

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: P333359-927

Luminaire Tested: **S125DIW-S375D1340U927-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333359-927  
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: S125DIW-S375D1340U927-4F0-1E-UDD-A1  
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 375 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 1340 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4904.5 lumens  
Efficiency: N/A  
Efficacy: 105.2 lumens/watt  
Spacing Criteria (0/90/45): 1.43 / 1.23 / 1.52  
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')  
CIE Type: Semi-Indirect

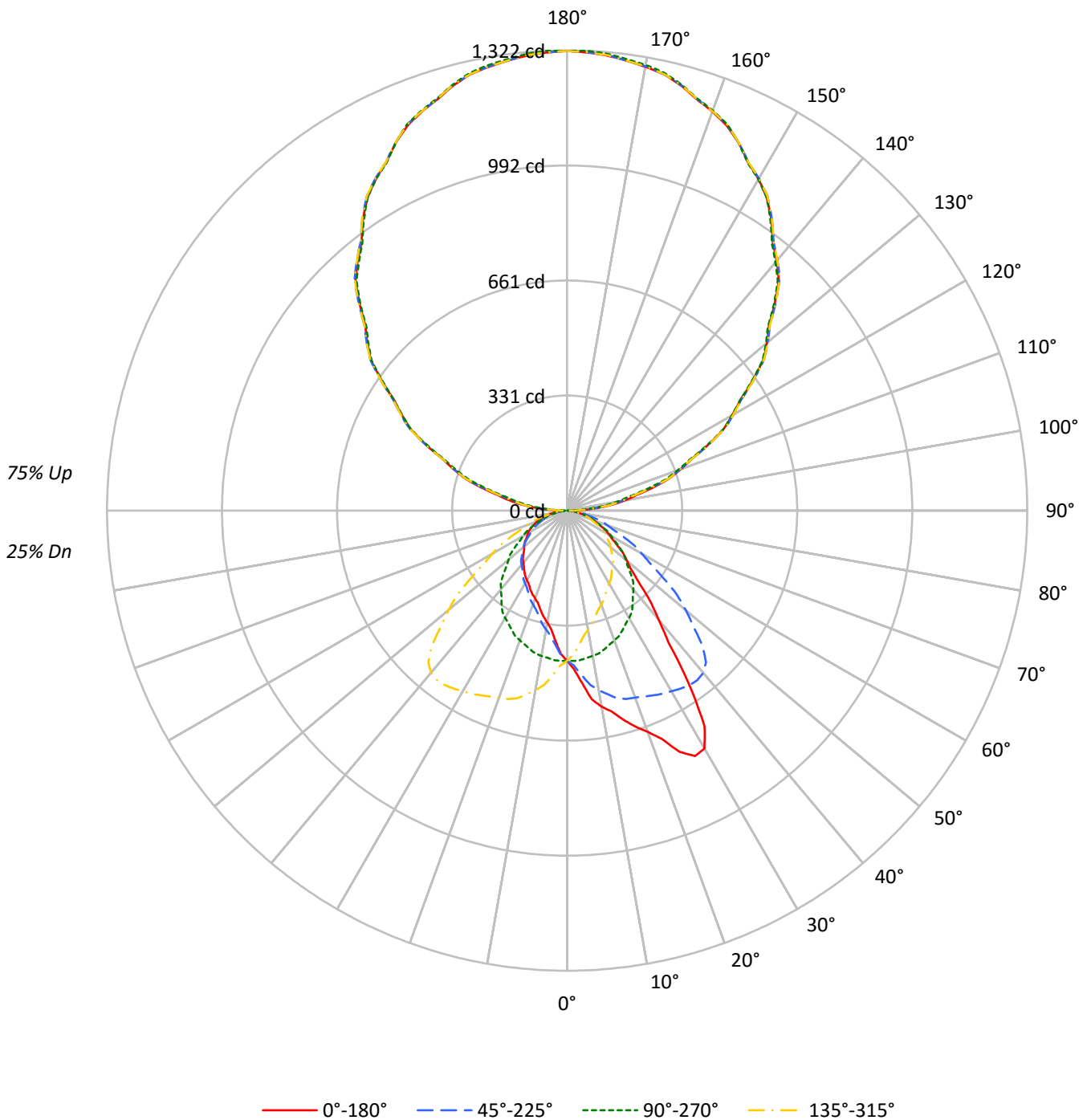
Input Watts (W): 46.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	101	101	101	101	90	90	90	90	69	69	69	50	50	50	33	33	33	25
1	92	88	84	81	82	79	76	73	61	59	57	44	43	42	29	29	28	21
2	84	77	71	66	75	69	64	60	53	50	47	39	37	35	26	25	24	18
3	77	68	61	55	68	61	55	50	47	43	40	35	32	30	23	22	20	15
4	70	60	52	47	62	54	47	42	42	37	34	31	28	26	21	19	18	13
5	64	53	45	40	57	48	41	36	37	33	29	28	24	22	19	17	15	11
6	59	48	40	34	52	43	36	31	33	29	25	25	22	19	17	15	13	10
7	54	43	35	30	48	38	32	27	30	25	22	23	19	17	15	13	12	9
8	50	39	31	26	45	35	28	24	27	23	19	21	17	15	14	12	11	8
9	47	35	28	23	42	32	25	21	25	20	17	19	16	13	13	11	10	7
10	44	32	25	21	39	29	23	19	23	18	15	17	14	12	12	10	9	7

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

	0°	90°	180°	270°
0°	2785	2785	2785	2785
5°	3225	2795	2447	2795
10°	3752	2781	2144	2781
15°	4153	2760	1978	2760
20°	4649	2728	1844	2728
25°	5447	2691	1779	2691
30°	5883	2655	1723	2655
35°	4837	2588	1686	2588
40°	3438	2494	1645	2494
45°	2641	2367	1621	2367
50°	2255	2210	1619	2210
55°	2008	2057	1633	2057
60°	1811	1888	1674	1888
65°	1673	1721	1718	1721
70°	1522	1545	1743	1545
75°	1342	1362	1727	1362
80°	1131	1112	1581	1112
85°	897	800	1275	800



