

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: P333673-935

Luminaire Tested: **S125RDIW-S610D1340U935-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333673-935  
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-S610D1340U935-4F0-1E-UDD-A1  
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 610 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1340 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6072.1 lumens  
Efficiency: N/A  
Efficacy: 112.9 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

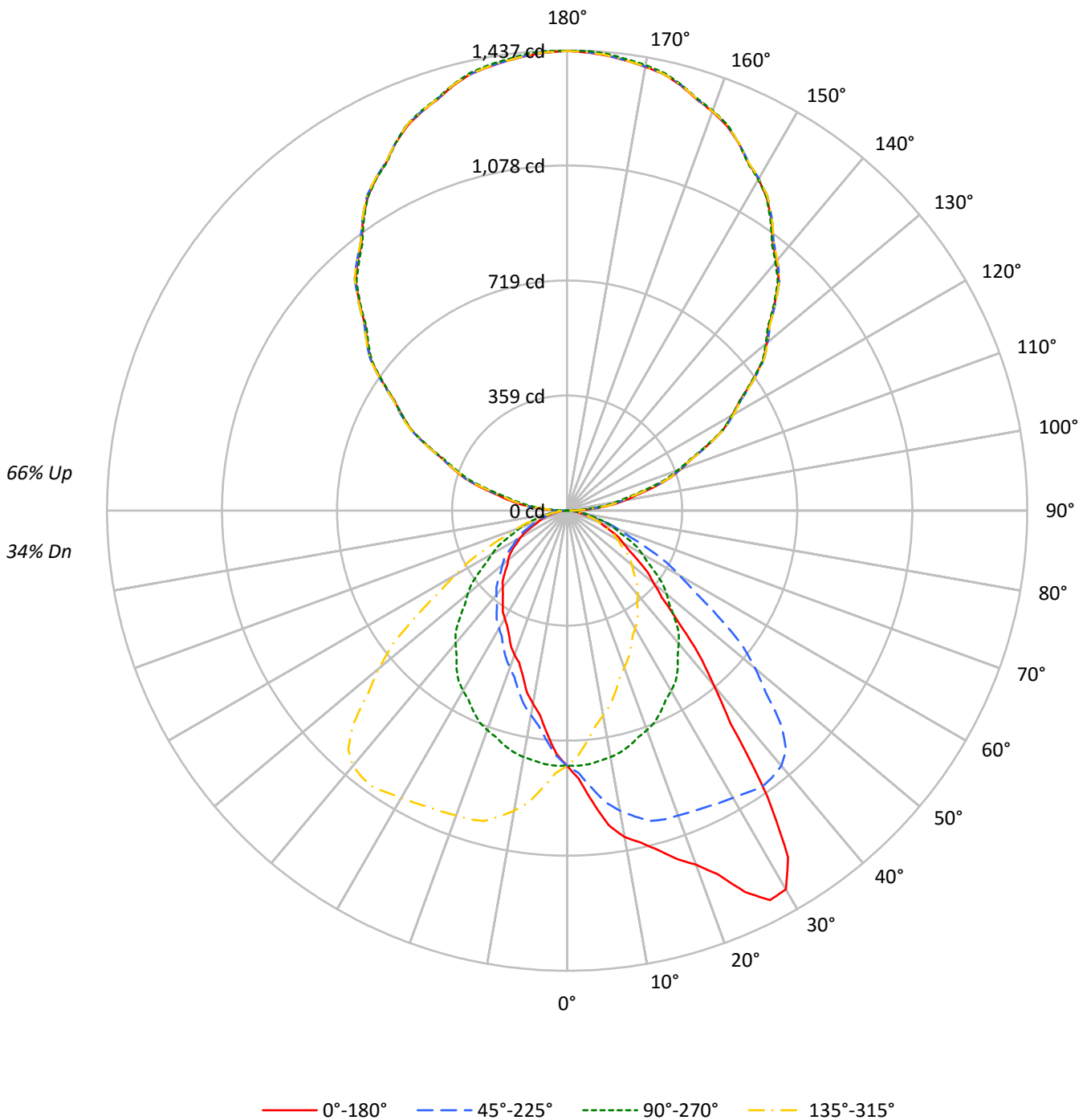
Input Watts (W): 53.8  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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**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	0
RCR																		
0	103	103	103	103	93	93	93	93	74	74	74	57	57	57	41	41	41	34
1	95	90	87	83	85	82	79	76	66	64	62	51	49	48	37	36	36	29
2	86	79	73	68	78	72	67	63	58	54	51	45	43	41	33	32	30	25
3	79	70	63	57	71	63	57	53	51	47	43	40	37	35	29	28	26	21
4	72	62	54	49	65	56	50	45	45	41	37	36	32	30	26	24	23	19
5	66	55	47	42	60	50	43	38	41	36	32	32	29	26	24	22	20	16
6	61	49	42	36	55	45	38	33	37	32	28	29	25	23	22	19	17	14
7	56	44	37	31	51	41	34	29	33	28	25	26	23	20	20	17	16	13
8	52	40	33	28	47	37	30	26	30	25	22	24	20	18	18	16	14	11
9	48	37	29	25	44	34	27	23	28	23	19	22	18	16	17	14	13	10
10	45	34	27	22	41	31	25	20	25	21	17	20	17	14	15	13	11	9

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

	0°	90°	180°	270°
0°	5146	5146	5146	5146
5°	5920	5153	4550	5153
10°	6791	5126	4015	5126
15°	7335	5073	3569	5073
20°	8088	5013	3296	5013
25°	9360	4932	3058	4932
30°	10185	4847	2902	4847
35°	8592	4747	2759	4747
40°	6000	4569	2636	4569
45°	4451	4328	2515	4328
50°	3550	4078	2411	4078
55°	3012	3768	2320	3768
60°	2603	3490	2173	3490
65°	2320	3189	1869	3189
70°	2039	2921	1703	2921
75°	1764	2530	1599	2530
80°	1339	2131	1339	2131
85°	1119	1675	1260	1675



