

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: P333653-940

Luminaire Tested: **S125RDIW-S375D1340U940-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333653-940
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-11,
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-A1
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 375 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1340 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5451.2 lumens
Efficiency: N/A
Efficacy: 117.0 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: Semi-Indirect

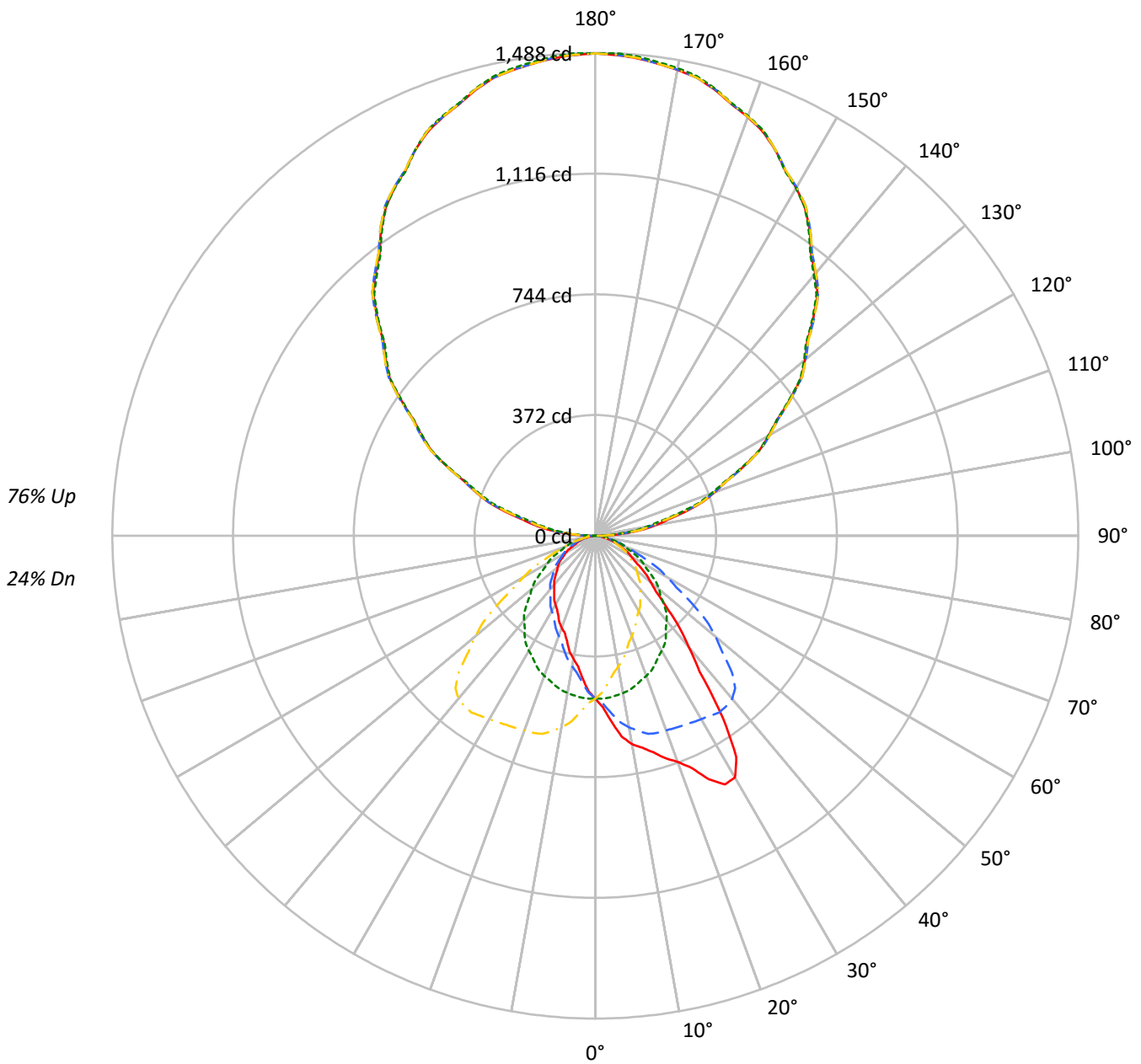
Input Watts (W): 46.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - · 90°-270° - · - · 135°-315°



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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	50	30	10	0	
RCR																						
0	101	101	101	101	90	90	90	90	69	69	69	50	50	50	32	32	32	24				
1	92	88	84	81	82	78	75	73	60	58	57	44	43	42	29	28	27	21				
2	84	77	71	66	74	69	64	60	53	50	47	39	37	35	25	24	23	17				
3	77	68	61	55	68	61	55	50	47	43	40	34	32	30	23	21	20	15				
4	70	60	53	47	62	54	47	42	42	37	34	31	28	26	20	19	17	13				
5	64	53	46	40	57	48	41	36	37	33	29	27	24	22	18	17	15	11				
6	59	48	40	35	52	43	36	31	33	29	25	25	22	19	17	15	13	10				
7	55	43	35	30	48	39	32	27	30	26	22	22	19	17	15	13	12	9				
8	50	39	31	26	45	35	29	24	27	23	20	20	17	15	14	12	11	8				
9	47	35	28	23	42	32	26	21	25	21	17	19	16	13	13	11	10	7				
10	44	32	25	21	39	29	23	19	23	19	16	17	14	12	12	10	9	7				

