

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: P333648-935

Luminaire Tested: **S125RDIW-S375D1050U935-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333648-935
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-7,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125RDIW-S375D1050U935-4F0-1E-UDD-A
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 375 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1050 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4865.3 lumens
Efficiency: N/A
Efficacy: 128.0 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

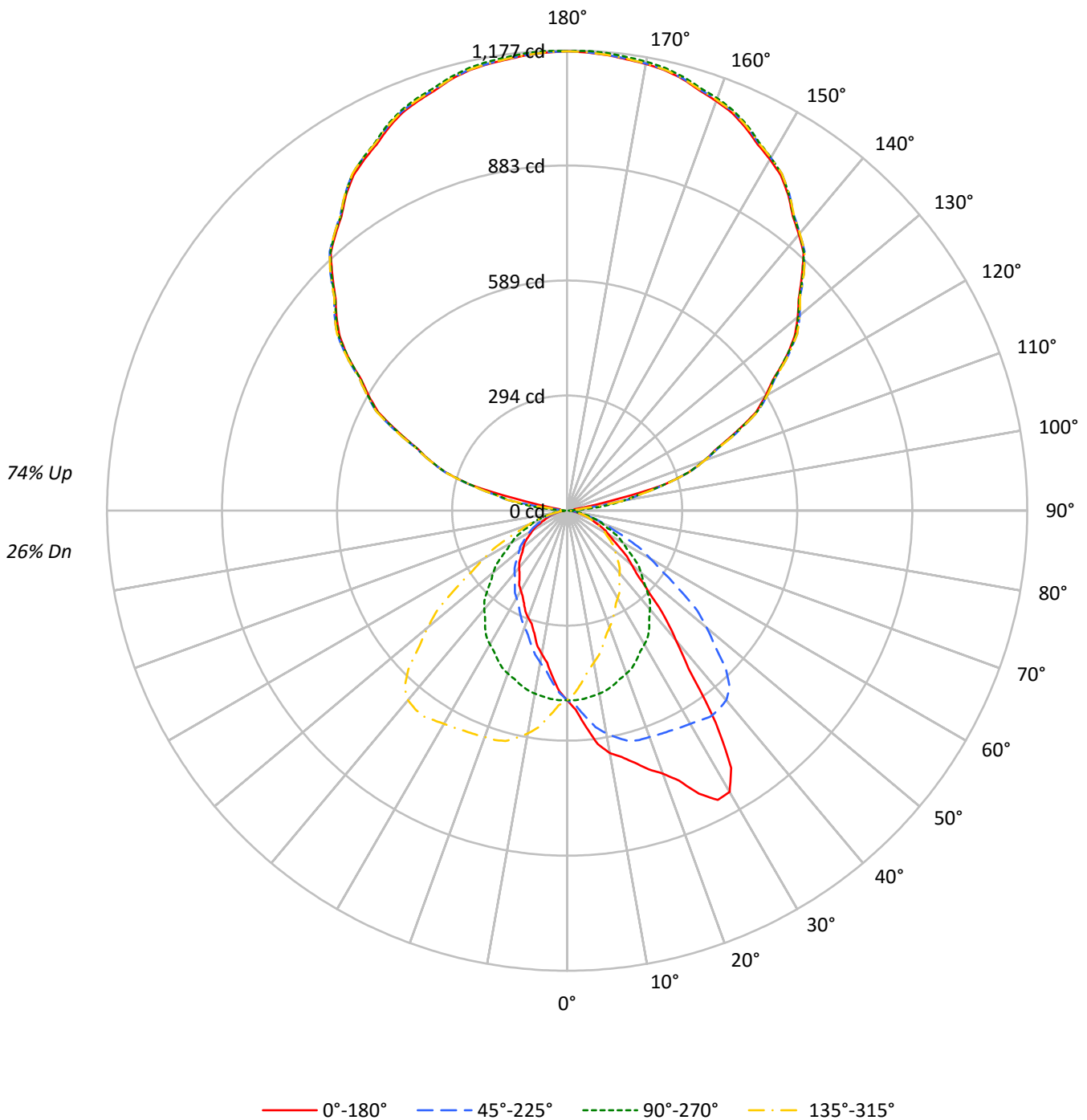
Input Watts (W): 38
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333648-935

CATALOG NUMBER: S125RDIW-S375D1050U935-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P333648-935

CATALOG NUMBER: S125RDIW-S375D1050U935-4F0-1E-UDD-A

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	70	70	70	51	51	51	34	34	34	26
1	93	89	85	82	82	79	76	73	61	59	58	45	44	43	30	30	29	22
2	84	77	72	67	75	69	65	60	54	51	48	40	38	36	27	26	25	19
3	77	68	61	56	69	61	55	51	48	44	40	35	33	31	24	22	21	16
4	70	60	53	47	63	54	48	43	42	38	34	32	29	26	21	20	18	14
5	65	54	46	40	57	48	42	37	38	33	30	28	25	23	19	18	16	12
6	59	48	40	35	53	43	37	32	34	29	26	26	22	20	18	16	14	11
7	55	43	36	30	49	39	32	28	31	26	23	23	20	18	16	14	13	10
8	51	39	32	27	45	35	29	24	28	23	20	21	18	16	15	13	11	9
9	47	36	28	24	42	32	26	22	26	21	18	19	16	14	14	12	10	8
10	44	32	26	21	39	29	23	19	23	19	16	18	15	13	13	11	9	7

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3130	3130	3130	3130
5°	3601	3135	2768	3135
10°	4131	3118	2443	3118
15°	4462	3086	2171	3086
20°	4920	3049	2004	3049
25°	5694	2999	1861	2999
30°	6196	2948	1766	2948
35°	5226	2888	1678	2888
40°	3650	2780	1604	2780
45°	2707	2633	1531	2633
50°	2159	2481	1467	2481
55°	1832	2291	1412	2291
60°	1582	2124	1321	2124
65°	1411	1939	1137	1939
70°	1241	1777	1037	1777
75°	1073	1537	973	1537
80°	815	1294	815	1294
85°	674	1015	763	1015



TEST NUMBER: P333648-935

CATALOG NUMBER: S125RDIW-S375D1050U935-4F0-1E-UDD-A

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.5	1.0
10°-20°	136.2	2.8
20°-30°	215.9	4.4
30°-40°	260.4	5.4
40°-50°	232.6	4.8
50°-60°	178.3	3.7
60°-70°	115.9	2.4
70°-80°	56.3	1.2
80°-90°	15.9	0.3
90°-100°	42.7	0.9
100°-110°	263.1	5.4
110°-120°	477.1	9.8
120°-130°	612.4	12.6
130°-140°	658.7	13.5
140°-150°	618.2	12.7
150°-160°	500.1	10.3
160°-170°	323.4	6.6
170°-180°	111.6	2.3
0°-30°	398.6	8.2
0°-40°	659.0	13.5
0°-60°	1069.9	22.0
0°-90°	1258.0	25.9
90°-120°	782.9	16.1
90°-150°	2672.2	54.9
90°-180°	3607.0	74.1
0°-180°	4865.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	485	485	485	485	485	
5°	555	484	427	484	555	55
15°	667	462	325	462	667	191
25°	799	421	261	421	799	367
35°	663	366	213	366	663	400
45°	296	288	168	288	296	237
55°	163	204	125	204	163	148
65°	92	127	74	127	92	92
75°	43	62	39	62	43	46
85°	9	14	10	14	9	11
90°	21	1	21	1	21	9
95°	18	50	18	50	18	15
105°	259	256	259	256	259	234
115°	477	481	477	481	477	474
125°	684	684	684	684	684	608
135°	849	852	849	852	849	655
145°	986	988	986	988	986	616
155°	1081	1088	1081	1088	1081	498
165°	1142	1149	1142	1149	1142	322
175°	1170	1175	1170	1175	1170	111
180°	1175	1175	1175	1175	1175	



