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: P1364219

Luminaire Tested: **GSS-SB2A-735-U-SLR**

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:	P1364219
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2A-735-U-SLR
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 58W 70CRI 3500K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC
Light Source:	(52) 3500K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7889.7 lumens
Efficiency:	N/A
Efficacy:	136.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G2

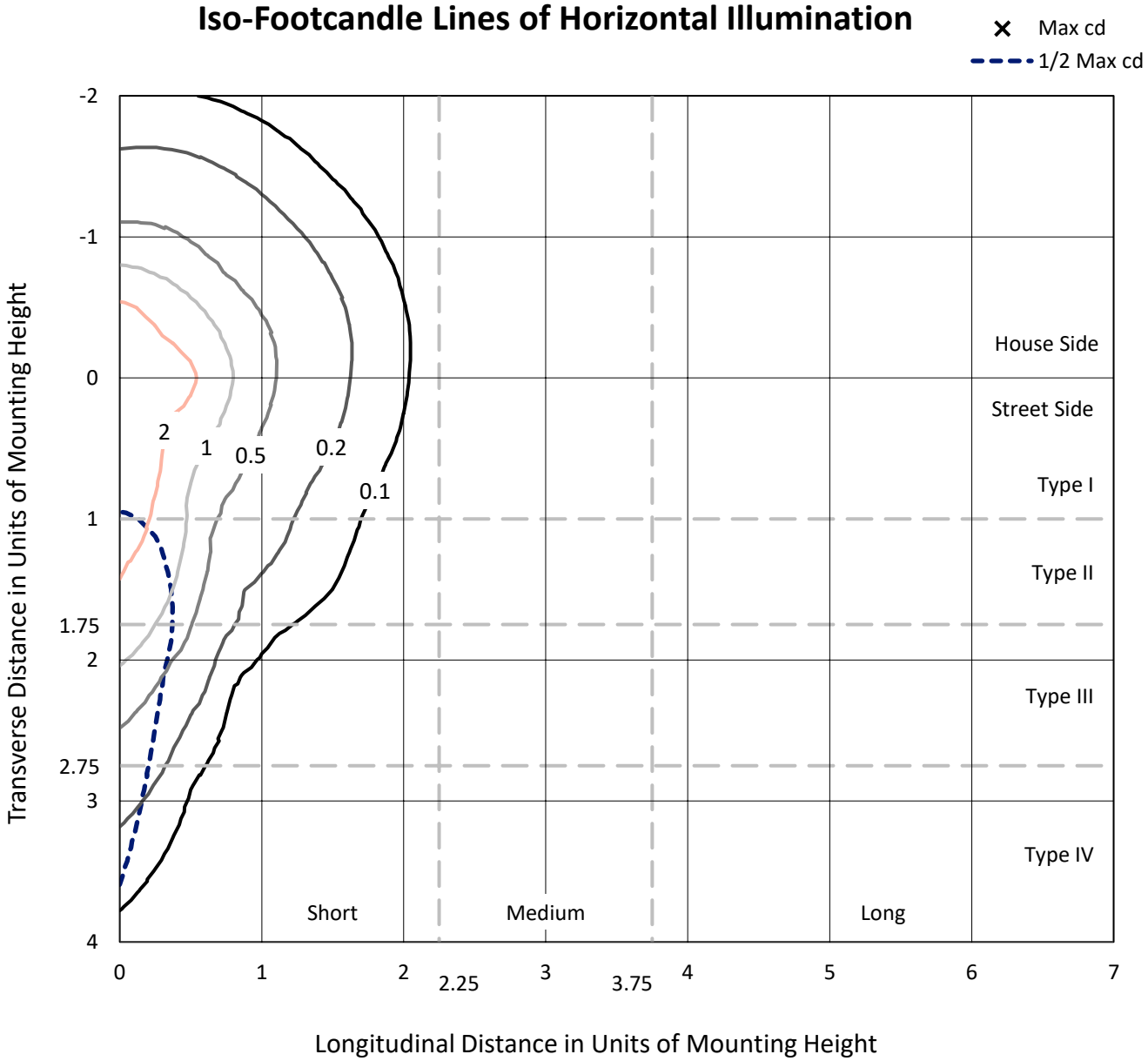
Input Watts (W):	58
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



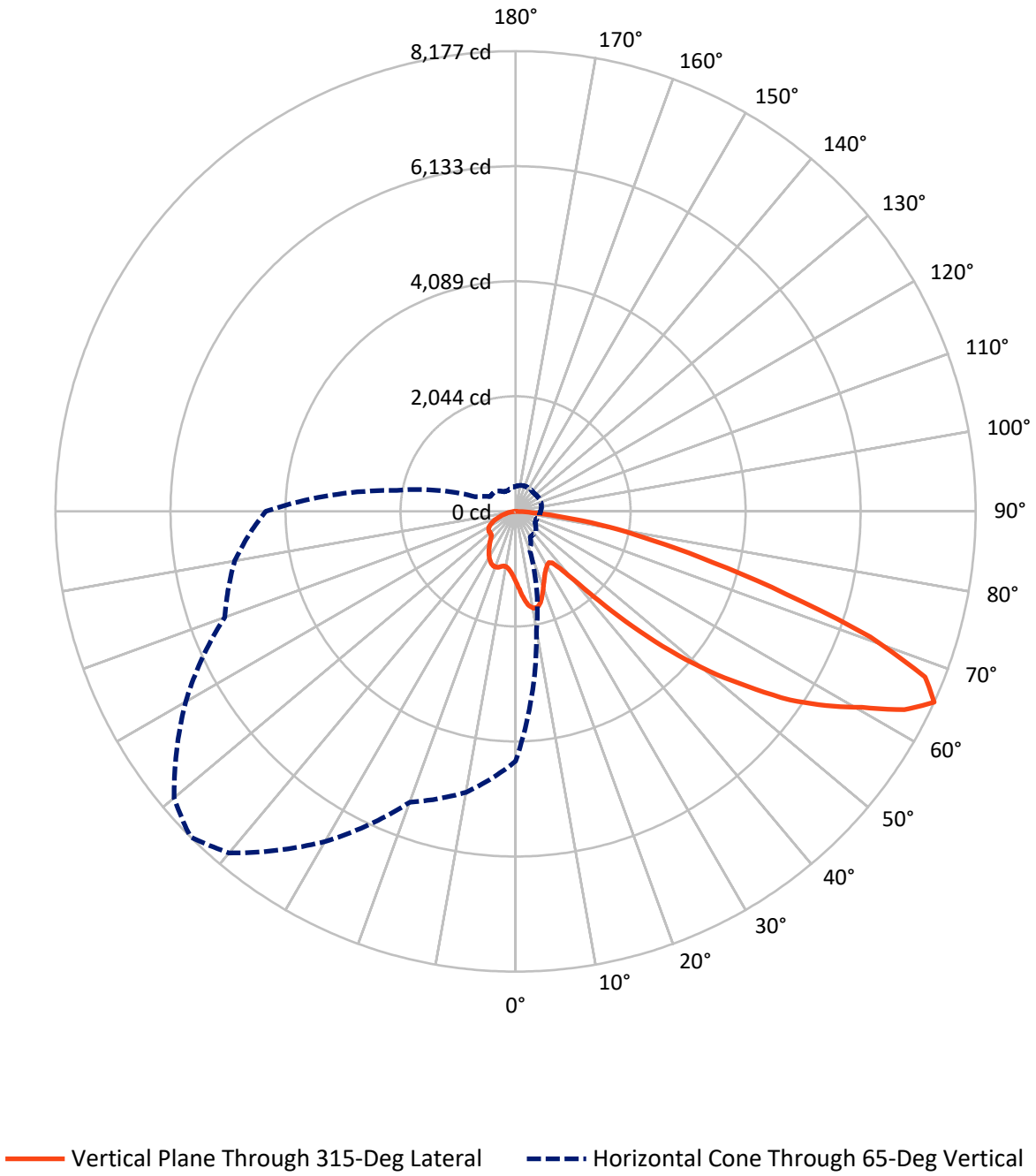
Based on 20 foot mounting height. Maximum calculated value = 3.8 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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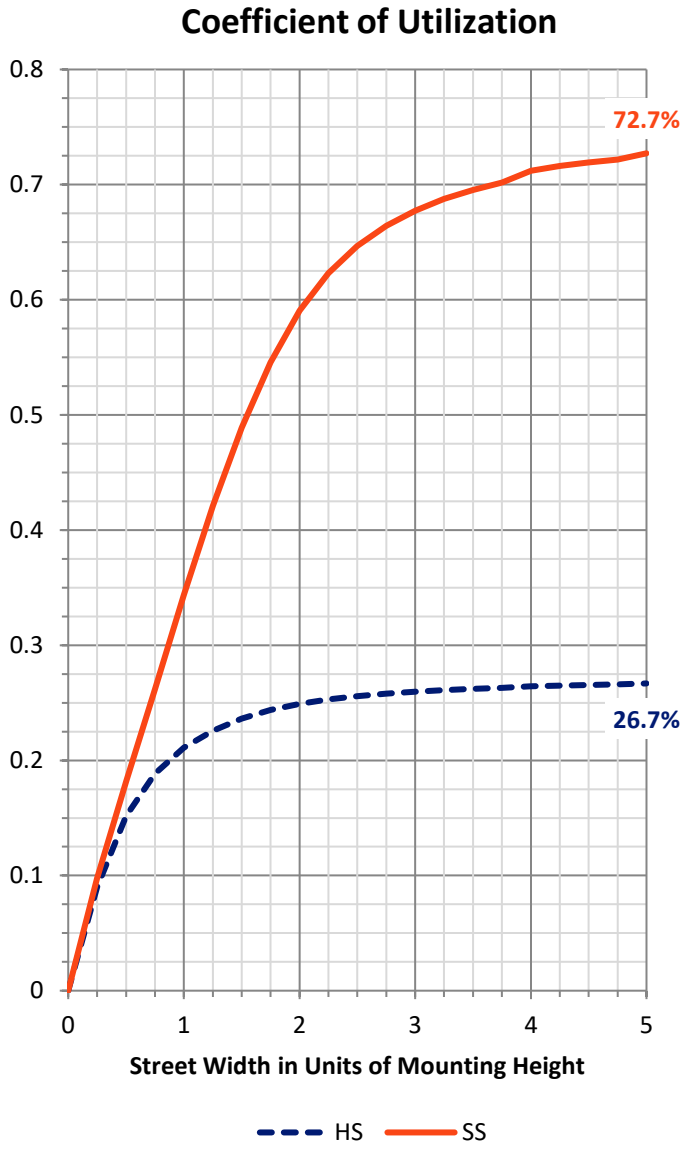
REPORT NUMBER: P1364219
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2122.5	0.0	2122.5
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	5767.2	0.0	5767.2
	% Fixture	73.1	0.0	73.1
Total	Lumens	7889.7	0.0	7889.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	124.2	1.6
10°-20°	380.7	4.8
20°-30°	589.1	7.5
30°-40°	730.9	9.3
40°-50°	1068.9	13.5
50°-60°	1674.3	21.2
60°-70°	1986.6	25.2
70°-80°	1158.7	14.7
80°-90°	176.3	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°	7889.7	100.0
0°-180°	7889.7	100.0



