

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: P333672-935

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333672-935
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-7,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125RDIW-S610D1340U935-4F0-1E-UDD-A
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 610 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: 6685.4 lumens
Efficiency: N/A
Efficacy: 124.3 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1.22 / 1.47
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')
CIE Type: Semi-Indirect

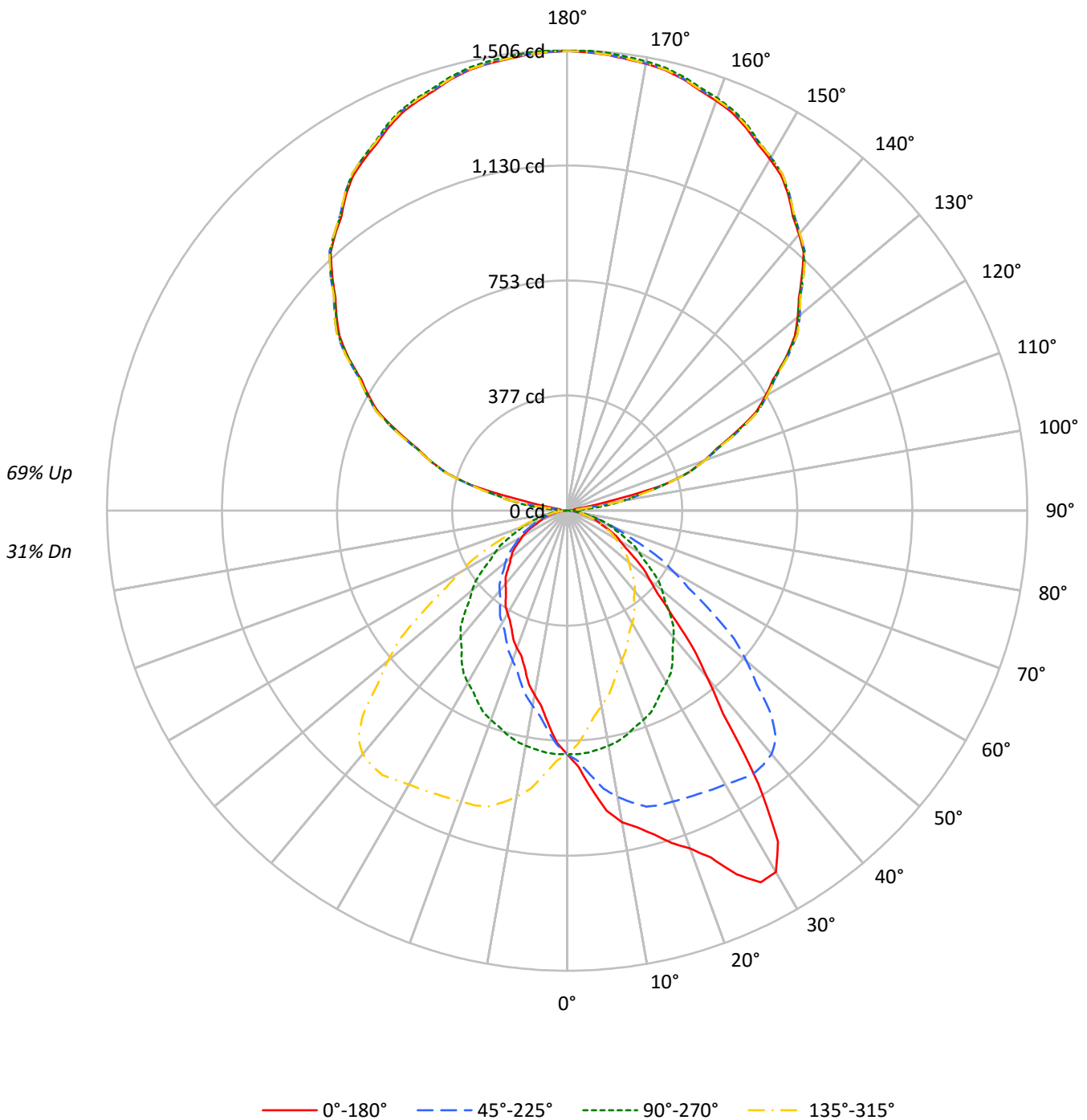
Input Watts (W): 53.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	103	103	103	103	92	92	92	92	73	73	73	55	55	55	39	39	39	31
1	94	90	86	83	84	81	78	75	64	62	60	49	47	46	34	34	33	27
2	86	79	73	68	77	71	66	62	56	53	50	43	41	39	31	29	28	23
3	78	69	62	57	70	62	57	52	50	46	42	38	35	33	27	26	24	19
4	71	61	54	48	64	55	49	44	44	40	36	34	31	28	25	23	21	17
5	66	55	47	41	59	49	43	38	40	35	31	31	27	25	22	20	18	15
6	60	49	41	36	54	44	38	33	36	31	27	28	24	22	20	18	16	13
7	56	44	36	31	50	40	33	29	32	27	24	25	22	19	18	16	14	12
8	52	40	32	27	46	36	30	25	29	24	21	23	19	17	17	15	13	10
9	48	36	29	24	43	33	27	22	27	22	19	21	18	15	16	13	12	9
10	45	33	26	22	40	30	24	20	25	20	17	19	16	14	14	12	11	9

AVERAGE LUMINANCE (cd/sqm):