TEST NUMBER: P333648-935

CATALOG NUMBER: S125RDIW-S375D1050U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7
2.5°	509.8	509.5	510.1	508.3	508.5	505.8	505.8	503.8	501.0	498.9	498.0
5°	555.4	555.9	555.1	552.1	550.1	547.1	543.7	537.8	532.8	528.0	524.3
7.5°	602.5	602.8	600.1	599.3	594.2	590.6	583.1	574.9	567.7	558.5	551.6
10°	629.9	629.6	626.9	624.7	620.4	614.8	607.3	597.9	588.9	578.9	569.4
12.5°	645.8	645.2	644.4	641.7	637.7	632.7	626.5	617.1	606.1	595.2	584.0
15°	667.3	665.9	663.3	659.9	654.1	648.3	641.4	633.1	622.5	610.2	599.9
17.5°	693.9	693.9	689.9	685.2	677.3	667.2	656.4	643.0	628.6	615.1	604.1
20°	715.8	715.2	711.3	702.1	693.1	680.4	668.0	651.5	634.0	616.3	602.6
22.5°	747.3	745.8	741.7	729.6	715.7	699.3	680.4	660.3	639.1	619.1	601.0
25°	799.0	797.8	789.6	775.7	756.2	730.9	706.3	678.6	648.2	621.7	599.9
27.5°	834.3	833.0	826.9	815.4	797.4	770.8	737.4	700.4	662.5	626.0	594.5
30°	830.8	833.8	833.0	827.6	814.1	790.2	759.4	717.8	672.6	629.9	592.3
32.5°	780.8	783.5	790.5	801.1	801.8	792.3	769.2	730.8	684.1	635.4	590.5
35°	662.9	666.5	680.0	701.3	729.2	752.4	757.2	736.5	694.5	642.2	587.9
37.5°	509.6	529.2	540.6	563.0	605.1	647.9	689.1	704.2	686.4	639.4	583.7
40°	432.9	437.6	458.0	483.3	518.7	563.2	621.9	664.3	665.6	633.1	577.0
42.5°	370.5	376.6	390.5	410.7	441.0	485.5	546.1	602.1	627.9	615.5	568.2
45°	296.4	301.0	311.2	326.7	349.9	386.8	438.9	503.5	554.8	575.0	544.8
47.5°	243.5	246.0	254.8	266.7	283.9	310.6	351.0	407.2	468.7	511.9	507.6
50°	214.9	217.7	224.4	233.3	247.9	270.5	302.8	349.6	413.0	465.7	476.3
52.5°	192.6	194.9	199.1	207.6	219.6	236.9	263.0	305.3	362.4	418.4	442.9
55°	162.7	164.4	167.7	172.5	182.0	194.6	217.1	246.3	292.5	349.0	384.8
57.5°	138.2	139.0	141.1	145.5	152.1	161.3	177.5	202.2	235.4	286.3	325.8
60°	122.5	123.4	126.1	129.2	134.3	142.7	155.4	172.7	204.5	246.5	286.5
62.5°	110.1	110.6	111.8	114.8	119.3	125.8	135.8	149.9	175.2	212.2	249.9
65°	92.3	92.5	92.9	95.3	98.1	102.9	109.4	119.3	138.4	166.3	199.8
67.5°	75.2	75.5	76.9	77.7	80.6	83.1	87.0	94.5	108.1	126.8	152.8
70°	65.7	65.4	66.8	67.8	68.8	71.8	74.4	80.6	88.9	103.2	124.9
72.5°	56.7	56.2	56.8	57.2	58.5	60.5	63.1	66.9	73.4	83.2	99.8
75°	43.0	43.1	43.1	43.6	44.6	45.4	46.1	48.1	51.7	58.3	67.2
77.5°	30.1	29.9	30.7	30.8	31.4	32.3	33.0	33.8	35.2	37.9	42.5
80°	21.9	21.9	22.0	22.6	22.5	22.9	23.8	24.7	26.4	28.1	29.6
82.5°	16.8	16.6	16.8	17.0	16.9	17.3	17.7	17.8	18.5	19.3	20.4
85°	9.1	9.1	9.4	9.4	9.6	9.6	9.7	9.7	9.7	10.0	10.2
87.5°	7.7	7.4	7.1	7.0	7.1	7.2	6.9	6.5	6.3	6.1	6.0
90°	20.9	20.3	19.7	19.2	18.6	17.8	16.9	15.8	14.9	13.9	12.6
92.5°	19.5	19.2	18.9	18.7	18.4	17.8	16.9	15.8	14.9	13.9	12.7
95°	18.3	18.3	18.3	18.3	18.3	17.8	16.9	15.8	14.9	13.9	21.3
97.5°	18.3	18.3	18.3	18.3	18.3	21.0	26.4	31.9	37.4	42.9	57.4
100°	18.3	19.0	19.8	20.6	21.4	36.2	65.0	93.8	122.7	151.5	150.8
102.5°	109.5	122.7	135.9	149.0	162.2	171.5	176.9	182.4	187.9	193.3	192.9
105°	258.6	258.8	259.0	259.2	259.4	259.5	259.5	259.5	259.5	259.5	259.5
107.5°	326.1	326.6	327.2	327.8	328.4	328.6	328.6	328.6	328.5	328.5	328.0
110°	372.7	372.5	372.3	372.1	372.0	372.1	372.7	373.2	373.8	374.4	374.0



