

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: P333576-935

Luminaire Tested: **S125RDIP-S850D1205U935-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333576-935  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-19,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S125RDIP-S850D1205U935-4F0-1E-UDD-A4  
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 850 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1205 LUMENS PER FOOT, BATWING OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6545.6 lumens  
Efficiency: N/A  
Efficacy: 115.0 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

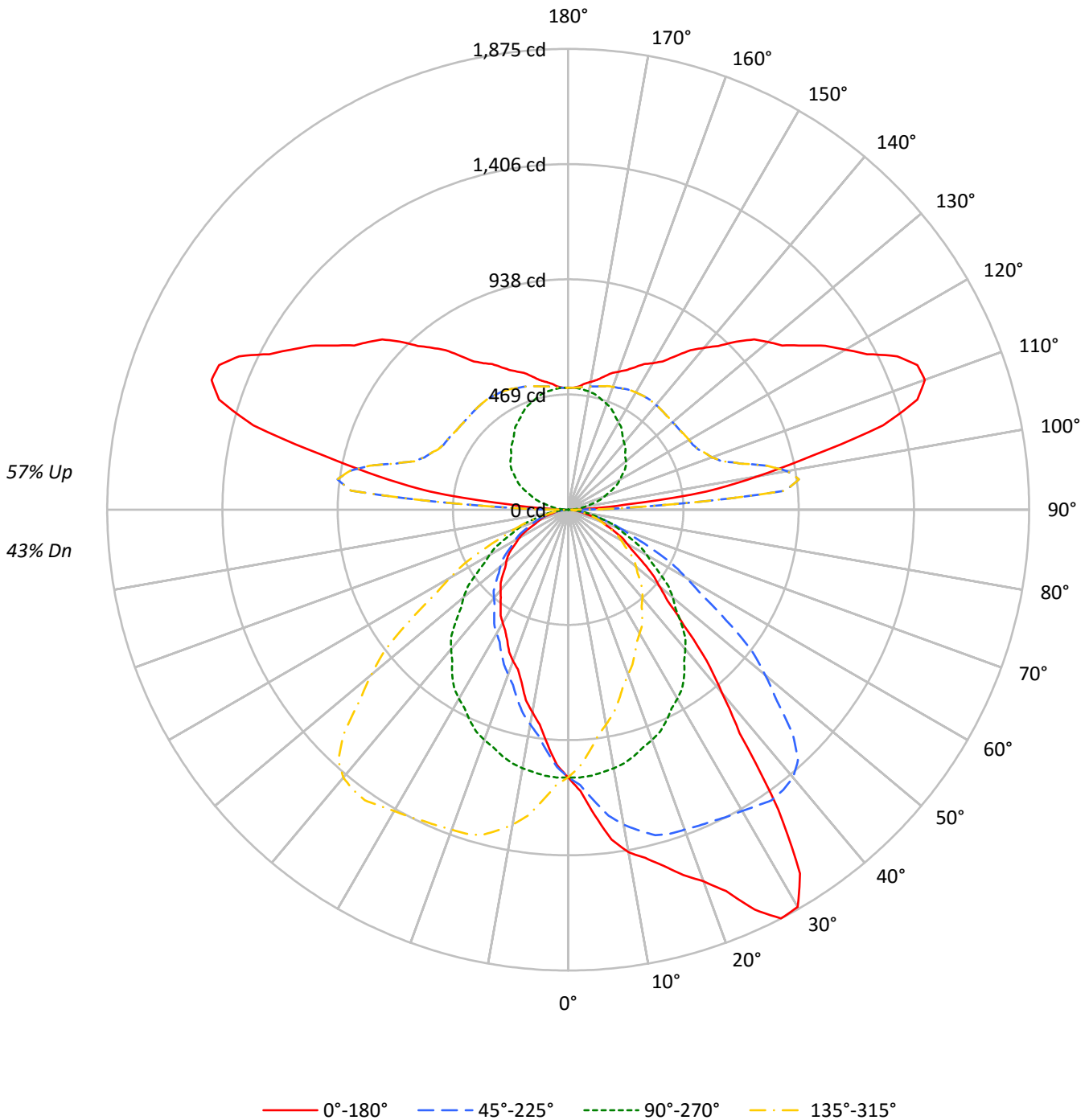
Input Watts (W): 56.9  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P333576-935