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	0.9
10°-20°	141.1	2.6
20°-30°	223.6	4.1
30°-40°	269.7	4.9
40°-50°	240.9	4.4
50°-60°	184.7	3.4
60°-70°	120.0	2.2
70°-80°	58.3	1.1
80°-90°	17.2	0.3
90°-100°	99.5	1.8
100°-110°	294.0	5.4
110°-120°	497.9	9.1
120°-130°	655.3	12.0
130°-140°	734.3	13.5
140°-150°	719.7	13.2
150°-160°	604.5	11.1
160°-170°	401.8	7.4
170°-180°	140.6	2.6
0°-30°	412.8	7.6
0°-40°	682.5	12.5
0°-60°	1108.1	20.3
0°-90°	1303.6	23.9
90°-120°	891.4	16.4
90°-150°	3000.7	55.0
90°-180°	4148.0	76.1
0°-180°	5451.2	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	16
95°	100	75	100	75	100	101
105°	287	264	287	264	287	304
115°	503	499	503	499	503	498
125°	732	728	732	728	732	654
135°	950	946	950	946	950	733
145°	1151	1146	1151	1146	1151	718
155°	1312	1312	1312	1312	1312	604
165°	1423	1426	1423	1426	1423	401
175°	1477	1483	1477	1483	1477	140
180°	1486	1486	1486	1486	1486	



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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	8.6	8.1	7.7	7.4	7.1	7.0
90°	27.7	27.0	26.2	25.4	24.7	23.6	22.4	21.0	19.8	18.5	16.7
92.5°	54.6	54.0	53.5	52.9	52.3	51.2	49.5	47.8	46.1	44.4	42.2
95°	99.5	99.0	98.4	97.9	97.4	96.3	94.4	92.6	90.9	89.1	86.5
97.5°	150.9	150.5	150.3	149.9	149.6	148.6	146.9	145.2	143.5	141.8	138.3
100°	189.7	189.2	188.7	188.2	187.6	186.2	183.9	181.6	179.3	177.0	173.6
102.5°	228.5	227.8	227.1	226.4	225.7	224.1	221.5	219.0	216.5	214.0	212.3
105°	286.9	286.1	285.3	284.5	283.7	282.6	281.1	279.6	278.0	276.4	274.9
107.5°	346.5	346.6	346.6	346.7	346.8	346.4	345.6	344.8	344.1	343.3	342.1
110°	390.9	391.2	391.5	391.7	392.0	391.7	390.9	390.2	389.4	388.6	387.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	434.4	434.9	435.4	435.9	436.3	436.3	436.0	435.6	435.2	434.9	433.9
115°	503.2	503.5	503.6	503.9	504.2	504.4	504.7	505.0	505.2	505.5	505.0
117.5°	570.2	571.3	572.3	573.4	574.4	574.8	574.5	574.4	574.2	574.0	573.5
120°	616.5	617.5	618.6	619.6	620.6	621.2	621.2	621.2	621.2	621.2	620.9
122.5°	662.8	663.6	664.4	665.2	666.1	666.6	666.8	667.0	667.2	667.4	666.7
125°	732.2	732.5	732.7	733.0	733.3	733.6	734.1	734.6	735.1	735.7	735.4
127.5°	798.8	799.3	799.9	800.4	800.8	801.3	801.5	801.7	802.0	802.3	802.0
130°	843.2	843.7	844.3	844.8	845.3	845.7	846.0	846.1	846.4	846.7	846.1
132.5°	884.8	885.6	886.3	887.1	887.8	888.2	888.5	888.8	889.0	889.3	889.4
135°	949.7	950.7	951.7	952.7	953.8	954.3	954.3	954.3	954.3	954.3	954.0
137.5°	1013.1	1014.3	1015.6	1016.9	1018.2	1018.7	1018.3	1018.1	1017.7	1017.4	1016.9
140°	1053.7	1055.1	1056.3	1057.6	1058.9	1059.3	1058.7	1058.3	1057.7	1057.2	1056.4
142.5°	1092.6	1093.9	1095.2	1096.4	1097.8	1098.2	1098.0	1097.6	1097.3	1097.0	1096.0
145°	1150.9	1151.6	1152.4	1153.2	1154.0	1154.4	1154.4	1154.4	1154.4	1154.4	1153.6
147.5°	1200.7	1202.4	1204.2	1205.9	1207.6	1208.2	1207.6	1206.9	1206.4	1205.8	1205.1
150°	1237.7	1238.1	1238.7	1239.2	1239.7	1240.0	1240.0	1240.0	1240.0	1240.0	1238.9
152.5°	1268.2	1269.1	1270.1	1271.0	1271.9	1272.0	1271.4	1270.8	1270.2	1269.6	1269.2
155°	1311.7	1313.0	1314.3	1315.5	1316.8	1317.0	1315.9	1314.9	1313.8	1312.9	1312.6
157.5°	1348.0	1349.7	1351.4	1353.1	1354.8	1355.1	1354.1	1353.1	1352.0	1351.0	1350.8
160°	1373.0	1374.3	1375.6	1376.9	1378.1	1378.2	1377.2	1376.2	1375.2	1374.1	1373.9
162.5°	1394.3	1395.8	1397.2	1398.7	1400.3	1400.3	1399.1	1397.9	1396.7	1395.4	1395.3
165°	1422.7	1424.2	1425.8	1427.4	1428.9	1429.1	1428.2	1427.1	1426.1	1425.0	1424.8
167.5°	1445.4	1447.0	1448.6	1450.2	1451.8	1451.8	1450.3	1448.8	1447.2	1445.6	1445.6
170°	1457.4	1459.2	1461.1	1462.9	1464.6	1464.7	1463.2	1461.7	1460.2	1458.6	1458.6
172.5°	1467.6	1469.2	1470.8	1472.4	1474.0	1474.0	1472.5	1471.0	1469.4	1467.8	1467.8
175°	1477.1	1478.9	1480.7	1482.5	1484.3	1484.4	1482.9	1481.3	1479.8	1478.3	1478.3
177.5°	1482.6	1484.1	1485.5	1486.9	1488.4	1488.5	1487.3	1486.0	1484.8	1483.5	1483.8
180°	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4



