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: P1364984

Luminaire Tested: **GSS-SB1B-735-U-SLL**

Issue Date: 02/18/2026

Report Generated By 670245763

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1364984
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1B-735-U-SLL
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 40W 70CRI 3500K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC
Light Source:	(26) 3500K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4868.2 lumens
Efficiency:	N/A
Efficacy:	121.7 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

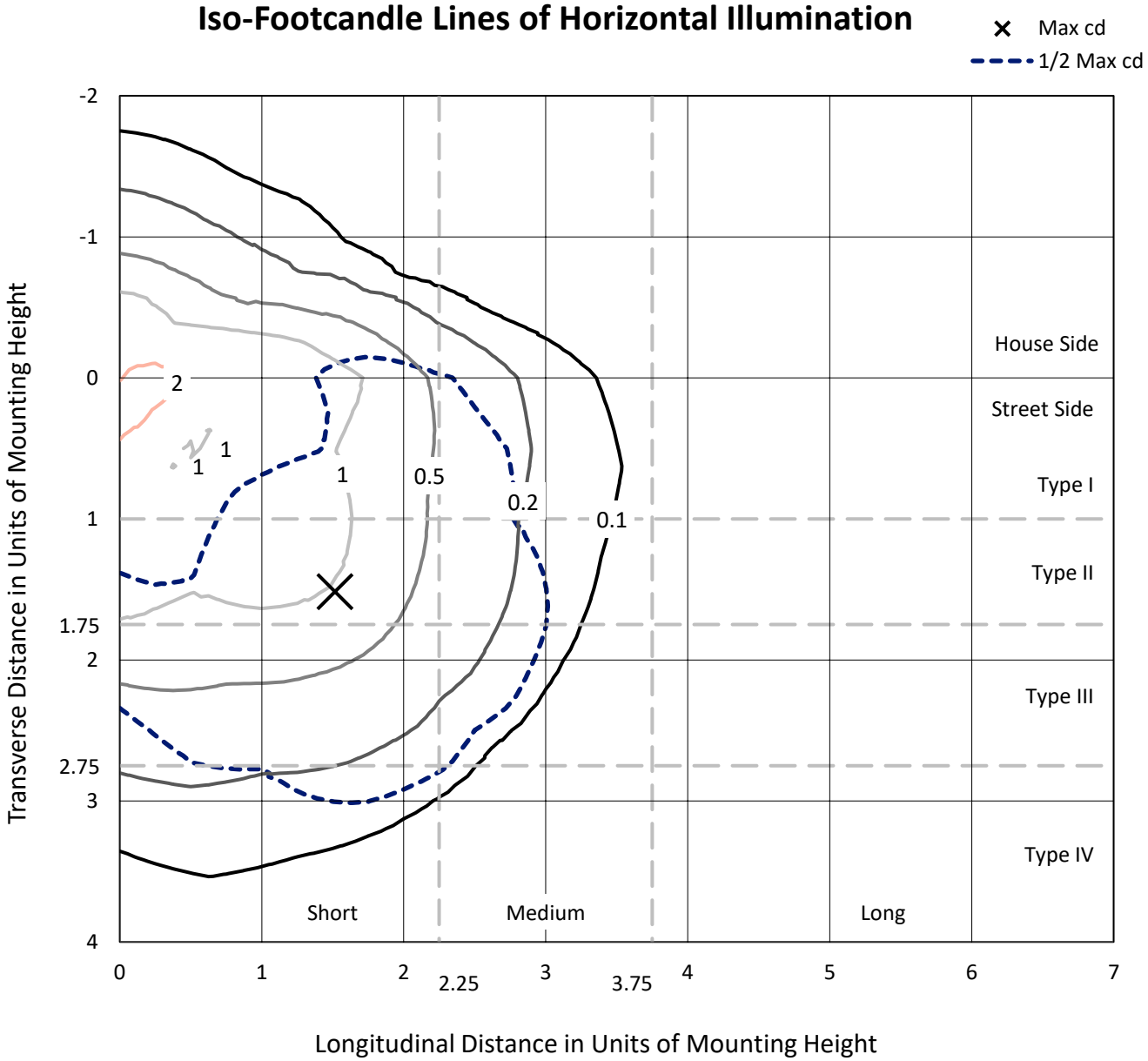
Input Watts (W):	40
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	5.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



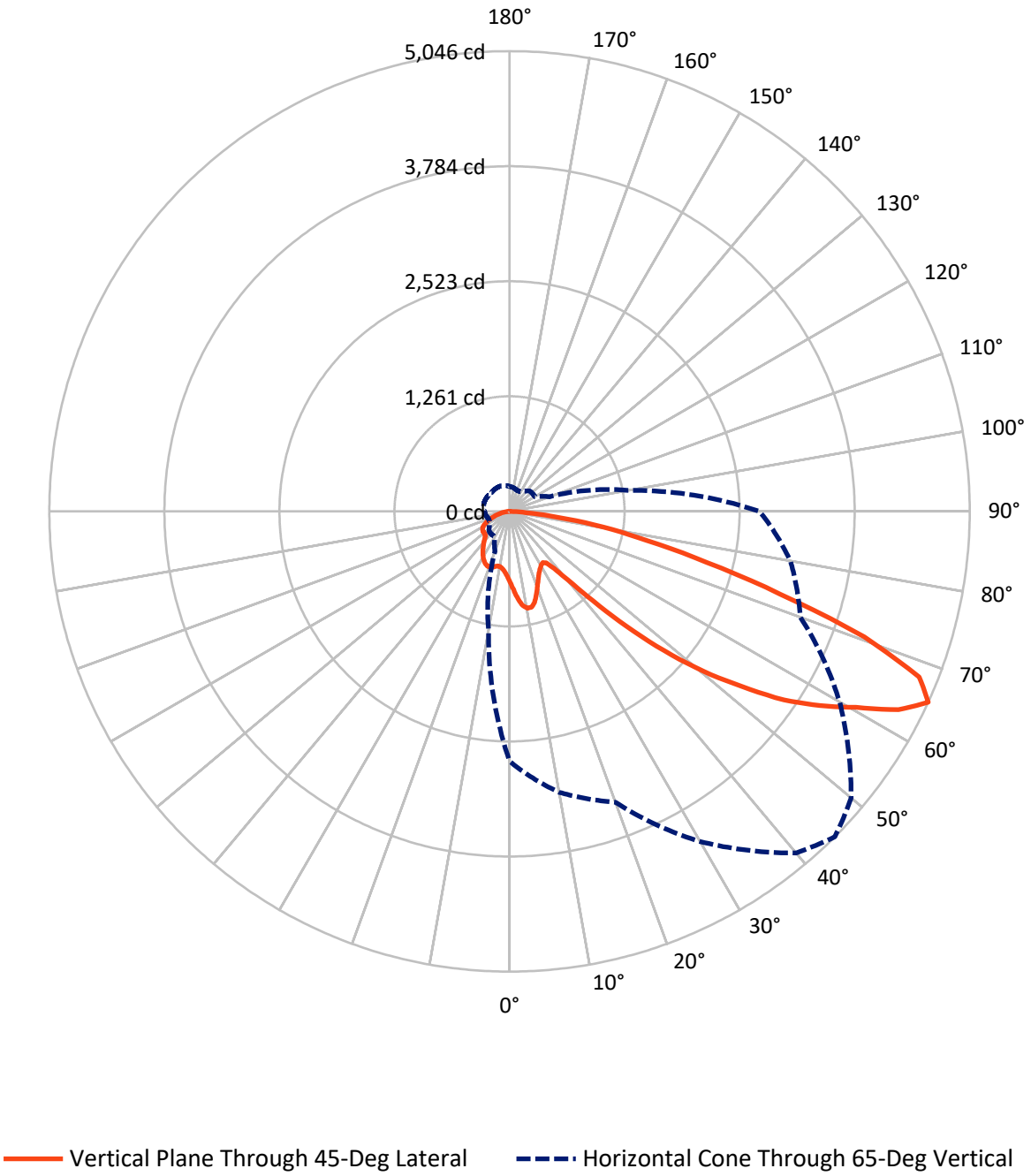
Based on 20 foot mounting height. Maximum calculated value = 2.6 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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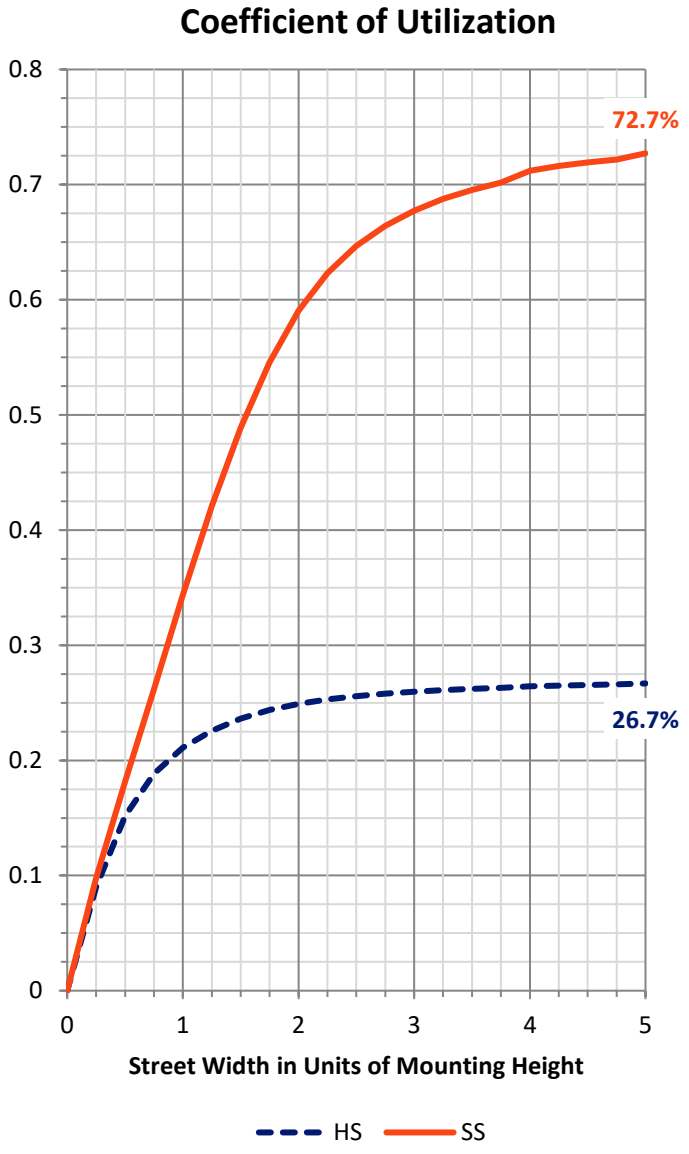
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1309.7	0.0	1309.7
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	3558.6	0.0	3558.6
	% Fixture	73.1	0.0	73.1
Total	Lumens	4868.2	0.0	4868.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.6	1.6
10°-20°	234.9	4.8
20°-30°	363.5	7.5
30°-40°	451.0	9.3
40°-50°	659.5	13.5
50°-60°	1033.1	21.2
60°-70°	1225.8	25.2
70°-80°	715.0	14.7
80°-90°	108.8	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°	4868.2	100.0
0°-180°	4868.2	100.0