CATALOG NUMBER: S125RDIP-S850D1205U935-4F0-1E-UDD-A4

### Luminous Intensity Polar Plot





TEST NUMBER: P333576-935

CATALOG NUMBER: S125RDIP-S850D1205U935-4F0-1E-UDD-A4

**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	96	96	96	96	80	80	80	64	64	64	50	50	50	43
1	97	92	89	85	88	85	82	79	70	68	66	57	55	54	45	44	43	37
2	88	81	75	70	80	74	69	65	62	58	55	50	48	46	40	38	37	32
3	81	72	65	59	74	66	60	55	55	50	47	45	42	39	35	33	31	27
4	74	63	56	50	67	58	52	47	49	44	40	40	36	34	32	29	27	24
5	68	57	49	43	62	52	45	40	44	39	35	36	32	29	29	26	24	21
6	63	51	43	37	57	47	40	35	39	34	30	33	29	26	26	23	21	18
7	58	46	38	33	53	42	36	31	36	31	27	30	26	23	24	21	19	16
8	54	42	34	29	49	39	32	27	33	27	24	27	23	20	22	19	17	14
9	50	38	31	26	46	35	29	24	30	25	21	25	21	18	20	17	15	13
10	47	35	28	23	43	32	26	22	28	22	19	23	19	16	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



TEST NUMBER: P333576-935

CATALOG NUMBER: S125RDIP-S850D1205U935-4F0-1E-UDD-A4

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	104.4	1.6
10°-20°	306.1	4.7
20°-30°	485.3	7.4
30°-40°	585.2	8.9
40°-50°	522.6	8.0
50°-60°	400.8	6.1
60°-70°	260.4	4.0
70°-80°	126.6	1.9
80°-90°	33.0	0.5
90°-100°	359.7	5.5
100°-110°	773.2	11.8
110°-120°	725.6	11.1
120°-130°	588.1	9.0
130°-140°	471.9	7.2
140°-150°	356.1	5.4
150°-160°	250.7	3.8
160°-170°	147.8	2.3
170°-180°	48.1	0.7
0°-30°	895.8	13.7
0°-40°	1481.0	22.6
0°-60°	2404.3	36.7
0°-90°	2824.4	43.1
90°-120°	1858.5	28.4
90°-150°	3274.7	50.0
90°-180°	3721.0	56.8
0°-180°	6545.6	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°	23	1	23	1	23	17
95°	235	33	235	33	235	333
105°	1326	113	1326	113	1326	1318
115°	1477	202	1477	202	1477	1443
125°	1164	280	1164	280	1164	1053
135°	966	328	966	328	966	749
145°	762	382	762	382	762	484
155°	639	436	639	436	639	298
165°	560	476	560	476	560	160
175°	503	495	503	495	503	49
180°	496	496	496	496	496	



TEST NUMBER: P333576-935

CATALOG NUMBER: S125RDIP-S850D1205U935-4F0-1E-UDD-A4

**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°	12.5	12.1	11.5	11.5	11.9	12.2	11.7	11.1	10.9	10.7	10.7
90°	23.0	23.0	22.0	22.0	22.0	20.0	19.0	18.0	17.0	16.0	14.0
92.5°	63.8	65.4	66.8	69.2	82.1	96.9	128.6	177.3	261.1	322.5	327.8
95°	235.1	251.2	259.1	289.1	360.2	444.2	567.2	719.3	867.4	886.4	723.3
97.5°	568.3	581.1	610.1	666.1	727.9	844.8	964.7	1071.3	1097.5	946.6	645.9
100°	780.3	796.3	833.4	905.4	974.4	1078.5	1181.6	1230.5	1153.5	903.4	576.3
102.5°	1017.3	1029.2	1069.4	1120.7	1194.6	1265.0	1314.4	1284.2	1119.9	827.3	523.4
105°	1325.6	1337.6	1357.6	1390.6	1422.6	1433.7	1389.7	1252.6	1012.4	725.3	472.2
107.5°	1489.3	1497.3	1503.9	1504.1	1487.9	1435.6	1322.6	1139.7	902.8	655.0	450.6
110°	1543.7	1543.7	1536.7	1517.7	1472.7	1387.6	1246.6	1056.4	840.3	622.2	444.2



