

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: P333689-927

Luminaire Tested: **S125RDIW-S850D1050U927-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333689-927  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-11,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S125RDIW-S850D1050U927-4F0-1E-UDD-A1  
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 850 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1050 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

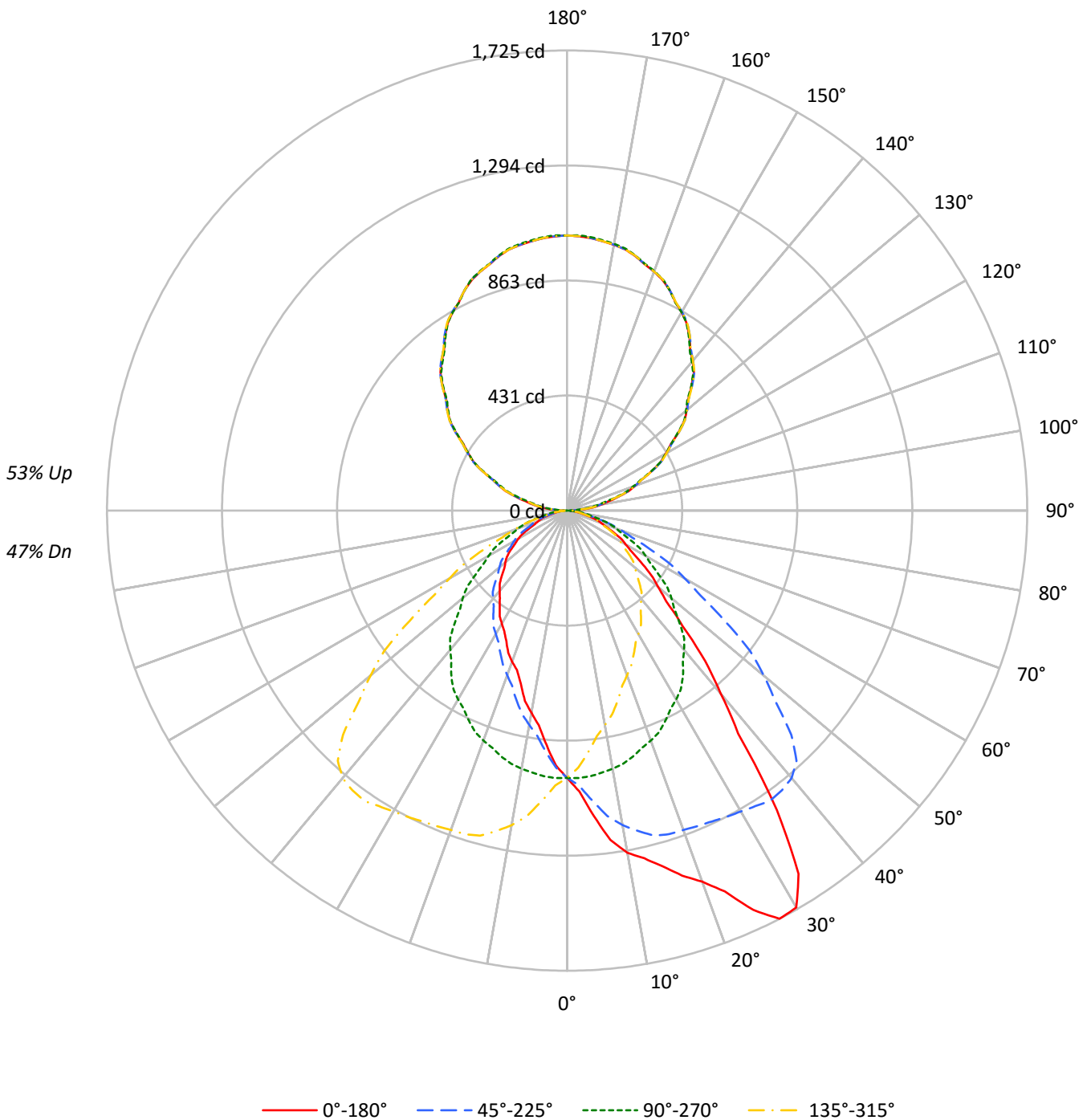
Lumens per Lamp: N/A  
Luminaire Lumens: 5476.6 lumens  
Efficiency: N/A  
Efficacy: 104.1 lumens/watt  
Spacing Criteria (0/90/45): 1.4 / 1.22 / 1.47  
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')  
CIE Type: General Diffuse  
  
Input Watts (W): 52.6  
Input Voltage (V): 120  
Input Current (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: P333689-927