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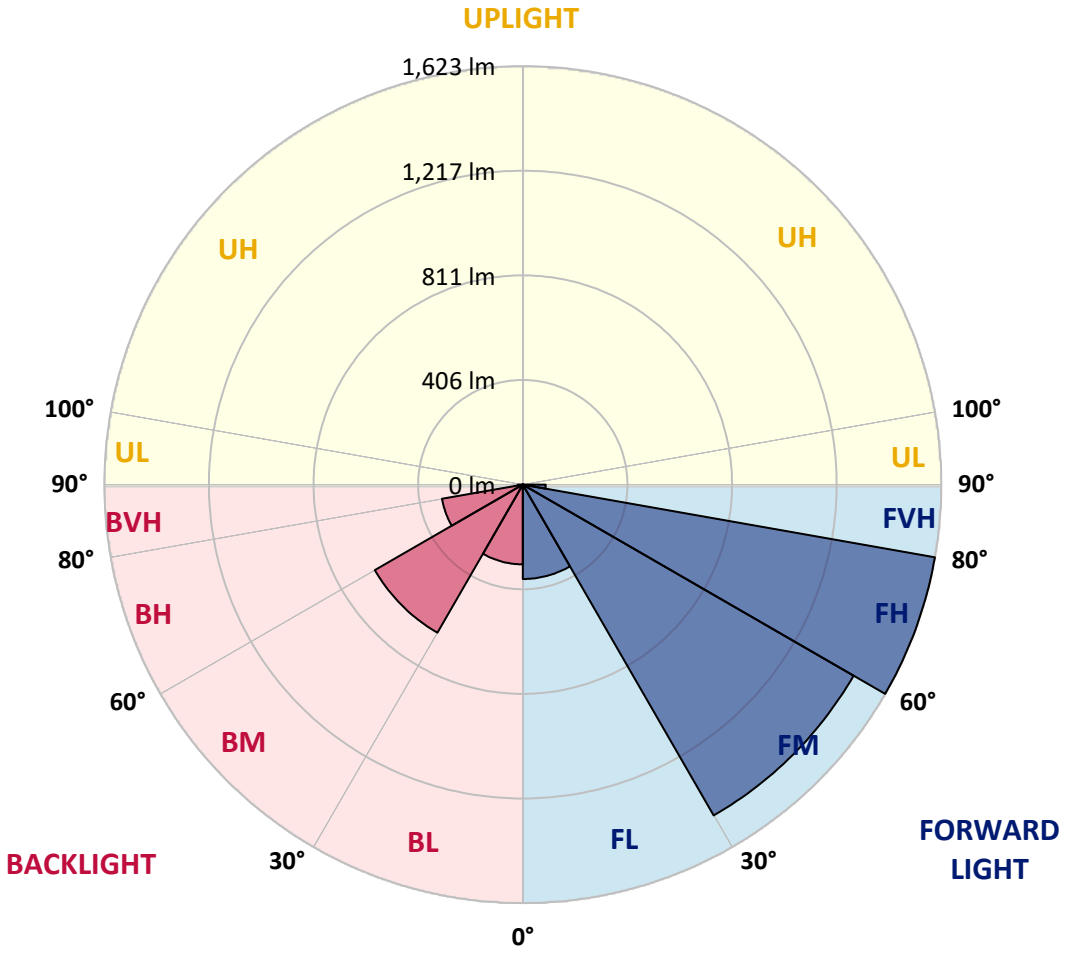
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	365.9	7.5			
FM	(30°-60°)	1481.0	30.4			
FH	(60°-80°)	1622.7	33.3			G1/1800
FVH	(80°-90°)	89.0	1.8			G1/100
BL	(0°-30°)	309.2	6.4	B1/500		
BM	(30°-60°)	662.6	13.6	B1/1000		
BH	(60°-80°)	318.1	6.5	B1/500		G1/500
BVH	(80°-90°)	19.8	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°	776.2	776.2	776.2	776.2	776.2	776.2	776.2	776.2	776.2	*776.2*	776.2
2.5°	838.7	841.7	844.7	847.9	851.2	853.2	855.1	857.1	859.0	*860.8*	859.0
5°	895.9	909.3	922.7	931.7	940.8	947.7	954.6	958.5	962.6	*963.2*	962.6
7.5°	953.6	969.6	985.5	999.4	1013.2	1022.0	1030.8	1035.9	1041.1	*1042.9*	1041.1
10°	990.0	1008.6	1027.5	1040.8	1054.2	1062.5	1070.6	1074.6	1078.6	*1079.8*	1078.6
12.5°	1008.4	1026.4	1044.4	1054.7	1065.0	1070.2	1075.3	1077.2	1078.9	*1077.5*	1078.9
15°	1017.3	1027.9	1038.4	1042.8	1047.1	1044.6	1042.0	1038.3	1034.6	*1032.2*	1034.6
17.5°	1019.7	1023.4	1027.2	1019.2	1011.4	997.1	982.8	972.1	961.4	*953.6*	961.4
20°	1027.5	1021.5	1015.5	994.4	973.3	946.5	919.7	901.7	883.6	*872.7*	883.6
22.5°	1035.8	1019.0	1002.2	966.6	931.0	894.3	857.8	837.1	816.5	*804.8*	816.5
25°	1048.9	1020.1	991.1	943.0	895.1	852.0	809.0	786.5	764.1	*751.2*	764.1
27.5°	1067.9	1023.9	979.8	920.3	860.8	814.1	767.3	745.9	724.5	*713.1*	724.5
30°	1094.7	1036.3	977.7	906.5	835.2	786.4	737.6	716.6	695.5	*683.4*	695.5
32.5°	1127.5	1053.6	979.8	900.1	820.3	770.5	720.9	700.8	680.8	*670.3*	680.8
35°	1182.8	1089.4	995.9	907.4	819.1	772.9	726.8	712.1	697.4	*691.7*	697.4
37.5°	1253.1	1143.9	1034.6	943.5	852.4	821.0	789.6	789.6	789.6	*794.1*	789.6
40°	1356.6	1234.0	1111.4	1025.2	939.1	937.2	935.5	955.5	975.7	*984.6*	975.7
42.5°	1501.9	1372.2	1242.7	1173.2	1103.6	1145.3	1187.0	1244.8	1302.7	*1340.6*	1302.7
45°	1682.3	1556.1	1429.9	1381.3	1332.8	1425.6	1518.2	1620.5	1722.7	*1795.4*	1722.7
47.5°	1854.9	1748.7	1642.4	1614.6	1587.0	1741.2	1895.4	2045.3	2195.2	*2283.5*	2195.2
50°	2054.9	1959.4	1863.8	1858.5	1853.1	2058.5	2263.8	2457.3	2650.8	*2758.5*	2650.8
52.5°	2311.5	2206.6	2101.6	2105.9	2109.9	2353.9	2597.8	2831.7	3065.7	*3187.1*	3065.7
55°	2618.0	2486.5	2354.9	2354.2	2353.5	2633.8	2914.3	3201.7	3489.3	*3651.4*	3489.3
57.5°	2930.6	2807.3	2684.1	2654.8	2625.4	2918.5	3211.5	3528.9	3846.5	*4016.9*	3846.5
60°	3165.1	3097.2	3029.4	2982.5	2935.7	3236.7	3537.7	3865.6	4193.4	*4363.4*	4193.4
62.5°	3068.1	3189.4	3310.7	3307.3	3303.8	3628.7	3953.6	4294.6	4635.8	*4788.4*	4635.8
65°	*2740.7*	*2934.1*	*3127.6*	*3260.7*	*3393.7*	*3786.5*	*4179.1*	*4534.4*	*4889.6*	*5045.6*	*4889.6*
67.5°	2433.5	2604.0	2774.6	2883.5	2992.5	3435.0	3877.7	4280.8	4683.9	*4844.4*	4683.9
70°	2139.4	2328.3	2517.1	2594.9	2672.8	3048.8	3424.6	3743.6	4062.4	*4125.3*	4062.4
72.5°	1836.4	2061.0	2285.6	2318.6	2351.6	2625.2	2898.8	3068.7	3238.6	*3101.4*	3238.6
75°	1503.7	1757.0	2010.3	2032.3	2054.3	2139.6	2224.9	2268.1	2311.5	*2233.5*	2311.5
77.5°	1000.1	1219.4	1438.8	1488.2	1537.6	1594.4	1651.3	1648.3	1645.4	*1535.8*	1645.4
80°	586.9	758.5	930.1	936.5	942.9	985.5	1028.0	1071.5	1115.0	*1045.3*	1115.0
82.5°	293.5	387.6	481.9	496.5	511.0	537.1	563.1	575.3	587.5	*528.6*	587.5
85°	66.7	91.2	115.7	139.4	163.1	190.5	217.9	214.8	211.7	*178.6*	211.7
87.5°	5.4	5.5	5.7	5.8	6.0	6.1	6.2	6.5	6.9	*7.1*	6.9
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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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	776.2	776.2	776.2	776.2	776.2	776.2	776.2	776.2	776.2	776.2	776.2
2.5°	857.1	855.1	853.2	851.2	847.9	844.7	841.7	838.7	831.1	823.6	816.7
5°	958.5	954.6	947.7	940.8	931.7	922.7	909.3	895.9	882.4	869.1	855.1
7.5°	1035.9	1030.8	1022.0	1013.2	999.4	985.5	969.6	953.6	931.0	908.4	887.1
10°	1074.6	1070.6	1062.5	1054.2	1040.8	1027.5	1008.6	990.0	962.9	935.8	909.3
12.5°	1077.2	1075.3	1070.2	1065.0	1054.7	1044.4	1026.4	1008.4	981.5	954.6	924.9
15°	1038.3	1042.0	1044.6	1047.1	1042.8	1038.4	1027.9	1017.3	990.1	962.9	932.8
17.5°	972.1	982.8	997.1	1011.4	1019.2	1027.2	1023.4	1019.7	994.2	968.9	936.7
20°	901.7	919.7	946.5	973.3	994.4	1015.5	1021.5	1027.5	1001.7	976.0	941.5
22.5°	837.1	857.8	894.3	931.0	966.6	1002.2	1019.0	1035.8	1012.2	988.8	950.8
25°	786.5	809.0	852.0	895.1	943.0	991.1	1020.1	1048.9	1028.5	1008.2	966.7
27.5°	745.9	767.3	814.1	860.8	920.3	979.8	1023.9	1067.9	1052.3	1036.7	990.1
30°	716.6	737.6	786.4	835.2	906.5	977.7	1036.3	1094.7	1082.5	1070.3	1017.7
32.5°	700.8	720.9	770.5	820.3	900.1	979.8	1053.6	1127.5	1119.8	1112.2	1050.2
35°	712.1	726.8	772.9	819.1	907.4	995.9	1089.4	1182.8	1173.3	1163.8	1084.7
37.5°	789.6	789.6	821.0	852.4	943.5	1034.6	1143.9	1253.1	1241.8	1230.4	1126.9
40°	955.5	935.5	937.2	939.1	1025.2	1111.4	1234.0	1356.6	1334.4	1312.0	1175.1
42.5°	1244.8	1187.0	1145.3	1103.6	1173.2	1242.7	1372.2	1501.9	1454.7	1407.5	1228.4
45°	1620.5	1518.2	1425.6	1332.8	1381.3	1429.9	1556.1	1682.3	1606.7	1531.1	1300.8
47.5°	2045.3	1895.4	1741.2	1587.0	1614.6	1642.4	1748.7	1854.9	1759.2	1663.4	1375.2
50°	2457.3	2263.8	2058.5	1853.1	1858.5	1863.8	1959.4	2054.9	1925.1	1795.4	1440.1
52.5°	2831.7	2597.8	2353.9	2109.9	2105.9	2101.6	2206.6	2311.5	2105.4	1899.2	1470.8
55°	3201.7	2914.3	2633.8	2353.5	2354.2	2354.9	2486.5	2618.0	2286.5	1954.9	1462.7
57.5°	3528.9	3211.5	2918.5	2625.4	2654.8	2684.1	2807.3	2930.6	2438.5	1946.6	1418.6
60°	3865.6	3537.7	3236.7	2935.7	2982.5	3029.4	3097.2	3165.1	2506.6	1848.0	1312.7
62.5°	4294.6	3953.6	3628.7	3303.8	3307.3	3310.7	3189.4	3068.1	2355.5	1643.0	1139.2
65°	*4534.4*	*4179.1*	*3786.5*	*3393.7*	*3260.7*	*3127.6*	*2934.1*	*2740.7*	*2031.7*	*1322.7*	*893.6*
67.5°	4280.8	3877.7	3435.0	2992.5	2883.5	2774.6	2604.0	2433.5	1744.9	1056.3	695.4
70°	3743.6	3424.6	3048.8	2672.8	2594.9	2517.1	2328.3	2139.4	1482.4	825.3	532.9
72.5°	3068.7	2898.8	2625.2	2351.6	2318.6	2285.6	2061.0	1836.4	1230.9	625.3	400.6
75°	2268.1	2224.9	2139.6	2054.3	2032.3	2010.3	1757.0	1503.7	982.8	461.9	296.9
77.5°	1648.3	1651.3	1594.4	1537.6	1488.2	1438.8	1219.4	1000.1	644.8	289.5	191.9
80°	1071.5	1028.0	985.5	942.9	936.5	930.1	758.5	586.9	369.7	152.4	106.1
82.5°	575.3	563.1	537.1	511.0	496.5	481.9	387.6	293.5	185.3	77.1	57.0
85°	214.8	217.9	190.5	163.1	139.4	115.7	91.2	66.7	44.1	21.4	18.1
87.5°	6.5	6.2	6.1	6.0	5.8	5.7	5.5	5.4	5.2	5.0	4.9
