

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: P333359-930

Luminaire Tested: **S125DIW-S375D1340U930-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333359-930  
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-S375D1340U930-4F0-1E-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**

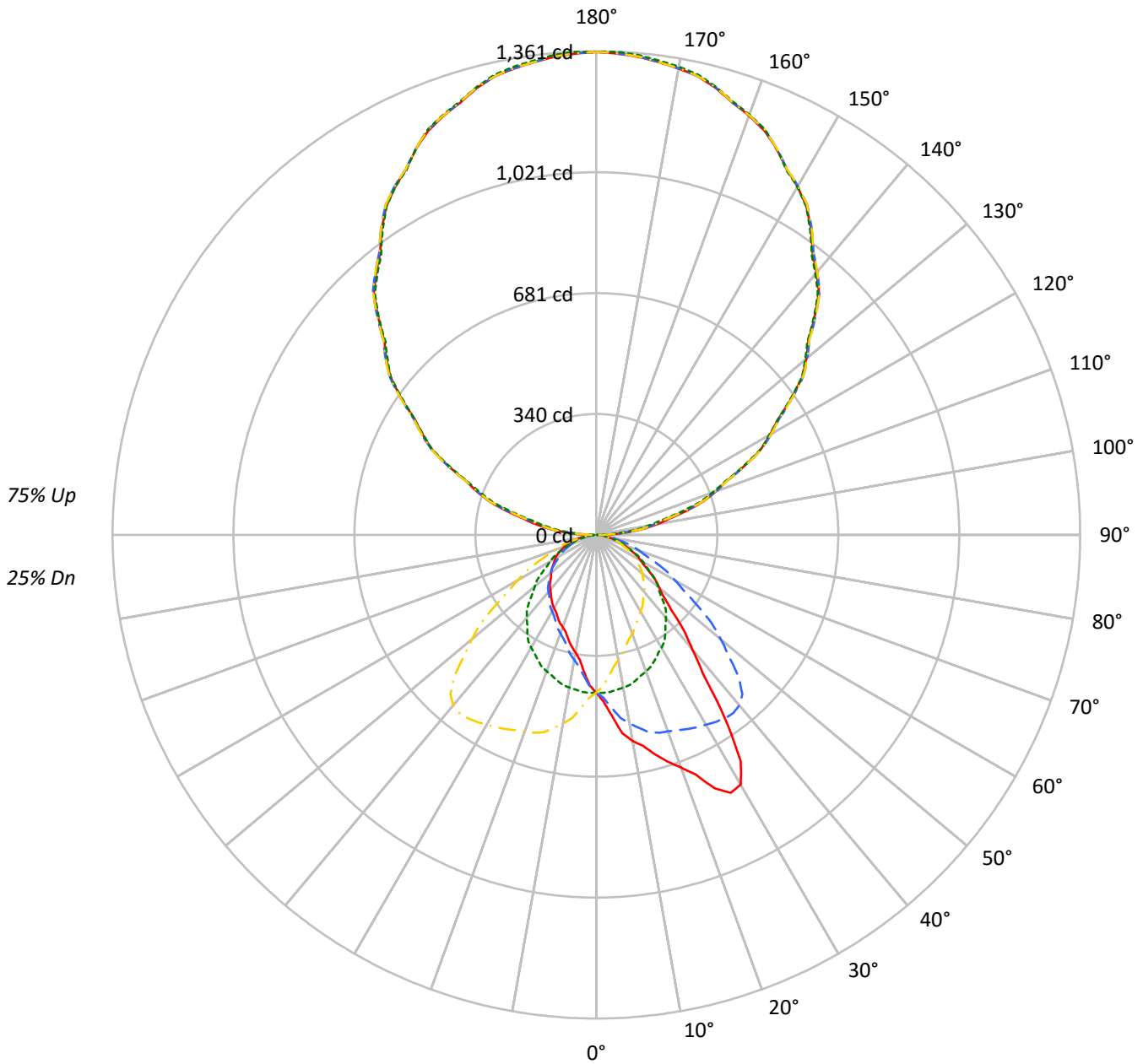
Lumens per Lamp: N/A  
Luminaire Lumens: 5047.6 lumens  
Efficiency: N/A  
Efficacy: 108.3 lumens/watt  
Spacing Criteria (0/90/45): 1.43 / 1.23 / 1.52  
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')  
CIE Type: Semi-Indirect  
  
Input Watts (W): 46.6  
Input Voltage (V): 120  
Input Current (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



— 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	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°	2866	2866	2866	2866
5°	3319	2877	2519	2877
10°	3862	2861	2207	2861
15°	4275	2841	2035	2841
20°	4786	2808	1898	2808
25°	5606	2770	1831	2770
30°	6055	2732	1773	2732
35°	4978	2663	1735	2663
40°	3538	2566	1693	2566
45°	2719	2437	1669	2437
50°	2321	2275	1666	2275
55°	2066	2117	1680	2117
60°	1864	1944	1723	1944
65°	1722	1771	1768	1771
70°	1565	1590	1794	1590
75°	1382	1402	1777	1402
80°	1164	1142	1625	1142
85°	926	823	1312	823



