

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: P333568-935

Luminaire Tested: **S125RDIP-S850D1035U935-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333568-935
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: S125RDIP-S850D1035U935-4F0-1E-UDD-A
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 850 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1035 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6385.3 lumens
Efficiency: N/A
Efficacy: 122.8 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

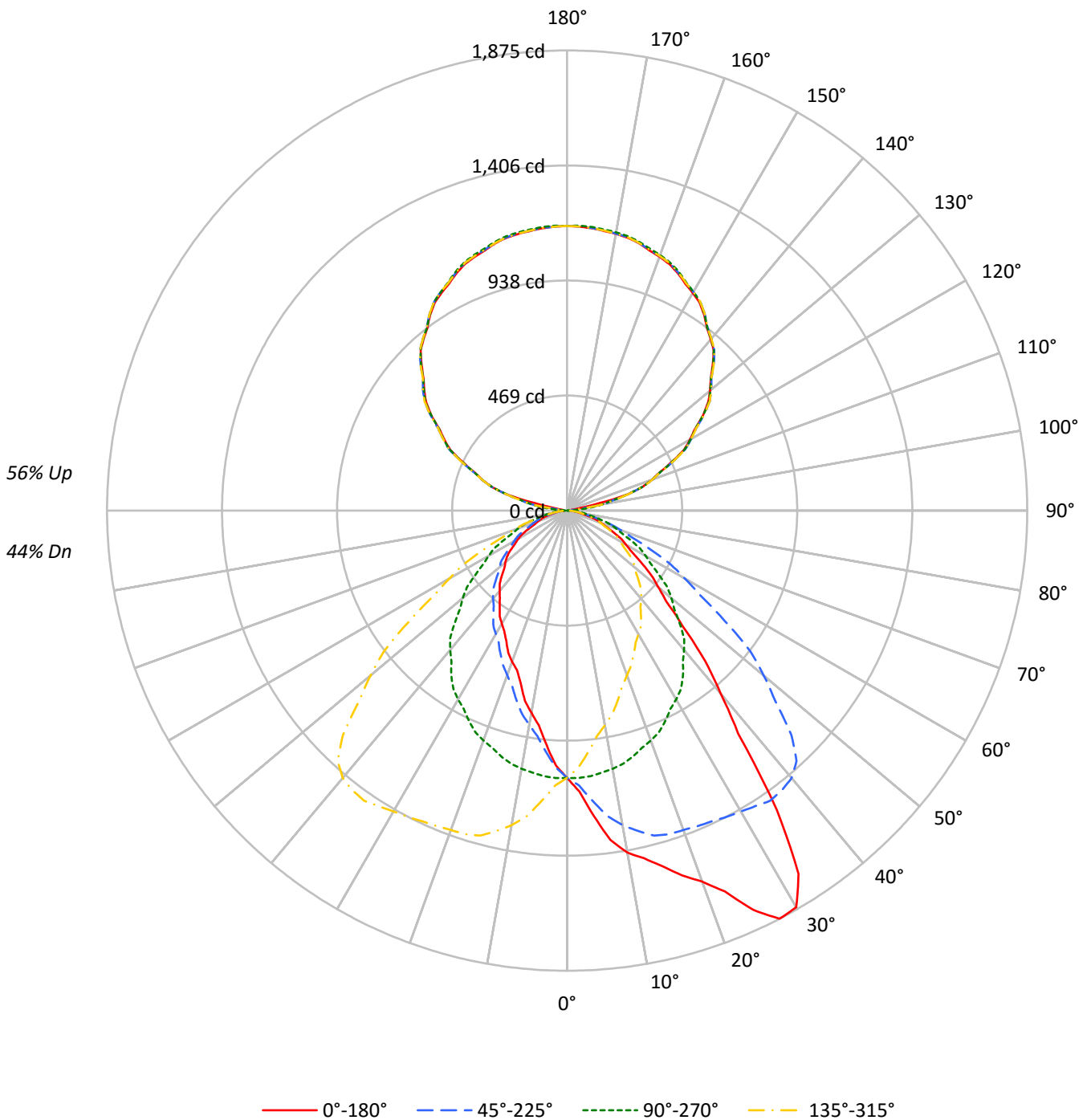
Input Watts (W): 52
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	106	106	106	106	97	97	97	97	80	80	80	65	65	65	51	51	51	44
1	97	93	89	86	89	85	82	79	71	69	67	58	56	55	46	45	44	38
2	88	81	75	71	81	75	70	65	62	59	56	51	48	46	40	39	37	32
3	81	72	65	59	74	66	60	55	55	51	47	45	42	39	36	34	32	28
4	74	64	56	50	68	59	52	47	49	44	40	41	37	34	32	30	28	24
5	68	57	49	43	62	52	46	40	44	39	35	36	33	30	29	27	24	21
6	63	51	43	37	57	47	40	35	40	34	31	33	29	26	27	24	22	19
7	58	46	38	33	53	43	36	31	36	31	27	30	26	23	24	21	19	17
8	54	42	34	29	49	39	32	27	33	28	24	27	23	21	22	19	17	15
9	50	38	31	26	46	35	29	24	30	25	21	25	21	18	21	18	16	13
10	47	35	28	23	43	32	26	22	28	23	19	23	19	17	19	16	14	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	7034	7034	7034	7034
5°	8092	7043	6220	7043
10°	9282	7007	5488	7007
15°	10026	6935	4878	6935
20°	11056	6852	4504	6852
25°	12794	6741	4180	6741
30°	13923	6624	3967	6624
35°	11744	6489	3772	6489
40°	8201	6246	3603	6246
45°	6085	5917	3438	5917
50°	4851	5574	3297	5574
55°	4118	5150	3171	5150
60°	3557	4770	2968	4770
65°	3169	4358	2555	4358
70°	2787	3994	2330	3994
75°	2410	3459	2186	3459
80°	1830	2912	1830	2912
85°	1526	2282	1719	2282



