

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: NEO-RAY

Report Number: P333692-927

Luminaire Tested: **S125RDIW-S850D1340U927-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333692-927  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-7,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S125RDIW-S850D1340U927-4F0-1E-UDD-A  
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 850 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1340 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6847.9 lumens  
Efficiency: N/A  
Efficacy: 111.5 lumens/watt  
Spacing Criteria (0/90/45): 1.4 / 1.22 / 1.47  
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')  
CIE Type: Semi-Indirect

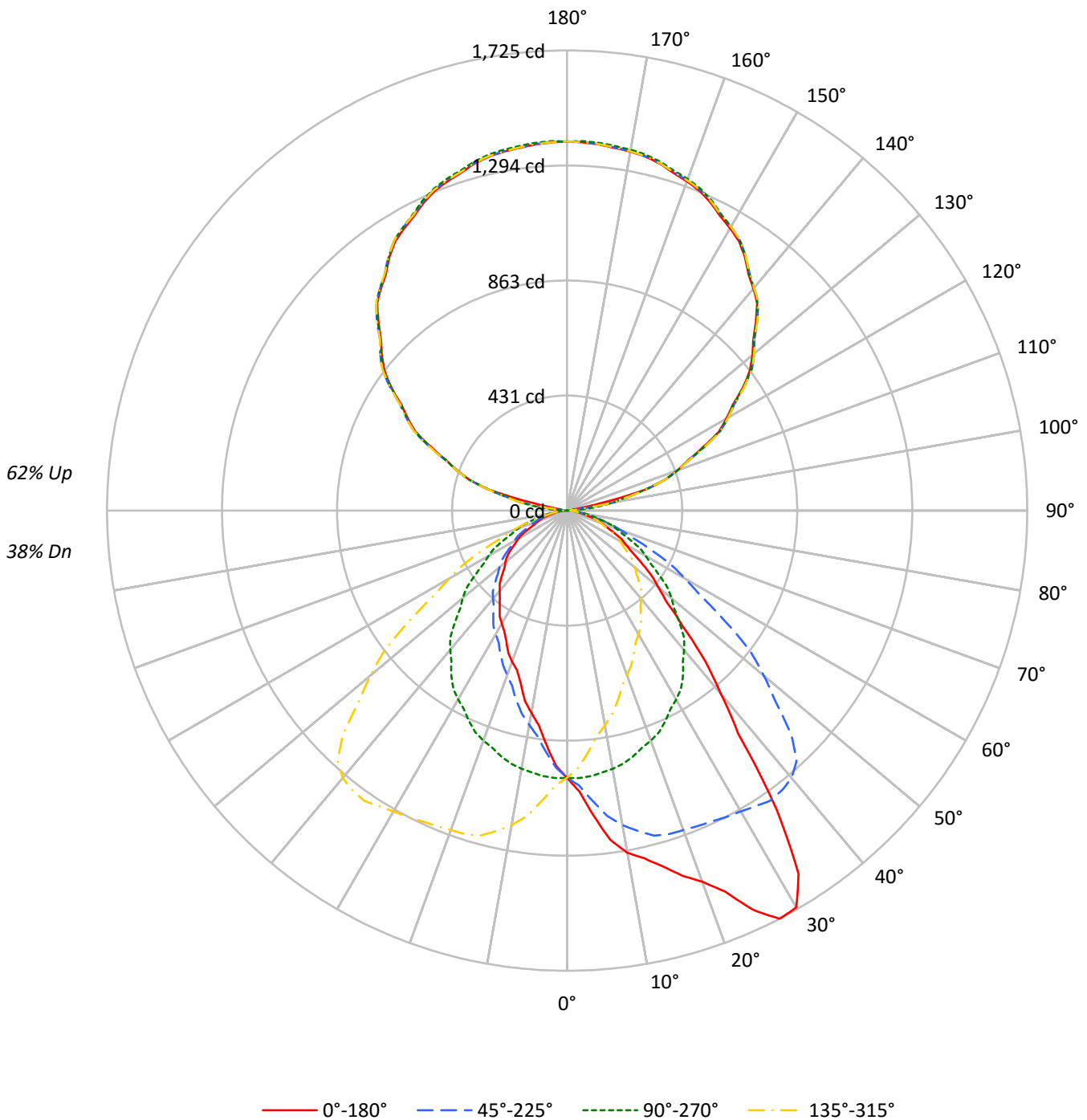
Input Watts (W): 61.4  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P333692-927

CATALOG NUMBER: S125RDIW-S850D1340U927-4F0-1E-UDD-A

### Luminous Intensity Polar Plot





TEST NUMBER: P333692-927

CATALOG NUMBER: S125RDIW-S850D1340U927-4F0-1E-UDD-A

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20					20					20					20					20	
RC	80					70					50					30					10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	104	104	104	104	95	95	95	95	77	77	77	60	60	60	45	45	45	38				
1	95	91	88	84	86	83	80	77	68	65	63	53	52	51	40	39	39	33				
2	87	80	74	69	79	73	68	64	60	56	53	47	45	43	36	34	33	28				
3	80	71	64	58	72	64	58	54	53	48	45	42	39	36	32	30	28	24				
4	73	63	55	49	66	57	51	45	47	42	38	37	34	31	29	26	25	21				
5	67	56	48	42	61	51	44	39	42	37	33	34	30	27	26	24	22	18				
6	62	50	42	37	56	46	39	34	38	33	29	30	27	24	24	21	19	16				
7	57	45	37	32	52	41	35	30	34	29	25	28	24	21	22	19	17	14				
8	53	41	33	28	48	38	31	26	31	26	23	25	22	19	20	17	15	13				
9	49	37	30	25	45	34	28	23	29	24	20	23	20	17	18	16	14	11				
10	46	34	27	22	42	31	25	21	26	21	18	21	18	15	17	14	12	10				

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	6471	6471	6471	6471
5°	7445	6480	5723	6480
10°	8540	6447	5050	6447
15°	9225	6381	4488	6381
20°	10172	6304	4144	6304
25°	11771	6202	3846	6202
30°	12810	6095	3650	6095
35°	10806	5970	3470	5970
40°	7546	5746	3315	5746
45°	5598	5444	3163	5444
50°	4464	5129	3033	5129
55°	3788	4738	2917	4738
60°	3273	4389	2731	4389
65°	2916	4010	2350	4010
70°	2564	3675	2143	3675
75°	2218	3182	2011	3182
80°	1681	2678	1681	2678
85°	1401	2104	1586	2104



TEST NUMBER: P333692-927

CATALOG NUMBER: S125RDIW-S850D1340U927-4F0-1E-UDD-A

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	96.1	1.4
10°-20°	281.6	4.1
20°-30°	446.5	6.5
30°-40°	538.4	7.9
40°-50°	480.8	7.0
50°-60°	368.7	5.4
60°-70°	239.6	3.5
70°-80°	116.5	1.7
80°-90°	30.7	0.4
90°-100°	50.3	0.7
100°-110°	309.9	4.5
110°-120°	562.0	8.2
120°-130°	721.3	10.5
130°-140°	775.8	11.3
140°-150°	728.2	10.6
150°-160°	589.1	8.6
160°-170°	381.0	5.6
170°-180°	131.4	1.9
0°-30°	824.2	12.0
0°-40°	1362.6	19.9
0°-60°	2212.2	32.3
0°-90°	2599.0	38.0
90°-120°	922.2	13.5
90°-150°	3147.5	46.0
90°-180°	4249.0	62.0
0°-180°	6847.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1002	1002	1002	1002	1002	
5°	1148	1000	883	1000	1148	115
15°	1380	954	671	954	1380	395
25°	1652	870	540	870	1652	758
35°	1371	757	440	757	1371	828
45°	613	596	346	596	613	489
55°	336	421	259	421	336	305
65°	191	262	154	262	191	190
75°	89	128	81	128	89	95
85°	19	28	21	28	19	22
90°	25	1	25	1	25	12
95°	22	58	22	58	22	18
105°	305	302	305	302	305	275
115°	562	566	562	566	562	558
125°	805	805	805	805	805	716
135°	1000	1004	1000	1004	1000	772
145°	1161	1164	1161	1164	1161	725
155°	1273	1282	1273	1282	1273	587
165°	1346	1353	1346	1353	1346	380
175°	1377	1384	1377	1384	1377	131
180°	1384	1384	1384	1384	1384	