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	42.7	0.8
10°-20°	127.2	2.5
20°-30°	206.6	4.1
30°-40°	252.0	5.0
40°-50°	229.2	4.5
50°-60°	182.6	3.6
60°-70°	127.2	2.5
70°-80°	67.8	1.3
80°-90°	20.1	0.4
90°-100°	91.0	1.8
100°-110°	268.8	5.3
110°-120°	455.3	9.0
120°-130°	599.1	11.9
130°-140°	671.4	13.3
140°-150°	658.0	13.0
150°-160°	552.7	10.9
160°-170°	367.4	7.3
170°-180°	128.6	2.5
0°-30°	376.5	7.5
0°-40°	628.5	12.5
0°-60°	1040.3	20.6
0°-90°	1255.4	24.9
90°-120°	815.1	16.1
90°-150°	2743.6	54.4
90°-180°	3792.0	75.1
0°-180°	5047.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	444	444	444	444	444	
5°	512	444	388	444	512	52
15°	639	425	304	425	639	183
25°	787	389	257	389	787	359
35°	631	338	220	338	631	386
45°	298	267	183	267	298	238
55°	184	188	149	188	184	165
65°	113	116	116	116	113	112
75°	55	56	71	56	55	60
85°	12	11	18	11	12	15
90°	25	1	25	1	25	15
95°	91	69	91	69	91	93
105°	262	241	262	241	262	278
115°	460	456	460	456	460	455
125°	669	665	669	665	669	598
135°	868	865	868	865	868	670
145°	1052	1048	1052	1048	1052	657
155°	1199	1199	1199	1199	1199	552
165°	1301	1304	1301	1304	1301	367
175°	1350	1356	1350	1356	1350	128
180°	1359	1359	1359	1359	1359	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8
2.5°	469.4	468.9	468.2	467.1	468.0	465.4	464.2	462.1	459.5	458.6	457.5
5°	512.0	513.0	514.0	510.0	510.4	507.7	501.7	496.8	492.8	487.7	484.1
7.5°	563.3	561.1	560.8	558.3	553.9	550.3	544.0	536.0	528.2	519.3	511.9
10°	588.9	589.1	587.4	584.4	579.7	576.3	568.0	560.1	550.5	539.2	531.1
12.5°	608.2	609.0	606.8	602.8	600.5	592.9	586.4	577.0	565.6	556.5	544.2
15°	639.4	637.3	635.9	630.7	626.8	618.9	608.5	598.7	586.3	574.8	563.3
17.5°	669.4	671.2	668.3	663.7	651.3	642.1	628.3	614.8	599.3	583.9	570.2
20°	696.3	697.8	693.5	685.3	670.7	661.5	643.2	625.8	608.0	588.2	573.1
22.5°	729.8	728.6	722.7	710.4	697.7	680.6	660.8	639.7	617.3	594.9	574.9
25°	786.7	778.8	775.2	759.9	743.2	718.1	691.0	660.1	632.3	602.7	577.1
27.5°	818.3	815.8	811.8	801.2	783.6	756.8	724.8	687.1	647.8	610.5	576.9
30°	812.0	812.4	812.7	809.3	798.0	777.9	746.0	705.6	658.8	616.8	578.0
32.5°	755.9	762.7	769.3	777.1	780.2	776.3	756.4	719.8	671.7	624.0	577.4
35°	631.4	633.6	654.8	676.0	704.6	726.8	741.7	725.5	685.0	630.1	576.7
37.5°	492.4	502.6	517.3	541.1	582.4	619.5	667.1	688.9	675.9	632.2	575.4
40°	419.7	429.2	438.8	463.1	497.9	542.7	596.8	642.9	653.7	625.8	570.8
42.5°	363.7	371.1	381.8	400.1	429.2	468.9	520.6	580.9	618.0	607.5	561.3
45°	297.7	302.4	310.6	325.1	346.3	377.3	422.9	488.9	546.3	565.3	538.8
47.5°	254.8	254.8	261.2	271.2	286.4	312.8	346.6	398.2	459.6	505.0	502.9
50°	231.0	230.0	235.1	243.8	255.8	273.4	305.6	346.8	405.8	457.2	471.6
52.5°	210.4	210.6	213.7	220.1	230.2	245.2	269.2	306.5	356.8	409.6	436.6
55°	183.5	182.7	186.3	190.6	198.0	207.8	225.1	253.6	294.5	346.4	381.5
57.5°	158.7	160.9	162.2	165.3	171.4	178.0	192.6	213.4	245.9	290.5	327.5
60°	144.3	146.3	147.5	150.5	155.4	161.1	172.4	189.3	216.6	255.1	291.8
62.5°	131.3	133.0	133.4	136.1	140.1	145.5	154.4	168.7	190.3	223.9	259.8
65°	112.7	112.7	113.4	116.3	118.1	123.0	129.8	140.1	157.5	183.7	214.4
67.5°	94.7	95.6	95.4	96.6	98.3	102.2	107.0	115.5	128.4	147.5	172.1
70°	82.9	83.6	83.5	84.4	86.3	88.7	92.7	100.8	110.0	126.4	147.5
72.5°	72.3	72.6	72.2	73.4	74.5	76.6	81.1	85.4	94.0	107.9	125.2
75°	55.4	55.8	56.2	56.9	58.0	59.2	61.4	65.7	71.4	81.8	92.9
77.5°	41.5	40.8	41.7	41.6	42.2	43.1	45.1	47.4	52.0	58.6	67.2
80°	31.3	31.5	31.5	31.6	32.6	33.2	34.8	36.5	40.1	45.0	51.0
82.5°	22.8	23.3	23.0	23.4	24.1	24.5	25.5	26.9	28.9	32.9	37.2
85°	12.5	11.5	11.9	12.2	12.2	12.5	13.2	13.8	14.9	16.4	18.1
87.5°	8.7	8.9	8.9	8.7	8.7	8.6	8.9	8.6	8.9	9.1	9.4
90°	25.4	24.7	24.0	23.2	22.6	21.6	20.5	19.2	18.1	17.0	15.2
92.5°	49.9	49.4	48.9	48.3	47.9	46.8	45.2	43.7	42.2	40.6	38.6
95°	91.0	90.5	90.0	89.5	89.0	88.1	86.3	84.7	83.1	81.4	79.1
97.5°	137.9	137.6	137.4	137.1	136.8	135.8	134.3	132.7	131.2	129.6	126.5
100°	173.4	173.0	172.5	172.0	171.5	170.2	168.1	166.1	164.0	161.8	158.7
102.5°	209.0	208.3	207.7	207.0	206.4	204.9	202.5	200.2	198.0	195.7	194.1
105°	262.3	261.5	260.9	260.2	259.4	258.4	257.0	255.6	254.2	252.7	251.4
107.5°	316.8	316.9	316.9	317.0	317.1	316.7	316.0	315.3	314.6	313.9	312.8
110°	357.4	357.7	357.9	358.2	358.4	358.2	357.4	356.8	356.0	355.3	354.7



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	397.2	397.6	398.1	398.5	398.9	398.9	398.6	398.3	397.9	397.6	396.7
115°	460.1	460.3	460.5	460.7	461.0	461.2	461.5	461.7	461.9	462.2	461.7
117.5°	521.4	522.4	523.3	524.2	525.1	525.5	525.3	525.1	525.0	524.8	524.3
120°	563.7	564.6	565.6	566.5	567.4	567.9	567.9	567.9	567.9	567.9	567.7
122.5°	606.0	606.7	607.5	608.2	609.0	609.4	609.7	609.8	610.0	610.3	609.6
125°	669.4	669.7	669.9	670.2	670.4	670.7	671.2	671.6	672.1	672.6	672.4
127.5°	730.3	730.8	731.3	731.8	732.2	732.6	732.8	733.0	733.3	733.5	733.3
130°	770.9	771.4	771.9	772.4	772.8	773.2	773.5	773.6	773.9	774.1	773.6
132.5°	809.0	809.7	810.3	811.1	811.7	812.1	812.4	812.6	812.9	813.1	813.2
135°	868.3	869.2	870.2	871.1	872.0	872.5	872.5	872.5	872.5	872.5	872.3
137.5°	926.3	927.4	928.5	929.8	930.9	931.4	931.1	930.8	930.5	930.3	929.8
140°	963.4	964.7	965.8	966.9	968.2	968.5	968.0	967.6	967.1	966.6	965.9
142.5°	999.0	1000.1	1001.4	1002.5	1003.7	1004.1	1003.9	1003.6	1003.3	1003.0	1002.1
145°	1052.3	1053.0	1053.7	1054.4	1055.1	1055.5	1055.5	1055.5	1055.5	1055.5	1054.8
147.5°	1097.8	1099.3	1101.0	1102.5	1104.2	1104.6	1104.1	1103.5	1103.0	1102.4	1101.9
150°	1131.6	1132.0	1132.5	1133.0	1133.5	1133.8	1133.8	1133.8	1133.8	1133.8	1132.8
152.5°	1159.5	1160.3	1161.2	1162.0	1162.9	1163.0	1162.5	1161.9	1161.4	1160.8	1160.4
155°	1199.3	1200.4	1201.7	1202.8	1204.0	1204.1	1203.1	1202.2	1201.3	1200.4	1200.1
157.5°	1232.5	1234.0	1235.6	1237.1	1238.7	1239.0	1238.0	1237.1	1236.2	1235.3	1235.0
160°	1255.3	1256.5	1257.7	1258.9	1260.0	1260.1	1259.2	1258.3	1257.4	1256.4	1256.1
162.5°	1274.8	1276.2	1277.5	1278.9	1280.3	1280.3	1279.2	1278.1	1277.0	1275.9	1275.8
165°	1300.8	1302.2	1303.7	1305.0	1306.4	1306.7	1305.8	1304.8	1303.9	1302.9	1302.7
167.5°	1321.5	1323.0	1324.5	1325.9	1327.4	1327.4	1326.0	1324.6	1323.1	1321.8	1321.8
170°	1332.5	1334.2	1335.9	1337.5	1339.1	1339.2	1337.8	1336.4	1335.1	1333.6	1333.6
172.5°	1341.8	1343.3	1344.8	1346.2	1347.7	1347.7	1346.3	1344.9	1343.5	1342.1	1342.1
175°	1350.5	1352.2	1353.8	1355.4	1357.1	1357.2	1355.8	1354.4	1353.0	1351.6	1351.6
177.5°	1355.6	1356.9	1358.2	1359.5	1360.9	1361.0	1359.8	1358.7	1357.6	1356.4	1356.7
180°	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8
2.5°	456.6	455.6	454.4	452.2	449.7	448.3	446.3	444.9	442.2	439.9	437.5
5°	479.8	474.9	470.4	464.6	458.2	454.0	449.1	443.7	438.0	432.2	425.7
7.5°	503.9	495.1	485.8	475.6	465.7	456.6	447.8	439.4	431.4	421.7	413.5
10°	519.9	509.0	497.3	483.6	470.2	458.5	446.7	436.3	425.7	414.5	404.5
12.5°	536.1	521.5	505.0	489.9	473.9	459.7	445.8	432.5	419.3	406.8	395.1
15°	547.5	534.7	519.4	497.9	479.8	460.4	442.0	424.9	408.8	394.8	380.2
17.5°	555.0	538.4	522.0	501.5	477.8	456.1	435.1	415.5	397.5	379.8	365.7
20°	556.3	539.3	522.2	502.1	477.8	452.9	431.9	408.5	389.1	370.7	353.4
22.5°	555.9	536.6	518.0	497.3	473.5	450.6	425.3	401.4	380.3	362.3	344.2
25°	551.6	531.1	507.7	486.8	463.4	439.1	413.5	388.7	367.2	346.7	328.7
27.5°	548.0	521.5	495.0	470.6	448.0	425.7	401.2	375.8	352.0	331.2	314.3
30°	543.7	514.5	484.7	459.3	436.1	414.5	391.3	366.4	341.5	321.2	303.1
32.5°	539.8	505.7	474.3	446.6	422.1	401.0	379.7	356.0	331.6	311.0	292.9
35°	532.2	492.8	456.8	425.6	399.4	377.7	359.8	337.8	315.4	295.4	278.1
37.5°	522.6	475.9	437.2	404.5	375.8	352.9	336.3	319.4	297.8	278.6	262.9
40°	515.0	463.8	422.9	389.4	359.6	335.9	320.4	304.4	286.6	268.6	252.1
42.5°	505.6	453.0	408.5	372.3	342.9	319.8	303.5	290.0	274.2	257.5	242.1
45°	488.1	433.3	385.1	346.3	316.5	293.7	277.0	266.8	254.9	239.0	226.1
47.5°	462.4	409.7	359.8	319.8	289.0	267.9	252.2	242.4	234.1	222.3	210.5
50°	439.7	392.1	341.5	301.8	271.1	249.8	235.3	226.4	219.3	210.3	200.2
52.5°	414.3	369.9	323.6	284.3	253.9	232.9	218.7	210.9	205.0	198.5	188.7
55°	373.7	336.1	293.1	255.8	227.8	207.2	194.8	188.0	183.1	178.2	172.2
57.5°	329.2	299.7	261.7	227.6	201.7	183.0	171.5	164.9	161.0	158.5	155.0
60°	297.8	272.6	239.9	208.7	183.5	166.9	155.6	150.5	147.3	145.3	142.6
62.5°	268.7	248.0	217.7	189.3	167.2	151.6	141.5	136.5	133.5	132.4	130.3
65°	225.9	209.9	184.8	161.3	142.4	129.1	120.6	115.9	114.0	112.8	113.0
67.5°	183.6	173.9	153.8	133.7	118.6	107.5	100.6	97.0	96.0	94.6	94.6
70°	157.8	150.5	133.5	116.0	102.6	94.0	88.0	84.2	83.2	82.5	82.3
72.5°	135.1	128.7	114.0	100.0	87.9	80.3	75.3	73.1	71.5	71.1	71.0
75°	101.5	98.0	86.3	75.2	66.9	61.6	58.2	56.2	55.0	54.8	55.0
77.5°	72.2	69.1	61.6	53.7	48.5	44.5	41.7	40.9	39.7	39.7	39.5
80°	54.2	52.2	47.5	41.3	36.9	33.5	32.0	30.7	30.3	29.8	30.3
82.5°	39.3	37.1	33.9	29.9	26.3	24.4	22.8	22.4	22.2	21.9	22.0
85°	19.4	19.6	17.7	14.7	13.2	12.1	11.1	11.1	10.9	10.8	10.9
87.5°	9.4	8.7	7.8	7.0	5.9	5.1	4.5	4.3	4.2	4.4	5.0
90°	13.6	12.0	10.4	8.6	6.7	4.8	2.9	1.1	2.9	4.8	6.7
92.5°	36.6	34.6	32.5	30.8	29.5	28.2	26.9	25.6	26.9	28.2	29.5
95°	76.7	74.4	72.1	70.6	70.1	69.7	69.2	68.7	69.2	69.7	70.1
97.5°	123.2	119.9	116.7	115.0	114.8	114.6	114.4	114.2	114.4	114.6	114.8
100°	155.7	152.6	149.6	148.1	148.1	148.1	148.1	148.1	148.1	148.1	148.1
102.5°	192.6	191.0	189.5	188.2	187.3	186.3	185.4	184.4	185.4	186.3	187.3
105°	250.0	248.5	247.1	245.8	244.7	243.4	242.3	241.2	242.3	243.4	244.7
107.5°	311.7	310.6	309.6	308.4	307.3	306.1	304.9	303.7	304.9	306.1	307.3
110°	353.9	353.3	352.5	351.6	350.4	349.3	348.1	346.9	348.1	349.3	350.4