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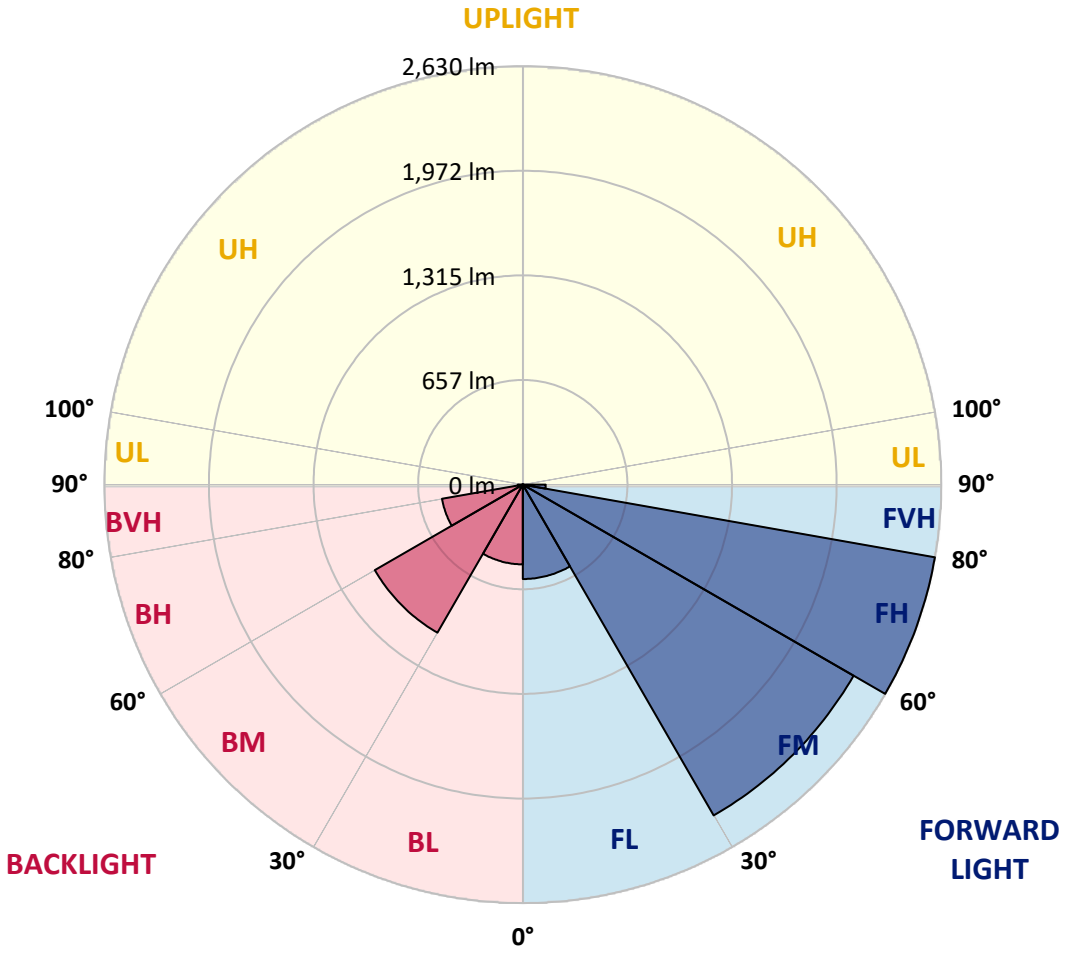
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	593.0	7.5			
FM	(30°-60°)	2400.2	30.4			
FH	(60°-80°)	2629.8	33.3			G2/5000
FVH	(80°-90°)	144.2	1.8			G2/225
BL	(0°-30°)	501.1	6.4	B2/1000		
BM	(30°-60°)	1073.9	13.6	B2/2500		
BH	(60°-80°)	515.5	6.5	B2/1000		G2/1000
BVH	(80°-90°)	32.1	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0
2.5°	1359.3	1347.0	1334.8	1323.6	1312.4	1301.2	1289.9	1279.1	1268.1	1257.1	1247.4
5°	1451.9	1430.1	1408.5	1385.8	1363.2	1341.0	1318.8	1297.8	1276.9	1255.1	1236.4
7.5°	1545.5	1508.9	1472.2	1437.7	1403.1	1372.3	1341.4	1313.8	1286.0	1257.1	1234.5
10°	1604.4	1560.6	1516.6	1473.7	1430.7	1392.7	1354.5	1322.7	1290.8	1260.0	1235.8
12.5°	1634.3	1590.7	1547.1	1499.0	1451.0	1408.3	1365.7	1330.6	1295.7	1261.9	1238.3
15°	1648.7	1604.6	1560.6	1511.8	1462.9	1417.0	1370.9	1331.3	1291.8	1254.2	1233.3
17.5°	1652.6	1611.3	1570.2	1518.1	1466.0	1413.5	1361.3	1315.1	1269.2	1225.2	1207.5
20°	1665.1	1623.5	1581.8	1525.8	1469.9	1408.3	1346.8	1286.2	1225.6	1167.3	1156.1
22.5°	1678.7	1640.5	1602.4	1540.9	1479.5	1404.3	1329.0	1253.0	1177.0	1107.5	1096.9
25°	1699.9	1666.9	1633.9	1566.7	1499.6	1403.9	1308.2	1213.5	1118.7	1039.0	1038.1
27.5°	1730.8	1705.5	1680.2	1604.6	1529.1	1407.6	1286.0	1172.9	1059.7	978.3	983.1
30°	1774.2	1754.3	1734.6	1649.3	1563.9	1415.5	1267.3	1137.6	1008.2	929.0	934.3
32.5°	1827.2	1814.9	1802.5	1702.0	1601.5	1424.3	1247.4	1106.8	966.3	893.4	893.4
35°	1916.9	1901.5	1886.1	1758.0	1630.0	1422.2	1214.6	1071.6	928.5	872.1	860.2
37.5°	2030.8	2012.5	1994.1	1826.3	1658.4	1416.2	1174.1	1032.7	891.4	847.0	824.3
40°	2198.7	2162.6	2126.3	1904.4	1682.5	1402.7	1123.0	986.2	849.4	814.2	785.7
42.5°	2434.1	2357.6	2281.0	1990.8	1700.3	1379.4	1058.3	930.8	803.1	778.5	743.2
45°	2726.4	2603.8	2481.3	2108.2	1735.0	1363.4	991.8	874.4	757.3	735.1	700.0
47.5°	3006.1	2851.0	2695.9	2228.8	1761.6	1344.7	927.7	818.5	709.7	684.0	651.2
50°	3330.3	3120.0	2909.7	2333.9	1758.2	1312.8	867.3	768.7	669.9	634.8	602.4
52.5°	3746.1	3412.1	3077.9	2383.7	1689.3	1247.6	806.1	723.9	642.1	597.2	562.4
55°	4242.9	3705.6	3168.2	2370.6	1572.9	1161.2	749.0	686.5	623.6	578.8	537.9
57.5°	4749.4	3952.0	3154.7	2299.0	1443.3	1070.7	698.1	654.9	611.6	574.0	523.9
60°	5129.5	4062.3	2995.0	2127.5	1260.0	956.3	652.6	622.3	592.0	562.4	512.3
62.5°	4972.3	3817.5	2662.7	1846.3	1030.0	811.2	592.4	575.4	558.6	546.0	498.2
65°	*4441.7*	*3292.7*	*2143.7*	*1448.3*	*752.9*	*637.5*	*521.9*	*518.3*	*514.8*	*511.3*	*471.8*
67.5°	3943.9	2827.9	1711.8	1127.0	542.2	487.4	432.6	442.8	453.0	458.3	431.2
70°	3467.3	2402.4	1337.5	863.6	389.8	370.5	351.2	366.4	381.7	380.1	367.0
72.5°	2976.2	1994.9	1013.4	649.3	285.2	284.8	284.6	296.2	307.8	292.3	300.6
75°	2436.9	1592.8	748.6	481.2	213.8	212.4	211.3	225.0	238.9	245.0	250.4
77.5°	1620.8	1045.0	469.3	311.0	152.8	154.0	154.7	169.8	184.8	202.6	203.6
80°	951.2	599.1	247.0	171.9	96.9	98.0	98.8	114.6	130.2	155.3	154.4
82.5°	475.6	300.2	125.0	92.4	59.8	60.0	60.2	67.9	75.6	89.7	93.6
85°	108.1	71.4	34.7	29.3	24.1	25.3	26.6	31.6	36.7	44.4	46.7
87.5°	8.7	8.5	8.1	7.9	7.7	8.1	8.7	9.6	10.6	11.6	13.5
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°	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0
2.5°	1237.0	1226.8	1218.7	1210.8	1203.8	1196.7	1188.4	1179.9	1173.9	1167.7	1163.7
5°	1217.9	1199.8	1184.7	1169.7	1157.3	1144.6	1133.4	1122.0	1113.1	1104.1	1096.7
7.5°	1211.9	1189.5	1170.0	1150.4	1133.8	1117.2	1103.3	1089.2	1075.9	1062.8	1054.3
10°	1212.1	1188.6	1168.5	1148.4	1130.9	1113.3	1095.0	1076.7	1062.0	1047.3	1034.6
12.5°	1218.7	1199.2	1185.1	1171.2	1155.0	1138.8	1117.0	1095.0	1075.1	1055.4	1039.8
15°	1220.6	1207.9	1206.7	1205.5	1199.9	1194.4	1174.1	1153.8	1126.4	1098.8	1076.5
17.5°	1205.7	1204.0	1223.1	1242.2	1253.2	1264.2	1250.1	1235.8	1197.2	1158.7	1125.3
20°	1167.1	1178.0	1215.4	1252.6	1282.3	1312.1	1310.5	1309.2	1258.8	1208.2	1164.4
22.5°	1113.1	1129.1	1178.0	1226.8	1269.6	1312.4	1323.4	1334.2	1284.8	1235.3	1181.2
25°	1055.6	1073.2	1118.3	1163.5	1209.6	1255.7	1276.2	1296.6	1255.9	1215.2	1162.7
27.5°	999.9	1016.8	1050.4	1084.0	1121.0	1158.1	1181.0	1204.0	1179.1	1154.2	1111.8
30°	947.4	960.5	984.8	1009.1	1034.2	1059.3	1077.6	1095.9	1079.5	1063.1	1032.7
32.5°	898.9	904.5	920.4	936.2	954.9	973.4	983.7	993.7	981.0	968.2	948.2
35°	855.5	850.9	861.3	871.7	886.8	902.0	909.8	917.5	906.9	896.2	878.3
37.5°	811.9	799.2	804.2	808.8	821.8	834.5	845.5	856.7	849.0	841.3	826.0
40°	767.2	748.6	748.3	747.7	760.0	772.2	786.1	799.8	798.4	796.9	782.4
42.5°	719.7	696.2	693.7	691.1	703.3	715.5	730.1	744.8	747.7	750.6	738.6
45°	675.7	651.8	647.9	644.1	654.5	665.3	681.3	697.5	704.3	711.0	700.2
47.5°	630.6	609.7	607.4	604.9	615.9	627.1	644.8	662.8	669.9	677.3	669.9
50°	585.4	568.2	571.1	574.0	586.2	598.1	612.0	626.1	639.4	652.6	651.2