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	76.4	1.3
10°-20°	223.9	3.7
20°-30°	355.0	5.8
30°-40°	428.1	7.1
40°-50°	382.3	6.3
50°-60°	293.2	4.8
60°-70°	190.5	3.1
70°-80°	92.6	1.5
80°-90°	25.2	0.4
90°-100°	96.1	1.6
100°-110°	283.9	4.7
110°-120°	480.8	7.9
120°-130°	632.7	10.4
130°-140°	709.0	11.7
140°-150°	694.9	11.4
150°-160°	583.6	9.6
160°-170°	388.0	6.4
170°-180°	135.8	2.2
0°-30°	655.3	10.8
0°-40°	1083.4	17.8
0°-60°	1758.9	29.0
0°-90°	2067.3	34.0
90°-120°	860.8	14.2
90°-150°	2897.4	47.7
90°-180°	4005.0	66.0
0°-180°	6072.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	797	797	797	797	797	
5°	913	795	702	795	913	91
15°	1097	759	534	759	1097	314
25°	1314	692	429	692	1314	603
35°	1090	602	350	602	1090	658
45°	487	474	275	474	487	389
55°	268	335	206	335	268	243
65°	152	209	122	209	152	151
75°	71	101	64	101	71	75
85°	15	23	17	23	15	18
90°	27	1	27	1	27	16
95°	96	73	96	73	96	98
105°	277	255	277	255	277	293
115°	486	481	486	481	486	481
125°	707	702	707	702	707	631
135°	917	914	917	914	917	707
145°	1111	1107	1111	1107	1111	694
155°	1266	1266	1266	1266	1266	583
165°	1374	1377	1374	1377	1374	387
175°	1426	1432	1426	1432	1426	136
180°	1435	1435	1435	1435	1435	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	838.1	837.6	838.6	835.7	836.0	831.6	831.6	828.1	823.7	820.3	818.7
5°	913.2	913.9	912.5	907.6	904.3	899.4	893.9	884.1	875.9	868.1	861.9
7.5°	990.5	990.9	986.6	985.2	976.9	970.9	958.6	945.2	933.3	918.3	906.8
10°	1035.5	1035.2	1030.6	1027.0	1019.8	1010.6	998.5	982.8	968.1	951.7	936.1
12.5°	1061.7	1060.8	1059.4	1055.0	1048.4	1040.2	1029.9	1014.5	996.3	978.4	960.2
15°	1097.0	1094.7	1090.5	1084.9	1075.4	1065.9	1054.5	1040.8	1023.4	1003.2	986.1
17.5°	1140.7	1140.7	1134.2	1126.5	1113.6	1096.8	1079.2	1057.0	1033.5	1011.2	993.1
20°	1176.8	1175.8	1169.2	1154.3	1139.5	1118.6	1098.3	1071.2	1042.4	1013.2	990.7
22.5°	1228.6	1226.1	1219.3	1199.5	1176.6	1149.7	1118.7	1085.5	1050.8	1017.7	988.1
25°	1313.5	1311.6	1298.1	1275.2	1243.2	1201.6	1161.1	1115.6	1065.6	1022.1	986.1
27.5°	1371.6	1369.4	1359.5	1340.5	1310.9	1267.2	1212.3	1151.6	1089.1	1029.2	977.3
30°	1365.8	1370.7	1369.4	1360.6	1338.3	1299.1	1248.4	1180.1	1105.8	1035.5	973.7
32.5°	1283.7	1288.1	1299.6	1316.9	1318.2	1302.5	1264.6	1201.5	1124.6	1044.7	970.8
35°	1089.8	1095.7	1117.9	1152.9	1198.7	1237.0	1244.8	1210.8	1141.8	1055.8	966.5
37.5°	837.8	870.0	888.7	925.6	994.7	1065.1	1132.8	1157.8	1128.4	1051.2	959.5
40°	711.7	719.5	752.9	794.4	852.6	925.9	1022.4	1092.1	1094.3	1040.8	948.5
42.5°	609.2	619.1	642.0	675.1	725.0	798.2	897.9	989.8	1032.3	1011.9	934.1
45°	487.3	494.8	511.5	537.0	575.3	635.8	721.5	827.9	912.2	945.2	895.5
47.5°	400.4	404.4	418.9	438.3	466.7	510.7	577.0	669.3	770.6	841.5	834.6
50°	353.3	357.8	368.9	383.7	407.5	444.8	497.8	574.6	679.0	765.7	783.0
52.5°	316.6	320.4	327.4	341.3	360.9	389.6	432.4	502.0	595.8	687.9	728.1
55°	267.5	270.2	275.7	283.5	299.3	319.9	356.8	404.9	480.8	573.7	632.6
57.5°	227.1	228.4	232.0	239.2	250.0	265.1	291.8	332.6	387.0	470.6	535.6
60°	201.5	202.8	207.3	212.2	220.8	234.5	255.5	283.9	336.2	405.3	471.0
62.5°	181.1	181.8	183.8	188.7	196.1	206.8	223.3	246.5	288.1	348.7	410.8
65°	151.8	152.1	152.7	156.7	161.3	169.1	179.9	196.2	227.6	273.5	328.4
67.5°	123.6	124.1	126.4	127.8	132.5	136.6	143.0	155.5	177.6	208.4	251.2
70°	108.0	107.6	109.9	111.5	113.1	118.0	122.3	132.4	146.2	169.8	205.4
72.5°	93.2	92.5	93.4	94.0	96.2	99.5	103.8	109.9	120.5	136.8	164.0
75°	70.7	70.9	70.9	71.6	73.3	74.6	75.9	79.1	85.1	95.8	110.6
77.5°	49.6	49.1	50.5	50.6	51.6	53.0	54.2	55.4	57.9	62.3	69.9
80°	36.0	36.0	36.3	37.3	36.9	37.6	39.3	40.6	43.5	46.1	48.7
82.5°	27.6	27.4	27.6	27.9	27.8	28.4	29.0	29.3	30.4	31.7	33.6
85°	15.1	15.1	15.4	15.4	15.7	15.7	16.0	16.0	16.0	16.4	16.7
87.5°	11.1	10.7	10.3	10.2	10.2	10.6	10.1	9.6	9.3	9.0	9.0
90°	26.8	26.1	25.3	24.5	23.8	22.8	21.6	20.3	19.1	17.9	16.1
92.5°	52.7	52.2	51.7	51.1	50.5	49.4	47.8	46.1	44.5	42.9	40.7
95°	96.1	95.6	95.1	94.5	94.0	93.0	91.2	89.5	87.7	86.0	83.5
97.5°	145.7	145.3	145.1	144.7	144.5	143.4	141.8	140.2	138.5	136.9	133.5
100°	183.1	182.7	182.2	181.7	181.2	179.8	177.5	175.4	173.1	170.9	167.6
102.5°	220.7	220.0	219.3	218.6	217.9	216.4	213.9	211.5	209.1	206.6	205.0
105°	277.0	276.2	275.5	274.7	274.0	272.9	271.4	269.9	268.5	266.9	265.4
107.5°	334.6	334.7	334.7	334.8	334.8	334.5	333.7	332.9	332.3	331.5	330.4
110°	377.5	377.7	378.0	378.2	378.5	378.2	377.5	376.8	376.0	375.2	374.5



