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: P1364961

Luminaire Tested: **GSS-SB1C-730-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:	P1364961
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1C-730-U-SLL
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 52W 70CRI 3000K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC
Light Source:	(26) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6420.1 lumens
Efficiency:	N/A
Efficacy:	123.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

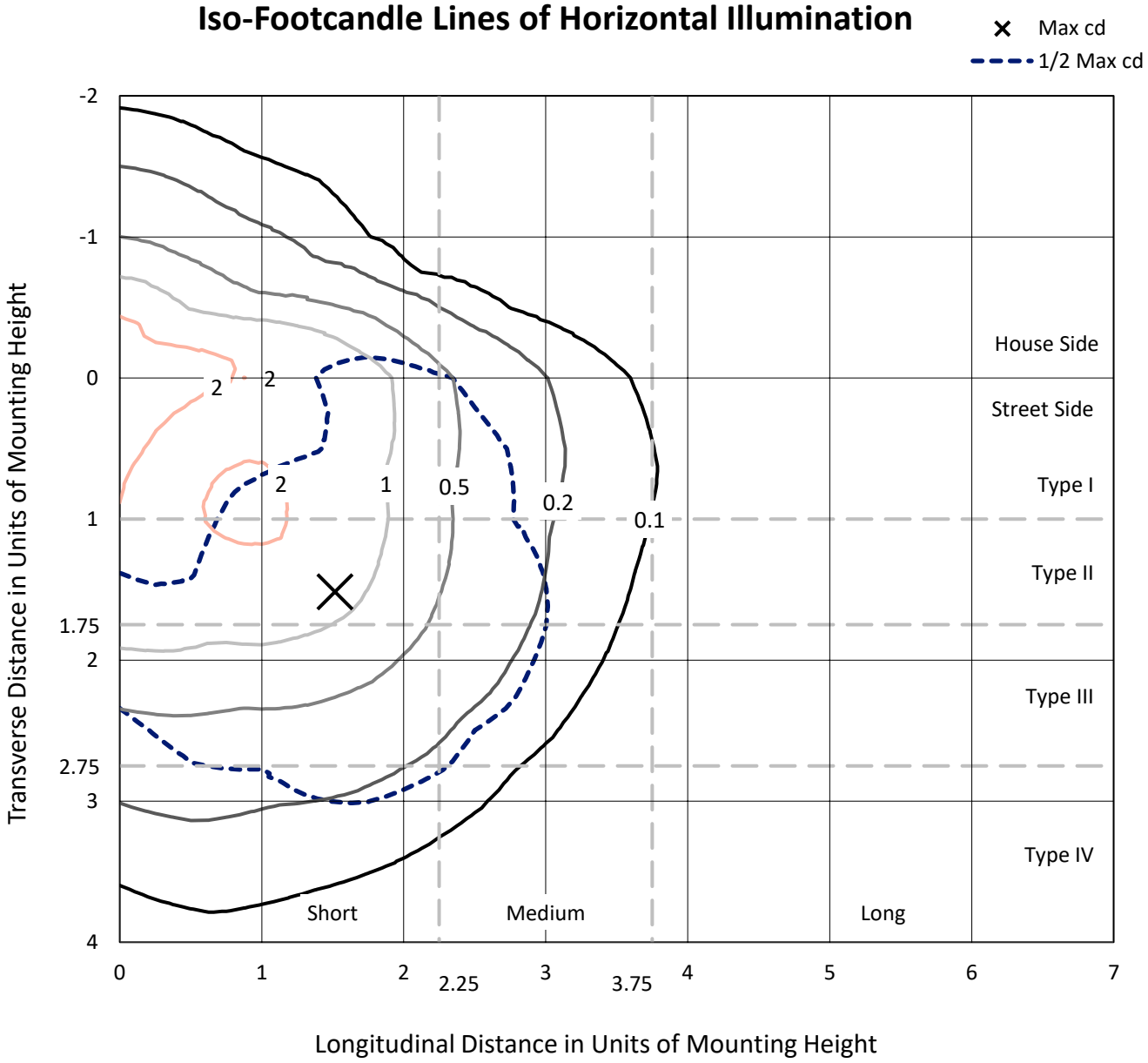
Input Watts (W):	52
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



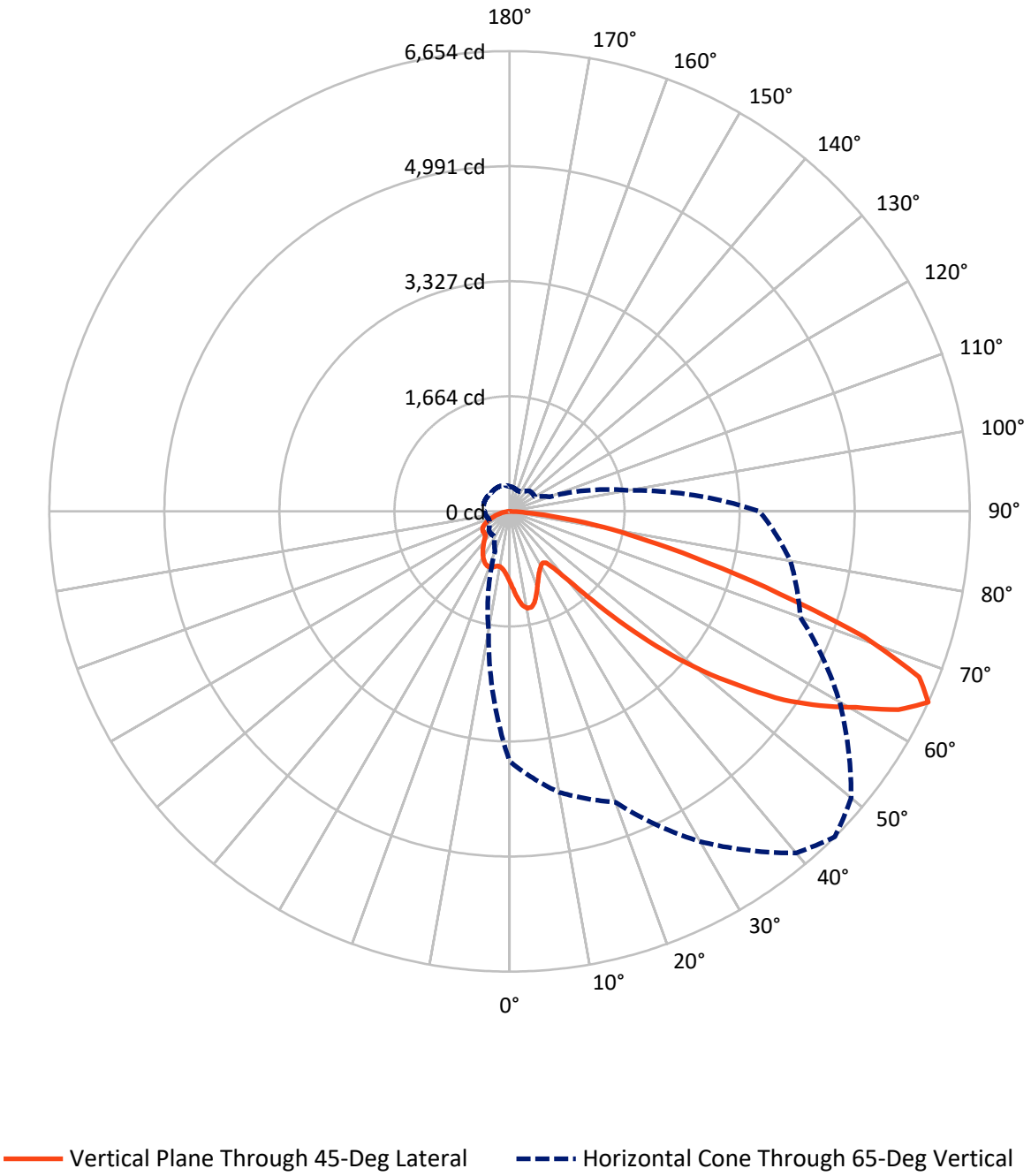
Based on 20 foot mounting height. Maximum calculated value = 3.4 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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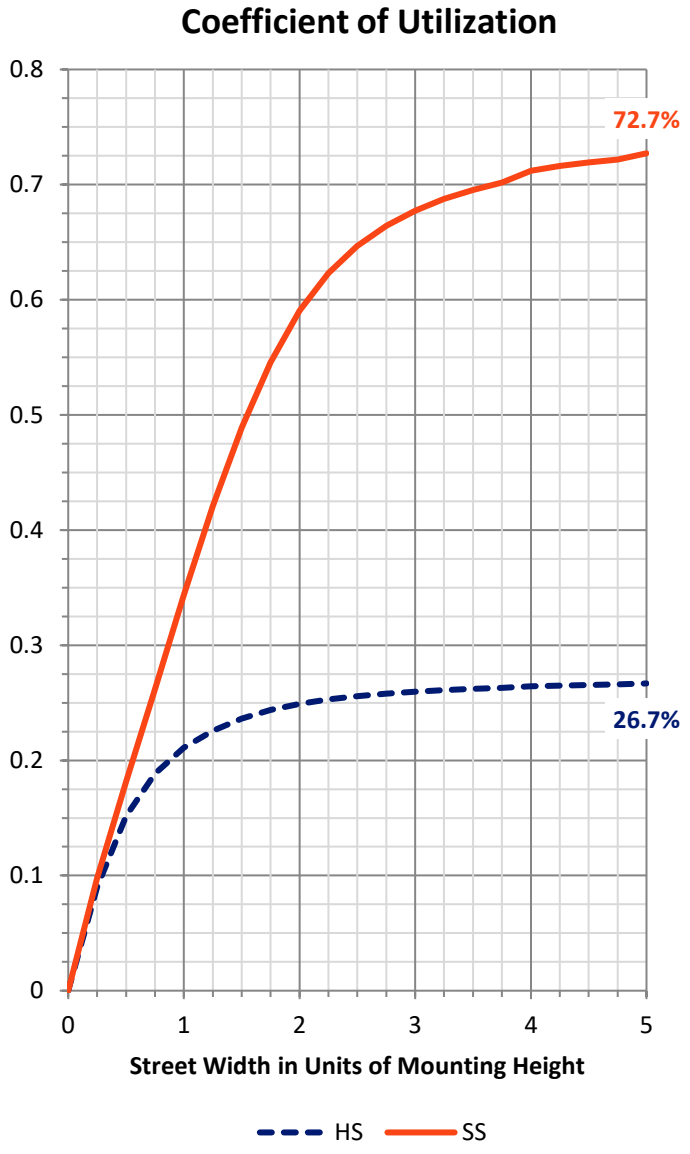
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1727.2	0.0	1727.2
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	4693.0	0.0	4693.0
	% Fixture	73.1	0.0	73.1
Total	Lumens	6420.1	0.0	6420.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.1	1.6
10°-20°	309.8	4.8
20°-30°	479.4	7.5
30°-40°	594.8	9.3
40°-50°	869.8	13.5
50°-60°	1362.4	21.2
60°-70°	1616.6	25.2
70°-80°	942.9	14.7
80°-90°	143.4	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°	6420.1	100.0
0°-180°	6420.1	100.0