CATALOG NUMBER: S125RDIW-S850D1050U927-4F0-1E-UDD-A1

### Luminous Intensity Polar Plot





TEST NUMBER: P333689-927

CATALOG NUMBER: S125RDIW-S850D1050U927-4F0-1E-UDD-A1

**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	107	107	107	107	98	98	98	98	82	82	82	67	67	67	54	54	54	47				
1	98	93	90	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41				
2	89	82	76	71	82	76	71	66	64	60	57	53	50	48	43	41	39	35				
3	82	72	65	60	75	67	61	56	57	52	48	47	44	41	38	36	34	30				
4	75	64	57	51	69	59	53	48	50	45	41	42	38	35	34	32	30	26				
5	69	57	49	44	63	53	46	41	45	40	36	38	34	31	31	28	26	23				
6	63	51	44	38	58	48	41	36	41	35	31	34	30	27	28	25	23	20				
7	59	47	39	33	54	43	36	31	37	32	28	31	27	24	26	23	20	18				
8	54	42	35	29	50	39	33	28	34	28	25	29	24	21	24	21	18	16				
9	51	39	31	26	47	36	29	25	31	26	22	26	22	19	22	19	17	14				
10	47	35	28	24	44	33	27	22	29	23	20	24	20	17	20	17	15	13				

**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: P333689-927

CATALOG NUMBER: S125RDIW-S850D1050U927-4F0-1E-UDD-A1

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	96.1	1.8
10°-20°	281.6	5.1
20°-30°	446.5	8.2
30°-40°	538.4	9.8
40°-50°	480.8	8.8
50°-60°	368.7	6.7
60°-70°	239.6	4.4
70°-80°	116.5	2.1
80°-90°	30.1	0.5
90°-100°	69.1	1.3
100°-110°	204.0	3.7
110°-120°	345.5	6.3
120°-130°	454.7	8.3
130°-140°	509.6	9.3
140°-150°	499.4	9.1
150°-160°	419.5	7.7
160°-170°	278.8	5.1
170°-180°	97.6	1.8
0°-30°	824.2	15.0
0°-40°	1362.6	24.9
0°-60°	2212.2	40.4
0°-90°	2598.3	47.4
90°-120°	618.6	11.3
90°-150°	2082.3	38.0
90°-180°	2878.0	52.6
0°-180°	5476.6	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°	19	1	19	1	19	12
95°	69	52	69	52	69	70
105°	199	183	199	183	199	211
115°	349	346	349	346	349	345
125°	508	505	508	505	508	454
135°	659	657	659	657	659	508
145°	799	795	799	795	799	499
155°	910	910	910	910	910	419
165°	987	990	987	990	987	278
175°	1025	1029	1025	1029	1025	97
180°	1031	1031	1031	1031	1031	



TEST NUMBER: P333689-927

CATALOG NUMBER: S125RDIW-S850D1050U927-4F0-1E-UDD-A1

**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°	11.1	10.7	10.2	10.1	10.3	10.9	10.4	9.8	9.7	9.5	9.6
90°	19.3	18.7	18.2	17.7	17.1	16.4	15.5	14.7	13.7	12.8	11.6
92.5°	37.9	37.5	37.1	36.7	36.3	35.6	34.4	33.2	32.0	30.8	29.3
95°	69.0	68.7	68.3	68.0	67.6	66.8	65.5	64.3	63.1	61.8	60.0
97.5°	104.6	104.5	104.3	104.0	103.8	103.1	102.0	100.8	99.6	98.4	95.9
100°	131.7	131.3	130.9	130.6	130.2	129.2	127.6	126.0	124.5	122.8	120.5
102.5°	158.6	158.1	157.6	157.1	156.6	155.5	153.8	152.0	150.3	148.5	147.3
105°	199.1	198.5	198.0	197.5	196.9	196.1	195.0	194.0	192.9	191.9	190.8
107.5°	240.5	240.5	240.6	240.6	240.7	240.3	239.9	239.3	238.8	238.2	237.4
110°	271.3	271.5	271.6	271.9	272.0	271.9	271.3	270.8	270.2	269.7	269.2