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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	5.8	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°	40.0	37.8	35.6	33.7	32.3	30.9	29.4	28.0	29.4	30.9	32.3
95°	83.9	81.3	78.8	77.2	76.7	76.2	75.7	75.2	75.7	76.2	76.7
97.5°	134.7	131.2	127.6	125.7	125.6	125.4	125.1	124.9	125.1	125.4	125.6
100°	170.3	166.9	163.6	161.9	161.9	161.9	161.9	161.9	161.9	161.9	161.9
102.5°	210.6	208.9	207.2	205.8	204.8	203.8	202.8	201.7	202.8	203.8	204.8
105°	273.4	271.8	270.3	268.9	267.6	266.3	265.0	263.8	265.0	266.3	267.6
107.5°	340.9	339.7	338.6	337.3	336.1	334.7	333.5	332.2	333.5	334.7	336.1
110°	387.1	386.4	385.6	384.5	383.3	382.0	380.7	379.4	380.7	382.0	383.3



TEST NUMBER: P333653-940

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	432.9	431.9	431.1	430.2	429.5	428.8	428.2	427.5	428.2	428.8	429.5
115°	504.4	503.9	503.5	502.7	501.6	500.6	499.5	498.6	499.5	500.6	501.6
117.5°	573.0	572.6	572.1	571.7	571.1	570.7	570.2	569.8	570.2	570.7	571.1
120°	620.6	620.4	620.1	619.4	618.0	616.8	615.5	614.2	615.5	616.8	618.0
122.5°	666.1	665.4	664.8	664.1	663.7	663.3	662.8	662.4	662.8	663.3	663.7
125°	735.1	734.9	734.6	733.7	732.2	730.7	729.1	727.5	729.1	730.7	732.2
127.5°	801.6	801.4	801.0	800.5	799.6	798.7	797.8	796.9	797.8	798.7	799.6
130°	845.7	845.2	844.6	843.7	842.5	841.2	839.9	838.6	839.9	841.2	842.5
132.5°	889.5	889.6	889.7	888.7	886.5	884.5	882.3	880.2	882.3	884.5	886.5
135°	953.8	953.5	953.2	952.3	950.8	949.2	947.7	946.2	947.7	949.2	950.8
137.5°	1016.3	1015.7	1015.1	1014.1	1012.6	1011.2	1009.7	1008.2	1009.7	1011.2	1012.6
140°	1055.7	1054.9	1054.1	1053.1	1051.9	1050.5	1049.3	1047.9	1049.3	1050.5	1051.9
142.5°	1095.0	1094.0	1093.1	1092.1	1091.0	1089.9	1088.9	1087.8	1088.9	1089.9	1091.0
145°	1152.8	1152.1	1151.3	1150.4	1149.3	1148.3	1147.3	1146.3	1147.3	1148.3	1149.3
147.5°	1204.5	1203.9	1203.3	1202.7	1202.1	1201.6	1201.0	1200.4	1201.0	1201.6	1202.1
150°	1238.0	1236.9	1235.8	1235.5	1235.7	1236.0	1236.3	1236.5	1236.3	1236.0	1235.7
152.5°	1268.7	1268.4	1267.9	1267.6	1267.2	1266.9	1266.5	1266.1	1266.5	1266.9	1267.2
155°	1312.3	1312.1	1311.8	1311.7	1311.7	1311.7	1311.7	1311.7	1311.7	1311.7	1311.7
157.5°	1350.5	1350.2	1350.0	1350.1	1350.7	1351.3	1351.8	1352.4	1351.8	1351.3	1350.7
160°	1373.7	1373.4	1373.1	1373.4	1374.1	1374.9	1375.7	1376.4	1375.7	1374.9	1374.1
162.5°	1395.3	1395.3	1395.3	1395.5	1396.1	1396.6	1397.2	1397.8	1397.2	1396.6	1396.1
165°	1424.5	1424.2	1424.1	1424.2	1424.7	1425.1	1425.7	1426.2	1425.7	1425.1	1424.7
167.5°	1445.6	1445.6	1445.6	1446.2	1447.2	1448.2	1449.2	1450.3	1449.2	1448.2	1447.2
170°	1458.6	1458.6	1458.6	1459.1	1460.2	1461.2	1462.2	1463.2	1462.2	1461.2	1460.2
172.5°	1467.8	1467.8	1467.8	1468.4	1469.4	1470.4	1471.4	1472.5	1471.4	1470.4	1469.4
175°	1478.3	1478.3	1478.3	1478.8	1479.8	1480.9	1481.8	1482.9	1481.8	1480.9	1479.8
177.5°	1484.0	1484.2	1484.4	1484.9	1485.8	1486.6	1487.4	1488.2	1487.4	1486.6	1485.8
180°	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4