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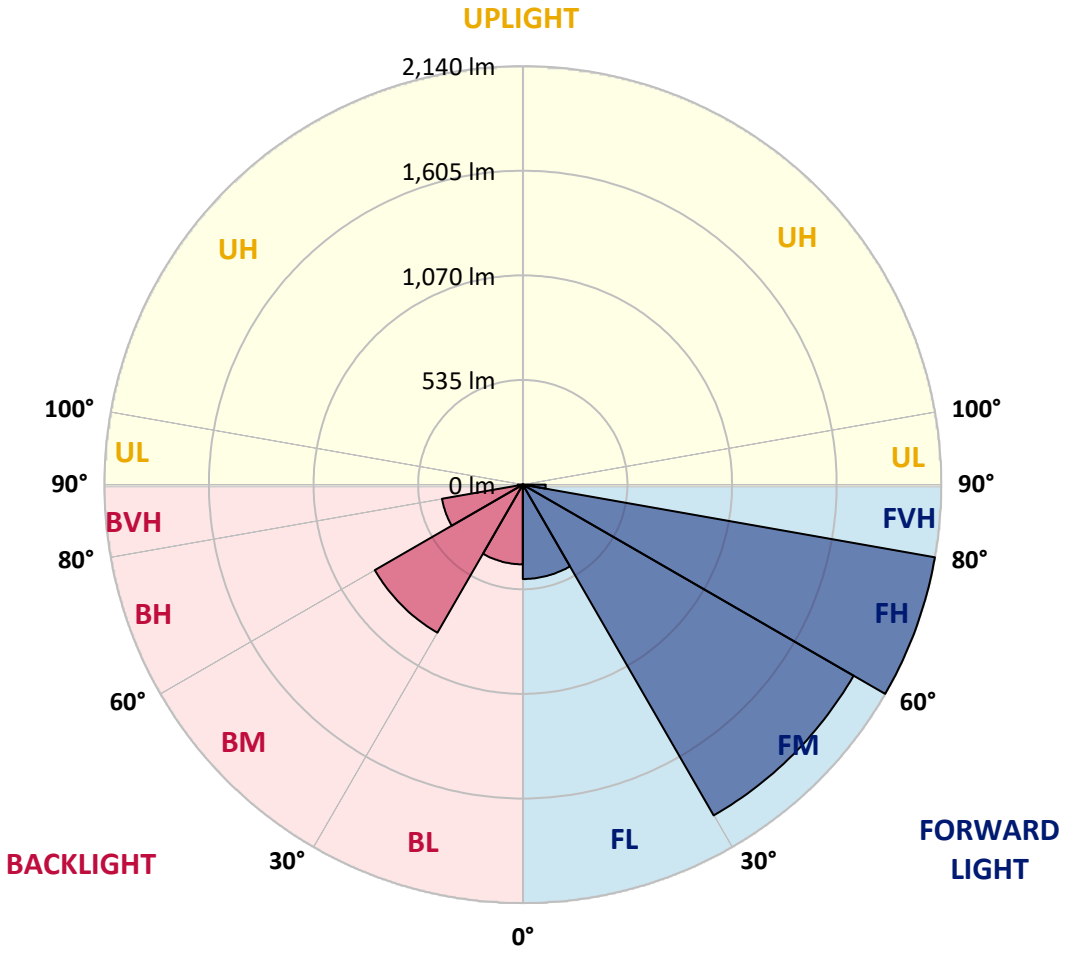
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	482.5	7.5			
FM	(30°-60°)	1953.1	30.4			
FH	(60°-80°)	2140.0	33.3			G2/5000
FVH	(80°-90°)	117.3	1.8			G2/225
BL	(0°-30°)	407.7	6.4	B1/500		
BM	(30°-60°)	873.8	13.6	B1/1000		
BH	(60°-80°)	419.5	6.5	B1/500		G1/500
BVH	(80°-90°)	26.1	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-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	*1023.7*	1023.7
2.5°	1106.1	1110.1	1114.0	1118.2	1122.6	1125.1	1127.6	1130.3	1132.8	*1135.2*	1132.8
5°	1181.5	1199.2	1216.8	1228.8	1240.7	1249.8	1258.9	1264.1	1269.4	*1270.2*	1269.4
7.5°	1257.6	1278.7	1299.7	1317.9	1336.1	1347.8	1359.4	1366.1	1373.0	*1375.4*	1373.0
10°	1305.5	1330.2	1355.0	1372.6	1390.3	1401.1	1411.8	1417.2	1422.5	*1424.1*	1422.5
12.5°	1329.9	1353.6	1377.3	1390.9	1404.4	1411.4	1418.1	1420.6	1422.8	*1420.9*	1422.8
15°	1341.6	1355.6	1369.4	1375.2	1380.9	1377.6	1374.1	1369.3	1364.4	*1361.3*	1364.4
17.5°	1344.8	1349.6	1354.7	1344.2	1333.8	1314.9	1296.1	1282.0	1267.8	*1257.6*	1267.8
20°	1355.0	1347.1	1339.3	1311.3	1283.5	1248.2	1212.9	1189.2	1165.3	*1150.9*	1165.3
22.5°	1366.0	1343.8	1321.7	1274.8	1227.8	1179.4	1131.2	1103.9	1076.8	*1061.4*	1076.8
25°	1383.2	1345.3	1307.1	1243.7	1180.4	1123.6	1066.9	1037.2	1007.7	*990.7*	1007.7
27.5°	1408.4	1350.3	1292.2	1213.7	1135.2	1073.6	1011.9	983.7	955.4	*940.5*	955.4
30°	1443.7	1366.6	1289.4	1195.5	1101.4	1037.0	972.7	945.0	917.2	*901.2*	917.2
32.5°	1486.9	1389.5	1292.2	1187.0	1081.8	1016.2	950.7	924.2	897.8	*884.0*	897.8
35°	1559.9	1436.6	1313.4	1196.7	1080.2	1019.3	958.5	939.1	919.8	*912.2*	919.8
37.5°	1652.5	1508.5	1364.4	1244.3	1124.2	1082.7	1041.3	1041.3	1041.3	*1047.2*	1041.3
40°	1789.1	1627.4	1465.7	1352.0	1238.5	1236.0	1233.8	1260.2	1286.7	*1298.5*	1286.7
42.5°	1980.7	1809.7	1638.9	1547.2	1455.5	1510.4	1565.4	1641.7	1718.0	*1767.9*	1718.0
45°	2218.5	2052.1	1885.7	1821.6	1757.7	1880.0	2002.2	2137.0	2271.9	*2367.7*	2271.9
47.5°	2446.2	2306.1	2165.9	2129.4	2092.9	2296.3	2499.6	2697.3	2894.9	*3011.4*	2894.9
50°	2710.0	2584.0	2458.0	2450.9	2443.8	2714.7	2985.5	3240.7	3495.8	*3637.9*	3495.8
52.5°	3048.3	2910.0	2771.5	2777.2	2782.5	3104.2	3425.9	3734.5	4043.0	*4203.1*	4043.0
55°	3452.6	3279.1	3105.6	3104.7	3103.7	3473.3	3843.3	4222.3	4601.6	*4815.5*	4601.6
57.5°	3864.8	3702.3	3539.8	3501.1	3462.4	3848.9	4235.3	4653.9	5072.6	*5297.5*	5072.6
60°	4174.1	4084.6	3995.1	3933.2	3871.5	4268.4	4665.5	5097.9	5530.2	*5754.4*	5530.2
62.5°	4046.1	4206.1	4366.1	4361.5	4357.0	4785.5	5213.9	5663.6	6113.6	*6314.9*	6113.6
65°	*3614.3*	*3869.5*	*4124.6*	*4300.2*	*4475.5*	*4993.5*	*5511.3*	*5979.8*	*6448.3*	*6654.0*	*6448.3*
67.5°	3209.3	3434.1	3659.1	3802.8	3946.4	4530.0	5113.8	5645.4	6177.0	*6388.7*	6177.0
70°	2821.4	3070.5	3319.5	3422.2	3524.8	4020.7	4516.4	4937.0	5357.5	*5440.4*	5357.5
72.5°	2421.9	2718.0	3014.3	3057.7	3101.2	3462.0	3822.8	4046.9	4271.0	*4090.1*	4271.0
75°	1983.0	2317.1	2651.1	2680.1	2709.2	2821.6	2934.2	2991.2	3048.3	*2945.5*	3048.3
77.5°	1318.9	1608.1	1897.5	1962.6	2027.8	2102.7	2177.7	2173.8	2169.9	*2025.4*	2169.9
80°	774.1	1000.3	1226.6	1235.0	1243.5	1299.7	1355.8	1413.1	1470.4	*1378.5*	1470.4
82.5°	387.0	511.2	635.6	654.7	673.9	708.3	742.7	758.7	774.8	*697.1*	774.8
85°	87.9	120.3	152.6	183.9	215.1	251.2	287.3	283.2	279.2	*235.5*	279.2
87.5°	7.1	7.2	7.5	7.7	7.9	8.0	8.2	8.6	9.1	*9.4*	9.1
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°	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7
2.5°	1130.3	1127.6	1125.1	1122.6	1118.2	1114.0	1110.1	1106.1	1096.1	1086.2	1077.1
5°	1264.1	1258.9	1249.8	1240.7	1228.8	1216.8	1199.2	1181.5	1163.7	1146.2	1127.6
7.5°	1366.1	1359.4	1347.8	1336.1	1317.9	1299.7	1278.7	1257.6	1227.8	1198.0	1169.9
10°	1417.2	1411.8	1401.1	1390.3	1372.6	1355.0	1330.2	1305.5	1269.9	1234.1	1199.2
12.5°	1420.6	1418.1	1411.4	1404.4	1390.9	1377.3	1353.6	1329.9	1294.4	1258.9	1219.8
15°	1369.3	1374.1	1377.6	1380.9	1375.2	1369.4	1355.6	1341.6	1305.7	1269.9	1230.2
17.5°	1282.0	1296.1	1314.9	1333.8	1344.2	1354.7	1349.6	1344.8	1311.2	1277.7	1235.3
20°	1189.2	1212.9	1248.2	1283.5	1311.3	1339.3	1347.1	1355.0	1321.1	1287.2	1241.6
22.5°	1103.9	1131.2	1179.4	1227.8	1274.8	1321.7	1343.8	1366.0	1334.9	1304.0	1253.9
25°	1037.2	1066.9	1123.6	1180.4	1243.7	1307.1	1345.3	1383.2	1356.4	1329.5	1274.9
27.5°	983.7	1011.9	1073.6	1135.2	1213.7	1292.2	1350.3	1408.4	1387.8	1367.2	1305.7
30°	945.0	972.7	1037.0	1101.4	1195.5	1289.4	1366.6	1443.7	1427.5	1411.5	1342.1
32.5°	924.2	950.7	1016.2	1081.8	1187.0	1292.2	1389.5	1486.9	1476.8	1466.8	1385.0
35°	939.1	958.5	1019.3	1080.2	1196.7	1313.4	1436.6	1559.9	1547.3	1534.8	1430.5
37.5°	1041.3	1041.3	1082.7	1124.2	1244.3	1364.4	1508.5	1652.5	1637.6	1622.7	1486.1
40°	1260.2	1233.8	1236.0	1238.5	1352.0	1465.7	1627.4	1789.1	1759.8	1730.2	1549.7
42.5°	1641.7	1565.4	1510.4	1455.5	1547.2	1638.9	1809.7	1980.7	1918.5	1856.2	1620.0
45°	2137.0	2002.2	1880.0	1757.7	1821.6	1885.7	2052.1	2218.5	2118.8	2019.1	1715.5
47.5°	2697.3	2499.6	2296.3	2092.9	2129.4	2165.9	2306.1	2446.2	2320.0	2193.7	1813.6
50°	3240.7	2985.5	2714.7	2443.8	2450.9	2458.0	2584.0	2710.0	2538.8	2367.7	1899.2
52.5°	3734.5	3425.9	3104.2	2782.5	2777.2	2771.5	2910.0	3048.3	2776.5	2504.6	1939.7
55°	4222.3	3843.3	3473.3	3103.7	3104.7	3105.6	3279.1	3452.6	3015.4	2578.1	1929.0
57.5°	4653.9	4235.3	3848.9	3462.4	3501.1	3539.8	3702.3	3864.8	3215.9	2567.1	1870.8
60°	5097.9	4665.5	4268.4	3871.5	3933.2	3995.1	4084.6	4174.1	3305.7	2437.1	1731.2
62.5°	5663.6	5213.9	4785.5	4357.0	4361.5	4366.1	4206.1	4046.1	3106.4	2166.7	1502.4
65°	*5979.8*	*5511.3*	*4993.5*	*4475.5*	*4300.2*	*4124.6*	*3869.5*	*3614.3*	*2679.4*	*1744.4*	*1178.5*
67.5°	5645.4	5113.8	4530.0	3946.4	3802.8	3659.1	3434.1	3209.3	2301.1	1393.0	917.1
70°	4937.0	4516.4	4020.7	3524.8	3422.2	3319.5	3070.5	2821.4	1954.9	1088.4	702.8
72.5°	4046.9	3822.8	3462.0	3101.2	3057.7	3014.3	2718.0	2421.9	1623.3	824.6	528.3
75°	2991.2	2934.2	2821.6	2709.2	2680.1	2651.1	2317.1	1983.0	1296.1	609.2	391.6
77.5°	2173.8	2177.7	2102.7	2027.8	1962.6	1897.5	1608.1	1318.9	850.4	381.8	253.1
80°	1413.1	1355.8	1299.7	1243.5	1235.0	1226.6	1000.3	774.1	487.5	201.0	139.9
82.5°	758.7	742.7	708.3	673.9	654.7	635.6	511.2	387.0	244.3	101.7	75.2
85°	283.2	287.3	251.2	215.1	183.9	152.6	120.3	87.9	58.1	28.3	23.9
87.5°	8.6	8.2	8.0	7.9	7.7	7.5	7.2	7.1	6.9	6.6	6.4
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°	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7
2.5°	1068.0	1058.9	1049.6	1040.8	1031.9	1022.9	1015.1	1006.6	998.3	991.7	985.2
5°	1109.3	1091.2	1073.2	1056.0	1039.1	1021.3	1006.1	991.0	976.3	964.0	951.8
7.5°	1141.8	1116.6	1091.5	1069.1	1046.5	1022.9	1004.5	986.2	968.0	952.1	936.1
10°	1164.2	1133.3	1102.2	1076.3	1050.4	1025.3	1005.6	986.3	967.2	950.8	934.5
12.5°	1180.7	1146.0	1111.3	1082.7	1054.3	1026.8	1007.7	991.7	975.8	964.3	953.0
15°	1190.4	1153.1	1115.5	1083.4	1051.2	1020.6	1003.6	993.2	982.9	981.9	981.0
17.5°	1193.0	1150.2	1107.7	1070.2	1032.8	997.0	982.6	981.1	979.7	995.3	1010.8
20°	1196.1	1146.0	1095.9	1046.6	997.3	949.9	940.8	949.7	958.5	989.0	1019.3
22.5°	1203.9	1142.7	1081.5	1019.6	957.8	901.2	892.6	905.8	918.8	958.5	998.3
25°	1220.3	1142.4	1064.5	987.4	910.3	845.5	844.7	859.0	873.3	910.0	946.8
27.5°	1244.3	1145.4	1046.5	954.5	862.3	796.0	800.0	813.6	827.4	854.8	882.1
30°	1272.6	1151.8	1031.2	925.7	820.4	756.0	760.2	770.9	781.6	801.4	821.2
32.5°	1303.2	1159.0	1015.1	900.6	786.3	727.0	727.0	731.5	736.1	748.9	761.8
35°	1326.4	1157.3	988.4	872.0	755.5	709.7	699.9	696.2	692.4	700.9	709.4
37.5°	1349.5	1152.4	955.4	840.3	725.4	689.3	670.7	660.7	650.3	654.4	658.2
40°	1369.1	1141.5	913.8	802.5	691.2	662.6	639.3	624.3	609.2	608.9	608.4
42.5°	1383.6	1122.5	861.2	757.4	653.5	633.5	604.8	585.6	566.5	564.4	562.4
45°	1411.8	1109.4	807.0	711.6	616.3	598.2	569.6	549.8	530.4	527.2	524.1
47.5°	1433.5	1094.2	754.9	666.0	577.5	556.6	529.9	513.1	496.1	494.3	492.2
50°	1430.7	1068.3	705.8	625.5	545.1	516.6	490.2	476.4	462.4	464.7	467.1
52.5°	1374.6	1015.2	656.0	589.1	522.5	485.9	457.7	447.3	436.8	444.2	451.4
55°	1279.9	944.9	609.5	558.6	507.5	471.0	437.7	426.1	414.5	424.9	435.2
57.5°	1174.4	871.2	568.1	532.9	497.7	467.1	426.3	409.9	393.8	404.1	414.5
60°	1025.3	778.1	531.0	506.4	481.7	457.7	416.9	396.4	376.0	382.9	389.7
62.5°	838.1	660.1	482.0	468.2	454.5	444.3	405.4	378.7	352.0	353.0	353.6
65°	*612.6*	*518.8*	*424.7*	*421.7*	*418.9*	*416.1*	*383.9*	*355.2*	*326.6*	*323.4*	*320.3*