TEST NUMBER: P333648-935

CATALOG NUMBER: S125RDIW-S375D1050U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	414.5	414.7	415.0	415.3	415.6	416.1	416.8	417.6	418.3	419.0	418.8
115°	477.2	478.4	479.5	480.7	481.8	482.8	483.5	484.3	485.1	485.9	485.7
117.5°	544.1	544.6	545.1	545.6	546.0	546.8	547.9	548.9	549.8	550.9	550.1
120°	585.1	586.2	587.1	588.1	589.0	589.7	590.1	590.5	590.9	591.2	590.6
122.5°	624.2	625.3	626.5	627.6	628.7	629.4	629.8	630.2	630.6	630.9	630.7
125°	683.5	684.2	684.8	685.4	685.9	686.6	687.3	688.1	688.9	689.7	689.7
127.5°	733.6	734.9	736.4	737.9	739.3	740.2	740.6	741.1	741.5	741.9	742.0
130°	769.8	770.8	771.7	772.7	773.6	774.4	775.0	775.6	776.2	776.7	776.5
132.5°	803.2	804.2	805.1	806.2	807.1	807.6	807.7	807.9	808.0	808.1	808.5
135°	849.0	850.2	851.4	852.5	853.7	854.5	854.8	855.2	855.6	856.0	856.4
137.5°	895.0	896.0	897.0	898.0	899.1	899.5	899.4	899.3	899.2	899.1	899.5
140°	922.1	923.3	924.5	925.7	926.8	927.2	926.8	926.4	926.0	925.7	925.8
142.5°	948.0	949.1	950.3	951.4	952.6	953.1	953.0	953.0	952.9	952.8	952.5
145°	985.8	986.9	988.1	989.2	990.4	990.8	990.7	990.5	990.3	990.1	990.1
147.5°	1016.9	1018.3	1019.7	1021.1	1022.5	1023.0	1022.9	1022.6	1022.4	1022.1	1021.9
150°	1037.1	1038.6	1040.2	1041.7	1043.3	1043.9	1043.5	1043.1	1042.8	1042.3	1042.0
152.5°	1055.9	1057.3	1058.7	1060.1	1061.5	1062.0	1061.6	1061.2	1060.8	1060.4	1060.1
155°	1080.6	1082.2	1083.7	1085.3	1086.8	1087.4	1086.8	1086.2	1085.5	1085.0	1084.6
157.5°	1101.4	1102.9	1104.5	1106.0	1107.6	1108.0	1107.4	1106.8	1106.2	1105.5	1105.5
160°	1114.7	1116.2	1117.8	1119.3	1120.8	1121.2	1120.4	1119.6	1118.9	1118.1	1117.9
162.5°	1126.4	1128.2	1129.9	1131.5	1133.2	1133.6	1132.5	1131.4	1130.3	1129.2	1129.0
165°	1142.5	1144.0	1145.6	1147.1	1148.7	1148.8	1147.7	1146.5	1145.4	1144.2	1144.0
167.5°	1153.7	1155.4	1157.1	1158.8	1160.6	1160.8	1159.3	1158.0	1156.6	1155.2	1155.0
170°	1159.9	1161.7	1163.4	1165.1	1166.8	1167.0	1165.4	1163.9	1162.4	1160.8	1160.5
172.5°	1164.1	1165.8	1167.5	1169.3	1171.0	1171.2	1169.8	1168.5	1167.0	1165.6	1165.3
175°	1169.5	1171.2	1172.9	1174.7	1176.5	1176.6	1175.0	1173.5	1171.9	1170.4	1170.2
177.5°	1172.6	1173.9	1175.1	1176.3	1177.6	1177.7	1176.6	1175.4	1174.4	1173.3	1173.1
180°	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7



TEST NUMBER: P333648-935

CATALOG NUMBER: S125RDIW-S375D1050U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7
2.5°	498.0	496.9	494.8	492.9	490.5	488.4	487.0	485.3	483.0	480.4	478.1
5°	520.0	515.7	509.9	504.9	498.5	493.6	488.4	483.5	478.5	472.1	466.5
7.5°	544.5	535.5	526.7	515.6	505.6	496.6	488.0	479.3	470.8	461.8	453.1
10°	559.5	548.5	536.4	522.5	509.7	497.6	486.5	475.4	463.9	453.8	442.9
12.5°	573.4	559.3	545.4	527.9	512.6	497.7	483.5	469.9	457.6	444.4	432.7
15°	586.1	572.1	556.6	535.2	513.8	495.9	479.2	461.6	446.3	431.5	418.4
17.5°	591.0	576.4	558.4	537.7	514.4	491.9	470.4	451.0	432.9	415.8	401.1
20°	589.1	575.0	556.5	536.7	511.9	488.4	465.1	443.7	423.5	405.4	389.8
22.5°	584.4	569.9	552.0	531.2	507.6	482.7	457.8	434.9	413.9	395.1	378.0
25°	577.6	557.7	539.3	519.0	496.5	471.9	446.3	420.9	398.5	379.4	360.7
27.5°	570.3	545.5	522.2	502.0	478.3	456.3	431.5	405.6	382.0	362.6	343.4
30°	563.8	536.0	510.3	487.4	464.9	444.0	420.6	395.3	371.0	350.9	331.5
32.5°	555.7	526.1	497.9	471.5	449.8	429.1	407.9	383.7	360.1	339.3	319.5
35°	545.5	507.7	477.1	449.0	425.0	404.8	385.7	366.3	342.6	321.1	301.8
37.5°	532.2	489.2	453.8	423.3	397.9	377.7	362.6	344.7	323.1	302.6	284.7
40°	524.0	475.9	437.1	406.8	380.2	358.9	344.7	329.7	310.0	290.7	272.8
42.5°	513.2	463.6	420.3	388.7	361.9	341.4	327.1	313.9	297.4	279.2	260.0
45°	492.0	439.9	394.3	360.5	333.5	313.3	300.0	288.3	275.8	259.0	242.3
47.5°	464.4	415.1	367.4	330.5	304.0	285.3	272.4	263.1	254.2	240.0	223.8
50°	442.3	394.7	348.2	312.4	284.1	266.4	254.3	246.9	238.8	225.8	212.2
52.5°	416.1	373.7	328.1	291.5	264.8	248.2	236.6	229.2	222.5	212.0	199.1
55°	375.1	337.8	296.0	262.8	238.3	221.6	210.5	203.5	199.6	190.6	180.5
57.5°	327.5	300.9	264.1	232.0	210.3	193.9	185.7	179.8	175.3	168.9	161.8
60°	294.5	275.8	242.7	212.2	192.3	176.7	169.3	164.4	160.1	154.8	149.2
62.5°	260.9	247.3	218.5	192.3	174.1	160.9	154.0	149.6	144.7	141.1	135.7
65°	215.9	203.7	183.8	163.3	146.5	135.9	130.9	126.9	124.0	119.9	116.1
67.5°	167.9	163.0	149.2	135.1	123.0	113.6	109.3	106.5	103.0	100.6	98.0
70°	138.4	136.0	126.3	117.0	105.6	99.3	95.3	94.1	89.7	87.3	85.6
72.5°	112.4	111.2	105.6	99.2	91.2	85.6	82.0	80.6	77.7	75.9	74.7
75°	77.0	77.4	76.4	72.2	69.2	65.7	62.5	61.6	59.7	58.1	57.1
77.5°	48.7	50.7	50.8	50.6	49.4	47.3	45.9	45.3	43.4	42.8	42.5
80°	33.4	35.6	37.6	37.4	37.0	36.4	35.4	34.8	33.8	33.2	32.8
82.5°	22.3	24.3	26.0	27.0	26.9	26.3	25.7	25.4	25.2	24.8	24.7
85°	10.5	10.9	11.5	12.9	13.9	14.1	13.9	13.7	13.2	13.3	13.5
87.5°	5.9	5.6	5.5	5.3	4.7	5.3	5.4	5.3	5.3	5.3	5.3
90°	11.2	9.9	8.5	7.1	5.5	4.0	2.4	0.9	2.4	4.0	5.5
92.5°	11.5	10.3	9.1	9.0	10.2	11.3	12.3	13.4	12.3	11.3	10.2
95°	28.7	36.0	43.3	47.4	47.9	48.5	49.1	49.6	49.1	48.5	47.9
97.5°	72.0	86.5	101.1	107.8	106.8	105.7	104.7	103.7	104.7	105.7	106.8
100°	150.0	149.2	148.4	147.7	147.1	146.5	146.0	145.4	146.0	146.5	147.1
102.5°	192.3	191.9	191.5	190.9	190.1	189.4	188.6	188.0	188.6	189.4	190.1
105°	259.5	259.5	259.5	259.1	258.3	257.5	256.8	256.0	256.8	257.5	258.3
107.5°	327.7	327.3	326.9	326.7	326.7	326.7	326.7	326.7	326.7	326.7	326.7
110°	373.7	373.2	372.9	372.7	372.7	372.7	372.7	372.7	372.7	372.7	372.7