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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	8.6	8.6
90°	9.4	11.3	13.1	14.9	16.7	18.5	19.8	21.0	22.4	23.6	24.7
92.5°	33.7	35.6	37.8	40.0	42.2	44.4	46.1	47.8	49.5	51.2	52.3
95°	77.2	78.8	81.3	83.9	86.5	89.1	90.9	92.6	94.4	96.3	97.4
97.5°	125.7	127.6	131.2	134.7	138.3	141.8	143.5	145.2	146.9	148.6	149.6
100°	161.9	163.6	166.9	170.3	173.6	177.0	179.3	181.6	183.9	186.2	187.6
102.5°	205.8	207.2	208.9	210.6	212.3	214.0	216.5	219.0	221.5	224.1	225.7
105°	268.9	270.3	271.8	273.4	274.9	276.4	278.0	279.6	281.1	282.6	283.7
107.5°	337.3	338.6	339.7	340.9	342.1	343.3	344.1	344.8	345.6	346.4	346.8
110°	384.5	385.6	386.4	387.1	387.9	388.6	389.4	390.2	390.9	391.7	392.0



TEST NUMBER: P333653-940

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	430.2	431.1	431.9	432.9	433.9	434.9	435.2	435.6	436.0	436.3	436.3
115°	502.7	503.5	503.9	504.4	505.0	505.5	505.2	505.0	504.7	504.4	504.2
117.5°	571.7	572.1	572.6	573.0	573.5	574.0	574.2	574.4	574.5	574.8	574.4
120°	619.4	620.1	620.4	620.6	620.9	621.2	621.2	621.2	621.2	621.2	620.6
122.5°	664.1	664.8	665.4	666.1	666.7	667.4	667.2	667.0	666.8	666.6	666.1
125°	733.7	734.6	734.9	735.1	735.4	735.7	735.1	734.6	734.1	733.6	733.3
127.5°	800.5	801.0	801.4	801.6	802.0	802.3	802.0	801.7	801.5	801.3	800.8
130°	843.7	844.6	845.2	845.7	846.1	846.7	846.4	846.1	846.0	845.7	845.3
132.5°	888.7	889.7	889.6	889.5	889.4	889.3	889.0	888.8	888.5	888.2	887.8
135°	952.3	953.2	953.5	953.8	954.0	954.3	954.3	954.3	954.3	954.3	953.8
137.5°	1014.1	1015.1	1015.7	1016.3	1016.9	1017.4	1017.7	1018.1	1018.3	1018.7	1018.2
140°	1053.1	1054.1	1054.9	1055.7	1056.4	1057.2	1057.7	1058.3	1058.7	1059.3	1058.9
142.5°	1092.1	1093.1	1094.0	1095.0	1096.0	1097.0	1097.3	1097.6	1098.0	1098.2	1097.8
145°	1150.4	1151.3	1152.1	1152.8	1153.6	1154.4	1154.4	1154.4	1154.4	1154.4	1154.0
147.5°	1202.7	1203.3	1203.9	1204.5	1205.1	1205.8	1206.4	1206.9	1207.6	1208.2	1207.6
150°	1235.5	1235.8	1236.9	1238.0	1238.9	1240.0	1240.0	1240.0	1240.0	1240.0	1239.7
152.5°	1267.6	1267.9	1268.4	1268.7	1269.2	1269.6	1270.2	1270.8	1271.4	1272.0	1271.9
155°	1311.7	1311.8	1312.1	1312.3	1312.6	1312.9	1313.8	1314.9	1315.9	1317.0	1316.8
157.5°	1350.1	1350.0	1350.2	1350.5	1350.8	1351.0	1352.0	1353.1	1354.1	1355.1	1354.8
160°	1373.4	1373.1	1373.4	1373.7	1373.9	1374.1	1375.2	1376.2	1377.2	1378.2	1378.1
162.5°	1395.5	1395.3	1395.3	1395.3	1395.3	1395.4	1396.7	1397.9	1399.1	1400.3	1400.3
165°	1424.2	1424.1	1424.2	1424.5	1424.8	1425.0	1426.1	1427.1	1428.2	1429.1	1428.9
167.5°	1446.2	1445.6	1445.6	1445.6	1445.6	1445.6	1447.2	1448.8	1450.3	1451.8	1451.8
170°	1459.1	1458.6	1458.6	1458.6	1458.6	1458.6	1460.2	1461.7	1463.2	1464.7	1464.6
172.5°	1468.4	1467.8	1467.8	1467.8	1467.8	1467.8	1469.4	1471.0	1472.5	1474.0	1474.0
175°	1478.8	1478.3	1478.3	1478.3	1478.3	1478.3	1479.8	1481.3	1482.9	1484.4	1484.3
177.5°	1484.9	1484.4	1484.2	1484.0	1483.8	1483.5	1484.8	1486.0	1487.3	1488.5	1488.4
180°	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4



