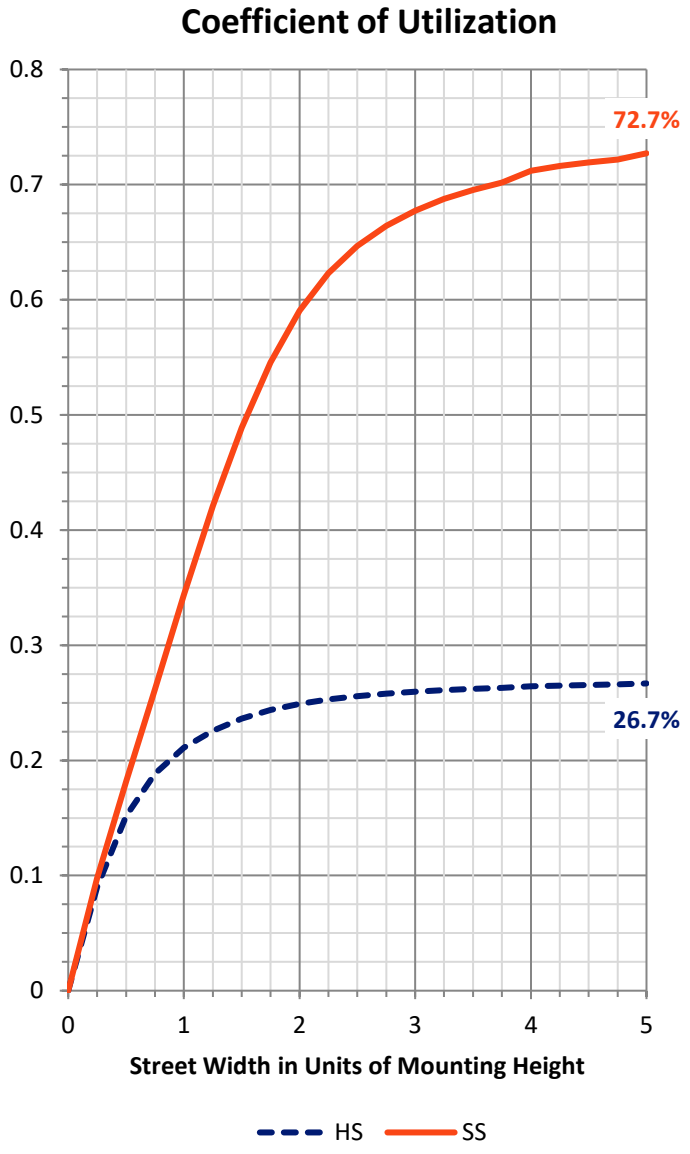
REPORT NUMBER: P1364911
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	859.2	0.0	859.2
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	2334.5	0.0	2334.5
	% Fixture	73.1	0.0	73.1
Total	Lumens	3193.7	0.0	3193.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.3	1.6
10°-20°	154.1	4.8
20°-30°	238.5	7.5
30°-40°	295.9	9.3
40°-50°	432.7	13.5
50°-60°	677.7	21.2
60°-70°	804.2	25.2
70°-80°	469.0	14.7
80°-90°	71.4	2.2
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°	3193.7	100.0
0°-180°	3193.7	100.0