52.5°	549.7	536.8	545.9	554.7	565.7	576.9	591.4	605.9	619.8	633.8	636.0
55°	523.7	509.4	522.1	534.9	548.2	561.5	575.0	588.5	601.6	614.5	617.4
57.5°	503.8	483.9	496.7	509.4	523.9	538.3	551.8	565.3	580.6	595.8	598.1
60°	487.2	462.1	470.6	478.9	493.8	508.4	522.5	536.4	551.8	567.3	570.4
62.5°	465.4	432.6	433.7	434.5	451.3	467.9	479.5	491.1	505.7	520.6	525.0
65°	*436.5*	*401.3*	*397.5*	*393.6*	*409.4*	*425.5*	*434.5*	*443.8*	*456.5*	*469.3*	*473.7*
67.5°	400.2	368.9	361.0	353.1	367.8	382.4	389.9	397.5	406.2	414.8	419.9
70°	348.5	329.9	324.9	319.9	331.9	343.8	350.4	357.0	363.9	370.8	373.5
72.5°	296.4	292.3	288.7	285.2	294.2	303.3	308.9	314.5	321.1	327.6	329.2
75°	248.1	246.0	243.3	240.8	247.7	254.7	258.9	263.4	270.1	276.9	279.8
77.5°	198.5	193.3	190.6	187.5	193.9	200.3	204.3	208.4	214.0	219.6	220.3
80°	148.2	141.8	139.7	137.4	142.0	146.6	148.2	149.5	154.2	158.6	158.6
82.5°	93.6	93.6	92.2	90.7	89.7	88.8	86.8	84.9	89.5	94.2	95.7
85°	47.1	47.3	45.2	42.8	40.1	37.0	36.5	35.7	35.5	35.1	36.5
87.5°	14.7	15.8	17.0	17.8	18.9	19.7	19.1	18.3	17.6	17.0	15.4
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°	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0
2.5°	1159.6	1157.7	1155.8	1154.2	1152.9	1151.9	1152.9	1154.2	1155.8	1157.7	1159.6
5°	1089.2	1086.1	1082.8	1080.7	1078.6	1076.7	1078.6	1080.7	1082.8	1086.1	1089.2
7.5°	1045.8	1040.8	1035.7	1032.1	1028.4	1026.5	1028.4	1032.1	1035.7	1040.8	1045.8
10°	1022.2	1015.1	1008.2	1004.3	1000.4	997.5	1000.4	1004.3	1008.2	1015.1	1022.2
12.5°	1024.2	1015.3	1006.8	1001.0	995.2	991.8	995.2	1001.0	1006.8	1015.3	1024.2
15°	1053.9	1041.5	1028.8	1021.7	1014.5	1009.1	1014.5	1021.7	1028.8	1041.5	1053.9
17.5°	1092.1	1074.0	1055.8	1049.4	1042.9	1040.0	1042.9	1049.4	1055.8	1074.0	1092.1
20°	1120.6	1096.3	1072.4	1062.8	1053.1	1049.6	1053.1	1062.8	1072.4	1096.3	1120.6
22.5°	1127.2	1098.7	1069.9	1060.8	1051.6	1047.7	1051.6	1060.8	1069.9	1098.7	1127.2
25°	1110.4	1080.3	1050.0	1040.8	1031.3	1028.4	1031.3	1040.8	1050.0	1080.3	1110.4
27.5°	1069.3	1042.7	1015.9	1006.0	996.0	989.8	996.0	1006.0	1015.9	1042.7	1069.3
30°	1002.4	982.5	962.8	956.6	950.3	947.4	950.3	956.6	962.8	982.5	1002.4
32.5°	928.1	915.7	903.4	899.3	895.3	893.4	895.3	899.3	903.4	915.7	928.1
35°	860.6	851.7	842.8	839.5	836.4	833.5	836.4	839.5	842.8	851.7	860.6
37.5°	810.8	800.4	789.5	783.8	778.0	773.7	778.0	783.8	789.5	800.4	810.8
40°	767.9	752.9	738.0	730.1	722.0	717.8	722.0	730.1	738.0	752.9	767.9
42.5°	726.5	709.1	691.7	679.6	667.6	659.9	667.6	679.6	691.7	709.1	726.5
45°	689.2	669.7	650.2	635.8	621.3	611.6	621.3	635.8	650.2	669.7	689.2
47.5°	662.8	646.0	629.0	616.3	603.5	594.3	603.5	616.3	629.0	646.0	662.8
50°	649.9	636.5	623.2	611.3	599.1	590.4	599.1	611.3	623.2	636.5	649.9
52.5°	638.3	628.6	619.0	608.6	598.1	590.4	598.1	608.6	619.0	628.6	638.3
55°	620.3	613.4	606.2	598.5	590.8	584.6	590.8	598.5	606.2	613.4	620.3
57.5°	600.5	593.1	585.6	579.8	574.0	571.1	574.0	579.8	585.6	593.1	600.5
60°	573.4	567.7	561.9	556.5	550.9	546.0	550.9	556.5	561.9	567.7	573.4
62.5°	529.6	526.9	524.4	518.3	512.3	505.5	512.3	518.3	524.4	526.9	529.6
65°	*478.1*	*476.8*	*475.6*	*471.2*	*466.9*	*459.2*	*466.9*	*471.2*	*475.6*	*476.8*	*478.1*
67.5°	424.9	422.4	419.7	415.0	410.6	409.1	410.6	415.0	419.7	422.4	424.9
70°	376.3	372.4	368.5	358.1	347.7	335.7	347.7	358.1	368.5	372.4	376.3
72.5°	330.9	324.9	318.8	306.6	294.2	281.7	294.2	306.6	318.8	324.9	330.9
75°	282.7	274.2	265.9	253.0	240.2	231.5	240.2	253.0	265.9	274.2	282.7
77.5°	221.5	214.2	206.8	199.1	191.4	187.2	191.4	199.1	206.8	214.2	221.5
80°	158.6	153.2	147.6	143.7	139.9	137.0	139.9	143.7	147.6	153.2	158.6
82.5°	97.4	94.9	92.6	88.4	83.9	81.0	83.9	88.4	92.6	94.9	97.4
85°	37.6	37.0	36.7	35.1	33.8	32.8	33.8	35.1	36.7	37.0	37.6
87.5°	13.9	12.7	11.6	10.8	10.0	9.6	10.0	10.8	11.6	12.7	13.9
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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REPORT NUMBER: P1364219
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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0
2.5°	1163.7	1167.7	1173.9	1179.9	1188.4	1196.7	1203.8	1210.8	1218.7	1226.8	1237.0
5°	1096.7	1104.1	1113.1	1122.0	1133.4	1144.6	1157.3	1169.7	1184.7	1199.8	1217.9
7.5°	1054.3	1062.8	1075.9	1089.2	1103.3	1117.2	1133.8	1150.4	1170.0	1189.5	1211.9
10°	1034.6	1047.3	1062.0	1076.7	1095.0	1113.3	1130.9	1148.4	1168.5	1188.6	1212.1
12.5°	1039.8	1055.4	1075.1	1095.0	1117.0	1138.8	1155.0	1171.2	1185.1	1199.2	1218.7
15°	1076.5	1098.8	1126.4	1153.8	1174.1	1194.4	1199.9	1205.5	1206.7	1207.9	1220.6
17.5°	1125.3	1158.7	1197.2	1235.8	1250.1	1264.2	1253.2	1242.2	1223.1	1204.0	1205.7
20°	1164.4	1208.2	1258.8	1309.2	1310.5	1312.1	1282.3	1252.6	1215.4	1178.0	1167.1
22.5°	1181.2	1235.3	1284.8	1334.2	1323.4	1312.4	1269.6	1226.8	1178.0	1129.1	1113.1
25°	1162.7	1215.2	1255.9	1296.6	1276.2	1255.7	1209.6	1163.5	1118.3	1073.2	1055.6
27.5°	1111.8	1154.2	1179.1	1204.0	1181.0	1158.1	1121.0	1084.0	1050.4	1016.8	999.9
