

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: P333241-927

Luminaire Tested: **S125DIP-S850D1205U927-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333241-927  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-7,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S125DIP-S850D1205U927-4F0-1E-UDD-A  
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 850 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 1205 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6551.2 lumens  
Efficiency: N/A  
Efficacy: 115.1 lumens/watt  
Spacing Criteria (0/90/45): 1.43 / 1.23 / 1.52  
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')  
CIE Type: General Diffuse

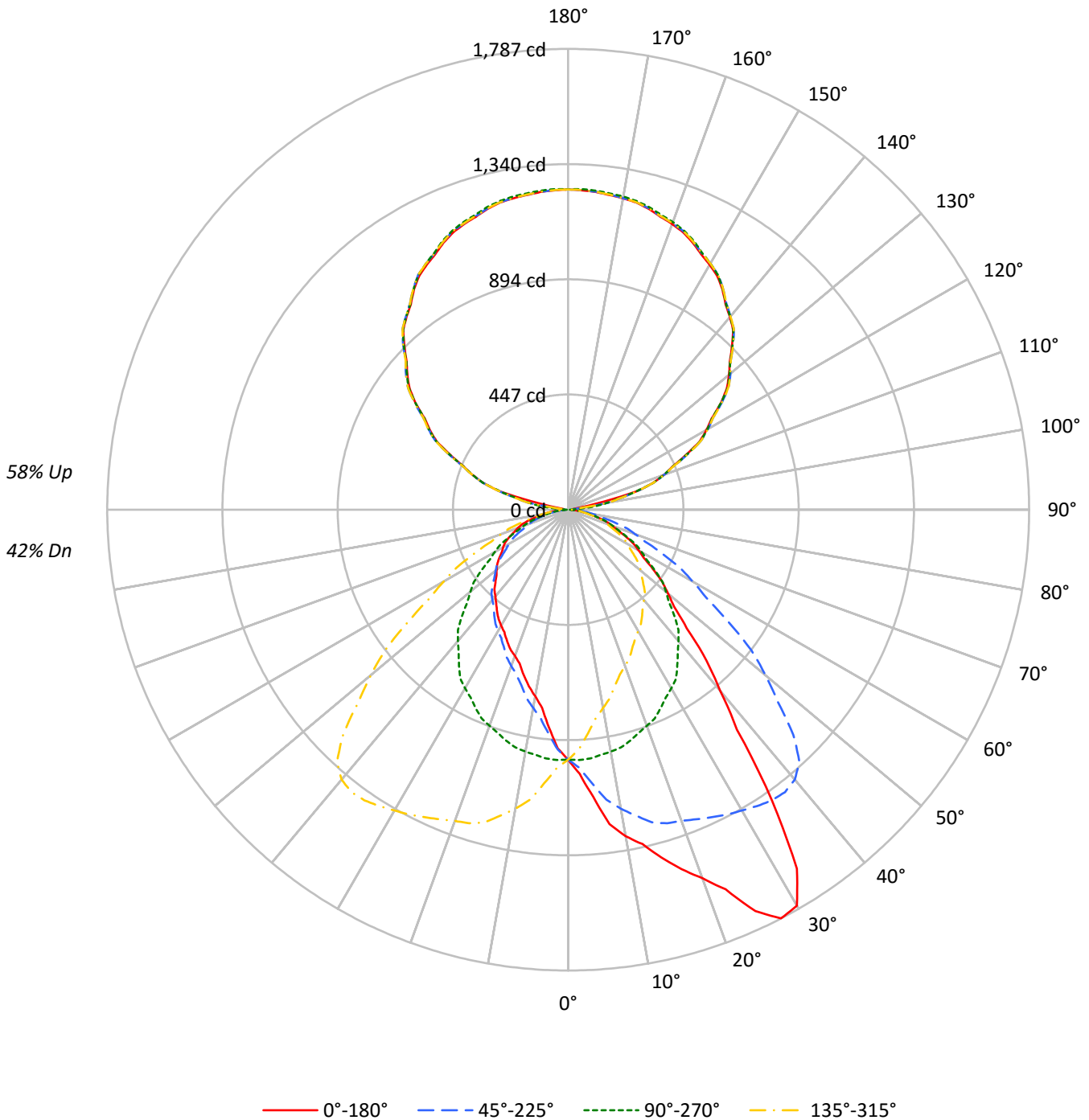
Input Watts (W): 56.9  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	105	105	105	105	96	96	96	96	79	79	79	63	63	63	49	49	49	42
1	96	92	88	85	88	84	81	78	69	67	65	56	54	53	43	42	41	36
2	88	80	74	69	80	74	69	64	61	57	54	49	47	44	38	37	35	30
3	80	71	64	58	73	65	59	54	54	49	46	44	40	38	34	32	30	26
4	73	63	55	49	67	58	51	46	48	43	39	39	35	32	30	28	26	22
5	67	56	48	42	61	51	44	39	43	38	34	35	31	28	27	25	23	19
6	62	50	42	36	56	46	39	34	39	33	29	32	28	25	25	22	20	17
7	57	45	37	32	52	42	35	30	35	30	26	29	25	22	23	20	18	15
8	53	41	33	28	48	38	31	26	32	27	23	26	22	19	21	18	16	13
9	49	37	30	25	45	34	28	23	29	24	20	24	20	17	19	16	14	12
10	46	34	27	22	42	32	25	21	27	22	18	22	18	16	18	15	13	11

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

	0°	90°	180°	270°
0°	6259	6259	6259	6259
5°	7248	6280	5499	6280
10°	8433	6248	4818	6248
15°	9335	6202	4444	6202
20°	10449	6129	4144	6129
25°	12241	6047	3998	6047
30°	13221	5967	3871	5967
35°	10871	5815	3788	5815
40°	7727	5604	3697	5604
45°	5936	5320	3644	5320
50°	5067	4967	3636	4967
55°	4512	4622	3668	4622
60°	4070	4246	3761	4246
65°	3759	3865	3859	3865
70°	3418	3473	3914	3473
75°	3019	3059	3880	3059
80°	2540	2492	3552	2492
85°	2016	1793	2868	1793