TEST NUMBER: P333692-927

CATALOG NUMBER: S125RDIW-S850D1340U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0
2.5°	1054.0	1053.4	1054.7	1051.1	1051.4	1045.8	1045.8	1041.5	1035.9	1031.7	1029.7
5°	1148.4	1149.3	1147.6	1141.5	1137.3	1131.2	1124.2	1111.8	1101.5	1091.7	1083.9
7.5°	1245.7	1246.3	1240.9	1239.0	1228.6	1221.0	1205.5	1188.7	1173.8	1154.8	1140.4
10°	1302.3	1301.9	1296.2	1291.6	1282.5	1271.1	1255.8	1236.0	1217.6	1197.0	1177.3
12.5°	1335.2	1334.1	1332.3	1326.8	1318.4	1308.2	1295.3	1275.9	1253.1	1230.6	1207.5
15°	1379.7	1376.7	1371.4	1364.4	1352.5	1340.5	1326.2	1308.9	1287.1	1261.6	1240.2
17.5°	1434.6	1434.6	1426.5	1416.7	1400.5	1379.5	1357.2	1329.4	1299.7	1271.7	1248.9
20°	1480.0	1478.8	1470.5	1451.6	1433.1	1406.8	1381.2	1347.1	1310.9	1274.3	1245.9
22.5°	1545.2	1542.0	1533.4	1508.6	1479.9	1446.0	1406.9	1365.2	1321.4	1279.9	1242.7
25°	1651.9	1649.5	1632.6	1603.9	1563.5	1511.2	1460.2	1403.1	1340.1	1285.5	1240.2
27.5°	1725.0	1722.3	1709.8	1685.8	1648.7	1593.7	1524.6	1448.3	1369.7	1294.4	1229.2
30°	1717.8	1723.9	1722.3	1711.2	1683.2	1633.9	1570.1	1484.2	1390.8	1302.3	1224.6
32.5°	1614.4	1619.9	1634.4	1656.2	1657.9	1638.2	1590.5	1511.1	1414.4	1313.8	1220.9
35°	1370.6	1378.0	1406.0	1450.0	1507.5	1555.7	1565.6	1522.8	1436.0	1327.8	1215.5
37.5°	1053.7	1094.2	1117.7	1164.0	1251.0	1339.6	1424.7	1456.0	1419.1	1322.1	1206.7
40°	895.1	904.9	946.9	999.2	1072.4	1164.5	1285.9	1373.5	1376.3	1308.9	1192.9
42.5°	766.0	778.6	807.4	849.1	911.8	1003.9	1129.2	1244.8	1298.4	1272.7	1174.8
45°	612.9	622.3	643.3	675.4	723.6	799.6	907.4	1041.1	1147.2	1188.7	1126.2
47.5°	503.5	508.6	526.9	551.3	586.9	642.4	725.8	841.9	969.2	1058.4	1049.6
50°	444.3	450.0	464.0	482.5	512.5	559.4	626.1	722.7	854.0	963.0	984.8
52.5°	398.2	403.0	411.7	429.2	453.9	490.0	543.8	631.2	749.3	865.2	915.6
55°	336.4	339.8	346.7	356.6	376.4	402.3	448.8	509.2	604.7	721.5	795.5
57.5°	285.7	287.2	291.8	300.9	314.5	333.4	367.0	418.3	486.7	591.9	673.6
60°	253.4	255.0	260.8	267.0	277.7	294.9	321.2	357.0	422.9	509.6	592.3
62.5°	227.8	228.7	231.2	237.3	246.7	260.1	280.7	310.0	362.3	438.6	516.7
65°	190.8	191.3	192.1	197.0	202.8	212.7	226.2	246.8	286.3	343.9	413.0
67.5°	155.5	156.1	158.9	160.7	166.7	171.8	179.8	195.6	223.4	262.2	315.9
70°	135.8	135.3	138.2	140.3	142.4	148.5	153.8	166.6	183.9	213.5	258.3
72.5°	117.3	116.2	117.5	118.2	121.0	125.2	130.5	138.3	151.6	172.0	206.4
75°	88.9	89.3	89.3	90.1	92.1	93.8	95.5	99.6	106.9	120.5	139.0
77.5°	62.3	61.7	63.5	63.7	64.9	66.7	68.1	69.8	72.8	78.4	87.9
80°	45.2	45.2	45.6	46.9	46.5	47.3	49.4	51.0	54.7	58.0	61.3
82.5°	34.7	34.4	34.8	35.0	34.9	35.8	36.5	36.8	38.3	39.9	42.2
85°	18.9	18.9	19.3	19.3	19.7	19.7	20.1	20.1	20.1	20.6	21.0
87.5°	12.2	11.7	11.2	11.1	11.2	11.7	11.2	10.6	10.5	10.2	10.2
90°	24.6	23.9	23.2	22.6	21.9	21.0	19.8	18.7	17.6	16.4	14.8
92.5°	23.0	22.7	22.3	22.0	21.7	21.0	19.8	18.7	17.6	16.4	15.0
95°	21.5	21.5	21.5	21.5	21.5	21.0	19.8	18.7	17.6	16.4	25.0
97.5°	21.5	21.5	21.5	21.5	21.5	24.7	31.2	37.6	44.0	50.5	67.6
100°	21.5	22.4	23.4	24.2	25.2	42.6	76.6	110.5	144.5	178.5	177.5
102.5°	129.0	144.5	160.0	175.5	191.0	202.0	208.4	214.8	221.3	227.7	227.1
105°	304.6	304.8	305.1	305.3	305.5	305.6	305.6	305.6	305.6	305.6	305.6
107.5°	384.0	384.7	385.4	386.0	386.7	387.1	387.1	387.0	386.9	386.9	386.4
110°	439.0	438.8	438.6	438.3	438.1	438.3	439.0	439.7	440.4	441.0	440.6



TEST NUMBER: P333692-927

CATALOG NUMBER: S125RDIW-S850D1340U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	488.2	488.5	488.9	489.2	489.5	490.1	491.0	491.8	492.7	493.5	493.3
115°	562.1	563.4	564.8	566.2	567.5	568.7	569.6	570.5	571.4	572.4	572.1
117.5°	640.9	641.4	642.1	642.6	643.2	644.1	645.3	646.5	647.7	648.9	648.0
120°	689.3	690.4	691.5	692.7	693.8	694.6	695.1	695.5	696.0	696.4	695.8
122.5°	735.2	736.5	737.8	739.2	740.5	741.4	741.8	742.3	742.8	743.2	742.9
125°	805.2	805.8	806.5	807.2	807.9	808.7	809.6	810.5	811.4	812.3	812.3
127.5°	864.0	865.7	867.4	869.1	870.8	871.9	872.4	872.9	873.4	873.9	874.0
130°	906.7	907.8	908.9	910.1	911.2	912.2	912.8	913.5	914.3	914.9	914.7
132.5°	946.1	947.2	948.4	949.5	950.6	951.3	951.4	951.6	951.7	951.8	952.4
135°	1000.1	1001.4	1002.7	1004.2	1005.5	1006.4	1006.9	1007.3	1007.8	1008.2	1008.7
137.5°	1054.2	1055.3	1056.5	1057.7	1058.9	1059.5	1059.4	1059.3	1059.2	1059.1	1059.5
140°	1086.2	1087.6	1088.9	1090.3	1091.6	1092.1	1091.6	1091.2	1090.8	1090.3	1090.5
142.5°	1116.6	1117.9	1119.3	1120.6	1122.0	1122.7	1122.6	1122.4	1122.4	1122.3	1122.0
145°	1161.1	1162.4	1163.8	1165.1	1166.6	1167.1	1166.9	1166.6	1166.4	1166.2	1166.2
147.5°	1197.8	1199.4	1201.0	1202.7	1204.4	1205.1	1204.8	1204.5	1204.2	1204.0	1203.6
150°	1221.5	1223.4	1225.2	1227.0	1228.8	1229.5	1229.1	1228.7	1228.2	1227.7	1227.2
152.5°	1243.7	1245.4	1247.1	1248.6	1250.3	1250.9	1250.5	1250.0	1249.5	1249.0	1248.6
155°	1272.9	1274.7	1276.5	1278.3	1280.2	1280.7	1280.0	1279.4	1278.7	1278.0	1277.6
157.5°	1297.3	1299.1	1300.9	1302.7	1304.6	1305.1	1304.4	1303.7	1302.9	1302.2	1302.2
160°	1312.9	1314.7	1316.5	1318.3	1320.2	1320.6	1319.7	1318.8	1317.9	1317.0	1316.8
162.5°	1326.8	1328.8	1330.8	1332.8	1334.8	1335.2	1334.0	1332.6	1331.3	1330.1	1329.8
165°	1345.7	1347.5	1349.3	1351.1	1353.0	1353.2	1351.9	1350.4	1349.1	1347.7	1347.5
167.5°	1358.8	1360.9	1362.9	1364.9	1367.0	1367.2	1365.6	1364.0	1362.3	1360.7	1360.4
170°	1366.2	1368.3	1370.3	1372.4	1374.4	1374.5	1372.7	1370.9	1369.0	1367.2	1367.0
172.5°	1371.1	1373.2	1375.2	1377.3	1379.3	1379.5	1377.9	1376.3	1374.6	1372.9	1372.5
175°	1377.4	1379.5	1381.6	1383.6	1385.7	1385.8	1383.9	1382.1	1380.3	1378.5	1378.3
177.5°	1381.2	1382.6	1384.1	1385.5	1387.0	1387.1	1385.8	1384.6	1383.3	1382.0	1381.8
180°	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6