67.5°	441.2	396.6	352.0	360.3	368.7	372.9	350.9	325.6	300.2	293.8	287.3
70°	317.2	301.5	285.8	298.2	310.6	309.3	298.6	283.6	268.5	264.4	260.3
72.5°	232.1	231.7	231.6	241.0	250.4	237.9	244.6	241.2	237.9	234.9	232.1
75°	174.0	172.9	171.9	183.1	194.4	199.4	203.8	201.9	200.2	198.0	195.9
77.5°	124.4	125.3	125.9	138.2	150.4	164.9	165.6	161.6	157.3	155.1	152.6
80°	78.8	79.8	80.4	93.3	106.0	126.4	125.6	120.6	115.4	113.7	111.8
82.5°	48.7	48.8	49.0	55.3	61.5	73.0	76.1	76.1	76.1	75.1	73.8
85°	19.6	20.6	21.7	25.7	29.8	36.1	38.0	38.3	38.5	36.7	34.9
87.5°	6.3	6.6	7.1	7.9	8.6	9.4	11.0	11.9	12.9	13.8	14.4
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):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7
2.5°	979.6	973.8	967.0	960.1	955.2	950.2	946.9	943.6	942.1	940.5	939.2
5°	941.7	931.4	922.3	913.0	905.8	898.4	892.4	886.3	883.8	881.1	879.4
7.5°	922.6	909.1	897.8	886.3	875.5	864.8	857.9	851.0	846.9	842.8	839.8
10°	920.2	905.9	891.0	876.1	864.2	852.2	841.9	831.8	826.0	820.4	817.2
12.5°	939.9	926.7	908.9	891.0	874.9	858.8	846.1	833.4	826.2	819.3	814.6
15°	976.4	971.9	955.4	938.9	916.6	894.2	876.0	857.6	847.5	837.2	831.4
17.5°	1019.8	1028.7	1017.3	1005.6	974.2	942.8	915.7	888.7	873.9	859.2	854.0
20°	1043.5	1067.7	1066.4	1065.3	1024.3	983.2	947.5	911.9	892.1	872.7	864.8
22.5°	1033.1	1068.0	1076.9	1085.7	1045.5	1005.2	961.2	917.2	894.0	870.6	863.2
25°	984.3	1021.8	1038.5	1055.1	1022.0	988.8	946.1	903.6	879.1	854.4	846.9
27.5°	912.2	942.4	961.1	979.7	959.5	939.2	904.7	870.1	848.5	826.7	818.6
30°	841.6	862.0	876.9	891.8	878.5	865.1	840.3	815.7	799.5	783.5	778.4
32.5°	777.0	792.1	800.4	808.6	798.2	787.9	771.5	755.2	745.2	735.1	731.8
35°	721.6	734.0	740.3	746.6	737.9	729.3	714.7	700.3	693.0	685.8	683.1
37.5°	668.7	679.1	688.0	697.1	690.8	684.6	672.2	659.8	651.3	642.5	637.8
40°	618.5	628.3	639.7	650.8	649.7	648.4	636.7	624.9	612.6	600.6	594.1
42.5°	572.3	582.2	594.1	606.1	608.4	610.8	601.0	591.1	577.0	562.9	553.0
45°	532.6	541.4	554.4	567.6	573.1	578.6	569.8	560.8	545.0	529.1	517.3
47.5°	501.2	510.3	524.7	539.3	545.1	551.1	545.1	539.3	525.7	511.8	501.5
50°	477.0	486.7	498.0	509.5	520.3	531.0	529.9	528.8	518.0	507.1	497.4
52.5°	460.3	469.5	481.2	493.0	504.3	515.8	517.5	519.4	511.5	503.7	495.2
55°	446.1	456.9	467.9	478.9	489.6	500.1	502.4	504.8	499.1	493.3	487.0
57.5°	426.3	438.1	449.0	460.0	472.4	484.8	486.7	488.6	482.6	476.5	471.8
60°	401.8	413.7	425.2	436.5	449.0	461.6	464.1	466.6	461.9	457.2	452.8
62.5°	367.2	380.7	390.2	399.6	411.5	423.6	427.2	431.0	428.8	426.7	421.7
65°	*333.2*	*346.2*	*353.6*	*361.1*	*371.5*	*381.8*	*385.5*	*389.1*	*388.0*	*387.0*	*383.4*
67.5°	299.3	311.2	317.3	323.4	330.5	337.6	341.7	345.7	343.7	341.5	337.7
70°	270.1	279.8	285.1	290.5	296.1	301.8	304.0	306.2	303.0	299.9	291.4
72.5°	239.4	246.8	251.4	255.9	261.3	266.6	267.9	269.3	264.4	259.4	249.5
75°	201.6	207.3	210.7	214.3	219.8	225.3	227.7	230.0	223.1	216.4	205.8
77.5°	157.8	163.0	166.3	169.6	174.1	178.7	179.3	180.2	174.3	168.3	162.0
80°	115.6	119.3	120.6	121.7	125.4	129.1	129.1	129.1	124.7	120.1	117.0
82.5°	73.0	72.2	70.7	69.1	72.9	76.6	77.9	79.3	77.2	75.4	71.9
85°	32.7	30.1	29.7	29.0	28.9	28.6	29.7	30.6	30.1	29.8	28.6
87.5°	15.4	16.0	15.5	14.9	14.3	13.8	12.6	11.3	10.4	9.4	8.8
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7
2.5°	938.1	937.3	938.1	939.2	940.5	942.1	943.6	946.9	950.2	955.2	960.1
5°	877.7	876.1	877.7	879.4	881.1	883.8	886.3	892.4	898.4	905.8	913.0
7.5°	836.9	835.3	836.9	839.8	842.8	846.9	851.0	857.9	864.8	875.5	886.3
10°	814.1	811.7	814.1	817.2	820.4	826.0	831.8	841.9	852.2	864.2	876.1
12.5°	809.9	807.0	809.9	814.6	819.3	826.2	833.4	846.1	858.8	874.9	891.0
15°	825.6	821.2	825.6	831.4	837.2	847.5	857.6	876.0	894.2	916.6	938.9
17.5°	848.6	846.3	848.6	854.0	859.2	873.9	888.7	915.7	942.8	974.2	1005.6
20°	857.0	854.1	857.0	864.8	872.7	892.1	911.9	947.5	983.2	1024.3	1065.3
22.5°	855.7	852.6	855.7	863.2	870.6	894.0	917.2	961.2	1005.2	1045.5	1085.7
25°	839.2	836.9	839.2	846.9	854.4	879.1	903.6	946.1	988.8	1022.0	1055.1
27.5°	810.5	805.5	810.5	818.6	826.7	848.5	870.1	904.7	939.2	959.5	979.7
30°	773.3	770.9	773.3	778.4	783.5	799.5	815.7	840.3	865.1	878.5	891.8
32.5°	728.5	727.0	728.5	731.8	735.1	745.2	755.2	771.5	787.9	798.2	808.6
35°	680.6	678.3	680.6	683.1	685.8	693.0	700.3	714.7	729.3	737.9	746.6
37.5°	633.1	629.6	633.1	637.8	642.5	651.3	659.8	672.2	684.6	690.8	697.1
40°	587.5	584.1	587.5	594.1	600.6	612.6	624.9	636.7	648.4	649.7	650.8
42.5°	543.3	537.0	543.3	553.0	562.9	577.0	591.1	601.0	610.8	608.4	606.1
45°	505.6	497.7	505.6	517.3	529.1	545.0	560.8	569.8	578.6	573.1	567.6
47.5°	491.1	483.6	491.1	501.5	511.8	525.7	539.3	545.1	551.1	545.1	539.3
50°	487.5	480.4	487.5	497.4	507.1	518.0	528.8	529.9	531.0	520.3	509.5
52.5°	486.7	480.4	486.7	495.2	503.7	511.5	519.4	517.5	515.8	504.3	493.0
55°	480.8	475.7	480.8	487.0	493.3	499.1	504.8	502.4	500.1	489.6	478.9
57.5°	467.1	464.7	467.1	471.8	476.5	482.6	488.6	486.7	484.8	472.4	460.0
60°	448.3	444.3	448.3	452.8	457.2	461.9	466.6	464.1	461.6	449.0	436.5
62.5°	416.9	411.4	416.9	421.7	426.7	428.8	431.0	427.2	423.6	411.5	399.6
65°	*380.0*	*373.7*	*380.0*	*383.4*	*387.0*	*388.0*	*389.1*	*385.5*	*381.8*	*371.5*	*361.1*
67.5°	334.1	332.9	334.1	337.7	341.5	343.7	345.7	341.7	337.6	330.5	323.4
70°	282.9	273.2	282.9	291.4	299.9	303.0	306.2	304.0	301.8	296.1	290.5
72.5°	239.4	229.2	239.4	249.5	259.4	264.4	269.3	267.9	266.6	261.3	255.9
75°	195.5	188.4	195.5	205.8	216.4	223.1	230.0	227.7	225.3	219.8	214.3
77.5°	155.8	152.3	155.8	162.0	168.3	174.3	180.2	179.3	178.7	174.1	169.6
80°	113.8	111.5	113.8	117.0	120.1	124.7	129.1	129.1	129.1	125.4	121.7
82.5°	68.3	65.9	68.3	71.9	75.4	77.2	79.3	77.9	76.6	72.9	69.1
85°	27.5	26.7	27.5	28.6	29.8	30.1	30.6	29.7	28.6	28.9	29.0
87.5°	8.2	7.9	8.2	8.8	9.4	10.4	11.3	12.6	13.8	14.3	14.9
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):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7
2.5°	967.0	973.8	979.6	985.2	991.7	998.3	1006.6	1015.1	1022.9	1031.9	1040.8
5°	922.3	931.4	941.7	951.8	964.0	976.3	991.0	1006.1	1021.3	1039.1	1056.0
7.5°	897.8	909.1	922.6	936.1	952.1	968.0	986.2	1004.5	1022.9	1046.5	1069.1
10°	891.0	905.9	920.2	934.5	950.8	967.2	986.3	1005.6	1025.3	1050.4	1076.3
12.5°	908.9	926.7	939.9	953.0	964.3	975.8	991.7	1007.7	1026.8	1054.3	1082.7
15°	955.4	971.9	976.4	981.0	981.9	982.9	993.2	1003.6	1020.6	1051.2	1083.4
17.5°	1017.3	1028.7	1019.8	1010.8	995.3	979.7	981.1	982.6	997.0	1032.8	1070.2
20°	1066.4	1067.7	1043.5	1019.3	989.0	958.5	949.7	940.8	949.9	997.3	1046.6
22.5°	1076.9	1068.0	1033.1	998.3	958.5	918.8	905.8	892.6	901.2	957.8	1019.6
25°	1038.5	1021.8	984.3	946.8	910.0	873.3	859.0	844.7	845.5	910.3	987.4
27.5°	961.1	942.4	912.2	882.1	854.8	827.4	813.6	800.0	796.0	862.3	954.5
30°	876.9	862.0	841.6	821.2	801.4	781.6	770.9	760.2	756.0	820.4	925.7
32.5°	800.4	792.1	777.0	761.8	748.9	736.1	731.5	727.0	727.0	786.3	900.6
35°	740.3	734.0	721.6	709.4	700.9	692.4	696.2	699.9	709.7	755.5	872.0
37.5°	688.0	679.1	668.7	658.2	654.4	650.3	660.7	670.7	689.3	725.4	840.3
40°	639.7	628.3	618.5	608.4	608.9	609.2	624.3	639.3	662.6	691.2	802.5
42.5°	594.1	582.2	572.3	562.4	564.4	566.5	585.6	604.8	633.5	653.5	757.4
45°	554.4	541.4	532.6	524.1	527.2	530.4	549.8	569.6	598.2	616.3	711.6
47.5°	524.7	510.3	501.2	492.2	494.3	496.1	513.1	529.9	556.6	577.5	666.0
50°	498.0	486.7	477.0	467.1	464.7	462.4	476.4	490.2	516.6	545.1	625.5
52.5°	481.2	469.5	460.3	451.4	444.2	436.8	447.3	457.7	485.9	522.5	589.1
55°	467.9	456.9	446.1	435.2	424.9	414.5	426.1	437.7	471.0	507.5	558.6
57.5°	449.0	438.1	426.3	414.5	404.1	393.8	409.9	426.3	467.1	497.7	532.9
60°	425.2	413.7	401.8	389.7	382.9	376.0	396.4	416.9	457.7	481.7	506.4
62.5°	390.2	380.7	367.2	353.6	353.0	352.0	378.7	405.4	444.3	454.5	468.2
65°	*353.6*	*346.2*	*333.2*	*320.3*	*323.4*	*326.6*	*355.2*	*383.9*	*416.1*	*418.9*	*421.7*
67.5°	317.3	311.2	299.3	287.3	293.8	300.2	325.6	350.9	372.9	368.7	360.3
70°	285.1	279.8	270.1	260.3	264.4	268.5	283.6	298.6	309.3	310.6	298.2
72.5°	251.4	246.8	239.4	232.1	234.9	237.9	241.2	244.6	237.9	250.4	241.0
75°	210.7	207.3	201.6	195.9	198.0	200.2	201.9	203.8	199.4	194.4	183.1
77.5°	166.3	163.0	157.8	152.6	155.1	157.3	161.6	165.6	164.9	150.4	138.2
80°	120.6	119.3	115.6	111.8	113.7	115.4	120.6	125.6	126.4	106.0	93.3
82.5°	70.7	72.2	73.0	73.8	75.1	76.1	76.1	76.1	73.0	61.5	55.3
85°	29.7	30.1	32.7	34.9	36.7	38.5	38.3	38.0	36.1	29.8	25.7
87.5°	15.5	16.0	15.4	14.4	13.8	12.9	11.9	11.0	9.4	8.6	7.9
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):