30°	1032.7	1063.1	1079.5	1095.9	1077.6	1059.3	1034.2	1009.1	984.8	960.5	947.4
32.5°	948.2	968.2	981.0	993.7	983.7	973.4	954.9	936.2	920.4	904.5	898.9
35°	878.3	896.2	906.9	917.5	909.8	902.0	886.8	871.7	861.3	850.9	855.5
37.5°	826.0	841.3	849.0	856.7	845.5	834.5	821.8	808.8	804.2	799.2	811.9
40°	782.4	796.9	798.4	799.8	786.1	772.2	760.0	747.7	748.3	748.6	767.2
42.5°	738.6	750.6	747.7	744.8	730.1	715.5	703.3	691.1	693.7	696.2	719.7
45°	700.2	711.0	704.3	697.5	681.3	665.3	654.5	644.1	647.9	651.8	675.7
47.5°	669.9	677.3	669.9	662.8	644.8	627.1	615.9	604.9	607.4	609.7	630.6
50°	651.2	652.6	639.4	626.1	612.0	598.1	586.2	574.0	571.1	568.2	585.4
52.5°	636.0	633.8	619.8	605.9	591.4	576.9	565.7	554.7	545.9	536.8	549.7
55°	617.4	614.5	601.6	588.5	575.0	561.5	548.2	534.9	522.1	509.4	523.7
57.5°	598.1	595.8	580.6	565.3	551.8	538.3	523.9	509.4	496.7	483.9	503.8
60°	570.4	567.3	551.8	536.4	522.5	508.4	493.8	478.9	470.6	462.1	487.2
62.5°	525.0	520.6	505.7	491.1	479.5	467.9	451.3	434.5	433.7	432.6	465.4
65°	*473.7*	*469.3*	*456.5*	*443.8*	*434.5*	*425.5*	*409.4*	*393.6*	*397.5*	*401.3*	*436.5*
67.5°	419.9	414.8	406.2	397.5	389.9	382.4	367.8	353.1	361.0	368.9	400.2
70°	373.5	370.8	363.9	357.0	350.4	343.8	331.9	319.9	324.9	329.9	348.5
72.5°	329.2	327.6	321.1	314.5	308.9	303.3	294.2	285.2	288.7	292.3	296.4
75°	279.8	276.9	270.1	263.4	258.9	254.7	247.7	240.8	243.3	246.0	248.1
77.5°	220.3	219.6	214.0	208.4	204.3	200.3	193.9	187.5	190.6	193.3	198.5
80°	158.6	158.6	154.2	149.5	148.2	146.6	142.0	137.4	139.7	141.8	148.2
82.5°	95.7	94.2	89.5	84.9	86.8	88.8	89.7	90.7	92.2	93.6	93.6
85°	36.5	35.1	35.5	35.7	36.5	37.0	40.1	42.8	45.2	47.3	47.1
87.5°	15.4	17.0	17.6	18.3	19.1	19.7	18.9	17.8	17.0	15.8	14.7
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°	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0
2.5°	1247.4	1257.1	1268.1	1279.1	1289.9	1301.2	1312.4	1323.6	1334.8	1347.0	1359.3
5°	1236.4	1255.1	1276.9	1297.8	1318.8	1341.0	1363.2	1385.8	1408.5	1430.1	1451.9
7.5°	1234.5	1257.1	1286.0	1313.8	1341.4	1372.3	1403.1	1437.7	1472.2	1508.9	1545.5
10°	1235.8	1260.0	1290.8	1322.7	1354.5	1392.7	1430.7	1473.7	1516.6	1560.6	1604.4
12.5°	1238.3	1261.9	1295.7	1330.6	1365.7	1408.3	1451.0	1499.0	1547.1	1590.7	1634.3
15°	1233.3	1254.2	1291.8	1331.3	1370.9	1417.0	1462.9	1511.8	1560.6	1604.6	1648.7
17.5°	1207.5	1225.2	1269.2	1315.1	1361.3	1413.5	1466.0	1518.1	1570.2	1611.3	1652.6
20°	1156.1	1167.3	1225.6	1286.2	1346.8	1408.3	1469.9	1525.8	1581.8	1623.5	1665.1
22.5°	1096.9	1107.5	1177.0	1253.0	1329.0	1404.3	1479.5	1540.9	1602.4	1640.5	1678.7
25°	1038.1	1039.0	1118.7	1213.5	1308.2	1403.9	1499.6	1566.7	1633.9	1666.9	1699.9
27.5°	983.1	978.3	1059.7	1172.9	1286.0	1407.6	1529.1	1604.6	1680.2	1705.5	1730.8
30°	934.3	929.0	1008.2	1137.6	1267.3	1415.5	1563.9	1649.3	1734.6	1754.3	1774.2
32.5°	893.4	893.4	966.3	1106.8	1247.4	1424.3	1601.5	1702.0	1802.5	1814.9	1827.2
35°	860.2	872.1	928.5	1071.6	1214.6	1422.2	1630.0	1758.0	1886.1	1901.5	1916.9
37.5°	824.3	847.0	891.4	1032.7	1174.1	1416.2	1658.4	1826.3	1994.1	2012.5	2030.8
40°	785.7	814.2	849.4	986.2	1123.0	1402.7	1682.5	1904.4	2126.3	2162.6	2198.7
42.5°	743.2	778.5	803.1	930.8	1058.3	1379.4	1700.3	1990.8	2281.0	2357.6	2434.1
45°	700.0	735.1	757.3	874.4	991.8	1363.4	1735.0	2108.2	2481.3	2603.8	2726.4
47.5°	651.2	684.0	709.7	818.5	927.7	1344.7	1761.6	2228.8	2695.9	2851.0	3006.1
50°	602.4	634.8	669.9	768.7	867.3	1312.8	1758.2	2333.9	2909.7	3120.0	3330.3
52.5°	562.4	597.2	642.1	723.9	806.1	1247.6	1689.3	2383.7	3077.9	3412.1	3746.1
55°	537.9	578.8	623.6	686.5	749.0	1161.2	1572.9	2370.6	3168.2	3705.6	4242.9
57.5°	523.9	574.0	611.6	654.9	698.1	1070.7	1443.3	2299.0	3154.7	3952.0	4749.4
60°	512.3	562.4	592.0	622.3	652.6	956.3	1260.0	2127.5	2995.0	4062.3	5129.5
62.5°	498.2	546.0	558.6	575.4	592.4	811.2	1030.0	1846.3	2662.7	3817.5	4972.3
65°	*471.8*	*511.3*	*514.8*	*518.3*	*521.9*	*637.5*	*752.9*	*1448.3*	*2143.7*	*3292.7*	*4441.7*
67.5°	431.2	458.3	453.0	442.8	432.6	487.4	542.2	1127.0	1711.8	2827.9	3943.9
70°	367.0	380.1	381.7	366.4	351.2	370.5	389.8	863.6	1337.5	2402.4	3467.3
72.5°	300.6	292.3	307.8	296.2	284.6	284.8	285.2	649.3	1013.4	1994.9	2976.2
75°	250.4	245.0	238.9	225.0	211.3	212.4	213.8	481.2	748.6	1592.8	2436.9
77.5°	203.6	202.6	184.8	169.8	154.7	154.0	152.8	311.0	469.3	1045.0	1620.8
80°	154.4	155.3	130.2	114.6	98.8	98.0	96.9	171.9	247.0	599.1	951.2
82.5°	93.6	89.7	75.6	67.9	60.2	60.0	59.8	92.4	125.0	300.2	475.6
85°	46.7	44.4	36.7	31.6	26.6	25.3	24.1	29.3	34.7	71.4	108.1
87.5°	13.5	11.6	10.6	9.6	8.7	8.1	7.7	7.9	8.1	8.5	8.7
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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REPORT NUMBER: P1364219
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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0