TEST NUMBER: P333689-927

CATALOG NUMBER: S125RDIW-S850D1050U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	301.5	301.8	302.1	302.5	302.8	302.8	302.5	302.3	302.1	301.8	301.1
115°	349.2	349.4	349.5	349.7	349.9	350.1	350.2	350.4	350.6	350.8	350.4
117.5°	395.7	396.4	397.1	397.8	398.5	398.9	398.7	398.5	398.5	398.3	398.0
120°	427.9	428.6	429.3	430.0	430.7	431.0	431.0	431.0	431.0	431.0	430.9
122.5°	459.9	460.5	461.1	461.7	462.2	462.6	462.7	462.9	463.0	463.2	462.7
125°	508.1	508.3	508.4	508.7	508.8	509.1	509.5	509.8	510.2	510.5	510.3
127.5°	554.4	554.7	555.1	555.4	555.8	556.0	556.2	556.3	556.6	556.7	556.5
130°	585.2	585.5	585.9	586.2	586.6	586.8	587.0	587.2	587.4	587.6	587.2
132.5°	614.0	614.6	615.1	615.5	616.1	616.4	616.6	616.7	617.0	617.1	617.2
135°	659.0	659.7	660.4	661.2	661.9	662.2	662.2	662.2	662.2	662.2	662.0
137.5°	703.0	703.9	704.8	705.7	706.5	706.9	706.7	706.5	706.2	706.1	705.7
140°	731.3	732.1	733.0	734.0	734.8	735.1	734.7	734.4	734.0	733.6	733.1
142.5°	758.2	759.1	760.0	760.9	761.8	762.2	761.9	761.7	761.4	761.3	760.6
145°	798.7	799.2	799.7	800.3	800.8	801.1	801.1	801.1	801.1	801.1	800.6
147.5°	833.2	834.4	835.6	836.9	838.0	838.4	838.0	837.6	837.2	836.7	836.3
150°	858.9	859.2	859.6	859.9	860.3	860.5	860.5	860.5	860.5	860.5	859.8
152.5°	880.0	880.7	881.4	882.0	882.6	882.7	882.3	881.9	881.5	881.1	880.7
155°	910.2	911.2	912.0	912.9	913.8	913.9	913.2	912.5	911.8	911.1	910.9
157.5°	935.5	936.6	937.8	939.0	940.2	940.4	939.7	939.0	938.3	937.5	937.4
160°	952.8	953.7	954.6	955.5	956.3	956.5	955.8	955.1	954.3	953.6	953.4
162.5°	967.6	968.6	969.6	970.7	971.7	971.8	970.9	970.1	969.2	968.4	968.4
165°	987.3	988.4	989.4	990.5	991.6	991.7	991.0	990.3	989.6	988.9	988.7
167.5°	1003.1	1004.2	1005.3	1006.4	1007.5	1007.5	1006.4	1005.4	1004.2	1003.2	1003.2
170°	1011.4	1012.6	1013.9	1015.1	1016.4	1016.4	1015.4	1014.3	1013.3	1012.2	1012.2
172.5°	1018.4	1019.5	1020.6	1021.8	1022.9	1022.9	1021.8	1020.7	1019.7	1018.6	1018.6
175°	1025.0	1026.3	1027.5	1028.8	1030.0	1030.2	1029.0	1027.9	1026.9	1025.8	1025.8
177.5°	1028.9	1029.9	1030.9	1031.9	1032.8	1032.9	1032.1	1031.3	1030.4	1029.5	1029.7
180°	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4



TEST NUMBER: P333689-927

CATALOG NUMBER: S125RDIW-S850D1050U927-4F0-1E-UDD-A1

**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°	9.7	9.4	9.5	9.2	8.6	10.0	10.6	10.7	10.3	10.0	9.6
90°	10.4	9.1	7.8	6.5	5.1	3.6	2.2	0.8	2.2	3.6	5.1
92.5°	27.7	26.2	24.7	23.4	22.4	21.4	20.4	19.4	20.4	21.4	22.4
95°	58.2	56.5	54.7	53.6	53.2	52.9	52.5	52.2	52.5	52.9	53.2
97.5°	93.5	91.0	88.6	87.3	87.1	87.0	86.8	86.7	86.8	87.0	87.1
100°	118.2	115.8	113.5	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4
102.5°	146.2	145.0	143.8	142.8	142.1	141.4	140.7	140.0	140.7	141.4	142.1
105°	189.7	188.6	187.6	186.6	185.7	184.8	183.9	183.0	183.9	184.8	185.7
107.5°	236.6	235.8	235.0	234.1	233.2	232.3	231.4	230.5	231.4	232.3	233.2
110°	268.6	268.1	267.6	266.9	265.9	265.1	264.2	263.2	264.2	265.1	265.9