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	41.5	0.8
10°-20°	123.6	2.5
20°-30°	200.7	4.1
30°-40°	244.8	5.0
40°-50°	222.7	4.5
50°-60°	177.4	3.6
60°-70°	123.6	2.5
70°-80°	65.9	1.3
80°-90°	19.5	0.4
90°-100°	88.4	1.8
100°-110°	261.2	5.3
110°-120°	442.4	9.0
120°-130°	582.2	11.9
130°-140°	652.3	13.3
140°-150°	639.3	13.0
150°-160°	537.0	10.9
160°-170°	357.0	7.3
170°-180°	124.9	2.5
0°-30°	365.9	7.5
0°-40°	610.7	12.5
0°-60°	1010.8	20.6
0°-90°	1219.8	24.9
90°-120°	792.0	16.1
90°-150°	2665.8	54.4
90°-180°	3685.0	75.1
0°-180°	4904.5	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	431	431	431	431	431	
5°	498	431	378	431	498	50
15°	621	413	296	413	621	178
25°	764	378	250	378	764	349
35°	614	328	214	328	614	375
45°	289	259	178	259	289	231
55°	178	183	145	183	178	161
65°	110	113	112	113	110	109
75°	54	55	69	55	54	58
85°	12	11	17	11	12	15
90°	25	1	25	1	25	15
95°	88	67	88	67	88	90
105°	255	234	255	234	255	270
115°	447	443	447	443	447	442
125°	650	646	650	646	650	581
135°	844	841	844	841	844	651
145°	1022	1018	1022	1018	1022	638
155°	1165	1165	1165	1165	1165	536
165°	1264	1267	1264	1267	1264	356
175°	1312	1317	1312	1317	1312	125
180°	1320	1320	1320	1320	1320	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3
2.5°	456.1	455.6	455.0	453.8	454.7	452.2	451.1	449.0	446.5	445.6	444.6
5°	497.5	498.4	499.4	495.5	495.9	493.3	487.4	482.7	478.9	473.9	470.4
7.5°	547.3	545.2	544.9	542.5	538.2	534.7	528.6	520.8	513.2	504.5	497.4
10°	572.2	572.4	570.8	567.8	563.2	559.9	551.9	544.2	534.9	523.9	516.0
12.5°	591.0	591.8	589.6	585.7	583.4	576.1	569.7	560.6	549.5	540.7	528.8
15°	621.2	619.2	617.8	612.8	609.0	601.3	591.3	581.7	569.7	558.5	547.3
17.5°	650.5	652.1	649.4	644.8	632.9	623.9	610.5	597.4	582.3	567.4	554.1
20°	676.5	678.0	673.8	665.9	651.6	642.7	625.0	608.1	590.7	571.5	556.8
22.5°	709.1	707.9	702.2	690.2	677.9	661.3	642.1	621.5	599.8	578.1	558.6
25°	764.4	756.7	753.2	738.4	722.2	697.8	671.5	641.4	614.3	585.6	560.7
27.5°	795.1	792.7	788.8	778.5	761.4	735.3	704.3	667.7	629.5	593.2	560.5
30°	788.9	789.3	789.6	786.4	775.4	755.8	724.8	685.6	640.1	599.3	561.6
32.5°	734.4	741.1	747.5	755.0	758.1	754.3	735.0	699.4	652.7	606.3	561.0
35°	613.5	615.6	636.3	656.8	684.6	706.2	720.6	704.9	665.6	612.3	560.3
37.5°	478.4	488.3	502.6	525.8	565.9	601.9	648.2	669.4	656.7	614.3	559.0
40°	407.8	417.0	426.4	450.0	483.8	527.4	579.9	624.7	635.2	608.1	554.6
42.5°	353.4	360.6	371.0	388.7	417.0	455.6	505.8	564.4	600.5	590.3	545.4
45°	289.2	293.8	301.8	315.9	336.4	366.6	410.9	475.0	530.8	549.3	523.6
47.5°	247.6	247.6	253.8	263.5	278.3	304.0	336.8	386.9	446.6	490.7	488.6
50°	224.4	223.5	228.5	236.9	248.6	265.6	296.9	337.0	394.3	444.3	458.2
52.5°	204.5	204.6	207.6	213.9	223.7	238.2	261.6	297.8	346.7	398.0	424.2
55°	178.3	177.5	181.0	185.2	192.4	201.9	218.7	246.4	286.1	336.6	370.7
57.5°	154.2	156.3	157.6	160.6	166.5	172.9	187.1	207.4	238.9	282.3	318.2
60°	140.2	142.2	143.3	146.2	151.0	156.5	167.5	183.9	210.5	247.9	283.5
62.5°	127.6	129.2	129.6	132.2	136.1	141.4	150.0	163.9	184.9	217.5	252.5
65°	109.5	109.5	110.2	113.0	114.8	119.5	126.1	136.2	153.0	178.5	208.3
67.5°	92.0	92.8	92.7	93.9	95.5	99.3	103.9	112.3	124.8	143.3	167.2
70°	80.6	81.3	81.1	82.0	83.8	86.2	90.1	97.9	106.9	122.8	143.3
72.5°	70.3	70.6	70.1	71.3	72.4	74.5	78.8	83.0	91.3	104.8	121.7
75°	53.8	54.2	54.6	55.3	56.4	57.5	59.7	63.8	69.4	79.5	90.2
77.5°	40.3	39.6	40.6	40.4	41.0	41.9	43.8	46.0	50.5	57.0	65.3
80°	30.4	30.6	30.6	30.7	31.7	32.2	33.8	35.5	39.0	43.7	49.6
82.5°	22.2	22.7	22.3	22.7	23.4	23.8	24.8	26.1	28.1	31.9	36.1
85°	12.1	11.2	11.6	11.9	11.9	12.1	12.8	13.4	14.5	15.9	17.6
87.5°	8.5	8.6	8.6	8.5	8.5	8.3	8.6	8.4	8.6	8.9	9.1
90°	24.6	24.0	23.3	22.6	21.9	21.0	19.9	18.7	17.6	16.5	14.8
92.5°	48.5	48.0	47.5	47.0	46.5	45.5	44.0	42.5	41.0	39.5	37.5
95°	88.4	87.9	87.5	87.0	86.5	85.6	83.9	82.3	80.7	79.1	76.8
97.5°	134.0	133.7	133.5	133.2	132.9	132.0	130.5	129.0	127.5	126.0	122.9
100°	168.5	168.1	167.6	167.2	166.7	165.4	163.3	161.4	159.3	157.2	154.2
102.5°	203.0	202.4	201.8	201.1	200.5	199.1	196.8	194.6	192.3	190.1	188.6
105°	254.8	254.1	253.5	252.8	252.1	251.0	249.7	248.3	247.0	245.6	244.2
107.5°	307.8	307.9	307.9	308.0	308.1	307.8	307.0	306.3	305.7	305.0	304.0
110°	347.3	347.5	347.8	348.0	348.2	348.0	347.3	346.7	345.9	345.2	344.6