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	93.3	1.4
10°-20°	277.8	4.2
20°-30°	451.1	6.9
30°-40°	550.2	8.4
40°-50°	500.5	7.6
50°-60°	398.7	6.1
60°-70°	277.7	4.2
70°-80°	148.1	2.3
80°-90°	40.0	0.6
90°-100°	45.1	0.7
100°-110°	278.2	4.2
110°-120°	504.5	7.7
120°-130°	647.4	9.9
130°-140°	696.4	10.6
140°-150°	653.6	10.0
150°-160°	528.7	8.1
160°-170°	342.0	5.2
170°-180°	117.9	1.8
0°-30°	822.1	12.5
0°-40°	1372.3	20.9
0°-60°	2271.6	34.7
0°-90°	2737.3	41.8
90°-120°	827.8	12.6
90°-150°	2825.2	43.1
90°-180°	3814.0	58.2
0°-180°	6551.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	969	969	969	969	969	
5°	1118	969	848	969	1118	113
15°	1396	928	665	928	1396	400
25°	1718	849	561	849	1718	785
35°	1379	738	480	738	1379	844
45°	650	582	399	582	650	520
55°	401	410	326	410	401	361
65°	246	253	252	253	246	244
75°	121	123	156	123	121	130
85°	27	24	39	24	27	32
90°	22	1	22	1	22	11
95°	19	52	19	52	19	16
105°	274	271	274	271	274	247
115°	504	508	504	508	504	501
125°	723	723	723	723	723	643
135°	898	901	898	901	898	693
145°	1042	1045	1042	1045	1042	651
155°	1143	1151	1143	1151	1143	527
165°	1208	1214	1208	1214	1208	341
175°	1236	1242	1236	1242	1236	118
180°	1242	1242	1242	1242	1242	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2
2.5°	1025.1	1023.7	1022.5	1019.8	1021.8	1016.2	1013.5	1008.9	1003.4	1001.4	999.1
5°	1118.0	1120.1	1122.1	1113.5	1114.4	1108.6	1095.4	1084.7	1076.1	1065.0	1057.2
7.5°	1229.9	1225.0	1224.6	1219.1	1209.4	1201.7	1187.9	1170.3	1153.3	1133.9	1117.8
10°	1285.9	1286.3	1282.5	1276.0	1265.7	1258.3	1240.2	1222.9	1202.0	1177.3	1159.6
12.5°	1328.0	1329.7	1325.0	1316.1	1311.1	1294.5	1280.3	1259.8	1234.9	1215.1	1188.2
15°	1396.1	1391.5	1388.3	1377.2	1368.6	1351.3	1328.6	1307.3	1280.1	1255.0	1229.9
17.5°	1461.7	1465.4	1459.2	1449.1	1422.3	1402.1	1371.7	1342.4	1308.7	1275.0	1245.1
20°	1520.4	1523.6	1514.2	1496.5	1464.4	1444.2	1404.3	1366.5	1327.4	1284.2	1251.3
22.5°	1593.4	1590.8	1578.0	1551.1	1523.3	1486.1	1442.8	1396.8	1347.8	1299.0	1255.3
25°	1717.8	1700.5	1692.7	1659.4	1622.8	1568.0	1508.8	1441.4	1380.5	1315.9	1260.0
27.5°	1786.7	1781.3	1772.6	1749.4	1710.9	1652.4	1582.5	1500.3	1414.4	1332.9	1259.7
30°	1772.9	1773.7	1774.6	1767.1	1742.5	1698.4	1629.0	1540.5	1438.4	1346.7	1262.0
32.5°	1650.5	1665.5	1679.7	1696.7	1703.6	1695.2	1651.6	1571.8	1466.8	1362.6	1260.7
35°	1378.8	1383.4	1429.8	1475.9	1538.4	1587.0	1619.5	1584.1	1495.6	1375.9	1259.1
37.5°	1075.1	1097.3	1129.5	1181.5	1271.8	1352.6	1456.5	1504.3	1475.8	1380.3	1256.2
40°	916.5	937.1	958.0	1011.1	1087.2	1185.1	1303.1	1403.9	1427.4	1366.5	1246.3
42.5°	794.1	810.3	833.6	873.5	937.2	1023.8	1136.6	1268.4	1349.4	1326.4	1225.7
45°	649.9	660.2	678.3	710.0	756.1	823.9	923.4	1067.5	1192.9	1234.5	1176.5
47.5°	556.3	556.2	570.3	592.2	625.4	683.1	756.7	869.5	1003.5	1102.6	1098.0
50°	504.3	502.2	513.3	532.3	558.6	596.8	667.2	757.2	886.1	998.3	1029.6
52.5°	459.5	459.8	466.6	480.6	502.6	535.4	587.9	669.1	779.1	894.4	953.2
55°	400.7	399.0	406.8	416.3	432.3	453.7	491.5	553.7	642.9	756.5	833.0
57.5°	346.7	351.2	354.3	360.9	374.2	388.6	420.5	466.0	536.9	634.3	715.2
60°	315.1	319.6	322.1	328.7	339.4	351.7	376.4	413.4	473.0	557.0	637.2
62.5°	286.8	290.3	291.1	297.1	305.8	317.8	337.2	368.3	415.4	488.9	567.4
65°	246.0	246.0	247.6	253.8	257.9	268.6	283.4	306.0	343.9	401.1	468.1
67.5°	206.7	208.7	208.2	211.0	214.8	223.0	233.6	252.3	280.4	322.1	375.7
70°	181.0	182.6	182.2	184.3	188.4	193.8	202.4	220.1	240.2	276.0	322.1
72.5°	158.0	158.6	157.6	160.3	162.7	167.4	177.1	186.5	205.3	235.5	273.4
75°	121.0	121.8	122.6	124.2	126.7	129.1	134.1	143.5	155.9	178.6	202.8
77.5°	90.6	89.1	91.1	90.9	92.2	94.1	98.5	103.5	113.6	127.9	146.7
80°	68.3	68.7	68.7	69.1	71.1	72.4	76.1	79.8	87.6	98.3	111.5
82.5°	49.8	50.9	50.3	51.0	52.8	53.6	55.7	58.7	63.3	71.7	81.2
85°	27.2	25.1	25.9	26.8	26.8	27.2	28.8	30.0	32.5	35.8	39.5
87.5°	12.3	12.8	13.1	12.9	13.2	13.0	14.1	13.9	14.7	15.4	16.5
90°	22.1	21.5	20.8	20.3	19.6	18.9	17.8	16.8	15.8	14.7	13.3
92.5°	20.6	20.4	20.0	19.7	19.5	18.9	17.8	16.8	15.8	14.7	13.5
95°	19.3	19.3	19.3	19.3	19.3	18.9	17.8	16.8	15.8	14.7	22.5
97.5°	19.3	19.3	19.3	19.3	19.3	22.2	28.0	33.7	39.5	45.3	60.7
100°	19.3	20.1	21.0	21.8	22.6	38.3	68.8	99.3	129.7	160.2	159.4
102.5°	115.8	129.8	143.6	157.6	171.5	181.3	187.1	192.8	198.6	204.4	203.9
105°	273.5	273.6	273.9	274.0	274.3	274.3	274.3	274.3	274.3	274.3	274.3
107.5°	344.7	345.3	345.9	346.5	347.1	347.5	347.4	347.4	347.3	347.3	346.9
110°	394.0	393.9	393.6	393.4	393.2	393.4	394.0	394.7	395.3	395.9	395.5



