

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: P333652-940

Luminaire Tested: **S125RDIW-S375D1340U940-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333652-940  
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: S125RDIW-S375D1340U940-4F0-1E-UDD-A  
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 375 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1340 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6086.4 lumens  
Efficiency: N/A  
Efficacy: 130.6 lumens/watt  
Spacing Criteria (0/90/45): 1.4 / 1.22 / 1.47  
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')  
CIE Type: Semi-Indirect

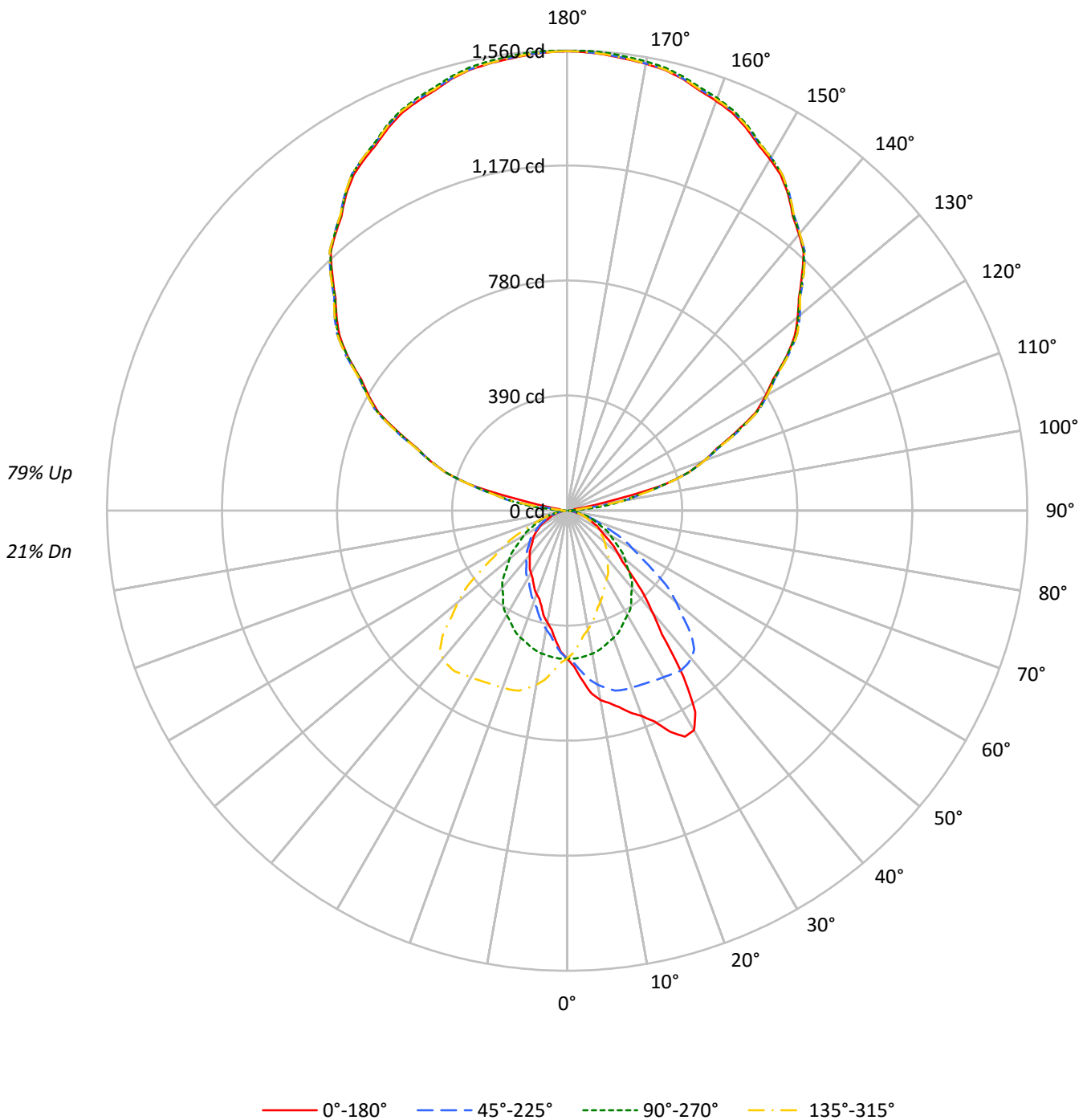
Input Watts (W): 46.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	100	100	100	100	89	89	89	89	67	67	67	48	48	48	30	30	30	21
1	92	87	84	81	81	78	75	72	59	57	55	42	41	40	27	26	25	18
2	83	77	71	66	74	68	63	59	52	49	46	37	35	34	24	23	22	16
3	76	67	60	55	67	60	54	50	46	42	39	33	31	29	21	20	19	13
4	70	60	52	46	61	53	47	42	41	36	33	29	27	24	19	17	16	12
5	64	53	45	40	56	47	41	36	36	32	28	26	23	21	17	15	14	10
6	59	47	40	34	52	42	36	31	33	28	25	24	21	18	15	14	12	9
7	54	43	35	30	48	38	32	27	30	25	22	22	18	16	14	12	11	8
8	50	38	31	26	44	34	28	24	27	22	19	20	17	14	13	11	10	7
9	46	35	28	23	41	31	25	21	24	20	17	18	15	13	12	10	9	6
10	43	32	25	20	38	29	23	19	22	18	15	17	14	11	11	9	8	6

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

	0°	90°	180°	270°
0°	3241	3241	3241	3241
5°	3729	3246	2867	3246
10°	4278	3229	2530	3229
15°	4621	3196	2249	3196
20°	5096	3158	2076	3158
25°	5897	3107	1927	3107
30°	6416	3053	1829	3053
35°	5412	2990	1738	2990
40°	3780	2878	1661	2878
45°	2804	2726	1585	2726
50°	2237	2569	1519	2569
55°	1897	2374	1462	2374
60°	1639	2198	1368	2198
65°	1461	2008	1177	2008
70°	1284	1841	1074	1841
75°	1110	1592	1008	1592
80°	841	1339	841	1339
85°	704	1052	793	1052