	330°	335°	340°	345°	350°	355°	360°
0°	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7	1023.7
2.5°	1049.6	1058.9	1068.0	1077.1	1086.2	1096.1	1106.1
5°	1073.2	1091.2	1109.3	1127.6	1146.2	1163.7	1181.5
7.5°	1091.5	1116.6	1141.8	1169.9	1198.0	1227.8	1257.6
10°	1102.2	1133.3	1164.2	1199.2	1234.1	1269.9	1305.5
12.5°	1111.3	1146.0	1180.7	1219.8	1258.9	1294.4	1329.9
15°	1115.5	1153.1	1190.4	1230.2	1269.9	1305.7	1341.6
17.5°	1107.7	1150.2	1193.0	1235.3	1277.7	1311.2	1344.8
20°	1095.9	1146.0	1196.1	1241.6	1287.2	1321.1	1355.0
22.5°	1081.5	1142.7	1203.9	1253.9	1304.0	1334.9	1366.0
25°	1064.5	1142.4	1220.3	1274.9	1329.5	1356.4	1383.2
27.5°	1046.5	1145.4	1244.3	1305.7	1367.2	1387.8	1408.4
30°	1031.2	1151.8	1272.6	1342.1	1411.5	1427.5	1443.7
32.5°	1015.1	1159.0	1303.2	1385.0	1466.8	1476.8	1486.9
35°	988.4	1157.3	1326.4	1430.5	1534.8	1547.3	1559.9
37.5°	955.4	1152.4	1349.5	1486.1	1622.7	1637.6	1652.5
40°	913.8	1141.5	1369.1	1549.7	1730.2	1759.8	1789.1
42.5°	861.2	1122.5	1383.6	1620.0	1856.2	1918.5	1980.7
45°	807.0	1109.4	1411.8	1715.5	2019.1	2118.8	2218.5
47.5°	754.9	1094.2	1433.5	1813.6	2193.7	2320.0	2446.2
50°	705.8	1068.3	1430.7	1899.2	2367.7	2538.8	2710.0
52.5°	656.0	1015.2	1374.6	1939.7	2504.6	2776.5	3048.3
55°	609.5	944.9	1279.9	1929.0	2578.1	3015.4	3452.6
57.5°	568.1	871.2	1174.4	1870.8	2567.1	3215.9	3864.8
60°	531.0	778.1	1025.3	1731.2	2437.1	3305.7	4174.1
62.5°	482.0	660.1	838.1	1502.4	2166.7	3106.4	4046.1
65°	*424.7*	*518.8*	*612.6*	*1178.5*	*1744.4*	*2679.4*	*3614.3*
67.5°	352.0	396.6	441.2	917.1	1393.0	2301.1	3209.3
70°	285.8	301.5	317.2	702.8	1088.4	1954.9	2821.4
72.5°	231.6	231.7	232.1	528.3	824.6	1623.3	2421.9
75°	171.9	172.9	174.0	391.6	609.2	1296.1	1983.0
77.5°	125.9	125.3	124.4	253.1	381.8	850.4	1318.9
80°	80.4	79.8	78.8	139.9	201.0	487.5	774.1
82.5°	49.0	48.8	48.7	75.2	101.7	244.3	387.0
85°	21.7	20.6	19.6	23.9	28.3	58.1	87.9
87.5°	7.1	6.6	6.3	6.4	6.6	6.9	7.1
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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