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.4	1.6
10°-20°	306.1	4.8
20°-30°	485.3	7.6
30°-40°	585.2	9.2
40°-50°	522.6	8.2
50°-60°	400.8	6.3
60°-70°	260.4	4.1
70°-80°	126.6	2.0
80°-90°	32.6	0.5
90°-100°	42.2	0.7
100°-110°	259.7	4.1
110°-120°	471.1	7.4
120°-130°	604.6	9.5
130°-140°	650.2	10.2
140°-150°	610.3	9.6
150°-160°	493.7	7.7
160°-170°	319.3	5.0
170°-180°	110.1	1.7
0°-30°	895.8	14.0
0°-40°	1481.0	23.2
0°-60°	2404.3	37.7
0°-90°	2824.0	44.2
90°-120°	772.9	12.1
90°-150°	2638.1	41.3
90°-180°	3561.0	55.8
0°-180°	6385.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1089	1089	1089	1089	1089	
5°	1248	1086	959	1086	1248	125
15°	1500	1037	730	1037	1500	430
25°	1795	946	587	946	1795	824
35°	1490	823	478	823	1490	900
45°	666	648	376	648	666	532
55°	366	457	282	457	366	332
65°	207	285	167	285	207	206
75°	97	139	88	139	97	103
85°	21	31	23	31	21	24
90°	21	1	21	1	21	10
95°	18	49	18	49	18	15
105°	255	253	255	253	255	231
115°	471	475	471	475	471	468
125°	675	675	675	675	675	600
135°	838	842	838	842	838	647
145°	973	976	973	976	973	608
155°	1067	1075	1067	1075	1067	492
165°	1128	1134	1128	1134	1128	318
175°	1154	1160	1154	1160	1154	110
180°	1160	1160	1160	1160	1160	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1
2.5°	1145.6	1144.9	1146.3	1142.4	1142.7	1136.6	1136.6	1132.0	1125.9	1121.3	1119.1
5°	1248.2	1249.1	1247.3	1240.6	1236.1	1229.4	1221.8	1208.4	1197.2	1186.5	1178.0
7.5°	1353.9	1354.5	1348.7	1346.6	1335.3	1327.1	1310.2	1291.9	1275.7	1255.2	1239.5
10°	1415.4	1415.0	1408.8	1403.8	1394.0	1381.5	1364.9	1343.4	1323.4	1301.0	1279.5
12.5°	1451.2	1450.0	1448.0	1442.1	1433.0	1421.9	1407.8	1386.7	1361.9	1337.5	1312.4
15°	1499.5	1496.3	1490.6	1482.9	1470.0	1457.0	1441.4	1422.6	1398.9	1371.1	1347.9
17.5°	1559.2	1559.3	1550.4	1539.8	1522.2	1499.3	1475.2	1444.8	1412.6	1382.2	1357.4
20°	1608.6	1607.2	1598.3	1577.7	1557.6	1529.0	1501.2	1464.1	1424.8	1385.0	1354.2
22.5°	1679.4	1675.9	1666.6	1639.6	1608.4	1571.6	1529.1	1483.8	1436.2	1391.1	1350.7
25°	1795.4	1792.8	1774.4	1743.2	1699.4	1642.5	1587.1	1525.0	1456.6	1397.1	1347.9
27.5°	1874.8	1871.9	1858.3	1832.3	1791.9	1732.2	1657.1	1574.1	1488.7	1406.9	1335.9
30°	1867.0	1873.7	1871.9	1859.8	1829.5	1775.8	1706.5	1613.1	1511.6	1415.4	1330.9
32.5°	1754.6	1760.7	1776.4	1800.1	1801.9	1780.5	1728.6	1642.4	1537.3	1428.0	1327.0
35°	1489.6	1497.7	1528.1	1576.0	1638.5	1690.8	1701.6	1655.1	1560.7	1443.1	1321.1
37.5°	1145.2	1189.2	1214.8	1265.2	1359.7	1456.0	1548.5	1582.5	1542.4	1436.9	1311.6
40°	972.8	983.5	1029.2	1086.0	1165.5	1265.7	1397.6	1492.8	1495.9	1422.6	1296.5
42.5°	832.6	846.2	877.5	922.8	991.0	1091.1	1227.3	1353.0	1411.2	1383.3	1276.9
45°	666.2	676.4	699.2	734.1	786.4	869.1	986.3	1131.5	1246.9	1292.0	1224.1
47.5°	547.3	552.8	572.7	599.2	637.9	698.2	788.8	915.0	1053.3	1150.3	1140.7
50°	482.8	489.1	504.3	524.4	557.1	608.0	680.4	785.5	928.2	1046.6	1070.3
52.5°	432.7	438.0	447.5	466.5	493.4	532.5	591.0	686.0	814.4	940.4	995.1
55°	365.7	369.3	376.9	387.6	409.1	437.2	487.8	553.5	657.2	784.2	864.6
57.5°	310.5	312.2	317.1	327.0	341.8	362.4	398.9	454.6	529.0	643.3	732.1
60°	275.4	277.2	283.4	290.2	301.8	320.6	349.1	388.1	459.6	553.9	643.8
62.5°	247.5	248.6	251.2	258.0	268.1	282.7	305.1	336.9	393.8	476.6	561.5
65°	207.4	207.9	208.8	214.1	220.4	231.2	245.9	268.2	311.2	373.8	448.8
67.5°	169.0	169.6	172.7	174.6	181.2	186.8	195.4	212.6	242.8	285.0	343.4
70°	147.6	147.1	150.2	152.5	154.7	161.4	167.2	181.1	199.8	232.0	280.8
72.5°	127.5	126.3	127.7	128.5	131.5	136.0	141.8	150.3	164.8	186.9	224.3
75°	96.6	97.0	97.0	97.9	100.1	101.9	103.8	108.2	116.2	131.0	151.1
77.5°	67.8	67.1	69.0	69.2	70.5	72.5	74.0	75.9	79.1	85.2	95.6
80°	49.2	49.2	49.6	51.0	50.5	51.4	53.6	55.4	59.5	63.0	66.6
82.5°	37.7	37.4	37.8	38.1	38.0	38.9	39.7	40.0	41.6	43.4	45.9
85°	20.6	20.6	21.0	21.0	21.4	21.4	21.9	21.9	21.9	22.4	22.8
87.5°	12.0	11.5	11.0	10.9	11.2	11.7	11.2	10.7	10.4	10.2	10.3
90°	20.7	20.1	19.5	18.9	18.3	17.6	16.6	15.7	14.7	13.8	12.4
92.5°	19.3	19.0	18.7	18.4	18.2	17.6	16.6	15.7	14.7	13.8	12.6
95°	18.1	18.1	18.1	18.1	18.1	17.6	16.6	15.7	14.7	13.8	21.0
97.5°	18.1	18.1	18.1	18.1	18.1	20.8	26.2	31.5	36.9	42.3	56.7
100°	18.1	18.9	19.5	20.3	21.1	35.7	64.2	92.6	121.1	149.6	148.8
102.5°	108.1	121.1	134.1	147.1	160.1	169.3	174.7	180.0	185.5	190.9	190.4
105°	255.3	255.5	255.7	255.9	256.1	256.1	256.1	256.1	256.1	256.1	256.1
107.5°	321.8	322.4	323.0	323.6	324.2	324.4	324.4	324.3	324.3	324.3	323.9
110°	367.9	367.7	367.6	367.4	367.2	367.4	367.9	368.5	369.1	369.6	369.3