TEST NUMBER: P333692-927

CATALOG NUMBER: S125RDIW-S850D1340U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0
2.5°	1029.7	1027.4	1023.1	1019.1	1014.2	1010.0	1006.9	1003.4	998.7	993.2	988.6
5°	1075.2	1066.2	1054.2	1044.0	1030.8	1020.6	1009.9	999.6	989.3	976.1	964.6
7.5°	1125.8	1107.1	1088.9	1066.0	1045.3	1026.7	1009.0	991.0	973.4	954.7	936.7
10°	1156.7	1134.1	1109.0	1080.1	1053.8	1028.7	1005.8	983.1	959.3	938.3	915.6
12.5°	1185.7	1156.4	1127.8	1091.4	1059.8	1029.1	999.8	971.6	946.1	918.9	894.6
15°	1211.8	1183.0	1151.0	1106.5	1062.5	1025.5	990.9	954.3	922.7	892.2	865.1
17.5°	1221.9	1191.8	1154.4	1111.7	1063.7	1017.1	972.6	932.4	895.2	859.7	829.2
20°	1218.0	1188.7	1150.5	1109.8	1058.4	1009.9	961.7	917.3	875.8	838.3	805.8
22.5°	1208.4	1178.2	1141.3	1098.3	1049.5	998.0	946.6	899.2	855.6	816.9	781.5
25°	1194.1	1153.0	1115.2	1073.2	1026.7	975.7	922.7	870.4	823.9	784.4	745.8
27.5°	1179.2	1127.9	1079.7	1038.1	989.0	943.4	892.3	838.7	789.9	749.6	710.0
30°	1165.8	1108.2	1055.1	1007.8	961.3	918.1	869.6	817.3	767.1	725.6	685.3
32.5°	1149.0	1087.7	1029.4	974.9	930.0	887.2	843.3	793.3	744.4	701.6	660.6
35°	1127.9	1049.7	986.4	928.4	878.6	837.1	797.6	757.2	708.3	663.9	624.0
37.5°	1100.3	1011.5	938.3	875.1	822.6	780.9	749.7	712.9	668.2	625.7	588.6
40°	1083.5	983.9	903.7	841.2	786.1	742.0	712.9	681.6	640.9	600.9	564.0
42.5°	1061.1	958.6	868.9	803.7	748.2	705.8	676.3	649.0	614.9	577.3	537.7
45°	1017.2	909.5	815.3	745.4	689.4	647.8	620.3	596.0	570.1	535.6	501.0
47.5°	960.1	858.3	759.6	683.3	628.5	589.9	563.2	544.1	525.5	496.1	462.6
50°	914.4	816.1	719.9	645.8	587.4	550.8	525.7	510.5	493.6	466.8	438.9
52.5°	860.5	772.7	678.3	602.7	547.6	513.3	489.2	474.0	460.0	438.2	411.6
55°	775.4	698.5	612.0	543.4	492.8	458.2	435.2	420.8	412.6	394.0	373.1
57.5°	677.2	622.1	545.9	479.7	435.0	400.8	384.0	371.7	362.4	349.3	334.5
60°	608.8	570.1	501.8	438.9	397.8	365.3	350.1	339.8	331.1	320.0	308.5
62.5°	539.3	511.2	451.8	397.8	359.9	332.7	318.5	309.2	299.2	291.8	280.5
65°	446.3	421.2	380.1	337.7	302.8	280.9	270.7	262.4	256.3	248.0	240.2
67.5°	347.1	337.0	308.6	279.4	254.3	234.9	226.0	220.2	212.9	207.9	202.6
70°	286.3	281.4	261.2	241.9	218.4	205.3	197.0	194.6	185.5	180.6	176.9
72.5°	232.3	230.0	218.4	205.0	188.5	177.0	169.4	166.6	160.8	156.9	154.5
75°	159.1	160.0	158.0	149.3	143.1	135.8	129.1	127.5	123.4	120.1	118.0
77.5°	100.7	104.9	105.0	104.6	102.2	97.7	94.9	93.7	89.7	88.4	87.9
80°	69.1	73.6	77.7	77.3	76.5	75.3	73.2	72.0	69.9	68.7	67.9
82.5°	46.1	50.3	53.7	55.9	55.8	54.6	53.2	52.6	52.1	51.3	51.1
85°	21.8	22.7	23.8	26.8	28.8	29.2	28.8	28.4	27.2	27.6	28.0
87.5°	10.2	9.9	9.9	9.6	8.9	10.1	10.8	10.8	10.5	10.1	9.8
90°	13.2	11.6	10.1	8.3	6.5	4.7	2.9	1.0	2.9	4.7	6.5
92.5°	13.5	12.2	10.8	10.7	12.0	13.2	14.5	15.8	14.5	13.2	12.0
95°	33.7	42.4	51.0	55.7	56.4	57.1	57.8	58.5	57.8	57.1	56.4
97.5°	84.8	101.9	119.0	127.0	125.7	124.5	123.3	122.1	123.3	124.5	125.7
100°	176.7	175.7	174.8	174.0	173.3	172.6	172.0	171.3	172.0	172.6	173.3
102.5°	226.6	226.1	225.5	224.8	223.9	223.1	222.2	221.3	222.2	223.1	223.9
105°	305.6	305.6	305.6	305.2	304.3	303.4	302.5	301.6	302.5	303.4	304.3
107.5°	386.0	385.6	385.1	384.8	384.8	384.8	384.8	384.8	384.8	384.8	384.8
110°	440.1	439.7	439.2	439.0	439.0	439.0	439.0	439.0	439.0	439.0	439.0





TEST NUMBER: P333692-927

CATALOG NUMBER: S125RDIW-S850D1340U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	493.0	492.7	492.5	492.0	491.5	491.0	490.4	489.9	490.4	491.0	491.5
115°	571.9	571.6	571.4	570.8	569.6	568.5	567.3	566.2	567.3	568.5	569.6
117.5°	647.1	646.3	645.4	645.0	645.0	645.1	645.1	645.2	645.1	645.1	645.0
120°	695.1	694.3	693.7	693.5	693.7	694.0	694.2	694.3	694.2	694.0	693.7
122.5°	742.6	742.3	742.0	741.3	740.5	739.6	738.7	737.8	738.7	739.6	740.5
125°	812.3	812.3	812.3	811.5	809.9	808.3	806.8	805.2	806.8	808.3	809.9
127.5°	874.2	874.3	874.4	873.9	872.7	871.6	870.5	869.3	870.5	871.6	872.7
130°	914.4	914.3	914.0	913.3	912.2	911.0	909.9	908.7	909.9	911.0	912.2
132.5°	952.8	953.3	953.9	953.4	952.1	950.8	949.4	948.2	949.4	950.8	952.1
135°	1009.2	1009.6	1010.0	1009.6	1008.2	1006.9	1005.5	1004.2	1005.5	1006.9	1008.2
137.5°	1059.9	1060.3	1060.7	1060.3	1059.1	1058.0	1056.8	1055.7	1056.8	1058.0	1059.1
140°	1090.8	1091.0	1091.2	1091.1	1090.6	1090.2	1089.7	1089.3	1089.7	1090.2	1090.6
142.5°	1121.7	1121.3	1121.0	1120.7	1120.5	1120.1	1119.9	1119.6	1119.9	1120.1	1120.5
145°	1166.2	1166.2	1166.2	1165.9	1165.5	1165.1	1164.6	1164.1	1164.6	1165.1	1165.5
147.5°	1203.4	1203.1	1202.8	1202.8	1202.8	1202.9	1203.0	1203.1	1203.0	1202.9	1202.8
150°	1226.9	1226.4	1225.9	1225.9	1226.4	1226.9	1227.2	1227.7	1227.2	1226.9	1226.4
152.5°	1248.2	1247.7	1247.2	1247.5	1248.6	1249.5	1250.5	1251.5	1250.5	1249.5	1248.6
155°	1277.1	1276.6	1276.2	1276.6	1278.0	1279.4	1280.7	1282.1	1280.7	1279.4	1278.0
157.5°	1302.1	1302.0	1302.0	1302.4	1303.2	1304.0	1304.9	1305.7	1304.9	1304.0	1303.2
160°	1316.5	1316.3	1316.1	1316.6	1318.0	1319.4	1320.7	1322.1	1320.7	1319.4	1318.0
162.5°	1329.7	1329.4	1329.2	1329.8	1331.1	1332.5	1333.9	1335.2	1333.9	1332.5	1331.1
165°	1347.3	1347.0	1346.8	1347.4	1348.8	1350.1	1351.5	1352.9	1351.5	1350.1	1348.8
167.5°	1360.2	1359.9	1359.8	1360.3	1361.8	1363.2	1364.6	1366.0	1364.6	1363.2	1361.8
170°	1366.8	1366.5	1366.3	1367.0	1368.6	1370.2	1371.8	1373.4	1371.8	1370.2	1368.6
172.5°	1372.1	1371.7	1371.3	1371.9	1373.5	1375.1	1376.7	1378.3	1376.7	1375.1	1373.5
175°	1378.1	1377.8	1377.6	1378.2	1379.5	1380.9	1382.3	1383.6	1382.3	1380.9	1379.5
177.5°	1381.6	1381.5	1381.2	1381.7	1382.8	1383.9	1385.0	1386.1	1385.0	1383.9	1382.8
180°	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6