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	386.0	386.3	386.8	387.2	387.6	387.6	387.3	387.0	386.7	386.3	385.5
115°	447.0	447.3	447.4	447.7	447.9	448.1	448.4	448.6	448.9	449.1	448.6
117.5°	506.6	507.6	508.4	509.4	510.2	510.6	510.4	510.2	510.1	509.9	509.5
120°	547.7	548.6	549.5	550.4	551.4	551.8	551.8	551.8	551.8	551.8	551.6
122.5°	588.8	589.5	590.3	591.0	591.8	592.2	592.4	592.6	592.7	592.9	592.3
125°	650.5	650.7	650.9	651.2	651.4	651.7	652.2	652.6	653.1	653.6	653.3
127.5°	709.6	710.1	710.6	711.1	711.5	711.9	712.0	712.3	712.5	712.7	712.5
130°	749.1	749.6	750.0	750.5	750.9	751.3	751.5	751.7	751.9	752.2	751.7
132.5°	786.1	786.7	787.3	788.1	788.7	789.1	789.3	789.6	789.8	790.0	790.1
135°	843.7	844.5	845.5	846.4	847.3	847.8	847.8	847.8	847.8	847.8	847.6
137.5°	900.0	901.1	902.2	903.4	904.5	905.0	904.7	904.4	904.1	903.9	903.4
140°	936.1	937.3	938.4	939.5	940.7	941.0	940.6	940.2	939.7	939.2	938.5
142.5°	970.7	971.8	973.0	974.1	975.3	975.7	975.4	975.1	974.9	974.5	973.7
145°	1022.5	1023.1	1023.8	1024.5	1025.2	1025.6	1025.6	1025.6	1025.6	1025.6	1024.8
147.5°	1066.7	1068.2	1069.8	1071.3	1072.9	1073.3	1072.8	1072.2	1071.7	1071.2	1070.6
150°	1099.5	1099.9	1100.4	1100.9	1101.4	1101.6	1101.6	1101.6	1101.6	1101.6	1100.7
152.5°	1126.6	1127.4	1128.3	1129.1	1130.0	1130.0	1129.5	1128.9	1128.5	1127.9	1127.5
155°	1165.3	1166.4	1167.6	1168.7	1169.8	1170.0	1169.0	1168.2	1167.2	1166.3	1166.1
157.5°	1197.5	1199.0	1200.6	1202.1	1203.6	1203.9	1202.9	1202.1	1201.1	1200.2	1200.0
160°	1219.7	1220.9	1222.0	1223.2	1224.3	1224.4	1223.5	1222.6	1221.7	1220.8	1220.5
162.5°	1238.7	1240.0	1241.3	1242.6	1244.0	1244.0	1242.9	1241.9	1240.8	1239.7	1239.6
165°	1263.9	1265.3	1266.7	1268.0	1269.4	1269.6	1268.8	1267.8	1266.9	1266.0	1265.7
167.5°	1284.0	1285.5	1286.9	1288.3	1289.8	1289.8	1288.4	1287.1	1285.6	1284.3	1284.3
170°	1294.7	1296.3	1298.0	1299.6	1301.2	1301.2	1299.9	1298.5	1297.2	1295.8	1295.8
172.5°	1303.8	1305.2	1306.6	1308.1	1309.5	1309.5	1308.1	1306.8	1305.4	1304.0	1304.0
175°	1312.2	1313.8	1315.4	1317.0	1318.6	1318.7	1317.4	1316.0	1314.6	1313.3	1313.3
177.5°	1317.2	1318.4	1319.7	1321.0	1322.3	1322.4	1321.3	1320.2	1319.1	1318.0	1318.2
180°	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3
2.5°	443.7	442.7	441.5	439.4	437.0	435.6	433.6	432.3	429.7	427.5	425.1
5°	466.2	461.4	457.1	451.4	445.2	441.2	436.4	431.1	425.6	419.9	413.7
7.5°	489.6	481.1	472.0	462.2	452.5	443.6	435.1	426.9	419.1	409.7	401.8
10°	505.2	494.6	483.2	469.9	456.9	445.5	434.0	424.0	413.7	402.7	393.0
12.5°	520.9	506.8	490.7	476.0	460.4	446.7	433.2	420.3	407.4	395.2	383.9
15°	532.0	519.5	504.7	483.8	466.2	447.3	429.4	412.8	397.2	383.7	369.4
17.5°	539.2	523.2	507.2	487.3	464.2	443.1	422.8	403.7	386.2	369.0	355.3
20°	540.5	524.0	507.4	487.8	464.2	440.1	419.7	396.9	378.0	360.2	343.4
22.5°	540.1	521.4	503.3	483.2	460.1	437.8	413.3	390.0	369.5	352.0	334.5
25°	536.0	516.0	493.3	473.0	450.3	426.7	401.8	377.6	356.8	336.8	319.4
27.5°	532.5	506.7	480.9	457.2	435.3	413.7	389.8	365.1	342.0	321.8	305.4
30°	528.3	499.9	471.0	446.2	423.7	402.7	380.2	356.0	331.8	312.1	294.5
32.5°	524.5	491.4	460.9	434.0	410.1	389.7	368.9	345.9	322.2	302.1	284.6
35°	517.1	478.9	443.9	413.5	388.1	367.0	349.6	328.2	306.4	287.0	270.2
37.5°	507.8	462.4	424.8	393.0	365.1	342.9	326.8	310.3	289.4	270.7	255.5
40°	500.4	450.7	410.9	378.3	349.4	326.4	311.3	295.8	278.5	261.0	244.9
42.5°	491.2	440.1	396.9	361.8	333.2	310.7	294.9	281.8	266.4	250.2	235.3
45°	474.3	421.0	374.1	336.4	307.5	285.3	269.1	259.2	247.6	232.3	219.7
47.5°	449.3	398.1	349.6	310.7	280.8	260.3	245.0	235.5	227.4	216.0	204.5
50°	427.2	381.0	331.8	293.3	263.4	242.7	228.6	220.0	213.1	204.3	194.6
52.5°	402.5	359.4	314.4	276.2	246.7	226.3	212.5	204.9	199.2	192.9	183.3
55°	363.1	326.5	284.8	248.6	221.3	201.4	189.3	182.7	177.9	173.2	167.3
57.5°	319.9	291.2	254.3	221.1	196.0	177.8	166.6	160.2	156.5	154.0	150.6
60°	289.4	264.9	233.1	202.8	178.3	162.2	151.2	146.2	143.1	141.2	138.6
62.5°	261.1	241.0	211.5	183.9	162.5	147.3	137.4	132.6	129.7	128.7	126.6
65°	219.5	203.9	179.6	156.7	138.4	125.4	117.2	112.6	110.7	109.6	109.8
67.5°	178.4	169.0	149.4	129.9	115.3	104.4	97.8	94.3	93.3	91.9	91.9
70°	153.4	146.2	129.8	112.7	99.7	91.3	85.5	81.8	80.9	80.2	80.0
72.5°	131.3	125.0	110.7	97.1	85.4	78.0	73.2	71.0	69.5	69.1	69.0
75°	98.6	95.2	83.8	73.0	65.0	59.9	56.6	54.6	53.5	53.2	53.5
77.5°	70.1	67.1	59.9	52.2	47.1	43.3	40.5	39.8	38.6	38.6	38.4
80°	52.7	50.7	46.1	40.1	35.9	32.6	31.1	29.9	29.5	28.9	29.5
82.5°	38.2	36.0	33.0	29.1	25.6	23.7	22.2	21.8	21.5	21.3	21.4
85°	18.9	19.0	17.2	14.3	12.8	11.7	10.8	10.8	10.6	10.5	10.6
87.5°	9.1	8.5	7.6	6.8	5.7	4.9	4.4	4.2	4.1	4.3	4.8
90°	13.2	11.6	10.1	8.3	6.5	4.7	2.9	1.0	2.9	4.7	6.5
92.5°	35.6	33.6	31.6	29.9	28.7	27.4	26.1	24.9	26.1	27.4	28.7
95°	74.5	72.2	70.0	68.6	68.1	67.7	67.3	66.8	67.3	67.7	68.1
97.5°	119.7	116.5	113.4	111.7	111.5	111.4	111.1	111.0	111.1	111.4	111.5
100°	151.3	148.3	145.4	143.9	143.9	143.9	143.9	143.9	143.9	143.9	143.9
102.5°	187.1	185.6	184.1	182.8	182.0	181.0	180.1	179.2	180.1	181.0	182.0
105°	242.9	241.5	240.1	238.8	237.7	236.5	235.4	234.3	235.4	236.5	237.7
107.5°	302.9	301.8	300.8	299.7	298.6	297.4	296.3	295.1	296.3	297.4	298.6
110°	343.9	343.3	342.5	341.6	340.5	339.4	338.2	337.1	338.2	339.4	340.5





TEST NUMBER: P333359-927

CATALOG NUMBER: S125DIW-S375D1340U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	384.6	383.7	382.9	382.1	381.6	381.0	380.4	379.8	380.4	381.0	381.6
115°	448.1	447.7	447.3	446.6	445.6	444.7	443.8	442.9	443.8	444.7	445.6
117.5°	509.1	508.7	508.3	507.9	507.4	507.0	506.6	506.2	506.6	507.0	507.4
120°	551.4	551.1	550.9	550.2	549.1	548.0	546.8	545.7	546.8	548.0	549.1
122.5°	591.8	591.1	590.6	590.0	589.6	589.2	588.8	588.4	588.8	589.2	589.6
125°	653.1	652.8	652.6	651.8	650.5	649.1	647.7	646.3	647.7	649.1	650.5
127.5°	712.2	711.9	711.6	711.1	710.3	709.6	708.8	708.0	708.8	709.6	710.3
130°	751.3	750.8	750.4	749.6	748.5	747.3	746.2	745.0	746.2	747.3	748.5
132.5°	790.2	790.3	790.4	789.5	787.6	785.8	783.9	782.0	783.9	785.8	787.6
135°	847.3	847.1	846.8	846.1	844.7	843.3	841.9	840.6	841.9	843.3	844.7
137.5°	902.9	902.4	901.8	900.9	899.6	898.3	897.0	895.6	897.0	898.3	899.6
140°	937.9	937.2	936.4	935.6	934.5	933.3	932.2	931.0	932.2	933.3	934.5
142.5°	972.8	971.9	971.1	970.2	969.2	968.3	967.3	966.4	967.3	968.3	969.2
145°	1024.1	1023.5	1022.8	1022.0	1021.0	1020.2	1019.2	1018.4	1019.2	1020.2	1021.0
147.5°	1070.1	1069.5	1069.0	1068.4	1067.9	1067.5	1066.9	1066.4	1066.9	1067.5	1067.9
150°	1099.8	1098.8	1097.9	1097.6	1097.8	1098.0	1098.3	1098.5	1098.3	1098.0	1097.8
152.5°	1127.1	1126.8	1126.4	1126.1	1125.8	1125.5	1125.1	1124.8	1125.1	1125.5	1125.8
155°	1165.9	1165.6	1165.4	1165.3	1165.3	1165.3	1165.3	1165.3	1165.3	1165.3	1165.3
157.5°	1199.8	1199.5	1199.3	1199.4	1199.9	1200.5	1200.9	1201.4	1200.9	1200.5	1199.9
160°	1220.4	1220.1	1219.9	1220.1	1220.8	1221.5	1222.2	1222.8	1222.2	1221.5	1220.8
162.5°	1239.6	1239.5	1239.5	1239.8	1240.2	1240.7	1241.3	1241.7	1241.3	1240.7	1240.2
165°	1265.5	1265.3	1265.1	1265.2	1265.7	1266.1	1266.5	1267.0	1266.5	1266.1	1265.7
167.5°	1284.3	1284.3	1284.3	1284.8	1285.6	1286.6	1287.5	1288.4	1287.5	1286.6	1285.6
170°	1295.8	1295.8	1295.8	1296.2	1297.2	1298.1	1299.0	1299.9	1299.0	1298.1	1297.2
172.5°	1304.0	1304.0	1304.0	1304.5	1305.4	1306.3	1307.2	1308.1	1307.2	1306.3	1305.4
175°	1313.3	1313.3	1313.3	1313.8	1314.6	1315.6	1316.4	1317.4	1316.4	1315.6	1314.6
177.5°	1318.3	1318.5	1318.7	1319.1	1319.9	1320.6	1321.4	1322.1	1321.4	1320.6	1319.9
180°	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5