TEST NUMBER: P333648-935

CATALOG NUMBER: S125RDIW-S375D1050U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	418.5	418.4	418.1	417.8	417.2	416.8	416.4	415.9	416.4	416.8	417.2
115°	485.5	485.3	485.1	484.6	483.5	482.6	481.6	480.7	481.6	482.6	483.5
117.5°	549.4	548.6	547.9	547.6	547.6	547.7	547.7	547.8	547.7	547.7	547.6
120°	590.1	589.5	588.9	588.8	588.9	589.1	589.4	589.5	589.4	589.1	588.9
122.5°	630.4	630.2	629.9	629.4	628.6	627.9	627.2	626.5	627.2	627.9	628.6
125°	689.7	689.7	689.7	689.0	687.6	686.3	684.9	683.5	684.9	686.3	687.6
127.5°	742.2	742.3	742.4	741.9	741.0	740.0	739.1	738.0	739.1	740.0	741.0
130°	776.4	776.2	775.9	775.4	774.4	773.4	772.5	771.5	772.5	773.4	774.4
132.5°	808.9	809.3	809.8	809.4	808.3	807.2	806.1	804.9	806.1	807.2	808.3
135°	856.8	857.1	857.6	857.1	856.0	854.8	853.7	852.5	853.7	854.8	856.0
137.5°	899.9	900.3	900.6	900.3	899.2	898.2	897.2	896.2	897.2	898.2	899.2
140°	926.0	926.3	926.4	926.3	925.9	925.6	925.1	924.8	925.1	925.6	925.9
142.5°	952.3	952.0	951.7	951.5	951.2	951.1	950.8	950.5	950.8	951.1	951.2
145°	990.1	990.1	990.1	989.9	989.5	989.1	988.8	988.3	988.8	989.1	989.5
147.5°	1021.7	1021.4	1021.2	1021.1	1021.2	1021.3	1021.4	1021.4	1021.4	1021.3	1021.2
150°	1041.6	1041.2	1040.8	1040.8	1041.2	1041.6	1042.0	1042.3	1042.0	1041.6	1041.2
152.5°	1059.7	1059.3	1058.9	1059.1	1060.0	1060.8	1061.7	1062.6	1061.7	1060.8	1060.0
155°	1084.3	1083.8	1083.5	1083.8	1085.0	1086.2	1087.4	1088.5	1087.4	1086.2	1085.0
157.5°	1105.4	1105.4	1105.4	1105.7	1106.5	1107.2	1107.8	1108.5	1107.8	1107.2	1106.5
160°	1117.8	1117.5	1117.3	1117.8	1119.0	1120.2	1121.3	1122.5	1121.3	1120.2	1119.0
162.5°	1128.9	1128.7	1128.4	1128.9	1130.1	1131.3	1132.5	1133.6	1132.5	1131.3	1130.1
165°	1143.8	1143.7	1143.4	1143.9	1145.1	1146.2	1147.5	1148.6	1147.5	1146.2	1145.1
167.5°	1154.8	1154.6	1154.4	1154.9	1156.2	1157.4	1158.6	1159.7	1158.6	1157.4	1156.2
170°	1160.4	1160.2	1160.0	1160.5	1161.9	1163.3	1164.7	1166.0	1164.7	1163.3	1161.9
172.5°	1164.9	1164.6	1164.2	1164.8	1166.1	1167.4	1168.8	1170.2	1168.8	1167.4	1166.1
175°	1169.9	1169.8	1169.6	1170.0	1171.2	1172.3	1173.5	1174.7	1173.5	1172.3	1171.2
177.5°	1173.0	1172.9	1172.7	1173.1	1174.0	1174.9	1175.9	1176.8	1175.9	1174.9	1174.0
180°	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7