TEST NUMBER: P333692-927

CATALOG NUMBER: S125RDIW-S850D1340U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0
2.5°	985.2	980.6	977.3	970.7	966.1	964.2	960.6	959.6	963.2	960.6	960.2
5°	955.9	944.0	934.5	925.1	914.8	908.2	898.3	896.8	894.2	890.6	889.7
7.5°	920.8	905.3	893.1	877.5	863.9	852.9	840.6	834.8	831.6	826.8	820.4
10°	897.1	878.6	862.1	846.5	829.7	816.1	803.7	794.3	788.1	782.4	779.9
12.5°	873.8	854.9	833.9	814.9	796.1	780.9	767.2	761.0	754.2	747.5	741.7
15°	837.5	812.4	789.3	767.5	751.5	735.1	721.9	712.9	702.6	699.7	688.6
17.5°	799.0	774.4	747.4	724.5	705.8	687.8	673.3	663.0	655.3	644.7	639.5
20°	775.0	745.8	719.5	698.5	677.9	656.5	641.7	633.0	625.7	617.0	612.9
22.5°	749.3	720.7	693.8	669.2	648.2	627.2	616.7	607.7	599.3	591.4	585.9
25°	711.6	682.9	654.4	628.9	607.1	591.9	579.6	569.3	564.7	557.0	551.2
27.5°	674.4	643.7	614.3	588.9	571.8	556.7	546.6	538.4	530.3	523.5	518.5
30°	650.3	619.1	587.0	566.8	548.7	534.3	523.2	515.4	509.2	503.0	499.4
32.5°	626.3	594.1	565.6	543.8	526.6	514.3	502.8	495.4	488.9	482.0	477.7
35°	587.8	554.9	531.9	510.5	493.6	482.1	474.3	463.6	458.2	453.3	448.8
37.5°	552.0	521.4	496.5	477.8	463.1	451.6	441.6	435.8	429.2	424.8	421.0
40°	525.7	497.7	475.1	455.3	444.7	431.9	422.5	415.0	410.1	404.3	400.2
42.5°	502.0	476.0	454.0	436.3	422.9	412.2	403.1	395.6	389.4	385.2	381.8
45°	468.5	442.6	421.2	404.7	392.4	382.1	372.6	369.0	360.8	355.8	354.2
47.5°	433.9	410.7	390.1	374.9	362.3	352.5	343.6	336.0	331.5	326.7	324.1
50°	410.5	388.3	369.0	354.2	341.8	331.1	322.9	318.0	311.8	307.3	304.0
52.5°	387.1	366.6	347.3	333.1	322.4	311.7	302.5	297.5	291.8	288.8	286.5
55°	353.8	331.9	315.5	301.5	290.4	280.5	271.9	267.0	263.2	260.4	259.5
57.5°	315.9	298.7	283.4	270.8	259.2	249.9	242.3	237.7	234.4	233.9	231.5
60°	291.2	275.6	261.6	248.0	238.1	229.5	222.9	217.6	214.3	213.9	213.1
62.5°	266.6	251.6	238.6	226.6	217.8	209.5	203.2	197.2	195.2	193.1	191.4
65°	230.0	216.3	205.7	196.2	186.7	179.7	173.6	169.8	165.3	162.9	158.4
67.5°	194.0	183.5	173.2	165.2	157.8	151.1	146.0	140.5	137.4	135.5	132.2
70°	170.3	162.1	151.8	143.1	137.4	132.1	127.9	121.8	119.7	118.0	116.4
72.5°	147.9	140.7	132.1	125.1	119.3	114.2	109.5	106.6	104.6	102.9	102.0
75°	116.4	109.4	102.0	97.0	93.0	88.9	86.3	84.3	83.5	83.1	81.4
77.5°	85.5	81.8	75.8	71.9	69.2	67.6	65.4	64.2	64.2	62.3	61.8
80°	65.4	63.4	58.4	56.8	54.7	53.1	51.8	49.7	47.7	46.9	45.6
82.5°	48.6	46.6	44.6	42.0	40.2	39.2	38.0	37.2	37.5	36.4	35.8
85°	25.9	23.8	23.1	22.7	21.8	22.7	22.2	21.8	21.4	21.0	21.4
87.5°	9.9	10.2	10.2	11.2	10.5	11.2	11.4	11.3	11.6	11.7	11.6
90°	8.3	10.1	11.6	13.2	14.8	16.4	17.6	18.7	19.8	21.0	21.9
92.5°	10.7	10.8	12.2	13.5	15.0	16.4	17.6	18.7	19.8	21.0	21.7
95°	55.7	51.0	42.4	33.7	25.0	16.4	17.6	18.7	19.8	21.0	21.5
97.5°	127.0	119.0	101.9	84.8	67.6	50.5	44.0	37.6	31.2	24.7	21.5
100°	174.0	174.8	175.7	176.7	177.5	178.5	144.5	110.5	76.6	42.6	25.2
102.5°	224.8	225.5	226.1	226.6	227.1	227.7	221.3	214.8	208.4	202.0	191.0
105°	305.2	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.6	305.5
107.5°	384.8	385.1	385.6	386.0	386.4	386.9	386.9	387.0	387.1	387.1	386.7
110°	439.0	439.2	439.7	440.1	440.6	441.0	440.4	439.7	439.0	438.3	438.1



TEST NUMBER: P333692-927

CATALOG NUMBER: S125RDIW-S850D1340U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	492.0	492.5	492.7	493.0	493.3	493.5	492.7	491.8	491.0	490.1	489.5
115°	570.8	571.4	571.6	571.9	572.1	572.4	571.4	570.5	569.6	568.7	567.5
117.5°	645.0	645.4	646.3	647.1	648.0	648.9	647.7	646.5	645.3	644.1	643.2
120°	693.5	693.7	694.3	695.1	695.8	696.4	696.0	695.5	695.1	694.6	693.8
122.5°	741.3	742.0	742.3	742.6	742.9	743.2	742.8	742.3	741.8	741.4	740.5
125°	811.5	812.3	812.3	812.3	812.3	812.3	811.4	810.5	809.6	808.7	807.9
127.5°	873.9	874.4	874.3	874.2	874.0	873.9	873.4	872.9	872.4	871.9	870.8
130°	913.3	914.0	914.3	914.4	914.7	914.9	914.3	913.5	912.8	912.2	911.2
132.5°	953.4	953.9	953.3	952.8	952.4	951.8	951.7	951.6	951.4	951.3	950.6
135°	1009.6	1010.0	1009.6	1009.2	1008.7	1008.2	1007.8	1007.3	1006.9	1006.4	1005.5
137.5°	1060.3	1060.7	1060.3	1059.9	1059.5	1059.1	1059.2	1059.3	1059.4	1059.5	1058.9
140°	1091.1	1091.2	1091.0	1090.8	1090.5	1090.3	1090.8	1091.2	1091.6	1092.1	1091.6
142.5°	1120.7	1121.0	1121.3	1121.7	1122.0	1122.3	1122.4	1122.4	1122.6	1122.7	1122.0
145°	1165.9	1166.2	1166.2	1166.2	1166.2	1166.2	1166.4	1166.6	1166.9	1167.1	1166.6
147.5°	1202.8	1202.8	1203.1	1203.4	1203.6	1204.0	1204.2	1204.5	1204.8	1205.1	1204.4
150°	1225.9	1225.9	1226.4	1226.9	1227.2	1227.7	1228.2	1228.7	1229.1	1229.5	1228.8
152.5°	1247.5	1247.2	1247.7	1248.2	1248.6	1249.0	1249.5	1250.0	1250.5	1250.9	1250.3
155°	1276.6	1276.2	1276.6	1277.1	1277.6	1278.0	1278.7	1279.4	1280.0	1280.7	1280.2
157.5°	1302.4	1302.0	1302.0	1302.1	1302.2	1302.2	1302.9	1303.7	1304.4	1305.1	1304.6
160°	1316.6	1316.1	1316.3	1316.5	1316.8	1317.0	1317.9	1318.8	1319.7	1320.6	1320.2
162.5°	1329.8	1329.2	1329.4	1329.7	1329.8	1330.1	1331.3	1332.6	1334.0	1335.2	1334.8
165°	1347.4	1346.8	1347.0	1347.3	1347.5	1347.7	1349.1	1350.4	1351.9	1353.2	1353.0
167.5°	1360.3	1359.8	1359.9	1360.2	1360.4	1360.7	1362.3	1364.0	1365.6	1367.2	1367.0
170°	1367.0	1366.3	1366.5	1366.8	1367.0	1367.2	1369.0	1370.9	1372.7	1374.5	1374.4
172.5°	1371.9	1371.3	1371.7	1372.1	1372.5	1372.9	1374.6	1376.3	1377.9	1379.5	1379.3
175°	1378.2	1377.6	1377.8	1378.1	1378.3	1378.5	1380.3	1382.1	1383.9	1385.8	1385.7
177.5°	1381.7	1381.2	1381.5	1381.6	1381.8	1382.0	1383.3	1384.6	1385.8	1387.1	1387.0
180°	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6