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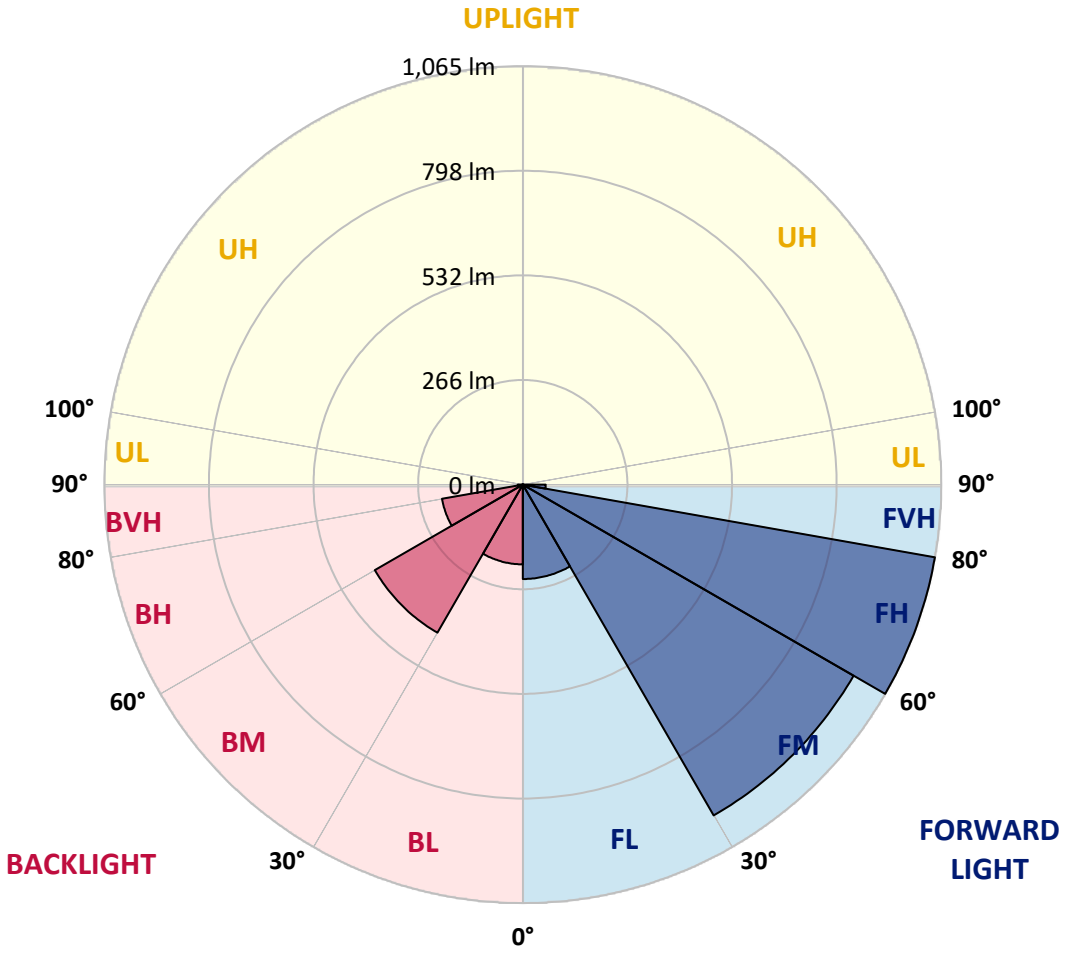
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	240.0	7.5			
FM	(30°-60°)	971.6	30.4			
FH	(60°-80°)	1064.6	33.3			G1/1800
FVH	(80°-90°)	58.4	1.8			G1/100
BL	(0°-30°)	202.8	6.4	B1/500		
BM	(30°-60°)	434.7	13.6	B1/1000		
BH	(60°-80°)	208.7	6.5	B1/500		G1/500
BVH	(80°-90°)	13.0	0.4			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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	*509.2*	509.2
2.5°	550.2	552.2	554.2	556.3	558.5	559.7	561.0	562.3	563.5	*564.7*	563.5
5°	587.7	596.6	605.3	611.2	617.2	621.7	626.2	628.8	631.5	*631.9*	631.5
7.5°	625.6	636.1	646.6	655.6	664.7	670.5	676.2	679.6	683.0	*684.2*	683.0
10°	649.4	661.7	674.0	682.8	691.6	697.0	702.3	705.0	707.6	*708.4*	707.6
12.5°	661.5	673.3	685.1	691.9	698.6	702.1	705.4	706.7	707.8	*706.9*	707.8
15°	667.4	674.4	681.2	684.1	686.9	685.3	683.6	681.2	678.7	*677.2*	678.7
17.5°	669.0	671.4	673.9	668.7	663.5	654.1	644.8	637.7	630.7	*625.6*	630.7
20°	674.0	670.1	666.2	652.3	638.5	620.9	603.4	591.6	579.7	*572.5*	579.7
22.5°	679.5	668.5	657.5	634.1	610.8	586.7	562.7	549.2	535.6	*528.0*	535.6
25°	688.1	669.2	650.2	618.7	587.2	558.9	530.7	516.0	501.3	*492.8*	501.3
27.5°	700.6	671.7	642.8	603.8	564.7	534.1	503.4	489.3	475.3	*467.8*	475.3
30°	718.2	679.8	641.4	594.7	547.9	515.9	483.9	470.1	456.3	*448.3*	456.3
32.5°	739.7	691.2	642.8	590.5	538.1	505.5	472.9	459.7	446.6	*439.7*	446.6
35°	776.0	714.7	653.3	595.3	537.4	507.1	476.8	467.1	457.5	*453.8*	457.5
37.5°	822.1	750.4	678.7	619.0	559.2	538.6	518.0	518.0	518.0	*521.0*	518.0
40°	890.0	809.6	729.1	672.6	616.1	614.8	613.7	626.9	640.1	*645.9*	640.1
42.5°	985.3	900.2	815.3	769.6	724.0	751.4	778.7	816.7	854.6	*879.5*	854.6
45°	1103.6	1020.8	938.0	906.2	874.4	935.2	996.0	1063.1	1130.2	*1177.8*	1130.2
47.5°	1216.9	1147.2	1077.5	1059.3	1041.1	1142.3	1243.4	1341.8	1440.1	*1498.1*	1440.1
50°	1348.1	1285.5	1222.7	1219.2	1215.7	1350.4	1485.2	1612.1	1739.0	*1809.7*	1739.0
52.5°	1516.4	1447.6	1378.7	1381.5	1384.2	1544.2	1704.3	1857.7	2011.2	*2090.9*	2011.2
55°	1717.5	1631.2	1544.9	1544.4	1544.0	1727.8	1911.9	2100.4	2289.1	*2395.5*	2289.1
57.5°	1922.6	1841.7	1760.9	1741.7	1722.4	1914.7	2106.9	2315.1	2523.4	*2635.3*	2523.4
60°	2076.4	2031.9	1987.4	1956.6	1925.9	2123.4	2320.9	2536.0	2751.0	*2862.5*	2751.0
62.5°	2012.8	2092.4	2171.9	2169.7	2167.4	2380.6	2593.7	2817.4	3041.3	*3141.4*	3041.3
65°	*1798.0*	*1924.9*	*2051.8*	*2139.1*	*2226.4*	*2484.1*	*2741.6*	*2974.7*	*3207.8*	*3310.1*	*3207.8*
67.5°	1596.5	1708.3	1820.2	1891.7	1963.2	2253.5	2543.9	2808.3	3072.8	*3178.1*	3072.8
70°	1403.5	1527.4	1651.3	1702.4	1753.5	2000.1	2246.7	2455.9	2665.1	*2706.3*	2665.1
72.5°	1204.8	1352.1	1499.5	1521.1	1542.7	1722.2	1901.7	2013.2	2124.6	*2034.6*	2124.6
75°	986.5	1152.7	1318.8	1333.3	1347.7	1403.6	1459.6	1488.0	1516.4	*1465.2*	1516.4
77.5°	656.1	800.0	943.9	976.3	1008.7	1046.0	1083.3	1081.4	1079.4	*1007.6*	1079.4
80°	385.1	497.6	610.2	614.4	618.6	646.6	674.4	702.9	731.5	*685.8*	731.5
82.5°	192.5	254.3	316.2	325.7	335.2	352.3	369.4	377.4	385.4	*346.8*	385.4
85°	43.7	59.8	75.9	91.5	107.0	125.0	142.9	140.9	138.9	*117.2*	138.9
87.5°	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.3	4.5	*4.7*	4.5
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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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2
2.5°	562.3	561.0	559.7	558.5	556.3	554.2	552.2	550.2	545.3	540.3	535.8
5°	628.8	626.2	621.7	617.2	611.2	605.3	596.6	587.7	578.9	570.2	561.0
7.5°	679.6	676.2	670.5	664.7	655.6	646.6	636.1	625.6	610.8	595.9	582.0
10°	705.0	702.3	697.0	691.6	682.8	674.0	661.7	649.4	631.7	613.9	596.6
12.5°	706.7	705.4	702.1	698.6	691.9	685.1	673.3	661.5	643.9	626.2	606.8
15°	681.2	683.6	685.3	686.9	684.1	681.2	674.4	667.4	649.5	631.7	612.0
17.5°	637.7	644.8	654.1	663.5	668.7	673.9	671.4	669.0	652.3	635.6	614.5
20°	591.6	603.4	620.9	638.5	652.3	666.2	670.1	674.0	657.2	640.3	617.7
22.5°	549.2	562.7	586.7	610.8	634.1	657.5	668.5	679.5	664.0	648.7	623.7
25°	516.0	530.7	558.9	587.2	618.7	650.2	669.2	688.1	674.7	661.4	634.2
27.5°	489.3	503.4	534.1	564.7	603.8	642.8	671.7	700.6	690.4	680.1	649.5
30°	470.1	483.9	515.9	547.9	594.7	641.4	679.8	718.2	710.1	702.2	667.6
32.5°	459.7	472.9	505.5	538.1	590.5	642.8	691.2	739.7	734.7	729.7	689.0
35°	467.1	476.8	507.1	537.4	595.3	653.3	714.7	776.0	769.7	763.5	711.6
37.5°	518.0	518.0	538.6	559.2	619.0	678.7	750.4	822.1	814.6	807.2	739.3
40°	626.9	613.7	614.8	616.1	672.6	729.1	809.6	890.0	875.4	860.7	770.9
42.5°	816.7	778.7	751.4	724.0	769.6	815.3	900.2	985.3	954.4	923.4	805.9
45°	1063.1	996.0	935.2	874.4	906.2	938.0	1020.8	1103.6	1054.0	1004.4	853.4
47.5°	1341.8	1243.4	1142.3	1041.1	1059.3	1077.5	1147.2	1216.9	1154.1	1091.3	902.2
50°	1612.1	1485.2	1350.4	1215.7	1219.2	1222.7	1285.5	1348.1	1263.0	1177.8	944.8
52.5°	1857.7	1704.3	1544.2	1384.2	1381.5	1378.7	1447.6	1516.4	1381.2	1245.9	964.9
55°	2100.4	1911.9	1727.8	1544.0	1544.4	1544.9	1631.2	1717.5	1500.0	1282.5	959.6
57.5°	2315.1	2106.9	1914.7	1722.4	1741.7	1760.9	1841.7	1922.6	1599.7	1277.0	930.6
60°	2536.0	2320.9	2123.4	1925.9	1956.6	1987.4	2031.9	2076.4	1644.4	1212.3	861.2
62.5°	2817.4	2593.7	2380.6	2167.4	2169.7	2171.9	2092.4	2012.8	1545.3	1077.8	747.4
65°	*2974.7*	*2741.6*	*2484.1*	*2226.4*	*2139.1*	*2051.8*	*1924.9*	*1798.0*	*1332.9*	*867.7*	*586.3*
67.5°	2808.3	2543.9	2253.5	1963.2	1891.7	1820.2	1708.3	1596.5	1144.7	692.9	456.2
70°	2455.9	2246.7	2000.1	1753.5	1702.4	1651.3	1527.4	1403.5	972.5	541.4	349.6
72.5°	2013.2	1901.7	1722.2	1542.7	1521.1	1499.5	1352.1	1204.8	807.5	410.2	262.8
75°	1488.0	1459.6	1403.6	1347.7	1333.3	1318.8	1152.7	986.5	644.8	303.0	194.8
77.5°	1081.4	1083.3	1046.0	1008.7	976.3	943.9	800.0	656.1	423.0	190.0	125.9
80°	702.9	674.4	646.6	618.6	614.4	610.2	497.6	385.1	242.5	100.0	69.6
82.5°	377.4	369.4	352.3	335.2	325.7	316.2	254.3	192.5	121.5	50.6	37.4
85°	140.9	142.9	125.0	107.0	91.5	75.9	59.8	43.7	28.9	14.1	11.9
87.5°	4.3	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2
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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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2
2.5°	531.3	526.7	522.1	517.8	513.3	508.9	504.9	500.7	496.6	493.3	490.1
5°	551.8	542.8	533.8	525.3	516.9	508.1	500.5	493.0	485.7	479.6	473.5
7.5°	568.0	555.5	543.0	531.8	520.6	508.9	499.7	490.6	481.5	473.6	465.7
10°	579.1	563.8	548.3	535.4	522.5	510.0	500.3	490.7	481.1	473.0	464.9
12.5°	587.3	570.1	552.8	538.6	524.5	510.8	501.3	493.3	485.4	479.7	474.1
15°	592.2	573.6	554.9	538.9	522.9	507.7	499.2	494.1	488.9	488.5	488.0
17.5°	593.4	572.2	551.0	532.4	513.8	496.0	488.8	488.1	487.4	495.1	502.8
20°	595.0	570.1	545.2	520.6	496.1	472.5	468.0	472.5	476.8	492.0	507.1
22.5°	598.9	568.4	538.0	507.2	476.4	448.3	444.0	450.6	457.1	476.8	496.6
25°	607.0	568.3	529.6	491.2	452.9	420.6	420.2	427.3	434.4	452.7	471.0
27.5°	619.0	569.8	520.6	474.8	429.0	396.0	397.9	404.7	411.6	425.2	438.8
30°	633.0	573.0	513.0	460.5	408.1	376.1	378.2	383.5	388.8	398.6	408.5
32.5°	648.3	576.6	504.9	448.0	391.1	361.6	361.6	363.9	366.2	372.6	379.0
35°	659.8	575.7	491.7	433.8	375.8	353.0	348.2	346.3	344.4	348.7	352.9
37.5°	671.3	573.3	475.3	418.0	360.8	342.9	333.7	328.7	323.5	325.5	327.4
40°	681.1	567.8	454.6	399.2	343.8	329.6	318.0	310.5	303.0	302.9	302.7
42.5°	688.3	558.4	428.4	376.8	325.1	315.2	300.9	291.3	281.8	280.8	279.8
45°	702.3	551.9	401.5	354.0	306.6	297.6	283.4	273.5	263.8	262.3	260.7
47.5°	713.1	544.3	375.5	331.3	287.3	276.9	263.6	255.2	246.8	245.9	244.9
50°	711.7	531.4	351.1	311.2	271.2	257.0	243.8	237.0	230.0	231.2	232.4
52.5°	683.8	505.0	326.3	293.0	259.9	241.7	227.7	222.5	217.3	221.0	224.6
55°	636.7	470.0	303.2	277.9	252.4	234.3	217.8	212.0	206.2	211.4	216.5
57.5°	584.2	433.4	282.6	265.1	247.6	232.4	212.1	203.9	195.9	201.0	206.2
60°	510.0	387.1	264.2	251.9	239.6	227.7	207.4	197.2	187.1	190.5	193.9
62.5°	416.9	328.4	239.8	232.9	226.1	221.0	201.7	188.4	175.1	175.6	175.9
65°	*304.8*	*258.1*	*211.3*	*209.8*	*208.4*	*207.0*	*191.0*	*176.7*	*162.5*	*160.9*	*159.3*
67.5°	219.5	197.3	175.1	179.3	183.4	185.5	174.6	162.0	149.3	146.1	142.9
70°	157.8	150.0	142.2	148.3	154.5	153.9	148.6	141.1	133.6	131.5	129.5