TEST NUMBER: P333576-935

CATALOG NUMBER: S125RDIP-S850D1205U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1537.3	1530.1	1512.7	1480.1	1414.2	1314.0	1171.3	990.8	793.9	603.0	444.2
115°	1476.6	1463.6	1435.6	1387.6	1309.6	1200.5	1063.5	908.4	743.3	582.3	447.2
117.5°	1370.4	1362.4	1334.6	1285.0	1206.9	1106.9	988.9	855.1	713.1	572.0	453.8
120°	1301.6	1293.6	1266.5	1218.6	1144.5	1056.4	946.4	826.4	696.3	567.2	460.2
122.5°	1240.8	1233.6	1206.5	1162.5	1096.5	1014.1	916.0	804.8	681.9	563.3	465.8
125°	1163.6	1153.5	1131.5	1090.5	1034.5	962.4	875.4	773.4	662.3	558.3	475.2
127.5°	1097.5	1093.1	1072.3	1036.0	985.2	917.8	836.5	741.3	644.3	555.9	485.8
130°	1061.4	1055.5	1035.4	1002.5	952.4	887.4	809.3	721.3	632.3	554.2	492.2
132.5°	1025.5	1018.6	1000.2	967.2	917.2	854.5	783.8	701.3	622.7	554.2	499.4
135°	966.5	960.4	942.5	909.4	865.4	808.4	744.3	675.3	611.3	554.2	509.2
137.5°	903.4	896.8	880.2	850.2	810.8	762.3	709.1	653.3	601.1	555.4	518.2
140°	859.4	854.4	839.4	813.4	776.4	734.3	688.3	641.3	596.2	556.2	522.2
142.5°	818.6	814.3	800.1	778.2	746.7	710.3	670.7	630.9	592.3	557.1	524.6
145°	762.3	758.4	747.3	730.3	706.3	679.3	648.2	617.3	586.3	556.2	527.3
147.5°	714.7	712.9	706.5	692.9	673.9	653.5	629.6	604.5	580.1	553.6	528.2
150°	688.3	687.3	683.3	671.3	656.3	638.3	619.3	597.3	575.2	551.2	528.2
152.5°	667.5	666.5	662.5	652.9	640.3	626.3	608.9	589.3	569.6	548.0	527.4
155°	639.3	638.3	635.2	628.3	618.3	607.3	593.2	577.2	560.3	542.3	525.2
157.5°	614.1	614.2	611.5	605.6	597.9	589.3	578.4	565.2	551.5	536.2	522.6
160°	597.3	598.3	596.2	591.2	584.3	577.2	567.2	557.2	544.2	532.3	520.2
162.5°	582.0	582.3	581.9	577.6	572.2	566.0	557.7	548.5	537.9	527.4	517.8
165°	560.3	560.3	560.3	558.3	554.2	549.2	543.2	536.2	528.2	520.2	514.2
167.5°	540.3	540.4	541.2	539.4	537.4	533.8	529.3	524.6	518.8	513.2	508.6
170°	528.2	529.3	529.3	528.2	526.2	524.3	521.2	518.2	513.2	509.2	506.3
172.5°	517.0	518.1	519.6	517.8	517.5	516.3	514.0	511.0	507.6	504.5	503.0
175°	503.3	504.2	506.3	505.2	505.2	505.2	503.3	503.3	500.2	499.2	499.2
177.5°	496.2	496.2	498.6	497.8	498.6	498.6	498.6	497.8	497.1	496.2	496.2
180°	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2



TEST NUMBER: P333576-935

CATALOG NUMBER: S125RDIP-S850D1205U935-4F0-1E-UDD-A4

**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°	10.8	10.4	10.6	10.2	9.4	10.8	11.5	11.6	11.1	10.8	10.5
90°	13.0	11.0	10.0	8.0	6.0	4.0	2.0	1.0	2.0	4.0	6.0
92.5°	228.3	136.6	82.1	52.9	35.6	23.2	14.8	12.2	14.8	23.2	35.6
95°	447.2	227.1	120.0	75.0	53.0	42.0	34.0	33.0	34.0	42.0	53.0
97.5°	357.0	195.7	124.8	92.5	72.7	61.6	56.1	54.8	56.1	61.6	72.7
100°	324.2	194.1	136.0	106.1	87.0	76.0	72.1	70.0	72.1	76.0	87.0
102.5°	310.6	201.3	149.6	120.5	103.1	91.3	88.1	86.9	88.1	91.3	103.1
105°	305.1	216.1	172.1	144.0	128.0	118.0	113.0	113.0	113.0	118.0	128.0
107.5°	314.4	238.1	195.4	170.3	153.7	145.4	140.7	138.6	140.7	145.4	153.7
110°	323.1	254.1	213.1	187.1	172.1	163.1	159.1	157.0	159.1	163.1	172.1