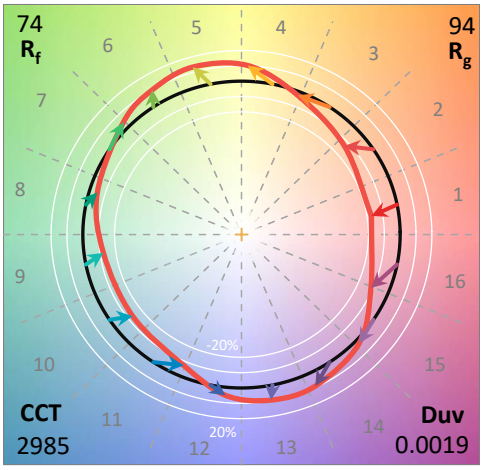
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-4
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-730-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985
CIE u':	0.2504
CIE v':	0.5243
Duv:	0.0019
CIE x:	0.4408
CIE y:	0.4101
CIE z:	0.1491
Peak Wavelength (nm):	595
Dominant Wavelength (nm):	582
Purity:	55.41818
Rf:	73.8
Rg:	94.4

CRI (Ra):	70.8
R1:	66.3
R2:	80.6
R3:	94.5
R4:	68.2
R5:	66.5
R6:	74.7
R7:	76.2
R8:	39.6
R9:	-43.2
R10:	57.6
R11:	64.8
R12:	53.5
R13:	68.7
R14:	97.0
R15:	56.4