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	419.5	419.9	420.4	420.9	421.3	421.3	420.9	420.6	420.3	419.9	419.0
115°	485.9	486.1	486.3	486.6	486.8	487.1	487.3	487.6	487.8	488.1	487.6
117.5°	550.6	551.6	552.6	553.6	554.6	555.0	554.7	554.6	554.4	554.2	553.7
120°	595.3	596.2	597.3	598.2	599.3	599.8	599.8	599.8	599.8	599.8	599.5
122.5°	640.0	640.8	641.5	642.3	643.2	643.6	643.9	644.0	644.2	644.5	643.8
125°	707.0	707.2	707.5	707.7	708.0	708.3	708.9	709.3	709.8	710.3	710.1
127.5°	771.3	771.8	772.3	772.8	773.3	773.7	773.9	774.1	774.4	774.6	774.4
130°	814.2	814.7	815.2	815.7	816.1	816.6	816.8	817.0	817.3	817.5	817.0
132.5°	854.4	855.1	855.7	856.5	857.2	857.6	857.9	858.2	858.4	858.7	858.8
135°	917.0	917.9	918.9	919.9	920.9	921.4	921.4	921.4	921.4	921.4	921.2
137.5°	978.2	979.4	980.6	981.9	983.1	983.6	983.3	983.0	982.7	982.4	981.9
140°	1017.4	1018.7	1019.9	1021.1	1022.4	1022.8	1022.3	1021.8	1021.3	1020.8	1020.0
142.5°	1055.0	1056.2	1057.5	1058.7	1060.0	1060.4	1060.1	1059.8	1059.5	1059.2	1058.3
145°	1111.3	1112.0	1112.8	1113.5	1114.2	1114.7	1114.7	1114.7	1114.7	1114.7	1113.9
147.5°	1159.3	1161.0	1162.7	1164.3	1166.1	1166.6	1166.0	1165.4	1164.8	1164.2	1163.6
150°	1195.1	1195.5	1196.0	1196.5	1197.0	1197.3	1197.3	1197.3	1197.3	1197.3	1196.3
152.5°	1224.5	1225.4	1226.3	1227.2	1228.1	1228.2	1227.6	1227.0	1226.5	1225.9	1225.5
155°	1266.5	1267.7	1269.0	1270.2	1271.4	1271.6	1270.6	1269.6	1268.6	1267.7	1267.4
157.5°	1301.6	1303.2	1304.8	1306.5	1308.1	1308.5	1307.4	1306.5	1305.4	1304.5	1304.2
160°	1325.7	1327.0	1328.2	1329.5	1330.7	1330.8	1329.8	1328.8	1327.8	1326.8	1326.5
162.5°	1346.3	1347.7	1349.1	1350.6	1352.0	1352.1	1350.9	1349.8	1348.6	1347.4	1347.3
165°	1373.7	1375.2	1376.7	1378.2	1379.7	1379.9	1379.0	1377.9	1377.0	1376.0	1375.7
167.5°	1395.6	1397.1	1398.7	1400.2	1401.8	1401.8	1400.3	1398.9	1397.3	1395.9	1395.9
170°	1407.2	1408.9	1410.7	1412.5	1414.2	1414.3	1412.8	1411.4	1409.9	1408.3	1408.3
172.5°	1417.0	1418.6	1420.1	1421.7	1423.2	1423.2	1421.8	1420.3	1418.8	1417.3	1417.3
175°	1426.2	1428.0	1429.7	1431.4	1433.1	1433.3	1431.8	1430.3	1428.8	1427.4	1427.4
177.5°	1431.6	1433.0	1434.3	1435.7	1437.2	1437.3	1436.1	1434.9	1433.7	1432.4	1432.7
180°	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	818.7	816.9	813.5	810.4	806.4	803.1	800.6	797.8	794.1	789.7	786.0
5°	855.0	847.7	838.3	830.1	819.7	811.5	803.0	794.8	786.6	776.1	767.0
7.5°	895.1	880.3	865.8	847.7	831.1	816.4	802.3	788.0	774.0	759.1	744.8
10°	919.7	901.7	881.8	858.8	837.9	818.0	799.7	781.7	762.8	746.1	728.1
12.5°	942.7	919.5	896.7	867.8	842.7	818.3	795.0	772.6	752.3	730.6	711.3
15°	963.5	940.6	915.2	879.9	844.8	815.4	787.9	758.8	733.7	709.4	687.9
17.5°	971.6	947.6	917.9	884.0	845.8	808.7	773.4	741.4	711.8	683.5	659.3
20°	968.5	945.2	914.8	882.4	841.5	803.0	764.7	729.4	696.3	666.6	640.8
22.5°	960.9	936.9	907.5	873.3	834.5	793.5	752.7	715.0	680.4	649.5	621.4
25°	949.5	916.8	886.7	853.3	816.4	775.8	733.7	692.1	655.1	623.7	593.0
27.5°	937.6	896.8	858.6	825.4	786.4	750.2	709.5	666.9	628.0	596.1	564.6
30°	927.0	881.1	839.0	801.3	764.4	730.0	691.4	649.9	610.0	577.0	544.9
32.5°	913.6	864.9	818.6	775.2	739.5	705.4	670.5	630.8	591.9	557.8	525.3
35°	896.8	834.7	784.3	738.2	698.6	665.6	634.2	602.1	563.2	527.9	496.2
37.5°	874.9	804.3	746.1	695.8	654.1	620.9	596.2	566.8	531.3	497.5	468.0
40°	861.5	782.4	718.6	668.8	625.0	590.0	566.8	541.9	509.5	477.9	448.4
42.5°	843.7	762.2	690.9	639.0	595.0	561.3	537.8	516.1	488.9	459.0	427.5
45°	808.8	723.2	648.2	592.6	548.2	515.1	493.2	473.9	453.3	425.9	398.4
47.5°	763.4	682.4	604.0	543.3	499.7	469.1	447.8	432.6	417.8	394.5	367.8
50°	727.1	648.9	572.4	513.5	467.1	437.9	418.0	405.9	392.4	371.3	349.0
52.5°	684.2	614.4	539.4	479.2	435.4	408.1	388.9	376.9	365.8	348.4	327.3
55°	616.6	555.3	486.6	432.0	391.8	364.4	346.0	334.6	328.0	313.3	296.6
57.5°	538.5	494.6	434.1	381.4	345.9	318.7	305.3	295.6	288.2	277.8	266.0
60°	484.1	453.3	399.0	349.0	316.2	290.4	278.4	270.2	263.3	254.4	245.3
62.5°	428.9	406.5	359.3	316.2	286.2	264.5	253.2	245.8	237.9	232.0	223.1
65°	354.9	334.9	302.2	268.5	240.7	223.4	215.2	208.7	203.8	197.3	191.0
67.5°	276.0	267.9	245.4	222.1	202.2	186.8	179.7	175.1	169.2	165.3	161.0
70°	227.6	223.7	207.7	192.3	173.7	163.2	156.7	154.7	147.5	143.6	140.6
72.5°	184.8	182.9	173.7	163.0	149.9	140.7	134.7	132.4	127.9	124.8	122.9
75°	126.6	127.3	125.6	118.7	113.8	108.0	102.7	101.4	98.2	95.5	93.8
77.5°	80.1	83.4	83.5	83.2	81.3	77.7	75.5	74.5	71.3	70.3	69.9
80°	54.9	58.5	61.8	61.5	60.9	59.8	58.2	57.3	55.6	54.6	54.0
82.5°	36.6	40.0	42.7	44.5	44.3	43.4	42.3	41.8	41.5	40.7	40.6
85°	17.3	18.0	18.9	21.3	22.9	23.2	22.9	22.6	21.6	22.0	22.2
87.5°	8.9	8.5	8.4	8.1	7.4	8.4	8.7	8.6	8.4	8.4	8.2
90°	14.4	12.7	10.9	9.0	7.1	5.1	3.1	1.1	3.1	5.1	7.1
92.5°	38.7	36.5	34.4	32.5	31.2	29.8	28.4	27.0	28.4	29.8	31.2
95°	81.0	78.5	76.1	74.6	74.0	73.6	73.1	72.6	73.1	73.6	74.0
97.5°	130.1	126.7	123.2	121.4	121.2	121.1	120.8	120.6	120.8	121.1	121.2
100°	164.5	161.2	158.0	156.4	156.4	156.4	156.4	156.4	156.4	156.4	156.4
102.5°	203.4	201.7	200.1	198.7	197.8	196.7	195.8	194.8	195.8	196.7	197.8
105°	264.0	262.4	261.0	259.6	258.4	257.1	255.9	254.7	255.9	257.1	258.4
107.5°	329.2	328.0	326.9	325.7	324.5	323.2	322.0	320.7	322.0	323.2	324.5
110°	373.8	373.1	372.3	371.3	370.1	368.9	367.6	366.4	367.6	368.9	370.1





TEST NUMBER: P333673-935

CATALOG NUMBER: S125RDIW-S610D1340U935-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	418.0	417.1	416.2	415.3	414.7	414.1	413.5	412.8	413.5	414.1	414.7
115°	487.1	486.6	486.1	485.3	484.3	483.4	482.3	481.4	482.3	483.4	484.3
117.5°	553.3	552.8	552.4	552.0	551.5	551.0	550.6	550.2	550.6	551.0	551.5
120°	599.3	599.0	598.7	598.1	596.8	595.6	594.3	593.1	594.3	595.6	596.8
122.5°	643.2	642.5	641.9	641.3	640.8	640.4	640.0	639.6	640.0	640.4	640.8
125°	709.8	709.6	709.3	708.4	707.0	705.5	704.0	702.5	704.0	705.5	707.0
127.5°	774.0	773.8	773.4	772.9	772.1	771.2	770.3	769.5	770.3	771.2	772.1
130°	816.6	816.1	815.5	814.7	813.5	812.2	811.0	809.7	811.0	812.2	813.5
132.5°	858.8	858.9	859.0	858.1	856.0	854.0	852.0	849.9	852.0	854.0	856.0
135°	920.9	920.7	920.4	919.5	918.1	916.5	915.1	913.6	915.1	916.5	918.1
137.5°	981.3	980.8	980.2	979.2	977.8	976.4	974.9	973.4	974.9	976.4	977.8
140°	1019.3	1018.6	1017.8	1016.8	1015.6	1014.3	1013.1	1011.8	1013.1	1014.3	1015.6
142.5°	1057.3	1056.4	1055.4	1054.5	1053.4	1052.4	1051.4	1050.3	1051.4	1052.4	1053.4
145°	1113.1	1112.4	1111.6	1110.8	1109.7	1108.8	1107.8	1106.8	1107.8	1108.8	1109.7
147.5°	1163.0	1162.4	1161.8	1161.2	1160.7	1160.2	1159.6	1159.1	1159.6	1160.2	1160.7
150°	1195.3	1194.3	1193.3	1192.9	1193.2	1193.4	1193.7	1193.9	1193.7	1193.4	1193.2
152.5°	1225.0	1224.7	1224.3	1223.9	1223.6	1223.2	1222.9	1222.5	1222.9	1223.2	1223.6
155°	1267.1	1266.9	1266.6	1266.5	1266.5	1266.5	1266.5	1266.5	1266.5	1266.5	1266.5
157.5°	1304.0	1303.7	1303.5	1303.6	1304.2	1304.8	1305.3	1305.8	1305.3	1304.8	1304.2
160°	1326.4	1326.1	1325.9	1326.1	1326.8	1327.6	1328.4	1329.0	1328.4	1327.6	1326.8
162.5°	1347.3	1347.2	1347.2	1347.5	1348.0	1348.5	1349.1	1349.6	1349.1	1348.5	1348.0
165°	1375.4	1375.2	1375.0	1375.1	1375.6	1376.1	1376.6	1377.1	1376.6	1376.1	1375.6
167.5°	1395.9	1395.9	1395.9	1396.4	1397.3	1398.4	1399.3	1400.3	1399.3	1398.4	1397.3
170°	1408.3	1408.3	1408.3	1408.9	1409.9	1410.8	1411.9	1412.8	1411.9	1410.8	1409.9
172.5°	1417.3	1417.3	1417.3	1417.8	1418.8	1419.8	1420.7	1421.8	1420.7	1419.8	1418.8
175°	1427.4	1427.4	1427.4	1427.9	1428.8	1429.9	1430.8	1431.8	1430.8	1429.9	1428.8
177.5°	1432.9	1433.0	1433.3	1433.7	1434.6	1435.4	1436.1	1436.9	1436.1	1435.4	1434.6
180°	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2