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



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.4	1.1
10°-20°	223.9	3.3
20°-30°	355.0	5.3
30°-40°	428.1	6.4
40°-50°	382.3	5.7
50°-60°	293.2	4.4
60°-70°	190.5	2.8
70°-80°	92.6	1.4
80°-90°	25.2	0.4
90°-100°	54.6	0.8
100°-110°	336.8	5.0
110°-120°	610.9	9.1
120°-130°	783.9	11.7
130°-140°	843.2	12.6
140°-150°	791.5	11.8
150°-160°	640.2	9.6
160°-170°	414.1	6.2
170°-180°	142.8	2.1
0°-30°	655.3	9.8
0°-40°	1083.4	16.2
0°-60°	1758.9	26.3
0°-90°	2067.3	30.9
90°-120°	1002.3	15.0
90°-150°	3420.9	51.2
90°-180°	4618.0	69.1
0°-180°	6685.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	797	797	797	797	797	
5°	913	795	702	795	913	91
15°	1097	759	534	759	1097	314
25°	1314	692	429	692	1314	603
35°	1090	602	350	602	1090	658
45°	487	474	275	474	487	389
55°	268	335	206	335	268	243
65°	152	209	122	209	152	151
75°	71	101	64	101	71	75
85°	15	23	17	23	15	18
90°	27	1	27	1	27	12
95°	23	64	23	64	23	19
105°	331	328	331	328	331	299
115°	611	615	611	615	611	606
125°	875	875	875	875	875	779
135°	1087	1091	1087	1091	1087	839
145°	1262	1265	1262	1265	1262	788
155°	1384	1393	1384	1393	1384	638
165°	1463	1470	1463	1470	1463	413
175°	1497	1504	1497	1504	1497	142
180°	1504	1504	1504	1504	1504	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	838.1	837.6	838.6	835.7	836.0	831.6	831.6	828.1	823.7	820.3	818.7
5°	913.2	913.9	912.5	907.6	904.3	899.4	893.9	884.1	875.9	868.1	861.9
7.5°	990.5	990.9	986.6	985.2	976.9	970.9	958.6	945.2	933.3	918.3	906.8
10°	1035.5	1035.2	1030.6	1027.0	1019.8	1010.6	998.5	982.8	968.1	951.7	936.1
12.5°	1061.7	1060.8	1059.4	1055.0	1048.4	1040.2	1029.9	1014.5	996.3	978.4	960.2
15°	1097.0	1094.7	1090.5	1084.9	1075.4	1065.9	1054.5	1040.8	1023.4	1003.2	986.1
17.5°	1140.7	1140.7	1134.2	1126.5	1113.6	1096.8	1079.2	1057.0	1033.5	1011.2	993.1
20°	1176.8	1175.8	1169.2	1154.3	1139.5	1118.6	1098.3	1071.2	1042.4	1013.2	990.7
22.5°	1228.6	1226.1	1219.3	1199.5	1176.6	1149.7	1118.7	1085.5	1050.8	1017.7	988.1
25°	1313.5	1311.6	1298.1	1275.2	1243.2	1201.6	1161.1	1115.6	1065.6	1022.1	986.1
27.5°	1371.6	1369.4	1359.5	1340.5	1310.9	1267.2	1212.3	1151.6	1089.1	1029.2	977.3
30°	1365.8	1370.7	1369.4	1360.6	1338.3	1299.1	1248.4	1180.1	1105.8	1035.5	973.7
32.5°	1283.7	1288.1	1299.6	1316.9	1318.2	1302.5	1264.6	1201.5	1124.6	1044.7	970.8
35°	1089.8	1095.7	1117.9	1152.9	1198.7	1237.0	1244.8	1210.8	1141.8	1055.8	966.5
37.5°	837.8	870.0	888.7	925.6	994.7	1065.1	1132.8	1157.8	1128.4	1051.2	959.5
40°	711.7	719.5	752.9	794.4	852.6	925.9	1022.4	1092.1	1094.3	1040.8	948.5
42.5°	609.2	619.1	642.0	675.1	725.0	798.2	897.9	989.8	1032.3	1011.9	934.1
45°	487.3	494.8	511.5	537.0	575.3	635.8	721.5	827.9	912.2	945.2	895.5
47.5°	400.4	404.4	418.9	438.3	466.7	510.7	577.0	669.3	770.6	841.5	834.6
50°	353.3	357.8	368.9	383.7	407.5	444.8	497.8	574.6	679.0	765.7	783.0
52.5°	316.6	320.4	327.4	341.3	360.9	389.6	432.4	502.0	595.8	687.9	728.1
55°	267.5	270.2	275.7	283.5	299.3	319.9	356.8	404.9	480.8	573.7	632.6
57.5°	227.1	228.4	232.0	239.2	250.0	265.1	291.8	332.6	387.0	470.6	535.6
60°	201.5	202.8	207.3	212.2	220.8	234.5	255.5	283.9	336.2	405.3	471.0
62.5°	181.1	181.8	183.8	188.7	196.1	206.8	223.3	246.5	288.1	348.7	410.8
65°	151.8	152.1	152.7	156.7	161.3	169.1	179.9	196.2	227.6	273.5	328.4
67.5°	123.6	124.1	126.4	127.8	132.5	136.6	143.0	155.5	177.6	208.4	251.2
70°	108.0	107.6	109.9	111.5	113.1	118.0	122.3	132.4	146.2	169.8	205.4
72.5°	93.2	92.5	93.4	94.0	96.2	99.5	103.8	109.9	120.5	136.8	164.0
75°	70.7	70.9	70.9	71.6	73.3	74.6	75.9	79.1	85.1	95.8	110.6
77.5°	49.6	49.1	50.5	50.6	51.6	53.0	54.2	55.4	57.9	62.3	69.9
80°	36.0	36.0	36.3	37.3	36.9	37.6	39.3	40.6	43.5	46.1	48.7
82.5°	27.6	27.4	27.6	27.9	27.8	28.4	29.0	29.3	30.4	31.7	33.6
85°	15.1	15.1	15.4	15.4	15.7	15.7	16.0	16.0	16.0	16.4	16.7
87.5°	11.1	10.7	10.2	10.2	10.2	10.6	10.1	9.6	9.3	9.0	9.0
90°	26.8	26.0	25.2	24.5	23.8	22.8	21.5	20.3	19.1	17.8	16.1
92.5°	25.0	24.6	24.3	23.9	23.6	22.8	21.5	20.3	19.1	17.8	16.3
95°	23.4	23.4	23.4	23.4	23.4	22.8	21.5	20.3	19.1	17.8	27.2
97.5°	23.4	23.4	23.4	23.4	23.4	26.9	33.9	40.9	47.9	54.8	73.4
100°	23.4	24.4	25.4	26.3	27.4	46.3	83.3	120.1	157.0	194.0	193.0
102.5°	140.3	157.0	173.9	190.8	207.6	219.6	226.5	233.5	240.5	247.5	246.8
105°	331.1	331.3	331.6	331.8	332.1	332.2	332.2	332.2	332.2	332.2	332.2
107.5°	417.4	418.1	418.9	419.6	420.3	420.7	420.7	420.6	420.5	420.5	420.0
110°	477.2	476.9	476.6	476.4	476.1	476.4	477.2	477.9	478.6	479.3	478.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	530.6	531.0	531.3	531.7	532.0	532.7	533.6	534.5	535.5	536.4	536.1
115°	610.9	612.3	613.9	615.4	616.8	618.1	619.1	620.1	621.0	622.1	621.8
117.5°	696.5	697.2	697.8	698.4	699.0	700.1	701.4	702.7	704.0	705.2	704.3
120°	749.2	750.4	751.6	752.9	754.1	754.9	755.4	756.0	756.5	756.9	756.2
122.5°	799.1	800.5	801.9	803.4	804.8	805.8	806.2	806.8	807.3	807.8	807.4
125°	875.1	875.8	876.6	877.4	878.0	878.9	879.9	880.9	881.9	882.9	882.9
127.5°	939.1	940.9	942.8	944.6	946.4	947.6	948.1	948.7	949.3	949.8	949.9
130°	985.5	986.7	987.9	989.2	990.4	991.4	992.1	992.9	993.7	994.4	994.1
132.5°	1028.3	1029.5	1030.8	1032.0	1033.2	1033.9	1034.1	1034.2	1034.4	1034.5	1035.1
135°	1086.9	1088.4	1089.9	1091.4	1092.9	1093.8	1094.3	1094.8	1095.4	1095.8	1096.3
137.5°	1145.7	1147.0	1148.3	1149.6	1150.9	1151.5	1151.4	1151.3	1151.2	1151.2	1151.6
140°	1180.5	1182.1	1183.5	1185.0	1186.5	1187.0	1186.5	1186.0	1185.5	1185.0	1185.3
142.5°	1213.6	1215.0	1216.5	1218.0	1219.5	1220.2	1220.1	1220.0	1219.9	1219.8	1219.4
145°	1262.0	1263.4	1264.9	1266.4	1267.9	1268.5	1268.3	1268.0	1267.7	1267.5	1267.5
147.5°	1301.8	1303.6	1305.4	1307.2	1309.0	1309.8	1309.4	1309.2	1308.8	1308.5	1308.2
150°	1327.7	1329.6	1331.6	1333.6	1335.6	1336.4	1335.8	1335.4	1334.9	1334.4	1333.9
152.5°	1351.8	1353.6	1355.4	1357.1	1358.9	1359.5	1359.1	1358.6	1358.1	1357.5	1357.1
155°	1383.5	1385.4	1387.4	1389.4	1391.4	1392.0	1391.2	1390.5	1389.7	1389.1	1388.5
157.5°	1410.0	1412.0	1413.9	1415.9	1417.9	1418.5	1417.7	1416.9	1416.1	1415.3	1415.3
160°	1426.9	1428.9	1430.9	1432.9	1434.9	1435.4	1434.3	1433.4	1432.4	1431.4	1431.2
162.5°	1442.1	1444.2	1446.4	1448.6	1450.8	1451.2	1449.8	1448.4	1447.0	1445.6	1445.4
165°	1462.6	1464.6	1466.5	1468.5	1470.5	1470.8	1469.3	1467.7	1466.3	1464.8	1464.6
167.5°	1476.9	1479.1	1481.4	1483.5	1485.7	1486.0	1484.2	1482.5	1480.7	1478.9	1478.6
170°	1484.9	1487.1	1489.4	1491.6	1493.8	1493.9	1491.9	1490.0	1488.0	1486.0	1485.7
172.5°	1490.2	1492.5	1494.7	1496.9	1499.2	1499.3	1497.6	1495.8	1494.0	1492.2	1491.8
175°	1497.1	1499.3	1501.6	1503.8	1506.1	1506.1	1504.2	1502.2	1500.2	1498.2	1498.1
177.5°	1501.2	1502.7	1504.3	1505.9	1507.5	1507.6	1506.2	1504.9	1503.5	1502.0	1501.8
180°	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	818.7	816.9	813.5	810.4	806.4	803.1	800.6	797.8	794.1	789.7	786.0
5°	855.0	847.7	838.3	830.1	819.7	811.5	803.0	794.8	786.6	776.1	767.0
7.5°	895.1	880.3	865.8	847.7	831.1	816.4	802.3	788.0	774.0	759.1	744.8
10°	919.7	901.7	881.8	858.8	837.9	818.0	799.7	781.7	762.8	746.1	728.1
12.5°	942.7	919.5	896.7	867.8	842.7	818.3	795.0	772.6	752.3	730.6	711.3
15°	963.5	940.6	915.2	879.9	844.8	815.4	787.9	758.8	733.7	709.4	687.9
17.5°	971.6	947.6	917.9	884.0	845.8	808.7	773.4	741.4	711.8	683.5	659.3
20°	968.5	945.2	914.8	882.4	841.5	803.0	764.7	729.4	696.3	666.6	640.8
22.5°	960.9	936.9	907.5	873.3	834.5	793.5	752.7	715.0	680.4	649.5	621.4
25°	949.5	916.8	886.7	853.3	816.4	775.8	733.7	692.1	655.1	623.7	593.0
27.5°	937.6	896.8	858.6	825.4	786.4	750.2	709.5	666.9	628.0	596.1	564.6
30°	927.0	881.1	839.0	801.3	764.4	730.0	691.4	649.9	610.0	577.0	544.9
32.5°	913.6	864.9	818.6	775.2	739.5	705.4	670.5	630.8	591.9	557.8	525.3
35°	896.8	834.7	784.3	738.2	698.6	665.6	634.2	602.1	563.2	527.9	496.2
37.5°	874.9	804.3	746.1	695.8	654.1	620.9	596.2	566.8	531.3	497.5	468.0
40°	861.5	782.4	718.6	668.8	625.0	590.0	566.8	541.9	509.5	477.9	448.4
42.5°	843.7	762.2	690.9	639.0	595.0	561.3	537.8	516.1	488.9	459.0	427.5
45°	808.8	723.2	648.2	592.6	548.2	515.1	493.2	473.9	453.3	425.9	398.4
47.5°	763.4	682.4	604.0	543.3	499.7	469.1	447.8	432.6	417.8	394.5	367.8
50°	727.1	648.9	572.4	513.5	467.1	437.9	418.0	405.9	392.4	371.3	349.0
52.5°	684.2	614.4	539.4	479.2	435.4	408.1	388.9	376.9	365.8	348.4	327.3
55°	616.6	555.3	486.6	432.0	391.8	364.4	346.0	334.6	328.0	313.3	296.6
57.5°	538.5	494.6	434.1	381.4	345.9	318.7	305.3	295.6	288.2	277.8	266.0
60°	484.1	453.3	399.0	349.0	316.2	290.4	278.4	270.2	263.3	254.4	245.3
62.5°	428.9	406.5	359.3	316.2	286.2	264.5	253.2	245.8	237.9	232.0	223.1
65°	354.9	334.9	302.2	268.5	240.7	223.4	215.2	208.7	203.8	197.3	191.0
67.5°	276.0	267.9	245.4	222.1	202.2	186.8	179.7	175.1	169.2	165.3	161.0
70°	227.6	223.7	207.7	192.3	173.7	163.2	156.7	154.7	147.5	143.6	140.6
72.5°	184.8	182.9	173.7	163.0	149.9	140.7	134.7	132.4	127.9	124.8	122.9
75°	126.6	127.3	125.6	118.7	113.8	108.0	102.7	101.4	98.2	95.5	93.8
77.5°	80.1	83.4	83.5	83.2	81.3	77.7	75.5	74.5	71.3	70.3	69.9
80°	54.9	58.5	61.8	61.5	60.9	59.8	58.2	57.3	55.6	54.6	54.0
82.5°	36.6	40.0	42.7	44.5	44.3	43.4	42.3	41.8	41.5	40.7	40.6
85°	17.3	18.0	18.9	21.3	22.9	23.2	22.9	22.6	21.6	22.0	22.2
87.5°	8.9	8.5	8.4	8.1	7.4	8.4	8.7	8.6	8.4	8.4	8.2
90°	14.4	12.7	10.9	9.0	7.1	5.1	3.1	1.1	3.1	5.1	7.1
92.5°	14.7	13.3	11.7	11.6	13.0	14.4	15.8	17.1	15.8	14.4	13.0
95°	36.7	46.1	55.4	60.5	61.3	62.1	62.8	63.5	62.8	62.1	61.3
97.5°	92.1	110.7	129.3	138.0	136.6	135.3	134.0	132.7	134.0	135.3	136.6
100°	192.0	191.0	190.0	189.2	188.4	187.6	186.9	186.1	186.9	187.6	188.4
102.5°	246.3	245.7	245.1	244.4	243.4	242.5	241.5	240.6	241.5	242.5	243.4
105°	332.2	332.2	332.2	331.7	330.7	329.8	328.7	327.8	328.7	329.8	330.7
107.5°	419.5	419.0	418.5	418.3	418.3	418.3	418.3	418.3	418.3	418.3	418.3
110°	478.4	477.9	477.3	477.2	477.2	477.2	477.2	477.2	477.2	477.2	477.2