TEST NUMBER: P333692-927

CATALOG NUMBER: S125RDIW-S850D1340U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0
2.5°	959.9	956.3	955.3	956.6	955.3	956.3	959.9	960.2	960.6	963.2	959.6
5°	885.6	881.5	883.5	882.7	883.5	881.5	885.6	889.7	890.6	894.2	896.8
7.5°	820.3	815.2	809.8	811.5	809.8	815.2	820.3	820.4	826.8	831.6	834.8
10°	774.5	770.5	767.9	770.0	767.9	770.5	774.5	779.9	782.4	788.1	794.3
12.5°	736.0	733.6	731.4	730.6	731.4	733.6	736.0	741.7	747.5	754.2	761.0
15°	683.7	678.7	676.7	671.3	676.7	678.7	683.7	688.6	699.7	702.6	712.9
17.5°	635.3	633.7	628.4	626.1	628.4	633.7	635.3	639.5	644.7	655.3	663.0
20°	606.7	605.1	599.8	603.0	599.8	605.1	606.7	612.9	617.0	625.7	633.0
22.5°	583.0	579.4	577.7	576.7	577.7	579.4	583.0	585.9	591.4	599.3	607.7
25°	549.5	544.2	542.2	539.7	542.2	544.2	549.5	551.2	557.0	564.7	569.3
27.5°	516.2	513.3	510.6	509.9	510.6	513.3	516.2	518.5	523.5	530.3	538.4
30°	494.4	491.5	489.5	489.5	489.5	491.5	494.4	499.4	503.0	509.2	515.4
32.5°	475.0	472.8	470.7	470.4	470.7	472.8	475.0	477.7	482.0	488.9	495.4
35°	446.7	443.5	442.6	440.1	442.6	443.5	446.7	448.8	453.3	458.2	463.6
37.5°	417.3	414.6	414.5	414.3	414.5	414.6	417.3	421.0	424.8	429.2	435.8
40°	398.6	396.6	396.1	393.2	396.1	396.6	398.6	400.2	404.3	410.1	415.0
42.5°	378.5	377.5	376.0	374.8	376.0	377.5	378.5	381.8	385.2	389.4	395.6
45°	351.3	348.4	348.4	346.3	348.4	348.4	351.3	354.2	355.8	360.8	369.0
47.5°	323.1	320.9	321.2	319.0	321.2	320.9	323.1	324.1	326.7	331.5	336.0
50°	304.4	303.2	302.8	301.9	302.8	303.2	304.4	304.0	307.3	311.8	318.0
52.5°	285.7	285.0	286.6	284.8	286.6	285.0	285.7	286.5	288.8	291.8	297.5
55°	260.4	259.1	261.6	259.1	261.6	259.1	260.4	259.5	260.4	263.2	267.0
57.5°	231.3	230.2	232.4	231.2	232.4	230.2	231.3	231.5	233.9	234.4	237.7
60°	212.2	209.8	211.0	211.4	211.0	209.8	212.2	213.1	213.9	214.3	217.6
62.5°	189.6	188.1	188.9	187.1	188.9	188.1	189.6	191.4	193.1	195.2	197.2
65°	157.6	156.3	154.6	153.8	154.6	156.3	157.6	158.4	162.9	165.3	169.8
67.5°	132.4	129.4	129.4	130.0	129.4	129.4	132.4	132.2	135.5	137.4	140.5
70°	113.9	113.9	113.5	113.5	113.5	113.9	113.9	116.4	118.0	119.7	121.8
72.5°	101.1	100.8	100.1	99.7	100.1	100.8	101.1	102.0	102.9	104.6	106.6
75°	81.4	81.8	81.0	80.6	81.0	81.8	81.4	81.4	83.1	83.5	84.3
77.5°	60.1	58.4	59.3	58.4	59.3	58.4	60.1	61.8	62.3	64.2	64.2
80°	45.6	45.2	46.5	45.2	46.5	45.2	45.6	45.6	46.9	47.7	49.7
82.5°	36.1	35.7	36.3	35.4	36.3	35.7	36.1	35.8	36.4	37.5	37.2
85°	21.8	21.4	21.0	21.4	21.0	21.4	21.8	21.4	21.0	21.4	21.8
87.5°	12.1	11.9	12.0	12.2	12.0	11.9	12.1	11.6	11.7	11.6	11.3
90°	22.6	23.2	23.9	24.6	23.9	23.2	22.6	21.9	21.0	19.8	18.7
92.5°	22.0	22.3	22.7	23.0	22.7	22.3	22.0	21.7	21.0	19.8	18.7
95°	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.0	19.8	18.7
97.5°	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	24.7	31.2	37.6
100°	24.2	23.4	22.4	21.5	22.4	23.4	24.2	25.2	42.6	76.6	110.5
102.5°	175.5	160.0	144.5	129.0	144.5	160.0	175.5	191.0	202.0	208.4	214.8
105°	305.3	305.1	304.8	304.6	304.8	305.1	305.3	305.5	305.6	305.6	305.6
107.5°	386.0	385.4	384.7	384.0	384.7	385.4	386.0	386.7	387.1	387.1	387.0
110°	438.3	438.6	438.8	439.0	438.8	438.6	438.3	438.1	438.3	439.0	439.7



TEST NUMBER: P333692-927

CATALOG NUMBER: S125RDIW-S850D1340U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	489.2	488.9	488.5	488.2	488.5	488.9	489.2	489.5	490.1	491.0	491.8
115°	566.2	564.8	563.4	562.1	563.4	564.8	566.2	567.5	568.7	569.6	570.5
117.5°	642.6	642.1	641.4	640.9	641.4	642.1	642.6	643.2	644.1	645.3	646.5
120°	692.7	691.5	690.4	689.3	690.4	691.5	692.7	693.8	694.6	695.1	695.5
122.5°	739.2	737.8	736.5	735.2	736.5	737.8	739.2	740.5	741.4	741.8	742.3
125°	807.2	806.5	805.8	805.2	805.8	806.5	807.2	807.9	808.7	809.6	810.5
127.5°	869.1	867.4	865.7	864.0	865.7	867.4	869.1	870.8	871.9	872.4	872.9
130°	910.1	908.9	907.8	906.7	907.8	908.9	910.1	911.2	912.2	912.8	913.5
132.5°	949.5	948.4	947.2	946.1	947.2	948.4	949.5	950.6	951.3	951.4	951.6
135°	1004.2	1002.7	1001.4	1000.1	1001.4	1002.7	1004.2	1005.5	1006.4	1006.9	1007.3
137.5°	1057.7	1056.5	1055.3	1054.2	1055.3	1056.5	1057.7	1058.9	1059.5	1059.4	1059.3
140°	1090.3	1088.9	1087.6	1086.2	1087.6	1088.9	1090.3	1091.6	1092.1	1091.6	1091.2
142.5°	1120.6	1119.3	1117.9	1116.6	1117.9	1119.3	1120.6	1122.0	1122.7	1122.6	1122.4
145°	1165.1	1163.8	1162.4	1161.1	1162.4	1163.8	1165.1	1166.6	1167.1	1166.9	1166.6
147.5°	1202.7	1201.0	1199.4	1197.8	1199.4	1201.0	1202.7	1204.4	1205.1	1204.8	1204.5
150°	1227.0	1225.2	1223.4	1221.5	1223.4	1225.2	1227.0	1228.8	1229.5	1229.1	1228.7
152.5°	1248.6	1247.1	1245.4	1243.7	1245.4	1247.1	1248.6	1250.3	1250.9	1250.5	1250.0
155°	1278.3	1276.5	1274.7	1272.9	1274.7	1276.5	1278.3	1280.2	1280.7	1280.0	1279.4
157.5°	1302.7	1300.9	1299.1	1297.3	1299.1	1300.9	1302.7	1304.6	1305.1	1304.4	1303.7
160°	1318.3	1316.5	1314.7	1312.9	1314.7	1316.5	1318.3	1320.2	1320.6	1319.7	1318.8
162.5°	1332.8	1330.8	1328.8	1326.8	1328.8	1330.8	1332.8	1334.8	1335.2	1334.0	1332.6
165°	1351.1	1349.3	1347.5	1345.7	1347.5	1349.3	1351.1	1353.0	1353.2	1351.9	1350.4
167.5°	1364.9	1362.9	1360.9	1358.8	1360.9	1362.9	1364.9	1367.0	1367.2	1365.6	1364.0
170°	1372.4	1370.3	1368.3	1366.2	1368.3	1370.3	1372.4	1374.4	1374.5	1372.7	1370.9
172.5°	1377.3	1375.2	1373.2	1371.1	1373.2	1375.2	1377.3	1379.3	1379.5	1377.9	1376.3
175°	1383.6	1381.6	1379.5	1377.4	1379.5	1381.6	1383.6	1385.7	1385.8	1383.9	1382.1
177.5°	1385.5	1384.1	1382.6	1381.2	1382.6	1384.1	1385.5	1387.0	1387.1	1385.8	1384.6
180°	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6