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	48.1	0.8
10°-20°	141.1	2.3
20°-30°	223.6	3.7
30°-40°	269.7	4.4
40°-50°	240.9	4.0
50°-60°	184.7	3.0
60°-70°	120.0	2.0
70°-80°	58.3	1.0
80°-90°	17.2	0.3
90°-100°	56.6	0.9
100°-110°	348.8	5.7
110°-120°	632.6	10.4
120°-130°	811.9	13.3
130°-140°	873.3	14.3
140°-150°	819.7	13.5
150°-160°	663.1	10.9
160°-170°	428.8	7.0
170°-180°	147.9	2.4
0°-30°	412.8	6.8
0°-40°	682.5	11.2
0°-60°	1108.1	18.2
0°-90°	1303.6	21.4
90°-120°	1038.1	17.1
90°-150°	3542.9	58.2
90°-180°	4783.0	78.6
0°-180°	6086.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	502	502	502	502	502	
5°	575	501	442	501	575	57
15°	691	478	336	478	691	198
25°	828	436	270	436	828	380
35°	686	379	220	379	686	415
45°	307	298	174	298	307	245
55°	168	211	130	211	168	153
65°	96	131	77	131	96	95
75°	44	64	40	64	44	47
85°	10	14	11	14	10	12
90°	28	1	28	1	28	12
95°	24	66	24	66	24	20
105°	343	340	343	340	343	310
115°	633	637	633	637	633	628
125°	906	906	906	906	906	806
135°	1126	1130	1126	1130	1126	869
145°	1307	1310	1307	1310	1307	816
155°	1433	1443	1433	1443	1433	660
165°	1515	1523	1515	1523	1515	427
175°	1550	1558	1550	1558	1550	148
180°	1558	1558	1558	1558	1558	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	528.0	527.6	528.3	526.5	526.6	523.9	523.9	521.7	518.9	516.7	515.8
5°	575.2	575.7	574.9	571.8	569.7	566.6	563.1	557.0	551.8	546.8	543.0
7.5°	624.0	624.3	621.5	620.6	615.4	611.6	603.9	595.4	588.0	578.5	571.2
10°	652.4	652.1	649.3	646.9	642.5	636.7	629.0	619.2	609.9	599.6	589.7
12.5°	668.8	668.2	667.4	664.6	660.4	655.3	648.8	639.1	627.7	616.4	604.8
15°	691.1	689.6	687.0	683.4	677.4	671.5	664.3	655.7	644.7	632.0	621.3
17.5°	718.6	718.6	714.5	709.6	701.5	691.0	679.8	665.9	651.0	637.0	625.6
20°	741.4	740.7	736.6	727.1	717.8	704.6	691.9	674.8	656.7	638.3	624.1
22.5°	774.0	772.4	768.1	755.6	741.3	724.2	704.7	683.9	661.9	641.1	622.4
25°	827.5	826.3	817.8	803.3	783.2	757.0	731.5	702.8	671.3	643.9	621.3
27.5°	864.1	862.7	856.4	844.5	825.8	798.3	763.8	725.4	686.1	648.4	615.7
30°	860.4	863.5	862.7	857.1	843.1	818.4	786.5	743.4	696.6	652.4	613.4
32.5°	808.7	811.5	818.7	829.6	830.5	820.6	796.7	756.9	708.5	658.1	611.5
35°	686.5	690.3	704.3	726.3	755.2	779.3	784.2	762.8	719.3	665.1	608.9
37.5°	527.8	548.0	559.9	583.1	626.7	671.0	713.6	729.3	710.9	662.2	604.5
40°	448.4	453.3	474.3	500.5	537.2	583.3	644.1	688.0	689.4	655.7	597.5
42.5°	383.7	390.0	404.4	425.3	456.7	502.8	565.6	623.6	650.3	637.5	588.4
45°	307.0	311.7	322.3	338.3	362.4	400.6	454.5	521.5	574.6	595.5	564.2
47.5°	252.2	254.8	263.9	276.2	294.0	321.7	363.6	421.7	485.4	530.1	525.8
50°	222.6	225.4	232.4	241.7	256.7	280.2	313.6	362.0	427.8	482.3	493.3
52.5°	199.5	201.9	206.3	215.0	227.4	245.4	272.4	316.2	375.3	433.4	458.7
55°	168.5	170.2	173.7	178.6	188.5	201.5	224.8	255.1	302.9	361.4	398.5
57.5°	143.1	143.9	146.2	150.7	157.6	167.0	183.9	209.5	243.8	296.5	337.4
60°	126.9	127.8	130.6	133.8	139.1	147.8	161.0	178.9	211.8	255.3	296.7
62.5°	114.0	114.6	115.8	118.9	123.6	130.3	140.6	155.2	181.5	219.7	258.8
65°	95.6	95.8	96.2	98.7	101.6	106.6	113.3	123.6	143.4	172.3	206.9
67.5°	77.8	78.2	79.6	80.5	83.5	86.1	90.1	97.9	111.9	131.3	158.3
70°	68.0	67.8	69.2	70.3	71.2	74.4	77.0	83.5	92.1	106.9	129.4
72.5°	58.8	58.2	58.9	59.2	60.5	62.7	65.4	69.3	76.0	86.1	103.3
75°	44.5	44.7	44.7	45.1	46.2	47.0	47.8	49.8	53.6	60.4	69.6
77.5°	31.2	30.9	31.7	31.9	32.5	33.4	34.2	35.0	36.5	39.2	44.1
80°	22.6	22.6	22.8	23.5	23.3	23.7	24.7	25.6	27.4	29.1	30.7
82.5°	17.4	17.2	17.4	17.6	17.5	17.9	18.3	18.5	19.2	20.0	21.1
85°	9.5	9.5	9.7	9.7	9.9	9.9	10.1	10.1	10.1	10.3	10.5
87.5°	9.2	8.8	8.6	8.4	8.4	8.5	8.1	7.7	7.4	7.1	7.0
90°	27.7	26.9	26.1	25.4	24.6	23.6	22.3	21.0	19.8	18.5	16.7
92.5°	25.9	25.5	25.1	24.8	24.4	23.6	22.3	21.0	19.8	18.5	16.9
95°	24.3	24.3	24.3	24.3	24.3	23.6	22.3	21.0	19.8	18.5	28.2
97.5°	24.3	24.3	24.3	24.3	24.3	27.8	35.1	42.4	49.6	56.8	76.1
100°	24.3	25.2	26.3	27.3	28.4	48.0	86.2	124.4	162.6	200.9	199.8
102.5°	145.3	162.6	180.1	197.6	215.0	227.4	234.6	241.8	249.1	256.3	255.7
105°	342.9	343.1	343.4	343.7	343.9	344.0	344.0	344.0	344.0	344.0	344.0
107.5°	432.3	433.0	433.8	434.5	435.3	435.7	435.7	435.6	435.5	435.5	435.0
110°	494.2	493.9	493.7	493.4	493.1	493.4	494.2	494.9	495.7	496.4	496.0