72.5°	115.4	115.3	115.2	119.9	124.6	118.3	121.7	120.0	118.3	116.8	115.4
75°	86.5	86.0	85.5	91.1	96.7	99.2	101.4	100.4	99.6	98.5	97.5
77.5°	61.9	62.3	62.6	68.7	74.8	82.0	82.4	80.4	78.3	77.2	75.9
80°	39.2	39.7	40.0	46.4	52.7	62.9	62.5	60.0	57.4	56.5	55.6
82.5°	24.2	24.3	24.4	27.5	30.6	36.3	37.9	37.9	37.9	37.3	36.7
85°	9.8	10.2	10.8	12.8	14.8	18.0	18.9	19.1	19.1	18.3	17.3
87.5°	3.1	3.3	3.5	3.9	4.3	4.7	5.5	5.9	6.4	6.9	7.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1364911
CATALOG NUMBER: GSS-SB1A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2
2.5°	487.3	484.4	481.0	477.6	475.2	472.7	471.1	469.4	468.6	467.8	467.2
5°	468.5	463.3	458.8	454.2	450.6	446.9	443.9	440.9	439.7	438.3	437.5
7.5°	458.9	452.2	446.6	440.9	435.5	430.2	426.8	423.3	421.3	419.3	417.8
10°	457.8	450.7	443.2	435.8	429.9	424.0	418.8	413.8	410.9	408.1	406.5
12.5°	467.5	461.0	452.1	443.2	435.2	427.2	420.9	414.6	411.0	407.6	405.2
15°	485.7	483.5	475.3	467.1	456.0	444.8	435.7	426.6	421.6	416.5	413.6
17.5°	507.3	511.7	506.0	500.3	484.6	469.0	455.5	442.1	434.7	427.4	424.8
20°	519.1	531.1	530.5	529.9	509.6	489.1	471.4	453.6	443.8	434.1	430.2
22.5°	513.9	531.3	535.7	540.1	520.1	500.0	478.2	456.3	444.7	433.1	429.4
25°	489.6	508.3	516.6	524.9	508.4	491.9	470.7	449.5	437.3	425.0	421.3
27.5°	453.8	468.8	478.1	487.4	477.3	467.2	450.0	432.9	422.1	411.2	407.2
30°	418.6	428.8	436.2	443.6	437.0	430.4	418.0	405.8	397.7	389.7	387.2
32.5°	386.5	394.0	398.2	402.2	397.1	391.9	383.8	375.7	370.7	365.7	364.0
35°	359.0	365.1	368.3	371.4	367.1	362.8	355.5	348.3	344.8	341.2	339.8
37.5°	332.6	337.8	342.3	346.8	343.7	340.5	334.4	328.2	324.0	319.6	317.3
40°	307.7	312.6	318.2	323.7	323.2	322.6	316.7	310.9	304.8	298.8	295.5
42.5°	284.7	289.6	295.5	301.5	302.7	303.8	299.0	294.1	287.0	280.0	275.1
45°	264.9	269.3	275.8	282.3	285.1	287.8	283.4	279.0	271.1	263.2	257.4
47.5°	249.3	253.8	261.0	268.3	271.2	274.1	271.2	268.3	261.5	254.6	249.5
50°	237.3	242.1	247.7	253.5	258.8	264.2	263.6	263.1	257.7	252.3	247.4
52.5°	229.0	233.5	239.4	245.2	250.9	256.6	257.4	258.4	254.5	250.6	246.3
55°	221.9	227.3	232.8	238.2	243.5	248.8	249.9	251.1	248.3	245.4	242.3
57.5°	212.1	217.9	223.4	228.8	235.0	241.2	242.1	243.1	240.1	237.0	234.7
60°	199.9	205.8	211.5	217.1	223.4	229.6	230.9	232.1	229.8	227.4	225.3
62.5°	182.7	189.4	194.1	198.8	204.7	210.7	212.5	214.4	213.3	212.3	209.8
65°	*165.7*	*172.2*	*175.9*	*179.6*	*184.8*	*190.0*	*191.7*	*193.5*	*193.0*	*192.5*	*190.7*
67.5°	148.9	154.8	157.9	160.9	164.4	167.9	170.0	172.0	171.0	169.9	168.0
70°	134.3	139.2	141.8	144.5	147.3	150.1	151.2	152.3	150.7	149.2	145.0
72.5°	119.1	122.8	125.0	127.3	130.0	132.6	133.2	134.0	131.5	129.0	124.1
75°	100.3	103.1	104.8	106.6	109.3	112.1	113.3	114.4	111.0	107.6	102.4
77.5°	78.5	81.1	82.7	84.4	86.6	88.9	89.2	89.7	86.7	83.7	80.6
80°	57.5	59.4	60.0	60.5	62.4	64.2	64.2	64.2	62.0	59.8	58.2
82.5°	36.3	35.9	35.1	34.4	36.2	38.1	38.7	39.4	38.4	37.5	35.8
85°	16.2	15.0	14.8	14.4	14.4	14.2	14.8	15.2	15.0	14.8	14.2
87.5°	7.7	8.0	7.7	7.4	7.1	6.9	6.2	5.6	5.2	4.7	4.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1364911
CATALOG NUMBER: GSS-SB1A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2
2.5°	466.7	466.3	466.7	467.2	467.8	468.6	469.4	471.1	472.7	475.2	477.6
5°	436.6	435.8	436.6	437.5	438.3	439.7	440.9	443.9	446.9	450.6	454.2
7.5°	416.3	415.5	416.3	417.8	419.3	421.3	423.3	426.8	430.2	435.5	440.9
10°	405.0	403.8	405.0	406.5	408.1	410.9	413.8	418.8	424.0	429.9	435.8
12.5°	402.9	401.5	402.9	405.2	407.6	411.0	414.6	420.9	427.2	435.2	443.2
15°	410.7	408.5	410.7	413.6	416.5	421.6	426.6	435.7	444.8	456.0	467.1
17.5°	422.2	421.0	422.2	424.8	427.4	434.7	442.1	455.5	469.0	484.6	500.3
20°	426.3	424.9	426.3	430.2	434.1	443.8	453.6	471.4	489.1	509.6	529.9
22.5°	425.7	424.1	425.7	429.4	433.1	444.7	456.3	478.2	500.0	520.1	540.1
25°	417.5	416.3	417.5	421.3	425.0	437.3	449.5	470.7	491.9	508.4	524.9
27.5°	403.2	400.7	403.2	407.2	411.2	422.1	432.9	450.0	467.2	477.3	487.4
30°	384.7	383.5	384.7	387.2	389.7	397.7	405.8	418.0	430.4	437.0	443.6
32.5°	362.4	361.6	362.4	364.0	365.7	370.7	375.7	383.8	391.9	397.1	402.2
35°	338.6	337.4	338.6	339.8	341.2	344.8	348.3	355.5	362.8	367.1	371.4
37.5°	314.9	313.2	314.9	317.3	319.6	324.0	328.2	334.4	340.5	343.7	346.8
40°	292.3	290.6	292.3	295.5	298.8	304.8	310.9	316.7	322.6	323.2	323.7
42.5°	270.2	267.1	270.2	275.1	280.0	287.0	294.1	299.0	303.8	302.7	301.5
45°	251.5	247.6	251.5	257.4	263.2	271.1	279.0	283.4	287.8	285.1	282.3
47.5°	244.3	240.6	244.3	249.5	254.6	261.5	268.3	271.2	274.1	271.2	268.3
50°	242.5	239.0	242.5	247.4	252.3	257.7	263.1	263.6	264.2	258.8	253.5
52.5°	242.1	239.0	242.1	246.3	250.6	254.5	258.4	257.4	256.6	250.9	245.2
55°	239.2	236.7	239.2	242.3	245.4	248.3	251.1	249.9	248.8	243.5	238.2
57.5°	232.4	231.2	232.4	234.7	237.0	240.1	243.1	242.1	241.2	235.0	228.8
60°	223.0	221.0	223.0	225.3	227.4	229.8	232.1	230.9	229.6	223.4	217.1
62.5°	207.4	204.6	207.4	209.8	212.3	213.3	214.4	212.5	210.7	204.7	198.8
65°	*189.0*	*185.9*	*189.0*	*190.7*	*192.5*	*193.0*	*193.5*	*191.7*	*190.0*	*184.8*	*179.6*
67.5°	166.2	165.6	166.2	168.0	169.9	171.0	172.0	170.0	167.9	164.4	160.9
70°	140.7	135.9	140.7	145.0	149.2	150.7	152.3	151.2	150.1	147.3	144.5
72.5°	119.1	114.0	119.1	124.1	129.0	131.5	134.0	133.2	132.6	130.0	127.3
75°	97.2	93.7	97.2	102.4	107.6	111.0	114.4	113.3	112.1	109.3	106.6
77.5°	77.5	75.8	77.5	80.6	83.7	86.7	89.7	89.2	88.9	86.6	84.4
80°	56.6	55.5	56.6	58.2	59.8	62.0	64.2	64.2	64.2	62.4	60.5
82.5°	34.0	32.8	34.0	35.8	37.5	38.4	39.4	38.7	38.1	36.2	34.4
85°	13.7	13.3	13.7	14.2	14.8	15.0	15.2	14.8	14.2	14.4	14.4
87.5°	4.1	3.9	4.1	4.4	4.7	5.2	5.6	6.2	6.9	7.1	7.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1364911
CATALOG NUMBER: GSS-SB1A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2
2.5°	481.0	484.4	487.3	490.1	493.3	496.6	500.7	504.9	508.9	513.3	517.8
5°	458.8	463.3	468.5	473.5	479.6	485.7	493.0	500.5	508.1	516.9	525.3
7.5°	446.6	452.2	458.9	465.7	473.6	481.5	490.6	499.7	508.9	520.6	531.8
10°	443.2	450.7	457.8	464.9	473.0	481.1	490.7	500.3	510.0	522.5	535.4
12.5°	452.1	461.0	467.5	474.1	479.7	485.4	493.3	501.3	510.8	524.5	538.6
15°	475.3	483.5	485.7	488.0	488.5	488.9	494.1	499.2	507.7	522.9	538.9
17.5°	506.0	511.7	507.3	502.8	495.1	487.4	488.1	488.8	496.0	513.8	532.4
20°	530.5	531.1	519.1	507.1	492.0	476.8	472.5	468.0	472.5	496.1	520.6
22.5°	535.7	531.3	513.9	496.6	476.8	457.1	450.6	444.0	448.3	476.4	507.2
25°	516.6	508.3	489.6	471.0	452.7	434.4	427.3	420.2	420.6	452.9	491.2
27.5°	478.1	468.8	453.8	438.8	425.2	411.6	404.7	397.9	396.0	429.0	474.8
30°	436.2	428.8	418.6	408.5	398.6	388.8	383.5	378.2	376.1	408.1	460.5
32.5°	398.2	394.0	386.5	379.0	372.6	366.2	363.9	361.6	361.6	391.1	448.0
35°	368.3	365.1	359.0	352.9	348.7	344.4	346.3	348.2	353.0	375.8	433.8
37.5°	342.3	337.8	332.6	327.4	325.5	323.5	328.7	333.7	342.9	360.8	418.0
40°	318.2	312.6	307.7	302.7	302.9	303.0	310.5	318.0	329.6	343.8	399.2
42.5°	295.5	289.6	284.7	279.8	280.8	281.8	291.3	300.9	315.2	325.1	376.8
45°	275.8	269.3	264.9	260.7	262.3	263.8	273.5	283.4	297.6	306.6	354.0
47.5°	261.0	253.8	249.3	244.9	245.9	246.8	255.2	263.6	276.9	287.3	331.3
50°	247.7	242.1	237.3	232.4	231.2	230.0	237.0	243.8	257.0	271.2	311.2
52.5°	239.4	233.5	229.0	224.6	221.0	217.3	222.5	227.7	241.7	259.9	293.0
55°	232.8	227.3	221.9	216.5	211.4	206.2	212.0	217.8	234.3	252.4	277.9
57.5°	223.4	217.9	212.1	206.2	201.0	195.9	203.9	212.1	232.4	247.6	265.1
60°	211.5	205.8	199.9	193.9	190.5	187.1	197.2	207.4	227.7	239.6	251.9
62.5°	194.1	189.4	182.7	175.9	175.6	175.1	188.4	201.7	221.0	226.1	232.9
65°	*175.9*	*172.2*	*165.7*	*159.3*	*160.9*	*162.5*	*176.7*	*191.0*	*207.0*	*208.4*	*209.8*
67.5°	157.9	154.8	148.9	142.9	146.1	149.3	162.0	174.6	185.5	183.4	179.3
70°	141.8	139.2	134.3	129.5	131.5	133.6	141.1	148.6	153.9	154.5	148.3
72.5°	125.0	122.8	119.1	115.4	116.8	118.3	120.0	121.7	118.3	124.6	119.9
75°	104.8	103.1	100.3	97.5	98.5	99.6	100.4	101.4	99.2	96.7	91.1
77.5°	82.7	81.1	78.5	75.9	77.2	78.3	80.4	82.4	82.0	74.8	68.7
80°	60.0	59.4	57.5	55.6	56.5	57.4	60.0	62.5	62.9	52.7	46.4
82.5°	35.1	35.9	36.3	36.7	37.3	37.9	37.9	37.9	36.3	30.6	27.5
85°	14.8	15.0	16.2	17.3	18.3	19.1	19.1	18.9	18.0	14.8	12.8
87.5°	7.7	8.0	7.7	7.2	6.9	6.4	5.9	5.5	4.7	4.3	3.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report