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**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	783.4	779.7	777.1	771.9	768.2	766.6	763.8	763.0	765.9	763.8	763.5
5°	760.1	750.6	743.1	735.6	727.4	722.2	714.3	713.0	711.0	708.1	707.5
7.5°	732.2	719.8	710.2	697.7	686.9	678.2	668.4	663.7	661.2	657.4	652.3
10°	713.3	698.6	685.5	673.1	659.7	648.9	639.1	631.5	626.6	622.1	620.1
12.5°	694.7	679.8	663.1	648.0	633.0	620.9	610.0	605.1	599.7	594.3	589.8
15°	665.9	645.9	627.7	610.3	597.5	584.4	574.0	566.8	558.6	556.4	547.5
17.5°	635.3	615.7	594.3	576.0	561.3	546.8	535.4	527.2	521.0	512.6	508.5
20°	616.2	593.0	572.0	555.3	539.0	522.0	510.2	503.3	497.5	490.6	487.3
22.5°	595.8	573.1	551.6	532.1	515.5	498.7	490.3	483.2	476.6	470.2	465.9
25°	565.8	542.9	520.4	500.1	482.8	470.6	460.8	452.6	449.1	442.8	438.2
27.5°	536.2	511.9	488.4	468.2	454.6	442.6	434.6	428.2	421.6	416.2	412.2
30°	517.1	492.2	466.7	450.7	436.3	424.9	416.0	409.8	404.9	400.0	397.1
32.5°	498.0	472.3	449.7	432.4	418.8	408.9	399.8	393.8	388.7	383.2	379.8
35°	467.4	441.2	422.9	405.9	392.4	383.3	377.1	368.6	364.4	360.4	356.8
37.5°	438.9	414.6	394.8	379.9	368.2	359.1	351.1	346.5	341.3	337.8	334.8
40°	418.0	395.7	377.8	362.1	353.5	343.5	335.9	330.0	326.1	321.5	318.2
42.5°	399.2	378.5	361.0	346.9	336.3	327.7	320.5	314.6	309.6	306.3	303.6
45°	372.6	351.9	334.9	321.8	312.0	303.8	296.4	293.3	286.8	282.9	281.6
47.5°	345.0	326.6	310.1	298.1	288.0	280.3	273.2	267.3	263.6	259.8	257.7
50°	326.4	308.8	293.3	281.6	271.8	263.3	256.8	252.8	247.9	244.4	241.7
52.5°	307.8	291.4	276.1	264.8	256.3	247.9	240.6	236.6	232.0	229.6	227.8
55°	281.3	264.0	250.9	239.7	230.9	223.1	216.2	212.2	209.3	207.1	206.4
57.5°	251.2	237.5	225.3	215.2	206.1	198.7	192.7	189.0	186.4	186.1	184.1
60°	231.5	219.1	208.0	197.3	189.3	182.5	177.3	173.1	170.4	170.0	169.4
62.5°	212.0	200.0	189.7	180.2	173.1	166.5	161.6	156.8	155.2	153.6	152.1
65°	182.8	172.0	163.5	156.0	148.5	142.9	138.0	135.1	131.5	129.5	126.0
67.5°	154.2	145.9	137.7	131.4	125.4	120.2	116.1	111.8	109.3	107.7	105.1
70°	135.4	128.9	120.7	113.8	109.3	105.0	101.7	96.8	95.1	93.8	92.6
72.5°	117.6	111.8	105.0	99.4	94.9	90.8	87.0	84.8	83.2	81.8	81.0
75°	92.6	87.0	81.1	77.1	74.0	70.7	68.7	67.1	66.4	66.0	64.7
77.5°	67.9	65.0	60.3	57.2	55.0	53.7	51.9	51.1	51.1	49.6	49.2
80°	52.0	50.4	46.4	45.1	43.5	42.2	41.2	39.6	38.0	37.3	36.3
82.5°	38.7	37.0	35.5	33.3	32.0	31.2	30.2	29.6	29.8	28.9	28.4
85°	20.6	18.9	18.3	18.0	17.3	18.0	17.7	17.3	17.0	16.7	17.0
87.5°	8.4	8.7	8.8	9.6	9.2	9.8	10.1	10.1	10.3	10.6	10.5
90°	9.0	10.9	12.7	14.4	16.1	17.9	19.1	20.3	21.6	22.8	23.8
92.5°	32.5	34.4	36.5	38.7	40.7	42.9	44.5	46.1	47.8	49.4	50.5
95°	74.6	76.1	78.5	81.0	83.5	86.0	87.7	89.5	91.2	93.0	94.0
97.5°	121.4	123.2	126.7	130.1	133.5	136.9	138.5	140.2	141.8	143.4	144.5
100°	156.4	158.0	161.2	164.5	167.6	170.9	173.1	175.4	177.5	179.8	181.2
102.5°	198.7	200.1	201.7	203.4	205.0	206.6	209.1	211.5	213.9	216.4	217.9
105°	259.6	261.0	262.4	264.0	265.4	266.9	268.5	269.9	271.4	272.9	274.0
107.5°	325.7	326.9	328.0	329.2	330.4	331.5	332.3	332.9	333.7	334.5	334.8
110°	371.3	372.3	373.1	373.8	374.5	375.2	376.0	376.8	377.5	378.2	378.5



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**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	415.3	416.2	417.1	418.0	419.0	419.9	420.3	420.6	420.9	421.3	421.3
115°	485.3	486.1	486.6	487.1	487.6	488.1	487.8	487.6	487.3	487.1	486.8
117.5°	552.0	552.4	552.8	553.3	553.7	554.2	554.4	554.6	554.7	555.0	554.6
120°	598.1	598.7	599.0	599.3	599.5	599.8	599.8	599.8	599.8	599.8	599.3
122.5°	641.3	641.9	642.5	643.2	643.8	644.5	644.2	644.0	643.9	643.6	643.2
125°	708.4	709.3	709.6	709.8	710.1	710.3	709.8	709.3	708.9	708.3	708.0
127.5°	772.9	773.4	773.8	774.0	774.4	774.6	774.4	774.1	773.9	773.7	773.3
130°	814.7	815.5	816.1	816.6	817.0	817.5	817.3	817.0	816.8	816.6	816.1
132.5°	858.1	859.0	858.9	858.8	858.8	858.7	858.4	858.2	857.9	857.6	857.2
135°	919.5	920.4	920.7	920.9	921.2	921.4	921.4	921.4	921.4	921.4	920.9
137.5°	979.2	980.2	980.8	981.3	981.9	982.4	982.7	983.0	983.3	983.6	983.1
140°	1016.8	1017.8	1018.6	1019.3	1020.0	1020.8	1021.3	1021.8	1022.3	1022.8	1022.4
142.5°	1054.5	1055.4	1056.4	1057.3	1058.3	1059.2	1059.5	1059.8	1060.1	1060.4	1060.0
145°	1110.8	1111.6	1112.4	1113.1	1113.9	1114.7	1114.7	1114.7	1114.7	1114.7	1114.2
147.5°	1161.2	1161.8	1162.4	1163.0	1163.6	1164.2	1164.8	1165.4	1166.0	1166.6	1166.1
150°	1192.9	1193.3	1194.3	1195.3	1196.3	1197.3	1197.3	1197.3	1197.3	1197.3	1197.0
152.5°	1223.9	1224.3	1224.7	1225.0	1225.5	1225.9	1226.5	1227.0	1227.6	1228.2	1228.1
155°	1266.5	1266.6	1266.9	1267.1	1267.4	1267.7	1268.6	1269.6	1270.6	1271.6	1271.4
157.5°	1303.6	1303.5	1303.7	1304.0	1304.2	1304.5	1305.4	1306.5	1307.4	1308.5	1308.1
160°	1326.1	1325.9	1326.1	1326.4	1326.5	1326.8	1327.8	1328.8	1329.8	1330.8	1330.7
162.5°	1347.5	1347.2	1347.2	1347.3	1347.3	1347.4	1348.6	1349.8	1350.9	1352.1	1352.0
165°	1375.1	1375.0	1375.2	1375.4	1375.7	1376.0	1377.0	1377.9	1379.0	1379.9	1379.7
167.5°	1396.4	1395.9	1395.9	1395.9	1395.9	1395.9	1397.3	1398.9	1400.3	1401.8	1401.8
170°	1408.9	1408.3	1408.3	1408.3	1408.3	1408.3	1409.9	1411.4	1412.8	1414.3	1414.2
172.5°	1417.8	1417.3	1417.3	1417.3	1417.3	1417.3	1418.8	1420.3	1421.8	1423.2	1423.2
175°	1427.9	1427.4	1427.4	1427.4	1427.4	1427.4	1428.8	1430.3	1431.8	1433.3	1433.1
177.5°	1433.7	1433.3	1433.0	1432.9	1432.7	1432.4	1433.7	1434.9	1436.1	1437.3	1437.2
180°	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2