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	438.2	438.6	438.8	439.1	439.3	439.9	440.7	441.5	442.3	443.0	442.8
115°	504.5	505.7	507.0	508.2	509.5	510.5	511.3	512.1	512.9	513.7	513.5
117.5°	575.2	575.8	576.3	576.8	577.3	578.1	579.2	580.3	581.4	582.4	581.6
120°	618.7	619.7	620.8	621.8	622.8	623.5	623.9	624.3	624.7	625.1	624.5
122.5°	660.0	661.2	662.3	663.5	664.6	665.5	665.9	666.3	666.7	667.1	666.9
125°	722.7	723.3	724.0	724.5	725.2	725.9	726.7	727.5	728.3	729.1	729.1
127.5°	775.5	777.1	778.6	780.1	781.6	782.6	783.1	783.5	783.9	784.4	784.5
130°	813.9	814.9	815.9	816.9	817.9	818.8	819.4	820.0	820.6	821.3	821.0
132.5°	849.2	850.2	851.3	852.3	853.3	853.9	854.0	854.1	854.3	854.4	854.8
135°	897.6	898.9	900.1	901.3	902.5	903.4	903.8	904.2	904.6	905.0	905.4
137.5°	946.3	947.3	948.4	949.4	950.5	951.0	950.9	950.9	950.8	950.7	951.0
140°	975.0	976.2	977.5	978.7	979.9	980.3	979.9	979.5	979.1	978.7	978.9
142.5°	1002.3	1003.5	1004.7	1005.9	1007.2	1007.7	1007.7	1007.6	1007.5	1007.4	1007.1
145°	1042.2	1043.4	1044.7	1045.8	1047.1	1047.6	1047.4	1047.2	1047.0	1046.8	1046.8
147.5°	1075.1	1076.7	1078.1	1079.6	1081.0	1081.6	1081.4	1081.2	1080.9	1080.7	1080.5
150°	1096.5	1098.1	1099.8	1101.5	1103.0	1103.7	1103.3	1102.9	1102.4	1102.0	1101.6
152.5°	1116.4	1117.8	1119.4	1120.8	1122.3	1122.8	1122.4	1122.0	1121.6	1121.2	1120.8
155°	1142.6	1144.1	1145.8	1147.5	1149.1	1149.6	1149.0	1148.3	1147.8	1147.2	1146.8
157.5°	1164.4	1166.1	1167.8	1169.3	1171.0	1171.5	1170.8	1170.2	1169.5	1168.9	1168.9
160°	1178.5	1180.1	1181.7	1183.4	1185.0	1185.4	1184.6	1183.8	1183.0	1182.1	1181.9
162.5°	1191.0	1192.8	1194.5	1196.4	1198.2	1198.5	1197.4	1196.2	1195.1	1193.9	1193.7
165°	1207.9	1209.5	1211.2	1212.8	1214.4	1214.7	1213.5	1212.2	1211.0	1209.7	1209.5
167.5°	1219.7	1221.5	1223.4	1225.2	1227.1	1227.2	1225.7	1224.3	1222.8	1221.4	1221.1
170°	1226.3	1228.2	1230.0	1231.8	1233.7	1233.8	1232.2	1230.5	1228.9	1227.2	1227.0
172.5°	1230.7	1232.6	1234.5	1236.3	1238.1	1238.3	1236.8	1235.3	1233.9	1232.4	1232.0
175°	1236.4	1238.3	1240.2	1242.0	1243.8	1243.9	1242.3	1240.6	1239.0	1237.4	1237.2
177.5°	1239.8	1241.0	1242.4	1243.7	1245.0	1245.1	1244.0	1242.8	1241.7	1240.5	1240.3
180°	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2
2.5°	997.1	994.8	992.1	987.5	982.0	979.0	974.4	971.5	965.5	960.6	955.3
5°	1047.7	1037.0	1027.1	1014.4	1000.4	991.3	980.6	968.7	956.4	943.6	929.6
7.5°	1100.1	1081.2	1060.6	1038.5	1016.8	997.0	977.9	959.3	941.8	920.8	902.9
10°	1135.3	1111.4	1085.9	1055.9	1026.7	1001.2	975.3	952.7	929.6	905.0	883.1
12.5°	1170.5	1138.8	1102.7	1069.8	1034.6	1003.9	973.4	944.4	915.5	888.2	862.8
15°	1195.4	1167.4	1134.1	1087.2	1047.7	1005.4	965.0	927.6	892.6	862.2	830.1
17.5°	1211.7	1175.7	1140.0	1095.0	1043.1	995.8	950.1	907.3	867.8	829.3	798.4
20°	1214.7	1177.7	1140.3	1096.2	1043.1	988.9	943.3	891.8	849.5	809.5	771.7
22.5°	1213.7	1171.8	1131.0	1085.7	1034.0	984.0	928.8	876.3	830.4	791.1	751.6
25°	1204.4	1159.6	1108.6	1063.0	1011.9	958.9	902.9	848.6	801.7	756.9	717.8
27.5°	1196.7	1138.5	1080.8	1027.5	978.3	929.6	876.1	820.5	768.5	723.0	686.2
30°	1187.2	1123.4	1058.4	1002.8	952.3	905.0	854.4	800.1	745.8	701.3	661.9
32.5°	1178.6	1104.3	1035.7	975.3	921.6	875.7	829.0	777.4	724.1	679.0	639.4
35°	1162.1	1076.1	997.5	929.2	872.0	824.7	785.7	737.5	688.6	645.0	607.1
37.5°	1141.1	1039.0	954.7	883.1	820.5	770.6	734.3	697.3	650.3	608.3	574.1
40°	1124.6	1012.7	923.4	850.2	785.3	733.4	699.7	664.7	625.7	586.6	550.4
42.5°	1103.9	989.0	891.9	813.1	748.7	698.2	662.8	633.1	598.7	562.2	528.6
45°	1065.8	946.1	840.8	756.1	691.0	641.3	604.7	582.5	556.6	522.0	493.6
47.5°	1009.8	894.5	785.6	698.2	631.1	584.9	550.6	529.3	511.0	485.4	459.6
50°	960.0	856.0	745.8	658.9	591.9	545.4	513.8	494.4	478.8	459.1	437.3
52.5°	904.4	807.6	706.6	620.8	554.4	508.6	477.6	460.6	447.6	433.4	411.9
55°	816.1	733.9	640.1	558.6	497.3	452.5	425.3	410.5	399.8	389.1	376.0
57.5°	718.7	654.4	571.3	496.9	440.5	399.7	374.3	359.9	351.6	346.1	338.3
60°	650.3	595.2	523.6	455.7	400.7	364.5	339.8	328.7	321.7	317.1	311.4
62.5°	586.8	541.6	475.2	413.3	365.1	330.9	308.9	298.1	291.4	289.1	284.4
65°	493.2	458.3	403.5	352.1	311.0	281.8	263.2	252.9	248.8	246.4	246.8
67.5°	401.0	379.7	335.7	291.9	259.0	234.6	219.8	211.8	209.8	206.5	206.4
70°	344.7	328.7	291.7	253.4	224.2	205.3	192.1	183.9	181.8	180.1	179.7
72.5°	295.0	281.0	248.8	218.2	191.9	175.3	164.5	159.5	156.1	155.2	155.1
75°	221.7	213.9	188.4	164.1	146.0	134.5	127.1	122.6	120.1	119.7	120.1
77.5°	157.6	150.8	134.6	117.4	106.0	97.3	91.0	89.4	86.7	86.7	86.3
80°	118.4	113.9	103.7	90.1	80.6	73.2	69.9	67.0	66.2	65.0	66.2
82.5°	85.9	81.0	74.1	65.4	57.6	53.2	49.8	49.0	48.5	47.8	48.2
85°	42.4	42.8	38.7	32.1	28.8	26.3	24.2	24.2	23.8	23.4	23.8
87.5°	16.9	15.9	14.3	13.0	11.0	9.7	9.0	9.0	8.4	8.4	9.0
90°	11.9	10.5	9.0	7.4	5.9	4.2	2.5	1.0	2.5	4.2	5.9
92.5°	12.2	10.9	9.7	9.6	10.8	11.9	13.1	14.2	13.1	11.9	10.8
95°	30.3	38.0	45.9	50.0	50.6	51.3	51.9	52.4	51.9	51.3	50.6
97.5°	76.0	91.4	106.9	114.0	112.9	111.8	110.7	109.6	110.7	111.8	112.9
100°	158.6	157.7	156.9	156.2	155.6	155.0	154.4	153.8	154.4	155.0	155.6
102.5°	203.4	202.9	202.4	201.8	201.0	200.3	199.5	198.7	199.5	200.3	201.0
105°	274.3	274.3	274.3	273.9	273.1	272.3	271.5	270.7	271.5	272.3	273.1
107.5°	346.4	346.0	345.6	345.5	345.5	345.5	345.5	345.5	345.5	345.5	345.5
110°	395.1	394.7	394.3	394.0	394.0	394.0	394.0	394.0	394.0	394.0	394.0





TEST NUMBER: P333241-927

CATALOG NUMBER: S125DIP-S850D1205U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	442.5	442.3	442.0	441.6	441.2	440.7	440.2	439.7	440.2	440.7	441.2
115°	513.3	513.1	512.9	512.3	511.3	510.2	509.2	508.2	509.2	510.2	511.3
117.5°	580.8	580.1	579.3	578.9	579.0	579.0	579.1	579.1	579.1	579.0	579.0
120°	623.9	623.3	622.7	622.5	622.7	622.9	623.1	623.3	623.1	622.9	622.7
122.5°	666.5	666.2	666.0	665.4	664.6	663.8	663.1	662.3	663.1	663.8	664.6
125°	729.1	729.1	729.1	728.4	727.0	725.6	724.1	722.7	724.1	725.6	727.0
127.5°	784.7	784.7	784.9	784.4	783.4	782.4	781.4	780.4	781.4	782.4	783.4
130°	820.9	820.6	820.4	819.8	818.8	817.8	816.7	815.7	816.7	817.8	818.8
132.5°	855.2	855.7	856.2	855.8	854.6	853.4	852.2	851.0	852.2	853.4	854.6
135°	905.9	906.3	906.7	906.3	905.0	903.8	902.5	901.3	902.5	903.8	905.0
137.5°	951.4	951.8	952.1	951.8	950.7	949.7	948.6	947.5	948.6	949.7	950.7
140°	979.1	979.3	979.5	979.4	979.0	978.6	978.2	977.7	978.2	978.6	979.0
142.5°	1006.8	1006.5	1006.2	1006.0	1005.8	1005.5	1005.2	1005.0	1005.2	1005.5	1005.8
145°	1046.8	1046.8	1046.8	1046.6	1046.2	1045.8	1045.4	1045.0	1045.4	1045.8	1046.2
147.5°	1080.1	1079.9	1079.7	1079.6	1079.7	1079.7	1079.8	1079.9	1079.8	1079.7	1079.7
150°	1101.2	1100.8	1100.4	1100.4	1100.8	1101.2	1101.6	1102.0	1101.6	1101.2	1100.8
152.5°	1120.4	1120.0	1119.5	1119.7	1120.7	1121.6	1122.5	1123.4	1122.5	1121.6	1120.7
155°	1146.3	1145.9	1145.5	1145.9	1147.2	1148.3	1149.6	1150.8	1149.6	1148.3	1147.2
157.5°	1168.8	1168.8	1168.7	1169.0	1169.8	1170.5	1171.2	1172.0	1171.2	1170.5	1169.8
160°	1181.7	1181.5	1181.3	1181.9	1183.0	1184.3	1185.5	1186.8	1185.5	1184.3	1183.0
162.5°	1193.5	1193.3	1193.1	1193.6	1194.8	1196.0	1197.3	1198.5	1197.3	1196.0	1194.8
165°	1209.3	1209.1	1208.9	1209.4	1210.7	1211.9	1213.1	1214.3	1213.1	1211.9	1210.7
167.5°	1220.9	1220.8	1220.5	1221.1	1222.3	1223.6	1224.9	1226.1	1224.9	1223.6	1222.3
170°	1226.9	1226.6	1226.5	1227.0	1228.4	1229.9	1231.4	1232.8	1231.4	1229.9	1228.4
172.5°	1231.7	1231.3	1230.9	1231.4	1232.9	1234.3	1235.7	1237.2	1235.7	1234.3	1232.9
175°	1237.0	1236.8	1236.5	1237.1	1238.3	1239.5	1240.7	1242.0	1240.7	1239.5	1238.3
177.5°	1240.2	1240.0	1239.8	1240.2	1241.3	1242.2	1243.2	1244.2	1243.2	1242.2	1241.3
180°	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0