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	409.2	409.5	409.7	410.0	410.3	410.8	411.5	412.2	412.9	413.7	413.5
115°	471.1	472.3	473.4	474.6	475.7	476.6	477.4	478.2	479.0	479.7	479.5
117.5°	537.1	537.6	538.1	538.6	539.1	539.8	540.9	541.8	542.9	543.8	543.1
120°	577.7	578.7	579.6	580.6	581.5	582.2	582.6	583.0	583.3	583.8	583.2
122.5°	616.2	617.3	618.5	619.6	620.6	621.4	621.8	622.2	622.5	622.9	622.7
125°	674.9	675.5	676.0	676.6	677.2	677.8	678.6	679.3	680.1	680.9	680.9
127.5°	724.2	725.7	727.0	728.4	729.9	730.7	731.2	731.6	732.0	732.5	732.5
130°	759.9	761.0	761.9	762.8	763.8	764.6	765.1	765.7	766.3	766.8	766.6
132.5°	793.0	793.9	794.9	795.8	796.8	797.3	797.5	797.5	797.6	797.8	798.2
135°	838.2	839.3	840.5	841.6	842.7	843.5	844.0	844.3	844.6	845.1	845.4
137.5°	883.6	884.6	885.5	886.6	887.5	888.0	887.9	887.9	887.8	887.7	888.0
140°	910.4	911.5	912.7	913.9	915.0	915.3	915.0	914.6	914.2	913.9	914.0
142.5°	935.8	937.0	938.1	939.3	940.5	941.0	940.9	940.8	940.7	940.6	940.4
145°	973.2	974.3	975.4	976.6	977.8	978.2	978.0	977.8	977.7	977.5	977.5
147.5°	1003.9	1005.3	1006.7	1008.1	1009.4	1010.0	1009.8	1009.5	1009.4	1009.1	1008.8
150°	1023.9	1025.4	1026.9	1028.5	1030.0	1030.5	1030.2	1029.8	1029.4	1029.1	1028.6
152.5°	1042.4	1043.8	1045.2	1046.5	1047.9	1048.4	1048.1	1047.7	1047.3	1046.9	1046.5
155°	1066.9	1068.4	1069.9	1071.4	1073.0	1073.5	1072.9	1072.3	1071.8	1071.2	1070.7
157.5°	1087.4	1088.8	1090.4	1091.9	1093.5	1093.9	1093.3	1092.7	1092.1	1091.5	1091.4
160°	1100.4	1101.9	1103.5	1105.0	1106.5	1106.9	1106.1	1105.4	1104.6	1103.8	1103.6
162.5°	1112.1	1113.8	1115.4	1117.1	1118.8	1119.1	1118.0	1117.0	1115.9	1114.8	1114.7
165°	1127.9	1129.5	1130.9	1132.5	1134.0	1134.2	1133.1	1131.9	1130.8	1129.6	1129.5
167.5°	1138.9	1140.7	1142.4	1144.1	1145.8	1146.0	1144.6	1143.2	1141.9	1140.5	1140.2
170°	1145.1	1146.9	1148.6	1150.2	1151.9	1152.1	1150.6	1149.0	1147.5	1146.0	1145.7
172.5°	1149.3	1150.9	1152.6	1154.3	1156.1	1156.2	1154.9	1153.5	1152.1	1150.7	1150.4
175°	1154.5	1156.2	1158.0	1159.7	1161.4	1161.5	1160.0	1158.5	1156.9	1155.4	1155.2
177.5°	1157.6	1158.9	1160.1	1161.3	1162.5	1162.6	1161.6	1160.5	1159.4	1158.3	1158.2
180°	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1
2.5°	1119.1	1116.6	1112.0	1107.7	1102.3	1097.7	1094.4	1090.5	1085.5	1079.4	1074.4
5°	1168.6	1158.8	1145.8	1134.7	1120.3	1109.2	1097.6	1086.4	1075.2	1060.9	1048.4
7.5°	1223.6	1203.2	1183.5	1158.6	1136.1	1115.9	1096.7	1077.1	1058.0	1037.7	1018.0
10°	1257.1	1232.6	1205.3	1174.0	1145.4	1118.1	1093.1	1068.5	1042.6	1019.8	995.1
12.5°	1288.7	1256.9	1225.7	1186.2	1151.8	1118.5	1086.7	1056.0	1028.3	998.7	972.3
15°	1317.1	1285.8	1250.9	1202.6	1154.8	1114.6	1077.0	1037.2	1002.8	969.7	940.2
17.5°	1328.1	1295.3	1254.7	1208.3	1156.1	1105.4	1057.0	1013.4	972.9	934.4	901.2
20°	1323.8	1292.0	1250.4	1206.2	1150.3	1097.6	1045.3	997.0	951.8	911.1	875.8
22.5°	1313.4	1280.6	1240.4	1193.7	1140.7	1084.7	1028.8	977.3	930.0	887.9	849.4
25°	1297.9	1253.2	1212.0	1166.4	1115.9	1060.5	1002.8	946.0	895.5	852.6	810.5
27.5°	1281.7	1225.9	1173.5	1128.3	1074.9	1025.4	969.8	911.5	858.5	814.8	771.6
30°	1267.0	1204.5	1146.8	1095.4	1044.8	997.9	945.1	888.3	833.8	788.7	744.9
32.5°	1248.8	1182.2	1118.9	1059.5	1010.8	964.2	916.5	862.2	809.1	762.5	718.0
35°	1225.9	1140.9	1072.1	1009.0	954.9	909.8	866.9	823.0	769.8	721.6	678.2
37.5°	1195.8	1099.4	1019.8	951.1	894.1	848.7	814.9	774.8	726.3	680.0	639.7
40°	1177.6	1069.4	982.2	914.3	854.4	806.5	774.8	740.8	696.5	653.2	612.9
42.5°	1153.3	1041.9	944.3	873.5	813.2	767.2	735.0	705.4	668.3	627.4	584.4
45°	1105.6	988.5	886.1	810.1	749.3	704.1	674.2	647.8	619.7	582.1	544.5
47.5°	1043.5	932.8	825.6	742.7	683.1	641.2	612.2	591.3	571.2	539.2	502.7
50°	993.9	887.0	782.4	701.9	638.4	598.7	571.4	554.8	536.5	507.4	477.0
52.5°	935.2	839.8	737.3	655.0	595.1	557.8	531.7	515.1	500.0	476.3	447.4
55°	842.7	759.1	665.2	590.6	535.6	498.0	473.0	457.4	448.4	428.3	405.5
57.5°	736.1	676.1	593.3	521.3	472.8	435.7	417.3	404.0	393.9	379.6	363.6
60°	661.7	619.7	545.4	477.0	432.3	397.0	380.5	369.3	359.9	347.8	335.3
62.5°	586.2	555.6	491.0	432.3	391.2	361.6	346.1	336.0	325.2	317.1	304.9
65°	485.1	457.8	413.1	367.0	329.1	305.3	294.2	285.2	278.5	269.6	261.1
67.5°	377.3	366.3	335.4	303.7	276.4	255.3	245.6	239.4	231.4	225.9	220.2
70°	311.2	305.8	283.9	262.9	237.4	223.1	214.1	211.5	201.6	196.3	192.3
72.5°	252.5	250.0	237.4	222.8	204.8	192.3	184.1	181.1	174.8	170.5	167.9
75°	173.0	173.9	171.7	162.3	155.6	147.6	140.3	138.6	134.1	130.5	128.3
77.5°	109.4	114.0	114.2	113.7	111.1	106.2	103.1	101.9	97.5	96.1	95.6
80°	75.1	80.0	84.5	84.0	83.2	81.8	79.6	78.3	76.0	74.6	73.8
82.5°	50.1	54.7	58.4	60.8	60.6	59.3	57.8	57.2	56.7	55.7	55.5
85°	23.7	24.6	25.9	29.1	31.3	31.8	31.3	30.8	29.5	30.0	30.4
87.5°	10.4	10.2	10.2	10.0	9.3	10.8	11.5	11.6	11.2	10.8	10.4
90°	11.1	9.7	8.4	7.0	5.4	3.9	2.4	0.9	2.4	3.9	5.4
92.5°	11.4	10.2	9.0	9.0	10.0	11.1	12.1	13.3	12.1	11.1	10.0
95°	28.2	35.6	42.8	46.8	47.3	47.9	48.4	49.0	48.4	47.9	47.3
97.5°	71.0	85.4	99.8	106.4	105.4	104.4	103.3	102.3	103.3	104.4	105.4
100°	148.1	147.3	146.5	145.9	145.3	144.7	144.1	143.5	144.1	144.7	145.3
102.5°	189.9	189.5	189.0	188.4	187.7	187.0	186.2	185.5	186.2	187.0	187.7
105°	256.1	256.1	256.1	255.8	255.0	254.3	253.5	252.7	253.5	254.3	255.0
107.5°	323.5	323.1	322.7	322.5	322.5	322.5	322.5	322.5	322.5	322.5	322.5
110°	368.9	368.5	368.2	367.9	367.9	367.9	367.9	367.9	367.9	367.9	367.9



TEST NUMBER: P333568-935

CATALOG NUMBER: S125RDIP-S850D1035U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	413.2	413.0	412.8	412.4	412.0	411.5	411.0	410.6	411.0	411.5	412.0
115°	479.3	479.1	479.0	478.4	477.4	476.5	475.5	474.6	475.5	476.5	477.4
117.5°	542.3	541.7	541.0	540.6	540.6	540.6	540.7	540.7	540.7	540.6	540.6
120°	582.6	582.0	581.4	581.3	581.4	581.6	581.8	582.0	581.8	581.6	581.4
122.5°	622.4	622.2	621.8	621.4	620.6	619.9	619.1	618.5	619.1	619.9	620.6
125°	680.9	680.9	680.9	680.2	678.9	677.5	676.1	674.9	676.1	677.5	678.9
127.5°	732.7	732.8	732.9	732.5	731.5	730.6	729.6	728.7	729.6	730.6	731.5
130°	766.5	766.3	766.0	765.5	764.6	763.6	762.7	761.6	762.7	763.6	764.6
132.5°	798.7	799.0	799.4	799.1	798.0	796.9	795.8	794.7	795.8	796.9	798.0
135°	845.8	846.2	846.6	846.2	845.1	844.0	842.7	841.6	842.7	844.0	845.1
137.5°	888.4	888.7	889.1	888.7	887.8	886.7	885.8	884.8	885.8	886.7	887.8
140°	914.2	914.4	914.6	914.5	914.1	913.8	913.3	913.0	913.3	913.8	914.1
142.5°	940.1	939.9	939.6	939.4	939.1	938.9	938.7	938.4	938.7	938.9	939.1
145°	977.5	977.5	977.5	977.2	976.9	976.5	976.1	975.8	976.1	976.5	976.9
147.5°	1008.7	1008.4	1008.1	1008.1	1008.1	1008.2	1008.3	1008.4	1008.3	1008.2	1008.1
150°	1028.3	1027.9	1027.5	1027.5	1027.9	1028.3	1028.6	1029.1	1028.6	1028.3	1027.9
152.5°	1046.1	1045.8	1045.4	1045.6	1046.5	1047.3	1048.2	1049.0	1048.2	1047.3	1046.5
155°	1070.4	1070.1	1069.6	1070.1	1071.2	1072.3	1073.5	1074.6	1073.5	1072.3	1071.2
157.5°	1091.4	1091.3	1091.3	1091.7	1092.4	1093.0	1093.6	1094.3	1093.6	1093.0	1092.4
160°	1103.5	1103.3	1103.0	1103.5	1104.7	1105.9	1107.0	1108.1	1107.0	1105.9	1104.7
162.5°	1114.5	1114.2	1114.0	1114.6	1115.7	1116.8	1118.0	1119.1	1118.0	1116.8	1115.7
165°	1129.2	1129.0	1128.9	1129.4	1130.5	1131.6	1132.7	1133.9	1132.7	1131.6	1130.5
167.5°	1140.1	1139.9	1139.7	1140.2	1141.3	1142.5	1143.8	1145.0	1143.8	1142.5	1141.3
170°	1145.6	1145.4	1145.2	1145.7	1147.1	1148.4	1149.8	1151.1	1149.8	1148.4	1147.1
172.5°	1150.0	1149.7	1149.4	1149.9	1151.2	1152.5	1153.9	1155.2	1153.9	1152.5	1151.2
175°	1155.0	1154.9	1154.7	1155.1	1156.2	1157.4	1158.6	1159.7	1158.6	1157.4	1156.2
177.5°	1158.0	1157.9	1157.7	1158.1	1159.0	1159.9	1160.9	1161.7	1160.9	1159.9	1159.0
180°	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7