TEST NUMBER: P333359-927

CATALOG NUMBER: S125DIW-S375D1340U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3
2.5°	423.8	422.2	420.9	418.0	416.3	414.2	412.4	414.3	412.3	413.1	411.8
5°	410.6	405.4	401.8	396.5	391.9	387.7	384.6	384.0	382.5	381.8	379.6
7.5°	394.7	388.2	382.0	375.0	369.2	363.2	359.4	356.2	354.2	351.4	349.5
10°	385.3	376.7	369.4	361.0	353.6	347.2	342.1	339.5	337.2	333.7	332.4
12.5°	373.8	364.9	355.9	346.9	339.8	332.7	328.4	324.5	322.8	318.9	318.5
15°	359.9	346.5	337.7	328.6	318.9	313.0	309.3	305.1	303.3	300.6	298.6
17.5°	343.3	331.4	320.4	310.9	302.6	297.7	293.1	290.3	287.1	285.3	282.0
20°	331.3	320.0	309.0	298.9	292.5	286.8	283.2	280.4	277.1	276.2	272.9
22.5°	321.2	308.7	298.2	289.7	282.7	276.3	272.4	270.5	268.2	265.4	264.7
25°	304.8	291.8	282.8	274.4	268.2	262.3	259.6	257.2	255.0	252.9	252.2
27.5°	290.6	278.9	268.3	260.7	255.2	249.9	247.6	244.6	243.0	241.4	239.4
30°	280.6	268.7	259.4	252.1	246.2	241.5	238.8	236.9	235.4	233.9	232.8
32.5°	270.4	259.4	250.3	243.1	237.3	233.7	231.4	230.0	228.4	226.6	225.2
35°	256.8	244.7	235.9	229.7	225.1	222.4	219.8	218.6	216.7	216.7	215.2
37.5°	241.5	231.1	223.3	217.7	213.6	211.1	208.3	207.5	206.3	205.5	205.0
40°	232.5	222.8	215.5	209.8	205.4	203.4	201.1	199.7	199.0	198.0	197.7
42.5°	223.1	213.8	206.8	201.6	197.7	196.1	194.0	193.0	191.5	190.3	190.0
45°	208.8	199.9	193.5	189.3	186.0	183.9	182.7	180.5	179.7	178.3	178.1
47.5°	195.4	186.7	180.5	177.0	174.1	172.5	170.5	168.3	167.4	166.7	166.6
50°	185.2	177.4	171.5	168.3	165.5	163.1	161.1	159.6	159.1	159.1	159.5
52.5°	175.0	168.3	163.3	159.3	156.7	154.2	152.3	151.4	150.6	151.5	152.1
55°	160.0	153.2	149.6	145.7	143.1	140.2	139.3	138.9	138.4	139.8	140.6
57.5°	144.1	139.3	135.1	131.3	129.0	127.2	126.0	125.8	126.8	127.5	129.9
60°	134.0	128.5	124.7	121.8	119.0	117.9	117.5	117.2	117.9	119.9	123.0
62.5°	122.9	118.4	114.2	112.1	110.0	108.2	108.1	108.4	109.8	112.2	115.3
65°	106.5	102.7	100.0	97.4	95.7	94.7	95.0	95.7	97.4	100.5	103.9
67.5°	89.9	87.3	84.8	82.8	81.2	81.2	81.6	82.7	84.6	88.2	91.3
70°	79.3	76.4	74.3	73.4	72.1	71.4	72.5	74.3	76.0	79.3	82.0
72.5°	68.6	66.1	64.5	63.8	63.3	62.7	63.1	65.1	67.3	70.6	73.8
75°	52.7	51.8	50.7	50.0	49.4	49.8	50.1	52.0	53.8	57.3	60.9
77.5°	38.5	37.5	36.8	36.7	36.4	36.6	37.6	39.0	40.7	43.3	46.0
80°	29.1	28.8	28.4	28.2	28.2	28.4	29.9	30.7	32.4	34.8	37.0
82.5°	21.2	21.0	20.9	20.8	21.0	21.1	21.9	23.1	24.5	26.3	28.2
85°	11.2	10.8	11.3	11.6	11.2	11.7	12.1	12.8	13.4	14.3	15.2
87.5°	5.3	5.9	6.1	6.6	6.9	7.5	7.6	8.4	9.0	9.5	9.5
90°	8.3	10.1	11.6	13.2	14.8	16.5	17.6	18.7	19.9	21.0	21.9
92.5°	29.9	31.6	33.6	35.6	37.5	39.5	41.0	42.5	44.0	45.5	46.5
95°	68.6	70.0	72.2	74.5	76.8	79.1	80.7	82.3	83.9	85.6	86.5
97.5°	111.7	113.4	116.5	119.7	122.9	126.0	127.5	129.0	130.5	132.0	132.9
100°	143.9	145.4	148.3	151.3	154.2	157.2	159.3	161.4	163.3	165.4	166.7
102.5°	182.8	184.1	185.6	187.1	188.6	190.1	192.3	194.6	196.8	199.1	200.5
105°	238.8	240.1	241.5	242.9	244.2	245.6	247.0	248.3	249.7	251.0	252.1
107.5°	299.7	300.8	301.8	302.9	304.0	305.0	305.7	306.3	307.0	307.8	308.1
110°	341.6	342.5	343.3	343.9	344.6	345.2	345.9	346.7	347.3	348.0	348.2



TEST NUMBER: P333359-927

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**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	382.1	382.9	383.7	384.6	385.5	386.3	386.7	387.0	387.3	387.6	387.6
115°	446.6	447.3	447.7	448.1	448.6	449.1	448.9	448.6	448.4	448.1	447.9
117.5°	507.9	508.3	508.7	509.1	509.5	509.9	510.1	510.2	510.4	510.6	510.2
120°	550.2	550.9	551.1	551.4	551.6	551.8	551.8	551.8	551.8	551.8	551.4
122.5°	590.0	590.6	591.1	591.8	592.3	592.9	592.7	592.6	592.4	592.2	591.8
125°	651.8	652.6	652.8	653.1	653.3	653.6	653.1	652.6	652.2	651.7	651.4
127.5°	711.1	711.6	711.9	712.2	712.5	712.7	712.5	712.3	712.0	711.9	711.5
130°	749.6	750.4	750.8	751.3	751.7	752.2	751.9	751.7	751.5	751.3	750.9
132.5°	789.5	790.4	790.3	790.2	790.1	790.0	789.8	789.6	789.3	789.1	788.7
135°	846.1	846.8	847.1	847.3	847.6	847.8	847.8	847.8	847.8	847.8	847.3
137.5°	900.9	901.8	902.4	902.9	903.4	903.9	904.1	904.4	904.7	905.0	904.5
140°	935.6	936.4	937.2	937.9	938.5	939.2	939.7	940.2	940.6	941.0	940.7
142.5°	970.2	971.1	971.9	972.8	973.7	974.5	974.9	975.1	975.4	975.7	975.3
145°	1022.0	1022.8	1023.5	1024.1	1024.8	1025.6	1025.6	1025.6	1025.6	1025.6	1025.2
147.5°	1068.4	1069.0	1069.5	1070.1	1070.6	1071.2	1071.7	1072.2	1072.8	1073.3	1072.9
150°	1097.6	1097.9	1098.8	1099.8	1100.7	1101.6	1101.6	1101.6	1101.6	1101.6	1101.4
152.5°	1126.1	1126.4	1126.8	1127.1	1127.5	1127.9	1128.5	1128.9	1129.5	1130.0	1130.0
155°	1165.3	1165.4	1165.6	1165.9	1166.1	1166.3	1167.2	1168.2	1169.0	1170.0	1169.8
157.5°	1199.4	1199.3	1199.5	1199.8	1200.0	1200.2	1201.1	1202.1	1202.9	1203.9	1203.6
160°	1220.1	1219.9	1220.1	1220.4	1220.5	1220.8	1221.7	1222.6	1223.5	1224.4	1224.3
162.5°	1239.8	1239.5	1239.5	1239.6	1239.6	1239.7	1240.8	1241.9	1242.9	1244.0	1244.0
165°	1265.2	1265.1	1265.3	1265.5	1265.7	1266.0	1266.9	1267.8	1268.8	1269.6	1269.4
167.5°	1284.8	1284.3	1284.3	1284.3	1284.3	1284.3	1285.6	1287.1	1288.4	1289.8	1289.8
170°	1296.2	1295.8	1295.8	1295.8	1295.8	1295.8	1297.2	1298.5	1299.9	1301.2	1301.2
172.5°	1304.5	1304.0	1304.0	1304.0	1304.0	1304.0	1305.4	1306.8	1308.1	1309.5	1309.5
175°	1313.8	1313.3	1313.3	1313.3	1313.3	1313.3	1314.6	1316.0	1317.4	1318.7	1318.6
177.5°	1319.1	1318.7	1318.5	1318.3	1318.2	1318.0	1319.1	1320.2	1321.3	1322.4	1322.3
180°	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5