TEST NUMBER: P333673-935

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**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	763.3	760.3	759.6	760.6	759.6	760.3	763.3	763.5	763.8	765.9	763.0
5°	704.2	700.9	702.6	701.9	702.6	700.9	704.2	707.5	708.1	711.0	713.0
7.5°	652.2	648.2	643.9	645.2	643.9	648.2	652.2	652.3	657.4	661.2	663.7
10°	615.9	612.6	610.6	612.3	610.6	612.6	615.9	620.1	622.1	626.6	631.5
12.5°	585.2	583.3	581.6	580.9	581.6	583.3	585.2	589.8	594.3	599.7	605.1
15°	543.5	539.7	538.0	533.8	538.0	539.7	543.5	547.5	556.4	558.6	566.8
17.5°	505.1	503.9	499.6	497.8	499.6	503.9	505.1	508.5	512.6	521.0	527.2
20°	482.4	481.1	476.9	479.5	476.9	481.1	482.4	487.3	490.6	497.5	503.3
22.5°	463.6	460.7	459.3	458.6	459.3	460.7	463.6	465.9	470.2	476.6	483.2
25°	437.0	432.7	431.1	429.1	431.1	432.7	437.0	438.2	442.8	449.1	452.6
27.5°	410.4	408.1	406.0	405.4	406.0	408.1	410.4	412.2	416.2	421.6	428.2
30°	393.1	390.8	389.2	389.2	389.2	390.8	393.1	397.1	400.0	404.9	409.8
32.5°	377.7	375.9	374.3	374.0	374.3	375.9	377.7	379.8	383.2	388.7	393.8
35°	355.2	352.6	351.9	350.0	351.9	352.6	355.2	356.8	360.4	364.4	368.6
37.5°	331.8	329.7	329.6	329.4	329.6	329.7	331.8	334.8	337.8	341.3	346.5
40°	316.9	315.3	315.0	312.7	315.0	315.3	316.9	318.2	321.5	326.1	330.0
42.5°	301.0	300.1	299.0	298.0	299.0	300.1	301.0	303.6	306.3	309.6	314.6
45°	279.3	277.1	277.1	275.4	277.1	277.1	279.3	281.6	282.9	286.8	293.3
47.5°	256.9	255.2	255.4	253.7	255.4	255.2	256.9	257.7	259.8	263.6	267.3
50°	242.0	241.1	240.7	240.0	240.7	241.1	242.0	241.7	244.4	247.9	252.8
52.5°	227.1	226.7	227.9	226.4	227.9	226.7	227.1	227.8	229.6	232.0	236.6
55°	207.1	206.0	208.0	206.0	208.0	206.0	207.1	206.4	207.1	209.3	212.2
57.5°	183.9	183.0	184.8	183.8	184.8	183.0	183.9	184.1	186.1	186.4	189.0
60°	168.8	166.8	167.8	168.2	167.8	166.8	168.8	169.4	170.0	170.4	173.1
62.5°	150.7	149.6	150.2	148.8	150.2	149.6	150.7	152.1	153.6	155.2	156.8
65°	125.3	124.3	123.0	122.3	123.0	124.3	125.3	126.0	129.5	131.5	135.1
67.5°	105.2	102.9	102.8	103.3	102.8	102.9	105.2	105.1	107.7	109.3	111.8
70°	90.6	90.6	90.2	90.2	90.2	90.6	90.6	92.6	93.8	95.1	96.8
72.5°	80.4	80.2	79.6	79.3	79.6	80.2	80.4	81.0	81.8	83.2	84.8
75°	64.7	65.1	64.4	64.1	64.4	65.1	64.7	64.7	66.0	66.4	67.1
77.5°	47.8	46.4	47.2	46.4	47.2	46.4	47.8	49.2	49.6	51.1	51.1
80°	36.3	36.0	36.9	36.0	36.9	36.0	36.3	36.3	37.3	38.0	39.6
82.5°	28.8	28.4	28.8	28.2	28.8	28.4	28.8	28.4	28.9	29.8	29.6
85°	17.3	17.0	16.7	17.0	16.7	17.0	17.3	17.0	16.7	17.0	17.3
87.5°	10.9	10.8	10.9	11.1	10.9	10.8	10.9	10.5	10.6	10.3	10.1
90°	24.5	25.3	26.1	26.8	26.1	25.3	24.5	23.8	22.8	21.6	20.3
92.5°	51.1	51.7	52.2	52.7	52.2	51.7	51.1	50.5	49.4	47.8	46.1
95°	94.5	95.1	95.6	96.1	95.6	95.1	94.5	94.0	93.0	91.2	89.5
97.5°	144.7	145.1	145.3	145.7	145.3	145.1	144.7	144.5	143.4	141.8	140.2
100°	181.7	182.2	182.7	183.1	182.7	182.2	181.7	181.2	179.8	177.5	175.4
102.5°	218.6	219.3	220.0	220.7	220.0	219.3	218.6	217.9	216.4	213.9	211.5
105°	274.7	275.5	276.2	277.0	276.2	275.5	274.7	274.0	272.9	271.4	269.9
107.5°	334.8	334.7	334.7	334.6	334.7	334.7	334.8	334.8	334.5	333.7	332.9
110°	378.2	378.0	377.7	377.5	377.7	378.0	378.2	378.5	378.2	377.5	376.8



TEST NUMBER: P333673-935

CATALOG NUMBER: S125RDIW-S610D1340U935-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	420.9	420.4	419.9	419.5	419.9	420.4	420.9	421.3	421.3	420.9	420.6
115°	486.6	486.3	486.1	485.9	486.1	486.3	486.6	486.8	487.1	487.3	487.6
117.5°	553.6	552.6	551.6	550.6	551.6	552.6	553.6	554.6	555.0	554.7	554.6
120°	598.2	597.3	596.2	595.3	596.2	597.3	598.2	599.3	599.8	599.8	599.8
122.5°	642.3	641.5	640.8	640.0	640.8	641.5	642.3	643.2	643.6	643.9	644.0
125°	707.7	707.5	707.2	707.0	707.2	707.5	707.7	708.0	708.3	708.9	709.3
127.5°	772.8	772.3	771.8	771.3	771.8	772.3	772.8	773.3	773.7	773.9	774.1
130°	815.7	815.2	814.7	814.2	814.7	815.2	815.7	816.1	816.6	816.8	817.0
132.5°	856.5	855.7	855.1	854.4	855.1	855.7	856.5	857.2	857.6	857.9	858.2
135°	919.9	918.9	917.9	917.0	917.9	918.9	919.9	920.9	921.4	921.4	921.4
137.5°	981.9	980.6	979.4	978.2	979.4	980.6	981.9	983.1	983.6	983.3	983.0
140°	1021.1	1019.9	1018.7	1017.4	1018.7	1019.9	1021.1	1022.4	1022.8	1022.3	1021.8
142.5°	1058.7	1057.5	1056.2	1055.0	1056.2	1057.5	1058.7	1060.0	1060.4	1060.1	1059.8
145°	1113.5	1112.8	1112.0	1111.3	1112.0	1112.8	1113.5	1114.2	1114.7	1114.7	1114.7
147.5°	1164.3	1162.7	1161.0	1159.3	1161.0	1162.7	1164.3	1166.1	1166.6	1166.0	1165.4
150°	1196.5	1196.0	1195.5	1195.1	1195.5	1196.0	1196.5	1197.0	1197.3	1197.3	1197.3
152.5°	1227.2	1226.3	1225.4	1224.5	1225.4	1226.3	1227.2	1228.1	1228.2	1227.6	1227.0
155°	1270.2	1269.0	1267.7	1266.5	1267.7	1269.0	1270.2	1271.4	1271.6	1270.6	1269.6
157.5°	1306.5	1304.8	1303.2	1301.6	1303.2	1304.8	1306.5	1308.1	1308.5	1307.4	1306.5
160°	1329.5	1328.2	1327.0	1325.7	1327.0	1328.2	1329.5	1330.7	1330.8	1329.8	1328.8
162.5°	1350.6	1349.1	1347.7	1346.3	1347.7	1349.1	1350.6	1352.0	1352.1	1350.9	1349.8
165°	1378.2	1376.7	1375.2	1373.7	1375.2	1376.7	1378.2	1379.7	1379.9	1379.0	1377.9
167.5°	1400.2	1398.7	1397.1	1395.6	1397.1	1398.7	1400.2	1401.8	1401.8	1400.3	1398.9
170°	1412.5	1410.7	1408.9	1407.2	1408.9	1410.7	1412.5	1414.2	1414.3	1412.8	1411.4
172.5°	1421.7	1420.1	1418.6	1417.0	1418.6	1420.1	1421.7	1423.2	1423.2	1421.8	1420.3
175°	1431.4	1429.7	1428.0	1426.2	1428.0	1429.7	1431.4	1433.1	1433.3	1431.8	1430.3
177.5°	1435.7	1434.3	1433.0	1431.6	1433.0	1434.3	1435.7	1437.2	1437.3	1436.1	1434.9
180°	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2