TEST NUMBER: P333359-930

CATALOG NUMBER: S125DIW-S375D1340U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	395.8	394.9	394.1	393.3	392.7	392.1	391.5	390.9	391.5	392.1	392.7
115°	461.2	460.7	460.3	459.6	458.6	457.7	456.7	455.8	456.7	457.7	458.6
117.5°	523.9	523.5	523.1	522.7	522.2	521.8	521.4	521.0	521.4	521.8	522.2
120°	567.4	567.2	567.0	566.3	565.1	563.9	562.7	561.6	562.7	563.9	565.1
122.5°	609.0	608.4	607.8	607.2	606.8	606.4	606.0	605.6	606.0	606.4	606.8
125°	672.1	671.9	671.6	670.8	669.4	668.1	666.6	665.2	666.6	668.1	669.4
127.5°	733.0	732.7	732.4	731.9	731.1	730.3	729.4	728.6	729.4	730.3	731.1
130°	773.2	772.7	772.3	771.4	770.3	769.1	767.9	766.7	767.9	769.1	770.3
132.5°	813.3	813.3	813.4	812.5	810.6	808.7	806.7	804.8	806.7	808.7	810.6
135°	872.0	871.8	871.6	870.7	869.4	867.9	866.5	865.1	866.5	867.9	869.4
137.5°	929.2	928.7	928.1	927.2	925.9	924.5	923.2	921.8	923.2	924.5	925.9
140°	965.2	964.5	963.8	962.9	961.7	960.5	959.4	958.1	959.4	960.5	961.7
142.5°	1001.2	1000.3	999.4	998.5	997.5	996.5	995.6	994.6	995.6	996.5	997.5
145°	1054.0	1053.4	1052.6	1051.8	1050.8	1049.9	1049.0	1048.1	1049.0	1049.9	1050.8
147.5°	1101.3	1100.7	1100.2	1099.6	1099.1	1098.6	1098.0	1097.6	1098.0	1098.6	1099.1
150°	1131.9	1130.9	1129.9	1129.6	1129.8	1130.1	1130.3	1130.6	1130.3	1130.1	1129.8
152.5°	1160.0	1159.7	1159.3	1158.9	1158.6	1158.3	1158.0	1157.6	1158.0	1158.3	1158.6
155°	1199.9	1199.6	1199.4	1199.3	1199.3	1199.3	1199.3	1199.3	1199.3	1199.3	1199.3
157.5°	1234.8	1234.5	1234.3	1234.4	1234.9	1235.5	1236.0	1236.5	1236.0	1235.5	1234.9
160°	1256.0	1255.7	1255.5	1255.7	1256.4	1257.1	1257.8	1258.5	1257.8	1257.1	1256.4
162.5°	1275.8	1275.7	1275.7	1275.9	1276.4	1276.9	1277.5	1278.0	1277.5	1276.9	1276.4
165°	1302.4	1302.2	1302.0	1302.1	1302.6	1303.0	1303.5	1304.0	1303.5	1303.0	1302.6
167.5°	1321.8	1321.8	1321.8	1322.3	1323.1	1324.1	1325.0	1326.0	1325.0	1324.1	1323.1
170°	1333.6	1333.6	1333.6	1334.1	1335.1	1335.9	1336.9	1337.8	1336.9	1335.9	1335.1
172.5°	1342.1	1342.1	1342.1	1342.6	1343.5	1344.4	1345.3	1346.3	1345.3	1344.4	1343.5
175°	1351.6	1351.6	1351.6	1352.1	1353.0	1354.0	1354.9	1355.8	1354.9	1354.0	1353.0
177.5°	1356.8	1357.0	1357.2	1357.6	1358.5	1359.2	1359.9	1360.7	1359.9	1359.2	1358.5
180°	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0