TEST NUMBER: P333689-927

CATALOG NUMBER: S125RDIW-S850D1050U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	300.5	299.8	299.1	298.5	298.1	297.6	297.1	296.7	297.1	297.6	298.1
115°	350.1	349.7	349.4	348.8	348.1	347.4	346.7	345.9	346.7	347.4	348.1
117.5°	397.7	397.4	397.0	396.7	396.3	396.0	395.7	395.4	395.7	396.0	396.3
120°	430.7	430.5	430.3	429.8	428.9	428.0	427.1	426.2	427.1	428.0	428.9
122.5°	462.2	461.8	461.3	460.9	460.6	460.3	459.9	459.6	459.9	460.3	460.6
125°	510.2	510.0	509.8	509.1	508.1	507.0	506.0	504.9	506.0	507.0	508.1
127.5°	556.3	556.1	555.9	555.5	554.8	554.3	553.7	553.0	553.7	554.3	554.8
130°	586.8	586.5	586.1	585.5	584.6	583.8	582.8	581.9	582.8	583.8	584.6
132.5°	617.3	617.3	617.4	616.7	615.2	613.8	612.3	610.9	612.3	613.8	615.2
135°	661.9	661.7	661.5	660.9	659.8	658.7	657.7	656.6	657.7	658.7	659.8
137.5°	705.3	704.9	704.5	703.8	702.7	701.7	700.7	699.7	700.7	701.7	702.7
140°	732.6	732.1	731.5	730.8	729.9	729.0	728.1	727.2	728.1	729.0	729.9
142.5°	759.9	759.2	758.6	757.9	757.1	756.4	755.6	754.9	755.6	756.4	757.1
145°	800.0	799.5	798.9	798.3	797.6	796.9	796.1	795.4	796.1	796.9	797.6
147.5°	835.8	835.4	835.0	834.6	834.2	833.9	833.5	833.1	833.5	833.9	834.2
150°	859.0	858.3	857.6	857.4	857.5	857.7	857.9	858.1	857.9	857.7	857.5
152.5°	880.4	880.2	879.9	879.6	879.4	879.1	878.8	878.6	878.8	879.1	879.4
155°	910.7	910.5	910.3	910.2	910.2	910.2	910.2	910.2	910.2	910.2	910.2
157.5°	937.2	937.0	936.8	936.9	937.3	937.7	938.1	938.5	938.1	937.7	937.3
160°	953.2	953.1	952.9	953.1	953.6	954.1	954.7	955.2	954.7	954.1	953.6
162.5°	968.3	968.3	968.2	968.4	968.8	969.2	969.6	969.9	969.6	969.2	968.8
165°	988.6	988.4	988.2	988.2	988.6	989.0	989.4	989.8	989.4	989.0	988.6
167.5°	1003.2	1003.2	1003.2	1003.5	1004.2	1005.0	1005.7	1006.4	1005.7	1005.0	1004.2
170°	1012.2	1012.2	1012.2	1012.6	1013.3	1014.0	1014.7	1015.4	1014.7	1014.0	1013.3
172.5°	1018.6	1018.6	1018.6	1019.0	1019.7	1020.4	1021.1	1021.8	1021.1	1020.4	1019.7
175°	1025.8	1025.8	1025.8	1026.2	1026.9	1027.6	1028.3	1029.0	1028.3	1027.6	1026.9
177.5°	1029.8	1029.9	1030.1	1030.5	1031.0	1031.6	1032.1	1032.8	1032.1	1031.6	1031.0
180°	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4



TEST NUMBER: P333689-927

CATALOG NUMBER: S125RDIW-S850D1050U927-4F0-1E-UDD-A1

**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°	9.5	9.8	9.7	10.6	9.9	10.5	10.6	10.5	10.7	10.9	10.7
90°	6.5	7.8	9.1	10.4	11.6	12.8	13.7	14.7	15.5	16.4	17.1
92.5°	23.4	24.7	26.2	27.7	29.3	30.8	32.0	33.2	34.4	35.6	36.3
95°	53.6	54.7	56.5	58.2	60.0	61.8	63.1	64.3	65.5	66.8	67.6
97.5°	87.3	88.6	91.0	93.5	95.9	98.4	99.6	100.8	102.0	103.1	103.8
100°	112.4	113.5	115.8	118.2	120.5	122.8	124.5	126.0	127.6	129.2	130.2
102.5°	142.8	143.8	145.0	146.2	147.3	148.5	150.3	152.0	153.8	155.5	156.6
105°	186.6	187.6	188.6	189.7	190.8	191.9	192.9	194.0	195.0	196.1	196.9
107.5°	234.1	235.0	235.8	236.6	237.4	238.2	238.8	239.3	239.9	240.3	240.7
110°	266.9	267.6	268.1	268.6	269.2	269.7	270.2	270.8	271.3	271.9	272.0