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	549.6	549.9	550.3	550.6	551.0	551.7	552.7	553.6	554.6	555.5	555.3
115°	632.7	634.2	635.8	637.3	638.8	640.2	641.1	642.2	643.2	644.3	644.0
117.5°	721.4	722.0	722.7	723.4	724.0	725.1	726.4	727.7	729.1	730.4	729.4
120°	775.9	777.1	778.4	779.7	781.0	781.9	782.4	782.9	783.5	783.9	783.2
122.5°	827.6	829.0	830.5	832.1	833.5	834.6	835.0	835.5	836.1	836.6	836.2
125°	906.3	907.0	907.9	908.7	909.4	910.3	911.3	912.3	913.4	914.4	914.4
127.5°	972.6	974.5	976.4	978.3	980.2	981.4	982.0	982.6	983.1	983.6	983.8
130°	1020.7	1021.9	1023.1	1024.5	1025.7	1026.8	1027.5	1028.3	1029.1	1029.8	1029.6
132.5°	1065.0	1066.2	1067.6	1068.8	1070.1	1070.8	1070.9	1071.1	1071.3	1071.4	1072.0
135°	1125.7	1127.2	1128.7	1130.3	1131.8	1132.8	1133.4	1133.9	1134.4	1134.9	1135.4
137.5°	1186.6	1187.9	1189.3	1190.6	1191.9	1192.6	1192.5	1192.4	1192.3	1192.2	1192.7
140°	1222.6	1224.2	1225.7	1227.3	1228.8	1229.3	1228.8	1228.3	1227.8	1227.3	1227.5
142.5°	1256.9	1258.4	1259.9	1261.4	1263.0	1263.7	1263.6	1263.5	1263.4	1263.3	1262.9
145°	1307.0	1308.5	1310.0	1311.5	1313.1	1313.8	1313.5	1313.2	1313.0	1312.7	1312.7
147.5°	1348.3	1350.1	1351.9	1353.8	1355.7	1356.5	1356.1	1355.8	1355.5	1355.2	1354.9
150°	1375.0	1377.1	1379.1	1381.2	1383.2	1384.0	1383.5	1383.0	1382.5	1382.0	1381.4
152.5°	1400.0	1401.9	1403.7	1405.5	1407.4	1408.0	1407.6	1407.0	1406.5	1406.0	1405.5
155°	1432.8	1434.9	1436.9	1439.0	1441.0	1441.6	1440.8	1440.1	1439.3	1438.6	1438.1
157.5°	1460.3	1462.3	1464.4	1466.4	1468.5	1469.1	1468.3	1467.5	1466.6	1465.8	1465.8
160°	1477.8	1479.9	1481.9	1484.0	1486.0	1486.6	1485.5	1484.5	1483.5	1482.5	1482.2
162.5°	1493.5	1495.8	1498.0	1500.3	1502.5	1503.0	1501.6	1500.0	1498.6	1497.2	1496.9
165°	1514.7	1516.8	1518.9	1520.9	1523.0	1523.2	1521.7	1520.1	1518.6	1517.1	1516.8
167.5°	1529.6	1531.9	1534.2	1536.4	1538.7	1539.0	1537.1	1535.3	1533.5	1531.6	1531.3
170°	1537.8	1540.2	1542.5	1544.8	1547.1	1547.2	1545.2	1543.1	1541.1	1539.0	1538.7
172.5°	1543.4	1545.7	1548.0	1550.3	1552.6	1552.8	1551.0	1549.2	1547.3	1545.4	1545.0
175°	1550.5	1552.8	1555.1	1557.5	1559.8	1559.9	1557.8	1555.8	1553.7	1551.7	1551.5
177.5°	1554.7	1556.3	1558.0	1559.6	1561.3	1561.4	1560.0	1558.5	1557.1	1555.6	1555.4
180°	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	515.8	514.6	512.5	510.5	508.0	505.9	504.4	502.6	500.2	497.5	495.2
5°	538.6	534.0	528.1	522.9	516.3	511.2	505.9	500.7	495.5	488.9	483.1
7.5°	563.9	554.6	545.5	534.0	523.6	514.3	505.4	496.4	487.6	478.2	469.2
10°	579.4	568.0	555.5	541.1	527.9	515.3	503.8	492.4	480.5	470.0	458.7
12.5°	593.9	579.3	564.9	546.7	530.8	515.5	500.8	486.7	473.9	460.3	448.1
15°	607.0	592.5	576.5	554.3	532.2	513.6	496.3	478.0	462.2	446.9	433.3
17.5°	612.1	596.9	578.3	556.9	532.8	509.4	487.1	467.1	448.4	430.6	415.4
20°	610.1	595.5	576.3	555.9	530.1	505.9	481.7	459.5	438.6	419.9	403.7
22.5°	605.3	590.2	571.7	550.1	525.7	499.9	474.1	450.4	428.6	409.2	391.5
25°	598.2	577.6	558.6	537.5	514.2	488.7	462.2	436.0	412.7	392.9	373.5
27.5°	590.7	565.0	540.8	520.0	495.3	472.6	446.9	420.1	395.7	375.5	355.6
30°	583.9	555.1	528.5	504.8	481.5	459.9	435.6	409.4	384.2	363.5	343.3
32.5°	575.5	544.8	515.7	488.3	465.8	444.4	422.4	397.3	372.9	351.4	330.9
35°	565.0	525.8	494.1	465.0	440.1	419.3	399.5	379.3	354.8	332.5	312.5
37.5°	551.2	506.7	470.0	438.4	412.1	391.2	375.5	357.0	334.7	313.4	294.9
40°	542.7	492.8	452.7	421.3	393.8	371.7	357.0	341.4	321.0	301.0	282.5
42.5°	531.5	480.2	435.2	402.6	374.8	353.6	338.8	325.1	308.0	289.2	269.3
45°	509.5	455.6	408.4	373.4	345.4	324.5	310.7	298.5	285.6	268.2	250.9
47.5°	481.0	429.9	380.5	342.2	314.9	295.5	282.1	272.5	263.2	248.5	231.8
50°	458.1	408.8	360.6	323.5	294.3	275.9	263.3	255.7	247.3	233.9	219.8
52.5°	431.0	387.0	339.8	301.9	274.3	257.1	245.0	237.4	230.4	219.5	206.2
55°	388.4	349.8	306.6	272.2	246.8	229.5	218.0	210.8	206.7	197.4	186.9
57.5°	339.2	311.7	273.5	240.3	217.8	200.8	192.3	186.2	181.6	175.0	167.6
60°	305.0	285.6	251.4	219.8	199.2	183.0	175.3	170.2	165.9	160.3	154.5
62.5°	270.2	256.1	226.3	199.2	180.3	166.7	159.5	154.9	149.9	146.2	140.5
65°	223.6	211.0	190.4	169.2	151.7	140.7	135.5	131.4	128.4	124.2	120.3
67.5°	173.9	168.8	154.5	139.9	127.3	117.6	113.2	110.3	106.6	104.2	101.5
70°	143.4	140.9	130.8	121.2	109.4	102.8	98.7	97.5	92.9	90.4	88.6
72.5°	116.4	115.2	109.4	102.7	94.4	88.6	84.9	83.5	80.5	78.6	77.4
75°	79.7	80.2	79.1	74.8	71.7	68.0	64.7	63.8	61.8	60.2	59.1
77.5°	50.5	52.5	52.6	52.4	51.2	49.0	47.5	46.9	44.9	44.3	44.1
80°	34.6	36.9	39.0	38.7	38.3	37.7	36.6	36.0	35.0	34.4	34.0
82.5°	23.1	25.1	26.9	28.0	27.9	27.3	26.7	26.3	26.1	25.7	25.6
85°	10.9	11.3	11.9	13.4	14.4	14.6	14.4	14.2	13.6	13.8	14.0
87.5°	6.8	6.4	6.2	5.8	5.3	5.7	5.7	5.5	5.6	5.7	5.7
90°	14.9	13.1	11.3	9.4	7.3	5.3	3.2	1.2	3.2	5.3	7.3
92.5°	15.2	13.7	12.1	12.0	13.5	14.9	16.3	17.7	16.3	14.9	13.5
95°	38.0	47.7	57.4	62.7	63.5	64.3	65.0	65.8	65.0	64.3	63.5
97.5°	95.4	114.7	133.9	142.9	141.5	140.2	138.8	137.4	138.8	140.2	141.5
100°	198.9	197.8	196.8	195.9	195.1	194.3	193.6	192.8	193.6	194.3	195.1
102.5°	255.1	254.5	253.9	253.1	252.1	251.1	250.1	249.1	250.1	251.1	252.1
105°	344.0	344.0	344.0	343.6	342.5	341.5	340.5	339.5	340.5	341.5	342.5
107.5°	434.4	434.0	433.5	433.2	433.2	433.2	433.2	433.2	433.2	433.2	433.2
110°	495.4	494.9	494.4	494.2	494.2	494.2	494.2	494.2	494.2	494.2	494.2





TEST NUMBER: P333652-940

CATALOG NUMBER: S125RDIW-S375D1340U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	554.9	554.6	554.4	553.8	553.2	552.7	552.1	551.4	552.1	552.7	553.2
115°	643.7	643.5	643.2	642.5	641.1	639.9	638.6	637.3	638.6	639.9	641.1
117.5°	728.4	727.5	726.5	726.0	726.0	726.1	726.1	726.2	726.1	726.1	726.0
120°	782.4	781.6	780.9	780.6	780.9	781.1	781.4	781.6	781.4	781.1	780.9
122.5°	835.9	835.5	835.2	834.5	833.5	832.5	831.5	830.5	831.5	832.5	833.5
125°	914.4	914.4	914.4	913.5	911.7	909.9	908.1	906.3	908.1	909.9	911.7
127.5°	984.0	984.1	984.3	983.7	982.4	981.1	979.9	978.6	979.9	981.1	982.4
130°	1029.3	1029.1	1028.9	1028.1	1026.8	1025.5	1024.2	1022.9	1024.2	1025.5	1026.8
132.5°	1072.5	1073.1	1073.7	1073.2	1071.7	1070.2	1068.7	1067.3	1068.7	1070.2	1071.7
135°	1136.0	1136.5	1136.9	1136.5	1134.9	1133.4	1131.8	1130.3	1131.8	1133.4	1134.9
137.5°	1193.1	1193.6	1194.0	1193.6	1192.2	1190.9	1189.5	1188.3	1189.5	1190.9	1192.2
140°	1227.8	1228.1	1228.3	1228.2	1227.6	1227.2	1226.6	1226.1	1226.6	1227.2	1227.6
142.5°	1262.6	1262.2	1261.9	1261.5	1261.2	1260.9	1260.6	1260.3	1260.6	1260.9	1261.2
145°	1312.7	1312.7	1312.7	1312.4	1312.0	1311.4	1310.9	1310.4	1310.9	1311.4	1312.0
147.5°	1354.6	1354.2	1354.0	1353.9	1354.0	1354.1	1354.2	1354.2	1354.2	1354.1	1354.0
150°	1381.0	1380.5	1379.9	1379.9	1380.5	1381.0	1381.4	1382.0	1381.4	1381.0	1380.5
152.5°	1405.0	1404.4	1403.9	1404.3	1405.4	1406.5	1407.7	1408.7	1407.7	1406.5	1405.4
155°	1437.5	1437.0	1436.5	1437.0	1438.6	1440.1	1441.6	1443.1	1441.6	1440.1	1438.6
157.5°	1465.7	1465.6	1465.6	1466.1	1467.0	1467.8	1468.8	1469.7	1468.8	1467.8	1467.0
160°	1481.9	1481.7	1481.4	1482.0	1483.5	1485.1	1486.7	1488.2	1486.7	1485.1	1483.5
162.5°	1496.7	1496.5	1496.2	1496.8	1498.3	1499.9	1501.5	1503.0	1501.5	1499.9	1498.3
165°	1516.5	1516.3	1516.0	1516.7	1518.2	1519.7	1521.3	1522.9	1521.3	1519.7	1518.2
167.5°	1531.1	1530.8	1530.6	1531.2	1532.9	1534.5	1536.1	1537.6	1536.1	1534.5	1532.9
170°	1538.5	1538.2	1537.9	1538.7	1540.5	1542.3	1544.2	1546.0	1544.2	1542.3	1540.5
172.5°	1544.5	1544.1	1543.6	1544.3	1546.0	1547.9	1549.7	1551.5	1549.7	1547.9	1546.0
175°	1551.2	1551.0	1550.7	1551.3	1552.8	1554.4	1555.9	1557.5	1555.9	1554.4	1552.8
177.5°	1555.2	1555.1	1554.8	1555.3	1556.6	1557.8	1559.0	1560.2	1559.0	1557.8	1556.6
180°	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5