TEST NUMBER: P333692-927

CATALOG NUMBER: S125RDIW-S850D1340U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0
2.5°	960.6	964.2	966.1	970.7	977.3	980.6	985.2	988.6	993.2	998.7	1003.4
5°	898.3	908.2	914.8	925.1	934.5	944.0	955.9	964.6	976.1	989.3	999.6
7.5°	840.6	852.9	863.9	877.5	893.1	905.3	920.8	936.7	954.7	973.4	991.0
10°	803.7	816.1	829.7	846.5	862.1	878.6	897.1	915.6	938.3	959.3	983.1
12.5°	767.2	780.9	796.1	814.9	833.9	854.9	873.8	894.6	918.9	946.1	971.6
15°	721.9	735.1	751.5	767.5	789.3	812.4	837.5	865.1	892.2	922.7	954.3
17.5°	673.3	687.8	705.8	724.5	747.4	774.4	799.0	829.2	859.7	895.2	932.4
20°	641.7	656.5	677.9	698.5	719.5	745.8	775.0	805.8	838.3	875.8	917.3
22.5°	616.7	627.2	648.2	669.2	693.8	720.7	749.3	781.5	816.9	855.6	899.2
25°	579.6	591.9	607.1	628.9	654.4	682.9	711.6	745.8	784.4	823.9	870.4
27.5°	546.6	556.7	571.8	588.9	614.3	643.7	674.4	710.0	749.6	789.9	838.7
30°	523.2	534.3	548.7	566.8	587.0	619.1	650.3	685.3	725.6	767.1	817.3
32.5°	502.8	514.3	526.6	543.8	565.6	594.1	626.3	660.6	701.6	744.4	793.3
35°	474.3	482.1	493.6	510.5	531.9	554.9	587.8	624.0	663.9	708.3	757.2
37.5°	441.6	451.6	463.1	477.8	496.5	521.4	552.0	588.6	625.7	668.2	712.9
40°	422.5	431.9	444.7	455.3	475.1	497.7	525.7	564.0	600.9	640.9	681.6
42.5°	403.1	412.2	422.9	436.3	454.0	476.0	502.0	537.7	577.3	614.9	649.0
45°	372.6	382.1	392.4	404.7	421.2	442.6	468.5	501.0	535.6	570.1	596.0
47.5°	343.6	352.5	362.3	374.9	390.1	410.7	433.9	462.6	496.1	525.5	544.1
50°	322.9	331.1	341.8	354.2	369.0	388.3	410.5	438.9	466.8	493.6	510.5
52.5°	302.5	311.7	322.4	333.1	347.3	366.6	387.1	411.6	438.2	460.0	474.0
55°	271.9	280.5	290.4	301.5	315.5	331.9	353.8	373.1	394.0	412.6	420.8
57.5°	242.3	249.9	259.2	270.8	283.4	298.7	315.9	334.5	349.3	362.4	371.7
60°	222.9	229.5	238.1	248.0	261.6	275.6	291.2	308.5	320.0	331.1	339.8
62.5°	203.2	209.5	217.8	226.6	238.6	251.6	266.6	280.5	291.8	299.2	309.2
65°	173.6	179.7	186.7	196.2	205.7	216.3	230.0	240.2	248.0	256.3	262.4
67.5°	146.0	151.1	157.8	165.2	173.2	183.5	194.0	202.6	207.9	212.9	220.2
70°	127.9	132.1	137.4	143.1	151.8	162.1	170.3	176.9	180.6	185.5	194.6
72.5°	109.5	114.2	119.3	125.1	132.1	140.7	147.9	154.5	156.9	160.8	166.6
75°	86.3	88.9	93.0	97.0	102.0	109.4	116.4	118.0	120.1	123.4	127.5
77.5°	65.4	67.6	69.2	71.9	75.8	81.8	85.5	87.9	88.4	89.7	93.7
80°	51.8	53.1	54.7	56.8	58.4	63.4	65.4	67.9	68.7	69.9	72.0
82.5°	38.0	39.2	40.2	42.0	44.6	46.6	48.6	51.1	51.3	52.1	52.6
85°	22.2	22.7	21.8	22.7	23.1	23.8	25.9	28.0	27.6	27.2	28.4
87.5°	11.4	11.2	10.5	11.2	10.2	10.2	9.9	9.8	10.1	10.5	10.8
90°	17.6	16.4	14.8	13.2	11.6	10.1	8.3	6.5	4.7	2.9	1.0
92.5°	17.6	16.4	15.0	13.5	12.2	10.8	10.7	12.0	13.2	14.5	15.8
95°	17.6	16.4	25.0	33.7	42.4	51.0	55.7	56.4	57.1	57.8	58.5
97.5°	44.0	50.5	67.6	84.8	101.9	119.0	127.0	125.7	124.5	123.3	122.1
100°	144.5	178.5	177.5	176.7	175.7	174.8	174.0	173.3	172.6	172.0	171.3
102.5°	221.3	227.7	227.1	226.6	226.1	225.5	224.8	223.9	223.1	222.2	221.3
105°	305.6	305.6	305.6	305.6	305.6	305.6	305.2	304.3	303.4	302.5	301.6
107.5°	386.9	386.9	386.4	386.0	385.6	385.1	384.8	384.8	384.8	384.8	384.8
110°	440.4	441.0	440.6	440.1	439.7	439.2	439.0	439.0	439.0	439.0	439.0



TEST NUMBER: P333692-927

CATALOG NUMBER: S125RDIW-S850D1340U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	492.7	493.5	493.3	493.0	492.7	492.5	492.0	491.5	491.0	490.4	489.9
115°	571.4	572.4	572.1	571.9	571.6	571.4	570.8	569.6	568.5	567.3	566.2
117.5°	647.7	648.9	648.0	647.1	646.3	645.4	645.0	645.0	645.1	645.1	645.2
120°	696.0	696.4	695.8	695.1	694.3	693.7	693.5	693.7	694.0	694.2	694.3
122.5°	742.8	743.2	742.9	742.6	742.3	742.0	741.3	740.5	739.6	738.7	737.8
125°	811.4	812.3	812.3	812.3	812.3	812.3	811.5	809.9	808.3	806.8	805.2
127.5°	873.4	873.9	874.0	874.2	874.3	874.4	873.9	872.7	871.6	870.5	869.3
130°	914.3	914.9	914.7	914.4	914.3	914.0	913.3	912.2	911.0	909.9	908.7
132.5°	951.7	951.8	952.4	952.8	953.3	953.9	953.4	952.1	950.8	949.4	948.2
135°	1007.8	1008.2	1008.7	1009.2	1009.6	1010.0	1009.6	1008.2	1006.9	1005.5	1004.2
137.5°	1059.2	1059.1	1059.5	1059.9	1060.3	1060.7	1060.3	1059.1	1058.0	1056.8	1055.7
140°	1090.8	1090.3	1090.5	1090.8	1091.0	1091.2	1091.1	1090.6	1090.2	1089.7	1089.3
142.5°	1122.4	1122.3	1122.0	1121.7	1121.3	1121.0	1120.7	1120.5	1120.1	1119.9	1119.6
145°	1166.4	1166.2	1166.2	1166.2	1166.2	1166.2	1165.9	1165.5	1165.1	1164.6	1164.1
147.5°	1204.2	1204.0	1203.6	1203.4	1203.1	1202.8	1202.8	1202.8	1202.9	1203.0	1203.1
150°	1228.2	1227.7	1227.2	1226.9	1226.4	1225.9	1225.9	1226.4	1226.9	1227.2	1227.7
152.5°	1249.5	1249.0	1248.6	1248.2	1247.7	1247.2	1247.5	1248.6	1249.5	1250.5	1251.5
155°	1278.7	1278.0	1277.6	1277.1	1276.6	1276.2	1276.6	1278.0	1279.4	1280.7	1282.1
157.5°	1302.9	1302.2	1302.2	1302.1	1302.0	1302.0	1302.4	1303.2	1304.0	1304.9	1305.7
160°	1317.9	1317.0	1316.8	1316.5	1316.3	1316.1	1316.6	1318.0	1319.4	1320.7	1322.1
162.5°	1331.3	1330.1	1329.8	1329.7	1329.4	1329.2	1329.8	1331.1	1332.5	1333.9	1335.2
165°	1349.1	1347.7	1347.5	1347.3	1347.0	1346.8	1347.4	1348.8	1350.1	1351.5	1352.9
167.5°	1362.3	1360.7	1360.4	1360.2	1359.9	1359.8	1360.3	1361.8	1363.2	1364.6	1366.0
170°	1369.0	1367.2	1367.0	1366.8	1366.5	1366.3	1367.0	1368.6	1370.2	1371.8	1373.4
172.5°	1374.6	1372.9	1372.5	1372.1	1371.7	1371.3	1371.9	1373.5	1375.1	1376.7	1378.3
175°	1380.3	1378.5	1378.3	1378.1	1377.8	1377.6	1378.2	1379.5	1380.9	1382.3	1383.6
177.5°	1383.3	1382.0	1381.8	1381.6	1381.5	1381.2	1381.7	1382.8	1383.9	1385.0	1386.1
180°	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6