TEST NUMBER: P333648-935

CATALOG NUMBER: S125RDIW-S375D1050U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7
2.5°	476.5	474.3	472.7	469.5	467.3	466.3	464.6	464.1	465.9	464.6	464.4
5°	462.4	456.6	452.0	447.5	442.5	439.3	434.5	433.7	432.5	430.8	430.3
7.5°	445.4	437.8	432.0	424.4	417.8	412.5	406.6	403.7	402.2	399.8	396.7
10°	433.9	425.0	417.0	409.4	401.3	394.7	388.7	384.2	381.2	378.4	377.2
12.5°	422.6	413.5	403.3	394.2	385.0	377.7	371.1	368.1	364.8	361.5	358.8
15°	405.0	393.0	381.8	371.3	363.5	355.5	349.1	344.7	339.8	338.4	333.0
17.5°	386.4	374.5	361.4	350.4	341.4	332.6	325.6	320.6	316.9	311.8	309.4
20°	374.8	360.7	347.9	337.8	327.9	317.5	310.4	306.2	302.6	298.4	296.4
22.5°	362.4	348.6	335.5	323.6	313.6	303.3	298.3	293.9	289.9	286.0	283.4
25°	344.1	330.3	316.5	304.2	293.7	286.3	280.3	275.3	273.2	269.4	266.6
27.5°	326.1	311.3	297.1	284.8	276.6	269.2	264.3	260.5	256.5	253.2	250.7
30°	314.5	299.5	283.9	274.1	265.4	258.5	253.0	249.3	246.3	243.3	241.5
32.5°	302.9	287.3	273.5	263.0	254.8	248.7	243.2	239.5	236.4	233.2	231.0
35°	284.3	268.4	257.3	246.9	238.8	233.2	229.4	224.2	221.6	219.2	217.1
37.5°	267.0	252.2	240.1	231.1	223.9	218.4	213.5	210.8	207.6	205.4	203.6
40°	254.3	240.7	229.8	220.2	215.1	208.9	204.3	200.7	198.4	195.5	193.6
42.5°	242.8	230.2	219.6	211.0	204.6	199.3	194.9	191.3	188.3	186.3	184.7
45°	226.6	214.0	203.7	195.8	189.8	184.9	180.2	178.5	174.4	172.1	171.3
47.5°	209.8	198.6	188.6	181.3	175.2	170.5	166.2	162.6	160.3	158.0	156.7
50°	198.5	187.8	178.5	171.3	165.3	160.1	156.2	153.8	150.8	148.6	147.1
52.5°	187.3	177.3	168.0	161.1	155.9	150.8	146.3	144.0	141.1	139.7	138.6
55°	171.1	160.6	152.6	145.9	140.4	135.7	131.5	129.2	127.3	126.0	125.5
57.5°	152.8	144.5	137.1	131.0	125.4	120.9	117.2	114.9	113.4	113.1	111.9
60°	140.9	133.3	126.6	119.9	115.2	111.0	107.8	105.2	103.7	103.5	103.1
62.5°	128.9	121.7	115.4	109.6	105.3	101.3	98.2	95.4	94.5	93.4	92.6
65°	111.2	104.6	99.4	94.9	90.3	87.0	83.9	82.1	80.0	78.8	76.6
67.5°	93.8	88.8	83.8	79.9	76.3	73.1	70.6	67.9	66.5	65.5	64.0
70°	82.4	78.4	73.4	69.2	66.5	63.9	61.9	58.9	57.9	57.1	56.3
72.5°	71.5	68.0	63.9	60.4	57.7	55.3	53.0	51.6	50.5	49.8	49.3
75°	56.3	53.0	49.3	46.9	44.9	43.0	41.8	40.8	40.4	40.2	39.4
77.5°	41.3	39.5	36.7	34.8	33.5	32.6	31.6	31.1	31.0	30.1	29.9
80°	31.6	30.7	28.2	27.5	26.4	25.7	25.1	24.1	23.1	22.6	22.0
82.5°	23.5	22.6	21.5	20.3	19.5	18.9	18.4	18.0	18.2	17.6	17.3
85°	12.6	11.5	11.1	10.9	10.5	10.9	10.8	10.5	10.3	10.2	10.3
87.5°	5.4	5.7	5.8	6.4	6.2	6.6	6.8	6.8	7.1	7.2	7.2
90°	7.1	8.5	9.9	11.2	12.6	13.9	14.9	15.8	16.9	17.8	18.6
92.5°	9.0	9.1	10.3	11.5	12.7	13.9	14.9	15.8	16.9	17.8	18.4
95°	47.4	43.3	36.0	28.7	21.3	13.9	14.9	15.8	16.9	17.8	18.3
97.5°	107.8	101.1	86.5	72.0	57.4	42.9	37.4	31.9	26.4	21.0	18.3
100°	147.7	148.4	149.2	150.0	150.8	151.5	122.7	93.8	65.0	36.2	21.4
102.5°	190.9	191.5	191.9	192.3	192.9	193.3	187.9	182.4	176.9	171.5	162.2
105°	259.1	259.5	259.5	259.5	259.5	259.5	259.5	259.5	259.5	259.5	259.4
107.5°	326.7	326.9	327.3	327.7	328.0	328.5	328.5	328.6	328.6	328.6	328.4
110°	372.7	372.9	373.2	373.7	374.0	374.4	373.8	373.2	372.7	372.1	372.0



TEST NUMBER: P333648-935

CATALOG NUMBER: S125RDIW-S375D1050U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	417.8	418.1	418.4	418.5	418.8	419.0	418.3	417.6	416.8	416.1	415.6
115°	484.6	485.1	485.3	485.5	485.7	485.9	485.1	484.3	483.5	482.8	481.8
117.5°	547.6	547.9	548.6	549.4	550.1	550.9	549.8	548.9	547.9	546.8	546.0
120°	588.8	588.9	589.5	590.1	590.6	591.2	590.9	590.5	590.1	589.7	589.0
122.5°	629.4	629.9	630.2	630.4	630.7	630.9	630.6	630.2	629.8	629.4	628.7
125°	689.0	689.7	689.7	689.7	689.7	689.7	688.9	688.1	687.3	686.6	685.9
127.5°	741.9	742.4	742.3	742.2	742.0	741.9	741.5	741.1	740.6	740.2	739.3
130°	775.4	775.9	776.2	776.4	776.5	776.7	776.2	775.6	775.0	774.4	773.6
132.5°	809.4	809.8	809.3	808.9	808.5	808.1	808.0	807.9	807.7	807.6	807.1
135°	857.1	857.6	857.1	856.8	856.4	856.0	855.6	855.2	854.8	854.5	853.7
137.5°	900.3	900.6	900.3	899.9	899.5	899.1	899.2	899.3	899.4	899.5	899.1
140°	926.3	926.4	926.3	926.0	925.8	925.7	926.0	926.4	926.8	927.2	926.8
142.5°	951.5	951.7	952.0	952.3	952.5	952.8	952.9	953.0	953.0	953.1	952.6
145°	989.9	990.1	990.1	990.1	990.1	990.1	990.3	990.5	990.7	990.8	990.4
147.5°	1021.1	1021.2	1021.4	1021.7	1021.9	1022.1	1022.4	1022.6	1022.9	1023.0	1022.5
150°	1040.8	1040.8	1041.2	1041.6	1042.0	1042.3	1042.8	1043.1	1043.5	1043.9	1043.3
152.5°	1059.1	1058.9	1059.3	1059.7	1060.1	1060.4	1060.8	1061.2	1061.6	1062.0	1061.5
155°	1083.8	1083.5	1083.8	1084.3	1084.6	1085.0	1085.5	1086.2	1086.8	1087.4	1086.8
157.5°	1105.7	1105.4	1105.4	1105.4	1105.5	1105.5	1106.2	1106.8	1107.4	1108.0	1107.6
160°	1117.8	1117.3	1117.5	1117.8	1117.9	1118.1	1118.9	1119.6	1120.4	1121.2	1120.8
162.5°	1128.9	1128.4	1128.7	1128.9	1129.0	1129.2	1130.3	1131.4	1132.5	1133.6	1133.2
165°	1143.9	1143.4	1143.7	1143.8	1144.0	1144.2	1145.4	1146.5	1147.7	1148.8	1148.7
167.5°	1154.9	1154.4	1154.6	1154.8	1155.0	1155.2	1156.6	1158.0	1159.3	1160.8	1160.6
170°	1160.5	1160.0	1160.2	1160.4	1160.5	1160.8	1162.4	1163.9	1165.4	1167.0	1166.8
172.5°	1164.8	1164.2	1164.6	1164.9	1165.3	1165.6	1167.0	1168.5	1169.8	1171.2	1171.0
175°	1170.0	1169.6	1169.8	1169.9	1170.2	1170.4	1171.9	1173.5	1175.0	1176.6	1176.5
177.5°	1173.1	1172.7	1172.9	1173.0	1173.1	1173.3	1174.4	1175.4	1176.6	1177.7	1177.6
180°	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7