TEST NUMBER: P333576-935

CATALOG NUMBER: S125RDIP-S850D1205U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	334.3	269.3	229.9	204.7	189.7	180.6	177.5	175.5	177.5	180.6	189.7
115°	351.1	293.2	256.1	231.1	216.1	207.1	204.1	202.1	204.1	207.1	216.1
117.5°	370.4	317.5	282.5	258.3	241.3	232.3	229.1	226.1	229.1	232.3	241.3
120°	383.1	335.2	300.1	275.1	258.1	249.1	245.1	242.1	245.1	249.1	258.1
122.5°	397.6	352.0	316.9	292.0	273.3	264.3	261.1	258.9	261.1	264.3	273.3
125°	417.2	374.2	341.1	315.1	296.1	287.1	282.1	280.1	282.1	287.1	296.1
127.5°	435.2	395.5	363.8	337.8	317.5	306.2	299.7	296.7	299.7	306.2	317.5
130°	447.2	409.1	378.2	352.1	331.1	318.1	310.1	307.1	310.1	318.1	331.1
132.5°	457.6	422.0	391.0	365.0	343.2	328.6	318.9	315.1	318.9	328.6	343.2
135°	472.2	439.2	408.2	381.2	360.2	344.1	332.2	328.1	332.2	344.1	360.2
137.5°	483.0	451.4	423.2	395.4	374.8	358.8	347.6	344.6	347.6	358.8	374.8
140°	490.3	460.2	431.2	404.2	385.2	369.2	357.1	354.1	357.1	369.2	385.2
142.5°	494.2	465.8	438.4	413.0	394.8	378.8	367.6	365.3	367.6	378.8	394.8
145°	500.2	475.2	449.2	426.2	408.2	394.2	384.2	382.2	384.2	394.2	408.2
147.5°	503.9	481.2	458.4	438.2	422.6	409.6	401.0	399.8	401.0	409.6	422.6
150°	506.3	485.2	463.2	446.2	432.2	419.2	412.2	410.2	412.2	419.2	432.2
152.5°	507.8	489.2	468.8	453.4	440.2	428.8	422.6	421.4	422.6	428.8	440.2
155°	509.2	493.2	476.2	462.2	452.2	442.2	436.2	436.2	436.2	442.2	452.2
157.5°	510.2	496.6	482.0	471.4	462.6	454.0	449.2	449.4	449.2	454.0	462.6
160°	510.2	498.3	485.2	476.2	468.2	461.2	457.2	458.2	457.2	461.2	468.2
162.5°	509.5	499.8	488.4	481.0	474.6	468.4	464.4	465.4	464.4	468.4	474.6
165°	508.2	500.2	492.2	486.2	482.2	477.3	474.2	476.2	474.2	477.3	482.2
167.5°	505.8	500.2	493.6	489.8	487.0	484.2	482.4	483.5	482.4	484.2	487.0
170°	504.2	500.2	495.2	492.2	490.3	488.2	487.2	488.2	487.2	488.2	490.3
172.5°	502.7	499.4	495.2	493.8	492.6	490.6	489.7	491.5	489.7	490.6	492.6
175°	500.2	498.3	495.2	495.2	495.2	494.2	493.2	495.2	493.2	494.2	495.2
177.5°	497.8	497.1	495.4	495.4	496.2	495.4	495.4	497.1	495.4	495.4	496.2
180°	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2



TEST NUMBER: P333576-935

CATALOG NUMBER: S125RDIP-S850D1205U935-4F0-1E-UDD-A4

**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°	10.5	10.9	10.8	11.9	11.0	11.8	12.0	11.8	12.1	12.2	12.3
90°	8.0	10.0	11.0	13.0	14.0	16.0	17.0	18.0	19.0	20.0	22.0
92.5°	52.9	82.1	136.6	228.3	327.8	322.5	261.1	177.3	128.6	96.9	82.1
95°	75.0	120.0	227.1	447.2	723.3	886.4	867.4	719.3	567.2	444.2	360.2
97.5°	92.5	124.8	195.7	357.0	645.9	946.6	1097.5	1071.3	964.7	844.8	727.9
100°	106.1	136.0	194.1	324.2	576.3	903.4	1153.5	1230.5	1181.6	1078.5	974.4
102.5°	120.5	149.6	201.3	310.6	523.4	827.3	1119.9	1284.2	1314.4	1265.0	1194.6
105°	144.0	172.1	216.1	305.1	472.2	725.3	1012.4	1252.6	1389.7	1433.7	1422.6
107.5°	170.3	195.4	238.1	314.4	450.6	655.0	902.8	1139.7	1322.6	1435.6	1487.9
110°	187.1	213.1	254.1	323.1	444.2	622.2	840.3	1056.4	1246.6	1387.6	1472.7