TEST NUMBER: P333359-930

CATALOG NUMBER: S125DIW-S375D1340U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8
2.5°	436.2	434.5	433.2	430.2	428.4	426.2	424.4	426.4	424.3	425.2	423.8
5°	422.6	417.3	413.5	408.1	403.3	399.0	395.8	395.3	393.7	393.0	390.7
7.5°	406.2	399.6	393.1	386.0	379.9	373.8	369.9	366.6	364.5	361.7	359.7
10°	396.6	387.7	380.2	371.5	363.9	357.3	352.1	349.4	347.0	343.4	342.1
12.5°	384.7	375.5	366.3	357.0	349.8	342.4	337.9	333.9	332.2	328.2	327.8
15°	370.4	356.6	347.6	338.2	328.2	322.1	318.4	314.1	312.2	309.3	307.3
17.5°	353.4	341.0	329.8	320.0	311.4	306.4	301.7	298.7	295.5	293.6	290.2
20°	341.0	329.3	318.0	307.6	301.0	295.2	291.5	288.6	285.2	284.3	280.9
22.5°	330.6	317.7	306.9	298.2	291.0	284.4	280.3	278.3	276.1	273.1	272.5
25°	313.6	300.3	291.1	282.4	276.0	269.9	267.2	264.7	262.4	260.3	259.6
27.5°	299.1	287.1	276.1	268.3	262.7	257.2	254.8	251.8	250.1	248.4	246.4
30°	288.8	276.5	266.9	259.4	253.4	248.5	245.8	243.8	242.3	240.8	239.6
32.5°	278.3	266.9	257.6	250.2	244.2	240.5	238.1	236.7	235.1	233.3	231.8
35°	264.3	251.8	242.8	236.4	231.7	228.9	226.2	224.9	223.1	223.1	221.5
37.5°	248.6	237.8	229.8	224.0	219.8	217.3	214.4	213.5	212.3	211.5	211.0
40°	239.3	229.3	221.8	215.9	211.4	209.3	207.0	205.5	204.8	203.8	203.5
42.5°	229.6	220.0	212.9	207.5	203.5	201.8	199.7	198.6	197.1	195.8	195.6
45°	214.9	205.7	199.1	194.8	191.4	189.3	188.0	185.7	185.0	183.5	183.3
47.5°	201.1	192.2	185.7	182.1	179.2	177.5	175.5	173.2	172.3	171.5	171.5
50°	190.6	182.5	176.5	173.2	170.3	167.9	165.8	164.3	163.7	163.7	164.1
52.5°	180.1	173.2	168.1	164.0	161.3	158.7	156.7	155.8	155.0	155.9	156.5
55°	164.7	157.7	153.9	149.9	147.3	144.3	143.3	143.0	142.4	143.9	144.7
57.5°	148.3	143.4	139.0	135.1	132.7	130.9	129.7	129.5	130.5	131.3	133.7
60°	137.9	132.2	128.3	125.3	122.5	121.3	120.9	120.6	121.3	123.4	126.6
62.5°	126.5	121.9	117.6	115.4	113.2	111.4	111.3	111.5	113.0	115.4	118.6
65°	109.7	105.7	102.9	100.2	98.5	97.4	97.8	98.5	100.2	103.5	107.0
67.5°	92.5	89.8	87.3	85.2	83.6	83.6	84.0	85.1	87.1	90.7	94.0
70°	81.6	78.6	76.5	75.6	74.2	73.5	74.6	76.5	78.2	81.6	84.4
72.5°	70.6	68.0	66.4	65.7	65.1	64.6	65.0	67.0	69.3	72.6	76.0
75°	54.2	53.3	52.2	51.4	50.9	51.3	51.6	53.5	55.4	58.9	62.7
77.5°	39.6	38.6	37.9	37.7	37.4	37.7	38.7	40.1	41.9	44.5	47.4
80°	29.9	29.6	29.2	29.0	29.0	29.2	30.7	31.6	33.3	35.8	38.1
82.5°	21.9	21.6	21.5	21.4	21.6	21.7	22.6	23.8	25.2	27.1	29.0
85°	11.5	11.1	11.7	11.9	11.5	12.1	12.5	13.2	13.8	14.7	15.7
87.5°	5.5	6.1	6.3	6.8	7.1	7.7	7.8	8.6	9.2	9.8	9.8
90°	8.6	10.4	12.0	13.6	15.2	17.0	18.1	19.2	20.5	21.6	22.6
92.5°	30.8	32.5	34.6	36.6	38.6	40.6	42.2	43.7	45.2	46.8	47.9
95°	70.6	72.1	74.4	76.7	79.1	81.4	83.1	84.7	86.3	88.1	89.0
97.5°	115.0	116.7	119.9	123.2	126.5	129.6	131.2	132.7	134.3	135.8	136.8
100°	148.1	149.6	152.6	155.7	158.7	161.8	164.0	166.1	168.1	170.2	171.5
102.5°	188.2	189.5	191.0	192.6	194.1	195.7	198.0	200.2	202.5	204.9	206.4
105°	245.8	247.1	248.5	250.0	251.4	252.7	254.2	255.6	257.0	258.4	259.4
107.5°	308.4	309.6	310.6	311.7	312.8	313.9	314.6	315.3	316.0	316.7	317.1
110°	351.6	352.5	353.3	353.9	354.7	355.3	356.0	356.8	357.4	358.2	358.4



TEST NUMBER: P333359-930

CATALOG NUMBER: S125DIW-S375D1340U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	393.3	394.1	394.9	395.8	396.7	397.6	397.9	398.3	398.6	398.9	398.9
115°	459.6	460.3	460.7	461.2	461.7	462.2	461.9	461.7	461.5	461.2	461.0
117.5°	522.7	523.1	523.5	523.9	524.3	524.8	525.0	525.1	525.3	525.5	525.1
120°	566.3	567.0	567.2	567.4	567.7	567.9	567.9	567.9	567.9	567.9	567.4
122.5°	607.2	607.8	608.4	609.0	609.6	610.3	610.0	609.8	609.7	609.4	609.0
125°	670.8	671.6	671.9	672.1	672.4	672.6	672.1	671.6	671.2	670.7	670.4
127.5°	731.9	732.4	732.7	733.0	733.3	733.5	733.3	733.0	732.8	732.6	732.2
130°	771.4	772.3	772.7	773.2	773.6	774.1	773.9	773.6	773.5	773.2	772.8
132.5°	812.5	813.4	813.3	813.3	813.2	813.1	812.9	812.6	812.4	812.1	811.7
135°	870.7	871.6	871.8	872.0	872.3	872.5	872.5	872.5	872.5	872.5	872.0
137.5°	927.2	928.1	928.7	929.2	929.8	930.3	930.5	930.8	931.1	931.4	930.9
140°	962.9	963.8	964.5	965.2	965.9	966.6	967.1	967.6	968.0	968.5	968.2
142.5°	998.5	999.4	1000.3	1001.2	1002.1	1003.0	1003.3	1003.6	1003.9	1004.1	1003.7
145°	1051.8	1052.6	1053.4	1054.0	1054.8	1055.5	1055.5	1055.5	1055.5	1055.5	1055.1
147.5°	1099.6	1100.2	1100.7	1101.3	1101.9	1102.4	1103.0	1103.5	1104.1	1104.6	1104.2
150°	1129.6	1129.9	1130.9	1131.9	1132.8	1133.8	1133.8	1133.8	1133.8	1133.8	1133.5
152.5°	1158.9	1159.3	1159.7	1160.0	1160.4	1160.8	1161.4	1161.9	1162.5	1163.0	1162.9
155°	1199.3	1199.4	1199.6	1199.9	1200.1	1200.4	1201.3	1202.2	1203.1	1204.1	1204.0
157.5°	1234.4	1234.3	1234.5	1234.8	1235.0	1235.3	1236.2	1237.1	1238.0	1239.0	1238.7
160°	1255.7	1255.5	1255.7	1256.0	1256.1	1256.4	1257.4	1258.3	1259.2	1260.1	1260.0
162.5°	1275.9	1275.7	1275.7	1275.8	1275.8	1275.9	1277.0	1278.1	1279.2	1280.3	1280.3
165°	1302.1	1302.0	1302.2	1302.4	1302.7	1302.9	1303.9	1304.8	1305.8	1306.7	1306.4
167.5°	1322.3	1321.8	1321.8	1321.8	1321.8	1321.8	1323.1	1324.6	1326.0	1327.4	1327.4
170°	1334.1	1333.6	1333.6	1333.6	1333.6	1333.6	1335.1	1336.4	1337.8	1339.2	1339.1
172.5°	1342.6	1342.1	1342.1	1342.1	1342.1	1342.1	1343.5	1344.9	1346.3	1347.7	1347.7
175°	1352.1	1351.6	1351.6	1351.6	1351.6	1351.6	1353.0	1354.4	1355.8	1357.2	1357.1
177.5°	1357.6	1357.2	1357.0	1356.8	1356.7	1356.4	1357.6	1358.7	1359.8	1361.0	1360.9
180°	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0