TEST NUMBER: P333648-935

CATALOG NUMBER: S125RDIW-S375D1050U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7
2.5°	464.3	462.5	462.0	462.7	462.0	462.5	464.3	464.4	464.6	465.9	464.1
5°	428.3	426.4	427.3	427.0	427.3	426.4	428.3	430.3	430.8	432.5	433.7
7.5°	396.7	394.3	391.7	392.4	391.7	394.3	396.7	396.7	399.8	402.2	403.7
10°	374.6	372.6	371.4	372.5	371.4	372.6	374.6	377.2	378.4	381.2	384.2
12.5°	356.0	354.8	353.8	353.4	353.8	354.8	356.0	358.8	361.5	364.8	368.1
15°	330.6	328.3	327.3	324.7	327.3	328.3	330.6	333.0	338.4	339.8	344.7
17.5°	307.3	306.5	303.9	302.8	303.9	306.5	307.3	309.4	311.8	316.9	320.6
20°	293.4	292.7	290.1	291.6	290.1	292.7	293.4	296.4	298.4	302.6	306.2
22.5°	282.0	280.3	279.4	279.0	279.4	280.3	282.0	283.4	286.0	289.9	293.9
25°	265.8	263.2	262.2	261.1	262.2	263.2	265.8	266.6	269.4	273.2	275.3
27.5°	249.6	248.2	246.9	246.6	246.9	248.2	249.6	250.7	253.2	256.5	260.5
30°	239.1	237.7	236.8	236.8	236.8	237.7	239.1	241.5	243.3	246.3	249.3
32.5°	229.7	228.7	227.6	227.5	227.6	228.7	229.7	231.0	233.2	236.4	239.5
35°	216.0	214.5	214.0	212.8	214.0	214.5	216.0	217.1	219.2	221.6	224.2
37.5°	201.8	200.5	200.5	200.4	200.5	200.5	201.8	203.6	205.4	207.6	210.8
40°	192.8	191.7	191.6	190.2	191.6	191.7	192.8	193.6	195.5	198.4	200.7
42.5°	183.0	182.5	181.8	181.2	181.8	182.5	183.0	184.7	186.3	188.3	191.3
45°	169.9	168.5	168.5	167.6	168.5	168.5	169.9	171.3	172.1	174.4	178.5
47.5°	156.3	155.2	155.3	154.3	155.3	155.2	156.3	156.7	158.0	160.3	162.6
50°	147.2	146.6	146.5	146.0	146.5	146.6	147.2	147.1	148.6	150.8	153.8
52.5°	138.2	137.8	138.6	137.8	138.6	137.8	138.2	138.6	139.7	141.1	144.0
55°	126.0	125.4	126.6	125.4	126.6	125.4	126.0	125.5	126.0	127.3	129.2
57.5°	111.9	111.3	112.4	111.8	112.4	111.3	111.9	111.9	113.1	113.4	114.9
60°	102.6	101.4	102.0	102.3	102.0	101.4	102.6	103.1	103.5	103.7	105.2
62.5°	91.7	90.9	91.4	90.5	91.4	90.9	91.7	92.6	93.4	94.5	95.4
65°	76.2	75.6	74.8	74.4	74.8	75.6	76.2	76.6	78.8	80.0	82.1
67.5°	64.1	62.6	62.5	62.9	62.5	62.6	64.1	64.0	65.5	66.5	67.9
70°	55.1	55.1	54.9	54.9	54.9	55.1	55.1	56.3	57.1	57.9	58.9
72.5°	48.9	48.7	48.4	48.2	48.4	48.7	48.9	49.3	49.8	50.5	51.6
75°	39.4	39.6	39.2	39.0	39.2	39.6	39.4	39.4	40.2	40.4	40.8
77.5°	29.1	28.2	28.7	28.2	28.7	28.2	29.1	29.9	30.1	31.0	31.1
80°	22.0	21.9	22.5	21.9	22.5	21.9	22.0	22.0	22.6	23.1	24.1
82.5°	17.5	17.3	17.6	17.1	17.6	17.3	17.5	17.3	17.6	18.2	18.0
85°	10.5	10.3	10.2	10.3	10.2	10.3	10.5	10.3	10.2	10.3	10.5
87.5°	7.5	7.5	7.6	7.7	7.6	7.5	7.5	7.2	7.2	7.1	6.8
90°	19.2	19.7	20.3	20.9	20.3	19.7	19.2	18.6	17.8	16.9	15.8
92.5°	18.7	18.9	19.2	19.5	19.2	18.9	18.7	18.4	17.8	16.9	15.8
95°	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	17.8	16.9	15.8
97.5°	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	21.0	26.4	31.9
100°	20.6	19.8	19.0	18.3	19.0	19.8	20.6	21.4	36.2	65.0	93.8
102.5°	149.0	135.9	122.7	109.5	122.7	135.9	149.0	162.2	171.5	176.9	182.4
105°	259.2	259.0	258.8	258.6	258.8	259.0	259.2	259.4	259.5	259.5	259.5
107.5°	327.8	327.2	326.6	326.1	326.6	327.2	327.8	328.4	328.6	328.6	328.6
110°	372.1	372.3	372.5	372.7	372.5	372.3	372.1	372.0	372.1	372.7	373.2