TEST NUMBER: P333576-935

CATALOG NUMBER: S125RDIP-S850D1205U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	204.7	229.9	269.3	334.3	444.2	603.0	793.9	990.8	1171.3	1314.0	1414.2
115°	231.1	256.1	293.2	351.1	447.2	582.3	743.3	908.4	1063.5	1200.5	1309.6
117.5°	258.3	282.5	317.5	370.4	453.8	572.0	713.1	855.1	988.9	1106.9	1206.9
120°	275.1	300.1	335.2	383.1	460.2	567.2	696.3	826.4	946.4	1056.4	1144.5
122.5°	292.0	316.9	352.0	397.6	465.8	563.3	681.9	804.8	916.0	1014.1	1096.5
125°	315.1	341.1	374.2	417.2	475.2	558.3	662.3	773.4	875.4	962.4	1034.5
127.5°	337.8	363.8	395.5	435.2	485.8	555.9	644.3	741.3	836.5	917.8	985.2
130°	352.1	378.2	409.1	447.2	492.2	554.2	632.3	721.3	809.3	887.4	952.4
132.5°	365.0	391.0	422.0	457.6	499.4	554.2	622.7	701.3	783.8	854.5	917.2
135°	381.2	408.2	439.2	472.2	509.2	554.2	611.3	675.3	744.3	808.4	865.4
137.5°	395.4	423.2	451.4	483.0	518.2	555.4	601.1	653.3	709.1	762.3	810.8
140°	404.2	431.2	460.2	490.3	522.2	556.2	596.2	641.3	688.3	734.3	776.4
142.5°	413.0	438.4	465.8	494.2	524.6	557.1	592.3	630.9	670.7	710.3	746.7
145°	426.2	449.2	475.2	500.2	527.3	556.2	586.3	617.3	648.2	679.3	706.3
147.5°	438.2	458.4	481.2	503.9	528.2	553.6	580.1	604.5	629.6	653.5	673.9
150°	446.2	463.2	485.2	506.3	528.2	551.2	575.2	597.3	619.3	638.3	656.3
152.5°	453.4	468.8	489.2	507.8	527.4	548.0	569.6	589.3	608.9	626.3	640.3
155°	462.2	476.2	493.2	509.2	525.2	542.3	560.3	577.2	593.2	607.3	618.3
157.5°	471.4	482.0	496.6	510.2	522.6	536.2	551.5	565.2	578.4	589.3	597.9
160°	476.2	485.2	498.3	510.2	520.2	532.3	544.2	557.2	567.2	577.2	584.3
162.5°	481.0	488.4	499.8	509.5	517.8	527.4	537.9	548.5	557.7	566.0	572.2
165°	486.2	492.2	500.2	508.2	514.2	520.2	528.2	536.2	543.2	549.2	554.2
167.5°	489.8	493.6	500.2	505.8	508.6	513.2	518.8	524.6	529.3	533.8	537.4
170°	492.2	495.2	500.2	504.2	506.3	509.2	513.2	518.2	521.2	524.3	526.2
172.5°	493.8	495.2	499.4	502.7	503.0	504.5	507.6	511.0	514.0	516.3	517.5
175°	495.2	495.2	498.3	500.2	499.2	499.2	500.2	503.3	503.3	505.2	505.2
177.5°	495.4	495.4	497.1	497.8	496.2	496.2	497.1	497.8	498.6	498.6	498.6
180°	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2



TEST NUMBER: P333576-935

CATALOG NUMBER: S125RDIP-S850D1205U935-4F0-1E-UDD-A4

**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°	12.7	12.3	12.5	12.5	12.5	12.3	12.7	12.3	12.2	12.1	11.8
90°	22.0	22.0	23.0	23.0	23.0	22.0	22.0	22.0	20.0	19.0	18.0
92.5°	69.2	66.8	65.4	63.8	65.4	66.8	69.2	82.1	96.9	128.6	177.3
95°	289.1	259.1	251.2	235.1	251.2	259.1	289.1	360.2	444.2	567.2	719.3
97.5°	666.1	610.1	581.1	568.3	581.1	610.1	666.1	727.9	844.8	964.7	1071.3
100°	905.4	833.4	796.3	780.3	796.3	833.4	905.4	974.4	1078.5	1181.6	1230.5
102.5°	1120.7	1069.4	1029.2	1017.3	1029.2	1069.4	1120.7	1194.6	1265.0	1314.4	1284.2
105°	1390.6	1357.6	1337.6	1325.6	1337.6	1357.6	1390.6	1422.6	1433.7	1389.7	1252.6
107.5°	1504.1	1503.9	1497.3	1489.3	1497.3	1503.9	1504.1	1487.9	1435.6	1322.6	1139.7
110°	1517.7	1536.7	1543.7	1543.7	1543.7	1536.7	1517.7	1472.7	1387.6	1246.6	1056.4