TEST NUMBER: P333241-927

CATALOG NUMBER: S125DIP-S850D1205U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2
2.5°	952.4	948.7	945.8	939.2	935.6	930.7	926.7	931.0	926.4	928.4	925.3
5°	922.7	911.2	902.9	891.0	880.7	871.2	864.3	863.0	859.7	858.1	853.1
7.5°	886.9	872.5	858.4	842.8	829.6	816.2	807.6	800.6	795.9	789.7	785.5
10°	865.9	846.5	830.1	811.2	794.7	780.3	768.8	763.0	757.7	749.9	747.0
12.5°	839.9	819.9	799.8	779.6	763.8	747.7	737.8	729.1	725.5	716.6	715.7
15°	808.7	778.7	758.9	738.4	716.5	703.4	695.1	685.7	681.6	675.4	670.9
17.5°	771.5	744.7	720.0	698.7	680.0	668.9	658.7	652.2	645.2	641.1	633.7
20°	744.6	719.1	694.3	671.7	657.4	644.6	636.4	630.2	622.8	620.8	613.3
22.5°	721.8	693.7	670.0	651.0	635.3	620.9	612.0	607.8	602.7	596.4	594.8
25°	684.9	655.7	635.6	616.6	602.6	589.5	583.3	578.0	573.0	568.5	566.8
27.5°	653.0	626.9	602.9	585.8	573.7	561.7	556.2	549.7	546.1	542.5	538.1
30°	630.6	603.9	582.9	566.4	553.3	542.6	536.8	532.3	529.0	525.7	523.2
32.5°	607.5	582.8	562.4	546.4	533.2	525.1	520.0	516.8	513.2	509.2	506.1
35°	577.1	549.9	530.2	516.3	506.0	499.8	494.0	491.2	487.0	487.0	483.7
37.5°	542.8	519.4	501.9	489.2	480.0	474.4	468.2	466.2	463.6	461.8	460.7
40°	522.4	500.6	484.2	471.4	461.5	457.0	452.1	448.8	447.1	445.0	444.3
42.5°	501.4	480.5	464.8	453.0	444.4	440.5	435.9	433.6	430.3	427.6	427.1
45°	469.4	449.2	434.8	425.3	418.0	413.4	410.5	405.6	403.9	400.7	400.2
47.5°	438.9	419.6	405.5	397.8	391.3	387.5	383.0	378.1	376.2	374.5	374.4
50°	416.3	398.6	385.4	378.0	371.9	366.5	361.9	358.7	357.4	357.4	358.3
52.5°	393.2	378.2	367.0	358.0	352.1	346.4	342.2	340.2	338.3	340.3	341.8
55°	359.5	344.3	336.0	327.4	321.7	315.1	313.1	312.2	311.0	314.3	315.9
57.5°	323.8	313.1	303.5	294.9	289.8	286.0	283.2	282.7	284.9	286.5	291.9
60°	301.1	288.8	280.1	273.5	267.4	264.9	264.1	263.2	264.9	269.4	276.4
62.5°	276.1	266.1	256.7	251.8	247.3	243.2	243.0	243.5	246.8	252.0	259.0
65°	239.4	230.8	224.6	218.8	215.2	212.7	213.5	215.2	218.8	225.9	233.6
67.5°	202.2	196.2	190.7	186.0	182.4	182.4	183.3	185.8	190.1	198.2	205.3
70°	178.1	171.5	167.0	164.9	162.1	160.4	162.9	167.0	170.7	178.1	184.3
72.5°	154.1	148.5	145.0	143.5	142.4	141.0	141.8	146.2	151.3	158.7	165.9
75°	118.4	116.4	113.9	112.3	111.1	111.9	112.7	116.8	121.0	128.7	137.0
77.5°	86.4	84.3	82.9	82.5	81.8	82.1	84.5	87.5	91.6	97.3	103.5
80°	65.4	64.6	63.8	63.4	63.4	63.8	67.0	69.1	72.8	78.2	83.1
82.5°	47.6	47.1	47.0	46.9	47.2	47.3	49.3	52.0	55.1	59.1	63.4
85°	25.1	24.2	25.5	25.9	25.1	26.3	27.2	28.8	30.0	32.1	34.1
87.5°	9.7	10.7	10.6	11.2	11.6	12.5	12.4	13.9	14.7	15.6	15.4
90°	7.4	9.0	10.5	11.9	13.3	14.7	15.8	16.8	17.8	18.9	19.6
92.5°	9.6	9.7	10.9	12.2	13.5	14.7	15.8	16.8	17.8	18.9	19.5
95°	50.0	45.9	38.0	30.3	22.5	14.7	15.8	16.8	17.8	18.9	19.3
97.5°	114.0	106.9	91.4	76.0	60.7	45.3	39.5	33.7	28.0	22.2	19.3
100°	156.2	156.9	157.7	158.6	159.4	160.2	129.7	99.3	68.8	38.3	22.6
102.5°	201.8	202.4	202.9	203.4	203.9	204.4	198.6	192.8	187.1	181.3	171.5
105°	273.9	274.3	274.3	274.3	274.3	274.3	274.3	274.3	274.3	274.3	274.3
107.5°	345.5	345.6	346.0	346.4	346.9	347.3	347.3	347.4	347.4	347.5	347.1
110°	394.0	394.3	394.7	395.1	395.5	395.9	395.3	394.7	394.0	393.4	393.2



TEST NUMBER: P333241-927

CATALOG NUMBER: S125DIP-S850D1205U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	441.6	442.0	442.3	442.5	442.8	443.0	442.3	441.5	440.7	439.9	439.3
115°	512.3	512.9	513.1	513.3	513.5	513.7	512.9	512.1	511.3	510.5	509.5
117.5°	578.9	579.3	580.1	580.8	581.6	582.4	581.4	580.3	579.2	578.1	577.3
120°	622.5	622.7	623.3	623.9	624.5	625.1	624.7	624.3	623.9	623.5	622.8
122.5°	665.4	666.0	666.2	666.5	666.9	667.1	666.7	666.3	665.9	665.5	664.6
125°	728.4	729.1	729.1	729.1	729.1	729.1	728.3	727.5	726.7	725.9	725.2
127.5°	784.4	784.9	784.7	784.7	784.5	784.4	783.9	783.5	783.1	782.6	781.6
130°	819.8	820.4	820.6	820.9	821.0	821.3	820.6	820.0	819.4	818.8	817.9
132.5°	855.8	856.2	855.7	855.2	854.8	854.4	854.3	854.1	854.0	853.9	853.3
135°	906.3	906.7	906.3	905.9	905.4	905.0	904.6	904.2	903.8	903.4	902.5
137.5°	951.8	952.1	951.8	951.4	951.0	950.7	950.8	950.9	950.9	951.0	950.5
140°	979.4	979.5	979.3	979.1	978.9	978.7	979.1	979.5	979.9	980.3	979.9
142.5°	1006.0	1006.2	1006.5	1006.8	1007.1	1007.4	1007.5	1007.6	1007.7	1007.7	1007.2
145°	1046.6	1046.8	1046.8	1046.8	1046.8	1046.8	1047.0	1047.2	1047.4	1047.6	1047.1
147.5°	1079.6	1079.7	1079.9	1080.1	1080.5	1080.7	1080.9	1081.2	1081.4	1081.6	1081.0
150°	1100.4	1100.4	1100.8	1101.2	1101.6	1102.0	1102.4	1102.9	1103.3	1103.7	1103.0
152.5°	1119.7	1119.5	1120.0	1120.4	1120.8	1121.2	1121.6	1122.0	1122.4	1122.8	1122.3
155°	1145.9	1145.5	1145.9	1146.3	1146.8	1147.2	1147.8	1148.3	1149.0	1149.6	1149.1
157.5°	1169.0	1168.7	1168.8	1168.8	1168.9	1168.9	1169.5	1170.2	1170.8	1171.5	1171.0
160°	1181.9	1181.3	1181.5	1181.7	1181.9	1182.1	1183.0	1183.8	1184.6	1185.4	1185.0
162.5°	1193.6	1193.1	1193.3	1193.5	1193.7	1193.9	1195.1	1196.2	1197.4	1198.5	1198.2
165°	1209.4	1208.9	1209.1	1209.3	1209.5	1209.7	1211.0	1212.2	1213.5	1214.7	1214.4
167.5°	1221.1	1220.5	1220.8	1220.9	1221.1	1221.4	1222.8	1224.3	1225.7	1227.2	1227.1
170°	1227.0	1226.5	1226.6	1226.9	1227.0	1227.2	1228.9	1230.5	1232.2	1233.8	1233.7
172.5°	1231.4	1230.9	1231.3	1231.7	1232.0	1232.4	1233.9	1235.3	1236.8	1238.3	1238.1
175°	1237.1	1236.5	1236.8	1237.0	1237.2	1237.4	1239.0	1240.6	1242.3	1243.9	1243.8
177.5°	1240.2	1239.8	1240.0	1240.2	1240.3	1240.5	1241.7	1242.8	1244.0	1245.1	1245.0
180°	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0