2.5°	1364.1	1369.0	1374.2	1379.6	1382.7	1385.8	1389.0	1392.1	1395.0	1392.1	1389.0
5°	1473.7	1495.4	1510.0	1524.7	1535.9	1547.1	1553.4	1560.0	1561.0	1560.0	1553.4
7.5°	1571.4	1597.2	1619.6	1642.0	1656.3	1670.6	1678.8	1687.3	1690.2	1687.3	1678.8
10°	1634.7	1665.1	1686.8	1708.6	1721.9	1735.0	1741.6	1748.1	1750.0	1748.1	1741.6
12.5°	1663.4	1692.5	1709.3	1725.9	1734.4	1742.7	1745.8	1748.5	1746.2	1748.5	1745.8
15°	1665.9	1682.9	1690.0	1697.0	1692.9	1688.7	1682.7	1676.7	1672.9	1676.7	1682.7
17.5°	1658.6	1664.8	1651.8	1639.1	1615.9	1592.8	1575.4	1558.1	1545.5	1558.1	1575.4
20°	1655.5	1645.9	1611.5	1577.4	1533.9	1490.5	1461.4	1432.1	1414.3	1432.1	1461.4
22.5°	1651.4	1624.2	1566.6	1508.9	1449.4	1390.2	1356.6	1323.2	1304.3	1323.2	1356.6
25°	1653.2	1606.3	1528.3	1450.6	1380.7	1311.1	1274.6	1238.3	1217.5	1238.3	1274.6
27.5°	1659.4	1588.0	1491.5	1395.0	1319.4	1243.6	1208.8	1174.1	1155.8	1174.1	1208.8
30°	1679.4	1584.5	1469.1	1353.5	1274.4	1195.3	1161.4	1127.2	1107.5	1127.2	1161.4
32.5°	1707.6	1588.0	1458.7	1329.4	1248.8	1168.3	1135.7	1103.3	1086.3	1103.3	1135.7
35°	1765.5	1614.0	1470.7	1327.5	1252.6	1178.0	1154.0	1130.3	1121.0	1130.3	1154.0
37.5°	1853.9	1676.7	1529.1	1381.5	1330.6	1279.6	1279.6	1279.6	1287.0	1279.6	1279.6
40°	1999.9	1801.2	1661.5	1522.0	1518.9	1516.2	1548.6	1581.2	1595.7	1581.2	1548.6
42.5°	2223.9	2014.0	1901.3	1788.6	1856.2	1923.7	2017.5	2111.2	2172.6	2111.2	2017.5
45°	2521.8	2317.3	2238.6	2160.1	2310.4	2460.5	2626.2	2792.0	2909.7	2792.0	2626.2
47.5°	2834.0	2661.7	2616.8	2572.0	2821.9	3071.7	3314.7	3557.6	3700.8	3557.6	3314.7
50°	3175.6	3020.6	3011.9	3003.2	3336.1	3668.9	3982.5	4296.0	4470.6	4296.0	3982.5
52.5°	3576.1	3405.9	3412.9	3419.4	3814.8	4210.1	4589.3	4968.4	5165.2	4968.4	4589.3
55°	4029.7	3816.5	3815.4	3814.2	4268.4	4723.0	5188.8	5654.9	5917.7	5654.9	5188.8
57.5°	4549.7	4350.0	4302.6	4254.9	4729.9	5204.8	5719.2	6233.8	6510.1	6233.8	5719.2
60°	5019.6	4909.6	4833.6	4757.7	5245.5	5733.5	6264.9	6796.0	7071.6	6796.0	6264.9
62.5°	5168.9	5365.5	5359.9	5354.3	5880.9	6407.4	6960.1	7513.0	7760.4	7513.0	6960.1
65°	4755.2	5068.8	5284.5	5500.0	6136.5	6772.9	7348.7	7924.4	8177.2	7924.4	7348.7
67.5°	4220.2	4496.7	4673.2	4849.8	5567.0	6284.3	6937.7	7591.0	7851.1	7591.0	6937.7
70°	3773.3	4079.3	4205.5	4331.7	4941.0	5550.2	6067.1	6583.8	6685.7	6583.8	6067.1
72.5°	3340.1	3704.2	3757.7	3811.1	4254.5	4697.9	4973.3	5248.6	5026.3	5248.6	4973.3
75°	2847.5	3257.9	3293.6	3329.3	3467.5	3605.8	3675.9	3746.1	3619.7	3746.1	3675.9
77.5°	1976.2	2331.8	2411.9	2491.9	2584.0	2676.2	2671.4	2666.6	2489.0	2666.6	2671.4
80°	1229.3	1507.3	1517.7	1528.2	1597.2	1666.1	1736.5	1807.0	1694.1	1807.0	1736.5
82.5°	628.2	781.1	804.6	828.1	870.4	912.6	932.3	952.2	856.7	952.2	932.3
85°	147.8	187.5	225.9	264.3	308.7	353.1	348.1	343.1	289.4	343.1	348.1
87.5°	8.9	9.3	9.5	9.6	9.8	10.0	10.6	11.2	11.6	11.2	10.6
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°	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0	1258.0
2.5°	1385.8	1382.7	1379.6	1374.2	1369.0	1364.1	1359.3
5°	1547.1	1535.9	1524.7	1510.0	1495.4	1473.7	1451.9
7.5°	1670.6	1656.3	1642.0	1619.6	1597.2	1571.4	1545.5
10°	1735.0	1721.9	1708.6	1686.8	1665.1	1634.7	1604.4
12.5°	1742.7	1734.4	1725.9	1709.3	1692.5	1663.4	1634.3
15°	1688.7	1692.9	1697.0	1690.0	1682.9	1665.9	1648.7
17.5°	1592.8	1615.9	1639.1	1651.8	1664.8	1658.6	1652.6
20°	1490.5	1533.9	1577.4	1611.5	1645.9	1655.5	1665.1
22.5°	1390.2	1449.4	1508.9	1566.6	1624.2	1651.4	1678.7
25°	1311.1	1380.7	1450.6	1528.3	1606.3	1653.2	1699.9
27.5°	1243.6	1319.4	1395.0	1491.5	1588.0	1659.4	1730.8
30°	1195.3	1274.4	1353.5	1469.1	1584.5	1679.4	1774.2
32.5°	1168.3	1248.8	1329.4	1458.7	1588.0	1707.6	1827.2
35°	1178.0	1252.6	1327.5	1470.7	1614.0	1765.5	1916.9
37.5°	1279.6	1330.6	1381.5	1529.1	1676.7	1853.9	2030.8
40°	1516.2	1518.9	1522.0	1661.5	1801.2	1999.9	2198.7
42.5°	1923.7	1856.2	1788.6	1901.3	2014.0	2223.9	2434.1
45°	2460.5	2310.4	2160.1	2238.6	2317.3	2521.8	2726.4
47.5°	3071.7	2821.9	2572.0	2616.8	2661.7	2834.0	3006.1
50°	3668.9	3336.1	3003.2	3011.9	3020.6	3175.6	3330.3
52.5°	4210.1	3814.8	3419.4	3412.9	3405.9	3576.1	3746.1
55°	4723.0	4268.4	3814.2	3815.4	3816.5	4029.7	4242.9
57.5°	5204.8	4729.9	4254.9	4302.6	4350.0	4549.7	4749.4
60°	5733.5	5245.5	4757.7	4833.6	4909.6	5019.6	5129.5
62.5°	6407.4	5880.9	5354.3	5359.9	5365.5	5168.9	4972.3
65°	*6772.9*	*6136.5*	*5500.0*	*5284.5*	*5068.8*	*4755.2*	*4441.7*
67.5°	6284.3	5567.0	4849.8	4673.2	4496.7	4220.2	3943.9
70°	5550.2	4941.0	4331.7	4205.5	4079.3	3773.3	3467.3
72.5°	4697.9	4254.5	3811.1	3757.7	3704.2	3340.1	2976.2
75°	3605.8	3467.5	3329.3	3293.6	3257.9	2847.5	2436.9
77.5°	2676.2	2584.0	2491.9	2411.9	2331.8	1976.2	1620.8
80°	1666.1	1597.2	1528.2	1517.7	1507.3	1229.3	951.2
82.5°	912.6	870.4	828.1	804.6	781.1	628.2	475.6
85°	353.1	308.7	264.3	225.9	187.5	147.8	108.1
87.5°	10.0	9.8	9.6	9.5	9.3	8.9	8.7
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