TEST NUMBER: P333576-935

CATALOG NUMBER: S125RDIP-S850D1205U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	1480.1	1512.7	1530.1	1537.3	1530.1	1512.7	1480.1	1414.2	1314.0	1171.3	990.8
115°	1387.6	1435.6	1463.6	1476.6	1463.6	1435.6	1387.6	1309.6	1200.5	1063.5	908.4
117.5°	1285.0	1334.6	1362.4	1370.4	1362.4	1334.6	1285.0	1206.9	1106.9	988.9	855.1
120°	1218.6	1266.5	1293.6	1301.6	1293.6	1266.5	1218.6	1144.5	1056.4	946.4	826.4
122.5°	1162.5	1206.5	1233.6	1240.8	1233.6	1206.5	1162.5	1096.5	1014.1	916.0	804.8
125°	1090.5	1131.5	1153.5	1163.6	1153.5	1131.5	1090.5	1034.5	962.4	875.4	773.4
127.5°	1036.0	1072.3	1093.1	1097.5	1093.1	1072.3	1036.0	985.2	917.8	836.5	741.3
130°	1002.5	1035.4	1055.5	1061.4	1055.5	1035.4	1002.5	952.4	887.4	809.3	721.3
132.5°	967.2	1000.2	1018.6	1025.5	1018.6	1000.2	967.2	917.2	854.5	783.8	701.3
135°	909.4	942.5	960.4	966.5	960.4	942.5	909.4	865.4	808.4	744.3	675.3
137.5°	850.2	880.2	896.8	903.4	896.8	880.2	850.2	810.8	762.3	709.1	653.3
140°	813.4	839.4	854.4	859.4	854.4	839.4	813.4	776.4	734.3	688.3	641.3
142.5°	778.2	800.1	814.3	818.6	814.3	800.1	778.2	746.7	710.3	670.7	630.9
145°	730.3	747.3	758.4	762.3	758.4	747.3	730.3	706.3	679.3	648.2	617.3
147.5°	692.9	706.5	712.9	714.7	712.9	706.5	692.9	673.9	653.5	629.6	604.5
150°	671.3	683.3	687.3	688.3	687.3	683.3	671.3	656.3	638.3	619.3	597.3
152.5°	652.9	662.5	666.5	667.5	666.5	662.5	652.9	640.3	626.3	608.9	589.3
155°	628.3	635.2	638.3	639.3	638.3	635.2	628.3	618.3	607.3	593.2	577.2
157.5°	605.6	611.5	614.2	614.1	614.2	611.5	605.6	597.9	589.3	578.4	565.2
160°	591.2	596.2	598.3	597.3	598.3	596.2	591.2	584.3	577.2	567.2	557.2
162.5°	577.6	581.9	582.3	582.0	582.3	581.9	577.6	572.2	566.0	557.7	548.5
165°	558.3	560.3	560.3	560.3	560.3	560.3	558.3	554.2	549.2	543.2	536.2
167.5°	539.4	541.2	540.4	540.3	540.4	541.2	539.4	537.4	533.8	529.3	524.6
170°	528.2	529.3	529.3	528.2	529.3	529.3	528.2	526.2	524.3	521.2	518.2
172.5°	517.8	519.6	518.1	517.0	518.1	519.6	517.8	517.5	516.3	514.0	511.0
175°	505.2	506.3	504.2	503.3	504.2	506.3	505.2	505.2	505.2	503.3	503.3
177.5°	497.8	498.6	496.2	496.2	496.2	498.6	497.8	498.6	498.6	498.6	497.8
180°	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2



TEST NUMBER: P333576-935

CATALOG NUMBER: S125RDIP-S850D1205U935-4F0-1E-UDD-A4

**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°	12.0	11.8	11.0	11.9	10.8	10.9	10.5	10.5	10.8	11.1	11.6
90°	17.0	16.0	14.0	13.0	11.0	10.0	8.0	6.0	4.0	2.0	1.0
92.5°	261.1	322.5	327.8	228.3	136.6	82.1	52.9	35.6	23.2	14.8	12.2
95°	867.4	886.4	723.3	447.2	227.1	120.0	75.0	53.0	42.0	34.0	33.0
97.5°	1097.5	946.6	645.9	357.0	195.7	124.8	92.5	72.7	61.6	56.1	54.8
100°	1153.5	903.4	576.3	324.2	194.1	136.0	106.1	87.0	76.0	72.1	70.0
102.5°	1119.9	827.3	523.4	310.6	201.3	149.6	120.5	103.1	91.3	88.1	86.9
105°	1012.4	725.3	472.2	305.1	216.1	172.1	144.0	128.0	118.0	113.0	113.0
107.5°	902.8	655.0	450.6	314.4	238.1	195.4	170.3	153.7	145.4	140.7	138.6
110°	840.3	622.2	444.2	323.1	254.1	213.1	187.1	172.1	163.1	159.1	157.0



TEST NUMBER: P333576-935

CATALOG NUMBER: S125RDIP-S850D1205U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	793.9	603.0	444.2	334.3	269.3	229.9	204.7	189.7	180.6	177.5	175.5
115°	743.3	582.3	447.2	351.1	293.2	256.1	231.1	216.1	207.1	204.1	202.1
117.5°	713.1	572.0	453.8	370.4	317.5	282.5	258.3	241.3	232.3	229.1	226.1
120°	696.3	567.2	460.2	383.1	335.2	300.1	275.1	258.1	249.1	245.1	242.1
122.5°	681.9	563.3	465.8	397.6	352.0	316.9	292.0	273.3	264.3	261.1	258.9
125°	662.3	558.3	475.2	417.2	374.2	341.1	315.1	296.1	287.1	282.1	280.1
127.5°	644.3	555.9	485.8	435.2	395.5	363.8	337.8	317.5	306.2	299.7	296.7
130°	632.3	554.2	492.2	447.2	409.1	378.2	352.1	331.1	318.1	310.1	307.1
132.5°	622.7	554.2	499.4	457.6	422.0	391.0	365.0	343.2	328.6	318.9	315.1
135°	611.3	554.2	509.2	472.2	439.2	408.2	381.2	360.2	344.1	332.2	328.1
137.5°	601.1	555.4	518.2	483.0	451.4	423.2	395.4	374.8	358.8	347.6	344.6
140°	596.2	556.2	522.2	490.3	460.2	431.2	404.2	385.2	369.2	357.1	354.1
142.5°	592.3	557.1	524.6	494.2	465.8	438.4	413.0	394.8	378.8	367.6	365.3
145°	586.3	556.2	527.3	500.2	475.2	449.2	426.2	408.2	394.2	384.2	382.2
147.5°	580.1	553.6	528.2	503.9	481.2	458.4	438.2	422.6	409.6	401.0	399.8
150°	575.2	551.2	528.2	506.3	485.2	463.2	446.2	432.2	419.2	412.2	410.2
152.5°	569.6	548.0	527.4	507.8	489.2	468.8	453.4	440.2	428.8	422.6	421.4
155°	560.3	542.3	525.2	509.2	493.2	476.2	462.2	452.2	442.2	436.2	436.2
157.5°	551.5	536.2	522.6	510.2	496.6	482.0	471.4	462.6	454.0	449.2	449.4
160°	544.2	532.3	520.2	510.2	498.3	485.2	476.2	468.2	461.2	457.2	458.2
162.5°	537.9	527.4	517.8	509.5	499.8	488.4	481.0	474.6	468.4	464.4	465.4
165°	528.2	520.2	514.2	508.2	500.2	492.2	486.2	482.2	477.3	474.2	476.2
167.5°	518.8	513.2	508.6	505.8	500.2	493.6	489.8	487.0	484.2	482.4	483.5
170°	513.2	509.2	506.3	504.2	500.2	495.2	492.2	490.3	488.2	487.2	488.2
172.5°	507.6	504.5	503.0	502.7	499.4	495.2	493.8	492.6	490.6	489.7	491.5
175°	500.2	499.2	499.2	500.2	498.3	495.2	495.2	495.2	494.2	493.2	495.2
177.5°	497.1	496.2	496.2	497.8	497.1	495.4	495.4	496.2	495.4	495.4	497.1
180°	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2