TEST NUMBER: P333689-927

CATALOG NUMBER: S125RDIW-S850D1050U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	298.5	299.1	299.8	300.5	301.1	301.8	302.1	302.3	302.5	302.8	302.8
115°	348.8	349.4	349.7	350.1	350.4	350.8	350.6	350.4	350.2	350.1	349.9
117.5°	396.7	397.0	397.4	397.7	398.0	398.3	398.5	398.5	398.7	398.9	398.5
120°	429.8	430.3	430.5	430.7	430.9	431.0	431.0	431.0	431.0	431.0	430.7
122.5°	460.9	461.3	461.8	462.2	462.7	463.2	463.0	462.9	462.7	462.6	462.2
125°	509.1	509.8	510.0	510.2	510.3	510.5	510.2	509.8	509.5	509.1	508.8
127.5°	555.5	555.9	556.1	556.3	556.5	556.7	556.6	556.3	556.2	556.0	555.8
130°	585.5	586.1	586.5	586.8	587.2	587.6	587.4	587.2	587.0	586.8	586.6
132.5°	616.7	617.4	617.3	617.3	617.2	617.1	617.0	616.7	616.6	616.4	616.1
135°	660.9	661.5	661.7	661.9	662.0	662.2	662.2	662.2	662.2	662.2	661.9
137.5°	703.8	704.5	704.9	705.3	705.7	706.1	706.2	706.5	706.7	706.9	706.5
140°	730.8	731.5	732.1	732.6	733.1	733.6	734.0	734.4	734.7	735.1	734.8
142.5°	757.9	758.6	759.2	759.9	760.6	761.3	761.4	761.7	761.9	762.2	761.8
145°	798.3	798.9	799.5	800.0	800.6	801.1	801.1	801.1	801.1	801.1	800.8
147.5°	834.6	835.0	835.4	835.8	836.3	836.7	837.2	837.6	838.0	838.4	838.0
150°	857.4	857.6	858.3	859.0	859.8	860.5	860.5	860.5	860.5	860.5	860.3
152.5°	879.6	879.9	880.2	880.4	880.7	881.1	881.5	881.9	882.3	882.7	882.6
155°	910.2	910.3	910.5	910.7	910.9	911.1	911.8	912.5	913.2	913.9	913.8
157.5°	936.9	936.8	937.0	937.2	937.4	937.5	938.3	939.0	939.7	940.4	940.2
160°	953.1	952.9	953.1	953.2	953.4	953.6	954.3	955.1	955.8	956.5	956.3
162.5°	968.4	968.2	968.3	968.3	968.4	968.4	969.2	970.1	970.9	971.8	971.7
165°	988.2	988.2	988.4	988.6	988.7	988.9	989.6	990.3	991.0	991.7	991.6
167.5°	1003.5	1003.2	1003.2	1003.2	1003.2	1003.2	1004.2	1005.4	1006.4	1007.5	1007.5
170°	1012.6	1012.2	1012.2	1012.2	1012.2	1012.2	1013.3	1014.3	1015.4	1016.4	1016.4
172.5°	1019.0	1018.6	1018.6	1018.6	1018.6	1018.6	1019.7	1020.7	1021.8	1022.9	1022.9
175°	1026.2	1025.8	1025.8	1025.8	1025.8	1025.8	1026.9	1027.9	1029.0	1030.2	1030.0
177.5°	1030.5	1030.1	1029.9	1029.8	1029.7	1029.5	1030.4	1031.3	1032.1	1032.9	1032.8
180°	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4



TEST NUMBER: P333689-927

CATALOG NUMBER: S125RDIW-S850D1050U927-4F0-1E-UDD-A1

**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°	11.1	10.9	11.0	11.1	11.0	10.9	11.1	10.7	10.9	10.7	10.5
90°	17.7	18.2	18.7	19.3	18.7	18.2	17.7	17.1	16.4	15.5	14.7
92.5°	36.7	37.1	37.5	37.9	37.5	37.1	36.7	36.3	35.6	34.4	33.2
95°	68.0	68.3	68.7	69.0	68.7	68.3	68.0	67.6	66.8	65.5	64.3
97.5°	104.0	104.3	104.5	104.6	104.5	104.3	104.0	103.8	103.1	102.0	100.8
100°	130.6	130.9	131.3	131.7	131.3	130.9	130.6	130.2	129.2	127.6	126.0
102.5°	157.1	157.6	158.1	158.6	158.1	157.6	157.1	156.6	155.5	153.8	152.0
105°	197.5	198.0	198.5	199.1	198.5	198.0	197.5	196.9	196.1	195.0	194.0
107.5°	240.6	240.6	240.5	240.5	240.5	240.6	240.6	240.7	240.3	239.9	239.3
110°	271.9	271.6	271.5	271.3	271.5	271.6	271.9	272.0	271.9	271.3	270.8