TEST NUMBER: P333359-930

CATALOG NUMBER: S125DIW-S375D1340U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8
2.5°	422.9	424.0	423.1	424.3	423.1	424.0	422.9	423.8	425.2	424.3	426.4
5°	389.8	388.1	389.2	388.5	389.2	388.1	389.8	390.7	393.0	393.7	395.3
7.5°	359.2	357.6	355.7	354.8	355.7	357.6	359.2	359.7	361.7	364.5	366.6
10°	340.1	337.9	337.8	336.5	337.8	337.9	340.1	342.1	343.4	347.0	349.4
12.5°	326.0	324.1	322.0	321.4	322.0	324.1	326.0	327.8	328.2	332.2	333.9
15°	306.1	304.6	303.3	304.4	303.3	304.6	306.1	307.3	309.3	312.2	314.1
17.5°	289.6	288.4	288.1	286.7	288.1	288.4	289.6	290.2	293.6	295.5	298.7
20°	279.2	278.3	278.7	276.1	278.7	278.3	279.2	280.9	284.3	285.2	288.6
22.5°	270.9	269.0	268.8	268.3	268.8	269.0	270.9	272.5	273.1	276.1	278.3
25°	257.9	257.0	256.0	257.0	256.0	257.0	257.9	259.6	260.3	262.4	264.7
27.5°	246.5	245.4	245.2	245.3	245.2	245.4	246.5	246.4	248.4	250.1	251.8
30°	239.6	237.7	237.9	237.7	237.9	237.7	239.6	239.6	240.8	242.3	243.8
32.5°	232.1	230.8	230.6	230.2	230.6	230.8	232.1	231.8	233.3	235.1	236.7
35°	220.9	220.9	220.0	220.0	220.0	220.9	220.9	221.5	223.1	223.1	224.9
37.5°	210.5	210.3	209.8	209.9	209.8	210.3	210.5	211.0	211.5	212.3	213.5
40°	202.7	202.5	201.9	200.8	201.9	202.5	202.7	203.5	203.8	204.8	205.5
42.5°	195.2	194.5	194.3	193.9	194.3	194.5	195.2	195.6	195.8	197.1	198.6
45°	183.3	183.3	183.0	182.7	183.0	183.3	183.3	183.3	183.5	185.0	185.7
47.5°	171.8	172.1	172.8	172.7	172.8	172.1	171.8	171.5	171.5	172.3	173.2
50°	164.9	165.0	165.6	165.8	165.6	165.0	164.9	164.1	163.7	163.7	164.3
52.5°	157.2	158.2	159.0	158.8	159.0	158.2	157.2	156.5	155.9	155.0	155.8
55°	146.3	147.7	149.0	149.2	149.0	147.7	146.3	144.7	143.9	142.4	143.0
57.5°	135.7	137.5	138.9	139.4	138.9	137.5	135.7	133.7	131.3	130.5	129.5
60°	128.5	130.9	132.6	133.4	132.6	130.9	128.5	126.6	123.4	121.3	120.6
62.5°	121.6	124.3	126.0	126.1	126.0	124.3	121.6	118.6	115.4	113.0	111.5
65°	110.2	113.0	114.5	115.7	114.5	113.0	110.2	107.0	103.5	100.2	98.5
67.5°	98.0	100.9	102.5	103.4	102.5	100.9	98.0	94.0	90.7	87.1	85.1
70°	89.1	92.0	94.2	95.0	94.2	92.0	89.1	84.4	81.6	78.2	76.5
72.5°	80.4	82.9	84.7	85.6	84.7	82.9	80.4	76.0	72.6	69.3	67.0
75°	65.1	68.6	70.3	71.2	70.3	68.6	65.1	62.7	58.9	55.4	53.5
77.5°	50.2	53.3	54.4	54.9	54.4	53.3	50.2	47.4	44.5	41.9	40.1
80°	40.3	42.2	43.5	43.7	43.5	42.2	40.3	38.1	35.8	33.3	31.6
82.5°	31.0	32.5	32.9	33.4	32.9	32.5	31.0	29.0	27.1	25.2	23.8
85°	17.0	17.7	17.9	17.7	17.9	17.7	17.0	15.7	14.7	13.8	13.2
87.5°	10.2	10.2	10.4	10.8	10.4	10.2	10.2	9.8	9.8	9.2	8.6
90°	23.2	24.0	24.7	25.4	24.7	24.0	23.2	22.6	21.6	20.5	19.2
92.5°	48.3	48.9	49.4	49.9	49.4	48.9	48.3	47.9	46.8	45.2	43.7
95°	89.5	90.0	90.5	91.0	90.5	90.0	89.5	89.0	88.1	86.3	84.7
97.5°	137.1	137.4	137.6	137.9	137.6	137.4	137.1	136.8	135.8	134.3	132.7
100°	172.0	172.5	173.0	173.4	173.0	172.5	172.0	171.5	170.2	168.1	166.1
102.5°	207.0	207.7	208.3	209.0	208.3	207.7	207.0	206.4	204.9	202.5	200.2
105°	260.2	260.9	261.5	262.3	261.5	260.9	260.2	259.4	258.4	257.0	255.6
107.5°	317.0	316.9	316.9	316.8	316.9	316.9	317.0	317.1	316.7	316.0	315.3
110°	358.2	357.9	357.7	357.4	357.7	357.9	358.2	358.4	358.2	357.4	356.8



TEST NUMBER: P333359-930

CATALOG NUMBER: S125DIW-S375D1340U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	398.5	398.1	397.6	397.2	397.6	398.1	398.5	398.9	398.9	398.6	398.3
115°	460.7	460.5	460.3	460.1	460.3	460.5	460.7	461.0	461.2	461.5	461.7
117.5°	524.2	523.3	522.4	521.4	522.4	523.3	524.2	525.1	525.5	525.3	525.1
120°	566.5	565.6	564.6	563.7	564.6	565.6	566.5	567.4	567.9	567.9	567.9
122.5°	608.2	607.5	606.7	606.0	606.7	607.5	608.2	609.0	609.4	609.7	609.8
125°	670.2	669.9	669.7	669.4	669.7	669.9	670.2	670.4	670.7	671.2	671.6
127.5°	731.8	731.3	730.8	730.3	730.8	731.3	731.8	732.2	732.6	732.8	733.0
130°	772.4	771.9	771.4	770.9	771.4	771.9	772.4	772.8	773.2	773.5	773.6
132.5°	811.1	810.3	809.7	809.0	809.7	810.3	811.1	811.7	812.1	812.4	812.6
135°	871.1	870.2	869.2	868.3	869.2	870.2	871.1	872.0	872.5	872.5	872.5
137.5°	929.8	928.5	927.4	926.3	927.4	928.5	929.8	930.9	931.4	931.1	930.8
140°	966.9	965.8	964.7	963.4	964.7	965.8	966.9	968.2	968.5	968.0	967.6
142.5°	1002.5	1001.4	1000.1	999.0	1000.1	1001.4	1002.5	1003.7	1004.1	1003.9	1003.6
145°	1054.4	1053.7	1053.0	1052.3	1053.0	1053.7	1054.4	1055.1	1055.5	1055.5	1055.5
147.5°	1102.5	1101.0	1099.3	1097.8	1099.3	1101.0	1102.5	1104.2	1104.6	1104.1	1103.5
150°	1133.0	1132.5	1132.0	1131.6	1132.0	1132.5	1133.0	1133.5	1133.8	1133.8	1133.8
152.5°	1162.0	1161.2	1160.3	1159.5	1160.3	1161.2	1162.0	1162.9	1163.0	1162.5	1161.9
155°	1202.8	1201.7	1200.4	1199.3	1200.4	1201.7	1202.8	1204.0	1204.1	1203.1	1202.2
157.5°	1237.1	1235.6	1234.0	1232.5	1234.0	1235.6	1237.1	1238.7	1239.0	1238.0	1237.1
160°	1258.9	1257.7	1256.5	1255.3	1256.5	1257.7	1258.9	1260.0	1260.1	1259.2	1258.3
162.5°	1278.9	1277.5	1276.2	1274.8	1276.2	1277.5	1278.9	1280.3	1280.3	1279.2	1278.1
165°	1305.0	1303.7	1302.2	1300.8	1302.2	1303.7	1305.0	1306.4	1306.7	1305.8	1304.8
167.5°	1325.9	1324.5	1323.0	1321.5	1323.0	1324.5	1325.9	1327.4	1327.4	1326.0	1324.6
170°	1337.5	1335.9	1334.2	1332.5	1334.2	1335.9	1337.5	1339.1	1339.2	1337.8	1336.4
172.5°	1346.2	1344.8	1343.3	1341.8	1343.3	1344.8	1346.2	1347.7	1347.7	1346.3	1344.9
175°	1355.4	1353.8	1352.2	1350.5	1352.2	1353.8	1355.4	1357.1	1357.2	1355.8	1354.4
177.5°	1359.5	1358.2	1356.9	1355.6	1356.9	1358.2	1359.5	1360.9	1361.0	1359.8	1358.7
180°	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0