TEST NUMBER: P333672-935

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

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	535.8	535.5	535.3	534.8	534.2	533.6	533.0	532.4	533.0	533.6	534.2
115°	621.6	621.3	621.0	620.4	619.1	617.9	616.6	615.4	616.6	617.9	619.1
117.5°	703.4	702.4	701.5	701.0	701.0	701.1	701.1	701.2	701.1	701.1	701.0
120°	755.4	754.7	754.0	753.7	754.0	754.2	754.5	754.7	754.5	754.2	754.0
122.5°	807.1	806.8	806.4	805.7	804.8	803.8	802.9	801.9	802.9	803.8	804.8
125°	882.9	882.9	882.9	882.0	880.3	878.6	876.8	875.1	876.8	878.6	880.3
127.5°	950.1	950.2	950.4	949.9	948.6	947.4	946.2	944.9	946.2	947.4	948.6
130°	993.9	993.7	993.4	992.6	991.4	990.2	988.9	987.7	988.9	990.2	991.4
132.5°	1035.6	1036.1	1036.7	1036.2	1034.8	1033.4	1031.9	1030.5	1031.9	1033.4	1034.8
135°	1096.8	1097.3	1097.8	1097.3	1095.8	1094.3	1092.9	1091.4	1092.9	1094.3	1095.8
137.5°	1152.0	1152.4	1152.9	1152.4	1151.2	1149.9	1148.6	1147.4	1148.6	1149.9	1151.2
140°	1185.5	1185.8	1186.0	1185.9	1185.3	1184.9	1184.4	1183.9	1184.4	1184.9	1185.3
142.5°	1219.1	1218.7	1218.4	1218.1	1217.8	1217.5	1217.2	1216.9	1217.2	1217.5	1217.8
145°	1267.5	1267.5	1267.5	1267.2	1266.8	1266.3	1265.8	1265.2	1265.8	1266.3	1266.8
147.5°	1307.9	1307.6	1307.3	1307.3	1307.3	1307.4	1307.5	1307.6	1307.5	1307.4	1307.3
150°	1333.4	1332.9	1332.4	1332.4	1332.9	1333.4	1333.9	1334.4	1333.9	1333.4	1332.9
152.5°	1356.6	1356.1	1355.6	1355.9	1357.0	1358.1	1359.2	1360.2	1359.2	1358.1	1357.0
155°	1388.0	1387.5	1387.1	1387.5	1389.1	1390.5	1392.0	1393.4	1392.0	1390.5	1389.1
157.5°	1415.2	1415.1	1415.1	1415.6	1416.4	1417.3	1418.2	1419.1	1418.2	1417.3	1416.4
160°	1430.9	1430.6	1430.4	1431.0	1432.4	1434.0	1435.5	1436.9	1435.5	1434.0	1432.4
162.5°	1445.2	1444.9	1444.7	1445.3	1446.7	1448.2	1449.8	1451.2	1449.8	1448.2	1446.7
165°	1464.3	1464.0	1463.8	1464.5	1465.9	1467.4	1468.9	1470.4	1468.9	1467.4	1465.9
167.5°	1478.3	1478.1	1477.9	1478.5	1480.1	1481.6	1483.2	1484.6	1483.2	1481.6	1480.1
170°	1485.5	1485.2	1485.0	1485.7	1487.5	1489.2	1491.0	1492.7	1491.0	1489.2	1487.5
172.5°	1491.3	1490.9	1490.5	1491.1	1492.8	1494.6	1496.3	1498.1	1496.3	1494.6	1492.8
175°	1497.8	1497.5	1497.3	1497.9	1499.3	1500.9	1502.4	1503.8	1502.4	1500.9	1499.3
177.5°	1501.7	1501.5	1501.2	1501.8	1503.0	1504.2	1505.3	1506.5	1505.3	1504.2	1503.0
180°	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8