TEST NUMBER: P333359-927

CATALOG NUMBER: S125DIW-S375D1340U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3
2.5°	410.9	411.9	411.1	412.3	411.1	411.9	410.9	411.8	413.1	412.3	414.3
5°	378.7	377.1	378.2	377.5	378.2	377.1	378.7	379.6	381.8	382.5	384.0
7.5°	349.0	347.5	345.6	344.8	345.6	347.5	349.0	349.5	351.4	354.2	356.2
10°	330.4	328.4	328.2	326.9	328.2	328.4	330.4	332.4	333.7	337.2	339.5
12.5°	316.8	314.9	312.8	312.3	312.8	314.9	316.8	318.5	318.9	322.8	324.5
15°	297.5	296.0	294.7	295.8	294.7	296.0	297.5	298.6	300.6	303.3	305.1
17.5°	281.4	280.2	280.0	278.6	280.0	280.2	281.4	282.0	285.3	287.1	290.3
20°	271.2	270.4	270.8	268.3	270.8	270.4	271.2	272.9	276.2	277.1	280.4
22.5°	263.2	261.4	261.2	260.7	261.2	261.4	263.2	264.7	265.4	268.2	270.5
25°	250.6	249.7	248.7	249.7	248.7	249.7	250.6	252.2	252.9	255.0	257.2
27.5°	239.6	238.4	238.2	238.4	238.2	238.4	239.6	239.4	241.4	243.0	244.6
30°	232.8	231.0	231.2	231.0	231.2	231.0	232.8	232.8	233.9	235.4	236.9
32.5°	225.5	224.3	224.0	223.7	224.0	224.3	225.5	225.2	226.6	228.4	230.0
35°	214.7	214.7	213.8	213.8	213.8	214.7	214.7	215.2	216.7	216.7	218.6
37.5°	204.5	204.4	203.8	203.9	203.8	204.4	204.5	205.0	205.5	206.3	207.5
40°	196.9	196.8	196.2	195.1	196.2	196.8	196.9	197.7	198.0	199.0	199.7
42.5°	189.6	189.0	188.8	188.4	188.8	189.0	189.6	190.0	190.3	191.5	193.0
45°	178.1	178.1	177.8	177.5	177.8	178.1	178.1	178.1	178.3	179.7	180.5
47.5°	166.9	167.2	167.9	167.8	167.9	167.2	166.9	166.6	166.7	167.4	168.3
50°	160.2	160.3	160.9	161.1	160.9	160.3	160.2	159.5	159.1	159.1	159.6
52.5°	152.7	153.8	154.5	154.3	154.5	153.8	152.7	152.1	151.5	150.6	151.4
55°	142.2	143.5	144.8	145.0	144.8	143.5	142.2	140.6	139.8	138.4	138.9
57.5°	131.9	133.6	135.0	135.5	135.0	133.6	131.9	129.9	127.5	126.8	125.8
60°	124.8	127.2	128.9	129.6	128.9	127.2	124.8	123.0	119.9	117.9	117.2
62.5°	118.1	120.8	122.4	122.6	122.4	120.8	118.1	115.3	112.2	109.8	108.4
65°	107.1	109.8	111.3	112.4	111.3	109.8	107.1	103.9	100.5	97.4	95.7
67.5°	95.2	98.0	99.6	100.4	99.6	98.0	95.2	91.3	88.2	84.6	82.7
70°	86.6	89.4	91.5	92.3	91.5	89.4	86.6	82.0	79.3	76.0	74.3
72.5°	78.1	80.6	82.3	83.2	82.3	80.6	78.1	73.8	70.6	67.3	65.1
75°	63.3	66.6	68.3	69.2	68.3	66.6	63.3	60.9	57.3	53.8	52.0
77.5°	48.8	51.8	52.8	53.3	52.8	51.8	48.8	46.0	43.3	40.7	39.0
80°	39.1	41.0	42.3	42.5	42.3	41.0	39.1	37.0	34.8	32.4	30.7
82.5°	30.1	31.6	32.0	32.5	32.0	31.6	30.1	28.2	26.3	24.5	23.1
85°	16.5	17.2	17.4	17.2	17.4	17.2	16.5	15.2	14.3	13.4	12.8
87.5°	9.9	9.9	10.1	10.5	10.1	9.9	9.9	9.5	9.5	9.0	8.4
90°	22.6	23.3	24.0	24.6	24.0	23.3	22.6	21.9	21.0	19.9	18.7
92.5°	47.0	47.5	48.0	48.5	48.0	47.5	47.0	46.5	45.5	44.0	42.5
95°	87.0	87.5	87.9	88.4	87.9	87.5	87.0	86.5	85.6	83.9	82.3
97.5°	133.2	133.5	133.7	134.0	133.7	133.5	133.2	132.9	132.0	130.5	129.0
100°	167.2	167.6	168.1	168.5	168.1	167.6	167.2	166.7	165.4	163.3	161.4
102.5°	201.1	201.8	202.4	203.0	202.4	201.8	201.1	200.5	199.1	196.8	194.6
105°	252.8	253.5	254.1	254.8	254.1	253.5	252.8	252.1	251.0	249.7	248.3
107.5°	308.0	307.9	307.9	307.8	307.9	307.9	308.0	308.1	307.8	307.0	306.3
110°	348.0	347.8	347.5	347.3	347.5	347.8	348.0	348.2	348.0	347.3	346.7



TEST NUMBER: P333359-927

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**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	387.2	386.8	386.3	386.0	386.3	386.8	387.2	387.6	387.6	387.3	387.0
115°	447.7	447.4	447.3	447.0	447.3	447.4	447.7	447.9	448.1	448.4	448.6
117.5°	509.4	508.4	507.6	506.6	507.6	508.4	509.4	510.2	510.6	510.4	510.2
120°	550.4	549.5	548.6	547.7	548.6	549.5	550.4	551.4	551.8	551.8	551.8
122.5°	591.0	590.3	589.5	588.8	589.5	590.3	591.0	591.8	592.2	592.4	592.6
125°	651.2	650.9	650.7	650.5	650.7	650.9	651.2	651.4	651.7	652.2	652.6
127.5°	711.1	710.6	710.1	709.6	710.1	710.6	711.1	711.5	711.9	712.0	712.3
130°	750.5	750.0	749.6	749.1	749.6	750.0	750.5	750.9	751.3	751.5	751.7
132.5°	788.1	787.3	786.7	786.1	786.7	787.3	788.1	788.7	789.1	789.3	789.6
135°	846.4	845.5	844.5	843.7	844.5	845.5	846.4	847.3	847.8	847.8	847.8
137.5°	903.4	902.2	901.1	900.0	901.1	902.2	903.4	904.5	905.0	904.7	904.4
140°	939.5	938.4	937.3	936.1	937.3	938.4	939.5	940.7	941.0	940.6	940.2
142.5°	974.1	973.0	971.8	970.7	971.8	973.0	974.1	975.3	975.7	975.4	975.1
145°	1024.5	1023.8	1023.1	1022.5	1023.1	1023.8	1024.5	1025.2	1025.6	1025.6	1025.6
147.5°	1071.3	1069.8	1068.2	1066.7	1068.2	1069.8	1071.3	1072.9	1073.3	1072.8	1072.2
150°	1100.9	1100.4	1099.9	1099.5	1099.9	1100.4	1100.9	1101.4	1101.6	1101.6	1101.6
152.5°	1129.1	1128.3	1127.4	1126.6	1127.4	1128.3	1129.1	1130.0	1130.0	1129.5	1128.9
155°	1168.7	1167.6	1166.4	1165.3	1166.4	1167.6	1168.7	1169.8	1170.0	1169.0	1168.2
157.5°	1202.1	1200.6	1199.0	1197.5	1199.0	1200.6	1202.1	1203.6	1203.9	1202.9	1202.1
160°	1223.2	1222.0	1220.9	1219.7	1220.9	1222.0	1223.2	1224.3	1224.4	1223.5	1222.6
162.5°	1242.6	1241.3	1240.0	1238.7	1240.0	1241.3	1242.6	1244.0	1244.0	1242.9	1241.9
165°	1268.0	1266.7	1265.3	1263.9	1265.3	1266.7	1268.0	1269.4	1269.6	1268.8	1267.8
167.5°	1288.3	1286.9	1285.5	1284.0	1285.5	1286.9	1288.3	1289.8	1289.8	1288.4	1287.1
170°	1299.6	1298.0	1296.3	1294.7	1296.3	1298.0	1299.6	1301.2	1301.2	1299.9	1298.5
172.5°	1308.1	1306.6	1305.2	1303.8	1305.2	1306.6	1308.1	1309.5	1309.5	1308.1	1306.8
175°	1317.0	1315.4	1313.8	1312.2	1313.8	1315.4	1317.0	1318.6	1318.7	1317.4	1316.0
177.5°	1321.0	1319.7	1318.4	1317.2	1318.4	1319.7	1321.0	1322.3	1322.4	1321.3	1320.2
180°	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5