TEST NUMBER: P333568-935

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1
2.5°	1070.8	1065.8	1062.2	1055.1	1050.1	1047.9	1044.0	1042.9	1046.9	1044.0	1043.6
5°	1039.0	1026.1	1015.7	1005.5	994.3	987.1	976.4	974.7	971.9	967.9	967.0
7.5°	1000.8	984.0	970.7	953.7	938.9	927.0	913.6	907.3	903.8	898.6	891.7
10°	975.1	954.9	937.0	920.1	901.7	887.0	873.6	863.3	856.6	850.3	847.7
12.5°	949.7	929.2	906.3	885.7	865.3	848.7	833.9	827.2	819.8	812.4	806.2
15°	910.2	883.0	857.9	834.2	816.8	798.9	784.6	774.8	763.6	760.4	748.4
17.5°	868.4	841.6	812.4	787.4	767.2	747.5	731.8	720.6	712.2	700.7	695.1
20°	842.3	810.5	782.0	759.1	736.8	713.5	697.4	688.0	680.0	670.6	666.2
22.5°	814.4	783.3	754.1	727.3	704.6	681.7	670.3	660.5	651.3	642.7	636.8
25°	773.4	742.2	711.3	683.5	659.9	643.3	629.9	618.7	613.8	605.4	599.1
27.5°	733.0	699.6	667.6	640.1	621.5	605.1	594.1	585.2	576.4	568.9	563.5
30°	706.8	672.9	638.0	616.0	596.4	580.7	568.7	560.2	553.5	546.7	542.8
32.5°	680.7	645.7	614.8	591.0	572.4	559.0	546.5	538.4	531.3	523.9	519.2
35°	638.9	603.1	578.1	554.8	536.5	524.0	515.5	503.9	498.0	492.7	487.8
37.5°	599.9	566.7	539.6	519.3	503.3	490.9	479.9	473.6	466.5	461.7	457.5
40°	571.4	541.0	516.3	494.9	483.3	469.4	459.2	451.1	445.7	439.5	435.0
42.5°	545.6	517.4	493.4	474.2	459.7	448.0	438.1	430.0	423.2	418.7	415.0
45°	509.2	481.0	457.8	439.9	426.5	415.3	405.0	401.1	392.1	386.8	385.0
47.5°	471.6	446.3	424.0	407.4	393.7	383.1	373.5	365.2	360.3	355.1	352.2
50°	446.2	422.1	401.1	385.0	371.5	359.9	350.9	345.6	338.9	334.0	330.4
52.5°	420.8	398.5	377.5	362.1	350.4	338.8	328.8	323.4	317.1	313.9	311.4
55°	384.5	360.8	342.9	327.7	315.6	304.9	295.5	290.2	286.1	283.0	282.1
57.5°	343.4	324.6	308.0	294.3	281.7	271.6	263.4	258.3	254.8	254.3	251.6
60°	316.5	299.5	284.3	269.6	258.8	249.4	242.3	236.5	232.9	232.5	231.6
62.5°	289.7	273.5	259.3	246.3	236.7	227.6	220.8	214.3	212.2	209.9	208.0
65°	249.9	235.1	223.5	213.3	202.9	195.4	188.6	184.6	179.7	177.0	172.1
67.5°	210.9	199.4	188.2	179.5	171.5	164.3	158.7	152.7	149.4	147.2	143.7
70°	185.1	176.2	165.0	155.6	149.3	143.5	139.1	132.3	130.1	128.3	126.5
72.5°	160.7	152.9	143.5	136.0	129.7	124.2	119.0	115.9	113.7	111.8	110.8
75°	126.5	118.9	110.9	105.5	101.1	96.6	93.8	91.6	90.7	90.3	88.5
77.5°	92.9	88.9	82.4	78.2	75.2	73.4	71.0	69.8	69.7	67.8	67.2
80°	71.1	68.9	63.5	61.7	59.5	57.7	56.3	54.1	51.8	51.0	49.6
82.5°	52.9	50.6	48.5	45.6	43.7	42.6	41.3	40.5	40.8	39.5	38.9
85°	28.2	25.9	25.1	24.6	23.7	24.6	24.1	23.7	23.2	22.8	23.2
87.5°	10.3	10.6	10.5	11.5	10.7	11.4	11.5	11.4	11.5	11.7	11.5
90°	7.0	8.4	9.7	11.1	12.4	13.8	14.7	15.7	16.6	17.6	18.3
92.5°	9.0	9.0	10.2	11.4	12.6	13.8	14.7	15.7	16.6	17.6	18.2
95°	46.8	42.8	35.6	28.2	21.0	13.8	14.7	15.7	16.6	17.6	18.1
97.5°	106.4	99.8	85.4	71.0	56.7	42.3	36.9	31.5	26.2	20.8	18.1
100°	145.9	146.5	147.3	148.1	148.8	149.6	121.1	92.6	64.2	35.7	21.1
102.5°	188.4	189.0	189.5	189.9	190.4	190.9	185.5	180.0	174.7	169.3	160.1
105°	255.8	256.1	256.1	256.1	256.1	256.1	256.1	256.1	256.1	256.1	256.1
107.5°	322.5	322.7	323.1	323.5	323.9	324.3	324.3	324.3	324.4	324.4	324.2
110°	367.9	368.2	368.5	368.9	369.3	369.6	369.1	368.5	367.9	367.4	367.2



TEST NUMBER: P333568-935

CATALOG NUMBER: S125RDIP-S850D1035U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	412.4	412.8	413.0	413.2	413.5	413.7	412.9	412.2	411.5	410.8	410.3
115°	478.4	479.0	479.1	479.3	479.5	479.7	479.0	478.2	477.4	476.6	475.7
117.5°	540.6	541.0	541.7	542.3	543.1	543.8	542.9	541.8	540.9	539.8	539.1
120°	581.3	581.4	582.0	582.6	583.2	583.8	583.3	583.0	582.6	582.2	581.5
122.5°	621.4	621.8	622.2	622.4	622.7	622.9	622.5	622.2	621.8	621.4	620.6
125°	680.2	680.9	680.9	680.9	680.9	680.9	680.1	679.3	678.6	677.8	677.2
127.5°	732.5	732.9	732.8	732.7	732.5	732.5	732.0	731.6	731.2	730.7	729.9
130°	765.5	766.0	766.3	766.5	766.6	766.8	766.3	765.7	765.1	764.6	763.8
132.5°	799.1	799.4	799.0	798.7	798.2	797.8	797.6	797.5	797.5	797.3	796.8
135°	846.2	846.6	846.2	845.8	845.4	845.1	844.6	844.3	844.0	843.5	842.7
137.5°	888.7	889.1	888.7	888.4	888.0	887.7	887.8	887.9	887.9	888.0	887.5
140°	914.5	914.6	914.4	914.2	914.0	913.9	914.2	914.6	915.0	915.3	915.0
142.5°	939.4	939.6	939.9	940.1	940.4	940.6	940.7	940.8	940.9	941.0	940.5
145°	977.2	977.5	977.5	977.5	977.5	977.5	977.7	977.8	978.0	978.2	977.8
147.5°	1008.1	1008.1	1008.4	1008.7	1008.8	1009.1	1009.4	1009.5	1009.8	1010.0	1009.4
150°	1027.5	1027.5	1027.9	1028.3	1028.6	1029.1	1029.4	1029.8	1030.2	1030.5	1030.0
152.5°	1045.6	1045.4	1045.8	1046.1	1046.5	1046.9	1047.3	1047.7	1048.1	1048.4	1047.9
155°	1070.1	1069.6	1070.1	1070.4	1070.7	1071.2	1071.8	1072.3	1072.9	1073.5	1073.0
157.5°	1091.7	1091.3	1091.3	1091.4	1091.4	1091.5	1092.1	1092.7	1093.3	1093.9	1093.5
160°	1103.5	1103.0	1103.3	1103.5	1103.6	1103.8	1104.6	1105.4	1106.1	1106.9	1106.5
162.5°	1114.6	1114.0	1114.2	1114.5	1114.7	1114.8	1115.9	1117.0	1118.0	1119.1	1118.8
165°	1129.4	1128.9	1129.0	1129.2	1129.5	1129.6	1130.8	1131.9	1133.1	1134.2	1134.0
167.5°	1140.2	1139.7	1139.9	1140.1	1140.2	1140.5	1141.9	1143.2	1144.6	1146.0	1145.8
170°	1145.7	1145.2	1145.4	1145.6	1145.7	1146.0	1147.5	1149.0	1150.6	1152.1	1151.9
172.5°	1149.9	1149.4	1149.7	1150.0	1150.4	1150.7	1152.1	1153.5	1154.9	1156.2	1156.1
175°	1155.1	1154.7	1154.9	1155.0	1155.2	1155.4	1156.9	1158.5	1160.0	1161.5	1161.4
177.5°	1158.1	1157.7	1157.9	1158.0	1158.2	1158.3	1159.4	1160.5	1161.6	1162.6	1162.5
180°	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7