TEST NUMBER: P333576-935

CATALOG NUMBER: S125RDIP-S850D1205U935-4F0-1E-UDD-A4

**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	9.4	10.2	10.6	10.4	10.8	10.7	10.7	10.9	11.1
90°	2.0	4.0	6.0	8.0	10.0	11.0	13.0	14.0	16.0	17.0	18.0
92.5°	14.8	23.2	35.6	52.9	82.1	136.6	228.3	327.8	322.5	261.1	177.3
95°	34.0	42.0	53.0	75.0	120.0	227.1	447.2	723.3	886.4	867.4	719.3
97.5°	56.1	61.6	72.7	92.5	124.8	195.7	357.0	645.9	946.6	1097.5	1071.3
100°	72.1	76.0	87.0	106.1	136.0	194.1	324.2	576.3	903.4	1153.5	1230.5
102.5°	88.1	91.3	103.1	120.5	149.6	201.3	310.6	523.4	827.3	1119.9	1284.2
105°	113.0	118.0	128.0	144.0	172.1	216.1	305.1	472.2	725.3	1012.4	1252.6
107.5°	140.7	145.4	153.7	170.3	195.4	238.1	314.4	450.6	655.0	902.8	1139.7
110°	159.1	163.1	172.1	187.1	213.1	254.1	323.1	444.2	622.2	840.3	1056.4





TEST NUMBER: P333576-935

CATALOG NUMBER: S125RDIP-S850D1205U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	177.5	180.6	189.7	204.7	229.9	269.3	334.3	444.2	603.0	793.9	990.8
115°	204.1	207.1	216.1	231.1	256.1	293.2	351.1	447.2	582.3	743.3	908.4
117.5°	229.1	232.3	241.3	258.3	282.5	317.5	370.4	453.8	572.0	713.1	855.1
120°	245.1	249.1	258.1	275.1	300.1	335.2	383.1	460.2	567.2	696.3	826.4
122.5°	261.1	264.3	273.3	292.0	316.9	352.0	397.6	465.8	563.3	681.9	804.8
125°	282.1	287.1	296.1	315.1	341.1	374.2	417.2	475.2	558.3	662.3	773.4
127.5°	299.7	306.2	317.5	337.8	363.8	395.5	435.2	485.8	555.9	644.3	741.3
130°	310.1	318.1	331.1	352.1	378.2	409.1	447.2	492.2	554.2	632.3	721.3
132.5°	318.9	328.6	343.2	365.0	391.0	422.0	457.6	499.4	554.2	622.7	701.3
135°	332.2	344.1	360.2	381.2	408.2	439.2	472.2	509.2	554.2	611.3	675.3
137.5°	347.6	358.8	374.8	395.4	423.2	451.4	483.0	518.2	555.4	601.1	653.3
140°	357.1	369.2	385.2	404.2	431.2	460.2	490.3	522.2	556.2	596.2	641.3
142.5°	367.6	378.8	394.8	413.0	438.4	465.8	494.2	524.6	557.1	592.3	630.9
145°	384.2	394.2	408.2	426.2	449.2	475.2	500.2	527.3	556.2	586.3	617.3
147.5°	401.0	409.6	422.6	438.2	458.4	481.2	503.9	528.2	553.6	580.1	604.5
150°	412.2	419.2	432.2	446.2	463.2	485.2	506.3	528.2	551.2	575.2	597.3
152.5°	422.6	428.8	440.2	453.4	468.8	489.2	507.8	527.4	548.0	569.6	589.3
155°	436.2	442.2	452.2	462.2	476.2	493.2	509.2	525.2	542.3	560.3	577.2
157.5°	449.2	454.0	462.6	471.4	482.0	496.6	510.2	522.6	536.2	551.5	565.2
160°	457.2	461.2	468.2	476.2	485.2	498.3	510.2	520.2	532.3	544.2	557.2
162.5°	464.4	468.4	474.6	481.0	488.4	499.8	509.5	517.8	527.4	537.9	548.5
165°	474.2	477.3	482.2	486.2	492.2	500.2	508.2	514.2	520.2	528.2	536.2
167.5°	482.4	484.2	487.0	489.8	493.6	500.2	505.8	508.6	513.2	518.8	524.6
170°	487.2	488.2	490.3	492.2	495.2	500.2	504.2	506.3	509.2	513.2	518.2
172.5°	489.7	490.6	492.6	493.8	495.2	499.4	502.7	503.0	504.5	507.6	511.0
175°	493.2	494.2	495.2	495.2	495.2	498.3	500.2	499.2	499.2	500.2	503.3
177.5°	495.4	495.4	496.2	495.4	495.4	497.1	497.8	496.2	496.2	497.1	497.8
180°	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2	496.2