REPORT NUMBER: P1364911
CATALOG NUMBER: GSS-SB1A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	509.2	509.2	509.2	509.2	509.2	509.2	509.2
2.5°	522.1	526.7	531.3	535.8	540.3	545.3	550.2
5°	533.8	542.8	551.8	561.0	570.2	578.9	587.7
7.5°	543.0	555.5	568.0	582.0	595.9	610.8	625.6
10°	548.3	563.8	579.1	596.6	613.9	631.7	649.4
12.5°	552.8	570.1	587.3	606.8	626.2	643.9	661.5
15°	554.9	573.6	592.2	612.0	631.7	649.5	667.4
17.5°	551.0	572.2	593.4	614.5	635.6	652.3	669.0
20°	545.2	570.1	595.0	617.7	640.3	657.2	674.0
22.5°	538.0	568.4	598.9	623.7	648.7	664.0	679.5
25°	529.6	568.3	607.0	634.2	661.4	674.7	688.1
27.5°	520.6	569.8	619.0	649.5	680.1	690.4	700.6
30°	513.0	573.0	633.0	667.6	702.2	710.1	718.2
32.5°	504.9	576.6	648.3	689.0	729.7	734.7	739.7
35°	491.7	575.7	659.8	711.6	763.5	769.7	776.0
37.5°	475.3	573.3	671.3	739.3	807.2	814.6	822.1
40°	454.6	567.8	681.1	770.9	860.7	875.4	890.0
42.5°	428.4	558.4	688.3	805.9	923.4	954.4	985.3
45°	401.5	551.9	702.3	853.4	1004.4	1054.0	1103.6
47.5°	375.5	544.3	713.1	902.2	1091.3	1154.1	1216.9
50°	351.1	531.4	711.7	944.8	1177.8	1263.0	1348.1
52.5°	326.3	505.0	683.8	964.9	1245.9	1381.2	1516.4
55°	303.2	470.0	636.7	959.6	1282.5	1500.0	1717.5
57.5°	282.6	433.4	584.2	930.6	1277.0	1599.7	1922.6
60°	264.2	387.1	510.0	861.2	1212.3	1644.4	2076.4
62.5°	239.8	328.4	416.9	747.4	1077.8	1545.3	2012.8
65°	*211.3*	*258.1*	*304.8*	*586.3*	*867.7*	*1332.9*	*1798.0*
67.5°	175.1	197.3	219.5	456.2	692.9	1144.7	1596.5
70°	142.2	150.0	157.8	349.6	541.4	972.5	1403.5
72.5°	115.2	115.3	115.4	262.8	410.2	807.5	1204.8
75°	85.5	86.0	86.5	194.8	303.0	644.8	986.5
77.5°	62.6	62.3	61.9	125.9	190.0	423.0	656.1
80°	40.0	39.7	39.2	69.6	100.0	242.5	385.1
82.5°	24.4	24.3	24.2	37.4	50.6	121.5	192.5
85°	10.8	10.2	9.8	11.9	14.1	28.9	43.7
87.5°	3.5	3.3	3.1	3.2	3.3	3.4	3.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