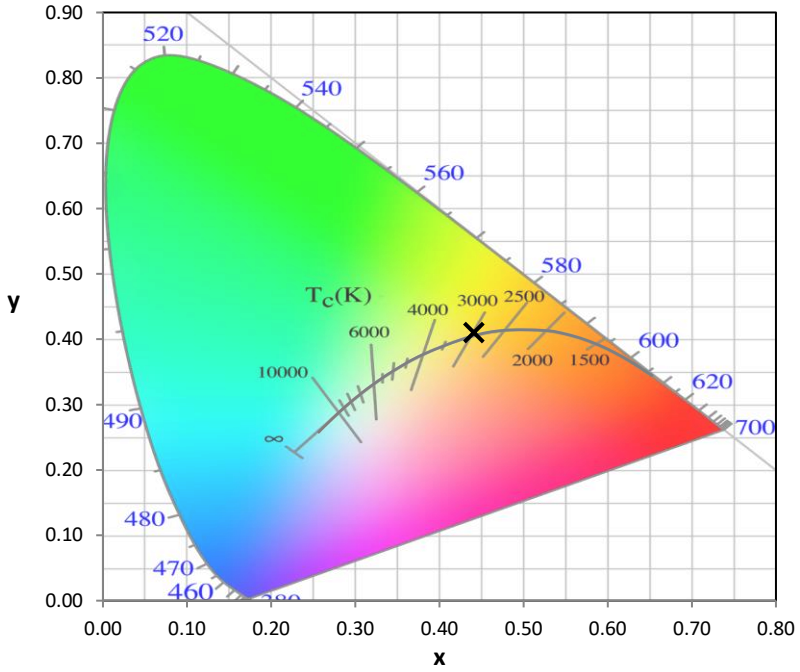
Test Conditions

Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

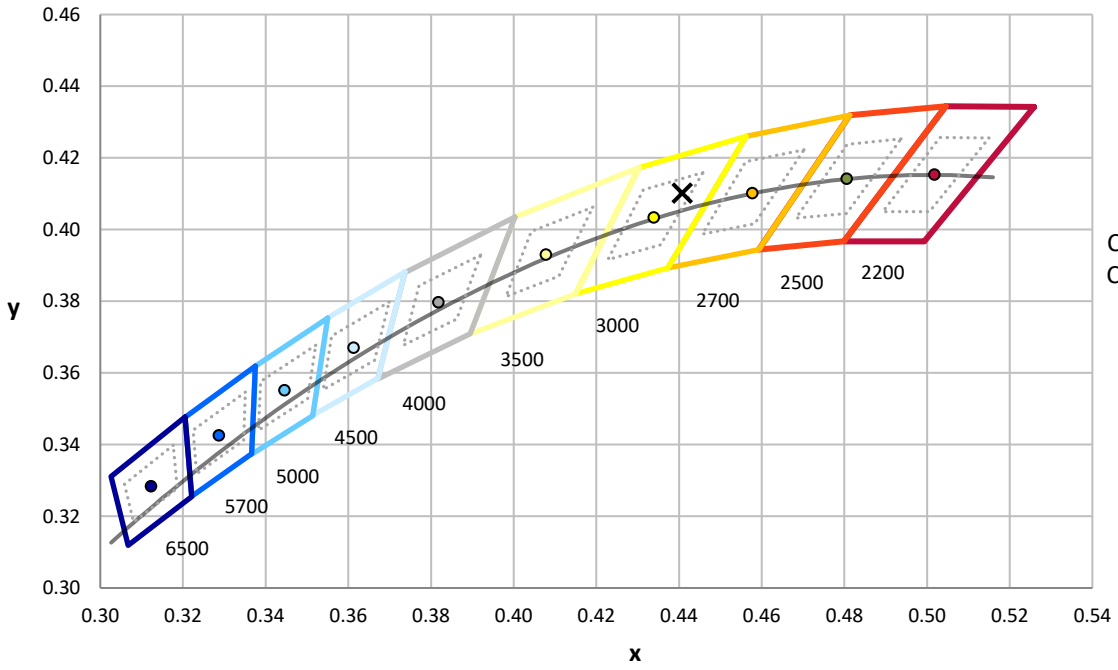
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