TEST NUMBER: P333672-935

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

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	783.4	779.7	777.1	771.9	768.2	766.6	763.8	763.0	765.9	763.8	763.5
5°	760.1	750.6	743.1	735.6	727.4	722.2	714.3	713.0	711.0	708.1	707.5
7.5°	732.2	719.8	710.2	697.7	686.9	678.2	668.4	663.7	661.2	657.4	652.3
10°	713.3	698.6	685.5	673.1	659.7	648.9	639.1	631.5	626.6	622.1	620.1
12.5°	694.7	679.8	663.1	648.0	633.0	620.9	610.0	605.1	599.7	594.3	589.8
15°	665.9	645.9	627.7	610.3	597.5	584.4	574.0	566.8	558.6	556.4	547.5
17.5°	635.3	615.7	594.3	576.0	561.3	546.8	535.4	527.2	521.0	512.6	508.5
20°	616.2	593.0	572.0	555.3	539.0	522.0	510.2	503.3	497.5	490.6	487.3
22.5°	595.8	573.1	551.6	532.1	515.5	498.7	490.3	483.2	476.6	470.2	465.9
25°	565.8	542.9	520.4	500.1	482.8	470.6	460.8	452.6	449.1	442.8	438.2
27.5°	536.2	511.9	488.4	468.2	454.6	442.6	434.6	428.2	421.6	416.2	412.2
30°	517.1	492.2	466.7	450.7	436.3	424.9	416.0	409.8	404.9	400.0	397.1
32.5°	498.0	472.3	449.7	432.4	418.8	408.9	399.8	393.8	388.7	383.2	379.8
35°	467.4	441.2	422.9	405.9	392.4	383.3	377.1	368.6	364.4	360.4	356.8
37.5°	438.9	414.6	394.8	379.9	368.2	359.1	351.1	346.5	341.3	337.8	334.8
40°	418.0	395.7	377.8	362.1	353.5	343.5	335.9	330.0	326.1	321.5	318.2
42.5°	399.2	378.5	361.0	346.9	336.3	327.7	320.5	314.6	309.6	306.3	303.6
45°	372.6	351.9	334.9	321.8	312.0	303.8	296.4	293.3	286.8	282.9	281.6
47.5°	345.0	326.6	310.1	298.1	288.0	280.3	273.2	267.3	263.6	259.8	257.7
50°	326.4	308.8	293.3	281.6	271.8	263.3	256.8	252.8	247.9	244.4	241.7
52.5°	307.8	291.4	276.1	264.8	256.3	247.9	240.6	236.6	232.0	229.6	227.8
55°	281.3	264.0	250.9	239.7	230.9	223.1	216.2	212.2	209.3	207.1	206.4
57.5°	251.2	237.5	225.3	215.2	206.1	198.7	192.7	189.0	186.4	186.1	184.1
60°	231.5	219.1	208.0	197.3	189.3	182.5	177.3	173.1	170.4	170.0	169.4
62.5°	212.0	200.0	189.7	180.2	173.1	166.5	161.6	156.8	155.2	153.6	152.1
65°	182.8	172.0	163.5	156.0	148.5	142.9	138.0	135.1	131.5	129.5	126.0
67.5°	154.2	145.9	137.7	131.4	125.4	120.2	116.1	111.8	109.3	107.7	105.1
70°	135.4	128.9	120.7	113.8	109.3	105.0	101.7	96.8	95.1	93.8	92.6
72.5°	117.6	111.8	105.0	99.4	94.9	90.8	87.0	84.8	83.2	81.8	81.0
75°	92.6	87.0	81.1	77.1	74.0	70.7	68.7	67.1	66.4	66.0	64.7
77.5°	67.9	65.0	60.3	57.2	55.0	53.7	51.9	51.1	51.1	49.6	49.2
80°	52.0	50.4	46.4	45.1	43.5	42.2	41.2	39.6	38.0	37.3	36.3
82.5°	38.7	37.0	35.5	33.3	32.0	31.2	30.2	29.6	29.8	28.9	28.4
85°	20.6	18.9	18.3	18.0	17.3	18.0	17.7	17.3	17.0	16.7	17.0
87.5°	8.4	8.7	8.8	9.6	9.2	9.8	10.1	10.1	10.3	10.6	10.5
90°	9.0	10.9	12.7	14.4	16.1	17.8	19.1	20.3	21.5	22.8	23.8
92.5°	11.6	11.7	13.3	14.7	16.3	17.8	19.1	20.3	21.5	22.8	23.6
95°	60.5	55.4	46.1	36.7	27.2	17.8	19.1	20.3	21.5	22.8	23.4
97.5°	138.0	129.3	110.7	92.1	73.4	54.8	47.9	40.9	33.9	26.9	23.4
100°	189.2	190.0	191.0	192.0	193.0	194.0	157.0	120.1	83.3	46.3	27.4
102.5°	244.4	245.1	245.7	246.3	246.8	247.5	240.5	233.5	226.5	219.6	207.6
105°	331.7	332.2	332.2	332.2	332.2	332.2	332.2	332.2	332.2	332.2	332.1
107.5°	418.3	418.5	419.0	419.5	420.0	420.5	420.5	420.6	420.7	420.7	420.3
110°	477.2	477.3	477.9	478.4	478.9	479.3	478.6	477.9	477.2	476.4	476.1



TEST NUMBER: P333672-935

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

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	534.8	535.3	535.5	535.8	536.1	536.4	535.5	534.5	533.6	532.7	532.0
115°	620.4	621.0	621.3	621.6	621.8	622.1	621.0	620.1	619.1	618.1	616.8
117.5°	701.0	701.5	702.4	703.4	704.3	705.2	704.0	702.7	701.4	700.1	699.0
120°	753.7	754.0	754.7	755.4	756.2	756.9	756.5	756.0	755.4	754.9	754.1
122.5°	805.7	806.4	806.8	807.1	807.4	807.8	807.3	806.8	806.2	805.8	804.8
125°	882.0	882.9	882.9	882.9	882.9	882.9	881.9	880.9	879.9	878.9	878.0
127.5°	949.9	950.4	950.2	950.1	949.9	949.8	949.3	948.7	948.1	947.6	946.4
130°	992.6	993.4	993.7	993.9	994.1	994.4	993.7	992.9	992.1	991.4	990.4
132.5°	1036.2	1036.7	1036.1	1035.6	1035.1	1034.5	1034.4	1034.2	1034.1	1033.9	1033.2
135°	1097.3	1097.8	1097.3	1096.8	1096.3	1095.8	1095.4	1094.8	1094.3	1093.8	1092.9
137.5°	1152.4	1152.9	1152.4	1152.0	1151.6	1151.2	1151.2	1151.3	1151.4	1151.5	1150.9
140°	1185.9	1186.0	1185.8	1185.5	1185.3	1185.0	1185.5	1186.0	1186.5	1187.0	1186.5
142.5°	1218.1	1218.4	1218.7	1219.1	1219.4	1219.8	1219.9	1220.0	1220.1	1220.2	1219.5
145°	1267.2	1267.5	1267.5	1267.5	1267.5	1267.5	1267.7	1268.0	1268.3	1268.5	1267.9
147.5°	1307.3	1307.3	1307.6	1307.9	1308.2	1308.5	1308.8	1309.2	1309.4	1309.8	1309.0
150°	1332.4	1332.4	1332.9	1333.4	1333.9	1334.4	1334.9	1335.4	1335.8	1336.4	1335.6
152.5°	1355.9	1355.6	1356.1	1356.6	1357.1	1357.5	1358.1	1358.6	1359.1	1359.5	1358.9
155°	1387.5	1387.1	1387.5	1388.0	1388.5	1389.1	1389.7	1390.5	1391.2	1392.0	1391.4
157.5°	1415.6	1415.1	1415.1	1415.2	1415.3	1415.3	1416.1	1416.9	1417.7	1418.5	1417.9
160°	1431.0	1430.4	1430.6	1430.9	1431.2	1431.4	1432.4	1433.4	1434.3	1435.4	1434.9
162.5°	1445.3	1444.7	1444.9	1445.2	1445.4	1445.6	1447.0	1448.4	1449.8	1451.2	1450.8
165°	1464.5	1463.8	1464.0	1464.3	1464.6	1464.8	1466.3	1467.7	1469.3	1470.8	1470.5
167.5°	1478.5	1477.9	1478.1	1478.3	1478.6	1478.9	1480.7	1482.5	1484.2	1486.0	1485.7
170°	1485.7	1485.0	1485.2	1485.5	1485.7	1486.0	1488.0	1490.0	1491.9	1493.9	1493.8
172.5°	1491.1	1490.5	1490.9	1491.3	1491.8	1492.2	1494.0	1495.8	1497.6	1499.3	1499.2
175°	1497.9	1497.3	1497.5	1497.8	1498.1	1498.2	1500.2	1502.2	1504.2	1506.1	1506.1
177.5°	1501.8	1501.2	1501.5	1501.7	1501.8	1502.0	1503.5	1504.9	1506.2	1507.6	1507.5
180°	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8