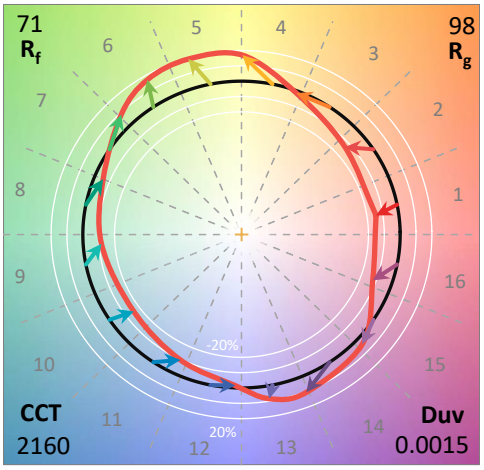
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-2
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-722-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160
CIE u':	0.2927
CIE v':	0.5388
Duv:	0.0015
CIE x:	0.5130
CIE y:	0.4197
CIE z:	0.0674
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	587
Purity:	79.96089
Rf:	70.6
Rg:	97.6

CRI (Ra):	71.9
R1:	68.7
R2:	82.6
R3:	95.5
R4:	66.4
R5:	65.4
R6:	75.9
R7:	77.2
R8:	43.5
R9:	-17.8
R10:	60.5
R11:	60.2
R12:	48.2
R13:	70.7
R14:	96.8
R15:	61.8



Test Conditions

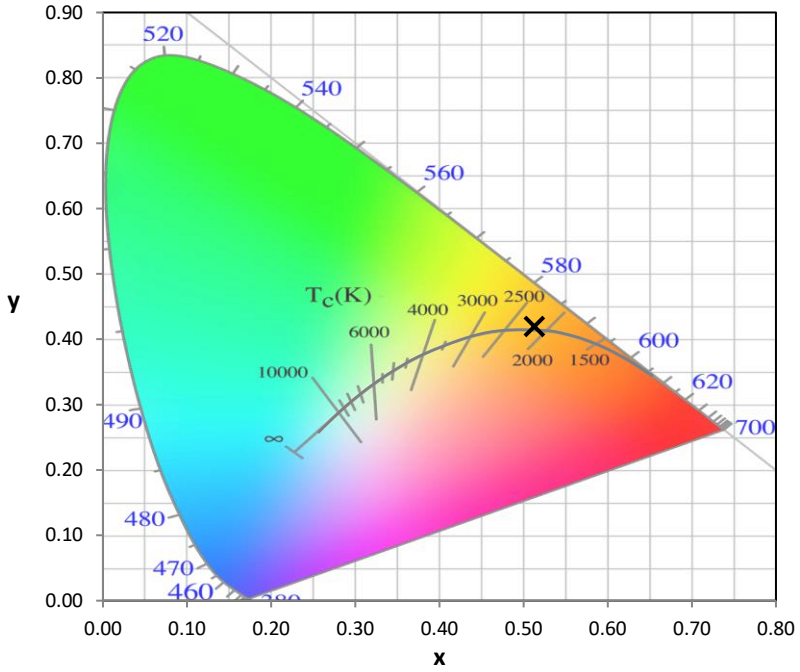
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