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

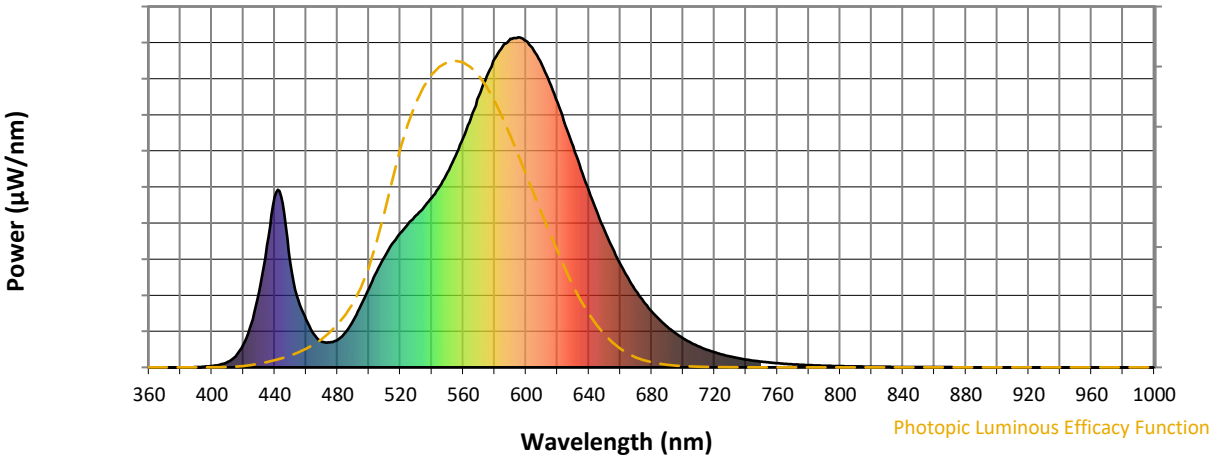


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

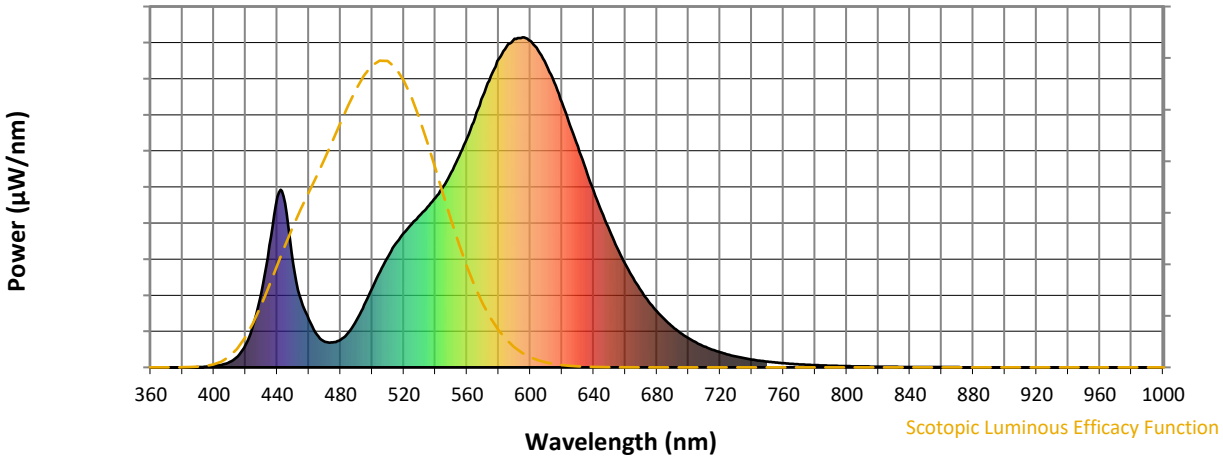


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

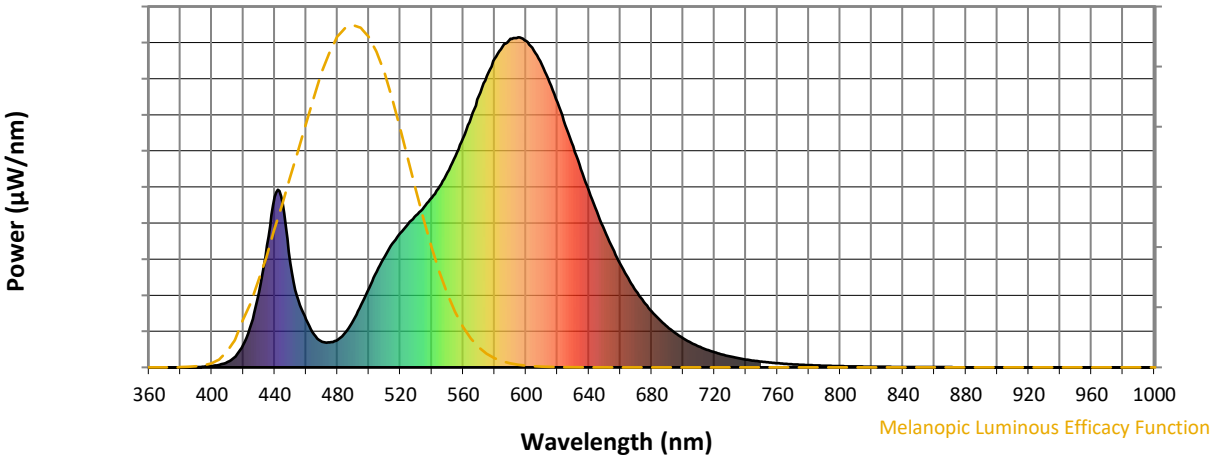


Scotopic Lumens: NR **S/P: 1.19**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.13**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

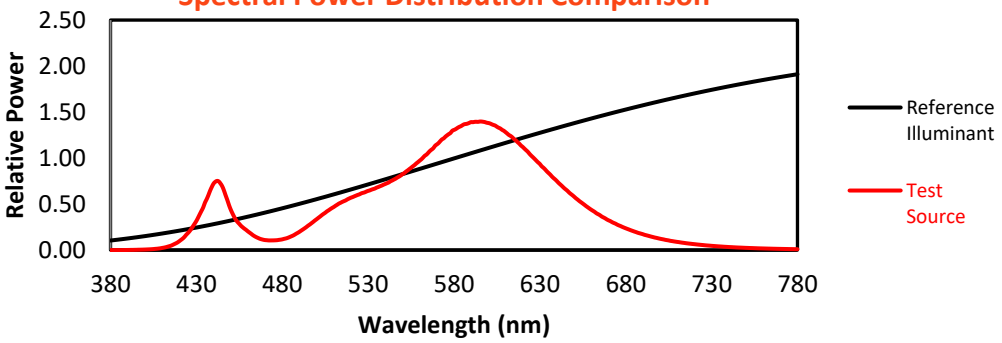
REPORT NUMBER: SP1-2407-184-4

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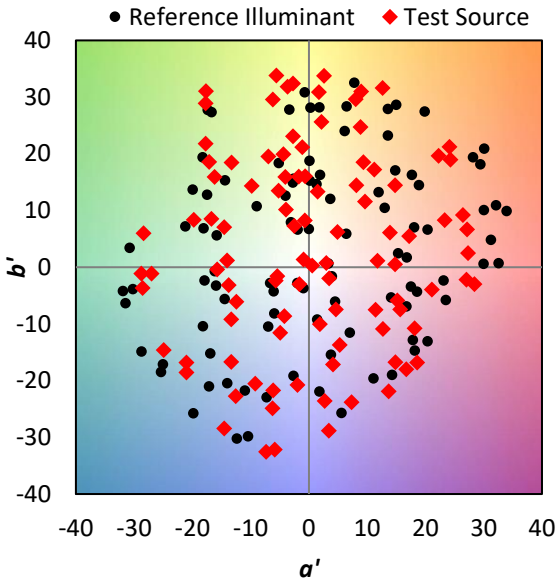
Summary

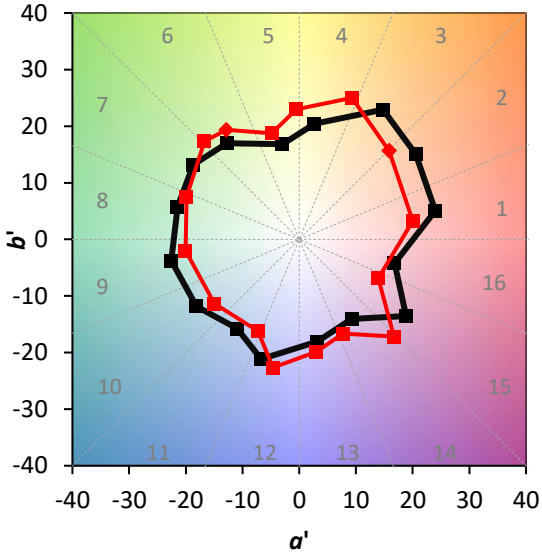
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