TEST NUMBER: P333652-940

CATALOG NUMBER: S125RDIW-S375D1340U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	493.5	491.2	489.5	486.2	483.9	483.0	481.2	480.6	482.5	481.2	481.0
5°	478.8	472.9	468.1	463.4	458.3	455.0	450.0	449.2	447.9	446.1	445.7
7.5°	461.3	453.4	447.4	439.5	432.7	427.2	421.1	418.1	416.5	414.1	410.9
10°	449.4	440.1	431.9	424.0	415.6	408.8	402.6	397.9	394.8	391.9	390.7
12.5°	437.7	428.2	417.7	408.2	398.8	391.2	384.3	381.2	377.8	374.4	371.6
15°	419.5	407.0	395.4	384.5	376.5	368.2	361.6	357.0	352.0	350.4	344.9
17.5°	400.2	387.9	374.3	362.9	353.6	344.5	337.2	332.1	328.2	322.9	320.4
20°	388.2	373.5	360.3	349.8	339.6	328.9	321.5	317.1	313.4	309.1	307.0
22.5°	375.3	361.1	347.5	335.2	324.8	314.1	308.9	304.4	300.2	296.2	293.5
25°	356.4	342.1	327.8	315.0	304.2	296.5	290.3	285.2	282.9	279.0	276.1
27.5°	337.8	322.4	307.7	295.0	286.4	278.8	273.8	269.7	265.6	262.3	259.7
30°	325.7	310.1	294.0	283.9	274.8	267.7	262.1	258.2	255.1	252.0	250.1
32.5°	313.7	297.6	283.3	272.4	263.9	257.6	251.9	248.1	244.9	241.5	239.2
35°	294.4	277.9	266.4	255.7	247.3	241.5	237.6	232.2	229.5	227.0	224.8
37.5°	276.5	261.2	248.7	239.3	231.9	226.2	221.1	218.3	215.0	212.8	210.9
40°	263.3	249.3	238.0	228.1	222.7	216.3	211.6	207.9	205.5	202.5	200.5
42.5°	251.5	238.4	227.4	218.6	211.9	206.4	201.9	198.1	195.0	193.0	191.3
45°	234.7	221.7	211.0	202.8	196.5	191.5	186.6	184.9	180.7	178.3	177.4
47.5°	217.3	205.7	195.4	187.8	181.5	176.6	172.1	168.4	166.0	163.6	162.3
50°	205.6	194.5	184.9	177.4	171.2	165.9	161.8	159.3	156.1	153.9	152.3
52.5°	193.9	183.6	174.0	166.8	161.5	156.1	151.5	149.1	146.2	144.7	143.6
55°	177.2	166.3	158.0	151.1	145.4	140.5	136.2	133.8	131.9	130.5	130.0
57.5°	158.3	149.6	142.0	135.6	129.8	125.2	121.4	119.0	117.4	117.2	115.9
60°	145.9	138.0	131.1	124.2	119.3	114.9	111.6	109.0	107.4	107.2	106.7
62.5°	133.5	126.0	119.5	113.5	109.1	105.0	101.7	98.8	97.8	96.8	95.9
65°	115.2	108.3	103.0	98.3	93.5	90.1	86.9	85.1	82.8	81.6	79.4
67.5°	97.2	91.9	86.8	82.8	79.0	75.7	73.1	70.4	68.8	67.9	66.3
70°	85.3	81.1	76.1	71.7	68.8	66.2	64.1	61.0	59.9	59.1	58.3
72.5°	74.1	70.4	66.2	62.6	59.7	57.2	54.8	53.4	52.3	51.5	51.1
75°	58.3	54.8	51.1	48.6	46.5	44.5	43.2	42.3	41.8	41.6	40.8
77.5°	42.8	40.9	38.0	36.0	34.7	33.8	32.7	32.2	32.1	31.2	30.9
80°	32.7	31.7	29.2	28.4	27.4	26.6	25.9	25.0	23.9	23.5	22.8
82.5°	24.3	23.4	22.3	21.0	20.2	19.6	19.1	18.6	18.8	18.2	17.9
85°	13.0	11.9	11.5	11.3	10.9	11.3	11.1	10.9	10.7	10.5	10.7
87.5°	6.0	6.4	6.6	7.2	7.1	7.7	7.9	8.0	8.3	8.5	8.6
90°	9.4	11.3	13.1	14.9	16.7	18.5	19.8	21.0	22.3	23.6	24.6
92.5°	12.0	12.1	13.7	15.2	16.9	18.5	19.8	21.0	22.3	23.6	24.4
95°	62.7	57.4	47.7	38.0	28.2	18.5	19.8	21.0	22.3	23.6	24.3
97.5°	142.9	133.9	114.7	95.4	76.1	56.8	49.6	42.4	35.1	27.8	24.3
100°	195.9	196.8	197.8	198.9	199.8	200.9	162.6	124.4	86.2	48.0	28.4
102.5°	253.1	253.9	254.5	255.1	255.7	256.3	249.1	241.8	234.6	227.4	215.0
105°	343.6	344.0	344.0	344.0	344.0	344.0	344.0	344.0	344.0	344.0	343.9
107.5°	433.2	433.5	434.0	434.4	435.0	435.5	435.5	435.5	435.6	435.7	435.3
110°	494.2	494.4	494.9	495.4	496.0	496.4	495.7	494.9	494.2	493.4	493.1



TEST NUMBER: P333652-940

CATALOG NUMBER: S125RDIW-S375D1340U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	553.8	554.4	554.6	554.9	555.3	555.5	554.6	553.6	552.7	551.7	551.0
115°	642.5	643.2	643.5	643.7	644.0	644.3	643.2	642.2	641.1	640.2	638.8
117.5°	726.0	726.5	727.5	728.4	729.4	730.4	729.1	727.7	726.4	725.1	724.0
120°	780.6	780.9	781.6	782.4	783.2	783.9	783.5	782.9	782.4	781.9	781.0
122.5°	834.5	835.2	835.5	835.9	836.2	836.6	836.1	835.5	835.0	834.6	833.5
125°	913.5	914.4	914.4	914.4	914.4	914.4	913.4	912.3	911.3	910.3	909.4
127.5°	983.7	984.3	984.1	984.0	983.8	983.6	983.1	982.6	982.0	981.4	980.2
130°	1028.1	1028.9	1029.1	1029.3	1029.6	1029.8	1029.1	1028.3	1027.5	1026.8	1025.7
132.5°	1073.2	1073.7	1073.1	1072.5	1072.0	1071.4	1071.3	1071.1	1070.9	1070.8	1070.1
135°	1136.5	1136.9	1136.5	1136.0	1135.4	1134.9	1134.4	1133.9	1133.4	1132.8	1131.8
137.5°	1193.6	1194.0	1193.6	1193.1	1192.7	1192.2	1192.3	1192.4	1192.5	1192.6	1191.9
140°	1228.2	1228.3	1228.1	1227.8	1227.5	1227.3	1227.8	1228.3	1228.8	1229.3	1228.8
142.5°	1261.5	1261.9	1262.2	1262.6	1262.9	1263.3	1263.4	1263.5	1263.6	1263.7	1263.0
145°	1312.4	1312.7	1312.7	1312.7	1312.7	1312.7	1313.0	1313.2	1313.5	1313.8	1313.1
147.5°	1353.9	1354.0	1354.2	1354.6	1354.9	1355.2	1355.5	1355.8	1356.1	1356.5	1355.7
150°	1379.9	1379.9	1380.5	1381.0	1381.4	1382.0	1382.5	1383.0	1383.5	1384.0	1383.2
152.5°	1404.3	1403.9	1404.4	1405.0	1405.5	1406.0	1406.5	1407.0	1407.6	1408.0	1407.4
155°	1437.0	1436.5	1437.0	1437.5	1438.1	1438.6	1439.3	1440.1	1440.8	1441.6	1441.0
157.5°	1466.1	1465.6	1465.6	1465.7	1465.8	1465.8	1466.6	1467.5	1468.3	1469.1	1468.5
160°	1482.0	1481.4	1481.7	1481.9	1482.2	1482.5	1483.5	1484.5	1485.5	1486.6	1486.0
162.5°	1496.8	1496.2	1496.5	1496.7	1496.9	1497.2	1498.6	1500.0	1501.6	1503.0	1502.5
165°	1516.7	1516.0	1516.3	1516.5	1516.8	1517.1	1518.6	1520.1	1521.7	1523.2	1523.0
167.5°	1531.2	1530.6	1530.8	1531.1	1531.3	1531.6	1533.5	1535.3	1537.1	1539.0	1538.7
170°	1538.7	1537.9	1538.2	1538.5	1538.7	1539.0	1541.1	1543.1	1545.2	1547.2	1547.1
172.5°	1544.3	1543.6	1544.1	1544.5	1545.0	1545.4	1547.3	1549.2	1551.0	1552.8	1552.6
175°	1551.3	1550.7	1551.0	1551.2	1551.5	1551.7	1553.7	1555.8	1557.8	1559.9	1559.8
177.5°	1555.3	1554.8	1555.1	1555.2	1555.4	1555.6	1557.1	1558.5	1560.0	1561.4	1561.3
180°	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5