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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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	776.2	776.2	776.2	776.2	776.2	776.2	776.2	776.2	776.2	776.2	776.2
2.5°	809.8	802.9	795.9	789.2	782.4	775.6	769.7	763.3	757.0	752.0	747.1
5°	841.1	827.4	813.7	800.8	787.9	774.5	762.9	751.5	740.3	731.0	721.7
7.5°	865.8	846.7	827.7	810.7	793.5	775.6	761.7	747.8	734.0	722.0	709.8
10°	882.8	859.3	835.8	816.1	796.5	777.4	762.6	747.9	733.4	721.0	708.6
12.5°	895.3	869.0	842.7	821.0	799.5	778.6	764.1	752.0	739.9	731.2	722.7
15°	902.7	874.3	845.9	821.5	797.1	773.9	761.0	753.1	745.3	744.6	743.9
17.5°	904.6	872.2	839.9	811.5	783.1	756.0	745.1	744.0	742.9	754.7	766.5
20°	907.0	869.0	831.0	793.6	756.2	720.3	713.4	720.2	726.8	749.9	772.9
22.5°	912.9	866.5	820.1	773.1	726.2	683.4	676.8	686.8	696.7	726.8	757.0
25°	925.3	866.3	807.2	748.7	690.3	641.1	640.5	651.4	662.2	690.0	717.9
27.5°	943.5	868.5	793.5	723.7	653.9	603.6	606.6	616.9	627.4	648.1	668.9
30°	964.9	873.4	782.0	702.0	622.1	573.3	576.5	584.6	592.7	607.7	622.7
32.5°	988.2	878.9	769.7	682.9	596.2	551.2	551.2	554.7	558.1	567.9	577.7
35°	1005.8	877.6	749.5	661.2	572.9	538.1	530.8	527.9	525.0	531.5	537.9
37.5°	1023.3	873.9	724.5	637.2	550.0	522.7	508.6	501.0	493.1	496.2	499.1
40°	1038.2	865.5	692.9	608.5	524.1	502.4	484.8	473.4	461.9	461.7	461.3
42.5°	1049.1	851.1	653.0	574.3	495.5	480.4	458.6	444.1	429.6	428.0	426.5
45°	1070.6	841.2	611.9	539.6	467.3	453.6	431.9	416.9	402.2	399.8	397.4
47.5°	1087.0	829.7	572.4	505.0	437.9	422.1	401.8	389.1	376.2	374.8	373.2
50°	1084.8	810.1	535.2	474.3	413.4	391.7	371.7	361.2	350.6	352.4	354.2
52.5°	1042.3	769.8	497.4	446.7	396.2	368.5	347.0	339.2	331.2	336.8	342.3
55°	970.5	716.5	462.2	423.6	384.8	357.2	331.9	323.1	314.3	322.2	330.0
57.5°	890.5	660.6	430.7	404.1	377.4	354.2	323.2	310.9	298.6	306.4	314.3
60°	777.4	590.0	402.6	384.0	365.3	347.0	316.1	300.6	285.1	290.4	295.5
62.5°	635.5	500.5	365.5	355.0	344.7	336.9	307.4	287.2	266.9	267.6	268.1
65°	*464.6*	*393.4*	*322.0*	*319.8*	*317.6*	*315.5*	*291.1*	*269.3*	*247.6*	*245.3*	*242.9*
67.5°	334.5	300.7	266.9	273.2	279.5	282.8	266.1	246.9	227.6	222.8	217.9
70°	240.5	228.6	216.7	226.1	235.5	234.5	226.4	215.0	203.6	200.5	197.4
72.5°	176.0	175.7	175.6	182.8	189.9	180.4	185.5	182.9	180.4	178.1	176.0
75°	131.9	131.1	130.4	138.8	147.4	151.2	154.5	153.1	151.8	150.1	148.6
77.5°	94.3	95.0	95.5	104.8	114.1	125.0	125.6	122.5	119.3	117.6	115.7
80°	59.8	60.5	61.0	70.7	80.4	95.8	95.2	91.4	87.5	86.2	84.8
82.5°	36.9	37.0	37.1	41.9	46.7	55.4	57.7	57.7	57.7	56.9	56.0
85°	14.9	15.6	16.4	19.5	22.6	27.4	28.8	29.0	29.2	27.9	26.4
87.5°	4.8	5.0	5.4	6.0	6.5	7.1	8.3	9.0	9.8	10.5	11.0
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: P1364984
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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	776.2	776.2	776.2	776.2	776.2	776.2	776.2	776.2	776.2	776.2	776.2
2.5°	742.8	738.4	733.3	728.0	724.3	720.5	718.0	715.5	714.3	713.1	712.2
5°	714.1	706.2	699.3	692.3	686.8	681.2	676.7	672.1	670.2	668.1	666.8
7.5°	699.6	689.3	680.8	672.1	663.9	655.8	650.5	645.3	642.2	639.1	636.8
10°	697.8	687.0	675.6	664.3	655.3	646.2	638.4	630.8	626.4	622.1	619.7
12.5°	712.7	702.7	689.2	675.6	663.4	651.2	641.6	631.9	626.5	621.2	617.7
15°	740.4	737.0	724.5	712.0	695.0	678.0	664.2	650.3	642.7	634.8	630.4
17.5°	773.3	780.1	771.4	762.6	738.7	714.9	694.3	673.9	662.7	651.5	647.5
20°	791.2	809.6	808.6	807.8	776.7	745.5	718.5	691.5	676.5	661.7	655.8
22.5°	783.4	809.8	816.6	823.3	792.8	762.2	728.9	695.5	677.9	660.2	654.6
25°	746.4	774.8	787.4	800.1	774.9	749.8	717.4	685.2	666.6	647.9	642.2
27.5°	691.7	714.6	728.7	742.9	727.6	712.2	686.0	659.8	643.4	626.8	620.8
30°	638.1	653.6	664.9	676.2	666.1	656.0	637.2	618.5	606.2	594.1	590.3
32.5°	589.2	600.6	606.9	613.1	605.3	597.4	585.0	572.7	565.0	557.4	554.9
35°	547.2	556.6	561.3	566.1	559.6	553.0	541.9	531.0	525.5	520.0	518.0
37.5°	507.1	514.9	521.7	528.6	523.8	519.1	509.7	500.3	493.8	487.2	483.6
40°	469.0	476.5	485.0	493.5	492.7	491.7	482.8	473.8	464.6	455.4	450.5
42.5°	434.0	441.5	450.5	459.6	461.3	463.1	455.7	448.2	437.5	426.8	419.3
45°	403.8	410.5	420.4	430.4	434.6	438.7	432.1	425.3	413.2	401.2	392.3
47.5°	380.0	386.9	397.9	409.0	413.4	417.9	413.4	409.0	398.6	388.1	380.3
50°	361.7	369.1	377.6	386.3	394.6	402.6	401.8	401.0	392.8	384.6	377.2
52.5°	349.1	356.0	364.9	373.8	382.4	391.1	392.4	393.8	387.9	381.9	375.5
55°	338.2	346.5	354.8	363.1	371.2	379.2	381.0	382.8	378.5	374.1	369.3
57.5°	323.2	332.2	340.5	348.8	358.2	367.6	369.1	370.5	366.0	361.3	357.8
60°	304.7	313.7	322.4	331.0	340.5	350.0	351.9	353.8	350.3	346.7	343.4
62.5°	278.5	288.7	295.9	303.0	312.0	321.2	324.0	326.8	325.1	323.6	319.8
65°	*252.6*	*262.5*	*268.1*	*273.8*	*281.7*	*289.5*	*292.3*	*295.0*	*294.2*	*293.5*	*290.7*
67.5°	226.9	236.0	240.6	245.3	250.6	256.0	259.1	262.2	260.6	258.9	256.1
70°	204.8	212.2	216.2	220.3	224.5	228.8	230.5	232.2	229.8	227.4	221.0
72.5°	181.6	187.2	190.6	194.1	198.1	202.2	203.1	204.2	200.5	196.7	189.2
75°	152.9	157.2	159.8	162.5	166.7	170.8	172.6	174.4	169.2	164.1	156.1
77.5°	119.7	123.6	126.1	128.6	132.0	135.5	136.0	136.7	132.2	127.6	122.9
80°	87.6	90.5	91.4	92.3	95.1	97.9	97.9	97.9	94.5	91.1	88.7
82.5°	55.4	54.8	53.6	52.4	55.2	58.1	59.1	60.1	58.6	57.1	54.5
85°	24.8	22.9	22.5	22.0	21.9	21.7	22.5	23.2	22.9	22.6	21.7
87.5°	11.7	12.1	11.8	11.3	10.8	10.5	9.5	8.6	7.9	7.1	6.7
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: P1364984
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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	776.2	776.2	776.2	776.2	776.2	776.2	776.2	776.2	776.2	776.2	776.2
2.5°	711.4	710.8	711.4	712.2	713.1	714.3	715.5	718.0	720.5	724.3	728.0
5°	665.5	664.3	665.5	666.8	668.1	670.2	672.1	676.7	681.2	686.8	692.3
7.5°	634.6	633.4	634.6	636.8	639.1	642.2	645.3	650.5	655.8	663.9	672.1
10°	617.3	615.5	617.3	619.7	622.1	626.4	630.8	638.4	646.2	655.3	664.3
12.5°	614.1	611.9	614.1	617.7	621.2	626.5	631.9	641.6	651.2	663.4	675.6
15°	626.0	622.7	626.0	630.4	634.8	642.7	650.3	664.2	678.0	695.0	712.0
17.5°	643.5	641.7	643.5	647.5	651.5	662.7	673.9	694.3	714.9	738.7	762.6
20°	649.8	647.7	649.8	655.8	661.7	676.5	691.5	718.5	745.5	776.7	807.8
22.5°	648.9	646.5	648.9	654.6	660.2	677.9	695.5	728.9	762.2	792.8	823.3
25°	636.4	634.6	636.4	642.2	647.9	666.6	685.2	717.4	749.8	774.9	800.1
27.5°	614.6	610.8	614.6	620.8	626.8	643.4	659.8	686.0	712.2	727.6	742.9