TEST NUMBER: P333672-935

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

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	763.3	760.3	759.6	760.6	759.6	760.3	763.3	763.5	763.8	765.9	763.0
5°	704.2	700.9	702.6	701.9	702.6	700.9	704.2	707.5	708.1	711.0	713.0
7.5°	652.2	648.2	643.9	645.2	643.9	648.2	652.2	652.3	657.4	661.2	663.7
10°	615.9	612.6	610.6	612.3	610.6	612.6	615.9	620.1	622.1	626.6	631.5
12.5°	585.2	583.3	581.6	580.9	581.6	583.3	585.2	589.8	594.3	599.7	605.1
15°	543.5	539.7	538.0	533.8	538.0	539.7	543.5	547.5	556.4	558.6	566.8
17.5°	505.1	503.9	499.6	497.8	499.6	503.9	505.1	508.5	512.6	521.0	527.2
20°	482.4	481.1	476.9	479.5	476.9	481.1	482.4	487.3	490.6	497.5	503.3
22.5°	463.6	460.7	459.3	458.6	459.3	460.7	463.6	465.9	470.2	476.6	483.2
25°	437.0	432.7	431.1	429.1	431.1	432.7	437.0	438.2	442.8	449.1	452.6
27.5°	410.4	408.1	406.0	405.4	406.0	408.1	410.4	412.2	416.2	421.6	428.2
30°	393.1	390.8	389.2	389.2	389.2	390.8	393.1	397.1	400.0	404.9	409.8
32.5°	377.7	375.9	374.3	374.0	374.3	375.9	377.7	379.8	383.2	388.7	393.8
35°	355.2	352.6	351.9	350.0	351.9	352.6	355.2	356.8	360.4	364.4	368.6
37.5°	331.8	329.7	329.6	329.4	329.6	329.7	331.8	334.8	337.8	341.3	346.5
40°	316.9	315.3	315.0	312.7	315.0	315.3	316.9	318.2	321.5	326.1	330.0
42.5°	301.0	300.1	299.0	298.0	299.0	300.1	301.0	303.6	306.3	309.6	314.6
45°	279.3	277.1	277.1	275.4	277.1	277.1	279.3	281.6	282.9	286.8	293.3
47.5°	256.9	255.2	255.4	253.7	255.4	255.2	256.9	257.7	259.8	263.6	267.3
50°	242.0	241.1	240.7	240.0	240.7	241.1	242.0	241.7	244.4	247.9	252.8
52.5°	227.1	226.7	227.9	226.4	227.9	226.7	227.1	227.8	229.6	232.0	236.6
55°	207.1	206.0	208.0	206.0	208.0	206.0	207.1	206.4	207.1	209.3	212.2
57.5°	183.9	183.0	184.8	183.8	184.8	183.0	183.9	184.1	186.1	186.4	189.0
60°	168.8	166.8	167.8	168.2	167.8	166.8	168.8	169.4	170.0	170.4	173.1
62.5°	150.7	149.6	150.2	148.8	150.2	149.6	150.7	152.1	153.6	155.2	156.8
65°	125.3	124.3	123.0	122.3	123.0	124.3	125.3	126.0	129.5	131.5	135.1
67.5°	105.2	102.9	102.8	103.3	102.8	102.9	105.2	105.1	107.7	109.3	111.8
70°	90.6	90.6	90.2	90.2	90.2	90.6	90.6	92.6	93.8	95.1	96.8
72.5°	80.4	80.2	79.6	79.3	79.6	80.2	80.4	81.0	81.8	83.2	84.8
75°	64.7	65.1	64.4	64.1	64.4	65.1	64.7	64.7	66.0	66.4	67.1
77.5°	47.8	46.4	47.2	46.4	47.2	46.4	47.8	49.2	49.6	51.1	51.1
80°	36.3	36.0	36.9	36.0	36.9	36.0	36.3	36.3	37.3	38.0	39.6
82.5°	28.8	28.4	28.8	28.2	28.8	28.4	28.8	28.4	28.9	29.8	29.6
85°	17.3	17.0	16.7	17.0	16.7	17.0	17.3	17.0	16.7	17.0	17.3
87.5°	10.9	10.8	10.9	11.1	10.9	10.8	10.9	10.5	10.6	10.3	10.1
90°	24.5	25.2	26.0	26.8	26.0	25.2	24.5	23.8	22.8	21.5	20.3
92.5°	23.9	24.3	24.6	25.0	24.6	24.3	23.9	23.6	22.8	21.5	20.3
95°	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	22.8	21.5	20.3
97.5°	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	26.9	33.9	40.9
100°	26.3	25.4	24.4	23.4	24.4	25.4	26.3	27.4	46.3	83.3	120.1
102.5°	190.8	173.9	157.0	140.3	157.0	173.9	190.8	207.6	219.6	226.5	233.5
105°	331.8	331.6	331.3	331.1	331.3	331.6	331.8	332.1	332.2	332.2	332.2
107.5°	419.6	418.9	418.1	417.4	418.1	418.9	419.6	420.3	420.7	420.7	420.6
110°	476.4	476.6	476.9	477.2	476.9	476.6	476.4	476.1	476.4	477.2	477.9



TEST NUMBER: P333672-935

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

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	531.7	531.3	531.0	530.6	531.0	531.3	531.7	532.0	532.7	533.6	534.5
115°	615.4	613.9	612.3	610.9	612.3	613.9	615.4	616.8	618.1	619.1	620.1
117.5°	698.4	697.8	697.2	696.5	697.2	697.8	698.4	699.0	700.1	701.4	702.7
120°	752.9	751.6	750.4	749.2	750.4	751.6	752.9	754.1	754.9	755.4	756.0
122.5°	803.4	801.9	800.5	799.1	800.5	801.9	803.4	804.8	805.8	806.2	806.8
125°	877.4	876.6	875.8	875.1	875.8	876.6	877.4	878.0	878.9	879.9	880.9
127.5°	944.6	942.8	940.9	939.1	940.9	942.8	944.6	946.4	947.6	948.1	948.7
130°	989.2	987.9	986.7	985.5	986.7	987.9	989.2	990.4	991.4	992.1	992.9
132.5°	1032.0	1030.8	1029.5	1028.3	1029.5	1030.8	1032.0	1033.2	1033.9	1034.1	1034.2
135°	1091.4	1089.9	1088.4	1086.9	1088.4	1089.9	1091.4	1092.9	1093.8	1094.3	1094.8
137.5°	1149.6	1148.3	1147.0	1145.7	1147.0	1148.3	1149.6	1150.9	1151.5	1151.4	1151.3
140°	1185.0	1183.5	1182.1	1180.5	1182.1	1183.5	1185.0	1186.5	1187.0	1186.5	1186.0
142.5°	1218.0	1216.5	1215.0	1213.6	1215.0	1216.5	1218.0	1219.5	1220.2	1220.1	1220.0
145°	1266.4	1264.9	1263.4	1262.0	1263.4	1264.9	1266.4	1267.9	1268.5	1268.3	1268.0
147.5°	1307.2	1305.4	1303.6	1301.8	1303.6	1305.4	1307.2	1309.0	1309.8	1309.4	1309.2
150°	1333.6	1331.6	1329.6	1327.7	1329.6	1331.6	1333.6	1335.6	1336.4	1335.8	1335.4
152.5°	1357.1	1355.4	1353.6	1351.8	1353.6	1355.4	1357.1	1358.9	1359.5	1359.1	1358.6
155°	1389.4	1387.4	1385.4	1383.5	1385.4	1387.4	1389.4	1391.4	1392.0	1391.2	1390.5
157.5°	1415.9	1413.9	1412.0	1410.0	1412.0	1413.9	1415.9	1417.9	1418.5	1417.7	1416.9
160°	1432.9	1430.9	1428.9	1426.9	1428.9	1430.9	1432.9	1434.9	1435.4	1434.3	1433.4
162.5°	1448.6	1446.4	1444.2	1442.1	1444.2	1446.4	1448.6	1450.8	1451.2	1449.8	1448.4
165°	1468.5	1466.5	1464.6	1462.6	1464.6	1466.5	1468.5	1470.5	1470.8	1469.3	1467.7
167.5°	1483.5	1481.4	1479.1	1476.9	1479.1	1481.4	1483.5	1485.7	1486.0	1484.2	1482.5
170°	1491.6	1489.4	1487.1	1484.9	1487.1	1489.4	1491.6	1493.8	1493.9	1491.9	1490.0
172.5°	1496.9	1494.7	1492.5	1490.2	1492.5	1494.7	1496.9	1499.2	1499.3	1497.6	1495.8
175°	1503.8	1501.6	1499.3	1497.1	1499.3	1501.6	1503.8	1506.1	1506.1	1504.2	1502.2
177.5°	1505.9	1504.3	1502.7	1501.2	1502.7	1504.3	1505.9	1507.5	1507.6	1506.2	1504.9
180°	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8