TEST NUMBER: P333652-940

CATALOG NUMBER: S125RDIW-S375D1340U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	480.8	479.0	478.5	479.2	478.5	479.0	480.8	481.0	481.2	482.5	480.6
5°	443.6	441.6	442.6	442.2	442.6	441.6	443.6	445.7	446.1	447.9	449.2
7.5°	410.9	408.3	405.6	406.4	405.6	408.3	410.9	410.9	414.1	416.5	418.1
10°	388.0	385.9	384.7	385.8	384.7	385.9	388.0	390.7	391.9	394.8	397.9
12.5°	368.7	367.5	366.4	366.0	366.4	367.5	368.7	371.6	374.4	377.8	381.2
15°	342.4	340.0	338.9	336.3	338.9	340.0	342.4	344.9	350.4	352.0	357.0
17.5°	318.3	317.4	314.8	313.6	314.8	317.4	318.3	320.4	322.9	328.2	332.1
20°	303.9	303.1	300.4	302.0	300.4	303.1	303.9	307.0	309.1	313.4	317.1
22.5°	292.0	290.3	289.4	288.9	289.4	290.3	292.0	293.5	296.2	300.2	304.4
25°	275.3	272.6	271.5	270.4	271.5	272.6	275.3	276.1	279.0	282.9	285.2
27.5°	258.5	257.1	255.7	255.4	255.7	257.1	258.5	259.7	262.3	265.6	269.7
30°	247.6	246.2	245.2	245.2	245.2	246.2	247.6	250.1	252.0	255.1	258.2
32.5°	237.9	236.8	235.8	235.6	235.8	236.8	237.9	239.2	241.5	244.9	248.1
35°	223.7	222.1	221.7	220.4	221.7	222.1	223.7	224.8	227.0	229.5	232.2
37.5°	209.0	207.7	207.7	207.5	207.7	207.7	209.0	210.9	212.8	215.0	218.3
40°	199.7	198.6	198.4	197.0	198.4	198.6	199.7	200.5	202.5	205.5	207.9
42.5°	189.6	189.0	188.3	187.7	188.3	189.0	189.6	191.3	193.0	195.0	198.1
45°	175.9	174.5	174.5	173.5	174.5	174.5	175.9	177.4	178.3	180.7	184.9
47.5°	161.8	160.8	160.9	159.8	160.9	160.8	161.8	162.3	163.6	166.0	168.4
50°	152.5	151.9	151.7	151.2	151.7	151.9	152.5	152.3	153.9	156.1	159.3
52.5°	143.1	142.8	143.6	142.7	143.6	142.8	143.1	143.6	144.7	146.2	149.1
55°	130.5	129.8	131.1	129.8	131.1	129.8	130.5	130.0	130.5	131.9	133.8
57.5°	115.9	115.3	116.5	115.8	116.5	115.3	115.9	115.9	117.2	117.4	119.0
60°	106.3	105.0	105.7	105.9	105.7	105.0	106.3	106.7	107.2	107.4	109.0
62.5°	95.0	94.2	94.7	93.7	94.7	94.2	95.0	95.9	96.8	97.8	98.8
65°	78.9	78.3	77.5	77.0	77.5	78.3	78.9	79.4	81.6	82.8	85.1
67.5°	66.3	64.8	64.7	65.1	64.7	64.8	66.3	66.3	67.9	68.8	70.4
70°	57.1	57.1	56.9	56.9	56.9	57.1	57.1	58.3	59.1	59.9	61.0
72.5°	50.6	50.5	50.1	49.9	50.1	50.5	50.6	51.1	51.5	52.3	53.4
75°	40.8	41.0	40.6	40.4	40.6	41.0	40.8	40.8	41.6	41.8	42.3
77.5°	30.1	29.2	29.7	29.2	29.7	29.2	30.1	30.9	31.2	32.1	32.2
80°	22.8	22.6	23.3	22.6	23.3	22.6	22.8	22.8	23.5	23.9	25.0
82.5°	18.1	17.9	18.2	17.7	18.2	17.9	18.1	17.9	18.2	18.8	18.6
85°	10.9	10.7	10.5	10.7	10.5	10.7	10.9	10.7	10.5	10.7	10.9
87.5°	8.8	8.8	9.0	9.2	9.0	8.8	8.8	8.6	8.5	8.3	8.0
90°	25.4	26.1	26.9	27.7	26.9	26.1	25.4	24.6	23.6	22.3	21.0
92.5°	24.8	25.1	25.5	25.9	25.5	25.1	24.8	24.4	23.6	22.3	21.0
95°	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	23.6	22.3	21.0
97.5°	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	27.8	35.1	42.4
100°	27.3	26.3	25.2	24.3	25.2	26.3	27.3	28.4	48.0	86.2	124.4
102.5°	197.6	180.1	162.6	145.3	162.6	180.1	197.6	215.0	227.4	234.6	241.8
105°	343.7	343.4	343.1	342.9	343.1	343.4	343.7	343.9	344.0	344.0	344.0
107.5°	434.5	433.8	433.0	432.3	433.0	433.8	434.5	435.3	435.7	435.7	435.6
110°	493.4	493.7	493.9	494.2	493.9	493.7	493.4	493.1	493.4	494.2	494.9



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**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	550.6	550.3	549.9	549.6	549.9	550.3	550.6	551.0	551.7	552.7	553.6
115°	637.3	635.8	634.2	632.7	634.2	635.8	637.3	638.8	640.2	641.1	642.2
117.5°	723.4	722.7	722.0	721.4	722.0	722.7	723.4	724.0	725.1	726.4	727.7
120°	779.7	778.4	777.1	775.9	777.1	778.4	779.7	781.0	781.9	782.4	782.9
122.5°	832.1	830.5	829.0	827.6	829.0	830.5	832.1	833.5	834.6	835.0	835.5
125°	908.7	907.9	907.0	906.3	907.0	907.9	908.7	909.4	910.3	911.3	912.3
127.5°	978.3	976.4	974.5	972.6	974.5	976.4	978.3	980.2	981.4	982.0	982.6
130°	1024.5	1023.1	1021.9	1020.7	1021.9	1023.1	1024.5	1025.7	1026.8	1027.5	1028.3
132.5°	1068.8	1067.6	1066.2	1065.0	1066.2	1067.6	1068.8	1070.1	1070.8	1070.9	1071.1
135°	1130.3	1128.7	1127.2	1125.7	1127.2	1128.7	1130.3	1131.8	1132.8	1133.4	1133.9
137.5°	1190.6	1189.3	1187.9	1186.6	1187.9	1189.3	1190.6	1191.9	1192.6	1192.5	1192.4
140°	1227.3	1225.7	1224.2	1222.6	1224.2	1225.7	1227.3	1228.8	1229.3	1228.8	1228.3
142.5°	1261.4	1259.9	1258.4	1256.9	1258.4	1259.9	1261.4	1263.0	1263.7	1263.6	1263.5
145°	1311.5	1310.0	1308.5	1307.0	1308.5	1310.0	1311.5	1313.1	1313.8	1313.5	1313.2
147.5°	1353.8	1351.9	1350.1	1348.3	1350.1	1351.9	1353.8	1355.7	1356.5	1356.1	1355.8
150°	1381.2	1379.1	1377.1	1375.0	1377.1	1379.1	1381.2	1383.2	1384.0	1383.5	1383.0
152.5°	1405.5	1403.7	1401.9	1400.0	1401.9	1403.7	1405.5	1407.4	1408.0	1407.6	1407.0
155°	1439.0	1436.9	1434.9	1432.8	1434.9	1436.9	1439.0	1441.0	1441.6	1440.8	1440.1
157.5°	1466.4	1464.4	1462.3	1460.3	1462.3	1464.4	1466.4	1468.5	1469.1	1468.3	1467.5
160°	1484.0	1481.9	1479.9	1477.8	1479.9	1481.9	1484.0	1486.0	1486.6	1485.5	1484.5
162.5°	1500.3	1498.0	1495.8	1493.5	1495.8	1498.0	1500.3	1502.5	1503.0	1501.6	1500.0
165°	1520.9	1518.9	1516.8	1514.7	1516.8	1518.9	1520.9	1523.0	1523.2	1521.7	1520.1
167.5°	1536.4	1534.2	1531.9	1529.6	1531.9	1534.2	1536.4	1538.7	1539.0	1537.1	1535.3
170°	1544.8	1542.5	1540.2	1537.8	1540.2	1542.5	1544.8	1547.1	1547.2	1545.2	1543.1
172.5°	1550.3	1548.0	1545.7	1543.4	1545.7	1548.0	1550.3	1552.6	1552.8	1551.0	1549.2
175°	1557.5	1555.1	1552.8	1550.5	1552.8	1555.1	1557.5	1559.8	1559.9	1557.8	1555.8
177.5°	1559.6	1558.0	1556.3	1554.7	1556.3	1558.0	1559.6	1561.3	1561.4	1560.0	1558.5
180°	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5