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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°	8.9	8.8	9.0	9.2	9.0	8.8	8.9	8.6	8.6	8.3	8.0
90°	25.4	26.2	27.0	27.7	27.0	26.2	25.4	24.7	23.6	22.4	21.0
92.5°	52.9	53.5	54.0	54.6	54.0	53.5	52.9	52.3	51.2	49.5	47.8
95°	97.9	98.4	99.0	99.5	99.0	98.4	97.9	97.4	96.3	94.4	92.6
97.5°	149.9	150.3	150.5	150.9	150.5	150.3	149.9	149.6	148.6	146.9	145.2
100°	188.2	188.7	189.2	189.7	189.2	188.7	188.2	187.6	186.2	183.9	181.6
102.5°	226.4	227.1	227.8	228.5	227.8	227.1	226.4	225.7	224.1	221.5	219.0
105°	284.5	285.3	286.1	286.9	286.1	285.3	284.5	283.7	282.6	281.1	279.6
107.5°	346.7	346.6	346.6	346.5	346.6	346.6	346.7	346.8	346.4	345.6	344.8
110°	391.7	391.5	391.2	390.9	391.2	391.5	391.7	392.0	391.7	390.9	390.2



TEST NUMBER: P333653-940

CATALOG NUMBER: S125RDIW-S375D1340U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	435.9	435.4	434.9	434.4	434.9	435.4	435.9	436.3	436.3	436.0	435.6
115°	503.9	503.6	503.5	503.2	503.5	503.6	503.9	504.2	504.4	504.7	505.0
117.5°	573.4	572.3	571.3	570.2	571.3	572.3	573.4	574.4	574.8	574.5	574.4
120°	619.6	618.6	617.5	616.5	617.5	618.6	619.6	620.6	621.2	621.2	621.2
122.5°	665.2	664.4	663.6	662.8	663.6	664.4	665.2	666.1	666.6	666.8	667.0
125°	733.0	732.7	732.5	732.2	732.5	732.7	733.0	733.3	733.6	734.1	734.6
127.5°	800.4	799.9	799.3	798.8	799.3	799.9	800.4	800.8	801.3	801.5	801.7
130°	844.8	844.3	843.7	843.2	843.7	844.3	844.8	845.3	845.7	846.0	846.1
132.5°	887.1	886.3	885.6	884.8	885.6	886.3	887.1	887.8	888.2	888.5	888.8
135°	952.7	951.7	950.7	949.7	950.7	951.7	952.7	953.8	954.3	954.3	954.3
137.5°	1016.9	1015.6	1014.3	1013.1	1014.3	1015.6	1016.9	1018.2	1018.7	1018.3	1018.1
140°	1057.6	1056.3	1055.1	1053.7	1055.1	1056.3	1057.6	1058.9	1059.3	1058.7	1058.3
142.5°	1096.4	1095.2	1093.9	1092.6	1093.9	1095.2	1096.4	1097.8	1098.2	1098.0	1097.6
145°	1153.2	1152.4	1151.6	1150.9	1151.6	1152.4	1153.2	1154.0	1154.4	1154.4	1154.4
147.5°	1205.9	1204.2	1202.4	1200.7	1202.4	1204.2	1205.9	1207.6	1208.2	1207.6	1206.9
150°	1239.2	1238.7	1238.1	1237.7	1238.1	1238.7	1239.2	1239.7	1240.0	1240.0	1240.0
152.5°	1271.0	1270.1	1269.1	1268.2	1269.1	1270.1	1271.0	1271.9	1272.0	1271.4	1270.8
155°	1315.5	1314.3	1313.0	1311.7	1313.0	1314.3	1315.5	1316.8	1317.0	1315.9	1314.9
157.5°	1353.1	1351.4	1349.7	1348.0	1349.7	1351.4	1353.1	1354.8	1355.1	1354.1	1353.1
160°	1376.9	1375.6	1374.3	1373.0	1374.3	1375.6	1376.9	1378.1	1378.2	1377.2	1376.2
162.5°	1398.7	1397.2	1395.8	1394.3	1395.8	1397.2	1398.7	1400.3	1400.3	1399.1	1397.9
165°	1427.4	1425.8	1424.2	1422.7	1424.2	1425.8	1427.4	1428.9	1429.1	1428.2	1427.1
167.5°	1450.2	1448.6	1447.0	1445.4	1447.0	1448.6	1450.2	1451.8	1451.8	1450.3	1448.8
170°	1462.9	1461.1	1459.2	1457.4	1459.2	1461.1	1462.9	1464.6	1464.7	1463.2	1461.7
172.5°	1472.4	1470.8	1469.2	1467.6	1469.2	1470.8	1472.4	1474.0	1474.0	1472.5	1471.0
175°	1482.5	1480.7	1478.9	1477.1	1478.9	1480.7	1482.5	1484.3	1484.4	1482.9	1481.3
177.5°	1486.9	1485.5	1484.1	1482.6	1484.1	1485.5	1486.9	1488.4	1488.5	1487.3	1486.0
180°	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4