TEST NUMBER: P333359-930

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**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8
2.5°	424.4	426.2	428.4	430.2	433.2	434.5	436.2	437.5	439.9	442.2	444.9
5°	395.8	399.0	403.3	408.1	413.5	417.3	422.6	425.7	432.2	438.0	443.7
7.5°	369.9	373.8	379.9	386.0	393.1	399.6	406.2	413.5	421.7	431.4	439.4
10°	352.1	357.3	363.9	371.5	380.2	387.7	396.6	404.5	414.5	425.7	436.3
12.5°	337.9	342.4	349.8	357.0	366.3	375.5	384.7	395.1	406.8	419.3	432.5
15°	318.4	322.1	328.2	338.2	347.6	356.6	370.4	380.2	394.8	408.8	424.9
17.5°	301.7	306.4	311.4	320.0	329.8	341.0	353.4	365.7	379.8	397.5	415.5
20°	291.5	295.2	301.0	307.6	318.0	329.3	341.0	353.4	370.7	389.1	408.5
22.5°	280.3	284.4	291.0	298.2	306.9	317.7	330.6	344.2	362.3	380.3	401.4
25°	267.2	269.9	276.0	282.4	291.1	300.3	313.6	328.7	346.7	367.2	388.7
27.5°	254.8	257.2	262.7	268.3	276.1	287.1	299.1	314.3	331.2	352.0	375.8
30°	245.8	248.5	253.4	259.4	266.9	276.5	288.8	303.1	321.2	341.5	366.4
32.5°	238.1	240.5	244.2	250.2	257.6	266.9	278.3	292.9	311.0	331.6	356.0
35°	226.2	228.9	231.7	236.4	242.8	251.8	264.3	278.1	295.4	315.4	337.8
37.5°	214.4	217.3	219.8	224.0	229.8	237.8	248.6	262.9	278.6	297.8	319.4
40°	207.0	209.3	211.4	215.9	221.8	229.3	239.3	252.1	268.6	286.6	304.4
42.5°	199.7	201.8	203.5	207.5	212.9	220.0	229.6	242.1	257.5	274.2	290.0
45°	188.0	189.3	191.4	194.8	199.1	205.7	214.9	226.1	239.0	254.9	266.8
47.5°	175.5	177.5	179.2	182.1	185.7	192.2	201.1	210.5	222.3	234.1	242.4
50°	165.8	167.9	170.3	173.2	176.5	182.5	190.6	200.2	210.3	219.3	226.4
52.5°	156.7	158.7	161.3	164.0	168.1	173.2	180.1	188.7	198.5	205.0	210.9
55°	143.3	144.3	147.3	149.9	153.9	157.7	164.7	172.2	178.2	183.1	188.0
57.5°	129.7	130.9	132.7	135.1	139.0	143.4	148.3	155.0	158.5	161.0	164.9
60°	120.9	121.3	122.5	125.3	128.3	132.2	137.9	142.6	145.3	147.3	150.5
62.5°	111.3	111.4	113.2	115.4	117.6	121.9	126.5	130.3	132.4	133.5	136.5
65°	97.8	97.4	98.5	100.2	102.9	105.7	109.7	113.0	112.8	114.0	115.9
67.5°	84.0	83.6	83.6	85.2	87.3	89.8	92.5	94.6	94.6	96.0	97.0
70°	74.6	73.5	74.2	75.6	76.5	78.6	81.6	82.3	82.5	83.2	84.2
72.5°	65.0	64.6	65.1	65.7	66.4	68.0	70.6	71.0	71.1	71.5	73.1
75°	51.6	51.3	50.9	51.4	52.2	53.3	54.2	55.0	54.8	55.0	56.2
77.5°	38.7	37.7	37.4	37.7	37.9	38.6	39.6	39.5	39.7	39.7	40.9
80°	30.7	29.2	29.0	29.0	29.2	29.6	29.9	30.3	29.8	30.3	30.7
82.5°	22.6	21.7	21.6	21.4	21.5	21.6	21.9	22.0	21.9	22.2	22.4
85°	12.5	12.1	11.5	11.9	11.7	11.1	11.5	10.9	10.8	10.9	11.1
87.5°	7.8	7.7	7.1	6.8	6.3	6.1	5.5	5.0	4.4	4.2	4.3
90°	18.1	17.0	15.2	13.6	12.0	10.4	8.6	6.7	4.8	2.9	1.1
92.5°	42.2	40.6	38.6	36.6	34.6	32.5	30.8	29.5	28.2	26.9	25.6
95°	83.1	81.4	79.1	76.7	74.4	72.1	70.6	70.1	69.7	69.2	68.7
97.5°	131.2	129.6	126.5	123.2	119.9	116.7	115.0	114.8	114.6	114.4	114.2
100°	164.0	161.8	158.7	155.7	152.6	149.6	148.1	148.1	148.1	148.1	148.1
102.5°	198.0	195.7	194.1	192.6	191.0	189.5	188.2	187.3	186.3	185.4	184.4
105°	254.2	252.7	251.4	250.0	248.5	247.1	245.8	244.7	243.4	242.3	241.2
107.5°	314.6	313.9	312.8	311.7	310.6	309.6	308.4	307.3	306.1	304.9	303.7
110°	356.0	355.3	354.7	353.9	353.3	352.5	351.6	350.4	349.3	348.1	346.9



TEST NUMBER: P333359-930

CATALOG NUMBER: S125DIW-S375D1340U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	397.9	397.6	396.7	395.8	394.9	394.1	393.3	392.7	392.1	391.5	390.9
115°	461.9	462.2	461.7	461.2	460.7	460.3	459.6	458.6	457.7	456.7	455.8
117.5°	525.0	524.8	524.3	523.9	523.5	523.1	522.7	522.2	521.8	521.4	521.0
120°	567.9	567.9	567.7	567.4	567.2	567.0	566.3	565.1	563.9	562.7	561.6
122.5°	610.0	610.3	609.6	609.0	608.4	607.8	607.2	606.8	606.4	606.0	605.6
125°	672.1	672.6	672.4	672.1	671.9	671.6	670.8	669.4	668.1	666.6	665.2
127.5°	733.3	733.5	733.3	733.0	732.7	732.4	731.9	731.1	730.3	729.4	728.6
130°	773.9	774.1	773.6	773.2	772.7	772.3	771.4	770.3	769.1	767.9	766.7
132.5°	812.9	813.1	813.2	813.3	813.3	813.4	812.5	810.6	808.7	806.7	804.8
135°	872.5	872.5	872.3	872.0	871.8	871.6	870.7	869.4	867.9	866.5	865.1
137.5°	930.5	930.3	929.8	929.2	928.7	928.1	927.2	925.9	924.5	923.2	921.8
140°	967.1	966.6	965.9	965.2	964.5	963.8	962.9	961.7	960.5	959.4	958.1
142.5°	1003.3	1003.0	1002.1	1001.2	1000.3	999.4	998.5	997.5	996.5	995.6	994.6
145°	1055.5	1055.5	1054.8	1054.0	1053.4	1052.6	1051.8	1050.8	1049.9	1049.0	1048.1
147.5°	1103.0	1102.4	1101.9	1101.3	1100.7	1100.2	1099.6	1099.1	1098.6	1098.0	1097.6
150°	1133.8	1133.8	1132.8	1131.9	1130.9	1129.9	1129.6	1129.8	1130.1	1130.3	1130.6
152.5°	1161.4	1160.8	1160.4	1160.0	1159.7	1159.3	1158.9	1158.6	1158.3	1158.0	1157.6
155°	1201.3	1200.4	1200.1	1199.9	1199.6	1199.4	1199.3	1199.3	1199.3	1199.3	1199.3
157.5°	1236.2	1235.3	1235.0	1234.8	1234.5	1234.3	1234.4	1234.9	1235.5	1236.0	1236.5
160°	1257.4	1256.4	1256.1	1256.0	1255.7	1255.5	1255.7	1256.4	1257.1	1257.8	1258.5
162.5°	1277.0	1275.9	1275.8	1275.8	1275.7	1275.7	1275.9	1276.4	1276.9	1277.5	1278.0
165°	1303.9	1302.9	1302.7	1302.4	1302.2	1302.0	1302.1	1302.6	1303.0	1303.5	1304.0
167.5°	1323.1	1321.8	1321.8	1321.8	1321.8	1321.8	1322.3	1323.1	1324.1	1325.0	1326.0
170°	1335.1	1333.6	1333.6	1333.6	1333.6	1333.6	1334.1	1335.1	1335.9	1336.9	1337.8
172.5°	1343.5	1342.1	1342.1	1342.1	1342.1	1342.1	1342.6	1343.5	1344.4	1345.3	1346.3
175°	1353.0	1351.6	1351.6	1351.6	1351.6	1351.6	1352.1	1353.0	1354.0	1354.9	1355.8
177.5°	1357.6	1356.4	1356.7	1356.8	1357.0	1357.2	1357.6	1358.5	1359.2	1359.9	1360.7
180°	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0