TEST NUMBER: P333359-927

CATALOG NUMBER: S125DIW-S375D1340U927-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3
2.5°	412.4	414.2	416.3	418.0	420.9	422.2	423.8	425.1	427.5	429.7	432.3
5°	384.6	387.7	391.9	396.5	401.8	405.4	410.6	413.7	419.9	425.6	431.1
7.5°	359.4	363.2	369.2	375.0	382.0	388.2	394.7	401.8	409.7	419.1	426.9
10°	342.1	347.2	353.6	361.0	369.4	376.7	385.3	393.0	402.7	413.7	424.0
12.5°	328.4	332.7	339.8	346.9	355.9	364.9	373.8	383.9	395.2	407.4	420.3
15°	309.3	313.0	318.9	328.6	337.7	346.5	359.9	369.4	383.7	397.2	412.8
17.5°	293.1	297.7	302.6	310.9	320.4	331.4	343.3	355.3	369.0	386.2	403.7
20°	283.2	286.8	292.5	298.9	309.0	320.0	331.3	343.4	360.2	378.0	396.9
22.5°	272.4	276.3	282.7	289.7	298.2	308.7	321.2	334.5	352.0	369.5	390.0
25°	259.6	262.3	268.2	274.4	282.8	291.8	304.8	319.4	336.8	356.8	377.6
27.5°	247.6	249.9	255.2	260.7	268.3	278.9	290.6	305.4	321.8	342.0	365.1
30°	238.8	241.5	246.2	252.1	259.4	268.7	280.6	294.5	312.1	331.8	356.0
32.5°	231.4	233.7	237.3	243.1	250.3	259.4	270.4	284.6	302.1	322.2	345.9
35°	219.8	222.4	225.1	229.7	235.9	244.7	256.8	270.2	287.0	306.4	328.2
37.5°	208.3	211.1	213.6	217.7	223.3	231.1	241.5	255.5	270.7	289.4	310.3
40°	201.1	203.4	205.4	209.8	215.5	222.8	232.5	244.9	261.0	278.5	295.8
42.5°	194.0	196.1	197.7	201.6	206.8	213.8	223.1	235.3	250.2	266.4	281.8
45°	182.7	183.9	186.0	189.3	193.5	199.9	208.8	219.7	232.3	247.6	259.2
47.5°	170.5	172.5	174.1	177.0	180.5	186.7	195.4	204.5	216.0	227.4	235.5
50°	161.1	163.1	165.5	168.3	171.5	177.4	185.2	194.6	204.3	213.1	220.0
52.5°	152.3	154.2	156.7	159.3	163.3	168.3	175.0	183.3	192.9	199.2	204.9
55°	139.3	140.2	143.1	145.7	149.6	153.2	160.0	167.3	173.2	177.9	182.7
57.5°	126.0	127.2	129.0	131.3	135.1	139.3	144.1	150.6	154.0	156.5	160.2
60°	117.5	117.9	119.0	121.8	124.7	128.5	134.0	138.6	141.2	143.1	146.2
62.5°	108.1	108.2	110.0	112.1	114.2	118.4	122.9	126.6	128.7	129.7	132.6
65°	95.0	94.7	95.7	97.4	100.0	102.7	106.5	109.8	109.6	110.7	112.6
67.5°	81.6	81.2	81.2	82.8	84.8	87.3	89.9	91.9	91.9	93.3	94.3
70°	72.5	71.4	72.1	73.4	74.3	76.4	79.3	80.0	80.2	80.9	81.8
72.5°	63.1	62.7	63.3	63.8	64.5	66.1	68.6	69.0	69.1	69.5	71.0
75°	50.1	49.8	49.4	50.0	50.7	51.8	52.7	53.5	53.2	53.5	54.6
77.5°	37.6	36.6	36.4	36.7	36.8	37.5	38.5	38.4	38.6	38.6	39.8
80°	29.9	28.4	28.2	28.2	28.4	28.8	29.1	29.5	28.9	29.5	29.9
82.5°	21.9	21.1	21.0	20.8	20.9	21.0	21.2	21.4	21.3	21.5	21.8
85°	12.1	11.7	11.2	11.6	11.3	10.8	11.2	10.6	10.5	10.6	10.8
87.5°	7.6	7.5	6.9	6.6	6.1	5.9	5.3	4.8	4.3	4.1	4.2
90°	17.6	16.5	14.8	13.2	11.6	10.1	8.3	6.5	4.7	2.9	1.0
92.5°	41.0	39.5	37.5	35.6	33.6	31.6	29.9	28.7	27.4	26.1	24.9
95°	80.7	79.1	76.8	74.5	72.2	70.0	68.6	68.1	67.7	67.3	66.8
97.5°	127.5	126.0	122.9	119.7	116.5	113.4	111.7	111.5	111.4	111.1	111.0
100°	159.3	157.2	154.2	151.3	148.3	145.4	143.9	143.9	143.9	143.9	143.9
102.5°	192.3	190.1	188.6	187.1	185.6	184.1	182.8	182.0	181.0	180.1	179.2
105°	247.0	245.6	244.2	242.9	241.5	240.1	238.8	237.7	236.5	235.4	234.3
107.5°	305.7	305.0	304.0	302.9	301.8	300.8	299.7	298.6	297.4	296.3	295.1
110°	345.9	345.2	344.6	343.9	343.3	342.5	341.6	340.5	339.4	338.2	337.1