TEST NUMBER: P333653-940

CATALOG NUMBER: S125RDIW-S375D1340U940-4F0-1E-UDD-A1

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°	46.1	44.4	42.2	40.0	37.8	35.6	33.7	32.3	30.9	29.4	28.0
95°	90.9	89.1	86.5	83.9	81.3	78.8	77.2	76.7	76.2	75.7	75.2
97.5°	143.5	141.8	138.3	134.7	131.2	127.6	125.7	125.6	125.4	125.1	124.9
100°	179.3	177.0	173.6	170.3	166.9	163.6	161.9	161.9	161.9	161.9	161.9
102.5°	216.5	214.0	212.3	210.6	208.9	207.2	205.8	204.8	203.8	202.8	201.7
105°	278.0	276.4	274.9	273.4	271.8	270.3	268.9	267.6	266.3	265.0	263.8
107.5°	344.1	343.3	342.1	340.9	339.7	338.6	337.3	336.1	334.7	333.5	332.2
110°	389.4	388.6	387.9	387.1	386.4	385.6	384.5	383.3	382.0	380.7	379.4



TEST NUMBER: P333653-940

CATALOG NUMBER: S125RDIW-S375D1340U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	435.2	434.9	433.9	432.9	431.9	431.1	430.2	429.5	428.8	428.2	427.5
115°	505.2	505.5	505.0	504.4	503.9	503.5	502.7	501.6	500.6	499.5	498.6
117.5°	574.2	574.0	573.5	573.0	572.6	572.1	571.7	571.1	570.7	570.2	569.8
120°	621.2	621.2	620.9	620.6	620.4	620.1	619.4	618.0	616.8	615.5	614.2
122.5°	667.2	667.4	666.7	666.1	665.4	664.8	664.1	663.7	663.3	662.8	662.4
125°	735.1	735.7	735.4	735.1	734.9	734.6	733.7	732.2	730.7	729.1	727.5
127.5°	802.0	802.3	802.0	801.6	801.4	801.0	800.5	799.6	798.7	797.8	796.9
130°	846.4	846.7	846.1	845.7	845.2	844.6	843.7	842.5	841.2	839.9	838.6
132.5°	889.0	889.3	889.4	889.5	889.6	889.7	888.7	886.5	884.5	882.3	880.2
135°	954.3	954.3	954.0	953.8	953.5	953.2	952.3	950.8	949.2	947.7	946.2
137.5°	1017.7	1017.4	1016.9	1016.3	1015.7	1015.1	1014.1	1012.6	1011.2	1009.7	1008.2
140°	1057.7	1057.2	1056.4	1055.7	1054.9	1054.1	1053.1	1051.9	1050.5	1049.3	1047.9
142.5°	1097.3	1097.0	1096.0	1095.0	1094.0	1093.1	1092.1	1091.0	1089.9	1088.9	1087.8
145°	1154.4	1154.4	1153.6	1152.8	1152.1	1151.3	1150.4	1149.3	1148.3	1147.3	1146.3
147.5°	1206.4	1205.8	1205.1	1204.5	1203.9	1203.3	1202.7	1202.1	1201.6	1201.0	1200.4
150°	1240.0	1240.0	1238.9	1238.0	1236.9	1235.8	1235.5	1235.7	1236.0	1236.3	1236.5
152.5°	1270.2	1269.6	1269.2	1268.7	1268.4	1267.9	1267.6	1267.2	1266.9	1266.5	1266.1
155°	1313.8	1312.9	1312.6	1312.3	1312.1	1311.8	1311.7	1311.7	1311.7	1311.7	1311.7
157.5°	1352.0	1351.0	1350.8	1350.5	1350.2	1350.0	1350.1	1350.7	1351.3	1351.8	1352.4
160°	1375.2	1374.1	1373.9	1373.7	1373.4	1373.1	1373.4	1374.1	1374.9	1375.7	1376.4
162.5°	1396.7	1395.4	1395.3	1395.3	1395.3	1395.3	1395.5	1396.1	1396.6	1397.2	1397.8
165°	1426.1	1425.0	1424.8	1424.5	1424.2	1424.1	1424.2	1424.7	1425.1	1425.7	1426.2
167.5°	1447.2	1445.6	1445.6	1445.6	1445.6	1445.6	1446.2	1447.2	1448.2	1449.2	1450.3
170°	1460.2	1458.6	1458.6	1458.6	1458.6	1458.6	1459.1	1460.2	1461.2	1462.2	1463.2
172.5°	1469.4	1467.8	1467.8	1467.8	1467.8	1467.8	1468.4	1469.4	1470.4	1471.4	1472.5
175°	1479.8	1478.3	1478.3	1478.3	1478.3	1478.3	1478.8	1479.8	1480.9	1481.8	1482.9
177.5°	1484.8	1483.5	1483.8	1484.0	1484.2	1484.4	1484.9	1485.8	1486.6	1487.4	1488.2
180°	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4