TEST NUMBER: P333359-930

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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8
2.5°	446.3	448.3	449.7	452.2	454.4	455.6	456.6	457.5	458.6	459.5	462.1
5°	449.1	454.0	458.2	464.6	470.4	474.9	479.8	484.1	487.7	492.8	496.8
7.5°	447.8	456.6	465.7	475.6	485.8	495.1	503.9	511.9	519.3	528.2	536.0
10°	446.7	458.5	470.2	483.6	497.3	509.0	519.9	531.1	539.2	550.5	560.1
12.5°	445.8	459.7	473.9	489.9	505.0	521.5	536.1	544.2	556.5	565.6	577.0
15°	442.0	460.4	479.8	497.9	519.4	534.7	547.5	563.3	574.8	586.3	598.7
17.5°	435.1	456.1	477.8	501.5	522.0	538.4	555.0	570.2	583.9	599.3	614.8
20°	431.9	452.9	477.8	502.1	522.2	539.3	556.3	573.1	588.2	608.0	625.8
22.5°	425.3	450.6	473.5	497.3	518.0	536.6	555.9	574.9	594.9	617.3	639.7
25°	413.5	439.1	463.4	486.8	507.7	531.1	551.6	577.1	602.7	632.3	660.1
27.5°	401.2	425.7	448.0	470.6	495.0	521.5	548.0	576.9	610.5	647.8	687.1
30°	391.3	414.5	436.1	459.3	484.7	514.5	543.7	578.0	616.8	658.8	705.6
32.5°	379.7	401.0	422.1	446.6	474.3	505.7	539.8	577.4	624.0	671.7	719.8
35°	359.8	377.7	399.4	425.6	456.8	492.8	532.2	576.7	630.1	685.0	725.5
37.5°	336.3	352.9	375.8	404.5	437.2	475.9	522.6	575.4	632.2	675.9	688.9
40°	320.4	335.9	359.6	389.4	422.9	463.8	515.0	570.8	625.8	653.7	642.9
42.5°	303.5	319.8	342.9	372.3	408.5	453.0	505.6	561.3	607.5	618.0	580.9
45°	277.0	293.7	316.5	346.3	385.1	433.3	488.1	538.8	565.3	546.3	488.9
47.5°	252.2	267.9	289.0	319.8	359.8	409.7	462.4	502.9	505.0	459.6	398.2
50°	235.3	249.8	271.1	301.8	341.5	392.1	439.7	471.6	457.2	405.8	346.8
52.5°	218.7	232.9	253.9	284.3	323.6	369.9	414.3	436.6	409.6	356.8	306.5
55°	194.8	207.2	227.8	255.8	293.1	336.1	373.7	381.5	346.4	294.5	253.6
57.5°	171.5	183.0	201.7	227.6	261.7	299.7	329.2	327.5	290.5	245.9	213.4
60°	155.6	166.9	183.5	208.7	239.9	272.6	297.8	291.8	255.1	216.6	189.3
62.5°	141.5	151.6	167.2	189.3	217.7	248.0	268.7	259.8	223.9	190.3	168.7
65°	120.6	129.1	142.4	161.3	184.8	209.9	225.9	214.4	183.7	157.5	140.1
67.5°	100.6	107.5	118.6	133.7	153.8	173.9	183.6	172.1	147.5	128.4	115.5
70°	88.0	94.0	102.6	116.0	133.5	150.5	157.8	147.5	126.4	110.0	100.8
72.5°	75.3	80.3	87.9	100.0	114.0	128.7	135.1	125.2	107.9	94.0	85.4
75°	58.2	61.6	66.9	75.2	86.3	98.0	101.5	92.9	81.8	71.4	65.7
77.5°	41.7	44.5	48.5	53.7	61.6	69.1	72.2	67.2	58.6	52.0	47.4
80°	32.0	33.5	36.9	41.3	47.5	52.2	54.2	51.0	45.0	40.1	36.5
82.5°	22.8	24.4	26.3	29.9	33.9	37.1	39.3	37.2	32.9	28.9	26.9
85°	11.1	12.1	13.2	14.7	17.7	19.6	19.4	18.1	16.4	14.9	13.8
87.5°	4.5	5.1	5.9	7.0	7.8	8.7	9.4	9.4	9.1	8.9	8.6
90°	2.9	4.8	6.7	8.6	10.4	12.0	13.6	15.2	17.0	18.1	19.2
92.5°	26.9	28.2	29.5	30.8	32.5	34.6	36.6	38.6	40.6	42.2	43.7
95°	69.2	69.7	70.1	70.6	72.1	74.4	76.7	79.1	81.4	83.1	84.7
97.5°	114.4	114.6	114.8	115.0	116.7	119.9	123.2	126.5	129.6	131.2	132.7
100°	148.1	148.1	148.1	148.1	149.6	152.6	155.7	158.7	161.8	164.0	166.1
102.5°	185.4	186.3	187.3	188.2	189.5	191.0	192.6	194.1	195.7	198.0	200.2
105°	242.3	243.4	244.7	245.8	247.1	248.5	250.0	251.4	252.7	254.2	255.6
107.5°	304.9	306.1	307.3	308.4	309.6	310.6	311.7	312.8	313.9	314.6	315.3
110°	348.1	349.3	350.4	351.6	352.5	353.3	353.9	354.7	355.3	356.0	356.8