TEST NUMBER: P333359-927

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**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	386.7	386.3	385.5	384.6	383.7	382.9	382.1	381.6	381.0	380.4	379.8
115°	448.9	449.1	448.6	448.1	447.7	447.3	446.6	445.6	444.7	443.8	442.9
117.5°	510.1	509.9	509.5	509.1	508.7	508.3	507.9	507.4	507.0	506.6	506.2
120°	551.8	551.8	551.6	551.4	551.1	550.9	550.2	549.1	548.0	546.8	545.7
122.5°	592.7	592.9	592.3	591.8	591.1	590.6	590.0	589.6	589.2	588.8	588.4
125°	653.1	653.6	653.3	653.1	652.8	652.6	651.8	650.5	649.1	647.7	646.3
127.5°	712.5	712.7	712.5	712.2	711.9	711.6	711.1	710.3	709.6	708.8	708.0
130°	751.9	752.2	751.7	751.3	750.8	750.4	749.6	748.5	747.3	746.2	745.0
132.5°	789.8	790.0	790.1	790.2	790.3	790.4	789.5	787.6	785.8	783.9	782.0
135°	847.8	847.8	847.6	847.3	847.1	846.8	846.1	844.7	843.3	841.9	840.6
137.5°	904.1	903.9	903.4	902.9	902.4	901.8	900.9	899.6	898.3	897.0	895.6
140°	939.7	939.2	938.5	937.9	937.2	936.4	935.6	934.5	933.3	932.2	931.0
142.5°	974.9	974.5	973.7	972.8	971.9	971.1	970.2	969.2	968.3	967.3	966.4
145°	1025.6	1025.6	1024.8	1024.1	1023.5	1022.8	1022.0	1021.0	1020.2	1019.2	1018.4
147.5°	1071.7	1071.2	1070.6	1070.1	1069.5	1069.0	1068.4	1067.9	1067.5	1066.9	1066.4
150°	1101.6	1101.6	1100.7	1099.8	1098.8	1097.9	1097.6	1097.8	1098.0	1098.3	1098.5
152.5°	1128.5	1127.9	1127.5	1127.1	1126.8	1126.4	1126.1	1125.8	1125.5	1125.1	1124.8
155°	1167.2	1166.3	1166.1	1165.9	1165.6	1165.4	1165.3	1165.3	1165.3	1165.3	1165.3
157.5°	1201.1	1200.2	1200.0	1199.8	1199.5	1199.3	1199.4	1199.9	1200.5	1200.9	1201.4
160°	1221.7	1220.8	1220.5	1220.4	1220.1	1219.9	1220.1	1220.8	1221.5	1222.2	1222.8
162.5°	1240.8	1239.7	1239.6	1239.6	1239.5	1239.5	1239.8	1240.2	1240.7	1241.3	1241.7
165°	1266.9	1266.0	1265.7	1265.5	1265.3	1265.1	1265.2	1265.7	1266.1	1266.5	1267.0
167.5°	1285.6	1284.3	1284.3	1284.3	1284.3	1284.3	1284.8	1285.6	1286.6	1287.5	1288.4
170°	1297.2	1295.8	1295.8	1295.8	1295.8	1295.8	1296.2	1297.2	1298.1	1299.0	1299.9
172.5°	1305.4	1304.0	1304.0	1304.0	1304.0	1304.0	1304.5	1305.4	1306.3	1307.2	1308.1
175°	1314.6	1313.3	1313.3	1313.3	1313.3	1313.3	1313.8	1314.6	1315.6	1316.4	1317.4
177.5°	1319.1	1318.0	1318.2	1318.3	1318.5	1318.7	1319.1	1319.9	1320.6	1321.4	1322.1
180°	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5



TEST NUMBER: P333359-927

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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3	431.3
2.5°	433.6	435.6	437.0	439.4	441.5	442.7	443.7	444.6	445.6	446.5	449.0
5°	436.4	441.2	445.2	451.4	457.1	461.4	466.2	470.4	473.9	478.9	482.7
7.5°	435.1	443.6	452.5	462.2	472.0	481.1	489.6	497.4	504.5	513.2	520.8
10°	434.0	445.5	456.9	469.9	483.2	494.6	505.2	516.0	523.9	534.9	544.2
12.5°	433.2	446.7	460.4	476.0	490.7	506.8	520.9	528.8	540.7	549.5	560.6
15°	429.4	447.3	466.2	483.8	504.7	519.5	532.0	547.3	558.5	569.7	581.7
17.5°	422.8	443.1	464.2	487.3	507.2	523.2	539.2	554.1	567.4	582.3	597.4
20°	419.7	440.1	464.2	487.8	507.4	524.0	540.5	556.8	571.5	590.7	608.1
22.5°	413.3	437.8	460.1	483.2	503.3	521.4	540.1	558.6	578.1	599.8	621.5
25°	401.8	426.7	450.3	473.0	493.3	516.0	536.0	560.7	585.6	614.3	641.4
27.5°	389.8	413.7	435.3	457.2	480.9	506.7	532.5	560.5	593.2	629.5	667.7
30°	380.2	402.7	423.7	446.2	471.0	499.9	528.3	561.6	599.3	640.1	685.6
32.5°	368.9	389.7	410.1	434.0	460.9	491.4	524.5	561.0	606.3	652.7	699.4
35°	349.6	367.0	388.1	413.5	443.9	478.9	517.1	560.3	612.3	665.6	704.9
37.5°	326.8	342.9	365.1	393.0	424.8	462.4	507.8	559.0	614.3	656.7	669.4
40°	311.3	326.4	349.4	378.3	410.9	450.7	500.4	554.6	608.1	635.2	624.7
42.5°	294.9	310.7	333.2	361.8	396.9	440.1	491.2	545.4	590.3	600.5	564.4
45°	269.1	285.3	307.5	336.4	374.1	421.0	474.3	523.6	549.3	530.8	475.0
47.5°	245.0	260.3	280.8	310.7	349.6	398.1	449.3	488.6	490.7	446.6	386.9
50°	228.6	242.7	263.4	293.3	331.8	381.0	427.2	458.2	444.3	394.3	337.0
52.5°	212.5	226.3	246.7	276.2	314.4	359.4	402.5	424.2	398.0	346.7	297.8
55°	189.3	201.4	221.3	248.6	284.8	326.5	363.1	370.7	336.6	286.1	246.4
57.5°	166.6	177.8	196.0	221.1	254.3	291.2	319.9	318.2	282.3	238.9	207.4
60°	151.2	162.2	178.3	202.8	233.1	264.9	289.4	283.5	247.9	210.5	183.9
62.5°	137.4	147.3	162.5	183.9	211.5	241.0	261.1	252.5	217.5	184.9	163.9
65°	117.2	125.4	138.4	156.7	179.6	203.9	219.5	208.3	178.5	153.0	136.2
67.5°	97.8	104.4	115.3	129.9	149.4	169.0	178.4	167.2	143.3	124.8	112.3
70°	85.5	91.3	99.7	112.7	129.8	146.2	153.4	143.3	122.8	106.9	97.9
72.5°	73.2	78.0	85.4	97.1	110.7	125.0	131.3	121.7	104.8	91.3	83.0
75°	56.6	59.9	65.0	73.0	83.8	95.2	98.6	90.2	79.5	69.4	63.8
77.5°	40.5	43.3	47.1	52.2	59.9	67.1	70.1	65.3	57.0	50.5	46.0
80°	31.1	32.6	35.9	40.1	46.1	50.7	52.7	49.6	43.7	39.0	35.5
82.5°	22.2	23.7	25.6	29.1	33.0	36.0	38.2	36.1	31.9	28.1	26.1
85°	10.8	11.7	12.8	14.3	17.2	19.0	18.9	17.6	15.9	14.5	13.4
87.5°	4.4	4.9	5.7	6.8	7.6	8.5	9.1	9.1	8.9	8.6	8.4
90°	2.9	4.7	6.5	8.3	10.1	11.6	13.2	14.8	16.5	17.6	18.7
92.5°	26.1	27.4	28.7	29.9	31.6	33.6	35.6	37.5	39.5	41.0	42.5
95°	67.3	67.7	68.1	68.6	70.0	72.2	74.5	76.8	79.1	80.7	82.3
97.5°	111.1	111.4	111.5	111.7	113.4	116.5	119.7	122.9	126.0	127.5	129.0
100°	143.9	143.9	143.9	143.9	145.4	148.3	151.3	154.2	157.2	159.3	161.4
102.5°	180.1	181.0	182.0	182.8	184.1	185.6	187.1	188.6	190.1	192.3	194.6
105°	235.4	236.5	237.7	238.8	240.1	241.5	242.9	244.2	245.6	247.0	248.3
107.5°	296.3	297.4	298.6	299.7	300.8	301.8	302.9	304.0	305.0	305.7	306.3
110°	338.2	339.4	340.5	341.6	342.5	343.3	343.9	344.6	345.2	345.9	346.7