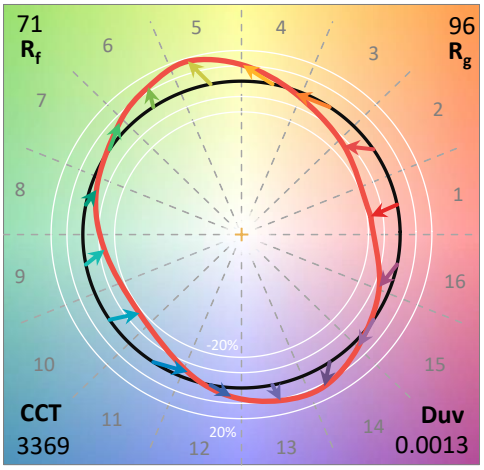
Test Information

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

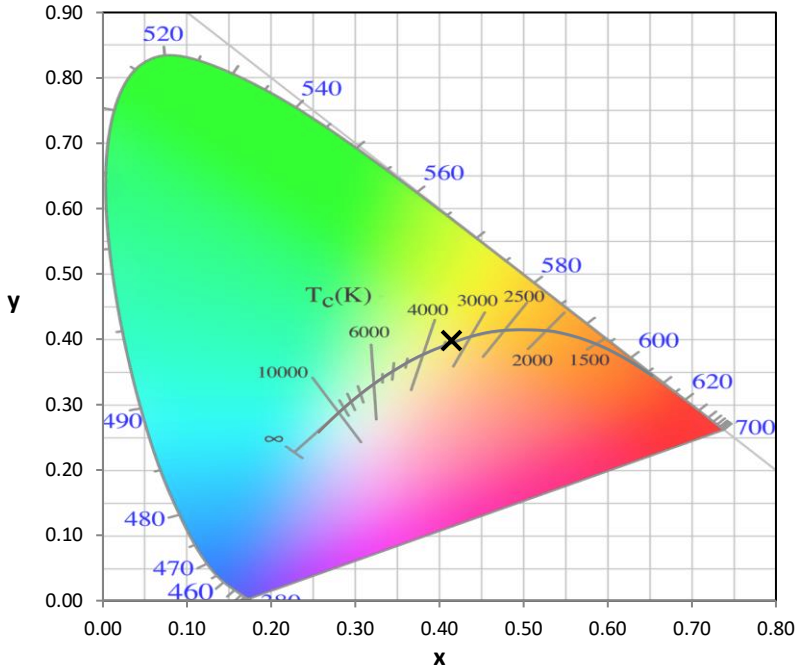
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-5

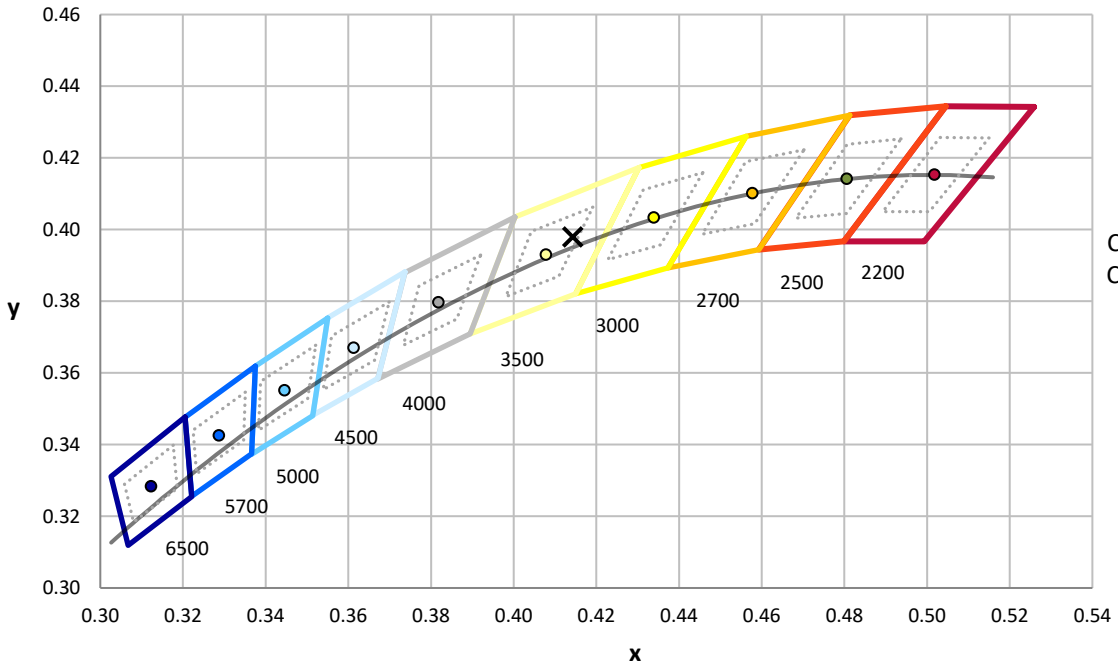
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