TEST NUMBER: P333568-935

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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1
2.5°	1043.3	1039.4	1038.3	1039.7	1038.3	1039.4	1043.3	1043.6	1044.0	1046.9	1042.9
5°	962.5	958.1	960.3	959.4	960.3	958.1	962.5	967.0	967.9	971.9	974.7
7.5°	891.6	886.0	880.1	882.0	880.1	886.0	891.6	891.7	898.6	903.8	907.3
10°	841.8	837.4	834.7	836.9	834.7	837.4	841.8	847.7	850.3	856.6	863.3
12.5°	800.0	797.3	795.0	794.0	795.0	797.3	800.0	806.2	812.4	819.8	827.2
15°	743.0	737.7	735.5	729.6	735.5	737.7	743.0	748.4	760.4	763.6	774.8
17.5°	690.5	688.8	682.9	680.4	682.9	688.8	690.5	695.1	700.7	712.2	720.6
20°	659.4	657.6	651.9	655.4	651.9	657.6	659.4	666.2	670.6	680.0	688.0
22.5°	633.7	629.7	627.8	626.8	627.8	629.7	633.7	636.8	642.7	651.3	660.5
25°	597.3	591.5	589.3	586.6	589.3	591.5	597.3	599.1	605.4	613.8	618.7
27.5°	561.0	557.8	554.9	554.2	554.9	557.8	561.0	563.5	568.9	576.4	585.2
30°	537.4	534.3	532.0	532.0	532.0	534.3	537.4	542.8	546.7	553.5	560.2
32.5°	516.3	513.8	511.6	511.3	511.6	513.8	516.3	519.2	523.9	531.3	538.4
35°	485.5	482.0	481.0	478.4	481.0	482.0	485.5	487.8	492.7	498.0	503.9
37.5°	453.6	450.6	450.6	450.3	450.6	450.6	453.6	457.5	461.7	466.5	473.6
40°	433.3	431.0	430.5	427.4	430.5	431.0	433.3	435.0	439.5	445.7	451.1
42.5°	411.4	410.3	408.7	407.3	408.7	410.3	411.4	415.0	418.7	423.2	430.0
45°	381.8	378.7	378.7	376.4	378.7	378.7	381.8	385.0	386.8	392.1	401.1
47.5°	351.2	348.8	349.0	346.7	349.0	348.8	351.2	352.2	355.1	360.3	365.2
50°	330.8	329.5	329.1	328.1	329.1	329.5	330.8	330.4	334.0	338.9	345.6
52.5°	310.5	309.8	311.5	309.5	311.5	309.8	310.5	311.4	313.9	317.1	323.4
55°	283.0	281.6	284.3	281.6	284.3	281.6	283.0	282.1	283.0	286.1	290.2
57.5°	251.4	250.2	252.6	251.2	252.6	250.2	251.4	251.6	254.3	254.8	258.3
60°	230.7	228.0	229.4	229.8	229.4	228.0	230.7	231.6	232.5	232.9	236.5
62.5°	206.0	204.4	205.3	203.4	205.3	204.4	206.0	208.0	209.9	212.2	214.3
65°	171.3	169.9	168.1	167.2	168.1	169.9	171.3	172.1	177.0	179.7	184.6
67.5°	143.9	140.7	140.6	141.3	140.6	140.7	143.9	143.7	147.2	149.4	152.7
70°	123.8	123.8	123.4	123.4	123.4	123.8	123.8	126.5	128.3	130.1	132.3
72.5°	109.9	109.5	108.7	108.4	108.7	109.5	109.9	110.8	111.8	113.7	115.9
75°	88.5	88.9	88.1	87.6	88.1	88.9	88.5	88.5	90.3	90.7	91.6
77.5°	65.3	63.5	64.5	63.5	64.5	63.5	65.3	67.2	67.8	69.7	69.8
80°	49.6	49.2	50.5	49.2	50.5	49.2	49.6	49.6	51.0	51.8	54.1
82.5°	39.3	38.8	39.4	38.5	39.4	38.8	39.3	38.9	39.5	40.8	40.5
85°	23.7	23.2	22.8	23.2	22.8	23.2	23.7	23.2	22.8	23.2	23.7
87.5°	12.0	11.8	11.9	12.0	11.9	11.8	12.0	11.5	11.7	11.5	11.4
90°	18.9	19.5	20.1	20.7	20.1	19.5	18.9	18.3	17.6	16.6	15.7
92.5°	18.4	18.7	19.0	19.3	19.0	18.7	18.4	18.2	17.6	16.6	15.7
95°	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	17.6	16.6	15.7
97.5°	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	20.8	26.2	31.5
100°	20.3	19.5	18.9	18.1	18.9	19.5	20.3	21.1	35.7	64.2	92.6
102.5°	147.1	134.1	121.1	108.1	121.1	134.1	147.1	160.1	169.3	174.7	180.0
105°	255.9	255.7	255.5	255.3	255.5	255.7	255.9	256.1	256.1	256.1	256.1
107.5°	323.6	323.0	322.4	321.8	322.4	323.0	323.6	324.2	324.4	324.4	324.3
110°	367.4	367.6	367.7	367.9	367.7	367.6	367.4	367.2	367.4	367.9	368.5



TEST NUMBER: P333568-935

CATALOG NUMBER: S125RDIP-S850D1035U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	410.0	409.7	409.5	409.2	409.5	409.7	410.0	410.3	410.8	411.5	412.2
115°	474.6	473.4	472.3	471.1	472.3	473.4	474.6	475.7	476.6	477.4	478.2
117.5°	538.6	538.1	537.6	537.1	537.6	538.1	538.6	539.1	539.8	540.9	541.8
120°	580.6	579.6	578.7	577.7	578.7	579.6	580.6	581.5	582.2	582.6	583.0
122.5°	619.6	618.5	617.3	616.2	617.3	618.5	619.6	620.6	621.4	621.8	622.2
125°	676.6	676.0	675.5	674.9	675.5	676.0	676.6	677.2	677.8	678.6	679.3
127.5°	728.4	727.0	725.7	724.2	725.7	727.0	728.4	729.9	730.7	731.2	731.6
130°	762.8	761.9	761.0	759.9	761.0	761.9	762.8	763.8	764.6	765.1	765.7
132.5°	795.8	794.9	793.9	793.0	793.9	794.9	795.8	796.8	797.3	797.5	797.5
135°	841.6	840.5	839.3	838.2	839.3	840.5	841.6	842.7	843.5	844.0	844.3
137.5°	886.6	885.5	884.6	883.6	884.6	885.5	886.6	887.5	888.0	887.9	887.9
140°	913.9	912.7	911.5	910.4	911.5	912.7	913.9	915.0	915.3	915.0	914.6
142.5°	939.3	938.1	937.0	935.8	937.0	938.1	939.3	940.5	941.0	940.9	940.8
145°	976.6	975.4	974.3	973.2	974.3	975.4	976.6	977.8	978.2	978.0	977.8
147.5°	1008.1	1006.7	1005.3	1003.9	1005.3	1006.7	1008.1	1009.4	1010.0	1009.8	1009.5
150°	1028.5	1026.9	1025.4	1023.9	1025.4	1026.9	1028.5	1030.0	1030.5	1030.2	1029.8
152.5°	1046.5	1045.2	1043.8	1042.4	1043.8	1045.2	1046.5	1047.9	1048.4	1048.1	1047.7
155°	1071.4	1069.9	1068.4	1066.9	1068.4	1069.9	1071.4	1073.0	1073.5	1072.9	1072.3
157.5°	1091.9	1090.4	1088.8	1087.4	1088.8	1090.4	1091.9	1093.5	1093.9	1093.3	1092.7
160°	1105.0	1103.5	1101.9	1100.4	1101.9	1103.5	1105.0	1106.5	1106.9	1106.1	1105.4
162.5°	1117.1	1115.4	1113.8	1112.1	1113.8	1115.4	1117.1	1118.8	1119.1	1118.0	1117.0
165°	1132.5	1130.9	1129.5	1127.9	1129.5	1130.9	1132.5	1134.0	1134.2	1133.1	1131.9
167.5°	1144.1	1142.4	1140.7	1138.9	1140.7	1142.4	1144.1	1145.8	1146.0	1144.6	1143.2
170°	1150.2	1148.6	1146.9	1145.1	1146.9	1148.6	1150.2	1151.9	1152.1	1150.6	1149.0
172.5°	1154.3	1152.6	1150.9	1149.3	1150.9	1152.6	1154.3	1156.1	1156.2	1154.9	1153.5
175°	1159.7	1158.0	1156.2	1154.5	1156.2	1158.0	1159.7	1161.4	1161.5	1160.0	1158.5
177.5°	1161.3	1160.1	1158.9	1157.6	1158.9	1160.1	1161.3	1162.5	1162.6	1161.6	1160.5
180°	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7