TEST NUMBER: P333672-935

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

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	763.8	766.6	768.2	771.9	777.1	779.7	783.4	786.0	789.7	794.1	797.8
5°	714.3	722.2	727.4	735.6	743.1	750.6	760.1	767.0	776.1	786.6	794.8
7.5°	668.4	678.2	686.9	697.7	710.2	719.8	732.2	744.8	759.1	774.0	788.0
10°	639.1	648.9	659.7	673.1	685.5	698.6	713.3	728.1	746.1	762.8	781.7
12.5°	610.0	620.9	633.0	648.0	663.1	679.8	694.7	711.3	730.6	752.3	772.6
15°	574.0	584.4	597.5	610.3	627.7	645.9	665.9	687.9	709.4	733.7	758.8
17.5°	535.4	546.8	561.3	576.0	594.3	615.7	635.3	659.3	683.5	711.8	741.4
20°	510.2	522.0	539.0	555.3	572.0	593.0	616.2	640.8	666.6	696.3	729.4
22.5°	490.3	498.7	515.5	532.1	551.6	573.1	595.8	621.4	649.5	680.4	715.0
25°	460.8	470.6	482.8	500.1	520.4	542.9	565.8	593.0	623.7	655.1	692.1
27.5°	434.6	442.6	454.6	468.2	488.4	511.9	536.2	564.6	596.1	628.0	666.9
30°	416.0	424.9	436.3	450.7	466.7	492.2	517.1	544.9	577.0	610.0	649.9
32.5°	399.8	408.9	418.8	432.4	449.7	472.3	498.0	525.3	557.8	591.9	630.8
35°	377.1	383.3	392.4	405.9	422.9	441.2	467.4	496.2	527.9	563.2	602.1
37.5°	351.1	359.1	368.2	379.9	394.8	414.6	438.9	468.0	497.5	531.3	566.8
40°	335.9	343.5	353.5	362.1	377.8	395.7	418.0	448.4	477.9	509.5	541.9
42.5°	320.5	327.7	336.3	346.9	361.0	378.5	399.2	427.5	459.0	488.9	516.1
45°	296.4	303.8	312.0	321.8	334.9	351.9	372.6	398.4	425.9	453.3	473.9
47.5°	273.2	280.3	288.0	298.1	310.1	326.6	345.0	367.8	394.5	417.8	432.6
50°	256.8	263.3	271.8	281.6	293.3	308.8	326.4	349.0	371.3	392.4	405.9
52.5°	240.6	247.9	256.3	264.8	276.1	291.4	307.8	327.3	348.4	365.8	376.9
55°	216.2	223.1	230.9	239.7	250.9	264.0	281.3	296.6	313.3	328.0	334.6
57.5°	192.7	198.7	206.1	215.2	225.3	237.5	251.2	266.0	277.8	288.2	295.6
60°	177.3	182.5	189.3	197.3	208.0	219.1	231.5	245.3	254.4	263.3	270.2
62.5°	161.6	166.5	173.1	180.2	189.7	200.0	212.0	223.1	232.0	237.9	245.8
65°	138.0	142.9	148.5	156.0	163.5	172.0	182.8	191.0	197.3	203.8	208.7
67.5°	116.1	120.2	125.4	131.4	137.7	145.9	154.2	161.0	165.3	169.2	175.1
70°	101.7	105.0	109.3	113.8	120.7	128.9	135.4	140.6	143.6	147.5	154.7
72.5°	87.0	90.8	94.9	99.4	105.0	111.8	117.6	122.9	124.8	127.9	132.4
75°	68.7	70.7	74.0	77.1	81.1	87.0	92.6	93.8	95.5	98.2	101.4
77.5°	51.9	53.7	55.0	57.2	60.3	65.0	67.9	69.9	70.3	71.3	74.5
80°	41.2	42.2	43.5	45.1	46.4	50.4	52.0	54.0	54.6	55.6	57.3
82.5°	30.2	31.2	32.0	33.3	35.5	37.0	38.7	40.6	40.7	41.5	41.8
85°	17.7	18.0	17.3	18.0	18.3	18.9	20.6	22.2	22.0	21.6	22.6
87.5°	10.1	9.8	9.2	9.6	8.8	8.7	8.4	8.2	8.4	8.4	8.6
90°	19.1	17.8	16.1	14.4	12.7	10.9	9.0	7.1	5.1	3.1	1.1
92.5°	19.1	17.8	16.3	14.7	13.3	11.7	11.6	13.0	14.4	15.8	17.1
95°	19.1	17.8	27.2	36.7	46.1	55.4	60.5	61.3	62.1	62.8	63.5
97.5°	47.9	54.8	73.4	92.1	110.7	129.3	138.0	136.6	135.3	134.0	132.7
100°	157.0	194.0	193.0	192.0	191.0	190.0	189.2	188.4	187.6	186.9	186.1
102.5°	240.5	247.5	246.8	246.3	245.7	245.1	244.4	243.4	242.5	241.5	240.6
105°	332.2	332.2	332.2	332.2	332.2	332.2	331.7	330.7	329.8	328.7	327.8
107.5°	420.5	420.5	420.0	419.5	419.0	418.5	418.3	418.3	418.3	418.3	418.3
110°	478.6	479.3	478.9	478.4	477.9	477.3	477.2	477.2	477.2	477.2	477.2



TEST NUMBER: P333672-935

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

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	535.5	536.4	536.1	535.8	535.5	535.3	534.8	534.2	533.6	533.0	532.4
115°	621.0	622.1	621.8	621.6	621.3	621.0	620.4	619.1	617.9	616.6	615.4
117.5°	704.0	705.2	704.3	703.4	702.4	701.5	701.0	701.0	701.1	701.1	701.2
120°	756.5	756.9	756.2	755.4	754.7	754.0	753.7	754.0	754.2	754.5	754.7
122.5°	807.3	807.8	807.4	807.1	806.8	806.4	805.7	804.8	803.8	802.9	801.9
125°	881.9	882.9	882.9	882.9	882.9	882.9	882.0	880.3	878.6	876.8	875.1
127.5°	949.3	949.8	949.9	950.1	950.2	950.4	949.9	948.6	947.4	946.2	944.9
130°	993.7	994.4	994.1	993.9	993.7	993.4	992.6	991.4	990.2	988.9	987.7
132.5°	1034.4	1034.5	1035.1	1035.6	1036.1	1036.7	1036.2	1034.8	1033.4	1031.9	1030.5
135°	1095.4	1095.8	1096.3	1096.8	1097.3	1097.8	1097.3	1095.8	1094.3	1092.9	1091.4
137.5°	1151.2	1151.2	1151.6	1152.0	1152.4	1152.9	1152.4	1151.2	1149.9	1148.6	1147.4
140°	1185.5	1185.0	1185.3	1185.5	1185.8	1186.0	1185.9	1185.3	1184.9	1184.4	1183.9
142.5°	1219.9	1219.8	1219.4	1219.1	1218.7	1218.4	1218.1	1217.8	1217.5	1217.2	1216.9
145°	1267.7	1267.5	1267.5	1267.5	1267.5	1267.5	1267.2	1266.8	1266.3	1265.8	1265.2
147.5°	1308.8	1308.5	1308.2	1307.9	1307.6	1307.3	1307.3	1307.3	1307.4	1307.5	1307.6
150°	1334.9	1334.4	1333.9	1333.4	1332.9	1332.4	1332.4	1332.9	1333.4	1333.9	1334.4
152.5°	1358.1	1357.5	1357.1	1356.6	1356.1	1355.6	1355.9	1357.0	1358.1	1359.2	1360.2
155°	1389.7	1389.1	1388.5	1388.0	1387.5	1387.1	1387.5	1389.1	1390.5	1392.0	1393.4
157.5°	1416.1	1415.3	1415.3	1415.2	1415.1	1415.1	1415.6	1416.4	1417.3	1418.2	1419.1
160°	1432.4	1431.4	1431.2	1430.9	1430.6	1430.4	1431.0	1432.4	1434.0	1435.5	1436.9
162.5°	1447.0	1445.6	1445.4	1445.2	1444.9	1444.7	1445.3	1446.7	1448.2	1449.8	1451.2
165°	1466.3	1464.8	1464.6	1464.3	1464.0	1463.8	1464.5	1465.9	1467.4	1468.9	1470.4
167.5°	1480.7	1478.9	1478.6	1478.3	1478.1	1477.9	1478.5	1480.1	1481.6	1483.2	1484.6
170°	1488.0	1486.0	1485.7	1485.5	1485.2	1485.0	1485.7	1487.5	1489.2	1491.0	1492.7
172.5°	1494.0	1492.2	1491.8	1491.3	1490.9	1490.5	1491.1	1492.8	1494.6	1496.3	1498.1
175°	1500.2	1498.2	1498.1	1497.8	1497.5	1497.3	1497.9	1499.3	1500.9	1502.4	1503.8
177.5°	1503.5	1502.0	1501.8	1501.7	1501.5	1501.2	1501.8	1503.0	1504.2	1505.3	1506.5
180°	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8