TEST NUMBER: P333692-927

CATALOG NUMBER: S125RDIW-S850D1340U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0
2.5°	1006.9	1010.0	1014.2	1019.1	1023.1	1027.4	1029.7	1029.7	1031.7	1035.9	1041.5
5°	1009.9	1020.6	1030.8	1044.0	1054.2	1066.2	1075.2	1083.9	1091.7	1101.5	1111.8
7.5°	1009.0	1026.7	1045.3	1066.0	1088.9	1107.1	1125.8	1140.4	1154.8	1173.8	1188.7
10°	1005.8	1028.7	1053.8	1080.1	1109.0	1134.1	1156.7	1177.3	1197.0	1217.6	1236.0
12.5°	999.8	1029.1	1059.8	1091.4	1127.8	1156.4	1185.7	1207.5	1230.6	1253.1	1275.9
15°	990.9	1025.5	1062.5	1106.5	1151.0	1183.0	1211.8	1240.2	1261.6	1287.1	1308.9
17.5°	972.6	1017.1	1063.7	1111.7	1154.4	1191.8	1221.9	1248.9	1271.7	1299.7	1329.4
20°	961.7	1009.9	1058.4	1109.8	1150.5	1188.7	1218.0	1245.9	1274.3	1310.9	1347.1
22.5°	946.6	998.0	1049.5	1098.3	1141.3	1178.2	1208.4	1242.7	1279.9	1321.4	1365.2
25°	922.7	975.7	1026.7	1073.2	1115.2	1153.0	1194.1	1240.2	1285.5	1340.1	1403.1
27.5°	892.3	943.4	989.0	1038.1	1079.7	1127.9	1179.2	1229.2	1294.4	1369.7	1448.3
30°	869.6	918.1	961.3	1007.8	1055.1	1108.2	1165.8	1224.6	1302.3	1390.8	1484.2
32.5°	843.3	887.2	930.0	974.9	1029.4	1087.7	1149.0	1220.9	1313.8	1414.4	1511.1
35°	797.6	837.1	878.6	928.4	986.4	1049.7	1127.9	1215.5	1327.8	1436.0	1522.8
37.5°	749.7	780.9	822.6	875.1	938.3	1011.5	1100.3	1206.7	1322.1	1419.1	1456.0
40°	712.9	742.0	786.1	841.2	903.7	983.9	1083.5	1192.9	1308.9	1376.3	1373.5
42.5°	676.3	705.8	748.2	803.7	868.9	958.6	1061.1	1174.8	1272.7	1298.4	1244.8
45°	620.3	647.8	689.4	745.4	815.3	909.5	1017.2	1126.2	1188.7	1147.2	1041.1
47.5°	563.2	589.9	628.5	683.3	759.6	858.3	960.1	1049.6	1058.4	969.2	841.9
50°	525.7	550.8	587.4	645.8	719.9	816.1	914.4	984.8	963.0	854.0	722.7
52.5°	489.2	513.3	547.6	602.7	678.3	772.7	860.5	915.6	865.2	749.3	631.2
55°	435.2	458.2	492.8	543.4	612.0	698.5	775.4	795.5	721.5	604.7	509.2
57.5°	384.0	400.8	435.0	479.7	545.9	622.1	677.2	673.6	591.9	486.7	418.3
60°	350.1	365.3	397.8	438.9	501.8	570.1	608.8	592.3	509.6	422.9	357.0
62.5°	318.5	332.7	359.9	397.8	451.8	511.2	539.3	516.7	438.6	362.3	310.0
65°	270.7	280.9	302.8	337.7	380.1	421.2	446.3	413.0	343.9	286.3	246.8
67.5°	226.0	234.9	254.3	279.4	308.6	337.0	347.1	315.9	262.2	223.4	195.6
70°	197.0	205.3	218.4	241.9	261.2	281.4	286.3	258.3	213.5	183.9	166.6
72.5°	169.4	177.0	188.5	205.0	218.4	230.0	232.3	206.4	172.0	151.6	138.3
75°	129.1	135.8	143.1	149.3	158.0	160.0	159.1	139.0	120.5	106.9	99.6
77.5°	94.9	97.7	102.2	104.6	105.0	104.9	100.7	87.9	78.4	72.8	69.8
80°	73.2	75.3	76.5	77.3	77.7	73.6	69.1	61.3	58.0	54.7	51.0
82.5°	53.2	54.6	55.8	55.9	53.7	50.3	46.1	42.2	39.9	38.3	36.8
85°	28.8	29.2	28.8	26.8	23.8	22.7	21.8	21.0	20.6	20.1	20.1
87.5°	10.8	10.1	8.9	9.6	9.9	9.9	10.2	10.2	10.2	10.5	10.6
90°	2.9	4.7	6.5	8.3	10.1	11.6	13.2	14.8	16.4	17.6	18.7
92.5°	14.5	13.2	12.0	10.7	10.8	12.2	13.5	15.0	16.4	17.6	18.7
95°	57.8	57.1	56.4	55.7	51.0	42.4	33.7	25.0	16.4	17.6	18.7
97.5°	123.3	124.5	125.7	127.0	119.0	101.9	84.8	67.6	50.5	44.0	37.6
100°	172.0	172.6	173.3	174.0	174.8	175.7	176.7	177.5	178.5	144.5	110.5
102.5°	222.2	223.1	223.9	224.8	225.5	226.1	226.6	227.1	227.7	221.3	214.8
105°	302.5	303.4	304.3	305.2	305.6	305.6	305.6	305.6	305.6	305.6	305.6
107.5°	384.8	384.8	384.8	384.8	385.1	385.6	386.0	386.4	386.9	386.9	387.0
110°	439.0	439.0	439.0	439.0	439.2	439.7	440.1	440.6	441.0	440.4	439.7