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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	391.5	392.1	392.7	393.3	394.1	394.9	395.8	396.7	397.6	397.9	398.3
115°	456.7	457.7	458.6	459.6	460.3	460.7	461.2	461.7	462.2	461.9	461.7
117.5°	521.4	521.8	522.2	522.7	523.1	523.5	523.9	524.3	524.8	525.0	525.1
120°	562.7	563.9	565.1	566.3	567.0	567.2	567.4	567.7	567.9	567.9	567.9
122.5°	606.0	606.4	606.8	607.2	607.8	608.4	609.0	609.6	610.3	610.0	609.8
125°	666.6	668.1	669.4	670.8	671.6	671.9	672.1	672.4	672.6	672.1	671.6
127.5°	729.4	730.3	731.1	731.9	732.4	732.7	733.0	733.3	733.5	733.3	733.0
130°	767.9	769.1	770.3	771.4	772.3	772.7	773.2	773.6	774.1	773.9	773.6
132.5°	806.7	808.7	810.6	812.5	813.4	813.3	813.3	813.2	813.1	812.9	812.6
135°	866.5	867.9	869.4	870.7	871.6	871.8	872.0	872.3	872.5	872.5	872.5
137.5°	923.2	924.5	925.9	927.2	928.1	928.7	929.2	929.8	930.3	930.5	930.8
140°	959.4	960.5	961.7	962.9	963.8	964.5	965.2	965.9	966.6	967.1	967.6
142.5°	995.6	996.5	997.5	998.5	999.4	1000.3	1001.2	1002.1	1003.0	1003.3	1003.6
145°	1049.0	1049.9	1050.8	1051.8	1052.6	1053.4	1054.0	1054.8	1055.5	1055.5	1055.5
147.5°	1098.0	1098.6	1099.1	1099.6	1100.2	1100.7	1101.3	1101.9	1102.4	1103.0	1103.5
150°	1130.3	1130.1	1129.8	1129.6	1129.9	1130.9	1131.9	1132.8	1133.8	1133.8	1133.8
152.5°	1158.0	1158.3	1158.6	1158.9	1159.3	1159.7	1160.0	1160.4	1160.8	1161.4	1161.9
155°	1199.3	1199.3	1199.3	1199.3	1199.4	1199.6	1199.9	1200.1	1200.4	1201.3	1202.2
157.5°	1236.0	1235.5	1234.9	1234.4	1234.3	1234.5	1234.8	1235.0	1235.3	1236.2	1237.1
160°	1257.8	1257.1	1256.4	1255.7	1255.5	1255.7	1256.0	1256.1	1256.4	1257.4	1258.3
162.5°	1277.5	1276.9	1276.4	1275.9	1275.7	1275.7	1275.8	1275.8	1275.9	1277.0	1278.1
165°	1303.5	1303.0	1302.6	1302.1	1302.0	1302.2	1302.4	1302.7	1302.9	1303.9	1304.8
167.5°	1325.0	1324.1	1323.1	1322.3	1321.8	1321.8	1321.8	1321.8	1321.8	1323.1	1324.6
170°	1336.9	1335.9	1335.1	1334.1	1333.6	1333.6	1333.6	1333.6	1333.6	1335.1	1336.4
172.5°	1345.3	1344.4	1343.5	1342.6	1342.1	1342.1	1342.1	1342.1	1342.1	1343.5	1344.9
175°	1354.9	1354.0	1353.0	1352.1	1351.6	1351.6	1351.6	1351.6	1351.6	1353.0	1354.4
177.5°	1359.9	1359.2	1358.5	1357.6	1357.2	1357.0	1356.8	1356.7	1356.4	1357.6	1358.7
180°	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	443.8	443.8	443.8	443.8	443.8	443.8	443.8
2.5°	464.2	465.4	468.0	467.1	468.2	468.9	469.4
5°	501.7	507.7	510.4	510.0	514.0	513.0	512.0
7.5°	544.0	550.3	553.9	558.3	560.8	561.1	563.3
10°	568.0	576.3	579.7	584.4	587.4	589.1	588.9
12.5°	586.4	592.9	600.5	602.8	606.8	609.0	608.2
15°	608.5	618.9	626.8	630.7	635.9	637.3	639.4
17.5°	628.3	642.1	651.3	663.7	668.3	671.2	669.4
20°	643.2	661.5	670.7	685.3	693.5	697.8	696.3
22.5°	660.8	680.6	697.7	710.4	722.7	728.6	729.8
25°	691.0	718.1	743.2	759.9	775.2	778.8	786.7
27.5°	724.8	756.8	783.6	801.2	811.8	815.8	818.3
30°	746.0	777.9	798.0	809.3	812.7	812.4	812.0
32.5°	756.4	776.3	780.2	777.1	769.3	762.7	755.9
35°	741.7	726.8	704.6	676.0	654.8	633.6	631.4
37.5°	667.1	619.5	582.4	541.1	517.3	502.6	492.4
40°	596.8	542.7	497.9	463.1	438.8	429.2	419.7
42.5°	520.6	468.9	429.2	400.1	381.8	371.1	363.7
45°	422.9	377.3	346.3	325.1	310.6	302.4	297.7
47.5°	346.6	312.8	286.4	271.2	261.2	254.8	254.8
50°	305.6	273.4	255.8	243.8	235.1	230.0	231.0
52.5°	269.2	245.2	230.2	220.1	213.7	210.6	210.4
55°	225.1	207.8	198.0	190.6	186.3	182.7	183.5
57.5°	192.6	178.0	171.4	165.3	162.2	160.9	158.7
60°	172.4	161.1	155.4	150.5	147.5	146.3	144.3
62.5°	154.4	145.5	140.1	136.1	133.4	133.0	131.3
65°	129.8	123.0	118.1	116.3	113.4	112.7	112.7
67.5°	107.0	102.2	98.3	96.6	95.4	95.6	94.7
70°	92.7	88.7	86.3	84.4	83.5	83.6	82.9
72.5°	81.1	76.6	74.5	73.4	72.2	72.6	72.3
75°	61.4	59.2	58.0	56.9	56.2	55.8	55.4
77.5°	45.1	43.1	42.2	41.6	41.7	40.8	41.5
80°	34.8	33.2	32.6	31.6	31.5	31.5	31.3
82.5°	25.5	24.5	24.1	23.4	23.0	23.3	22.8
85°	13.2	12.5	12.2	12.2	11.9	11.5	12.5
87.5°	8.9	8.6	8.7	8.7	8.9	8.9	8.7
90°	20.5	21.6	22.6	23.2	24.0	24.7	25.4
92.5°	45.2	46.8	47.9	48.3	48.9	49.4	49.9
95°	86.3	88.1	89.0	89.5	90.0	90.5	91.0
97.5°	134.3	135.8	136.8	137.1	137.4	137.6	137.9
100°	168.1	170.2	171.5	172.0	172.5	173.0	173.4
102.5°	202.5	204.9	206.4	207.0	207.7	208.3	209.0
105°	257.0	258.4	259.4	260.2	260.9	261.5	262.3
107.5°	316.0	316.7	317.1	317.0	316.9	316.9	316.8
110°	357.4	358.2	358.4	358.2	357.9	357.7	357.4



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	398.6	398.9	398.9	398.5	398.1	397.6	397.2
115°	461.5	461.2	461.0	460.7	460.5	460.3	460.1
117.5°	525.3	525.5	525.1	524.2	523.3	522.4	521.4
120°	567.9	567.9	567.4	566.5	565.6	564.6	563.7
122.5°	609.7	609.4	609.0	608.2	607.5	606.7	606.0
125°	671.2	670.7	670.4	670.2	669.9	669.7	669.4
127.5°	732.8	732.6	732.2	731.8	731.3	730.8	730.3
130°	773.5	773.2	772.8	772.4	771.9	771.4	770.9
132.5°	812.4	812.1	811.7	811.1	810.3	809.7	809.0
135°	872.5	872.5	872.0	871.1	870.2	869.2	868.3
137.5°	931.1	931.4	930.9	929.8	928.5	927.4	926.3
140°	968.0	968.5	968.2	966.9	965.8	964.7	963.4
142.5°	1003.9	1004.1	1003.7	1002.5	1001.4	1000.1	999.0
145°	1055.5	1055.5	1055.1	1054.4	1053.7	1053.0	1052.3
147.5°	1104.1	1104.6	1104.2	1102.5	1101.0	1099.3	1097.8
150°	1133.8	1133.8	1133.5	1133.0	1132.5	1132.0	1131.6
152.5°	1162.5	1163.0	1162.9	1162.0	1161.2	1160.3	1159.5
155°	1203.1	1204.1	1204.0	1202.8	1201.7	1200.4	1199.3
157.5°	1238.0	1239.0	1238.7	1237.1	1235.6	1234.0	1232.5
160°	1259.2	1260.1	1260.0	1258.9	1257.7	1256.5	1255.3
162.5°	1279.2	1280.3	1280.3	1278.9	1277.5	1276.2	1274.8
165°	1305.8	1306.7	1306.4	1305.0	1303.7	1302.2	1300.8
167.5°	1326.0	1327.4	1327.4	1325.9	1324.5	1323.0	1321.5
170°	1337.8	1339.2	1339.1	1337.5	1335.9	1334.2	1332.5
172.5°	1346.3	1347.7	1347.7	1346.2	1344.8	1343.3	1341.8
175°	1355.8	1357.2	1357.1	1355.4	1353.8	1352.2	1350.5
177.5°	1359.8	1361.0	1360.9	1359.5	1358.2	1356.9	1355.6
180°	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0	1359.0

(END OF REPORT)