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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	380.4	381.0	381.6	382.1	382.9	383.7	384.6	385.5	386.3	386.7	387.0
115°	443.8	444.7	445.6	446.6	447.3	447.7	448.1	448.6	449.1	448.9	448.6
117.5°	506.6	507.0	507.4	507.9	508.3	508.7	509.1	509.5	509.9	510.1	510.2
120°	546.8	548.0	549.1	550.2	550.9	551.1	551.4	551.6	551.8	551.8	551.8
122.5°	588.8	589.2	589.6	590.0	590.6	591.1	591.8	592.3	592.9	592.7	592.6
125°	647.7	649.1	650.5	651.8	652.6	652.8	653.1	653.3	653.6	653.1	652.6
127.5°	708.8	709.6	710.3	711.1	711.6	711.9	712.2	712.5	712.7	712.5	712.3
130°	746.2	747.3	748.5	749.6	750.4	750.8	751.3	751.7	752.2	751.9	751.7
132.5°	783.9	785.8	787.6	789.5	790.4	790.3	790.2	790.1	790.0	789.8	789.6
135°	841.9	843.3	844.7	846.1	846.8	847.1	847.3	847.6	847.8	847.8	847.8
137.5°	897.0	898.3	899.6	900.9	901.8	902.4	902.9	903.4	903.9	904.1	904.4
140°	932.2	933.3	934.5	935.6	936.4	937.2	937.9	938.5	939.2	939.7	940.2
142.5°	967.3	968.3	969.2	970.2	971.1	971.9	972.8	973.7	974.5	974.9	975.1
145°	1019.2	1020.2	1021.0	1022.0	1022.8	1023.5	1024.1	1024.8	1025.6	1025.6	1025.6
147.5°	1066.9	1067.5	1067.9	1068.4	1069.0	1069.5	1070.1	1070.6	1071.2	1071.7	1072.2
150°	1098.3	1098.0	1097.8	1097.6	1097.9	1098.8	1099.8	1100.7	1101.6	1101.6	1101.6
152.5°	1125.1	1125.5	1125.8	1126.1	1126.4	1126.8	1127.1	1127.5	1127.9	1128.5	1128.9
155°	1165.3	1165.3	1165.3	1165.3	1165.4	1165.6	1165.9	1166.1	1166.3	1167.2	1168.2
157.5°	1200.9	1200.5	1199.9	1199.4	1199.3	1199.5	1199.8	1200.0	1200.2	1201.1	1202.1
160°	1222.2	1221.5	1220.8	1220.1	1219.9	1220.1	1220.4	1220.5	1220.8	1221.7	1222.6
162.5°	1241.3	1240.7	1240.2	1239.8	1239.5	1239.5	1239.6	1239.6	1239.7	1240.8	1241.9
165°	1266.5	1266.1	1265.7	1265.2	1265.1	1265.3	1265.5	1265.7	1266.0	1266.9	1267.8
167.5°	1287.5	1286.6	1285.6	1284.8	1284.3	1284.3	1284.3	1284.3	1284.3	1285.6	1287.1
170°	1299.0	1298.1	1297.2	1296.2	1295.8	1295.8	1295.8	1295.8	1295.8	1297.2	1298.5
172.5°	1307.2	1306.3	1305.4	1304.5	1304.0	1304.0	1304.0	1304.0	1304.0	1305.4	1306.8
175°	1316.4	1315.6	1314.6	1313.8	1313.3	1313.3	1313.3	1313.3	1313.3	1314.6	1316.0
177.5°	1321.4	1320.6	1319.9	1319.1	1318.7	1318.5	1318.3	1318.2	1318.0	1319.1	1320.2
180°	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	431.3	431.3	431.3	431.3	431.3	431.3	431.3
2.5°	451.1	452.2	454.7	453.8	455.0	455.6	456.1
5°	487.4	493.3	495.9	495.5	499.4	498.4	497.5
7.5°	528.6	534.7	538.2	542.5	544.9	545.2	547.3
10°	551.9	559.9	563.2	567.8	570.8	572.4	572.2
12.5°	569.7	576.1	583.4	585.7	589.6	591.8	591.0
15°	591.3	601.3	609.0	612.8	617.8	619.2	621.2
17.5°	610.5	623.9	632.9	644.8	649.4	652.1	650.5
20°	625.0	642.7	651.6	665.9	673.8	678.0	676.5
22.5°	642.1	661.3	677.9	690.2	702.2	707.9	709.1
25°	671.5	697.8	722.2	738.4	753.2	756.7	764.4
27.5°	704.3	735.3	761.4	778.5	788.8	792.7	795.1
30°	724.8	755.8	775.4	786.4	789.6	789.3	788.9
32.5°	735.0	754.3	758.1	755.0	747.5	741.1	734.4
35°	720.6	706.2	684.6	656.8	636.3	615.6	613.5
37.5°	648.2	601.9	565.9	525.8	502.6	488.3	478.4
40°	579.9	527.4	483.8	450.0	426.4	417.0	407.8
42.5°	505.8	455.6	417.0	388.7	371.0	360.6	353.4
45°	410.9	366.6	336.4	315.9	301.8	293.8	289.2
47.5°	336.8	304.0	278.3	263.5	253.8	247.6	247.6
50°	296.9	265.6	248.6	236.9	228.5	223.5	224.4
52.5°	261.6	238.2	223.7	213.9	207.6	204.6	204.5
55°	218.7	201.9	192.4	185.2	181.0	177.5	178.3
57.5°	187.1	172.9	166.5	160.6	157.6	156.3	154.2
60°	167.5	156.5	151.0	146.2	143.3	142.2	140.2
62.5°	150.0	141.4	136.1	132.2	129.6	129.2	127.6
65°	126.1	119.5	114.8	113.0	110.2	109.5	109.5
67.5°	103.9	99.3	95.5	93.9	92.7	92.8	92.0
70°	90.1	86.2	83.8	82.0	81.1	81.3	80.6
72.5°	78.8	74.5	72.4	71.3	70.1	70.6	70.3
75°	59.7	57.5	56.4	55.3	54.6	54.2	53.8
77.5°	43.8	41.9	41.0	40.4	40.6	39.6	40.3
80°	33.8	32.2	31.7	30.7	30.6	30.6	30.4
82.5°	24.8	23.8	23.4	22.7	22.3	22.7	22.2
85°	12.8	12.1	11.9	11.9	11.6	11.2	12.1
87.5°	8.6	8.3	8.5	8.5	8.6	8.6	8.5
90°	19.9	21.0	21.9	22.6	23.3	24.0	24.6
92.5°	44.0	45.5	46.5	47.0	47.5	48.0	48.5
95°	83.9	85.6	86.5	87.0	87.5	87.9	88.4
97.5°	130.5	132.0	132.9	133.2	133.5	133.7	134.0
100°	163.3	165.4	166.7	167.2	167.6	168.1	168.5
102.5°	196.8	199.1	200.5	201.1	201.8	202.4	203.0
105°	249.7	251.0	252.1	252.8	253.5	254.1	254.8
107.5°	307.0	307.8	308.1	308.0	307.9	307.9	307.8
110°	347.3	348.0	348.2	348.0	347.8	347.5	347.3



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	387.3	387.6	387.6	387.2	386.8	386.3	386.0
115°	448.4	448.1	447.9	447.7	447.4	447.3	447.0
117.5°	510.4	510.6	510.2	509.4	508.4	507.6	506.6
120°	551.8	551.8	551.4	550.4	549.5	548.6	547.7
122.5°	592.4	592.2	591.8	591.0	590.3	589.5	588.8
125°	652.2	651.7	651.4	651.2	650.9	650.7	650.5
127.5°	712.0	711.9	711.5	711.1	710.6	710.1	709.6
130°	751.5	751.3	750.9	750.5	750.0	749.6	749.1
132.5°	789.3	789.1	788.7	788.1	787.3	786.7	786.1
135°	847.8	847.8	847.3	846.4	845.5	844.5	843.7
137.5°	904.7	905.0	904.5	903.4	902.2	901.1	900.0
140°	940.6	941.0	940.7	939.5	938.4	937.3	936.1
142.5°	975.4	975.7	975.3	974.1	973.0	971.8	970.7
145°	1025.6	1025.6	1025.2	1024.5	1023.8	1023.1	1022.5
147.5°	1072.8	1073.3	1072.9	1071.3	1069.8	1068.2	1066.7
150°	1101.6	1101.6	1101.4	1100.9	1100.4	1099.9	1099.5
152.5°	1129.5	1130.0	1130.0	1129.1	1128.3	1127.4	1126.6
155°	1169.0	1170.0	1169.8	1168.7	1167.6	1166.4	1165.3
157.5°	1202.9	1203.9	1203.6	1202.1	1200.6	1199.0	1197.5
160°	1223.5	1224.4	1224.3	1223.2	1222.0	1220.9	1219.7
162.5°	1242.9	1244.0	1244.0	1242.6	1241.3	1240.0	1238.7
165°	1268.8	1269.6	1269.4	1268.0	1266.7	1265.3	1263.9
167.5°	1288.4	1289.8	1289.8	1288.3	1286.9	1285.5	1284.0
170°	1299.9	1301.2	1301.2	1299.6	1298.0	1296.3	1294.7
172.5°	1308.1	1309.5	1309.5	1308.1	1306.6	1305.2	1303.8
175°	1317.4	1318.7	1318.6	1317.0	1315.4	1313.8	1312.2
177.5°	1321.3	1322.4	1322.3	1321.0	1319.7	1318.4	1317.2
180°	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5

(END OF REPORT)