TEST NUMBER: P333568-935

CATALOG NUMBER: S125RDIP-S850D1035U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1
2.5°	1044.0	1047.9	1050.1	1055.1	1062.2	1065.8	1070.8	1074.4	1079.4	1085.5	1090.5
5°	976.4	987.1	994.3	1005.5	1015.7	1026.1	1039.0	1048.4	1060.9	1075.2	1086.4
7.5°	913.6	927.0	938.9	953.7	970.7	984.0	1000.8	1018.0	1037.7	1058.0	1077.1
10°	873.6	887.0	901.7	920.1	937.0	954.9	975.1	995.1	1019.8	1042.6	1068.5
12.5°	833.9	848.7	865.3	885.7	906.3	929.2	949.7	972.3	998.7	1028.3	1056.0
15°	784.6	798.9	816.8	834.2	857.9	883.0	910.2	940.2	969.7	1002.8	1037.2
17.5°	731.8	747.5	767.2	787.4	812.4	841.6	868.4	901.2	934.4	972.9	1013.4
20°	697.4	713.5	736.8	759.1	782.0	810.5	842.3	875.8	911.1	951.8	997.0
22.5°	670.3	681.7	704.6	727.3	754.1	783.3	814.4	849.4	887.9	930.0	977.3
25°	629.9	643.3	659.9	683.5	711.3	742.2	773.4	810.5	852.6	895.5	946.0
27.5°	594.1	605.1	621.5	640.1	667.6	699.6	733.0	771.6	814.8	858.5	911.5
30°	568.7	580.7	596.4	616.0	638.0	672.9	706.8	744.9	788.7	833.8	888.3
32.5°	546.5	559.0	572.4	591.0	614.8	645.7	680.7	718.0	762.5	809.1	862.2
35°	515.5	524.0	536.5	554.8	578.1	603.1	638.9	678.2	721.6	769.8	823.0
37.5°	479.9	490.9	503.3	519.3	539.6	566.7	599.9	639.7	680.0	726.3	774.8
40°	459.2	469.4	483.3	494.9	516.3	541.0	571.4	612.9	653.2	696.5	740.8
42.5°	438.1	448.0	459.7	474.2	493.4	517.4	545.6	584.4	627.4	668.3	705.4
45°	405.0	415.3	426.5	439.9	457.8	481.0	509.2	544.5	582.1	619.7	647.8
47.5°	373.5	383.1	393.7	407.4	424.0	446.3	471.6	502.7	539.2	571.2	591.3
50°	350.9	359.9	371.5	385.0	401.1	422.1	446.2	477.0	507.4	536.5	554.8
52.5°	328.8	338.8	350.4	362.1	377.5	398.5	420.8	447.4	476.3	500.0	515.1
55°	295.5	304.9	315.6	327.7	342.9	360.8	384.5	405.5	428.3	448.4	457.4
57.5°	263.4	271.6	281.7	294.3	308.0	324.6	343.4	363.6	379.6	393.9	404.0
60°	242.3	249.4	258.8	269.6	284.3	299.5	316.5	335.3	347.8	359.9	369.3
62.5°	220.8	227.6	236.7	246.3	259.3	273.5	289.7	304.9	317.1	325.2	336.0
65°	188.6	195.4	202.9	213.3	223.5	235.1	249.9	261.1	269.6	278.5	285.2
67.5°	158.7	164.3	171.5	179.5	188.2	199.4	210.9	220.2	225.9	231.4	239.4
70°	139.1	143.5	149.3	155.6	165.0	176.2	185.1	192.3	196.3	201.6	211.5
72.5°	119.0	124.2	129.7	136.0	143.5	152.9	160.7	167.9	170.5	174.8	181.1
75°	93.8	96.6	101.1	105.5	110.9	118.9	126.5	128.3	130.5	134.1	138.6
77.5°	71.0	73.4	75.2	78.2	82.4	88.9	92.9	95.6	96.1	97.5	101.9
80°	56.3	57.7	59.5	61.7	63.5	68.9	71.1	73.8	74.6	76.0	78.3
82.5°	41.3	42.6	43.7	45.6	48.5	50.6	52.9	55.5	55.7	56.7	57.2
85°	24.1	24.6	23.7	24.6	25.1	25.9	28.2	30.4	30.0	29.5	30.8
87.5°	11.5	11.4	10.7	11.5	10.5	10.6	10.3	10.4	10.8	11.2	11.6
90°	14.7	13.8	12.4	11.1	9.7	8.4	7.0	5.4	3.9	2.4	0.9
92.5°	14.7	13.8	12.6	11.4	10.2	9.0	9.0	10.0	11.1	12.1	13.3
95°	14.7	13.8	21.0	28.2	35.6	42.8	46.8	47.3	47.9	48.4	49.0
97.5°	36.9	42.3	56.7	71.0	85.4	99.8	106.4	105.4	104.4	103.3	102.3
100°	121.1	149.6	148.8	148.1	147.3	146.5	145.9	145.3	144.7	144.1	143.5
102.5°	185.5	190.9	190.4	189.9	189.5	189.0	188.4	187.7	187.0	186.2	185.5
105°	256.1	256.1	256.1	256.1	256.1	256.1	255.8	255.0	254.3	253.5	252.7
107.5°	324.3	324.3	323.9	323.5	323.1	322.7	322.5	322.5	322.5	322.5	322.5
110°	369.1	369.6	369.3	368.9	368.5	368.2	367.9	367.9	367.9	367.9	367.9



TEST NUMBER: P333568-935

CATALOG NUMBER: S125RDIP-S850D1035U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	412.9	413.7	413.5	413.2	413.0	412.8	412.4	412.0	411.5	411.0	410.6
115°	479.0	479.7	479.5	479.3	479.1	479.0	478.4	477.4	476.5	475.5	474.6
117.5°	542.9	543.8	543.1	542.3	541.7	541.0	540.6	540.6	540.6	540.7	540.7
120°	583.3	583.8	583.2	582.6	582.0	581.4	581.3	581.4	581.6	581.8	582.0
122.5°	622.5	622.9	622.7	622.4	622.2	621.8	621.4	620.6	619.9	619.1	618.5
125°	680.1	680.9	680.9	680.9	680.9	680.9	680.2	678.9	677.5	676.1	674.9
127.5°	732.0	732.5	732.5	732.7	732.8	732.9	732.5	731.5	730.6	729.6	728.7
130°	766.3	766.8	766.6	766.5	766.3	766.0	765.5	764.6	763.6	762.7	761.6
132.5°	797.6	797.8	798.2	798.7	799.0	799.4	799.1	798.0	796.9	795.8	794.7
135°	844.6	845.1	845.4	845.8	846.2	846.6	846.2	845.1	844.0	842.7	841.6
137.5°	887.8	887.7	888.0	888.4	888.7	889.1	888.7	887.8	886.7	885.8	884.8
140°	914.2	913.9	914.0	914.2	914.4	914.6	914.5	914.1	913.8	913.3	913.0
142.5°	940.7	940.6	940.4	940.1	939.9	939.6	939.4	939.1	938.9	938.7	938.4
145°	977.7	977.5	977.5	977.5	977.5	977.5	977.2	976.9	976.5	976.1	975.8
147.5°	1009.4	1009.1	1008.8	1008.7	1008.4	1008.1	1008.1	1008.1	1008.2	1008.3	1008.4
150°	1029.4	1029.1	1028.6	1028.3	1027.9	1027.5	1027.5	1027.9	1028.3	1028.6	1029.1
152.5°	1047.3	1046.9	1046.5	1046.1	1045.8	1045.4	1045.6	1046.5	1047.3	1048.2	1049.0
155°	1071.8	1071.2	1070.7	1070.4	1070.1	1069.6	1070.1	1071.2	1072.3	1073.5	1074.6
157.5°	1092.1	1091.5	1091.4	1091.4	1091.3	1091.3	1091.7	1092.4	1093.0	1093.6	1094.3
160°	1104.6	1103.8	1103.6	1103.5	1103.3	1103.0	1103.5	1104.7	1105.9	1107.0	1108.1
162.5°	1115.9	1114.8	1114.7	1114.5	1114.2	1114.0	1114.6	1115.7	1116.8	1118.0	1119.1
165°	1130.8	1129.6	1129.5	1129.2	1129.0	1128.9	1129.4	1130.5	1131.6	1132.7	1133.9
167.5°	1141.9	1140.5	1140.2	1140.1	1139.9	1139.7	1140.2	1141.3	1142.5	1143.8	1145.0
170°	1147.5	1146.0	1145.7	1145.6	1145.4	1145.2	1145.7	1147.1	1148.4	1149.8	1151.1
172.5°	1152.1	1150.7	1150.4	1150.0	1149.7	1149.4	1149.9	1151.2	1152.5	1153.9	1155.2
175°	1156.9	1155.4	1155.2	1155.0	1154.9	1154.7	1155.1	1156.2	1157.4	1158.6	1159.7
177.5°	1159.4	1158.3	1158.2	1158.0	1157.9	1157.7	1158.1	1159.0	1159.9	1160.9	1161.7
180°	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7