TEST NUMBER: P333672-935

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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	800.6	803.1	806.4	810.4	813.5	816.9	818.7	818.7	820.3	823.7	828.1
5°	803.0	811.5	819.7	830.1	838.3	847.7	855.0	861.9	868.1	875.9	884.1
7.5°	802.3	816.4	831.1	847.7	865.8	880.3	895.1	906.8	918.3	933.3	945.2
10°	799.7	818.0	837.9	858.8	881.8	901.7	919.7	936.1	951.7	968.1	982.8
12.5°	795.0	818.3	842.7	867.8	896.7	919.5	942.7	960.2	978.4	996.3	1014.5
15°	787.9	815.4	844.8	879.9	915.2	940.6	963.5	986.1	1003.2	1023.4	1040.8
17.5°	773.4	808.7	845.8	884.0	917.9	947.6	971.6	993.1	1011.2	1033.5	1057.0
20°	764.7	803.0	841.5	882.4	914.8	945.2	968.5	990.7	1013.2	1042.4	1071.2
22.5°	752.7	793.5	834.5	873.3	907.5	936.9	960.9	988.1	1017.7	1050.8	1085.5
25°	733.7	775.8	816.4	853.3	886.7	916.8	949.5	986.1	1022.1	1065.6	1115.6
27.5°	709.5	750.2	786.4	825.4	858.6	896.8	937.6	977.3	1029.2	1089.1	1151.6
30°	691.4	730.0	764.4	801.3	839.0	881.1	927.0	973.7	1035.5	1105.8	1180.1
32.5°	670.5	705.4	739.5	775.2	818.6	864.9	913.6	970.8	1044.7	1124.6	1201.5
35°	634.2	665.6	698.6	738.2	784.3	834.7	896.8	966.5	1055.8	1141.8	1210.8
37.5°	596.2	620.9	654.1	695.8	746.1	804.3	874.9	959.5	1051.2	1128.4	1157.8
40°	566.8	590.0	625.0	668.8	718.6	782.4	861.5	948.5	1040.8	1094.3	1092.1
42.5°	537.8	561.3	595.0	639.0	690.9	762.2	843.7	934.1	1011.9	1032.3	989.8
45°	493.2	515.1	548.2	592.6	648.2	723.2	808.8	895.5	945.2	912.2	827.9
47.5°	447.8	469.1	499.7	543.3	604.0	682.4	763.4	834.6	841.5	770.6	669.3
50°	418.0	437.9	467.1	513.5	572.4	648.9	727.1	783.0	765.7	679.0	574.6
52.5°	388.9	408.1	435.4	479.2	539.4	614.4	684.2	728.1	687.9	595.8	502.0
55°	346.0	364.4	391.8	432.0	486.6	555.3	616.6	632.6	573.7	480.8	404.9
57.5°	305.3	318.7	345.9	381.4	434.1	494.6	538.5	535.6	470.6	387.0	332.6
60°	278.4	290.4	316.2	349.0	399.0	453.3	484.1	471.0	405.3	336.2	283.9
62.5°	253.2	264.5	286.2	316.2	359.3	406.5	428.9	410.8	348.7	288.1	246.5
65°	215.2	223.4	240.7	268.5	302.2	334.9	354.9	328.4	273.5	227.6	196.2
67.5°	179.7	186.8	202.2	222.1	245.4	267.9	276.0	251.2	208.4	177.6	155.5
70°	156.7	163.2	173.7	192.3	207.7	223.7	227.6	205.4	169.8	146.2	132.4
72.5°	134.7	140.7	149.9	163.0	173.7	182.9	184.8	164.0	136.8	120.5	109.9
75°	102.7	108.0	113.8	118.7	125.6	127.3	126.6	110.6	95.8	85.1	79.1
77.5°	75.5	77.7	81.3	83.2	83.5	83.4	80.1	69.9	62.3	57.9	55.4
80°	58.2	59.8	60.9	61.5	61.8	58.5	54.9	48.7	46.1	43.5	40.6
82.5°	42.3	43.4	44.3	44.5	42.7	40.0	36.6	33.6	31.7	30.4	29.3
85°	22.9	23.2	22.9	21.3	18.9	18.0	17.3	16.7	16.4	16.0	16.0
87.5°	8.7	8.4	7.4	8.1	8.4	8.5	8.9	9.0	9.0	9.3	9.6
90°	3.1	5.1	7.1	9.0	10.9	12.7	14.4	16.1	17.8	19.1	20.3
92.5°	15.8	14.4	13.0	11.6	11.7	13.3	14.7	16.3	17.8	19.1	20.3
95°	62.8	62.1	61.3	60.5	55.4	46.1	36.7	27.2	17.8	19.1	20.3
97.5°	134.0	135.3	136.6	138.0	129.3	110.7	92.1	73.4	54.8	47.9	40.9
100°	186.9	187.6	188.4	189.2	190.0	191.0	192.0	193.0	194.0	157.0	120.1
102.5°	241.5	242.5	243.4	244.4	245.1	245.7	246.3	246.8	247.5	240.5	233.5
105°	328.7	329.8	330.7	331.7	332.2	332.2	332.2	332.2	332.2	332.2	332.2
107.5°	418.3	418.3	418.3	418.3	418.5	419.0	419.5	420.0	420.5	420.5	420.6
110°	477.2	477.2	477.2	477.2	477.3	477.9	478.4	478.9	479.3	478.6	477.9