30°	586.4	584.6	586.4	590.3	594.1	606.2	618.5	637.2	656.0	666.1	676.2
32.5°	552.4	551.2	552.4	554.9	557.4	565.0	572.7	585.0	597.4	605.3	613.1
35°	516.1	514.3	516.1	518.0	520.0	525.5	531.0	541.9	553.0	559.6	566.1
37.5°	480.0	477.4	480.0	483.6	487.2	493.8	500.3	509.7	519.1	523.8	528.6
40°	445.5	442.9	445.5	450.5	455.4	464.6	473.8	482.8	491.7	492.7	493.5
42.5°	411.9	407.2	411.9	419.3	426.8	437.5	448.2	455.7	463.1	461.3	459.6
45°	383.4	377.4	383.4	392.3	401.2	413.2	425.3	432.1	438.7	434.6	430.4
47.5°	372.4	366.7	372.4	380.3	388.1	398.6	409.0	413.4	417.9	413.4	409.0
50°	369.7	364.3	369.7	377.2	384.6	392.8	401.0	401.8	402.6	394.6	386.3
52.5°	369.1	364.3	369.1	375.5	381.9	387.9	393.8	392.4	391.1	382.4	373.8
55°	364.5	360.7	364.5	369.3	374.1	378.5	382.8	381.0	379.2	371.2	363.1
57.5°	354.2	352.4	354.2	357.8	361.3	366.0	370.5	369.1	367.6	358.2	348.8
60°	339.9	336.9	339.9	343.4	346.7	350.3	353.8	351.9	350.0	340.5	331.0
62.5°	316.1	311.9	316.1	319.8	323.6	325.1	326.8	324.0	321.2	312.0	303.0
65°	*288.1*	*283.4*	*288.1*	*290.7*	*293.5*	*294.2*	*295.0*	*292.3*	*289.5*	*281.7*	*273.8*
67.5°	253.4	252.4	253.4	256.1	258.9	260.6	262.2	259.1	256.0	250.6	245.3
70°	214.5	207.2	214.5	221.0	227.4	229.8	232.2	230.5	228.8	224.5	220.3
72.5°	181.6	173.8	181.6	189.2	196.7	200.5	204.2	203.1	202.2	198.1	194.1
75°	148.2	142.9	148.2	156.1	164.1	169.2	174.4	172.6	170.8	166.7	162.5
77.5°	118.1	115.5	118.1	122.9	127.6	132.2	136.7	136.0	135.5	132.0	128.6
80°	86.3	84.5	86.3	88.7	91.1	94.5	97.9	97.9	97.9	95.1	92.3
82.5°	51.8	50.0	51.8	54.5	57.1	58.6	60.1	59.1	58.1	55.2	52.4
85°	20.8	20.2	20.8	21.7	22.6	22.9	23.2	22.5	21.7	21.9	22.0
87.5°	6.2	6.0	6.2	6.7	7.1	7.9	8.6	9.5	10.5	10.8	11.3
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: P1364984
CATALOG NUMBER: GSS-SB1B-735-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	776.2	776.2	776.2	776.2	776.2	776.2	776.2	776.2	776.2	776.2	776.2
2.5°	733.3	738.4	742.8	747.1	752.0	757.0	763.3	769.7	775.6	782.4	789.2
5°	699.3	706.2	714.1	721.7	731.0	740.3	751.5	762.9	774.5	787.9	800.8
7.5°	680.8	689.3	699.6	709.8	722.0	734.0	747.8	761.7	775.6	793.5	810.7
10°	675.6	687.0	697.8	708.6	721.0	733.4	747.9	762.6	777.4	796.5	816.1
12.5°	689.2	702.7	712.7	722.7	731.2	739.9	752.0	764.1	778.6	799.5	821.0
15°	724.5	737.0	740.4	743.9	744.6	745.3	753.1	761.0	773.9	797.1	821.5
17.5°	771.4	780.1	773.3	766.5	754.7	742.9	744.0	745.1	756.0	783.1	811.5
20°	808.6	809.6	791.2	772.9	749.9	726.8	720.2	713.4	720.3	756.2	793.6
22.5°	816.6	809.8	783.4	757.0	726.8	696.7	686.8	676.8	683.4	726.2	773.1
25°	787.4	774.8	746.4	717.9	690.0	662.2	651.4	640.5	641.1	690.3	748.7
27.5°	728.7	714.6	691.7	668.9	648.1	627.4	616.9	606.6	603.6	653.9	723.7
30°	664.9	653.6	638.1	622.7	607.7	592.7	584.6	576.5	573.3	622.1	702.0
32.5°	606.9	600.6	589.2	577.7	567.9	558.1	554.7	551.2	551.2	596.2	682.9
35°	561.3	556.6	547.2	537.9	531.5	525.0	527.9	530.8	538.1	572.9	661.2
37.5°	521.7	514.9	507.1	499.1	496.2	493.1	501.0	508.6	522.7	550.0	637.2
40°	485.0	476.5	469.0	461.3	461.7	461.9	473.4	484.8	502.4	524.1	608.5
42.5°	450.5	441.5	434.0	426.5	428.0	429.6	444.1	458.6	480.4	495.5	574.3
45°	420.4	410.5	403.8	397.4	399.8	402.2	416.9	431.9	453.6	467.3	539.6
47.5°	397.9	386.9	380.0	373.2	374.8	376.2	389.1	401.8	422.1	437.9	505.0
50°	377.6	369.1	361.7	354.2	352.4	350.6	361.2	371.7	391.7	413.4	474.3
52.5°	364.9	356.0	349.1	342.3	336.8	331.2	339.2	347.0	368.5	396.2	446.7
55°	354.8	346.5	338.2	330.0	322.2	314.3	323.1	331.9	357.2	384.8	423.6
57.5°	340.5	332.2	323.2	314.3	306.4	298.6	310.9	323.2	354.2	377.4	404.1
60°	322.4	313.7	304.7	295.5	290.4	285.1	300.6	316.1	347.0	365.3	384.0
62.5°	295.9	288.7	278.5	268.1	267.6	266.9	287.2	307.4	336.9	344.7	355.0
65°	*268.1*	*262.5*	*252.6*	*242.9*	*245.3*	*247.6*	*269.3*	*291.1*	*315.5*	*317.6*	*319.8*
67.5°	240.6	236.0	226.9	217.9	222.8	227.6	246.9	266.1	282.8	279.5	273.2
70°	216.2	212.2	204.8	197.4	200.5	203.6	215.0	226.4	234.5	235.5	226.1
72.5°	190.6	187.2	181.6	176.0	178.1	180.4	182.9	185.5	180.4	189.9	182.8
75°	159.8	157.2	152.9	148.6	150.1	151.8	153.1	154.5	151.2	147.4	138.8
77.5°	126.1	123.6	119.7	115.7	117.6	119.3	122.5	125.6	125.0	114.1	104.8
80°	91.4	90.5	87.6	84.8	86.2	87.5	91.4	95.2	95.8	80.4	70.7
82.5°	53.6	54.8	55.4	56.0	56.9	57.7	57.7	57.7	55.4	46.7	41.9
85°	22.5	22.9	24.8	26.4	27.9	29.2	29.0	28.8	27.4	22.6	19.5
87.5°	11.8	12.1	11.7	11.0	10.5	9.8	9.0	8.3	7.1	6.5	6.0
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: P1364984
CATALOG NUMBER: GSS-SB1B-735-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	776.2	776.2	776.2	776.2	776.2	776.2	776.2
2.5°	795.9	802.9	809.8	816.7	823.6	831.1	838.7
5°	813.7	827.4	841.1	855.1	869.1	882.4	895.9
7.5°	827.7	846.7	865.8	887.1	908.4	931.0	953.6
10°	835.8	859.3	882.8	909.3	935.8	962.9	990.0
12.5°	842.7	869.0	895.3	924.9	954.6	981.5	1008.4
15°	845.9	874.3	902.7	932.8	962.9	990.1	1017.3
17.5°	839.9	872.2	904.6	936.7	968.9	994.2	1019.7
20°	831.0	869.0	907.0	941.5	976.0	1001.7	1027.5
22.5°	820.1	866.5	912.9	950.8	988.8	1012.2	1035.8
25°	807.2	866.3	925.3	966.7	1008.2	1028.5	1048.9
27.5°	793.5	868.5	943.5	990.1	1036.7	1052.3	1067.9
30°	782.0	873.4	964.9	1017.7	1070.3	1082.5	1094.7
32.5°	769.7	878.9	988.2	1050.2	1112.2	1119.8	1127.5
35°	749.5	877.6	1005.8	1084.7	1163.8	1173.3	1182.8
37.5°	724.5	873.9	1023.3	1126.9	1230.4	1241.8	1253.1
40°	692.9	865.5	1038.2	1175.1	1312.0	1334.4	1356.6
42.5°	653.0	851.1	1049.1	1228.4	1407.5	1454.7	1501.9
45°	611.9	841.2	1070.6	1300.8	1531.1	1606.7	1682.3
47.5°	572.4	829.7	1087.0	1375.2	1663.4	1759.2	1854.9
50°	535.2	810.1	1084.8	1440.1	1795.4	1925.1	2054.9
52.5°	497.4	769.8	1042.3	1470.8	1899.2	2105.4	2311.5
55°	462.2	716.5	970.5	1462.7	1954.9	2286.5	2618.0
57.5°	430.7	660.6	890.5	1418.6	1946.6	2438.5	2930.6
60°	402.6	590.0	777.4	1312.7	1848.0	2506.6	3165.1
62.5°	365.5	500.5	635.5	1139.2	1643.0	2355.5	3068.1
65°	*322.0*	*393.4*	*464.6*	*893.6*	*1322.7*	*2031.7*	*2740.7*
67.5°	266.9	300.7	334.5	695.4	1056.3	1744.9	2433.5
70°	216.7	228.6	240.5	532.9	825.3	1482.4	2139.4
72.5°	175.6	175.7	176.0	400.6	625.3	1230.9	1836.4
75°	130.4	131.1	131.9	296.9	461.9	982.8	1503.7
77.5°	95.5	95.0	94.3	191.9	289.5	644.8	1000.1
80°	61.0	60.5	59.8	106.1	152.4	369.7	586.9
82.5°	37.1	37.0	36.9	57.0	77.1	185.3	293.5
85°	16.4	15.6	14.9	18.1	21.4	44.1	66.7
87.5°	5.4	5.0	4.8	4.9	5.0	5.2	5.4
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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