TEST NUMBER: P333241-927

CATALOG NUMBER: S125DIP-S850D1205U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2
2.5°	923.4	925.7	923.7	926.4	923.7	925.7	923.4	925.3	928.4	926.4	931.0
5°	851.0	847.4	849.9	848.2	849.9	847.4	851.0	853.1	858.1	859.7	863.0
7.5°	784.3	780.7	776.7	774.8	776.7	780.7	784.3	785.5	789.7	795.9	800.6
10°	742.5	737.9	737.5	734.7	737.5	737.9	742.5	747.0	749.9	757.7	763.0
12.5°	711.9	707.7	703.0	701.8	703.0	707.7	711.9	715.7	716.6	725.5	729.1
15°	668.4	665.1	662.3	664.7	662.3	665.1	668.4	670.9	675.4	681.6	685.7
17.5°	632.3	629.6	629.1	626.1	629.1	629.6	632.3	633.7	641.1	645.2	652.2
20°	609.6	607.5	608.4	603.0	608.4	607.5	609.6	613.3	620.8	622.8	630.2
22.5°	591.5	587.5	587.0	585.9	587.0	587.5	591.5	594.8	596.4	602.7	607.8
25°	563.2	561.1	559.0	561.1	559.0	561.1	563.2	566.8	568.5	573.0	578.0
27.5°	538.4	535.9	535.4	535.6	535.4	535.9	538.4	538.1	542.5	546.1	549.7
30°	523.2	519.1	519.5	519.1	519.5	519.1	523.2	523.2	525.7	529.0	532.3
32.5°	506.8	504.0	503.4	502.6	503.4	504.0	506.8	506.1	509.2	513.2	516.8
35°	482.5	482.5	480.5	480.5	480.5	482.5	482.5	483.7	487.0	487.0	491.2
37.5°	459.7	459.3	458.0	458.3	458.0	459.3	459.7	460.7	461.8	463.6	466.2
40°	442.6	442.2	440.9	438.5	440.9	442.2	442.6	444.3	445.0	447.1	448.8
42.5°	426.1	424.8	424.2	423.3	424.2	424.8	426.1	427.1	427.6	430.3	433.6
45°	400.2	400.2	399.4	399.0	399.4	400.2	400.2	400.2	400.7	403.9	405.6
47.5°	375.1	375.8	377.4	377.2	377.4	375.8	375.1	374.4	374.5	376.2	378.1
50°	359.9	360.4	361.6	361.9	361.6	360.4	359.9	358.3	357.4	357.4	358.7
52.5°	343.2	345.5	347.1	346.8	347.1	345.5	343.2	341.8	340.3	338.3	340.2
55°	319.6	322.5	325.3	325.8	325.3	322.5	319.6	315.9	314.3	311.0	312.2
57.5°	296.4	300.4	303.4	304.4	303.4	300.4	296.4	291.9	286.5	284.9	282.7
60°	280.5	285.9	289.6	291.2	289.6	285.9	280.5	276.4	269.4	264.9	263.2
62.5°	265.4	271.4	275.1	275.4	275.1	271.4	265.4	259.0	252.0	246.8	243.5
65°	240.7	246.8	250.1	252.5	250.1	246.8	240.7	233.6	225.9	218.8	215.2
67.5°	214.0	220.1	223.8	225.8	223.8	220.1	214.0	205.3	198.2	190.1	185.8
70°	194.6	200.7	205.7	207.3	205.7	200.7	194.6	184.3	178.1	170.7	167.0
72.5°	175.5	181.0	185.0	186.9	185.0	181.0	175.5	165.9	158.7	151.3	146.2
75°	142.4	149.7	153.4	155.5	153.4	149.7	142.4	137.0	128.7	121.0	116.8
77.5°	109.7	116.5	118.7	119.8	118.7	116.5	109.7	103.5	97.3	91.6	87.5
80°	88.0	92.1	95.0	95.5	95.0	92.1	88.0	83.1	78.2	72.8	69.1
82.5°	67.7	71.1	72.0	73.0	72.0	71.1	67.7	63.4	59.1	55.1	52.0
85°	37.0	38.7	39.1	38.7	39.1	38.7	37.0	34.1	32.1	30.0	28.8
87.5°	16.2	16.0	16.2	17.0	16.2	16.0	16.2	15.4	15.6	14.7	13.9
90°	20.3	20.8	21.5	22.1	21.5	20.8	20.3	19.6	18.9	17.8	16.8
92.5°	19.7	20.0	20.4	20.6	20.4	20.0	19.7	19.5	18.9	17.8	16.8
95°	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	18.9	17.8	16.8
97.5°	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	22.2	28.0	33.7
100°	21.8	21.0	20.1	19.3	20.1	21.0	21.8	22.6	38.3	68.8	99.3
102.5°	157.6	143.6	129.8	115.8	129.8	143.6	157.6	171.5	181.3	187.1	192.8
105°	274.0	273.9	273.6	273.5	273.6	273.9	274.0	274.3	274.3	274.3	274.3
107.5°	346.5	345.9	345.3	344.7	345.3	345.9	346.5	347.1	347.5	347.4	347.4
110°	393.4	393.6	393.9	394.0	393.9	393.6	393.4	393.2	393.4	394.0	394.7



TEST NUMBER: P333241-927

CATALOG NUMBER: S125DIP-S850D1205U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	439.1	438.8	438.6	438.2	438.6	438.8	439.1	439.3	439.9	440.7	441.5
115°	508.2	507.0	505.7	504.5	505.7	507.0	508.2	509.5	510.5	511.3	512.1
117.5°	576.8	576.3	575.8	575.2	575.8	576.3	576.8	577.3	578.1	579.2	580.3
120°	621.8	620.8	619.7	618.7	619.7	620.8	621.8	622.8	623.5	623.9	624.3
122.5°	663.5	662.3	661.2	660.0	661.2	662.3	663.5	664.6	665.5	665.9	666.3
125°	724.5	724.0	723.3	722.7	723.3	724.0	724.5	725.2	725.9	726.7	727.5
127.5°	780.1	778.6	777.1	775.5	777.1	778.6	780.1	781.6	782.6	783.1	783.5
130°	816.9	815.9	814.9	813.9	814.9	815.9	816.9	817.9	818.8	819.4	820.0
132.5°	852.3	851.3	850.2	849.2	850.2	851.3	852.3	853.3	853.9	854.0	854.1
135°	901.3	900.1	898.9	897.6	898.9	900.1	901.3	902.5	903.4	903.8	904.2
137.5°	949.4	948.4	947.3	946.3	947.3	948.4	949.4	950.5	951.0	950.9	950.9
140°	978.7	977.5	976.2	975.0	976.2	977.5	978.7	979.9	980.3	979.9	979.5
142.5°	1005.9	1004.7	1003.5	1002.3	1003.5	1004.7	1005.9	1007.2	1007.7	1007.7	1007.6
145°	1045.8	1044.7	1043.4	1042.2	1043.4	1044.7	1045.8	1047.1	1047.6	1047.4	1047.2
147.5°	1079.6	1078.1	1076.7	1075.1	1076.7	1078.1	1079.6	1081.0	1081.6	1081.4	1081.2
150°	1101.5	1099.8	1098.1	1096.5	1098.1	1099.8	1101.5	1103.0	1103.7	1103.3	1102.9
152.5°	1120.8	1119.4	1117.8	1116.4	1117.8	1119.4	1120.8	1122.3	1122.8	1122.4	1122.0
155°	1147.5	1145.8	1144.1	1142.6	1144.1	1145.8	1147.5	1149.1	1149.6	1149.0	1148.3
157.5°	1169.3	1167.8	1166.1	1164.4	1166.1	1167.8	1169.3	1171.0	1171.5	1170.8	1170.2
160°	1183.4	1181.7	1180.1	1178.5	1180.1	1181.7	1183.4	1185.0	1185.4	1184.6	1183.8
162.5°	1196.4	1194.5	1192.8	1191.0	1192.8	1194.5	1196.4	1198.2	1198.5	1197.4	1196.2
165°	1212.8	1211.2	1209.5	1207.9	1209.5	1211.2	1212.8	1214.4	1214.7	1213.5	1212.2
167.5°	1225.2	1223.4	1221.5	1219.7	1221.5	1223.4	1225.2	1227.1	1227.2	1225.7	1224.3
170°	1231.8	1230.0	1228.2	1226.3	1228.2	1230.0	1231.8	1233.7	1233.8	1232.2	1230.5
172.5°	1236.3	1234.5	1232.6	1230.7	1232.6	1234.5	1236.3	1238.1	1238.3	1236.8	1235.3
175°	1242.0	1240.2	1238.3	1236.4	1238.3	1240.2	1242.0	1243.8	1243.9	1242.3	1240.6
177.5°	1243.7	1242.4	1241.0	1239.8	1241.0	1242.4	1243.7	1245.0	1245.1	1244.0	1242.8
180°	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0