TEST NUMBER: P333673-935

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**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	763.8	766.6	768.2	771.9	777.1	779.7	783.4	786.0	789.7	794.1	797.8
5°	714.3	722.2	727.4	735.6	743.1	750.6	760.1	767.0	776.1	786.6	794.8
7.5°	668.4	678.2	686.9	697.7	710.2	719.8	732.2	744.8	759.1	774.0	788.0
10°	639.1	648.9	659.7	673.1	685.5	698.6	713.3	728.1	746.1	762.8	781.7
12.5°	610.0	620.9	633.0	648.0	663.1	679.8	694.7	711.3	730.6	752.3	772.6
15°	574.0	584.4	597.5	610.3	627.7	645.9	665.9	687.9	709.4	733.7	758.8
17.5°	535.4	546.8	561.3	576.0	594.3	615.7	635.3	659.3	683.5	711.8	741.4
20°	510.2	522.0	539.0	555.3	572.0	593.0	616.2	640.8	666.6	696.3	729.4
22.5°	490.3	498.7	515.5	532.1	551.6	573.1	595.8	621.4	649.5	680.4	715.0
25°	460.8	470.6	482.8	500.1	520.4	542.9	565.8	593.0	623.7	655.1	692.1
27.5°	434.6	442.6	454.6	468.2	488.4	511.9	536.2	564.6	596.1	628.0	666.9
30°	416.0	424.9	436.3	450.7	466.7	492.2	517.1	544.9	577.0	610.0	649.9
32.5°	399.8	408.9	418.8	432.4	449.7	472.3	498.0	525.3	557.8	591.9	630.8
35°	377.1	383.3	392.4	405.9	422.9	441.2	467.4	496.2	527.9	563.2	602.1
37.5°	351.1	359.1	368.2	379.9	394.8	414.6	438.9	468.0	497.5	531.3	566.8
40°	335.9	343.5	353.5	362.1	377.8	395.7	418.0	448.4	477.9	509.5	541.9
42.5°	320.5	327.7	336.3	346.9	361.0	378.5	399.2	427.5	459.0	488.9	516.1
45°	296.4	303.8	312.0	321.8	334.9	351.9	372.6	398.4	425.9	453.3	473.9
47.5°	273.2	280.3	288.0	298.1	310.1	326.6	345.0	367.8	394.5	417.8	432.6
50°	256.8	263.3	271.8	281.6	293.3	308.8	326.4	349.0	371.3	392.4	405.9
52.5°	240.6	247.9	256.3	264.8	276.1	291.4	307.8	327.3	348.4	365.8	376.9
55°	216.2	223.1	230.9	239.7	250.9	264.0	281.3	296.6	313.3	328.0	334.6
57.5°	192.7	198.7	206.1	215.2	225.3	237.5	251.2	266.0	277.8	288.2	295.6
60°	177.3	182.5	189.3	197.3	208.0	219.1	231.5	245.3	254.4	263.3	270.2
62.5°	161.6	166.5	173.1	180.2	189.7	200.0	212.0	223.1	232.0	237.9	245.8
65°	138.0	142.9	148.5	156.0	163.5	172.0	182.8	191.0	197.3	203.8	208.7
67.5°	116.1	120.2	125.4	131.4	137.7	145.9	154.2	161.0	165.3	169.2	175.1
70°	101.7	105.0	109.3	113.8	120.7	128.9	135.4	140.6	143.6	147.5	154.7
72.5°	87.0	90.8	94.9	99.4	105.0	111.8	117.6	122.9	124.8	127.9	132.4
75°	68.7	70.7	74.0	77.1	81.1	87.0	92.6	93.8	95.5	98.2	101.4
77.5°	51.9	53.7	55.0	57.2	60.3	65.0	67.9	69.9	70.3	71.3	74.5
80°	41.2	42.2	43.5	45.1	46.4	50.4	52.0	54.0	54.6	55.6	57.3
82.5°	30.2	31.2	32.0	33.3	35.5	37.0	38.7	40.6	40.7	41.5	41.8
85°	17.7	18.0	17.3	18.0	18.3	18.9	20.6	22.2	22.0	21.6	22.6
87.5°	10.1	9.8	9.2	9.6	8.8	8.7	8.4	8.2	8.4	8.4	8.6
90°	19.1	17.9	16.1	14.4	12.7	10.9	9.0	7.1	5.1	3.1	1.1
92.5°	44.5	42.9	40.7	38.7	36.5	34.4	32.5	31.2	29.8	28.4	27.0
95°	87.7	86.0	83.5	81.0	78.5	76.1	74.6	74.0	73.6	73.1	72.6
97.5°	138.5	136.9	133.5	130.1	126.7	123.2	121.4	121.2	121.1	120.8	120.6
100°	173.1	170.9	167.6	164.5	161.2	158.0	156.4	156.4	156.4	156.4	156.4
102.5°	209.1	206.6	205.0	203.4	201.7	200.1	198.7	197.8	196.7	195.8	194.8
105°	268.5	266.9	265.4	264.0	262.4	261.0	259.6	258.4	257.1	255.9	254.7
107.5°	332.3	331.5	330.4	329.2	328.0	326.9	325.7	324.5	323.2	322.0	320.7
110°	376.0	375.2	374.5	373.8	373.1	372.3	371.3	370.1	368.9	367.6	366.4



TEST NUMBER: P333673-935

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**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	420.3	419.9	419.0	418.0	417.1	416.2	415.3	414.7	414.1	413.5	412.8
115°	487.8	488.1	487.6	487.1	486.6	486.1	485.3	484.3	483.4	482.3	481.4
117.5°	554.4	554.2	553.7	553.3	552.8	552.4	552.0	551.5	551.0	550.6	550.2
120°	599.8	599.8	599.5	599.3	599.0	598.7	598.1	596.8	595.6	594.3	593.1
122.5°	644.2	644.5	643.8	643.2	642.5	641.9	641.3	640.8	640.4	640.0	639.6
125°	709.8	710.3	710.1	709.8	709.6	709.3	708.4	707.0	705.5	704.0	702.5
127.5°	774.4	774.6	774.4	774.0	773.8	773.4	772.9	772.1	771.2	770.3	769.5
130°	817.3	817.5	817.0	816.6	816.1	815.5	814.7	813.5	812.2	811.0	809.7
132.5°	858.4	858.7	858.8	858.8	858.9	859.0	858.1	856.0	854.0	852.0	849.9
135°	921.4	921.4	921.2	920.9	920.7	920.4	919.5	918.1	916.5	915.1	913.6
137.5°	982.7	982.4	981.9	981.3	980.8	980.2	979.2	977.8	976.4	974.9	973.4
140°	1021.3	1020.8	1020.0	1019.3	1018.6	1017.8	1016.8	1015.6	1014.3	1013.1	1011.8
142.5°	1059.5	1059.2	1058.3	1057.3	1056.4	1055.4	1054.5	1053.4	1052.4	1051.4	1050.3
145°	1114.7	1114.7	1113.9	1113.1	1112.4	1111.6	1110.8	1109.7	1108.8	1107.8	1106.8
147.5°	1164.8	1164.2	1163.6	1163.0	1162.4	1161.8	1161.2	1160.7	1160.2	1159.6	1159.1
150°	1197.3	1197.3	1196.3	1195.3	1194.3	1193.3	1192.9	1193.2	1193.4	1193.7	1193.9
152.5°	1226.5	1225.9	1225.5	1225.0	1224.7	1224.3	1223.9	1223.6	1223.2	1222.9	1222.5
155°	1268.6	1267.7	1267.4	1267.1	1266.9	1266.6	1266.5	1266.5	1266.5	1266.5	1266.5
157.5°	1305.4	1304.5	1304.2	1304.0	1303.7	1303.5	1303.6	1304.2	1304.8	1305.3	1305.8
160°	1327.8	1326.8	1326.5	1326.4	1326.1	1325.9	1326.1	1326.8	1327.6	1328.4	1329.0
162.5°	1348.6	1347.4	1347.3	1347.3	1347.2	1347.2	1347.5	1348.0	1348.5	1349.1	1349.6
165°	1377.0	1376.0	1375.7	1375.4	1375.2	1375.0	1375.1	1375.6	1376.1	1376.6	1377.1
167.5°	1397.3	1395.9	1395.9	1395.9	1395.9	1395.9	1396.4	1397.3	1398.4	1399.3	1400.3
170°	1409.9	1408.3	1408.3	1408.3	1408.3	1408.3	1408.9	1409.9	1410.8	1411.9	1412.8
172.5°	1418.8	1417.3	1417.3	1417.3	1417.3	1417.3	1417.8	1418.8	1419.8	1420.7	1421.8
175°	1428.8	1427.4	1427.4	1427.4	1427.4	1427.4	1427.9	1428.8	1429.9	1430.8	1431.8
177.5°	1433.7	1432.4	1432.7	1432.9	1433.0	1433.3	1433.7	1434.6	1435.4	1436.1	1436.9
180°	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2