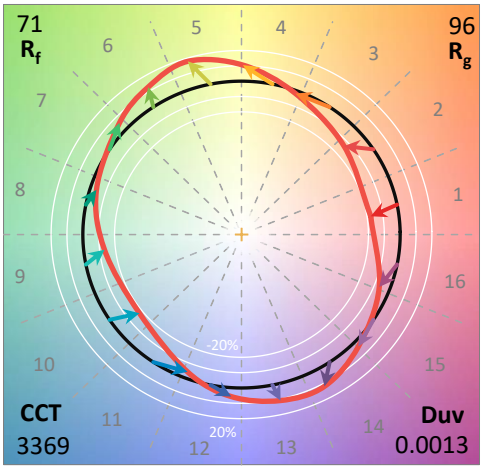
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-5
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-735-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3369
CIE u':	0.2386
CIE v':	0.5156
Duv:	0.0013
CIE x:	0.4143
CIE y:	0.3980
CIE z:	0.1877
Peak Wavelength (nm):	590
Dominant Wavelength (nm):	580
Purity:	43.80166
Rf:	71.4
Rg:	96

CRI (Ra):	70.1
R1:	66.6
R2:	77.6
R3:	88.5
R4:	69.5
R5:	66.4
R6:	69.6
R7:	77.5
R8:	44.9
R9:	-40.2
R10:	49.1
R11:	66.3
R12:	45.7
R13:	68.0
R14:	93.4
R15:	57.6