TEST NUMBER: P333652-940

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**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	481.2	483.0	483.9	486.2	489.5	491.2	493.5	495.2	497.5	500.2	502.6
5°	450.0	455.0	458.3	463.4	468.1	472.9	478.8	483.1	488.9	495.5	500.7
7.5°	421.1	427.2	432.7	439.5	447.4	453.4	461.3	469.2	478.2	487.6	496.4
10°	402.6	408.8	415.6	424.0	431.9	440.1	449.4	458.7	470.0	480.5	492.4
12.5°	384.3	391.2	398.8	408.2	417.7	428.2	437.7	448.1	460.3	473.9	486.7
15°	361.6	368.2	376.5	384.5	395.4	407.0	419.5	433.3	446.9	462.2	478.0
17.5°	337.2	344.5	353.6	362.9	374.3	387.9	400.2	415.4	430.6	448.4	467.1
20°	321.5	328.9	339.6	349.8	360.3	373.5	388.2	403.7	419.9	438.6	459.5
22.5°	308.9	314.1	324.8	335.2	347.5	361.1	375.3	391.5	409.2	428.6	450.4
25°	290.3	296.5	304.2	315.0	327.8	342.1	356.4	373.5	392.9	412.7	436.0
27.5°	273.8	278.8	286.4	295.0	307.7	322.4	337.8	355.6	375.5	395.7	420.1
30°	262.1	267.7	274.8	283.9	294.0	310.1	325.7	343.3	363.5	384.2	409.4
32.5°	251.9	257.6	263.9	272.4	283.3	297.6	313.7	330.9	351.4	372.9	397.3
35°	237.6	241.5	247.3	255.7	266.4	277.9	294.4	312.5	332.5	354.8	379.3
37.5°	221.1	226.2	231.9	239.3	248.7	261.2	276.5	294.9	313.4	334.7	357.0
40°	211.6	216.3	222.7	228.1	238.0	249.3	263.3	282.5	301.0	321.0	341.4
42.5°	201.9	206.4	211.9	218.6	227.4	238.4	251.5	269.3	289.2	308.0	325.1
45°	186.6	191.5	196.5	202.8	211.0	221.7	234.7	250.9	268.2	285.6	298.5
47.5°	172.1	176.6	181.5	187.8	195.4	205.7	217.3	231.8	248.5	263.2	272.5
50°	161.8	165.9	171.2	177.4	184.9	194.5	205.6	219.8	233.9	247.3	255.7
52.5°	151.5	156.1	161.5	166.8	174.0	183.6	193.9	206.2	219.5	230.4	237.4
55°	136.2	140.5	145.4	151.1	158.0	166.3	177.2	186.9	197.4	206.7	210.8
57.5°	121.4	125.2	129.8	135.6	142.0	149.6	158.3	167.6	175.0	181.6	186.2
60°	111.6	114.9	119.3	124.2	131.1	138.0	145.9	154.5	160.3	165.9	170.2
62.5°	101.7	105.0	109.1	113.5	119.5	126.0	133.5	140.5	146.2	149.9	154.9
65°	86.9	90.1	93.5	98.3	103.0	108.3	115.2	120.3	124.2	128.4	131.4
67.5°	73.1	75.7	79.0	82.8	86.8	91.9	97.2	101.5	104.2	106.6	110.3
70°	64.1	66.2	68.8	71.7	76.1	81.1	85.3	88.6	90.4	92.9	97.5
72.5°	54.8	57.2	59.7	62.6	66.2	70.4	74.1	77.4	78.6	80.5	83.5
75°	43.2	44.5	46.5	48.6	51.1	54.8	58.3	59.1	60.2	61.8	63.8
77.5°	32.7	33.8	34.7	36.0	38.0	40.9	42.8	44.1	44.3	44.9	46.9
80°	25.9	26.6	27.4	28.4	29.2	31.7	32.7	34.0	34.4	35.0	36.0
82.5°	19.1	19.6	20.2	21.0	22.3	23.4	24.3	25.6	25.7	26.1	26.3
85°	11.1	11.3	10.9	11.3	11.5	11.9	13.0	14.0	13.8	13.6	14.2
87.5°	7.9	7.7	7.1	7.2	6.6	6.4	6.0	5.7	5.7	5.6	5.5
90°	19.8	18.5	16.7	14.9	13.1	11.3	9.4	7.3	5.3	3.2	1.2
92.5°	19.8	18.5	16.9	15.2	13.7	12.1	12.0	13.5	14.9	16.3	17.7
95°	19.8	18.5	28.2	38.0	47.7	57.4	62.7	63.5	64.3	65.0	65.8
97.5°	49.6	56.8	76.1	95.4	114.7	133.9	142.9	141.5	140.2	138.8	137.4
100°	162.6	200.9	199.8	198.9	197.8	196.8	195.9	195.1	194.3	193.6	192.8
102.5°	249.1	256.3	255.7	255.1	254.5	253.9	253.1	252.1	251.1	250.1	249.1
105°	344.0	344.0	344.0	344.0	344.0	344.0	343.6	342.5	341.5	340.5	339.5
107.5°	435.5	435.5	435.0	434.4	434.0	433.5	433.2	433.2	433.2	433.2	433.2
110°	495.7	496.4	496.0	495.4	494.9	494.4	494.2	494.2	494.2	494.2	494.2