TEST NUMBER: P333673-935

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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	800.6	803.1	806.4	810.4	813.5	816.9	818.7	818.7	820.3	823.7	828.1
5°	803.0	811.5	819.7	830.1	838.3	847.7	855.0	861.9	868.1	875.9	884.1
7.5°	802.3	816.4	831.1	847.7	865.8	880.3	895.1	906.8	918.3	933.3	945.2
10°	799.7	818.0	837.9	858.8	881.8	901.7	919.7	936.1	951.7	968.1	982.8
12.5°	795.0	818.3	842.7	867.8	896.7	919.5	942.7	960.2	978.4	996.3	1014.5
15°	787.9	815.4	844.8	879.9	915.2	940.6	963.5	986.1	1003.2	1023.4	1040.8
17.5°	773.4	808.7	845.8	884.0	917.9	947.6	971.6	993.1	1011.2	1033.5	1057.0
20°	764.7	803.0	841.5	882.4	914.8	945.2	968.5	990.7	1013.2	1042.4	1071.2
22.5°	752.7	793.5	834.5	873.3	907.5	936.9	960.9	988.1	1017.7	1050.8	1085.5
25°	733.7	775.8	816.4	853.3	886.7	916.8	949.5	986.1	1022.1	1065.6	1115.6
27.5°	709.5	750.2	786.4	825.4	858.6	896.8	937.6	977.3	1029.2	1089.1	1151.6
30°	691.4	730.0	764.4	801.3	839.0	881.1	927.0	973.7	1035.5	1105.8	1180.1
32.5°	670.5	705.4	739.5	775.2	818.6	864.9	913.6	970.8	1044.7	1124.6	1201.5
35°	634.2	665.6	698.6	738.2	784.3	834.7	896.8	966.5	1055.8	1141.8	1210.8
37.5°	596.2	620.9	654.1	695.8	746.1	804.3	874.9	959.5	1051.2	1128.4	1157.8
40°	566.8	590.0	625.0	668.8	718.6	782.4	861.5	948.5	1040.8	1094.3	1092.1
42.5°	537.8	561.3	595.0	639.0	690.9	762.2	843.7	934.1	1011.9	1032.3	989.8
45°	493.2	515.1	548.2	592.6	648.2	723.2	808.8	895.5	945.2	912.2	827.9
47.5°	447.8	469.1	499.7	543.3	604.0	682.4	763.4	834.6	841.5	770.6	669.3
50°	418.0	437.9	467.1	513.5	572.4	648.9	727.1	783.0	765.7	679.0	574.6
52.5°	388.9	408.1	435.4	479.2	539.4	614.4	684.2	728.1	687.9	595.8	502.0
55°	346.0	364.4	391.8	432.0	486.6	555.3	616.6	632.6	573.7	480.8	404.9
57.5°	305.3	318.7	345.9	381.4	434.1	494.6	538.5	535.6	470.6	387.0	332.6
60°	278.4	290.4	316.2	349.0	399.0	453.3	484.1	471.0	405.3	336.2	283.9
62.5°	253.2	264.5	286.2	316.2	359.3	406.5	428.9	410.8	348.7	288.1	246.5
65°	215.2	223.4	240.7	268.5	302.2	334.9	354.9	328.4	273.5	227.6	196.2
67.5°	179.7	186.8	202.2	222.1	245.4	267.9	276.0	251.2	208.4	177.6	155.5
70°	156.7	163.2	173.7	192.3	207.7	223.7	227.6	205.4	169.8	146.2	132.4
72.5°	134.7	140.7	149.9	163.0	173.7	182.9	184.8	164.0	136.8	120.5	109.9
75°	102.7	108.0	113.8	118.7	125.6	127.3	126.6	110.6	95.8	85.1	79.1
77.5°	75.5	77.7	81.3	83.2	83.5	83.4	80.1	69.9	62.3	57.9	55.4
80°	58.2	59.8	60.9	61.5	61.8	58.5	54.9	48.7	46.1	43.5	40.6
82.5°	42.3	43.4	44.3	44.5	42.7	40.0	36.6	33.6	31.7	30.4	29.3
85°	22.9	23.2	22.9	21.3	18.9	18.0	17.3	16.7	16.4	16.0	16.0
87.5°	8.7	8.4	7.4	8.1	8.4	8.5	8.9	9.0	9.0	9.3	9.6
90°	3.1	5.1	7.1	9.0	10.9	12.7	14.4	16.1	17.9	19.1	20.3
92.5°	28.4	29.8	31.2	32.5	34.4	36.5	38.7	40.7	42.9	44.5	46.1
95°	73.1	73.6	74.0	74.6	76.1	78.5	81.0	83.5	86.0	87.7	89.5
97.5°	120.8	121.1	121.2	121.4	123.2	126.7	130.1	133.5	136.9	138.5	140.2
100°	156.4	156.4	156.4	156.4	158.0	161.2	164.5	167.6	170.9	173.1	175.4
102.5°	195.8	196.7	197.8	198.7	200.1	201.7	203.4	205.0	206.6	209.1	211.5
105°	255.9	257.1	258.4	259.6	261.0	262.4	264.0	265.4	266.9	268.5	269.9
107.5°	322.0	323.2	324.5	325.7	326.9	328.0	329.2	330.4	331.5	332.3	332.9
110°	367.6	368.9	370.1	371.3	372.3	373.1	373.8	374.5	375.2	376.0	376.8