Test Conditions

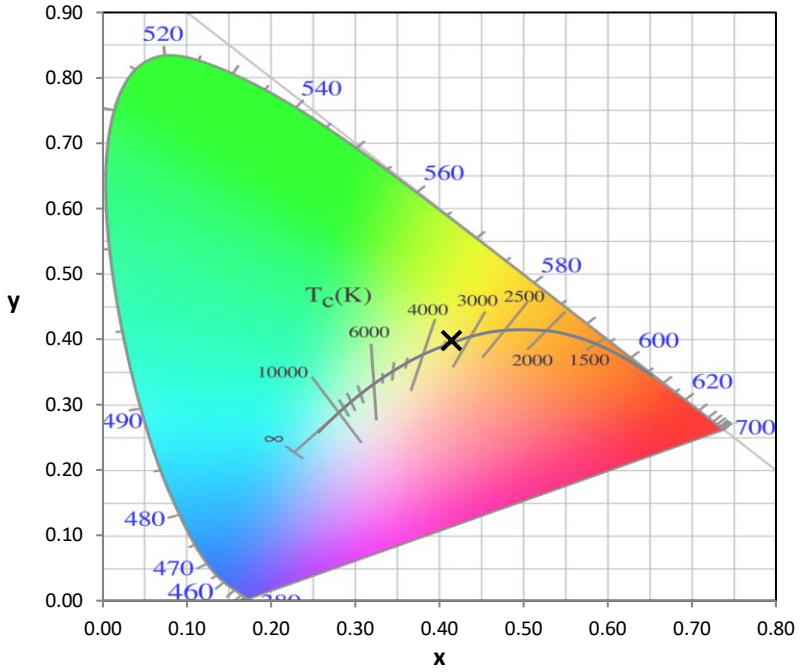
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

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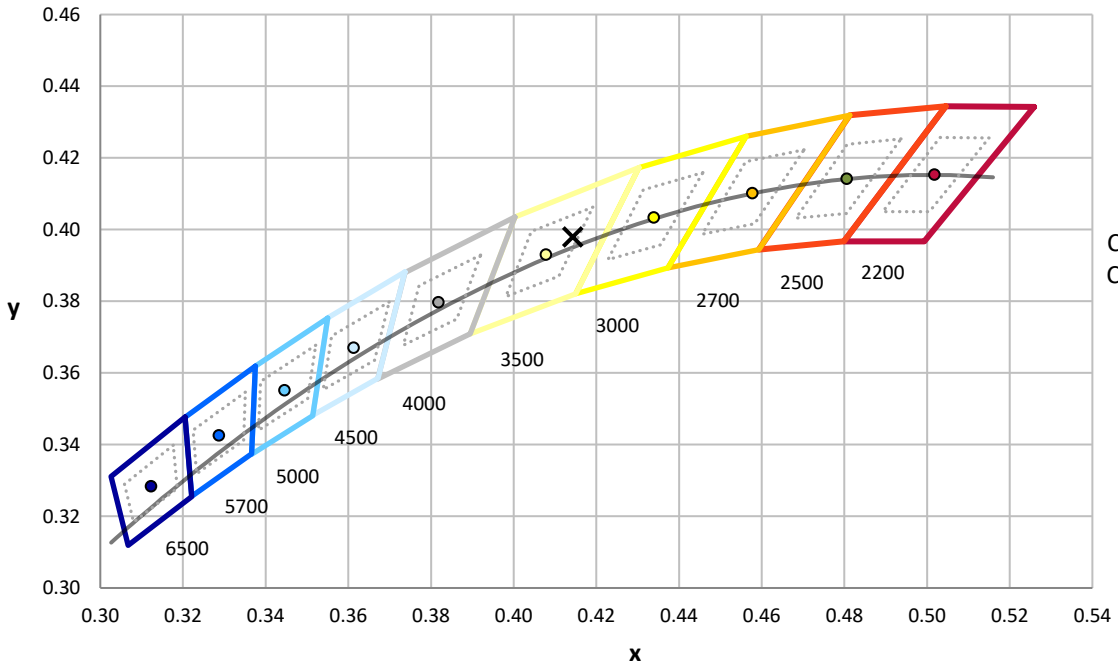
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