TEST NUMBER: P333652-940

CATALOG NUMBER: S125RDIW-S375D1340U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	554.6	555.5	555.3	554.9	554.6	554.4	553.8	553.2	552.7	552.1	551.4
115°	643.2	644.3	644.0	643.7	643.5	643.2	642.5	641.1	639.9	638.6	637.3
117.5°	729.1	730.4	729.4	728.4	727.5	726.5	726.0	726.0	726.1	726.1	726.2
120°	783.5	783.9	783.2	782.4	781.6	780.9	780.6	780.9	781.1	781.4	781.6
122.5°	836.1	836.6	836.2	835.9	835.5	835.2	834.5	833.5	832.5	831.5	830.5
125°	913.4	914.4	914.4	914.4	914.4	914.4	913.5	911.7	909.9	908.1	906.3
127.5°	983.1	983.6	983.8	984.0	984.1	984.3	983.7	982.4	981.1	979.9	978.6
130°	1029.1	1029.8	1029.6	1029.3	1029.1	1028.9	1028.1	1026.8	1025.5	1024.2	1022.9
132.5°	1071.3	1071.4	1072.0	1072.5	1073.1	1073.7	1073.2	1071.7	1070.2	1068.7	1067.3
135°	1134.4	1134.9	1135.4	1136.0	1136.5	1136.9	1136.5	1134.9	1133.4	1131.8	1130.3
137.5°	1192.3	1192.2	1192.7	1193.1	1193.6	1194.0	1193.6	1192.2	1190.9	1189.5	1188.3
140°	1227.8	1227.3	1227.5	1227.8	1228.1	1228.3	1228.2	1227.6	1227.2	1226.6	1226.1
142.5°	1263.4	1263.3	1262.9	1262.6	1262.2	1261.9	1261.5	1261.2	1260.9	1260.6	1260.3
145°	1313.0	1312.7	1312.7	1312.7	1312.7	1312.7	1312.4	1312.0	1311.4	1310.9	1310.4
147.5°	1355.5	1355.2	1354.9	1354.6	1354.2	1354.0	1353.9	1354.0	1354.1	1354.2	1354.2
150°	1382.5	1382.0	1381.4	1381.0	1380.5	1379.9	1379.9	1380.5	1381.0	1381.4	1382.0
152.5°	1406.5	1406.0	1405.5	1405.0	1404.4	1403.9	1404.3	1405.4	1406.5	1407.7	1408.7
155°	1439.3	1438.6	1438.1	1437.5	1437.0	1436.5	1437.0	1438.6	1440.1	1441.6	1443.1
157.5°	1466.6	1465.8	1465.8	1465.7	1465.6	1465.6	1466.1	1467.0	1467.8	1468.8	1469.7
160°	1483.5	1482.5	1482.2	1481.9	1481.7	1481.4	1482.0	1483.5	1485.1	1486.7	1488.2
162.5°	1498.6	1497.2	1496.9	1496.7	1496.5	1496.2	1496.8	1498.3	1499.9	1501.5	1503.0
165°	1518.6	1517.1	1516.8	1516.5	1516.3	1516.0	1516.7	1518.2	1519.7	1521.3	1522.9
167.5°	1533.5	1531.6	1531.3	1531.1	1530.8	1530.6	1531.2	1532.9	1534.5	1536.1	1537.6
170°	1541.1	1539.0	1538.7	1538.5	1538.2	1537.9	1538.7	1540.5	1542.3	1544.2	1546.0
172.5°	1547.3	1545.4	1545.0	1544.5	1544.1	1543.6	1544.3	1546.0	1547.9	1549.7	1551.5
175°	1553.7	1551.7	1551.5	1551.2	1551.0	1550.7	1551.3	1552.8	1554.4	1555.9	1557.5
177.5°	1557.1	1555.6	1555.4	1555.2	1555.1	1554.8	1555.3	1556.6	1557.8	1559.0	1560.2
180°	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5



TEST NUMBER: P333652-940

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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	504.4	505.9	508.0	510.5	512.5	514.6	515.8	515.8	516.7	518.9	521.7
5°	505.9	511.2	516.3	522.9	528.1	534.0	538.6	543.0	546.8	551.8	557.0
7.5°	505.4	514.3	523.6	534.0	545.5	554.6	563.9	571.2	578.5	588.0	595.4
10°	503.8	515.3	527.9	541.1	555.5	568.0	579.4	589.7	599.6	609.9	619.2
12.5°	500.8	515.5	530.8	546.7	564.9	579.3	593.9	604.8	616.4	627.7	639.1
15°	496.3	513.6	532.2	554.3	576.5	592.5	607.0	621.3	632.0	644.7	655.7
17.5°	487.1	509.4	532.8	556.9	578.3	596.9	612.1	625.6	637.0	651.0	665.9
20°	481.7	505.9	530.1	555.9	576.3	595.5	610.1	624.1	638.3	656.7	674.8
22.5°	474.1	499.9	525.7	550.1	571.7	590.2	605.3	622.4	641.1	661.9	683.9
25°	462.2	488.7	514.2	537.5	558.6	577.6	598.2	621.3	643.9	671.3	702.8
27.5°	446.9	472.6	495.3	520.0	540.8	565.0	590.7	615.7	648.4	686.1	725.4
30°	435.6	459.9	481.5	504.8	528.5	555.1	583.9	613.4	652.4	696.6	743.4
32.5°	422.4	444.4	465.8	488.3	515.7	544.8	575.5	611.5	658.1	708.5	756.9
35°	399.5	419.3	440.1	465.0	494.1	525.8	565.0	608.9	665.1	719.3	762.8
37.5°	375.5	391.2	412.1	438.4	470.0	506.7	551.2	604.5	662.2	710.9	729.3
40°	357.0	371.7	393.8	421.3	452.7	492.8	542.7	597.5	655.7	689.4	688.0
42.5°	338.8	353.6	374.8	402.6	435.2	480.2	531.5	588.4	637.5	650.3	623.6
45°	310.7	324.5	345.4	373.4	408.4	455.6	509.5	564.2	595.5	574.6	521.5
47.5°	282.1	295.5	314.9	342.2	380.5	429.9	481.0	525.8	530.1	485.4	421.7
50°	263.3	275.9	294.3	323.5	360.6	408.8	458.1	493.3	482.3	427.8	362.0
52.5°	245.0	257.1	274.3	301.9	339.8	387.0	431.0	458.7	433.4	375.3	316.2
55°	218.0	229.5	246.8	272.2	306.6	349.8	388.4	398.5	361.4	302.9	255.1
57.5°	192.3	200.8	217.8	240.3	273.5	311.7	339.2	337.4	296.5	243.8	209.5
60°	175.3	183.0	199.2	219.8	251.4	285.6	305.0	296.7	255.3	211.8	178.9
62.5°	159.5	166.7	180.3	199.2	226.3	256.1	270.2	258.8	219.7	181.5	155.2
65°	135.5	140.7	151.7	169.2	190.4	211.0	223.6	206.9	172.3	143.4	123.6
67.5°	113.2	117.6	127.3	139.9	154.5	168.8	173.9	158.3	131.3	111.9	97.9
70°	98.7	102.8	109.4	121.2	130.8	140.9	143.4	129.4	106.9	92.1	83.5
72.5°	84.9	88.6	94.4	102.7	109.4	115.2	116.4	103.3	86.1	76.0	69.3
75°	64.7	68.0	71.7	74.8	79.1	80.2	79.7	69.6	60.4	53.6	49.8
77.5°	47.5	49.0	51.2	52.4	52.6	52.5	50.5	44.1	39.2	36.5	35.0
80°	36.6	37.7	38.3	38.7	39.0	36.9	34.6	30.7	29.1	27.4	25.6
82.5°	26.7	27.3	27.9	28.0	26.9	25.1	23.1	21.1	20.0	19.2	18.5
85°	14.4	14.6	14.4	13.4	11.9	11.3	10.9	10.5	10.3	10.1	10.1
87.5°	5.7	5.7	5.3	5.8	6.2	6.4	6.8	7.0	7.1	7.4	7.7
90°	3.2	5.3	7.3	9.4	11.3	13.1	14.9	16.7	18.5	19.8	21.0
92.5°	16.3	14.9	13.5	12.0	12.1	13.7	15.2	16.9	18.5	19.8	21.0
95°	65.0	64.3	63.5	62.7	57.4	47.7	38.0	28.2	18.5	19.8	21.0
97.5°	138.8	140.2	141.5	142.9	133.9	114.7	95.4	76.1	56.8	49.6	42.4
100°	193.6	194.3	195.1	195.9	196.8	197.8	198.9	199.8	200.9	162.6	124.4
102.5°	250.1	251.1	252.1	253.1	253.9	254.5	255.1	255.7	256.3	249.1	241.8
105°	340.5	341.5	342.5	343.6	344.0	344.0	344.0	344.0	344.0	344.0	344.0
107.5°	433.2	433.2	433.2	433.2	433.5	434.0	434.4	435.0	435.5	435.5	435.6
110°	494.2	494.2	494.2	494.2	494.4	494.9	495.4	496.0	496.4	495.7	494.9