TEST NUMBER: P333576-935

CATALOG NUMBER: S125RDIP-S850D1205U935-4F0-1E-UDD-A4

**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°	11.7	12.2	11.9	11.5	11.5	12.1	12.5
90°	19.0	20.0	22.0	22.0	22.0	23.0	23.0
92.5°	128.6	96.9	82.1	69.2	66.8	65.4	63.8
95°	567.2	444.2	360.2	289.1	259.1	251.2	235.1
97.5°	964.7	844.8	727.9	666.1	610.1	581.1	568.3
100°	1181.6	1078.5	974.4	905.4	833.4	796.3	780.3
102.5°	1314.4	1265.0	1194.6	1120.7	1069.4	1029.2	1017.3
105°	1389.7	1433.7	1422.6	1390.6	1357.6	1337.6	1325.6
107.5°	1322.6	1435.6	1487.9	1504.1	1503.9	1497.3	1489.3
110°	1246.6	1387.6	1472.7	1517.7	1536.7	1543.7	1543.7



TEST NUMBER: P333576-935

CATALOG NUMBER: S125RDIP-S850D1205U935-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	1171.3	1314.0	1414.2	1480.1	1512.7	1530.1	1537.3
115°	1063.5	1200.5	1309.6	1387.6	1435.6	1463.6	1476.6
117.5°	988.9	1106.9	1206.9	1285.0	1334.6	1362.4	1370.4
120°	946.4	1056.4	1144.5	1218.6	1266.5	1293.6	1301.6
122.5°	916.0	1014.1	1096.5	1162.5	1206.5	1233.6	1240.8
125°	875.4	962.4	1034.5	1090.5	1131.5	1153.5	1163.6
127.5°	836.5	917.8	985.2	1036.0	1072.3	1093.1	1097.5
130°	809.3	887.4	952.4	1002.5	1035.4	1055.5	1061.4
132.5°	783.8	854.5	917.2	967.2	1000.2	1018.6	1025.5
135°	744.3	808.4	865.4	909.4	942.5	960.4	966.5
137.5°	709.1	762.3	810.8	850.2	880.2	896.8	903.4
140°	688.3	734.3	776.4	813.4	839.4	854.4	859.4
142.5°	670.7	710.3	746.7	778.2	800.1	814.3	818.6
145°	648.2	679.3	706.3	730.3	747.3	758.4	762.3
147.5°	629.6	653.5	673.9	692.9	706.5	712.9	714.7
150°	619.3	638.3	656.3	671.3	683.3	687.3	688.3
152.5°	608.9	626.3	640.3	652.9	662.5	666.5	667.5
155°	593.2	607.3	618.3	628.3	635.2	638.3	639.3
157.5°	578.4	589.3	597.9	605.6	611.5	614.2	614.1
160°	567.2	577.2	584.3	591.2	596.2	598.3	597.3
162.5°	557.7	566.0	572.2	577.6	581.9	582.3	582.0
165°	543.2	549.2	554.2	558.3	560.3	560.3	560.3
167.5°	529.3	533.8	537.4	539.4	541.2	540.4	540.3
170°	521.2	524.3	526.2	528.2	529.3	529.3	528.2
172.5°	514.0	516.3	517.5	517.8	519.6	518.1	517.0
175°	503.3	505.2	505.2	505.2	506.3	504.2	503.3
177.5°	498.6	498.6	498.6	497.8	498.6	496.2	496.2
180°	496.2	496.2	496.2	496.2	496.2	496.2	496.2

(END OF REPORT)