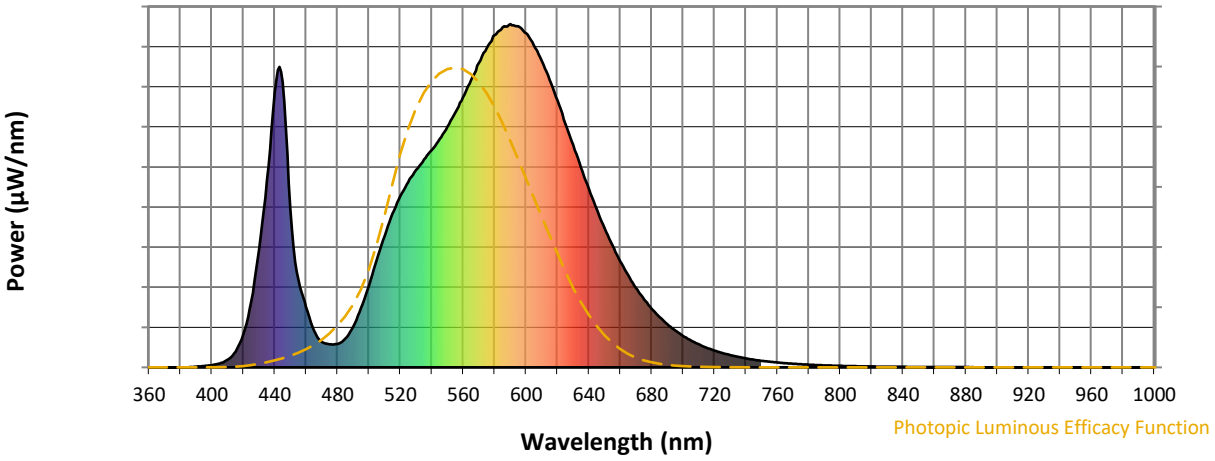


CCT = 3369K
CIE x = 0.4143
CIE y = 0.3980
Duv = 0.0013

Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

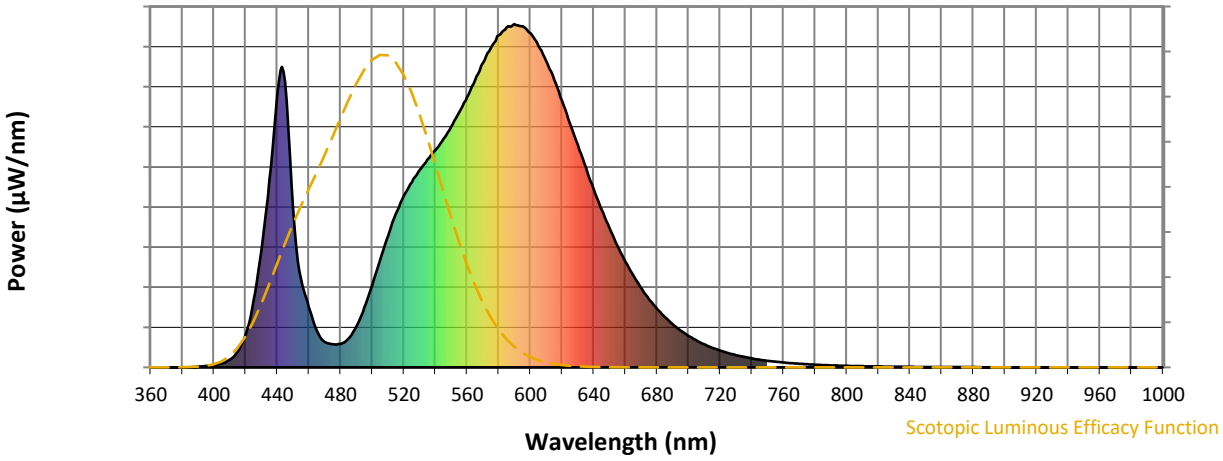


Photopic Lumens: NR

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

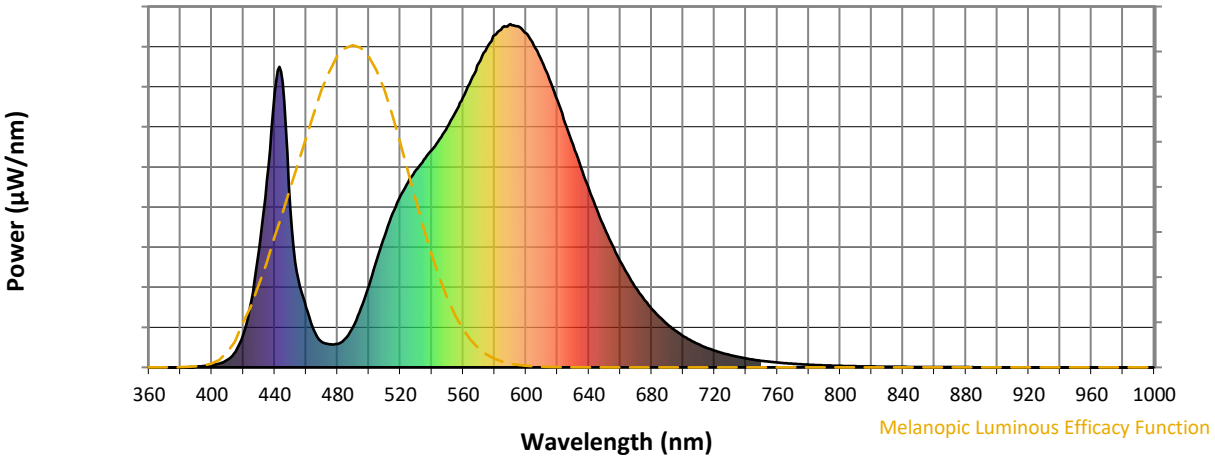


Scotopic Lumens: NR **S/P: 1.29**

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.36**

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

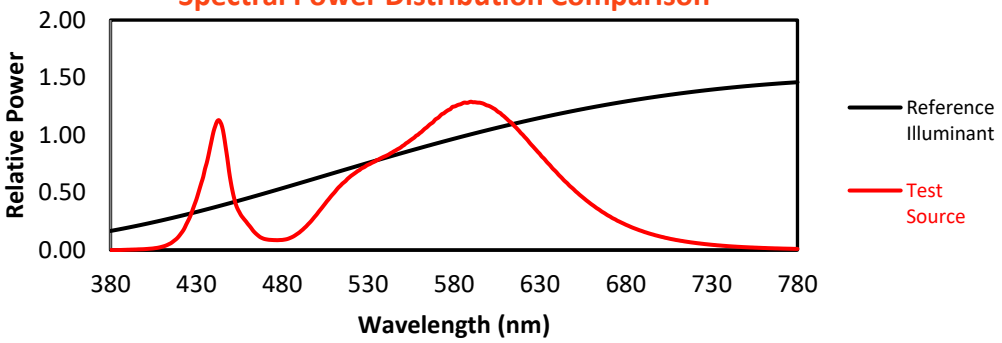
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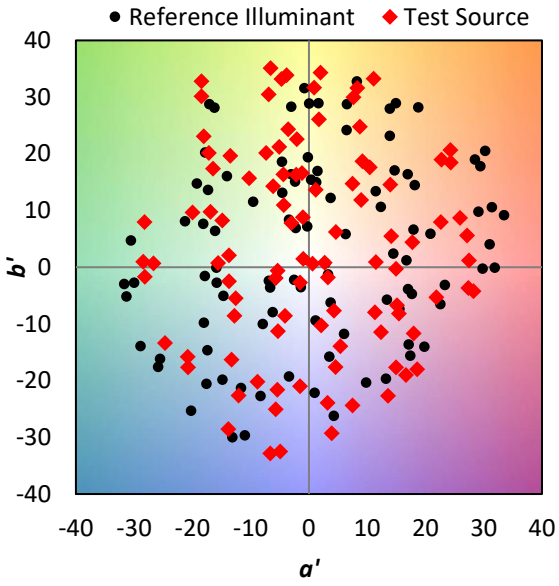
Summary

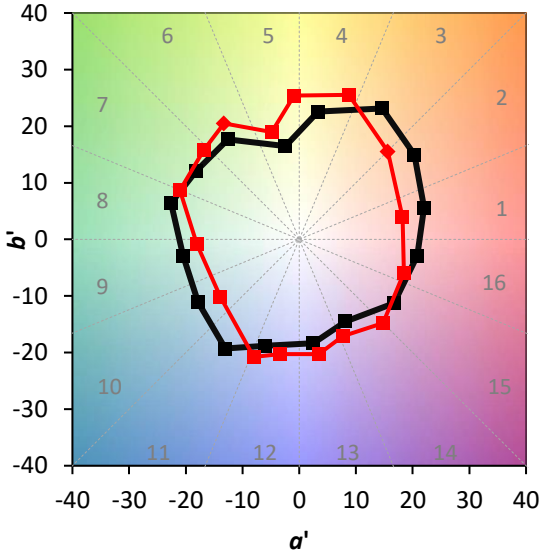
R_f = 71.4
R_g = 96
CIE R_a = 70.1
R_9 = -40.2

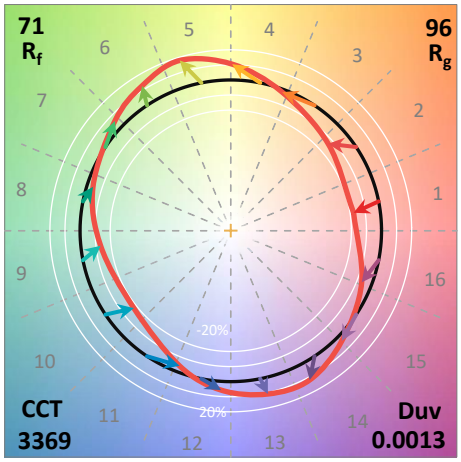
Spectral Power Distribution Comparison

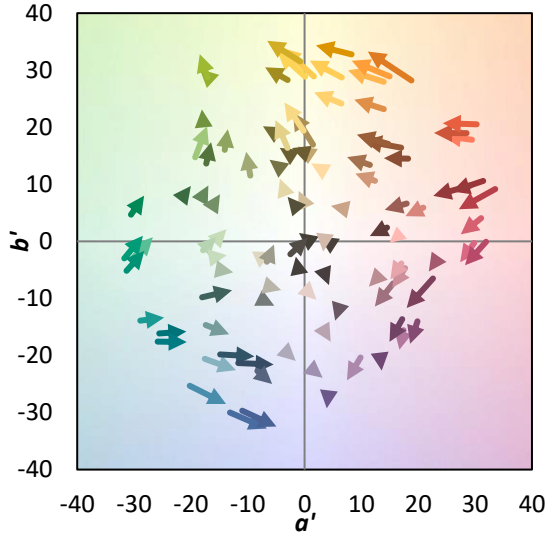


Color Vector Graphics







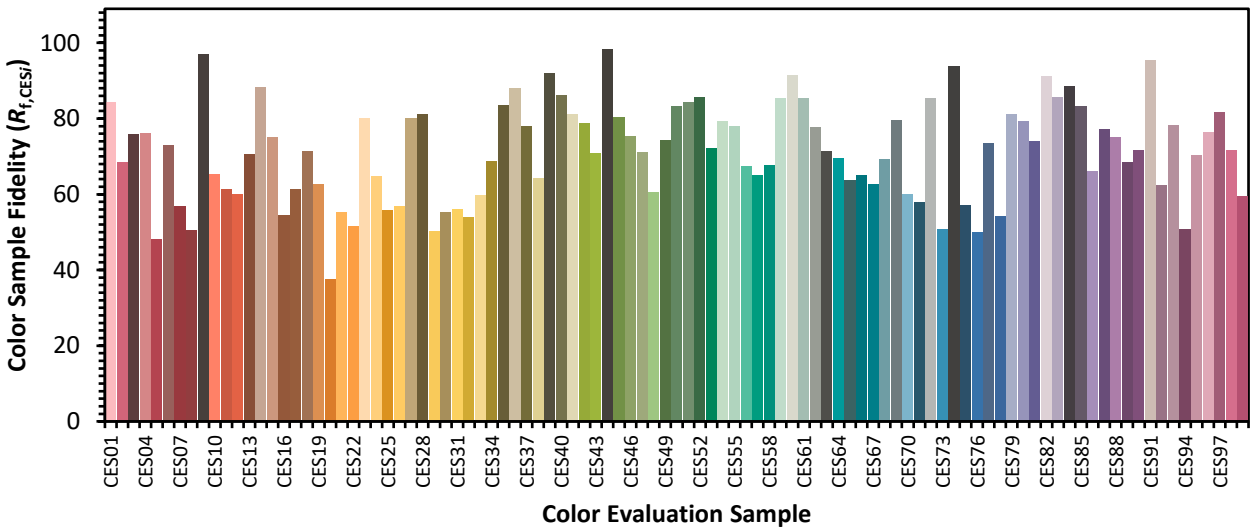


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Individual Sample Fidelity Index ($R_{f,i}$)