TEST NUMBER: P333241-927

CATALOG NUMBER: S125DIP-S850D1205U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2
2.5°	926.7	930.7	935.6	939.2	945.8	948.7	952.4	955.3	960.6	965.5	971.5
5°	864.3	871.2	880.7	891.0	902.9	911.2	922.7	929.6	943.6	956.4	968.7
7.5°	807.6	816.2	829.6	842.8	858.4	872.5	886.9	902.9	920.8	941.8	959.3
10°	768.8	780.3	794.7	811.2	830.1	846.5	865.9	883.1	905.0	929.6	952.7
12.5°	737.8	747.7	763.8	779.6	799.8	819.9	839.9	862.8	888.2	915.5	944.4
15°	695.1	703.4	716.5	738.4	758.9	778.7	808.7	830.1	862.2	892.6	927.6
17.5°	658.7	668.9	680.0	698.7	720.0	744.7	771.5	798.4	829.3	867.8	907.3
20°	636.4	644.6	657.4	671.7	694.3	719.1	744.6	771.7	809.5	849.5	891.8
22.5°	612.0	620.9	635.3	651.0	670.0	693.7	721.8	751.6	791.1	830.4	876.3
25°	583.3	589.5	602.6	616.6	635.6	655.7	684.9	717.8	756.9	801.7	848.6
27.5°	556.2	561.7	573.7	585.8	602.9	626.9	653.0	686.2	723.0	768.5	820.5
30°	536.8	542.6	553.3	566.4	582.9	603.9	630.6	661.9	701.3	745.8	800.1
32.5°	520.0	525.1	533.2	546.4	562.4	582.8	607.5	639.4	679.0	724.1	777.4
35°	494.0	499.8	506.0	516.3	530.2	549.9	577.1	607.1	645.0	688.6	737.5
37.5°	468.2	474.4	480.0	489.2	501.9	519.4	542.8	574.1	608.3	650.3	697.3
40°	452.1	457.0	461.5	471.4	484.2	500.6	522.4	550.4	586.6	625.7	664.7
42.5°	435.9	440.5	444.4	453.0	464.8	480.5	501.4	528.6	562.2	598.7	633.1
45°	410.5	413.4	418.0	425.3	434.8	449.2	469.4	493.6	522.0	556.6	582.5
47.5°	383.0	387.5	391.3	397.8	405.5	419.6	438.9	459.6	485.4	511.0	529.3
50°	361.9	366.5	371.9	378.0	385.4	398.6	416.3	437.3	459.1	478.8	494.4
52.5°	342.2	346.4	352.1	358.0	367.0	378.2	393.2	411.9	433.4	447.6	460.6
55°	313.1	315.1	321.7	327.4	336.0	344.3	359.5	376.0	389.1	399.8	410.5
57.5°	283.2	286.0	289.8	294.9	303.5	313.1	323.8	338.3	346.1	351.6	359.9
60°	264.1	264.9	267.4	273.5	280.1	288.8	301.1	311.4	317.1	321.7	328.7
62.5°	243.0	243.2	247.3	251.8	256.7	266.1	276.1	284.4	289.1	291.4	298.1
65°	213.5	212.7	215.2	218.8	224.6	230.8	239.4	246.8	246.4	248.8	252.9
67.5°	183.3	182.4	182.4	186.0	190.7	196.2	202.2	206.4	206.5	209.8	211.8
70°	162.9	160.4	162.1	164.9	167.0	171.5	178.1	179.7	180.1	181.8	183.9
72.5°	141.8	141.0	142.4	143.5	145.0	148.5	154.1	155.1	155.2	156.1	159.5
75°	112.7	111.9	111.1	112.3	113.9	116.4	118.4	120.1	119.7	120.1	122.6
77.5°	84.5	82.1	81.8	82.5	82.9	84.3	86.4	86.3	86.7	86.7	89.4
80°	67.0	63.8	63.4	63.4	63.8	64.6	65.4	66.2	65.0	66.2	67.0
82.5°	49.3	47.3	47.2	46.9	47.0	47.1	47.6	48.2	47.8	48.5	49.0
85°	27.2	26.3	25.1	25.9	25.5	24.2	25.1	23.8	23.4	23.8	24.2
87.5°	12.4	12.5	11.6	11.2	10.6	10.7	9.7	9.0	8.4	8.4	9.0
90°	15.8	14.7	13.3	11.9	10.5	9.0	7.4	5.9	4.2	2.5	1.0
92.5°	15.8	14.7	13.5	12.2	10.9	9.7	9.6	10.8	11.9	13.1	14.2
95°	15.8	14.7	22.5	30.3	38.0	45.9	50.0	50.6	51.3	51.9	52.4
97.5°	39.5	45.3	60.7	76.0	91.4	106.9	114.0	112.9	111.8	110.7	109.6
100°	129.7	160.2	159.4	158.6	157.7	156.9	156.2	155.6	155.0	154.4	153.8
102.5°	198.6	204.4	203.9	203.4	202.9	202.4	201.8	201.0	200.3	199.5	198.7
105°	274.3	274.3	274.3	274.3	274.3	274.3	273.9	273.1	272.3	271.5	270.7
107.5°	347.3	347.3	346.9	346.4	346.0	345.6	345.5	345.5	345.5	345.5	345.5
110°	395.3	395.9	395.5	395.1	394.7	394.3	394.0	394.0	394.0	394.0	394.0



TEST NUMBER: P333241-927

CATALOG NUMBER: S125DIP-S850D1205U927-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	442.3	443.0	442.8	442.5	442.3	442.0	441.6	441.2	440.7	440.2	439.7
115°	512.9	513.7	513.5	513.3	513.1	512.9	512.3	511.3	510.2	509.2	508.2
117.5°	581.4	582.4	581.6	580.8	580.1	579.3	578.9	579.0	579.0	579.1	579.1
120°	624.7	625.1	624.5	623.9	623.3	622.7	622.5	622.7	622.9	623.1	623.3
122.5°	666.7	667.1	666.9	666.5	666.2	666.0	665.4	664.6	663.8	663.1	662.3
125°	728.3	729.1	729.1	729.1	729.1	729.1	728.4	727.0	725.6	724.1	722.7
127.5°	783.9	784.4	784.5	784.7	784.7	784.9	784.4	783.4	782.4	781.4	780.4
130°	820.6	821.3	821.0	820.9	820.6	820.4	819.8	818.8	817.8	816.7	815.7
132.5°	854.3	854.4	854.8	855.2	855.7	856.2	855.8	854.6	853.4	852.2	851.0
135°	904.6	905.0	905.4	905.9	906.3	906.7	906.3	905.0	903.8	902.5	901.3
137.5°	950.8	950.7	951.0	951.4	951.8	952.1	951.8	950.7	949.7	948.6	947.5
140°	979.1	978.7	978.9	979.1	979.3	979.5	979.4	979.0	978.6	978.2	977.7
142.5°	1007.5	1007.4	1007.1	1006.8	1006.5	1006.2	1006.0	1005.8	1005.5	1005.2	1005.0
145°	1047.0	1046.8	1046.8	1046.8	1046.8	1046.8	1046.6	1046.2	1045.8	1045.4	1045.0
147.5°	1080.9	1080.7	1080.5	1080.1	1079.9	1079.7	1079.6	1079.7	1079.7	1079.8	1079.9
150°	1102.4	1102.0	1101.6	1101.2	1100.8	1100.4	1100.4	1100.8	1101.2	1101.6	1102.0
152.5°	1121.6	1121.2	1120.8	1120.4	1120.0	1119.5	1119.7	1120.7	1121.6	1122.5	1123.4
155°	1147.8	1147.2	1146.8	1146.3	1145.9	1145.5	1145.9	1147.2	1148.3	1149.6	1150.8
157.5°	1169.5	1168.9	1168.9	1168.8	1168.8	1168.7	1169.0	1169.8	1170.5	1171.2	1172.0
160°	1183.0	1182.1	1181.9	1181.7	1181.5	1181.3	1181.9	1183.0	1184.3	1185.5	1186.8
162.5°	1195.1	1193.9	1193.7	1193.5	1193.3	1193.1	1193.6	1194.8	1196.0	1197.3	1198.5
165°	1211.0	1209.7	1209.5	1209.3	1209.1	1208.9	1209.4	1210.7	1211.9	1213.1	1214.3
167.5°	1222.8	1221.4	1221.1	1220.9	1220.8	1220.5	1221.1	1222.3	1223.6	1224.9	1226.1
170°	1228.9	1227.2	1227.0	1226.9	1226.6	1226.5	1227.0	1228.4	1229.9	1231.4	1232.8
172.5°	1233.9	1232.4	1232.0	1231.7	1231.3	1230.9	1231.4	1232.9	1234.3	1235.7	1237.2
175°	1239.0	1237.4	1237.2	1237.0	1236.8	1236.5	1237.1	1238.3	1239.5	1240.7	1242.0
177.5°	1241.7	1240.5	1240.3	1240.2	1240.0	1239.8	1240.2	1241.3	1242.2	1243.2	1244.2
180°	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0