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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	533.0	533.6	534.2	534.8	535.3	535.5	535.8	536.1	536.4	535.5	534.5
115°	616.6	617.9	619.1	620.4	621.0	621.3	621.6	621.8	622.1	621.0	620.1
117.5°	701.1	701.1	701.0	701.0	701.5	702.4	703.4	704.3	705.2	704.0	702.7
120°	754.5	754.2	754.0	753.7	754.0	754.7	755.4	756.2	756.9	756.5	756.0
122.5°	802.9	803.8	804.8	805.7	806.4	806.8	807.1	807.4	807.8	807.3	806.8
125°	876.8	878.6	880.3	882.0	882.9	882.9	882.9	882.9	882.9	881.9	880.9
127.5°	946.2	947.4	948.6	949.9	950.4	950.2	950.1	949.9	949.8	949.3	948.7
130°	988.9	990.2	991.4	992.6	993.4	993.7	993.9	994.1	994.4	993.7	992.9
132.5°	1031.9	1033.4	1034.8	1036.2	1036.7	1036.1	1035.6	1035.1	1034.5	1034.4	1034.2
135°	1092.9	1094.3	1095.8	1097.3	1097.8	1097.3	1096.8	1096.3	1095.8	1095.4	1094.8
137.5°	1148.6	1149.9	1151.2	1152.4	1152.9	1152.4	1152.0	1151.6	1151.2	1151.2	1151.3
140°	1184.4	1184.9	1185.3	1185.9	1186.0	1185.8	1185.5	1185.3	1185.0	1185.5	1186.0
142.5°	1217.2	1217.5	1217.8	1218.1	1218.4	1218.7	1219.1	1219.4	1219.8	1219.9	1220.0
145°	1265.8	1266.3	1266.8	1267.2	1267.5	1267.5	1267.5	1267.5	1267.5	1267.7	1268.0
147.5°	1307.5	1307.4	1307.3	1307.3	1307.3	1307.6	1307.9	1308.2	1308.5	1308.8	1309.2
150°	1333.9	1333.4	1332.9	1332.4	1332.4	1332.9	1333.4	1333.9	1334.4	1334.9	1335.4
152.5°	1359.2	1358.1	1357.0	1355.9	1355.6	1356.1	1356.6	1357.1	1357.5	1358.1	1358.6
155°	1392.0	1390.5	1389.1	1387.5	1387.1	1387.5	1388.0	1388.5	1389.1	1389.7	1390.5
157.5°	1418.2	1417.3	1416.4	1415.6	1415.1	1415.1	1415.2	1415.3	1415.3	1416.1	1416.9
160°	1435.5	1434.0	1432.4	1431.0	1430.4	1430.6	1430.9	1431.2	1431.4	1432.4	1433.4
162.5°	1449.8	1448.2	1446.7	1445.3	1444.7	1444.9	1445.2	1445.4	1445.6	1447.0	1448.4
165°	1468.9	1467.4	1465.9	1464.5	1463.8	1464.0	1464.3	1464.6	1464.8	1466.3	1467.7
167.5°	1483.2	1481.6	1480.1	1478.5	1477.9	1478.1	1478.3	1478.6	1478.9	1480.7	1482.5
170°	1491.0	1489.2	1487.5	1485.7	1485.0	1485.2	1485.5	1485.7	1486.0	1488.0	1490.0
172.5°	1496.3	1494.6	1492.8	1491.1	1490.5	1490.9	1491.3	1491.8	1492.2	1494.0	1495.8
175°	1502.4	1500.9	1499.3	1497.9	1497.3	1497.5	1497.8	1498.1	1498.2	1500.2	1502.2
177.5°	1505.3	1504.2	1503.0	1501.8	1501.2	1501.5	1501.7	1501.8	1502.0	1503.5	1504.9
180°	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	796.8	796.8	796.8	796.8	796.8	796.8	796.8
2.5°	831.6	831.6	836.0	835.7	838.6	837.6	838.1
5°	893.9	899.4	904.3	907.6	912.5	913.9	913.2
7.5°	958.6	970.9	976.9	985.2	986.6	990.9	990.5
10°	998.5	1010.6	1019.8	1027.0	1030.6	1035.2	1035.5
12.5°	1029.9	1040.2	1048.4	1055.0	1059.4	1060.8	1061.7
15°	1054.5	1065.9	1075.4	1084.9	1090.5	1094.7	1097.0
17.5°	1079.2	1096.8	1113.6	1126.5	1134.2	1140.7	1140.7
20°	1098.3	1118.6	1139.5	1154.3	1169.2	1175.8	1176.8
22.5°	1118.7	1149.7	1176.6	1199.5	1219.3	1226.1	1228.6
25°	1161.1	1201.6	1243.2	1275.2	1298.1	1311.6	1313.5
27.5°	1212.3	1267.2	1310.9	1340.5	1359.5	1369.4	1371.6
30°	1248.4	1299.1	1338.3	1360.6	1369.4	1370.7	1365.8
32.5°	1264.6	1302.5	1318.2	1316.9	1299.6	1288.1	1283.7
35°	1244.8	1237.0	1198.7	1152.9	1117.9	1095.7	1089.8
37.5°	1132.8	1065.1	994.7	925.6	888.7	870.0	837.8
40°	1022.4	925.9	852.6	794.4	752.9	719.5	711.7
42.5°	897.9	798.2	725.0	675.1	642.0	619.1	609.2
45°	721.5	635.8	575.3	537.0	511.5	494.8	487.3
47.5°	577.0	510.7	466.7	438.3	418.9	404.4	400.4
50°	497.8	444.8	407.5	383.7	368.9	357.8	353.3
52.5°	432.4	389.6	360.9	341.3	327.4	320.4	316.6
55°	356.8	319.9	299.3	283.5	275.7	270.2	267.5
57.5°	291.8	265.1	250.0	239.2	232.0	228.4	227.1
60°	255.5	234.5	220.8	212.2	207.3	202.8	201.5
62.5°	223.3	206.8	196.1	188.7	183.8	181.8	181.1
65°	179.9	169.1	161.3	156.7	152.7	152.1	151.8
67.5°	143.0	136.6	132.5	127.8	126.4	124.1	123.6
70°	122.3	118.0	113.1	111.5	109.9	107.6	108.0
72.5°	103.8	99.5	96.2	94.0	93.4	92.5	93.2
75°	75.9	74.6	73.3	71.6	70.9	70.9	70.7
77.5°	54.2	53.0	51.6	50.6	50.5	49.1	49.6
80°	39.3	37.6	36.9	37.3	36.3	36.0	36.0
82.5°	29.0	28.4	27.8	27.9	27.6	27.4	27.6
85°	16.0	15.7	15.7	15.4	15.4	15.1	15.1
87.5°	10.1	10.6	10.2	10.2	10.2	10.7	11.1
90°	21.5	22.8	23.8	24.5	25.2	26.0	26.8
92.5°	21.5	22.8	23.6	23.9	24.3	24.6	25.0
95°	21.5	22.8	23.4	23.4	23.4	23.4	23.4
97.5°	33.9	26.9	23.4	23.4	23.4	23.4	23.4
100°	83.3	46.3	27.4	26.3	25.4	24.4	23.4
102.5°	226.5	219.6	207.6	190.8	173.9	157.0	140.3
105°	332.2	332.2	332.1	331.8	331.6	331.3	331.1
107.5°	420.7	420.7	420.3	419.6	418.9	418.1	417.4
110°	477.2	476.4	476.1	476.4	476.6	476.9	477.2



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	533.6	532.7	532.0	531.7	531.3	531.0	530.6
115°	619.1	618.1	616.8	615.4	613.9	612.3	610.9
117.5°	701.4	700.1	699.0	698.4	697.8	697.2	696.5
120°	755.4	754.9	754.1	752.9	751.6	750.4	749.2
122.5°	806.2	805.8	804.8	803.4	801.9	800.5	799.1
125°	879.9	878.9	878.0	877.4	876.6	875.8	875.1
127.5°	948.1	947.6	946.4	944.6	942.8	940.9	939.1
130°	992.1	991.4	990.4	989.2	987.9	986.7	985.5
132.5°	1034.1	1033.9	1033.2	1032.0	1030.8	1029.5	1028.3
135°	1094.3	1093.8	1092.9	1091.4	1089.9	1088.4	1086.9
137.5°	1151.4	1151.5	1150.9	1149.6	1148.3	1147.0	1145.7
140°	1186.5	1187.0	1186.5	1185.0	1183.5	1182.1	1180.5
142.5°	1220.1	1220.2	1219.5	1218.0	1216.5	1215.0	1213.6
145°	1268.3	1268.5	1267.9	1266.4	1264.9	1263.4	1262.0
147.5°	1309.4	1309.8	1309.0	1307.2	1305.4	1303.6	1301.8
150°	1335.8	1336.4	1335.6	1333.6	1331.6	1329.6	1327.7
152.5°	1359.1	1359.5	1358.9	1357.1	1355.4	1353.6	1351.8
155°	1391.2	1392.0	1391.4	1389.4	1387.4	1385.4	1383.5
157.5°	1417.7	1418.5	1417.9	1415.9	1413.9	1412.0	1410.0
160°	1434.3	1435.4	1434.9	1432.9	1430.9	1428.9	1426.9
162.5°	1449.8	1451.2	1450.8	1448.6	1446.4	1444.2	1442.1
165°	1469.3	1470.8	1470.5	1468.5	1466.5	1464.6	1462.6
167.5°	1484.2	1486.0	1485.7	1483.5	1481.4	1479.1	1476.9
170°	1491.9	1493.9	1493.8	1491.6	1489.4	1487.1	1484.9
172.5°	1497.6	1499.3	1499.2	1496.9	1494.7	1492.5	1490.2
175°	1504.2	1506.1	1506.1	1503.8	1501.6	1499.3	1497.1
177.5°	1506.2	1507.6	1507.5	1505.9	1504.3	1502.7	1501.2
180°	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8

(END OF REPORT)