TEST NUMBER: P333689-927

CATALOG NUMBER: S125RDIW-S850D1050U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	302.5	302.1	301.8	301.5	301.8	302.1	302.5	302.8	302.8	302.5	302.3
115°	349.7	349.5	349.4	349.2	349.4	349.5	349.7	349.9	350.1	350.2	350.4
117.5°	397.8	397.1	396.4	395.7	396.4	397.1	397.8	398.5	398.9	398.7	398.5
120°	430.0	429.3	428.6	427.9	428.6	429.3	430.0	430.7	431.0	431.0	431.0
122.5°	461.7	461.1	460.5	459.9	460.5	461.1	461.7	462.2	462.6	462.7	462.9
125°	508.7	508.4	508.3	508.1	508.3	508.4	508.7	508.8	509.1	509.5	509.8
127.5°	555.4	555.1	554.7	554.4	554.7	555.1	555.4	555.8	556.0	556.2	556.3
130°	586.2	585.9	585.5	585.2	585.5	585.9	586.2	586.6	586.8	587.0	587.2
132.5°	615.5	615.1	614.6	614.0	614.6	615.1	615.5	616.1	616.4	616.6	616.7
135°	661.2	660.4	659.7	659.0	659.7	660.4	661.2	661.9	662.2	662.2	662.2
137.5°	705.7	704.8	703.9	703.0	703.9	704.8	705.7	706.5	706.9	706.7	706.5
140°	734.0	733.0	732.1	731.3	732.1	733.0	734.0	734.8	735.1	734.7	734.4
142.5°	760.9	760.0	759.1	758.2	759.1	760.0	760.9	761.8	762.2	761.9	761.7
145°	800.3	799.7	799.2	798.7	799.2	799.7	800.3	800.8	801.1	801.1	801.1
147.5°	836.9	835.6	834.4	833.2	834.4	835.6	836.9	838.0	838.4	838.0	837.6
150°	859.9	859.6	859.2	858.9	859.2	859.6	859.9	860.3	860.5	860.5	860.5
152.5°	882.0	881.4	880.7	880.0	880.7	881.4	882.0	882.6	882.7	882.3	881.9
155°	912.9	912.0	911.2	910.2	911.2	912.0	912.9	913.8	913.9	913.2	912.5
157.5°	939.0	937.8	936.6	935.5	936.6	937.8	939.0	940.2	940.4	939.7	939.0
160°	955.5	954.6	953.7	952.8	953.7	954.6	955.5	956.3	956.5	955.8	955.1
162.5°	970.7	969.6	968.6	967.6	968.6	969.6	970.7	971.7	971.8	970.9	970.1
165°	990.5	989.4	988.4	987.3	988.4	989.4	990.5	991.6	991.7	991.0	990.3
167.5°	1006.4	1005.3	1004.2	1003.1	1004.2	1005.3	1006.4	1007.5	1007.5	1006.4	1005.4
170°	1015.1	1013.9	1012.6	1011.4	1012.6	1013.9	1015.1	1016.4	1016.4	1015.4	1014.3
172.5°	1021.8	1020.6	1019.5	1018.4	1019.5	1020.6	1021.8	1022.9	1022.9	1021.8	1020.7
175°	1028.8	1027.5	1026.3	1025.0	1026.3	1027.5	1028.8	1030.0	1030.2	1029.0	1027.9
177.5°	1031.9	1030.9	1029.9	1028.9	1029.9	1030.9	1031.9	1032.8	1032.9	1032.1	1031.3
180°	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4



TEST NUMBER: P333689-927

CATALOG NUMBER: S125RDIW-S850D1050U927-4F0-1E-UDD-A1

**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°	10.6	10.5	9.9	10.6	9.7	9.8	9.5	9.6	10.0	10.3	10.7
90°	13.7	12.8	11.6	10.4	9.1	7.8	6.5	5.1	3.6	2.2	0.8
92.5°	32.0	30.8	29.3	27.7	26.2	24.7	23.4	22.4	21.4	20.4	19.4
95°	63.1	61.8	60.0	58.2	56.5	54.7	53.6	53.2	52.9	52.5	52.2
97.5°	99.6	98.4	95.9	93.5	91.0	88.6	87.3	87.1	87.0	86.8	86.7
100°	124.5	122.8	120.5	118.2	115.8	113.5	112.4	112.4	112.4	112.4	112.4
102.5°	150.3	148.5	147.3	146.2	145.0	143.8	142.8	142.1	141.4	140.7	140.0
105°	192.9	191.9	190.8	189.7	188.6	187.6	186.6	185.7	184.8	183.9	183.0
107.5°	238.8	238.2	237.4	236.6	235.8	235.0	234.1	233.2	232.3	231.4	230.5
110°	270.2	269.7	269.2	268.6	268.1	267.6	266.9	265.9	265.1	264.2	263.2



TEST NUMBER: P333689-927

CATALOG NUMBER: S125RDIW-S850D1050U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	302.1	301.8	301.1	300.5	299.8	299.1	298.5	298.1	297.6	297.1	296.7
115°	350.6	350.8	350.4	350.1	349.7	349.4	348.8	348.1	347.4	346.7	345.9
117.5°	398.5	398.3	398.0	397.7	397.4	397.0	396.7	396.3	396.0	395.7	395.4
120°	431.0	431.0	430.9	430.7	430.5	430.3	429.8	428.9	428.0	427.1	426.2
122.5°	463.0	463.2	462.7	462.2	461.8	461.3	460.9	460.6	460.3	459.9	459.6
125°	510.2	510.5	510.3	510.2	510.0	509.8	509.1	508.1	507.0	506.0	504.9
127.5°	556.6	556.7	556.5	556.3	556.1	555.9	555.5	554.8	554.3	553.7	553.0
130°	587.4	587.6	587.2	586.8	586.5	586.1	585.5	584.6	583.8	582.8	581.9
132.5°	617.0	617.1	617.2	617.3	617.3	617.4	616.7	615.2	613.8	612.3	610.9
135°	662.2	662.2	662.0	661.9	661.7	661.5	660.9	659.8	658.7	657.7	656.6
137.5°	706.2	706.1	705.7	705.3	704.9	704.5	703.8	702.7	701.7	700.7	699.7
140°	734.0	733.6	733.1	732.6	732.1	731.5	730.8	729.9	729.0	728.1	727.2
142.5°	761.4	761.3	760.6	759.9	759.2	758.6	757.9	757.1	756.4	755.6	754.9
145°	801.1	801.1	800.6	800.0	799.5	798.9	798.3	797.6	796.9	796.1	795.4
147.5°	837.2	836.7	836.3	835.8	835.4	835.0	834.6	834.2	833.9	833.5	833.1
150°	860.5	860.5	859.8	859.0	858.3	857.6	857.4	857.5	857.7	857.9	858.1
152.5°	881.5	881.1	880.7	880.4	880.2	879.9	879.6	879.4	879.1	878.8	878.6
155°	911.8	911.1	910.9	910.7	910.5	910.3	910.2	910.2	910.2	910.2	910.2
157.5°	938.3	937.5	937.4	937.2	937.0	936.8	936.9	937.3	937.7	938.1	938.5
160°	954.3	953.6	953.4	953.2	953.1	952.9	953.1	953.6	954.1	954.7	955.2
162.5°	969.2	968.4	968.4	968.3	968.3	968.2	968.4	968.8	969.2	969.6	969.9
165°	989.6	988.9	988.7	988.6	988.4	988.2	988.2	988.6	989.0	989.4	989.8
167.5°	1004.2	1003.2	1003.2	1003.2	1003.2	1003.2	1003.5	1004.2	1005.0	1005.7	1006.4
170°	1013.3	1012.2	1012.2	1012.2	1012.2	1012.2	1012.6	1013.3	1014.0	1014.7	1015.4
172.5°	1019.7	1018.6	1018.6	1018.6	1018.6	1018.6	1019.0	1019.7	1020.4	1021.1	1021.8
175°	1026.9	1025.8	1025.8	1025.8	1025.8	1025.8	1026.2	1026.9	1027.6	1028.3	1029.0
177.5°	1030.4	1029.5	1029.7	1029.8	1029.9	1030.1	1030.5	1031.0	1031.6	1032.1	1032.8
180°	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4