TEST NUMBER: P333653-940

CATALOG NUMBER: S125RDIW-S375D1340U940-4F0-1E-UDD-A1

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°	5.8	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°	29.4	30.9	32.3	33.7	35.6	37.8	40.0	42.2	44.4	46.1	47.8
95°	75.7	76.2	76.7	77.2	78.8	81.3	83.9	86.5	89.1	90.9	92.6
97.5°	125.1	125.4	125.6	125.7	127.6	131.2	134.7	138.3	141.8	143.5	145.2
100°	161.9	161.9	161.9	161.9	163.6	166.9	170.3	173.6	177.0	179.3	181.6
102.5°	202.8	203.8	204.8	205.8	207.2	208.9	210.6	212.3	214.0	216.5	219.0
105°	265.0	266.3	267.6	268.9	270.3	271.8	273.4	274.9	276.4	278.0	279.6
107.5°	333.5	334.7	336.1	337.3	338.6	339.7	340.9	342.1	343.3	344.1	344.8
110°	380.7	382.0	383.3	384.5	385.6	386.4	387.1	387.9	388.6	389.4	390.2



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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	428.2	428.8	429.5	430.2	431.1	431.9	432.9	433.9	434.9	435.2	435.6
115°	499.5	500.6	501.6	502.7	503.5	503.9	504.4	505.0	505.5	505.2	505.0
117.5°	570.2	570.7	571.1	571.7	572.1	572.6	573.0	573.5	574.0	574.2	574.4
120°	615.5	616.8	618.0	619.4	620.1	620.4	620.6	620.9	621.2	621.2	621.2
122.5°	662.8	663.3	663.7	664.1	664.8	665.4	666.1	666.7	667.4	667.2	667.0
125°	729.1	730.7	732.2	733.7	734.6	734.9	735.1	735.4	735.7	735.1	734.6
127.5°	797.8	798.7	799.6	800.5	801.0	801.4	801.6	802.0	802.3	802.0	801.7
130°	839.9	841.2	842.5	843.7	844.6	845.2	845.7	846.1	846.7	846.4	846.1
132.5°	882.3	884.5	886.5	888.7	889.7	889.6	889.5	889.4	889.3	889.0	888.8
135°	947.7	949.2	950.8	952.3	953.2	953.5	953.8	954.0	954.3	954.3	954.3
137.5°	1009.7	1011.2	1012.6	1014.1	1015.1	1015.7	1016.3	1016.9	1017.4	1017.7	1018.1
140°	1049.3	1050.5	1051.9	1053.1	1054.1	1054.9	1055.7	1056.4	1057.2	1057.7	1058.3
142.5°	1088.9	1089.9	1091.0	1092.1	1093.1	1094.0	1095.0	1096.0	1097.0	1097.3	1097.6
145°	1147.3	1148.3	1149.3	1150.4	1151.3	1152.1	1152.8	1153.6	1154.4	1154.4	1154.4
147.5°	1201.0	1201.6	1202.1	1202.7	1203.3	1203.9	1204.5	1205.1	1205.8	1206.4	1206.9
150°	1236.3	1236.0	1235.7	1235.5	1235.8	1236.9	1238.0	1238.9	1240.0	1240.0	1240.0
152.5°	1266.5	1266.9	1267.2	1267.6	1267.9	1268.4	1268.7	1269.2	1269.6	1270.2	1270.8
155°	1311.7	1311.7	1311.7	1311.7	1311.8	1312.1	1312.3	1312.6	1312.9	1313.8	1314.9
157.5°	1351.8	1351.3	1350.7	1350.1	1350.0	1350.2	1350.5	1350.8	1351.0	1352.0	1353.1
160°	1375.7	1374.9	1374.1	1373.4	1373.1	1373.4	1373.7	1373.9	1374.1	1375.2	1376.2
162.5°	1397.2	1396.6	1396.1	1395.5	1395.3	1395.3	1395.3	1395.3	1395.4	1396.7	1397.9
165°	1425.7	1425.1	1424.7	1424.2	1424.1	1424.2	1424.5	1424.8	1425.0	1426.1	1427.1
167.5°	1449.2	1448.2	1447.2	1446.2	1445.6	1445.6	1445.6	1445.6	1445.6	1447.2	1448.8
170°	1462.2	1461.2	1460.2	1459.1	1458.6	1458.6	1458.6	1458.6	1458.6	1460.2	1461.7
172.5°	1471.4	1470.4	1469.4	1468.4	1467.8	1467.8	1467.8	1467.8	1467.8	1469.4	1471.0
175°	1481.8	1480.9	1479.8	1478.8	1478.3	1478.3	1478.3	1478.3	1478.3	1479.8	1481.3
177.5°	1487.4	1486.6	1485.8	1484.9	1484.4	1484.2	1484.0	1483.8	1483.5	1484.8	1486.0
180°	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4