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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	413.5	414.1	414.7	415.3	416.2	417.1	418.0	419.0	419.9	420.3	420.6
115°	482.3	483.4	484.3	485.3	486.1	486.6	487.1	487.6	488.1	487.8	487.6
117.5°	550.6	551.0	551.5	552.0	552.4	552.8	553.3	553.7	554.2	554.4	554.6
120°	594.3	595.6	596.8	598.1	598.7	599.0	599.3	599.5	599.8	599.8	599.8
122.5°	640.0	640.4	640.8	641.3	641.9	642.5	643.2	643.8	644.5	644.2	644.0
125°	704.0	705.5	707.0	708.4	709.3	709.6	709.8	710.1	710.3	709.8	709.3
127.5°	770.3	771.2	772.1	772.9	773.4	773.8	774.0	774.4	774.6	774.4	774.1
130°	811.0	812.2	813.5	814.7	815.5	816.1	816.6	817.0	817.5	817.3	817.0
132.5°	852.0	854.0	856.0	858.1	859.0	858.9	858.8	858.8	858.7	858.4	858.2
135°	915.1	916.5	918.1	919.5	920.4	920.7	920.9	921.2	921.4	921.4	921.4
137.5°	974.9	976.4	977.8	979.2	980.2	980.8	981.3	981.9	982.4	982.7	983.0
140°	1013.1	1014.3	1015.6	1016.8	1017.8	1018.6	1019.3	1020.0	1020.8	1021.3	1021.8
142.5°	1051.4	1052.4	1053.4	1054.5	1055.4	1056.4	1057.3	1058.3	1059.2	1059.5	1059.8
145°	1107.8	1108.8	1109.7	1110.8	1111.6	1112.4	1113.1	1113.9	1114.7	1114.7	1114.7
147.5°	1159.6	1160.2	1160.7	1161.2	1161.8	1162.4	1163.0	1163.6	1164.2	1164.8	1165.4
150°	1193.7	1193.4	1193.2	1192.9	1193.3	1194.3	1195.3	1196.3	1197.3	1197.3	1197.3
152.5°	1222.9	1223.2	1223.6	1223.9	1224.3	1224.7	1225.0	1225.5	1225.9	1226.5	1227.0
155°	1266.5	1266.5	1266.5	1266.5	1266.6	1266.9	1267.1	1267.4	1267.7	1268.6	1269.6
157.5°	1305.3	1304.8	1304.2	1303.6	1303.5	1303.7	1304.0	1304.2	1304.5	1305.4	1306.5
160°	1328.4	1327.6	1326.8	1326.1	1325.9	1326.1	1326.4	1326.5	1326.8	1327.8	1328.8
162.5°	1349.1	1348.5	1348.0	1347.5	1347.2	1347.2	1347.3	1347.3	1347.4	1348.6	1349.8
165°	1376.6	1376.1	1375.6	1375.1	1375.0	1375.2	1375.4	1375.7	1376.0	1377.0	1377.9
167.5°	1399.3	1398.4	1397.3	1396.4	1395.9	1395.9	1395.9	1395.9	1395.9	1397.3	1398.9
170°	1411.9	1410.8	1409.9	1408.9	1408.3	1408.3	1408.3	1408.3	1408.3	1409.9	1411.4
172.5°	1420.7	1419.8	1418.8	1417.8	1417.3	1417.3	1417.3	1417.3	1417.3	1418.8	1420.3
175°	1430.8	1429.9	1428.8	1427.9	1427.4	1427.4	1427.4	1427.4	1427.4	1428.8	1430.3
177.5°	1436.1	1435.4	1434.6	1433.7	1433.3	1433.0	1432.9	1432.7	1432.4	1433.7	1434.9
180°	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	831.6	831.6	836.0	835.7	838.6	837.6	838.1
5°	893.9	899.4	904.3	907.6	912.5	913.9	913.2
7.5°	958.6	970.9	976.9	985.2	986.6	990.9	990.5
10°	998.5	1010.6	1019.8	1027.0	1030.6	1035.2	1035.5
12.5°	1029.9	1040.2	1048.4	1055.0	1059.4	1060.8	1061.7
15°	1054.5	1065.9	1075.4	1084.9	1090.5	1094.7	1097.0
17.5°	1079.2	1096.8	1113.6	1126.5	1134.2	1140.7	1140.7
20°	1098.3	1118.6	1139.5	1154.3	1169.2	1175.8	1176.8
22.5°	1118.7	1149.7	1176.6	1199.5	1219.3	1226.1	1228.6
25°	1161.1	1201.6	1243.2	1275.2	1298.1	1311.6	1313.5
27.5°	1212.3	1267.2	1310.9	1340.5	1359.5	1369.4	1371.6
30°	1248.4	1299.1	1338.3	1360.6	1369.4	1370.7	1365.8
32.5°	1264.6	1302.5	1318.2	1316.9	1299.6	1288.1	1283.7
35°	1244.8	1237.0	1198.7	1152.9	1117.9	1095.7	1089.8
37.5°	1132.8	1065.1	994.7	925.6	888.7	870.0	837.8
40°	1022.4	925.9	852.6	794.4	752.9	719.5	711.7
42.5°	897.9	798.2	725.0	675.1	642.0	619.1	609.2
45°	721.5	635.8	575.3	537.0	511.5	494.8	487.3
47.5°	577.0	510.7	466.7	438.3	418.9	404.4	400.4
50°	497.8	444.8	407.5	383.7	368.9	357.8	353.3
52.5°	432.4	389.6	360.9	341.3	327.4	320.4	316.6
55°	356.8	319.9	299.3	283.5	275.7	270.2	267.5
57.5°	291.8	265.1	250.0	239.2	232.0	228.4	227.1
60°	255.5	234.5	220.8	212.2	207.3	202.8	201.5
62.5°	223.3	206.8	196.1	188.7	183.8	181.8	181.1
65°	179.9	169.1	161.3	156.7	152.7	152.1	151.8
67.5°	143.0	136.6	132.5	127.8	126.4	124.1	123.6
70°	122.3	118.0	113.1	111.5	109.9	107.6	108.0
72.5°	103.8	99.5	96.2	94.0	93.4	92.5	93.2
75°	75.9	74.6	73.3	71.6	70.9	70.9	70.7
77.5°	54.2	53.0	51.6	50.6	50.5	49.1	49.6
80°	39.3	37.6	36.9	37.3	36.3	36.0	36.0
82.5°	29.0	28.4	27.8	27.9	27.6	27.4	27.6
85°	16.0	15.7	15.7	15.4	15.4	15.1	15.1
87.5°	10.1	10.6	10.2	10.2	10.3	10.7	11.1
90°	21.6	22.8	23.8	24.5	25.3	26.1	26.8
92.5°	47.8	49.4	50.5	51.1	51.7	52.2	52.7
95°	91.2	93.0	94.0	94.5	95.1	95.6	96.1
97.5°	141.8	143.4	144.5	144.7	145.1	145.3	145.7
100°	177.5	179.8	181.2	181.7	182.2	182.7	183.1
102.5°	213.9	216.4	217.9	218.6	219.3	220.0	220.7
105°	271.4	272.9	274.0	274.7	275.5	276.2	277.0
107.5°	333.7	334.5	334.8	334.8	334.7	334.7	334.6
110°	377.5	378.2	378.5	378.2	378.0	377.7	377.5



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	420.9	421.3	421.3	420.9	420.4	419.9	419.5
115°	487.3	487.1	486.8	486.6	486.3	486.1	485.9
117.5°	554.7	555.0	554.6	553.6	552.6	551.6	550.6
120°	599.8	599.8	599.3	598.2	597.3	596.2	595.3
122.5°	643.9	643.6	643.2	642.3	641.5	640.8	640.0
125°	708.9	708.3	708.0	707.7	707.5	707.2	707.0
127.5°	773.9	773.7	773.3	772.8	772.3	771.8	771.3
130°	816.8	816.6	816.1	815.7	815.2	814.7	814.2
132.5°	857.9	857.6	857.2	856.5	855.7	855.1	854.4
135°	921.4	921.4	920.9	919.9	918.9	917.9	917.0
137.5°	983.3	983.6	983.1	981.9	980.6	979.4	978.2
140°	1022.3	1022.8	1022.4	1021.1	1019.9	1018.7	1017.4
142.5°	1060.1	1060.4	1060.0	1058.7	1057.5	1056.2	1055.0
145°	1114.7	1114.7	1114.2	1113.5	1112.8	1112.0	1111.3
147.5°	1166.0	1166.6	1166.1	1164.3	1162.7	1161.0	1159.3
150°	1197.3	1197.3	1197.0	1196.5	1196.0	1195.5	1195.1
152.5°	1227.6	1228.2	1228.1	1227.2	1226.3	1225.4	1224.5
155°	1270.6	1271.6	1271.4	1270.2	1269.0	1267.7	1266.5
157.5°	1307.4	1308.5	1308.1	1306.5	1304.8	1303.2	1301.6
160°	1329.8	1330.8	1330.7	1329.5	1328.2	1327.0	1325.7
162.5°	1350.9	1352.1	1352.0	1350.6	1349.1	1347.7	1346.3
165°	1379.0	1379.9	1379.7	1378.2	1376.7	1375.2	1373.7
167.5°	1400.3	1401.8	1401.8	1400.2	1398.7	1397.1	1395.6
170°	1412.8	1414.3	1414.2	1412.5	1410.7	1408.9	1407.2
172.5°	1421.8	1423.2	1423.2	1421.7	1420.1	1418.6	1417.0
175°	1431.8	1433.3	1433.1	1431.4	1429.7	1428.0	1426.2
177.5°	1436.1	1437.3	1437.2	1435.7	1434.3	1433.0	1431.6
180°	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2

(END OF REPORT)