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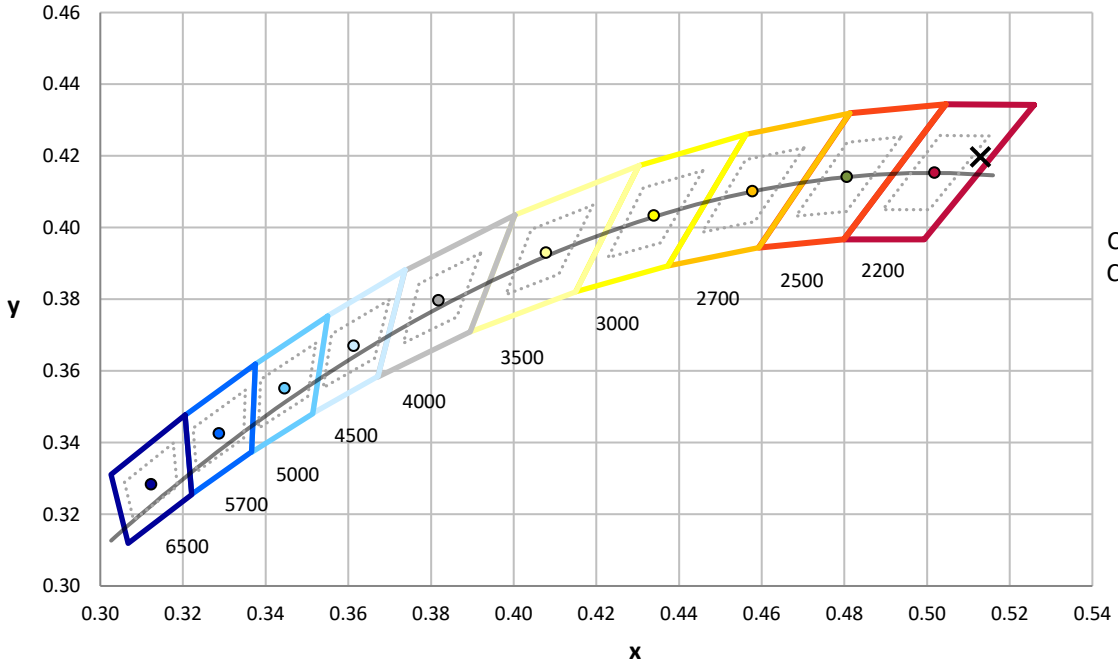
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

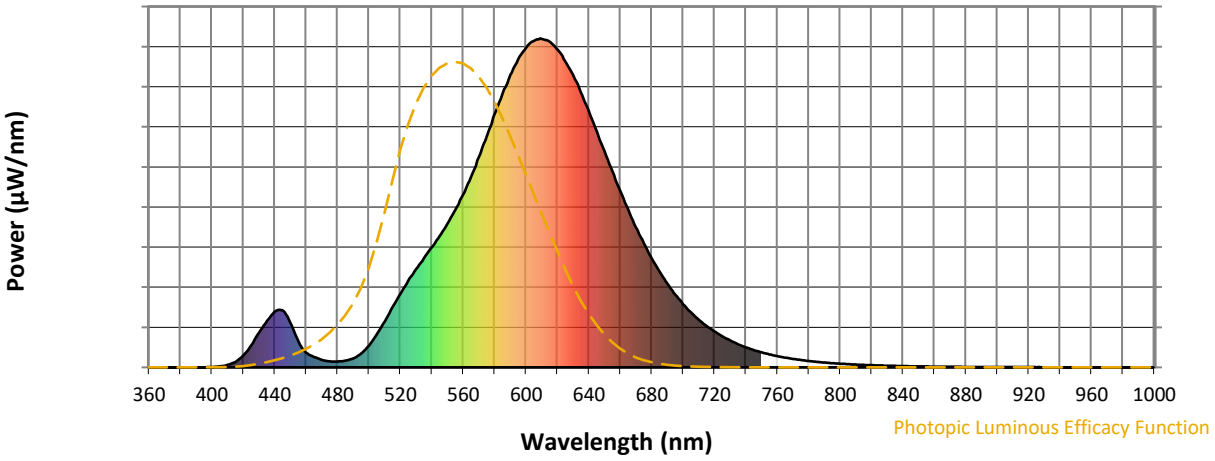


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength

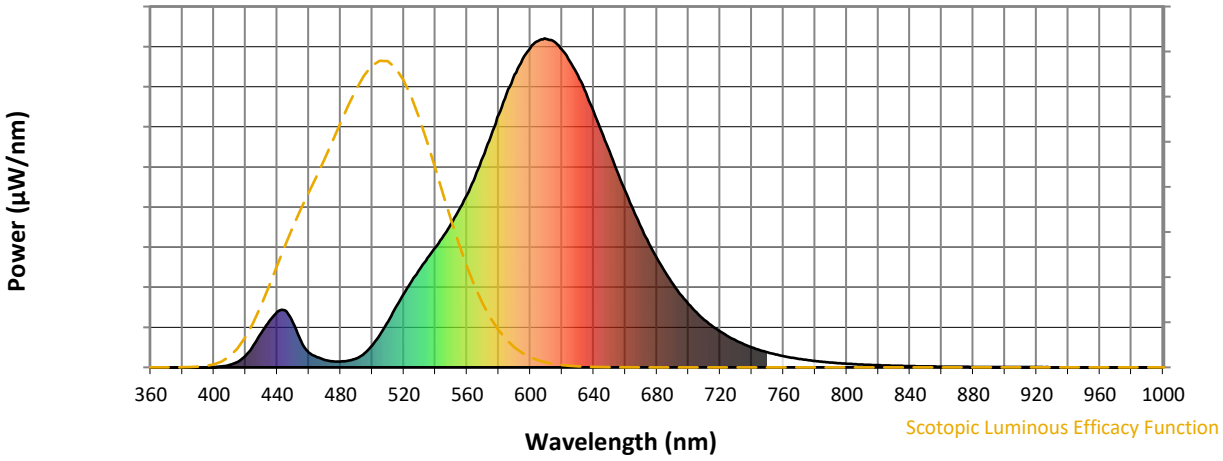


Photopic Lumens: NR

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Scotopic Flux vs. Wavelength

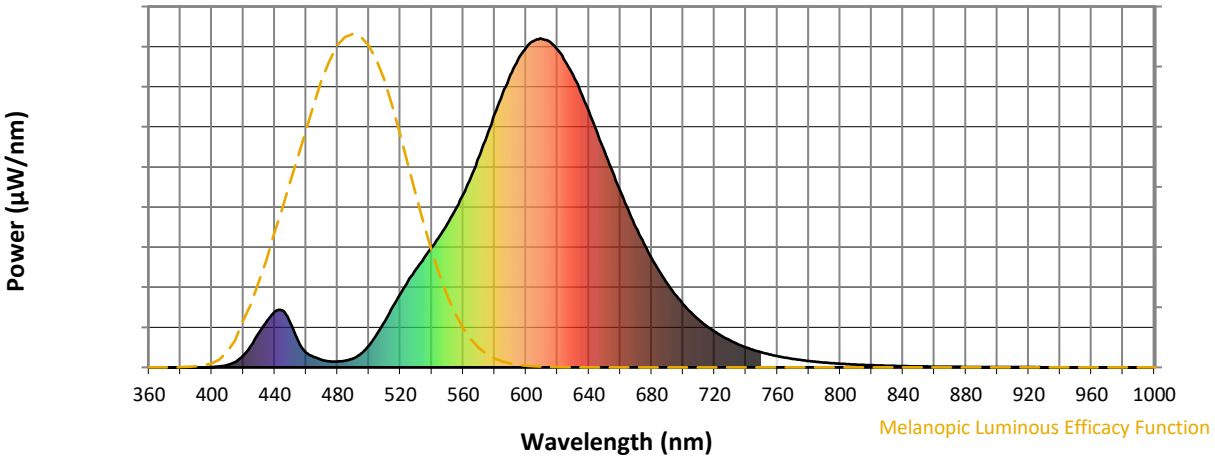


Scotopic Lumens: NR **S/P: 0.8**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.21**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