TEST NUMBER: P333692-927

CATALOG NUMBER: S125RDIW-S850D1340U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	490.4	491.0	491.5	492.0	492.5	492.7	493.0	493.3	493.5	492.7	491.8
115°	567.3	568.5	569.6	570.8	571.4	571.6	571.9	572.1	572.4	571.4	570.5
117.5°	645.1	645.1	645.0	645.0	645.4	646.3	647.1	648.0	648.9	647.7	646.5
120°	694.2	694.0	693.7	693.5	693.7	694.3	695.1	695.8	696.4	696.0	695.5
122.5°	738.7	739.6	740.5	741.3	742.0	742.3	742.6	742.9	743.2	742.8	742.3
125°	806.8	808.3	809.9	811.5	812.3	812.3	812.3	812.3	812.3	811.4	810.5
127.5°	870.5	871.6	872.7	873.9	874.4	874.3	874.2	874.0	873.9	873.4	872.9
130°	909.9	911.0	912.2	913.3	914.0	914.3	914.4	914.7	914.9	914.3	913.5
132.5°	949.4	950.8	952.1	953.4	953.9	953.3	952.8	952.4	951.8	951.7	951.6
135°	1005.5	1006.9	1008.2	1009.6	1010.0	1009.6	1009.2	1008.7	1008.2	1007.8	1007.3
137.5°	1056.8	1058.0	1059.1	1060.3	1060.7	1060.3	1059.9	1059.5	1059.1	1059.2	1059.3
140°	1089.7	1090.2	1090.6	1091.1	1091.2	1091.0	1090.8	1090.5	1090.3	1090.8	1091.2
142.5°	1119.9	1120.1	1120.5	1120.7	1121.0	1121.3	1121.7	1122.0	1122.3	1122.4	1122.4
145°	1164.6	1165.1	1165.5	1165.9	1166.2	1166.2	1166.2	1166.2	1166.2	1166.4	1166.6
147.5°	1203.0	1202.9	1202.8	1202.8	1202.8	1203.1	1203.4	1203.6	1204.0	1204.2	1204.5
150°	1227.2	1226.9	1226.4	1225.9	1225.9	1226.4	1226.9	1227.2	1227.7	1228.2	1228.7
152.5°	1250.5	1249.5	1248.6	1247.5	1247.2	1247.7	1248.2	1248.6	1249.0	1249.5	1250.0
155°	1280.7	1279.4	1278.0	1276.6	1276.2	1276.6	1277.1	1277.6	1278.0	1278.7	1279.4
157.5°	1304.9	1304.0	1303.2	1302.4	1302.0	1302.0	1302.1	1302.2	1302.2	1302.9	1303.7
160°	1320.7	1319.4	1318.0	1316.6	1316.1	1316.3	1316.5	1316.8	1317.0	1317.9	1318.8
162.5°	1333.9	1332.5	1331.1	1329.8	1329.2	1329.4	1329.7	1329.8	1330.1	1331.3	1332.6
165°	1351.5	1350.1	1348.8	1347.4	1346.8	1347.0	1347.3	1347.5	1347.7	1349.1	1350.4
167.5°	1364.6	1363.2	1361.8	1360.3	1359.8	1359.9	1360.2	1360.4	1360.7	1362.3	1364.0
170°	1371.8	1370.2	1368.6	1367.0	1366.3	1366.5	1366.8	1367.0	1367.2	1369.0	1370.9
172.5°	1376.7	1375.1	1373.5	1371.9	1371.3	1371.7	1372.1	1372.5	1372.9	1374.6	1376.3
175°	1382.3	1380.9	1379.5	1378.2	1377.6	1377.8	1378.1	1378.3	1378.5	1380.3	1382.1
177.5°	1385.0	1383.9	1382.8	1381.7	1381.2	1381.5	1381.6	1381.8	1382.0	1383.3	1384.6
180°	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6



TEST NUMBER: P333692-927

CATALOG NUMBER: S125RDIW-S850D1340U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0
2.5°	1045.8	1045.8	1051.4	1051.1	1054.7	1053.4	1054.0
5°	1124.2	1131.2	1137.3	1141.5	1147.6	1149.3	1148.4
7.5°	1205.5	1221.0	1228.6	1239.0	1240.9	1246.3	1245.7
10°	1255.8	1271.1	1282.5	1291.6	1296.2	1301.9	1302.3
12.5°	1295.3	1308.2	1318.4	1326.8	1332.3	1334.1	1335.2
15°	1326.2	1340.5	1352.5	1364.4	1371.4	1376.7	1379.7
17.5°	1357.2	1379.5	1400.5	1416.7	1426.5	1434.6	1434.6
20°	1381.2	1406.8	1433.1	1451.6	1470.5	1478.8	1480.0
22.5°	1406.9	1446.0	1479.9	1508.6	1533.4	1542.0	1545.2
25°	1460.2	1511.2	1563.5	1603.9	1632.6	1649.5	1651.9
27.5°	1524.6	1593.7	1648.7	1685.8	1709.8	1722.3	1725.0
30°	1570.1	1633.9	1683.2	1711.2	1722.3	1723.9	1717.8
32.5°	1590.5	1638.2	1657.9	1656.2	1634.4	1619.9	1614.4
35°	1565.6	1555.7	1507.5	1450.0	1406.0	1378.0	1370.6
37.5°	1424.7	1339.6	1251.0	1164.0	1117.7	1094.2	1053.7
40°	1285.9	1164.5	1072.4	999.2	946.9	904.9	895.1
42.5°	1129.2	1003.9	911.8	849.1	807.4	778.6	766.0
45°	907.4	799.6	723.6	675.4	643.3	622.3	612.9
47.5°	725.8	642.4	586.9	551.3	526.9	508.6	503.5
50°	626.1	559.4	512.5	482.5	464.0	450.0	444.3
52.5°	543.8	490.0	453.9	429.2	411.7	403.0	398.2
55°	448.8	402.3	376.4	356.6	346.7	339.8	336.4
57.5°	367.0	333.4	314.5	300.9	291.8	287.2	285.7
60°	321.2	294.9	277.7	267.0	260.8	255.0	253.4
62.5°	280.7	260.1	246.7	237.3	231.2	228.7	227.8
65°	226.2	212.7	202.8	197.0	192.1	191.3	190.8
67.5°	179.8	171.8	166.7	160.7	158.9	156.1	155.5
70°	153.8	148.5	142.4	140.3	138.2	135.3	135.8
72.5°	130.5	125.2	121.0	118.2	117.5	116.2	117.3
75°	95.5	93.8	92.1	90.1	89.3	89.3	88.9
77.5°	68.1	66.7	64.9	63.7	63.5	61.7	62.3
80°	49.4	47.3	46.5	46.9	45.6	45.2	45.2
82.5°	36.5	35.8	34.9	35.0	34.8	34.4	34.7
85°	20.1	19.7	19.7	19.3	19.3	18.9	18.9
87.5°	11.2	11.7	11.2	11.1	11.2	11.7	12.2
90°	19.8	21.0	21.9	22.6	23.2	23.9	24.6
92.5°	19.8	21.0	21.7	22.0	22.3	22.7	23.0
95°	19.8	21.0	21.5	21.5	21.5	21.5	21.5
97.5°	31.2	24.7	21.5	21.5	21.5	21.5	21.5
100°	76.6	42.6	25.2	24.2	23.4	22.4	21.5
102.5°	208.4	202.0	191.0	175.5	160.0	144.5	129.0
105°	305.6	305.6	305.5	305.3	305.1	304.8	304.6
107.5°	387.1	387.1	386.7	386.0	385.4	384.7	384.0
110°	439.0	438.3	438.1	438.3	438.6	438.8	439.0



TEST NUMBER: P333692-927

CATALOG NUMBER: S125RDIW-S850D1340U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	491.0	490.1	489.5	489.2	488.9	488.5	488.2
115°	569.6	568.7	567.5	566.2	564.8	563.4	562.1
117.5°	645.3	644.1	643.2	642.6	642.1	641.4	640.9
120°	695.1	694.6	693.8	692.7	691.5	690.4	689.3
122.5°	741.8	741.4	740.5	739.2	737.8	736.5	735.2
125°	809.6	808.7	807.9	807.2	806.5	805.8	805.2
127.5°	872.4	871.9	870.8	869.1	867.4	865.7	864.0
130°	912.8	912.2	911.2	910.1	908.9	907.8	906.7
132.5°	951.4	951.3	950.6	949.5	948.4	947.2	946.1
135°	1006.9	1006.4	1005.5	1004.2	1002.7	1001.4	1000.1
137.5°	1059.4	1059.5	1058.9	1057.7	1056.5	1055.3	1054.2
140°	1091.6	1092.1	1091.6	1090.3	1088.9	1087.6	1086.2
142.5°	1122.6	1122.7	1122.0	1120.6	1119.3	1117.9	1116.6
145°	1166.9	1167.1	1166.6	1165.1	1163.8	1162.4	1161.1
147.5°	1204.8	1205.1	1204.4	1202.7	1201.0	1199.4	1197.8
150°	1229.1	1229.5	1228.8	1227.0	1225.2	1223.4	1221.5
152.5°	1250.5	1250.9	1250.3	1248.6	1247.1	1245.4	1243.7
155°	1280.0	1280.7	1280.2	1278.3	1276.5	1274.7	1272.9
157.5°	1304.4	1305.1	1304.6	1302.7	1300.9	1299.1	1297.3
160°	1319.7	1320.6	1320.2	1318.3	1316.5	1314.7	1312.9
162.5°	1334.0	1335.2	1334.8	1332.8	1330.8	1328.8	1326.8
165°	1351.9	1353.2	1353.0	1351.1	1349.3	1347.5	1345.7
167.5°	1365.6	1367.2	1367.0	1364.9	1362.9	1360.9	1358.8
170°	1372.7	1374.5	1374.4	1372.4	1370.3	1368.3	1366.2
172.5°	1377.9	1379.5	1379.3	1377.3	1375.2	1373.2	1371.1
175°	1383.9	1385.8	1385.7	1383.6	1381.6	1379.5	1377.4
177.5°	1385.8	1387.1	1387.0	1385.5	1384.1	1382.6	1381.2
180°	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6	1383.6

(END OF REPORT)