TEST NUMBER: P333241-927

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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2	969.2
2.5°	974.4	979.0	982.0	987.5	992.1	994.8	997.1	999.1	1001.4	1003.4	1008.9
5°	980.6	991.3	1000.4	1014.4	1027.1	1037.0	1047.7	1057.2	1065.0	1076.1	1084.7
7.5°	977.9	997.0	1016.8	1038.5	1060.6	1081.2	1100.1	1117.8	1133.9	1153.3	1170.3
10°	975.3	1001.2	1026.7	1055.9	1085.9	1111.4	1135.3	1159.6	1177.3	1202.0	1222.9
12.5°	973.4	1003.9	1034.6	1069.8	1102.7	1138.8	1170.5	1188.2	1215.1	1234.9	1259.8
15°	965.0	1005.4	1047.7	1087.2	1134.1	1167.4	1195.4	1229.9	1255.0	1280.1	1307.3
17.5°	950.1	995.8	1043.1	1095.0	1140.0	1175.7	1211.7	1245.1	1275.0	1308.7	1342.4
20°	943.3	988.9	1043.1	1096.2	1140.3	1177.7	1214.7	1251.3	1284.2	1327.4	1366.5
22.5°	928.8	984.0	1034.0	1085.7	1131.0	1171.8	1213.7	1255.3	1299.0	1347.8	1396.8
25°	902.9	958.9	1011.9	1063.0	1108.6	1159.6	1204.4	1260.0	1315.9	1380.5	1441.4
27.5°	876.1	929.6	978.3	1027.5	1080.8	1138.5	1196.7	1259.7	1332.9	1414.4	1500.3
30°	854.4	905.0	952.3	1002.8	1058.4	1123.4	1187.2	1262.0	1346.7	1438.4	1540.5
32.5°	829.0	875.7	921.6	975.3	1035.7	1104.3	1178.6	1260.7	1362.6	1466.8	1571.8
35°	785.7	824.7	872.0	929.2	997.5	1076.1	1162.1	1259.1	1375.9	1495.6	1584.1
37.5°	734.3	770.6	820.5	883.1	954.7	1039.0	1141.1	1256.2	1380.3	1475.8	1504.3
40°	699.7	733.4	785.3	850.2	923.4	1012.7	1124.6	1246.3	1366.5	1427.4	1403.9
42.5°	662.8	698.2	748.7	813.1	891.9	989.0	1103.9	1225.7	1326.4	1349.4	1268.4
45°	604.7	641.3	691.0	756.1	840.8	946.1	1065.8	1176.5	1234.5	1192.9	1067.5
47.5°	550.6	584.9	631.1	698.2	785.6	894.5	1009.8	1098.0	1102.6	1003.5	869.5
50°	513.8	545.4	591.9	658.9	745.8	856.0	960.0	1029.6	998.3	886.1	757.2
52.5°	477.6	508.6	554.4	620.8	706.6	807.6	904.4	953.2	894.4	779.1	669.1
55°	425.3	452.5	497.3	558.6	640.1	733.9	816.1	833.0	756.5	642.9	553.7
57.5°	374.3	399.7	440.5	496.9	571.3	654.4	718.7	715.2	634.3	536.9	466.0
60°	339.8	364.5	400.7	455.7	523.6	595.2	650.3	637.2	557.0	473.0	413.4
62.5°	308.9	330.9	365.1	413.3	475.2	541.6	586.8	567.4	488.9	415.4	368.3
65°	263.2	281.8	311.0	352.1	403.5	458.3	493.2	468.1	401.1	343.9	306.0
67.5°	219.8	234.6	259.0	291.9	335.7	379.7	401.0	375.7	322.1	280.4	252.3
70°	192.1	205.3	224.2	253.4	291.7	328.7	344.7	322.1	276.0	240.2	220.1
72.5°	164.5	175.3	191.9	218.2	248.8	281.0	295.0	273.4	235.5	205.3	186.5
75°	127.1	134.5	146.0	164.1	188.4	213.9	221.7	202.8	178.6	155.9	143.5
77.5°	91.0	97.3	106.0	117.4	134.6	150.8	157.6	146.7	127.9	113.6	103.5
80°	69.9	73.2	80.6	90.1	103.7	113.9	118.4	111.5	98.3	87.6	79.8
82.5°	49.8	53.2	57.6	65.4	74.1	81.0	85.9	81.2	71.7	63.3	58.7
85°	24.2	26.3	28.8	32.1	38.7	42.8	42.4	39.5	35.8	32.5	30.0
87.5°	9.0	9.7	11.0	13.0	14.3	15.9	16.9	16.5	15.4	14.7	13.9
90°	2.5	4.2	5.9	7.4	9.0	10.5	11.9	13.3	14.7	15.8	16.8
92.5°	13.1	11.9	10.8	9.6	9.7	10.9	12.2	13.5	14.7	15.8	16.8
95°	51.9	51.3	50.6	50.0	45.9	38.0	30.3	22.5	14.7	15.8	16.8
97.5°	110.7	111.8	112.9	114.0	106.9	91.4	76.0	60.7	45.3	39.5	33.7
100°	154.4	155.0	155.6	156.2	156.9	157.7	158.6	159.4	160.2	129.7	99.3
102.5°	199.5	200.3	201.0	201.8	202.4	202.9	203.4	203.9	204.4	198.6	192.8
105°	271.5	272.3	273.1	273.9	274.3	274.3	274.3	274.3	274.3	274.3	274.3
107.5°	345.5	345.5	345.5	345.5	345.6	346.0	346.4	346.9	347.3	347.3	347.4
110°	394.0	394.0	394.0	394.0	394.3	394.7	395.1	395.5	395.9	395.3	394.7