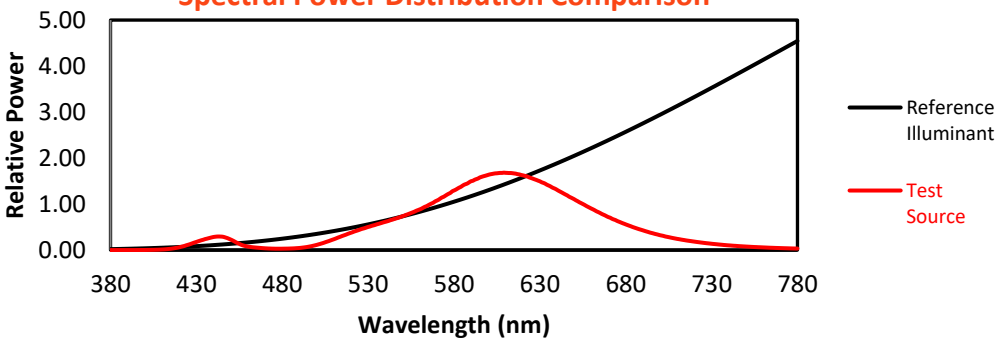
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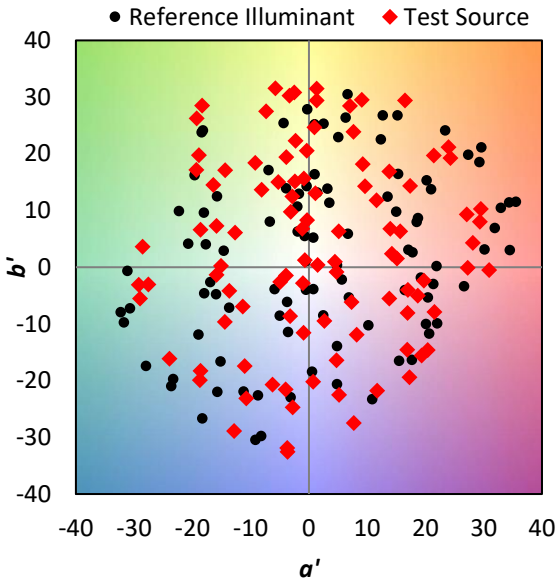
Summary

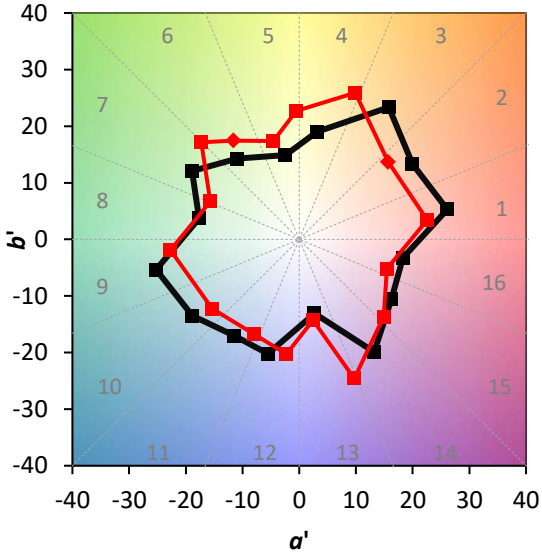
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

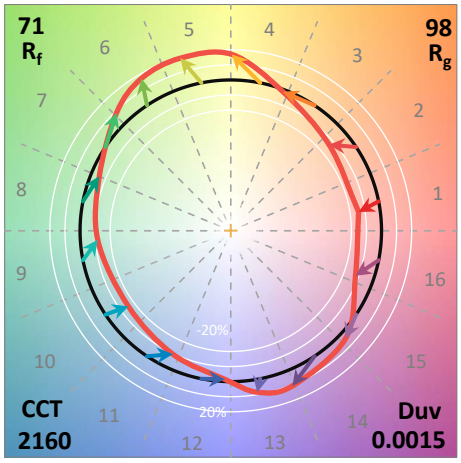
Spectral Power Distribution Comparison

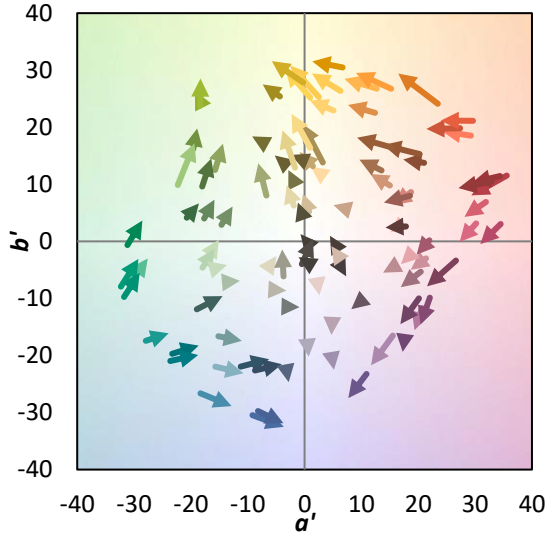


Color Vector Graphics







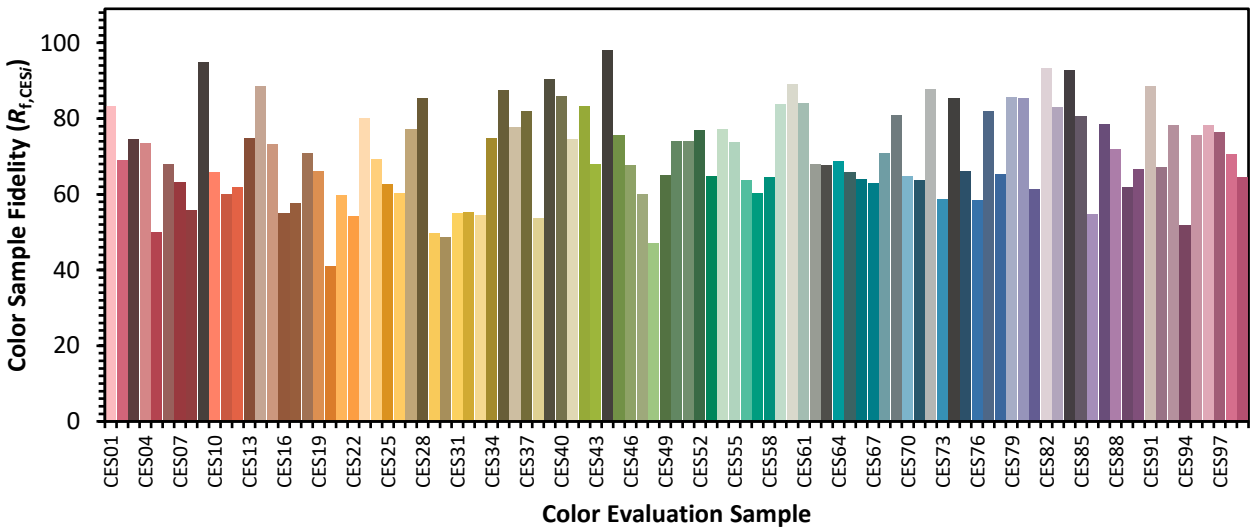


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Individual Sample Fidelity Index ($R_{f,i}$)