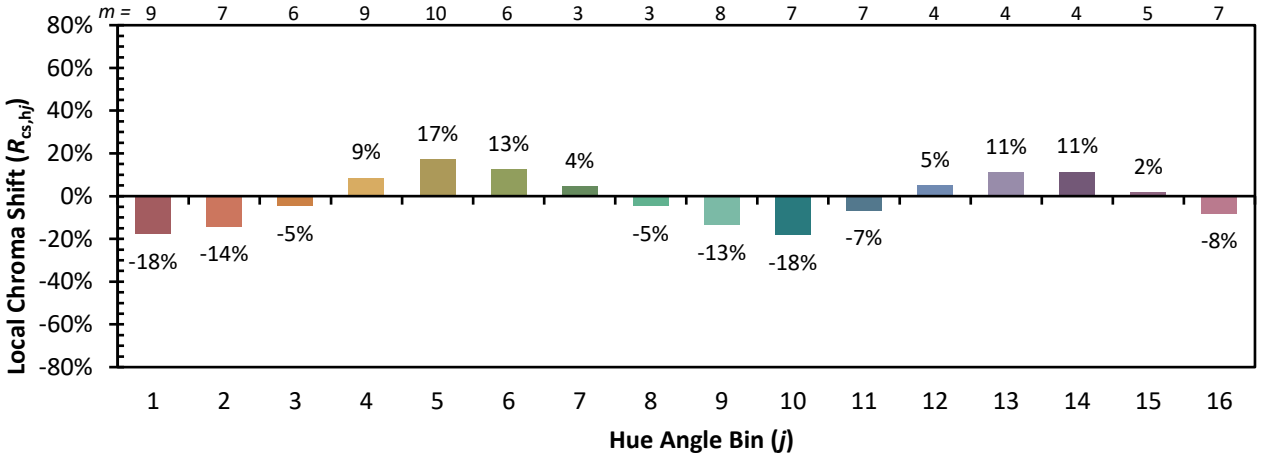
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	

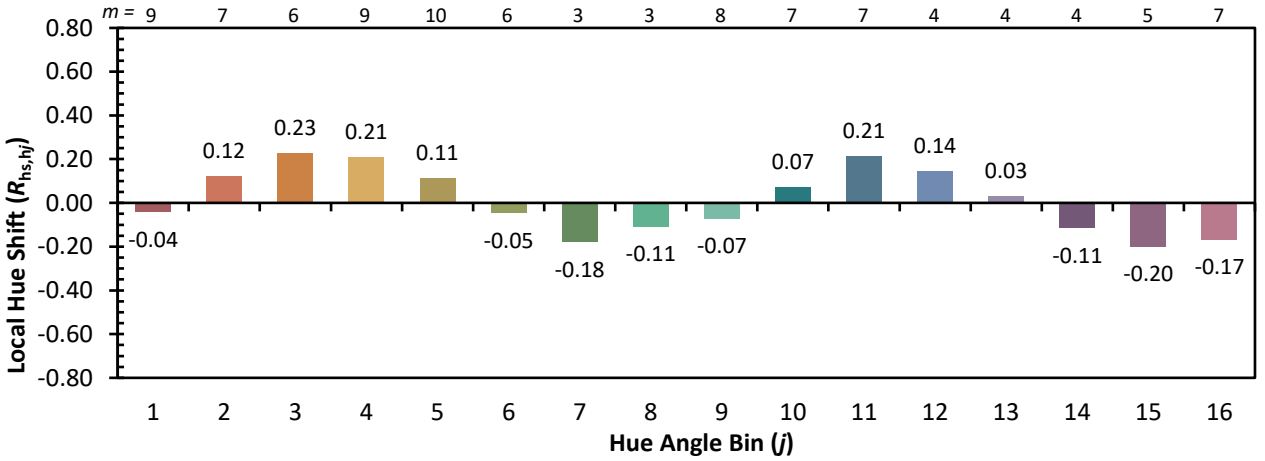


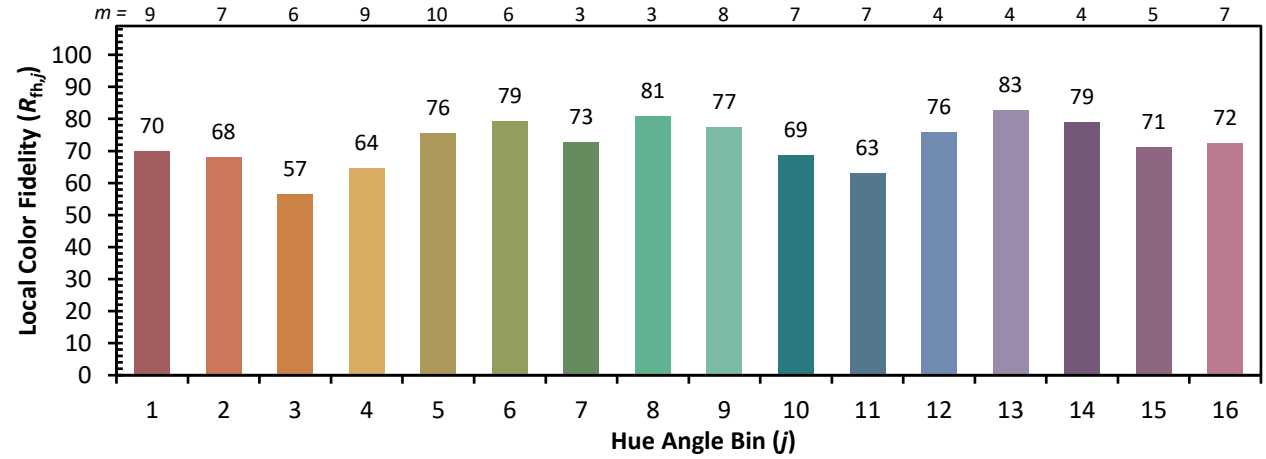
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Color Rendition by Hue-Angle Bin



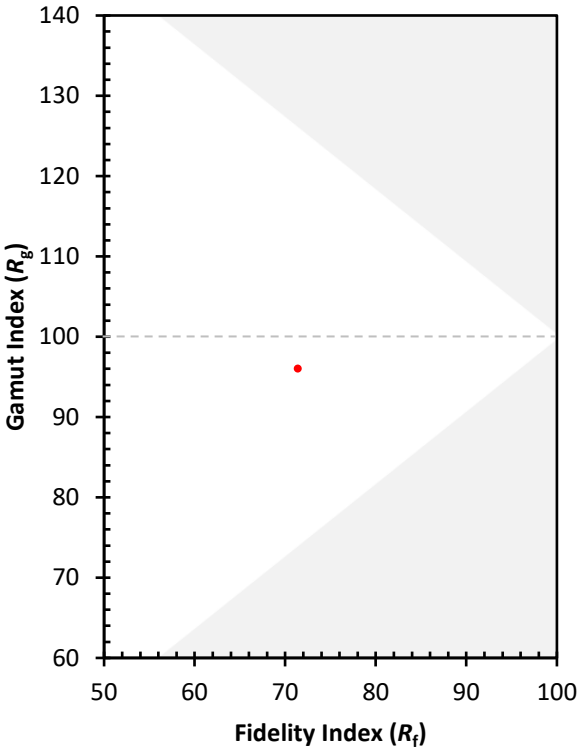


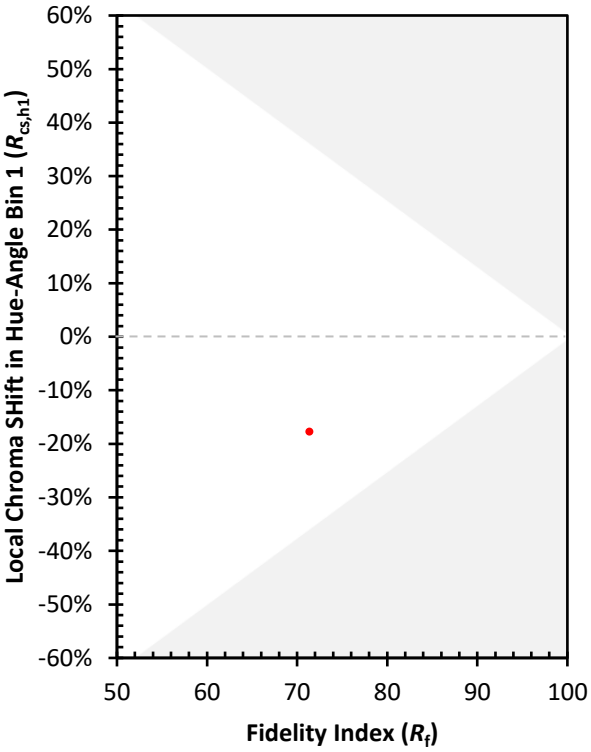


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Measure Comparisons





(END OF REPORT)