TEST NUMBER: P333689-927

CATALOG NUMBER: S125RDIW-S850D1050U927-4F0-1E-UDD-A1

**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°	10.6	10.0	8.6	9.2	9.5	9.4	9.7	9.6	9.5	9.7	9.8
90°	2.2	3.6	5.1	6.5	7.8	9.1	10.4	11.6	12.8	13.7	14.7
92.5°	20.4	21.4	22.4	23.4	24.7	26.2	27.7	29.3	30.8	32.0	33.2
95°	52.5	52.9	53.2	53.6	54.7	56.5	58.2	60.0	61.8	63.1	64.3
97.5°	86.8	87.0	87.1	87.3	88.6	91.0	93.5	95.9	98.4	99.6	100.8
100°	112.4	112.4	112.4	112.4	113.5	115.8	118.2	120.5	122.8	124.5	126.0
102.5°	140.7	141.4	142.1	142.8	143.8	145.0	146.2	147.3	148.5	150.3	152.0
105°	183.9	184.8	185.7	186.6	187.6	188.6	189.7	190.8	191.9	192.9	194.0
107.5°	231.4	232.3	233.2	234.1	235.0	235.8	236.6	237.4	238.2	238.8	239.3
110°	264.2	265.1	265.9	266.9	267.6	268.1	268.6	269.2	269.7	270.2	270.8





TEST NUMBER: P333689-927

CATALOG NUMBER: S125RDIW-S850D1050U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	297.1	297.6	298.1	298.5	299.1	299.8	300.5	301.1	301.8	302.1	302.3
115°	346.7	347.4	348.1	348.8	349.4	349.7	350.1	350.4	350.8	350.6	350.4
117.5°	395.7	396.0	396.3	396.7	397.0	397.4	397.7	398.0	398.3	398.5	398.5
120°	427.1	428.0	428.9	429.8	430.3	430.5	430.7	430.9	431.0	431.0	431.0
122.5°	459.9	460.3	460.6	460.9	461.3	461.8	462.2	462.7	463.2	463.0	462.9
125°	506.0	507.0	508.1	509.1	509.8	510.0	510.2	510.3	510.5	510.2	509.8
127.5°	553.7	554.3	554.8	555.5	555.9	556.1	556.3	556.5	556.7	556.6	556.3
130°	582.8	583.8	584.6	585.5	586.1	586.5	586.8	587.2	587.6	587.4	587.2
132.5°	612.3	613.8	615.2	616.7	617.4	617.3	617.3	617.2	617.1	617.0	616.7
135°	657.7	658.7	659.8	660.9	661.5	661.7	661.9	662.0	662.2	662.2	662.2
137.5°	700.7	701.7	702.7	703.8	704.5	704.9	705.3	705.7	706.1	706.2	706.5
140°	728.1	729.0	729.9	730.8	731.5	732.1	732.6	733.1	733.6	734.0	734.4
142.5°	755.6	756.4	757.1	757.9	758.6	759.2	759.9	760.6	761.3	761.4	761.7
145°	796.1	796.9	797.6	798.3	798.9	799.5	800.0	800.6	801.1	801.1	801.1
147.5°	833.5	833.9	834.2	834.6	835.0	835.4	835.8	836.3	836.7	837.2	837.6
150°	857.9	857.7	857.5	857.4	857.6	858.3	859.0	859.8	860.5	860.5	860.5
152.5°	878.8	879.1	879.4	879.6	879.9	880.2	880.4	880.7	881.1	881.5	881.9
155°	910.2	910.2	910.2	910.2	910.3	910.5	910.7	910.9	911.1	911.8	912.5
157.5°	938.1	937.7	937.3	936.9	936.8	937.0	937.2	937.4	937.5	938.3	939.0
160°	954.7	954.1	953.6	953.1	952.9	953.1	953.2	953.4	953.6	954.3	955.1
162.5°	969.6	969.2	968.8	968.4	968.2	968.3	968.3	968.4	968.4	969.2	970.1
165°	989.4	989.0	988.6	988.2	988.2	988.4	988.6	988.7	988.9	989.6	990.3
167.5°	1005.7	1005.0	1004.2	1003.5	1003.2	1003.2	1003.2	1003.2	1003.2	1004.2	1005.4
170°	1014.7	1014.0	1013.3	1012.6	1012.2	1012.2	1012.2	1012.2	1012.2	1013.3	1014.3
172.5°	1021.1	1020.4	1019.7	1019.0	1018.6	1018.6	1018.6	1018.6	1018.6	1019.7	1020.7
175°	1028.3	1027.6	1026.9	1026.2	1025.8	1025.8	1025.8	1025.8	1025.8	1026.9	1027.9
177.5°	1032.1	1031.6	1031.0	1030.5	1030.1	1029.9	1029.8	1029.7	1029.5	1030.4	1031.3
180°	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4