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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	440.2	440.7	441.2	441.6	442.0	442.3	442.5	442.8	443.0	442.3	441.5
115°	509.2	510.2	511.3	512.3	512.9	513.1	513.3	513.5	513.7	512.9	512.1
117.5°	579.1	579.0	579.0	578.9	579.3	580.1	580.8	581.6	582.4	581.4	580.3
120°	623.1	622.9	622.7	622.5	622.7	623.3	623.9	624.5	625.1	624.7	624.3
122.5°	663.1	663.8	664.6	665.4	666.0	666.2	666.5	666.9	667.1	666.7	666.3
125°	724.1	725.6	727.0	728.4	729.1	729.1	729.1	729.1	729.1	728.3	727.5
127.5°	781.4	782.4	783.4	784.4	784.9	784.7	784.7	784.5	784.4	783.9	783.5
130°	816.7	817.8	818.8	819.8	820.4	820.6	820.9	821.0	821.3	820.6	820.0
132.5°	852.2	853.4	854.6	855.8	856.2	855.7	855.2	854.8	854.4	854.3	854.1
135°	902.5	903.8	905.0	906.3	906.7	906.3	905.9	905.4	905.0	904.6	904.2
137.5°	948.6	949.7	950.7	951.8	952.1	951.8	951.4	951.0	950.7	950.8	950.9
140°	978.2	978.6	979.0	979.4	979.5	979.3	979.1	978.9	978.7	979.1	979.5
142.5°	1005.2	1005.5	1005.8	1006.0	1006.2	1006.5	1006.8	1007.1	1007.4	1007.5	1007.6
145°	1045.4	1045.8	1046.2	1046.6	1046.8	1046.8	1046.8	1046.8	1046.8	1047.0	1047.2
147.5°	1079.8	1079.7	1079.7	1079.6	1079.7	1079.9	1080.1	1080.5	1080.7	1080.9	1081.2
150°	1101.6	1101.2	1100.8	1100.4	1100.4	1100.8	1101.2	1101.6	1102.0	1102.4	1102.9
152.5°	1122.5	1121.6	1120.7	1119.7	1119.5	1120.0	1120.4	1120.8	1121.2	1121.6	1122.0
155°	1149.6	1148.3	1147.2	1145.9	1145.5	1145.9	1146.3	1146.8	1147.2	1147.8	1148.3
157.5°	1171.2	1170.5	1169.8	1169.0	1168.7	1168.8	1168.8	1168.9	1168.9	1169.5	1170.2
160°	1185.5	1184.3	1183.0	1181.9	1181.3	1181.5	1181.7	1181.9	1182.1	1183.0	1183.8
162.5°	1197.3	1196.0	1194.8	1193.6	1193.1	1193.3	1193.5	1193.7	1193.9	1195.1	1196.2
165°	1213.1	1211.9	1210.7	1209.4	1208.9	1209.1	1209.3	1209.5	1209.7	1211.0	1212.2
167.5°	1224.9	1223.6	1222.3	1221.1	1220.5	1220.8	1220.9	1221.1	1221.4	1222.8	1224.3
170°	1231.4	1229.9	1228.4	1227.0	1226.5	1226.6	1226.9	1227.0	1227.2	1228.9	1230.5
172.5°	1235.7	1234.3	1232.9	1231.4	1230.9	1231.3	1231.7	1232.0	1232.4	1233.9	1235.3
175°	1240.7	1239.5	1238.3	1237.1	1236.5	1236.8	1237.0	1237.2	1237.4	1239.0	1240.6
177.5°	1243.2	1242.2	1241.3	1240.2	1239.8	1240.0	1240.2	1240.3	1240.5	1241.7	1242.8
180°	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	969.2	969.2	969.2	969.2	969.2	969.2	969.2
2.5°	1013.5	1016.2	1021.8	1019.8	1022.5	1023.7	1025.1
5°	1095.4	1108.6	1114.4	1113.5	1122.1	1120.1	1118.0
7.5°	1187.9	1201.7	1209.4	1219.1	1224.6	1225.0	1229.9
10°	1240.2	1258.3	1265.7	1276.0	1282.5	1286.3	1285.9
12.5°	1280.3	1294.5	1311.1	1316.1	1325.0	1329.7	1328.0
15°	1328.6	1351.3	1368.6	1377.2	1388.3	1391.5	1396.1
17.5°	1371.7	1402.1	1422.3	1449.1	1459.2	1465.4	1461.7
20°	1404.3	1444.2	1464.4	1496.5	1514.2	1523.6	1520.4
22.5°	1442.8	1486.1	1523.3	1551.1	1578.0	1590.8	1593.4
25°	1508.8	1568.0	1622.8	1659.4	1692.7	1700.5	1717.8
27.5°	1582.5	1652.4	1710.9	1749.4	1772.6	1781.3	1786.7
30°	1629.0	1698.4	1742.5	1767.1	1774.6	1773.7	1772.9
32.5°	1651.6	1695.2	1703.6	1696.7	1679.7	1665.5	1650.5
35°	1619.5	1587.0	1538.4	1475.9	1429.8	1383.4	1378.8
37.5°	1456.5	1352.6	1271.8	1181.5	1129.5	1097.3	1075.1
40°	1303.1	1185.1	1087.2	1011.1	958.0	937.1	916.5
42.5°	1136.6	1023.8	937.2	873.5	833.6	810.3	794.1
45°	923.4	823.9	756.1	710.0	678.3	660.2	649.9
47.5°	756.7	683.1	625.4	592.2	570.3	556.2	556.3
50°	667.2	596.8	558.6	532.3	513.3	502.2	504.3
52.5°	587.9	535.4	502.6	480.6	466.6	459.8	459.5
55°	491.5	453.7	432.3	416.3	406.8	399.0	400.7
57.5°	420.5	388.6	374.2	360.9	354.3	351.2	346.7
60°	376.4	351.7	339.4	328.7	322.1	319.6	315.1
62.5°	337.2	317.8	305.8	297.1	291.1	290.3	286.8
65°	283.4	268.6	257.9	253.8	247.6	246.0	246.0
67.5°	233.6	223.0	214.8	211.0	208.2	208.7	206.7
70°	202.4	193.8	188.4	184.3	182.2	182.6	181.0
72.5°	177.1	167.4	162.7	160.3	157.6	158.6	158.0
75°	134.1	129.1	126.7	124.2	122.6	121.8	121.0
77.5°	98.5	94.1	92.2	90.9	91.1	89.1	90.6
80°	76.1	72.4	71.1	69.1	68.7	68.7	68.3
82.5°	55.7	53.6	52.8	51.0	50.3	50.9	49.8
85°	28.8	27.2	26.8	26.8	25.9	25.1	27.2
87.5°	14.1	13.0	13.2	12.9	13.1	12.8	12.3
90°	17.8	18.9	19.6	20.3	20.8	21.5	22.1
92.5°	17.8	18.9	19.5	19.7	20.0	20.4	20.6
95°	17.8	18.9	19.3	19.3	19.3	19.3	19.3
97.5°	28.0	22.2	19.3	19.3	19.3	19.3	19.3
100°	68.8	38.3	22.6	21.8	21.0	20.1	19.3
102.5°	187.1	181.3	171.5	157.6	143.6	129.8	115.8
105°	274.3	274.3	274.3	274.0	273.9	273.6	273.5
107.5°	347.4	347.5	347.1	346.5	345.9	345.3	344.7
110°	394.0	393.4	393.2	393.4	393.6	393.9	394.0



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	440.7	439.9	439.3	439.1	438.8	438.6	438.2
115°	511.3	510.5	509.5	508.2	507.0	505.7	504.5
117.5°	579.2	578.1	577.3	576.8	576.3	575.8	575.2
120°	623.9	623.5	622.8	621.8	620.8	619.7	618.7
122.5°	665.9	665.5	664.6	663.5	662.3	661.2	660.0
125°	726.7	725.9	725.2	724.5	724.0	723.3	722.7
127.5°	783.1	782.6	781.6	780.1	778.6	777.1	775.5
130°	819.4	818.8	817.9	816.9	815.9	814.9	813.9
132.5°	854.0	853.9	853.3	852.3	851.3	850.2	849.2
135°	903.8	903.4	902.5	901.3	900.1	898.9	897.6
137.5°	950.9	951.0	950.5	949.4	948.4	947.3	946.3
140°	979.9	980.3	979.9	978.7	977.5	976.2	975.0
142.5°	1007.7	1007.7	1007.2	1005.9	1004.7	1003.5	1002.3
145°	1047.4	1047.6	1047.1	1045.8	1044.7	1043.4	1042.2
147.5°	1081.4	1081.6	1081.0	1079.6	1078.1	1076.7	1075.1
150°	1103.3	1103.7	1103.0	1101.5	1099.8	1098.1	1096.5
152.5°	1122.4	1122.8	1122.3	1120.8	1119.4	1117.8	1116.4
155°	1149.0	1149.6	1149.1	1147.5	1145.8	1144.1	1142.6
157.5°	1170.8	1171.5	1171.0	1169.3	1167.8	1166.1	1164.4
160°	1184.6	1185.4	1185.0	1183.4	1181.7	1180.1	1178.5
162.5°	1197.4	1198.5	1198.2	1196.4	1194.5	1192.8	1191.0
165°	1213.5	1214.7	1214.4	1212.8	1211.2	1209.5	1207.9
167.5°	1225.7	1227.2	1227.1	1225.2	1223.4	1221.5	1219.7
170°	1232.2	1233.8	1233.7	1231.8	1230.0	1228.2	1226.3
172.5°	1236.8	1238.3	1238.1	1236.3	1234.5	1232.6	1230.7
175°	1242.3	1243.9	1243.8	1242.0	1240.2	1238.3	1236.4
177.5°	1244.0	1245.1	1245.0	1243.7	1242.4	1241.0	1239.8
180°	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0	1242.0

(END OF REPORT)