TEST NUMBER: P333568-935

CATALOG NUMBER: S125RDIP-S850D1035U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1
2.5°	1094.4	1097.7	1102.3	1107.7	1112.0	1116.6	1119.1	1119.1	1121.3	1125.9	1132.0
5°	1097.6	1109.2	1120.3	1134.7	1145.8	1158.8	1168.6	1178.0	1186.5	1197.2	1208.4
7.5°	1096.7	1115.9	1136.1	1158.6	1183.5	1203.2	1223.6	1239.5	1255.2	1275.7	1291.9
10°	1093.1	1118.1	1145.4	1174.0	1205.3	1232.6	1257.1	1279.5	1301.0	1323.4	1343.4
12.5°	1086.7	1118.5	1151.8	1186.2	1225.7	1256.9	1288.7	1312.4	1337.5	1361.9	1386.7
15°	1077.0	1114.6	1154.8	1202.6	1250.9	1285.8	1317.1	1347.9	1371.1	1398.9	1422.6
17.5°	1057.0	1105.4	1156.1	1208.3	1254.7	1295.3	1328.1	1357.4	1382.2	1412.6	1444.8
20°	1045.3	1097.6	1150.3	1206.2	1250.4	1292.0	1323.8	1354.2	1385.0	1424.8	1464.1
22.5°	1028.8	1084.7	1140.7	1193.7	1240.4	1280.6	1313.4	1350.7	1391.1	1436.2	1483.8
25°	1002.8	1060.5	1115.9	1166.4	1212.0	1253.2	1297.9	1347.9	1397.1	1456.6	1525.0
27.5°	969.8	1025.4	1074.9	1128.3	1173.5	1225.9	1281.7	1335.9	1406.9	1488.7	1574.1
30°	945.1	997.9	1044.8	1095.4	1146.8	1204.5	1267.0	1330.9	1415.4	1511.6	1613.1
32.5°	916.5	964.2	1010.8	1059.5	1118.9	1182.2	1248.8	1327.0	1428.0	1537.3	1642.4
35°	866.9	909.8	954.9	1009.0	1072.1	1140.9	1225.9	1321.1	1443.1	1560.7	1655.1
37.5°	814.9	848.7	894.1	951.1	1019.8	1099.4	1195.8	1311.6	1436.9	1542.4	1582.5
40°	774.8	806.5	854.4	914.3	982.2	1069.4	1177.6	1296.5	1422.6	1495.9	1492.8
42.5°	735.0	767.2	813.2	873.5	944.3	1041.9	1153.3	1276.9	1383.3	1411.2	1353.0
45°	674.2	704.1	749.3	810.1	886.1	988.5	1105.6	1224.1	1292.0	1246.9	1131.5
47.5°	612.2	641.2	683.1	742.7	825.6	932.8	1043.5	1140.7	1150.3	1053.3	915.0
50°	571.4	598.7	638.4	701.9	782.4	887.0	993.9	1070.3	1046.6	928.2	785.5
52.5°	531.7	557.8	595.1	655.0	737.3	839.8	935.2	995.1	940.4	814.4	686.0
55°	473.0	498.0	535.6	590.6	665.2	759.1	842.7	864.6	784.2	657.2	553.5
57.5°	417.3	435.7	472.8	521.3	593.3	676.1	736.1	732.1	643.3	529.0	454.6
60°	380.5	397.0	432.3	477.0	545.4	619.7	661.7	643.8	553.9	459.6	388.1
62.5°	346.1	361.6	391.2	432.3	491.0	555.6	586.2	561.5	476.6	393.8	336.9
65°	294.2	305.3	329.1	367.0	413.1	457.8	485.1	448.8	373.8	311.2	268.2
67.5°	245.6	255.3	276.4	303.7	335.4	366.3	377.3	343.4	285.0	242.8	212.6
70°	214.1	223.1	237.4	262.9	283.9	305.8	311.2	280.8	232.0	199.8	181.1
72.5°	184.1	192.3	204.8	222.8	237.4	250.0	252.5	224.3	186.9	164.8	150.3
75°	140.3	147.6	155.6	162.3	171.7	173.9	173.0	151.1	131.0	116.2	108.2
77.5°	103.1	106.2	111.1	113.7	114.2	114.0	109.4	95.6	85.2	79.1	75.9
80°	79.6	81.8	83.2	84.0	84.5	80.0	75.1	66.6	63.0	59.5	55.4
82.5°	57.8	59.3	60.6	60.8	58.4	54.7	50.1	45.9	43.4	41.6	40.0
85°	31.3	31.8	31.3	29.1	25.9	24.6	23.7	22.8	22.4	21.9	21.9
87.5°	11.5	10.8	9.3	10.0	10.2	10.2	10.4	10.3	10.2	10.4	10.7
90°	2.4	3.9	5.4	7.0	8.4	9.7	11.1	12.4	13.8	14.7	15.7
92.5°	12.1	11.1	10.0	9.0	9.0	10.2	11.4	12.6	13.8	14.7	15.7
95°	48.4	47.9	47.3	46.8	42.8	35.6	28.2	21.0	13.8	14.7	15.7
97.5°	103.3	104.4	105.4	106.4	99.8	85.4	71.0	56.7	42.3	36.9	31.5
100°	144.1	144.7	145.3	145.9	146.5	147.3	148.1	148.8	149.6	121.1	92.6
102.5°	186.2	187.0	187.7	188.4	189.0	189.5	189.9	190.4	190.9	185.5	180.0
105°	253.5	254.3	255.0	255.8	256.1	256.1	256.1	256.1	256.1	256.1	256.1
107.5°	322.5	322.5	322.5	322.5	322.7	323.1	323.5	323.9	324.3	324.3	324.3
110°	367.9	367.9	367.9	367.9	368.2	368.5	368.9	369.3	369.6	369.1	368.5