TEST NUMBER: P333689-927

CATALOG NUMBER: S125RDIW-S850D1050U927-4F0-1E-UDD-A1

**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°	10.4	10.9	10.3	10.1	10.2	10.7	11.1
90°	15.5	16.4	17.1	17.7	18.2	18.7	19.3
92.5°	34.4	35.6	36.3	36.7	37.1	37.5	37.9
95°	65.5	66.8	67.6	68.0	68.3	68.7	69.0
97.5°	102.0	103.1	103.8	104.0	104.3	104.5	104.6
100°	127.6	129.2	130.2	130.6	130.9	131.3	131.7
102.5°	153.8	155.5	156.6	157.1	157.6	158.1	158.6
105°	195.0	196.1	196.9	197.5	198.0	198.5	199.1
107.5°	239.9	240.3	240.7	240.6	240.6	240.5	240.5
110°	271.3	271.9	272.0	271.9	271.6	271.5	271.3



TEST NUMBER: P333689-927

CATALOG NUMBER: S125RDIW-S850D1050U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	302.5	302.8	302.8	302.5	302.1	301.8	301.5
115°	350.2	350.1	349.9	349.7	349.5	349.4	349.2
117.5°	398.7	398.9	398.5	397.8	397.1	396.4	395.7
120°	431.0	431.0	430.7	430.0	429.3	428.6	427.9
122.5°	462.7	462.6	462.2	461.7	461.1	460.5	459.9
125°	509.5	509.1	508.8	508.7	508.4	508.3	508.1
127.5°	556.2	556.0	555.8	555.4	555.1	554.7	554.4
130°	587.0	586.8	586.6	586.2	585.9	585.5	585.2
132.5°	616.6	616.4	616.1	615.5	615.1	614.6	614.0
135°	662.2	662.2	661.9	661.2	660.4	659.7	659.0
137.5°	706.7	706.9	706.5	705.7	704.8	703.9	703.0
140°	734.7	735.1	734.8	734.0	733.0	732.1	731.3
142.5°	761.9	762.2	761.8	760.9	760.0	759.1	758.2
145°	801.1	801.1	800.8	800.3	799.7	799.2	798.7
147.5°	838.0	838.4	838.0	836.9	835.6	834.4	833.2
150°	860.5	860.5	860.3	859.9	859.6	859.2	858.9
152.5°	882.3	882.7	882.6	882.0	881.4	880.7	880.0
155°	913.2	913.9	913.8	912.9	912.0	911.2	910.2
157.5°	939.7	940.4	940.2	939.0	937.8	936.6	935.5
160°	955.8	956.5	956.3	955.5	954.6	953.7	952.8
162.5°	970.9	971.8	971.7	970.7	969.6	968.6	967.6
165°	991.0	991.7	991.6	990.5	989.4	988.4	987.3
167.5°	1006.4	1007.5	1007.5	1006.4	1005.3	1004.2	1003.1
170°	1015.4	1016.4	1016.4	1015.1	1013.9	1012.6	1011.4
172.5°	1021.8	1022.9	1022.9	1021.8	1020.6	1019.5	1018.4
175°	1029.0	1030.2	1030.0	1028.8	1027.5	1026.3	1025.0
177.5°	1032.1	1032.9	1032.8	1031.9	1030.9	1029.9	1028.9
180°	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4	1031.4

(END OF REPORT)