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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	8.6	8.4	8.4	8.6	8.8	9.2
90°	22.4	23.6	24.7	25.4	26.2	27.0	27.7
92.5°	49.5	51.2	52.3	52.9	53.5	54.0	54.6
95°	94.4	96.3	97.4	97.9	98.4	99.0	99.5
97.5°	146.9	148.6	149.6	149.9	150.3	150.5	150.9
100°	183.9	186.2	187.6	188.2	188.7	189.2	189.7
102.5°	221.5	224.1	225.7	226.4	227.1	227.8	228.5
105°	281.1	282.6	283.7	284.5	285.3	286.1	286.9
107.5°	345.6	346.4	346.8	346.7	346.6	346.6	346.5
110°	390.9	391.7	392.0	391.7	391.5	391.2	390.9



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	436.0	436.3	436.3	435.9	435.4	434.9	434.4
115°	504.7	504.4	504.2	503.9	503.6	503.5	503.2
117.5°	574.5	574.8	574.4	573.4	572.3	571.3	570.2
120°	621.2	621.2	620.6	619.6	618.6	617.5	616.5
122.5°	666.8	666.6	666.1	665.2	664.4	663.6	662.8
125°	734.1	733.6	733.3	733.0	732.7	732.5	732.2
127.5°	801.5	801.3	800.8	800.4	799.9	799.3	798.8
130°	846.0	845.7	845.3	844.8	844.3	843.7	843.2
132.5°	888.5	888.2	887.8	887.1	886.3	885.6	884.8
135°	954.3	954.3	953.8	952.7	951.7	950.7	949.7
137.5°	1018.3	1018.7	1018.2	1016.9	1015.6	1014.3	1013.1
140°	1058.7	1059.3	1058.9	1057.6	1056.3	1055.1	1053.7
142.5°	1098.0	1098.2	1097.8	1096.4	1095.2	1093.9	1092.6
145°	1154.4	1154.4	1154.0	1153.2	1152.4	1151.6	1150.9
147.5°	1207.6	1208.2	1207.6	1205.9	1204.2	1202.4	1200.7
150°	1240.0	1240.0	1239.7	1239.2	1238.7	1238.1	1237.7
152.5°	1271.4	1272.0	1271.9	1271.0	1270.1	1269.1	1268.2
155°	1315.9	1317.0	1316.8	1315.5	1314.3	1313.0	1311.7
157.5°	1354.1	1355.1	1354.8	1353.1	1351.4	1349.7	1348.0
160°	1377.2	1378.2	1378.1	1376.9	1375.6	1374.3	1373.0
162.5°	1399.1	1400.3	1400.3	1398.7	1397.2	1395.8	1394.3
165°	1428.2	1429.1	1428.9	1427.4	1425.8	1424.2	1422.7
167.5°	1450.3	1451.8	1451.8	1450.2	1448.6	1447.0	1445.4
170°	1463.2	1464.7	1464.6	1462.9	1461.1	1459.2	1457.4
172.5°	1472.5	1474.0	1474.0	1472.4	1470.8	1469.2	1467.6
175°	1482.9	1484.4	1484.3	1482.5	1480.7	1478.9	1477.1
177.5°	1487.3	1488.5	1488.4	1486.9	1485.5	1484.1	1482.6
180°	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4	1486.4

(END OF REPORT)