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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	411.0	411.5	412.0	412.4	412.8	413.0	413.2	413.5	413.7	412.9	412.2
115°	475.5	476.5	477.4	478.4	479.0	479.1	479.3	479.5	479.7	479.0	478.2
117.5°	540.7	540.6	540.6	540.6	541.0	541.7	542.3	543.1	543.8	542.9	541.8
120°	581.8	581.6	581.4	581.3	581.4	582.0	582.6	583.2	583.8	583.3	583.0
122.5°	619.1	619.9	620.6	621.4	621.8	622.2	622.4	622.7	622.9	622.5	622.2
125°	676.1	677.5	678.9	680.2	680.9	680.9	680.9	680.9	680.9	680.1	679.3
127.5°	729.6	730.6	731.5	732.5	732.9	732.8	732.7	732.5	732.5	732.0	731.6
130°	762.7	763.6	764.6	765.5	766.0	766.3	766.5	766.6	766.8	766.3	765.7
132.5°	795.8	796.9	798.0	799.1	799.4	799.0	798.7	798.2	797.8	797.6	797.5
135°	842.7	844.0	845.1	846.2	846.6	846.2	845.8	845.4	845.1	844.6	844.3
137.5°	885.8	886.7	887.8	888.7	889.1	888.7	888.4	888.0	887.7	887.8	887.9
140°	913.3	913.8	914.1	914.5	914.6	914.4	914.2	914.0	913.9	914.2	914.6
142.5°	938.7	938.9	939.1	939.4	939.6	939.9	940.1	940.4	940.6	940.7	940.8
145°	976.1	976.5	976.9	977.2	977.5	977.5	977.5	977.5	977.5	977.7	977.8
147.5°	1008.3	1008.2	1008.1	1008.1	1008.1	1008.4	1008.7	1008.8	1009.1	1009.4	1009.5
150°	1028.6	1028.3	1027.9	1027.5	1027.5	1027.9	1028.3	1028.6	1029.1	1029.4	1029.8
152.5°	1048.2	1047.3	1046.5	1045.6	1045.4	1045.8	1046.1	1046.5	1046.9	1047.3	1047.7
155°	1073.5	1072.3	1071.2	1070.1	1069.6	1070.1	1070.4	1070.7	1071.2	1071.8	1072.3
157.5°	1093.6	1093.0	1092.4	1091.7	1091.3	1091.3	1091.4	1091.4	1091.5	1092.1	1092.7
160°	1107.0	1105.9	1104.7	1103.5	1103.0	1103.3	1103.5	1103.6	1103.8	1104.6	1105.4
162.5°	1118.0	1116.8	1115.7	1114.6	1114.0	1114.2	1114.5	1114.7	1114.8	1115.9	1117.0
165°	1132.7	1131.6	1130.5	1129.4	1128.9	1129.0	1129.2	1129.5	1129.6	1130.8	1131.9
167.5°	1143.8	1142.5	1141.3	1140.2	1139.7	1139.9	1140.1	1140.2	1140.5	1141.9	1143.2
170°	1149.8	1148.4	1147.1	1145.7	1145.2	1145.4	1145.6	1145.7	1146.0	1147.5	1149.0
172.5°	1153.9	1152.5	1151.2	1149.9	1149.4	1149.7	1150.0	1150.4	1150.7	1152.1	1153.5
175°	1158.6	1157.4	1156.2	1155.1	1154.7	1154.9	1155.0	1155.2	1155.4	1156.9	1158.5
177.5°	1160.9	1159.9	1159.0	1158.1	1157.7	1157.9	1158.0	1158.2	1158.3	1159.4	1160.5
180°	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1	1089.1
2.5°	1136.6	1136.6	1142.7	1142.4	1146.3	1144.9	1145.6
5°	1221.8	1229.4	1236.1	1240.6	1247.3	1249.1	1248.2
7.5°	1310.2	1327.1	1335.3	1346.6	1348.7	1354.5	1353.9
10°	1364.9	1381.5	1394.0	1403.8	1408.8	1415.0	1415.4
12.5°	1407.8	1421.9	1433.0	1442.1	1448.0	1450.0	1451.2
15°	1441.4	1457.0	1470.0	1482.9	1490.6	1496.3	1499.5
17.5°	1475.2	1499.3	1522.2	1539.8	1550.4	1559.3	1559.2
20°	1501.2	1529.0	1557.6	1577.7	1598.3	1607.2	1608.6
22.5°	1529.1	1571.6	1608.4	1639.6	1666.6	1675.9	1679.4
25°	1587.1	1642.5	1699.4	1743.2	1774.4	1792.8	1795.4
27.5°	1657.1	1732.2	1791.9	1832.3	1858.3	1871.9	1874.8
30°	1706.5	1775.8	1829.5	1859.8	1871.9	1873.7	1867.0
32.5°	1728.6	1780.5	1801.9	1800.1	1776.4	1760.7	1754.6
35°	1701.6	1690.8	1638.5	1576.0	1528.1	1497.7	1489.6
37.5°	1548.5	1456.0	1359.7	1265.2	1214.8	1189.2	1145.2
40°	1397.6	1265.7	1165.5	1086.0	1029.2	983.5	972.8
42.5°	1227.3	1091.1	991.0	922.8	877.5	846.2	832.6
45°	986.3	869.1	786.4	734.1	699.2	676.4	666.2
47.5°	788.8	698.2	637.9	599.2	572.7	552.8	547.3
50°	680.4	608.0	557.1	524.4	504.3	489.1	482.8
52.5°	591.0	532.5	493.4	466.5	447.5	438.0	432.7
55°	487.8	437.2	409.1	387.6	376.9	369.3	365.7
57.5°	398.9	362.4	341.8	327.0	317.1	312.2	310.5
60°	349.1	320.6	301.8	290.2	283.4	277.2	275.4
62.5°	305.1	282.7	268.1	258.0	251.2	248.6	247.5
65°	245.9	231.2	220.4	214.1	208.8	207.9	207.4
67.5°	195.4	186.8	181.2	174.6	172.7	169.6	169.0
70°	167.2	161.4	154.7	152.5	150.2	147.1	147.6
72.5°	141.8	136.0	131.5	128.5	127.7	126.3	127.5
75°	103.8	101.9	100.1	97.9	97.0	97.0	96.6
77.5°	74.0	72.5	70.5	69.2	69.0	67.1	67.8
80°	53.6	51.4	50.5	51.0	49.6	49.2	49.2
82.5°	39.7	38.9	38.0	38.1	37.8	37.4	37.7
85°	21.9	21.4	21.4	21.0	21.0	20.6	20.6
87.5°	11.2	11.7	11.2	10.9	11.0	11.5	12.0
90°	16.6	17.6	18.3	18.9	19.5	20.1	20.7
92.5°	16.6	17.6	18.2	18.4	18.7	19.0	19.3
95°	16.6	17.6	18.1	18.1	18.1	18.1	18.1
97.5°	26.2	20.8	18.1	18.1	18.1	18.1	18.1
100°	64.2	35.7	21.1	20.3	19.5	18.9	18.1
102.5°	174.7	169.3	160.1	147.1	134.1	121.1	108.1
105°	256.1	256.1	256.1	255.9	255.7	255.5	255.3
107.5°	324.4	324.4	324.2	323.6	323.0	322.4	321.8
110°	367.9	367.4	367.2	367.4	367.6	367.7	367.9



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	411.5	410.8	410.3	410.0	409.7	409.5	409.2
115°	477.4	476.6	475.7	474.6	473.4	472.3	471.1
117.5°	540.9	539.8	539.1	538.6	538.1	537.6	537.1
120°	582.6	582.2	581.5	580.6	579.6	578.7	577.7
122.5°	621.8	621.4	620.6	619.6	618.5	617.3	616.2
125°	678.6	677.8	677.2	676.6	676.0	675.5	674.9
127.5°	731.2	730.7	729.9	728.4	727.0	725.7	724.2
130°	765.1	764.6	763.8	762.8	761.9	761.0	759.9
132.5°	797.5	797.3	796.8	795.8	794.9	793.9	793.0
135°	844.0	843.5	842.7	841.6	840.5	839.3	838.2
137.5°	887.9	888.0	887.5	886.6	885.5	884.6	883.6
140°	915.0	915.3	915.0	913.9	912.7	911.5	910.4
142.5°	940.9	941.0	940.5	939.3	938.1	937.0	935.8
145°	978.0	978.2	977.8	976.6	975.4	974.3	973.2
147.5°	1009.8	1010.0	1009.4	1008.1	1006.7	1005.3	1003.9
150°	1030.2	1030.5	1030.0	1028.5	1026.9	1025.4	1023.9
152.5°	1048.1	1048.4	1047.9	1046.5	1045.2	1043.8	1042.4
155°	1072.9	1073.5	1073.0	1071.4	1069.9	1068.4	1066.9
157.5°	1093.3	1093.9	1093.5	1091.9	1090.4	1088.8	1087.4
160°	1106.1	1106.9	1106.5	1105.0	1103.5	1101.9	1100.4
162.5°	1118.0	1119.1	1118.8	1117.1	1115.4	1113.8	1112.1
165°	1133.1	1134.2	1134.0	1132.5	1130.9	1129.5	1127.9
167.5°	1144.6	1146.0	1145.8	1144.1	1142.4	1140.7	1138.9
170°	1150.6	1152.1	1151.9	1150.2	1148.6	1146.9	1145.1
172.5°	1154.9	1156.2	1156.1	1154.3	1152.6	1150.9	1149.3
175°	1160.0	1161.5	1161.4	1159.7	1158.0	1156.2	1154.5
177.5°	1161.6	1162.6	1162.5	1161.3	1160.1	1158.9	1157.6
180°	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7	1159.7

(END OF REPORT)