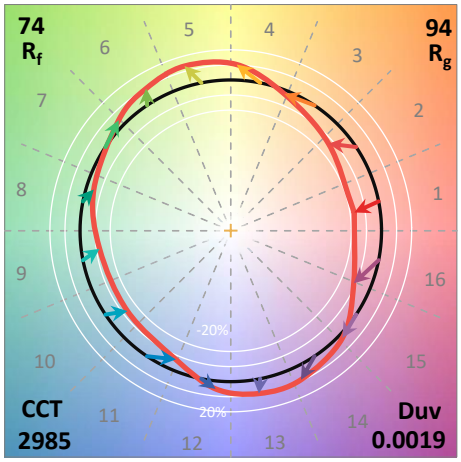
Spectral Power Distribution Comparison

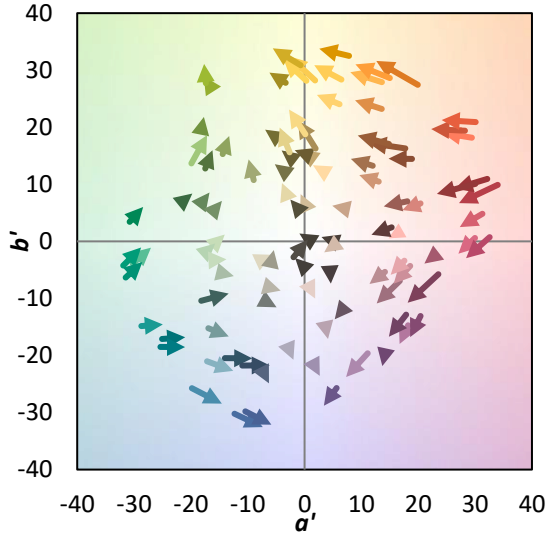


Color Vector Graphics







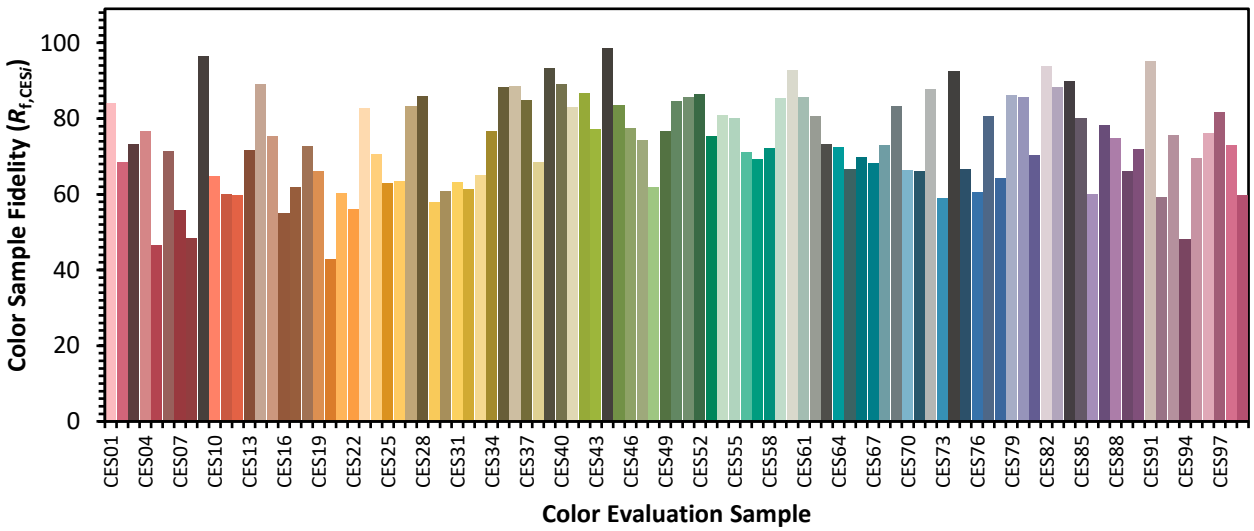


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Individual Sample Fidelity Index ($R_{f,i}$)

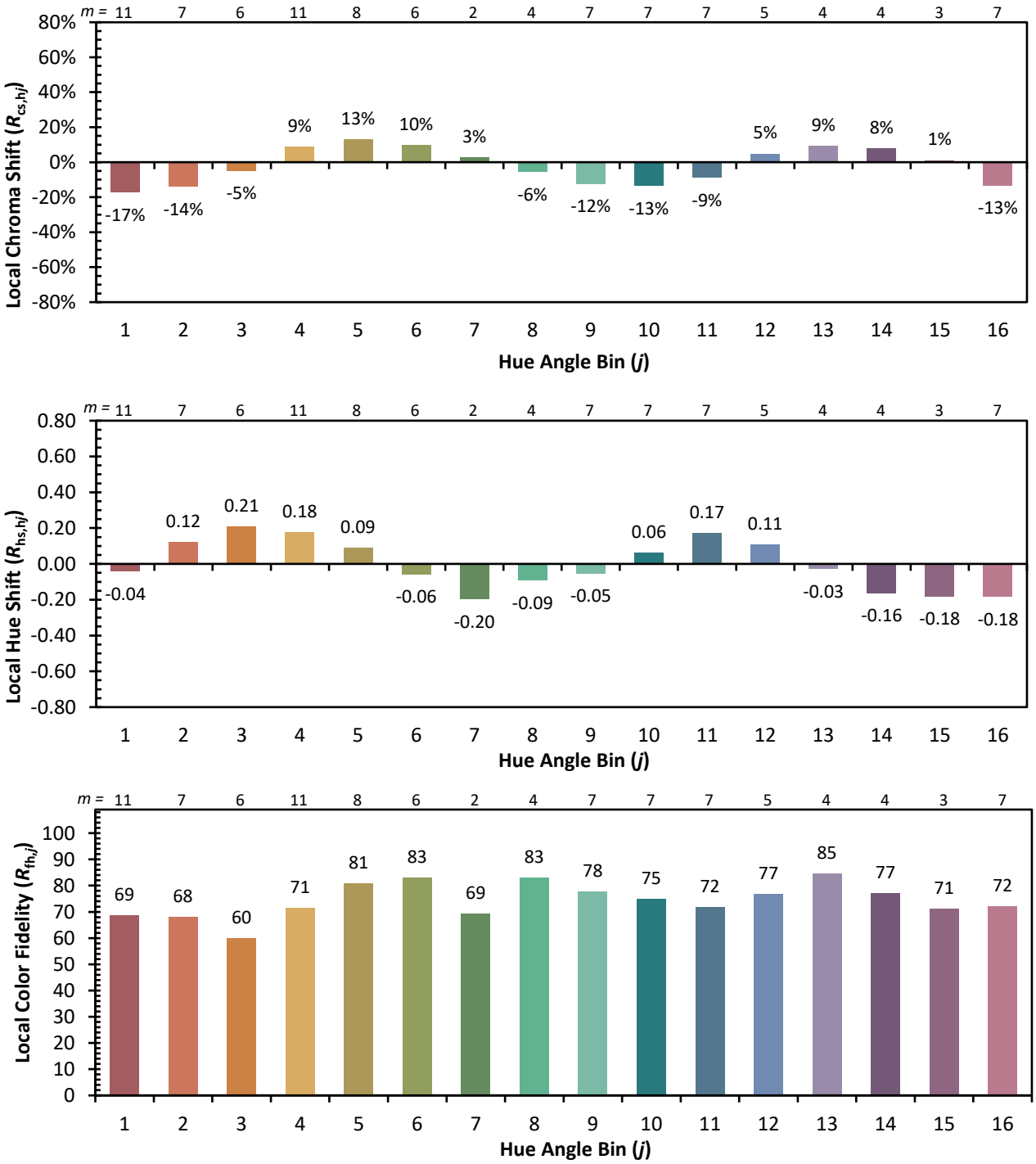
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CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



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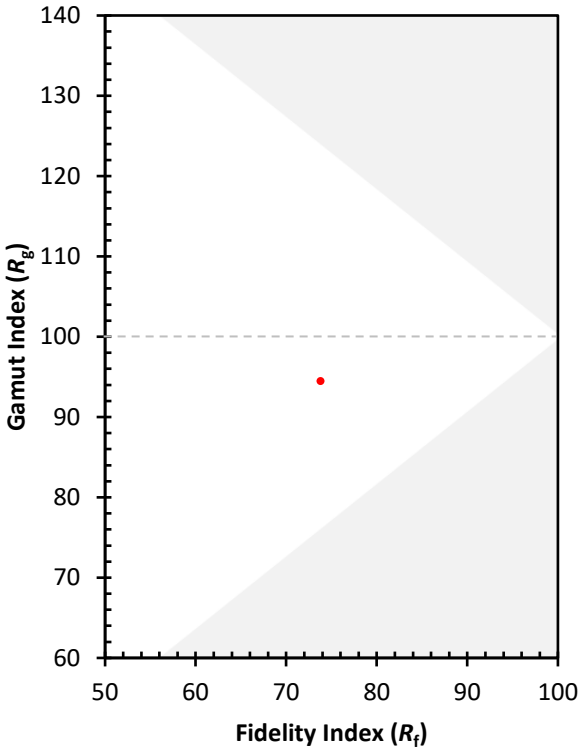
Color Rendition by Hue-Angle Bin

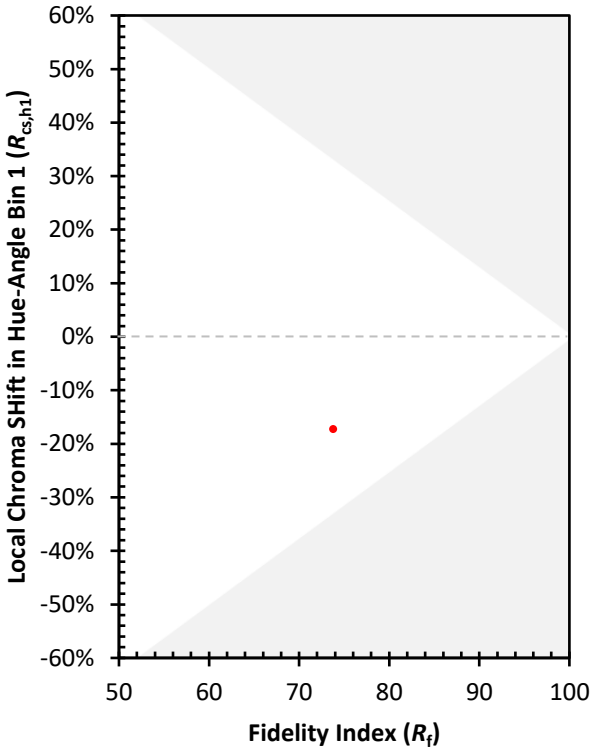


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Measure Comparisons





(END OF REPORT)