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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	552.1	552.7	553.2	553.8	554.4	554.6	554.9	555.3	555.5	554.6	553.6
115°	638.6	639.9	641.1	642.5	643.2	643.5	643.7	644.0	644.3	643.2	642.2
117.5°	726.1	726.1	726.0	726.0	726.5	727.5	728.4	729.4	730.4	729.1	727.7
120°	781.4	781.1	780.9	780.6	780.9	781.6	782.4	783.2	783.9	783.5	782.9
122.5°	831.5	832.5	833.5	834.5	835.2	835.5	835.9	836.2	836.6	836.1	835.5
125°	908.1	909.9	911.7	913.5	914.4	914.4	914.4	914.4	914.4	913.4	912.3
127.5°	979.9	981.1	982.4	983.7	984.3	984.1	984.0	983.8	983.6	983.1	982.6
130°	1024.2	1025.5	1026.8	1028.1	1028.9	1029.1	1029.3	1029.6	1029.8	1029.1	1028.3
132.5°	1068.7	1070.2	1071.7	1073.2	1073.7	1073.1	1072.5	1072.0	1071.4	1071.3	1071.1
135°	1131.8	1133.4	1134.9	1136.5	1136.9	1136.5	1136.0	1135.4	1134.9	1134.4	1133.9
137.5°	1189.5	1190.9	1192.2	1193.6	1194.0	1193.6	1193.1	1192.7	1192.2	1192.3	1192.4
140°	1226.6	1227.2	1227.6	1228.2	1228.3	1228.1	1227.8	1227.5	1227.3	1227.8	1228.3
142.5°	1260.6	1260.9	1261.2	1261.5	1261.9	1262.2	1262.6	1262.9	1263.3	1263.4	1263.5
145°	1310.9	1311.4	1312.0	1312.4	1312.7	1312.7	1312.7	1312.7	1312.7	1313.0	1313.2
147.5°	1354.2	1354.1	1354.0	1353.9	1354.0	1354.2	1354.6	1354.9	1355.2	1355.5	1355.8
150°	1381.4	1381.0	1380.5	1379.9	1379.9	1380.5	1381.0	1381.4	1382.0	1382.5	1383.0
152.5°	1407.7	1406.5	1405.4	1404.3	1403.9	1404.4	1405.0	1405.5	1406.0	1406.5	1407.0
155°	1441.6	1440.1	1438.6	1437.0	1436.5	1437.0	1437.5	1438.1	1438.6	1439.3	1440.1
157.5°	1468.8	1467.8	1467.0	1466.1	1465.6	1465.6	1465.7	1465.8	1465.8	1466.6	1467.5
160°	1486.7	1485.1	1483.5	1482.0	1481.4	1481.7	1481.9	1482.2	1482.5	1483.5	1484.5
162.5°	1501.5	1499.9	1498.3	1496.8	1496.2	1496.5	1496.7	1496.9	1497.2	1498.6	1500.0
165°	1521.3	1519.7	1518.2	1516.7	1516.0	1516.3	1516.5	1516.8	1517.1	1518.6	1520.1
167.5°	1536.1	1534.5	1532.9	1531.2	1530.6	1530.8	1531.1	1531.3	1531.6	1533.5	1535.3
170°	1544.2	1542.3	1540.5	1538.7	1537.9	1538.2	1538.5	1538.7	1539.0	1541.1	1543.1
172.5°	1549.7	1547.9	1546.0	1544.3	1543.6	1544.1	1544.5	1545.0	1545.4	1547.3	1549.2
175°	1555.9	1554.4	1552.8	1551.3	1550.7	1551.0	1551.2	1551.5	1551.7	1553.7	1555.8
177.5°	1559.0	1557.8	1556.6	1555.3	1554.8	1555.1	1555.2	1555.4	1555.6	1557.1	1558.5
180°	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	523.9	523.9	526.6	526.5	528.3	527.6	528.0
5°	563.1	566.6	569.7	571.8	574.9	575.7	575.2
7.5°	603.9	611.6	615.4	620.6	621.5	624.3	624.0
10°	629.0	636.7	642.5	646.9	649.3	652.1	652.4
12.5°	648.8	655.3	660.4	664.6	667.4	668.2	668.8
15°	664.3	671.5	677.4	683.4	687.0	689.6	691.1
17.5°	679.8	691.0	701.5	709.6	714.5	718.6	718.6
20°	691.9	704.6	717.8	727.1	736.6	740.7	741.4
22.5°	704.7	724.2	741.3	755.6	768.1	772.4	774.0
25°	731.5	757.0	783.2	803.3	817.8	826.3	827.5
27.5°	763.8	798.3	825.8	844.5	856.4	862.7	864.1
30°	786.5	818.4	843.1	857.1	862.7	863.5	860.4
32.5°	796.7	820.6	830.5	829.6	818.7	811.5	808.7
35°	784.2	779.3	755.2	726.3	704.3	690.3	686.5
37.5°	713.6	671.0	626.7	583.1	559.9	548.0	527.8
40°	644.1	583.3	537.2	500.5	474.3	453.3	448.4
42.5°	565.6	502.8	456.7	425.3	404.4	390.0	383.7
45°	454.5	400.6	362.4	338.3	322.3	311.7	307.0
47.5°	363.6	321.7	294.0	276.2	263.9	254.8	252.2
50°	313.6	280.2	256.7	241.7	232.4	225.4	222.6
52.5°	272.4	245.4	227.4	215.0	206.3	201.9	199.5
55°	224.8	201.5	188.5	178.6	173.7	170.2	168.5
57.5°	183.9	167.0	157.6	150.7	146.2	143.9	143.1
60°	161.0	147.8	139.1	133.8	130.6	127.8	126.9
62.5°	140.6	130.3	123.6	118.9	115.8	114.6	114.0
65°	113.3	106.6	101.6	98.7	96.2	95.8	95.6
67.5°	90.1	86.1	83.5	80.5	79.6	78.2	77.8
70°	77.0	74.4	71.2	70.3	69.2	67.8	68.0
72.5°	65.4	62.7	60.5	59.2	58.9	58.2	58.8
75°	47.8	47.0	46.2	45.1	44.7	44.7	44.5
77.5°	34.2	33.4	32.5	31.9	31.7	30.9	31.2
80°	24.7	23.7	23.3	23.5	22.8	22.6	22.6
82.5°	18.3	17.9	17.5	17.6	17.4	17.2	17.4
85°	10.1	9.9	9.9	9.7	9.7	9.5	9.5
87.5°	8.1	8.5	8.4	8.4	8.6	8.8	9.2
90°	22.3	23.6	24.6	25.4	26.1	26.9	27.7
92.5°	22.3	23.6	24.4	24.8	25.1	25.5	25.9
95°	22.3	23.6	24.3	24.3	24.3	24.3	24.3
97.5°	35.1	27.8	24.3	24.3	24.3	24.3	24.3
100°	86.2	48.0	28.4	27.3	26.3	25.2	24.3
102.5°	234.6	227.4	215.0	197.6	180.1	162.6	145.3
105°	344.0	344.0	343.9	343.7	343.4	343.1	342.9
107.5°	435.7	435.7	435.3	434.5	433.8	433.0	432.3
110°	494.2	493.4	493.1	493.4	493.7	493.9	494.2



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	552.7	551.7	551.0	550.6	550.3	549.9	549.6
115°	641.1	640.2	638.8	637.3	635.8	634.2	632.7
117.5°	726.4	725.1	724.0	723.4	722.7	722.0	721.4
120°	782.4	781.9	781.0	779.7	778.4	777.1	775.9
122.5°	835.0	834.6	833.5	832.1	830.5	829.0	827.6
125°	911.3	910.3	909.4	908.7	907.9	907.0	906.3
127.5°	982.0	981.4	980.2	978.3	976.4	974.5	972.6
130°	1027.5	1026.8	1025.7	1024.5	1023.1	1021.9	1020.7
132.5°	1070.9	1070.8	1070.1	1068.8	1067.6	1066.2	1065.0
135°	1133.4	1132.8	1131.8	1130.3	1128.7	1127.2	1125.7
137.5°	1192.5	1192.6	1191.9	1190.6	1189.3	1187.9	1186.6
140°	1228.8	1229.3	1228.8	1227.3	1225.7	1224.2	1222.6
142.5°	1263.6	1263.7	1263.0	1261.4	1259.9	1258.4	1256.9
145°	1313.5	1313.8	1313.1	1311.5	1310.0	1308.5	1307.0
147.5°	1356.1	1356.5	1355.7	1353.8	1351.9	1350.1	1348.3
150°	1383.5	1384.0	1383.2	1381.2	1379.1	1377.1	1375.0
152.5°	1407.6	1408.0	1407.4	1405.5	1403.7	1401.9	1400.0
155°	1440.8	1441.6	1441.0	1439.0	1436.9	1434.9	1432.8
157.5°	1468.3	1469.1	1468.5	1466.4	1464.4	1462.3	1460.3
160°	1485.5	1486.6	1486.0	1484.0	1481.9	1479.9	1477.8
162.5°	1501.6	1503.0	1502.5	1500.3	1498.0	1495.8	1493.5
165°	1521.7	1523.2	1523.0	1520.9	1518.9	1516.8	1514.7
167.5°	1537.1	1539.0	1538.7	1536.4	1534.2	1531.9	1529.6
170°	1545.2	1547.2	1547.1	1544.8	1542.5	1540.2	1537.8
172.5°	1551.0	1552.8	1552.6	1550.3	1548.0	1545.7	1543.4
175°	1557.8	1559.9	1559.8	1557.5	1555.1	1552.8	1550.5
177.5°	1560.0	1561.4	1561.3	1559.6	1558.0	1556.3	1554.7
180°	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5	1557.5

(END OF REPORT)