TEST NUMBER: P333648-935

CATALOG NUMBER: S125RDIW-S375D1050U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	415.3	415.0	414.7	414.5	414.7	415.0	415.3	415.6	416.1	416.8	417.6
115°	480.7	479.5	478.4	477.2	478.4	479.5	480.7	481.8	482.8	483.5	484.3
117.5°	545.6	545.1	544.6	544.1	544.6	545.1	545.6	546.0	546.8	547.9	548.9
120°	588.1	587.1	586.2	585.1	586.2	587.1	588.1	589.0	589.7	590.1	590.5
122.5°	627.6	626.5	625.3	624.2	625.3	626.5	627.6	628.7	629.4	629.8	630.2
125°	685.4	684.8	684.2	683.5	684.2	684.8	685.4	685.9	686.6	687.3	688.1
127.5°	737.9	736.4	734.9	733.6	734.9	736.4	737.9	739.3	740.2	740.6	741.1
130°	772.7	771.7	770.8	769.8	770.8	771.7	772.7	773.6	774.4	775.0	775.6
132.5°	806.2	805.1	804.2	803.2	804.2	805.1	806.2	807.1	807.6	807.7	807.9
135°	852.5	851.4	850.2	849.0	850.2	851.4	852.5	853.7	854.5	854.8	855.2
137.5°	898.0	897.0	896.0	895.0	896.0	897.0	898.0	899.1	899.5	899.4	899.3
140°	925.7	924.5	923.3	922.1	923.3	924.5	925.7	926.8	927.2	926.8	926.4
142.5°	951.4	950.3	949.1	948.0	949.1	950.3	951.4	952.6	953.1	953.0	953.0
145°	989.2	988.1	986.9	985.8	986.9	988.1	989.2	990.4	990.8	990.7	990.5
147.5°	1021.1	1019.7	1018.3	1016.9	1018.3	1019.7	1021.1	1022.5	1023.0	1022.9	1022.6
150°	1041.7	1040.2	1038.6	1037.1	1038.6	1040.2	1041.7	1043.3	1043.9	1043.5	1043.1
152.5°	1060.1	1058.7	1057.3	1055.9	1057.3	1058.7	1060.1	1061.5	1062.0	1061.6	1061.2
155°	1085.3	1083.7	1082.2	1080.6	1082.2	1083.7	1085.3	1086.8	1087.4	1086.8	1086.2
157.5°	1106.0	1104.5	1102.9	1101.4	1102.9	1104.5	1106.0	1107.6	1108.0	1107.4	1106.8
160°	1119.3	1117.8	1116.2	1114.7	1116.2	1117.8	1119.3	1120.8	1121.2	1120.4	1119.6
162.5°	1131.5	1129.9	1128.2	1126.4	1128.2	1129.9	1131.5	1133.2	1133.6	1132.5	1131.4
165°	1147.1	1145.6	1144.0	1142.5	1144.0	1145.6	1147.1	1148.7	1148.8	1147.7	1146.5
167.5°	1158.8	1157.1	1155.4	1153.7	1155.4	1157.1	1158.8	1160.6	1160.8	1159.3	1158.0
170°	1165.1	1163.4	1161.7	1159.9	1161.7	1163.4	1165.1	1166.8	1167.0	1165.4	1163.9
172.5°	1169.3	1167.5	1165.8	1164.1	1165.8	1167.5	1169.3	1171.0	1171.2	1169.8	1168.5
175°	1174.7	1172.9	1171.2	1169.5	1171.2	1172.9	1174.7	1176.5	1176.6	1175.0	1173.5
177.5°	1176.3	1175.1	1173.9	1172.6	1173.9	1175.1	1176.3	1177.6	1177.7	1176.6	1175.4
180°	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7



TEST NUMBER: P333648-935

CATALOG NUMBER: S125RDIW-S375D1050U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7
2.5°	464.6	466.3	467.3	469.5	472.7	474.3	476.5	478.1	480.4	483.0	485.3
5°	434.5	439.3	442.5	447.5	452.0	456.6	462.4	466.5	472.1	478.5	483.5
7.5°	406.6	412.5	417.8	424.4	432.0	437.8	445.4	453.1	461.8	470.8	479.3
10°	388.7	394.7	401.3	409.4	417.0	425.0	433.9	442.9	453.8	463.9	475.4
12.5°	371.1	377.7	385.0	394.2	403.3	413.5	422.6	432.7	444.4	457.6	469.9
15°	349.1	355.5	363.5	371.3	381.8	393.0	405.0	418.4	431.5	446.3	461.6
17.5°	325.6	332.6	341.4	350.4	361.4	374.5	386.4	401.1	415.8	432.9	451.0
20°	310.4	317.5	327.9	337.8	347.9	360.7	374.8	389.8	405.4	423.5	443.7
22.5°	298.3	303.3	313.6	323.6	335.5	348.6	362.4	378.0	395.1	413.9	434.9
25°	280.3	286.3	293.7	304.2	316.5	330.3	344.1	360.7	379.4	398.5	420.9
27.5°	264.3	269.2	276.6	284.8	297.1	311.3	326.1	343.4	362.6	382.0	405.6
30°	253.0	258.5	265.4	274.1	283.9	299.5	314.5	331.5	350.9	371.0	395.3
32.5°	243.2	248.7	254.8	263.0	273.5	287.3	302.9	319.5	339.3	360.1	383.7
35°	229.4	233.2	238.8	246.9	257.3	268.4	284.3	301.8	321.1	342.6	366.3
37.5°	213.5	218.4	223.9	231.1	240.1	252.2	267.0	284.7	302.6	323.1	344.7
40°	204.3	208.9	215.1	220.2	229.8	240.7	254.3	272.8	290.7	310.0	329.7
42.5°	194.9	199.3	204.6	211.0	219.6	230.2	242.8	260.0	279.2	297.4	313.9
45°	180.2	184.9	189.8	195.8	203.7	214.0	226.6	242.3	259.0	275.8	288.3
47.5°	166.2	170.5	175.2	181.3	188.6	198.6	209.8	223.8	240.0	254.2	263.1
50°	156.2	160.1	165.3	171.3	178.5	187.8	198.5	212.2	225.8	238.8	246.9
52.5°	146.3	150.8	155.9	161.1	168.0	177.3	187.3	199.1	212.0	222.5	229.2
55°	131.5	135.7	140.4	145.9	152.6	160.6	171.1	180.5	190.6	199.6	203.5
57.5°	117.2	120.9	125.4	131.0	137.1	144.5	152.8	161.8	168.9	175.3	179.8
60°	107.8	111.0	115.2	119.9	126.6	133.3	140.9	149.2	154.8	160.1	164.4
62.5°	98.2	101.3	105.3	109.6	115.4	121.7	128.9	135.7	141.1	144.7	149.6
65°	83.9	87.0	90.3	94.9	99.4	104.6	111.2	116.1	119.9	124.0	126.9
67.5°	70.6	73.1	76.3	79.9	83.8	88.8	93.8	98.0	100.6	103.0	106.5
70°	61.9	63.9	66.5	69.2	73.4	78.4	82.4	85.6	87.3	89.7	94.1
72.5°	53.0	55.3	57.7	60.4	63.9	68.0	71.5	74.7	75.9	77.7	80.6
75°	41.8	43.0	44.9	46.9	49.3	53.0	56.3	57.1	58.1	59.7	61.6
77.5°	31.6	32.6	33.5	34.8	36.7	39.5	41.3	42.5	42.8	43.4	45.3
80°	25.1	25.7	26.4	27.5	28.2	30.7	31.6	32.8	33.2	33.8	34.8
82.5°	18.4	18.9	19.5	20.3	21.5	22.6	23.5	24.7	24.8	25.2	25.4
85°	10.8	10.9	10.5	10.9	11.1	11.5	12.6	13.5	13.3	13.2	13.7
87.5°	6.8	6.6	6.2	6.4	5.8	5.7	5.4	5.3	5.3	5.3	5.3
90°	14.9	13.9	12.6	11.2	9.9	8.5	7.1	5.5	4.0	2.4	0.9
92.5°	14.9	13.9	12.7	11.5	10.3	9.1	9.0	10.2	11.3	12.3	13.4
95°	14.9	13.9	21.3	28.7	36.0	43.3	47.4	47.9	48.5	49.1	49.6
97.5°	37.4	42.9	57.4	72.0	86.5	101.1	107.8	106.8	105.7	104.7	103.7
100°	122.7	151.5	150.8	150.0	149.2	148.4	147.7	147.1	146.5	146.0	145.4
102.5°	187.9	193.3	192.9	192.3	191.9	191.5	190.9	190.1	189.4	188.6	188.0
105°	259.5	259.5	259.5	259.5	259.5	259.5	259.1	258.3	257.5	256.8	256.0
107.5°	328.5	328.5	328.0	327.7	327.3	326.9	326.7	326.7	326.7	326.7	326.7
110°	373.8	374.4	374.0	373.7	373.2	372.9	372.7	372.7	372.7	372.7	372.7