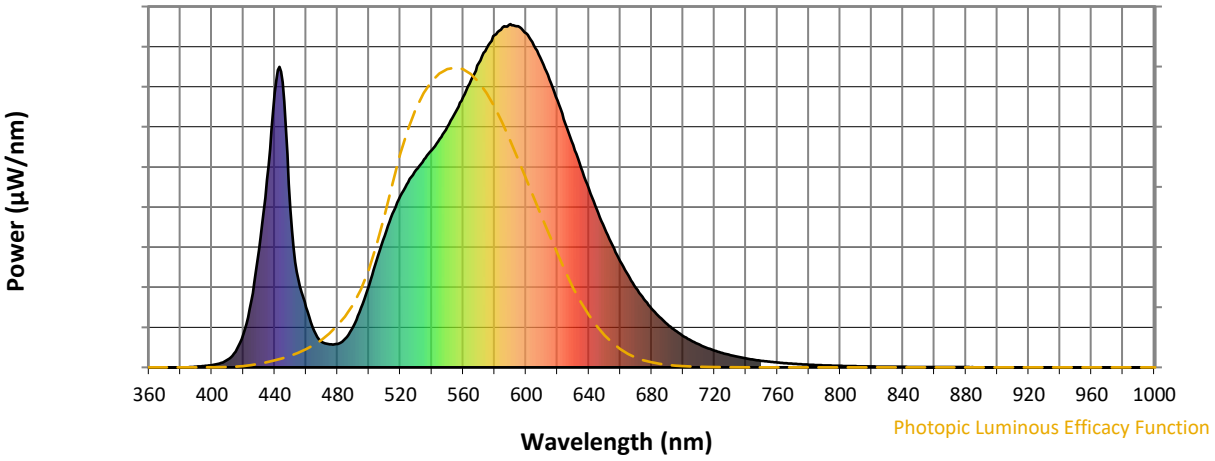


CCT = 3369K
CIE x = 0.4143
CIE y = 0.3980
Duv = 0.0013

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

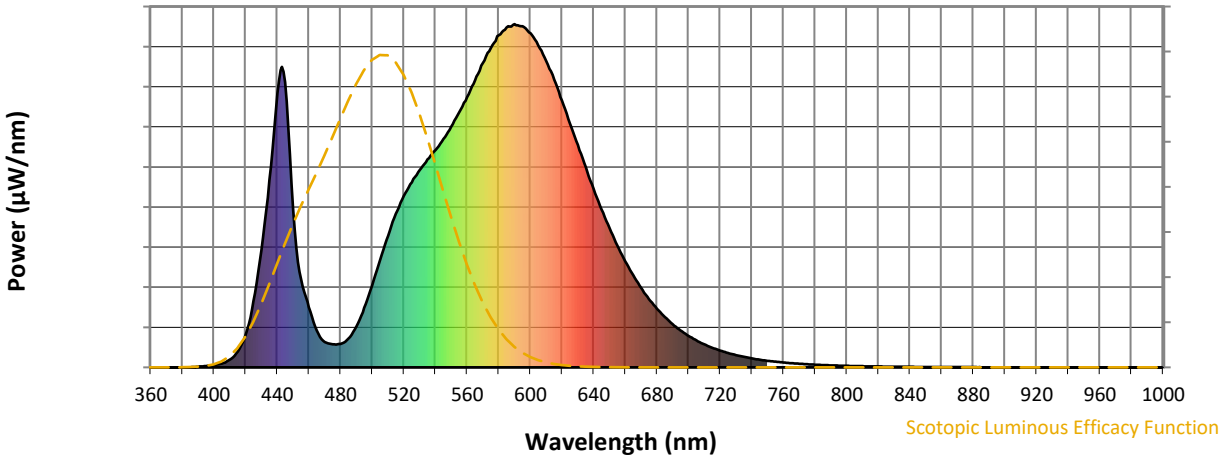


Photopic Lumens: NR

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

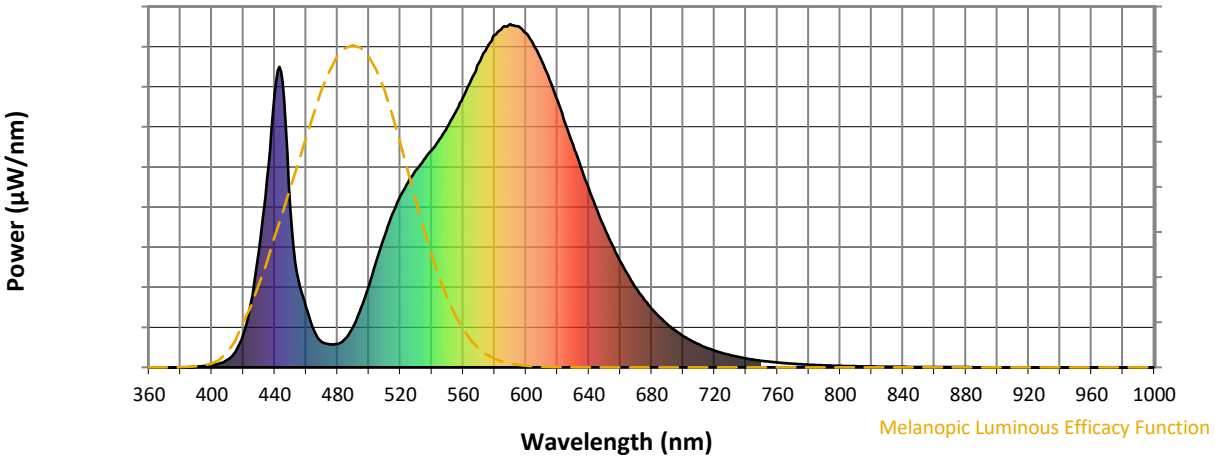


Scotopic Lumens: NR **S/P: 1.29**

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			

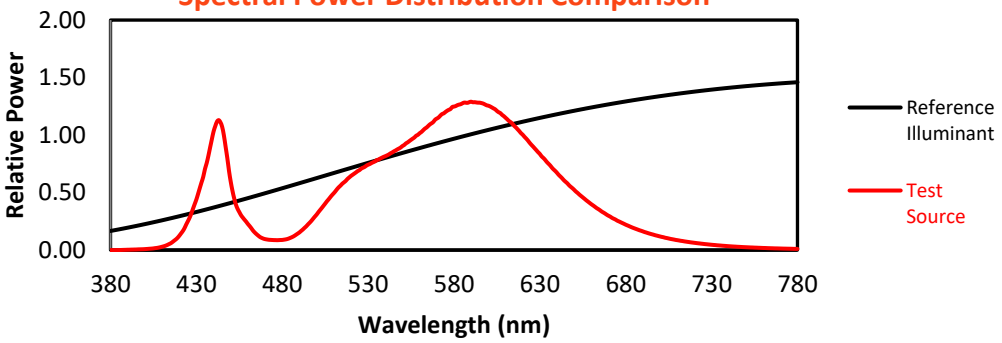
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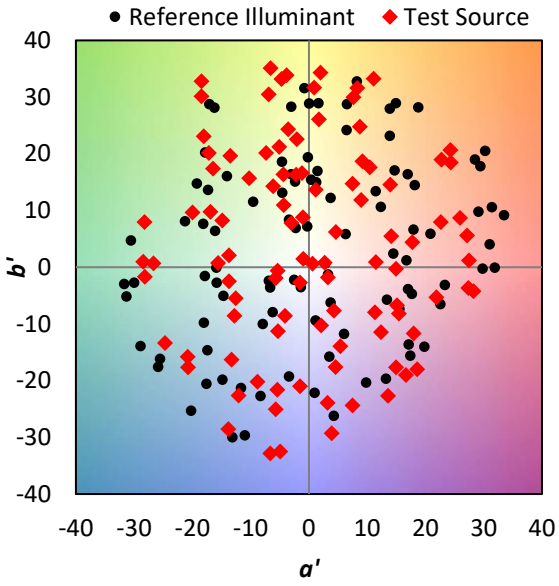
Summary

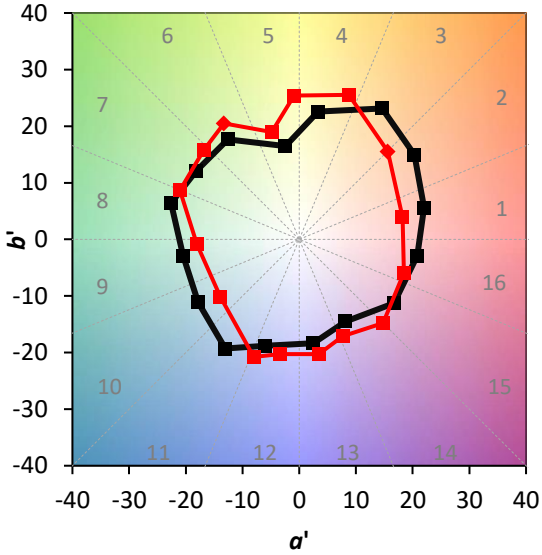
R_f = 71.4
R_g = 96
CIE R_a = 70.1
R_9 = -40.2

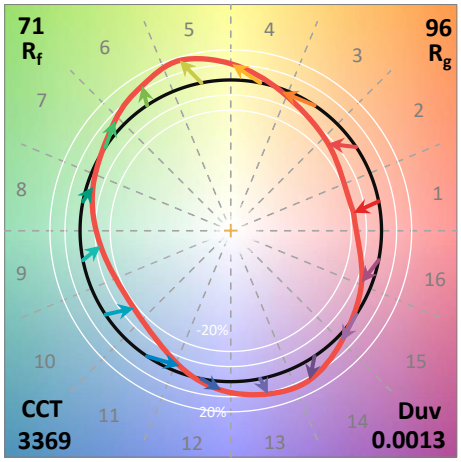
Spectral Power Distribution Comparison

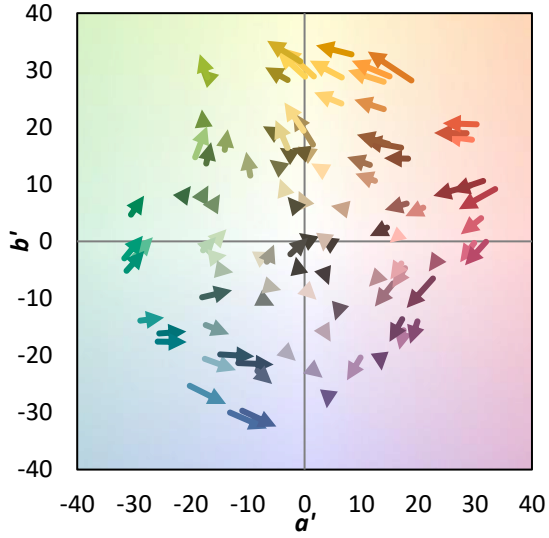


Color Vector Graphics







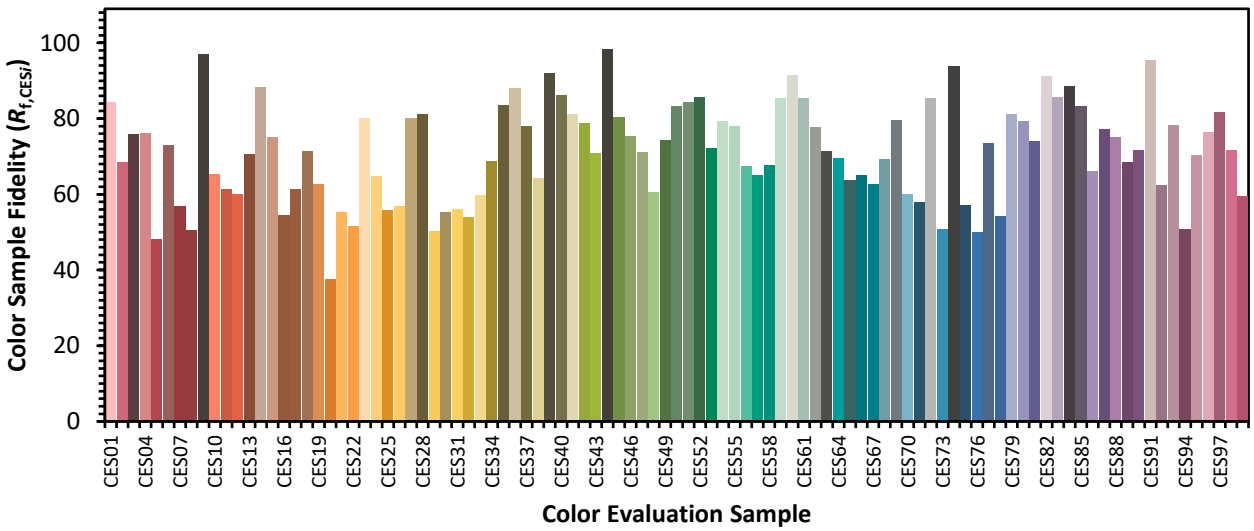


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Individual Sample Fidelity Index ($R_{f,i}$)