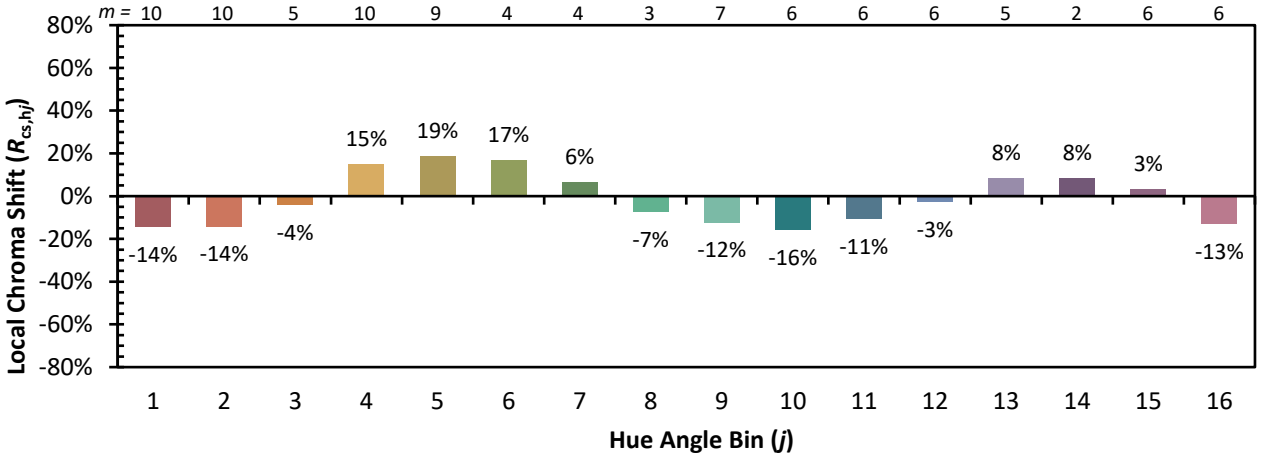
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	

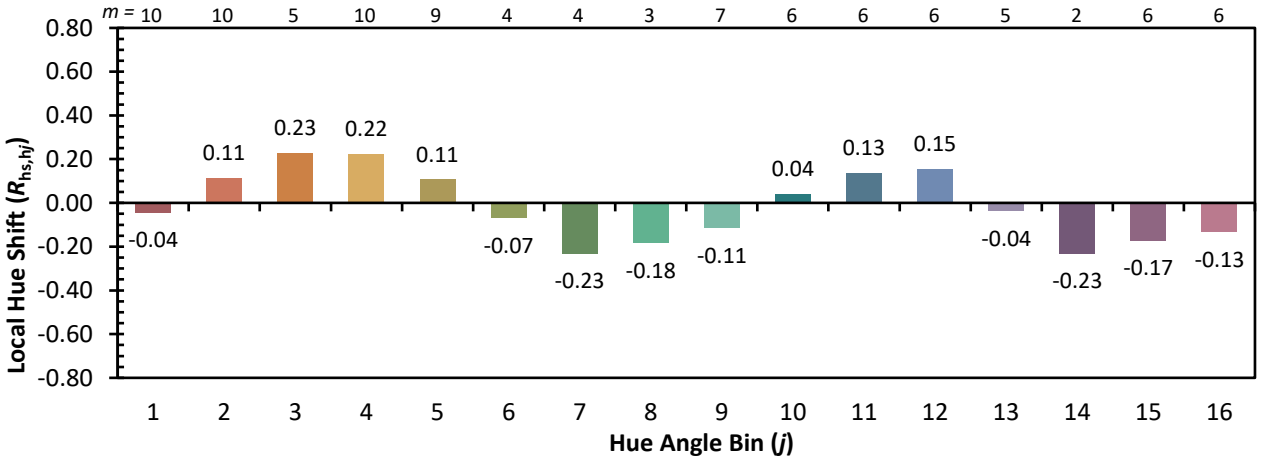


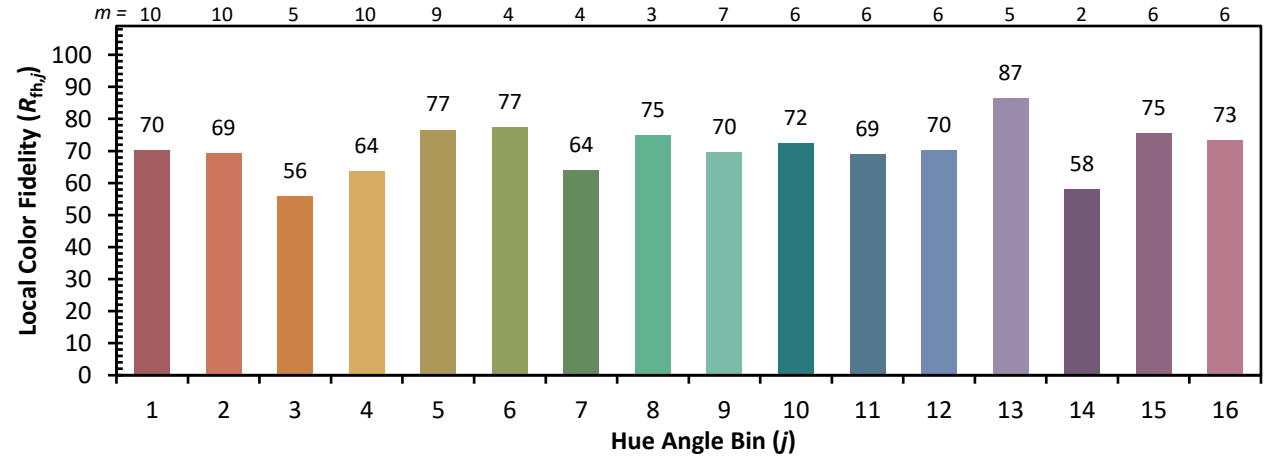
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Color Rendition by Hue-Angle Bin



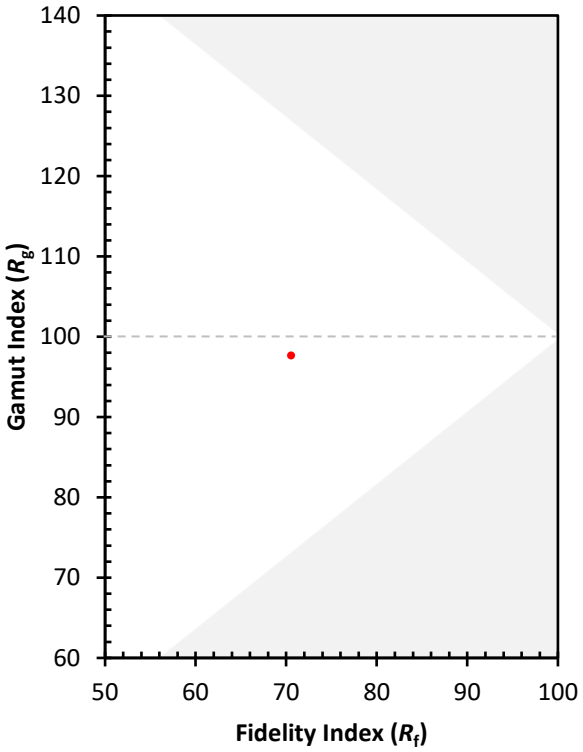


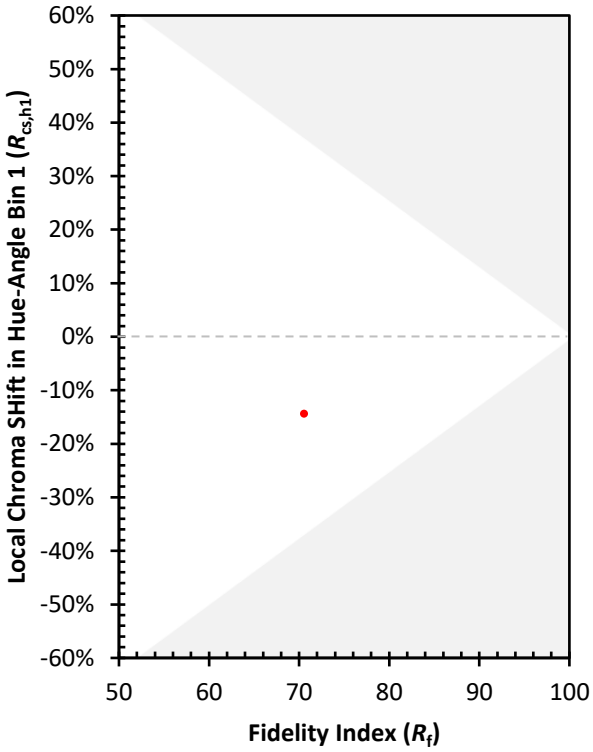


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Measure Comparisons





(END OF REPORT)