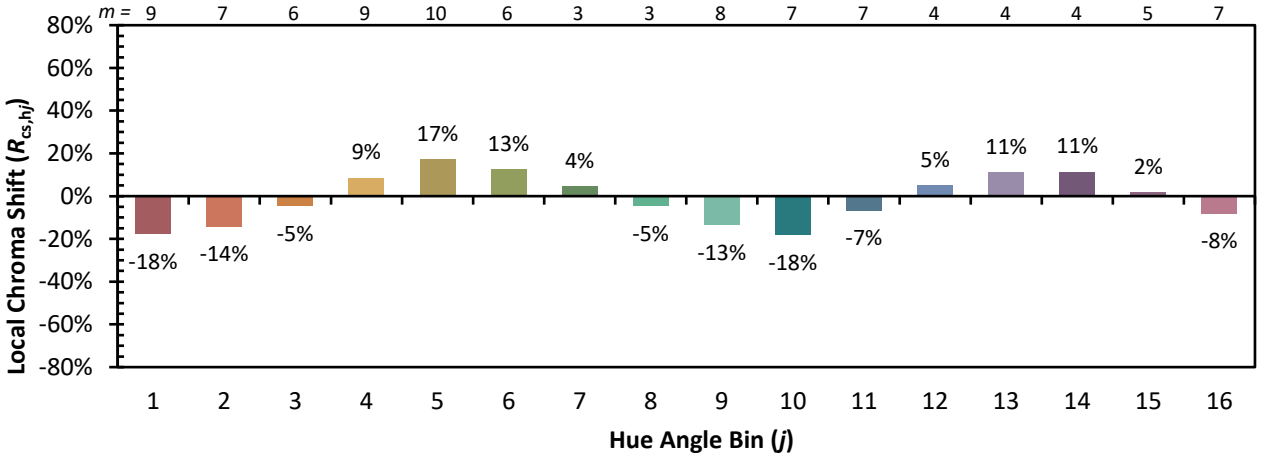
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 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	

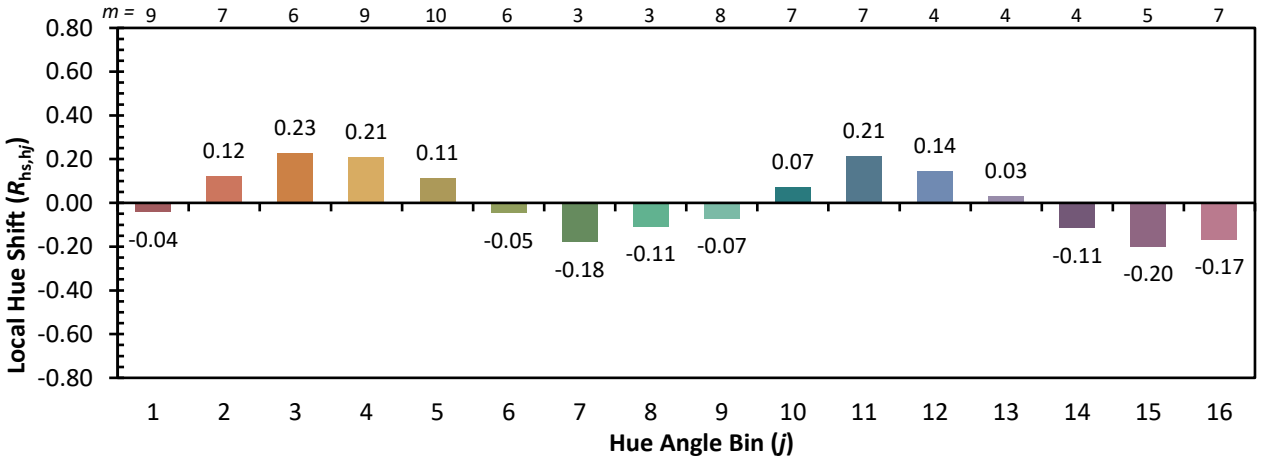


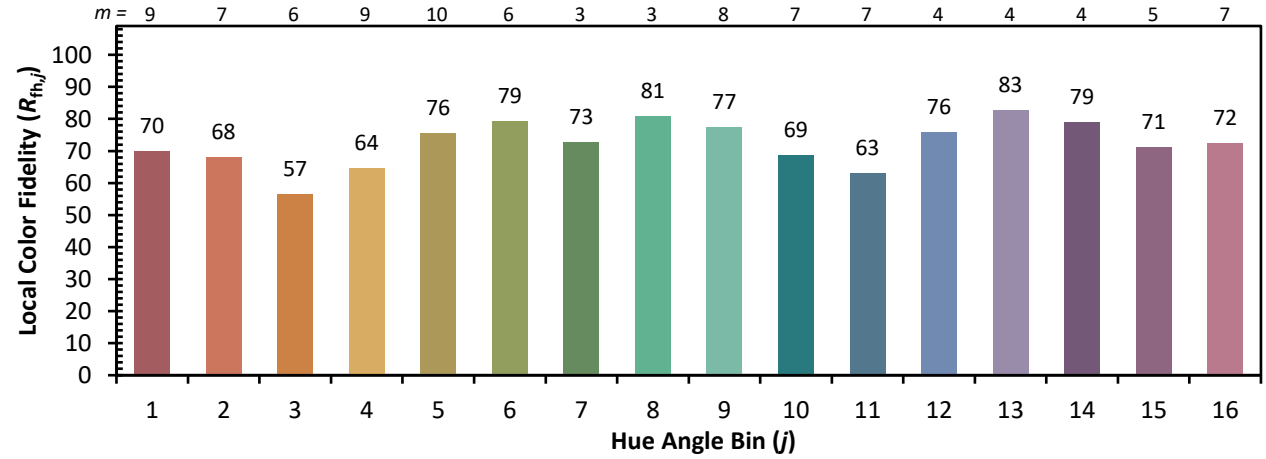
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Color Rendition by Hue-Angle Bin



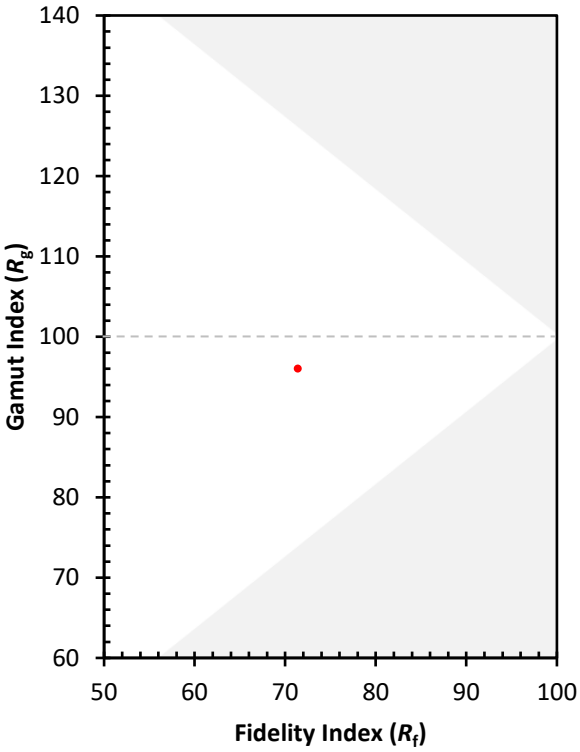


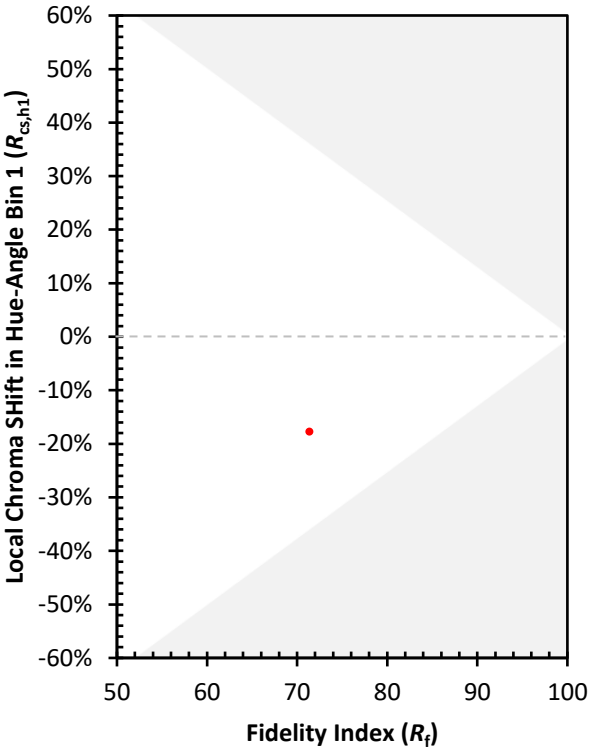


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Measure Comparisons





(END OF REPORT)