TEST NUMBER: P333648-935

CATALOG NUMBER: S125RDIW-S375D1050U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	418.3	419.0	418.8	418.5	418.4	418.1	417.8	417.2	416.8	416.4	415.9
115°	485.1	485.9	485.7	485.5	485.3	485.1	484.6	483.5	482.6	481.6	480.7
117.5°	549.8	550.9	550.1	549.4	548.6	547.9	547.6	547.6	547.7	547.7	547.8
120°	590.9	591.2	590.6	590.1	589.5	588.9	588.8	588.9	589.1	589.4	589.5
122.5°	630.6	630.9	630.7	630.4	630.2	629.9	629.4	628.6	627.9	627.2	626.5
125°	688.9	689.7	689.7	689.7	689.7	689.7	689.0	687.6	686.3	684.9	683.5
127.5°	741.5	741.9	742.0	742.2	742.3	742.4	741.9	741.0	740.0	739.1	738.0
130°	776.2	776.7	776.5	776.4	776.2	775.9	775.4	774.4	773.4	772.5	771.5
132.5°	808.0	808.1	808.5	808.9	809.3	809.8	809.4	808.3	807.2	806.1	804.9
135°	855.6	856.0	856.4	856.8	857.1	857.6	857.1	856.0	854.8	853.7	852.5
137.5°	899.2	899.1	899.5	899.9	900.3	900.6	900.3	899.2	898.2	897.2	896.2
140°	926.0	925.7	925.8	926.0	926.3	926.4	926.3	925.9	925.6	925.1	924.8
142.5°	952.9	952.8	952.5	952.3	952.0	951.7	951.5	951.2	951.1	950.8	950.5
145°	990.3	990.1	990.1	990.1	990.1	990.1	989.9	989.5	989.1	988.8	988.3
147.5°	1022.4	1022.1	1021.9	1021.7	1021.4	1021.2	1021.1	1021.2	1021.3	1021.4	1021.4
150°	1042.8	1042.3	1042.0	1041.6	1041.2	1040.8	1040.8	1041.2	1041.6	1042.0	1042.3
152.5°	1060.8	1060.4	1060.1	1059.7	1059.3	1058.9	1059.1	1060.0	1060.8	1061.7	1062.6
155°	1085.5	1085.0	1084.6	1084.3	1083.8	1083.5	1083.8	1085.0	1086.2	1087.4	1088.5
157.5°	1106.2	1105.5	1105.5	1105.4	1105.4	1105.4	1105.7	1106.5	1107.2	1107.8	1108.5
160°	1118.9	1118.1	1117.9	1117.8	1117.5	1117.3	1117.8	1119.0	1120.2	1121.3	1122.5
162.5°	1130.3	1129.2	1129.0	1128.9	1128.7	1128.4	1128.9	1130.1	1131.3	1132.5	1133.6
165°	1145.4	1144.2	1144.0	1143.8	1143.7	1143.4	1143.9	1145.1	1146.2	1147.5	1148.6
167.5°	1156.6	1155.2	1155.0	1154.8	1154.6	1154.4	1154.9	1156.2	1157.4	1158.6	1159.7
170°	1162.4	1160.8	1160.5	1160.4	1160.2	1160.0	1160.5	1161.9	1163.3	1164.7	1166.0
172.5°	1167.0	1165.6	1165.3	1164.9	1164.6	1164.2	1164.8	1166.1	1167.4	1168.8	1170.2
175°	1171.9	1170.4	1170.2	1169.9	1169.8	1169.6	1170.0	1171.2	1172.3	1173.5	1174.7
177.5°	1174.4	1173.3	1173.1	1173.0	1172.9	1172.7	1173.1	1174.0	1174.9	1175.9	1176.8
180°	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7



TEST NUMBER: P333648-935

CATALOG NUMBER: S125RDIW-S375D1050U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7	484.7
2.5°	487.0	488.4	490.5	492.9	494.8	496.9	498.0	498.0	498.9	501.0	503.8
5°	488.4	493.6	498.5	504.9	509.9	515.7	520.0	524.3	528.0	532.8	537.8
7.5°	488.0	496.6	505.6	515.6	526.7	535.5	544.5	551.6	558.5	567.7	574.9
10°	486.5	497.6	509.7	522.5	536.4	548.5	559.5	569.4	578.9	588.9	597.9
12.5°	483.5	497.7	512.6	527.9	545.4	559.3	573.4	584.0	595.2	606.1	617.1
15°	479.2	495.9	513.8	535.2	556.6	572.1	586.1	599.9	610.2	622.5	633.1
17.5°	470.4	491.9	514.4	537.7	558.4	576.4	591.0	604.1	615.1	628.6	643.0
20°	465.1	488.4	511.9	536.7	556.5	575.0	589.1	602.6	616.3	634.0	651.5
22.5°	457.8	482.7	507.6	531.2	552.0	569.9	584.4	601.0	619.1	639.1	660.3
25°	446.3	471.9	496.5	519.0	539.3	557.7	577.6	599.9	621.7	648.2	678.6
27.5°	431.5	456.3	478.3	502.0	522.2	545.5	570.3	594.5	626.0	662.5	700.4
30°	420.6	444.0	464.9	487.4	510.3	536.0	563.8	592.3	629.9	672.6	717.8
32.5°	407.9	429.1	449.8	471.5	497.9	526.1	555.7	590.5	635.4	684.1	730.8
35°	385.7	404.8	425.0	449.0	477.1	507.7	545.5	587.9	642.2	694.5	736.5
37.5°	362.6	377.7	397.9	423.3	453.8	489.2	532.2	583.7	639.4	686.4	704.2
40°	344.7	358.9	380.2	406.8	437.1	475.9	524.0	577.0	633.1	665.6	664.3
42.5°	327.1	341.4	361.9	388.7	420.3	463.6	513.2	568.2	615.5	627.9	602.1
45°	300.0	313.3	333.5	360.5	394.3	439.9	492.0	544.8	575.0	554.8	503.5
47.5°	272.4	285.3	304.0	330.5	367.4	415.1	464.4	507.6	511.9	468.7	407.2
50°	254.3	266.4	284.1	312.4	348.2	394.7	442.3	476.3	465.7	413.0	349.6
52.5°	236.6	248.2	264.8	291.5	328.1	373.7	416.1	442.9	418.4	362.4	305.3
55°	210.5	221.6	238.3	262.8	296.0	337.8	375.1	384.8	349.0	292.5	246.3
57.5°	185.7	193.9	210.3	232.0	264.1	300.9	327.5	325.8	286.3	235.4	202.2
60°	169.3	176.7	192.3	212.2	242.7	275.8	294.5	286.5	246.5	204.5	172.7
62.5°	154.0	160.9	174.1	192.3	218.5	247.3	260.9	249.9	212.2	175.2	149.9
65°	130.9	135.9	146.5	163.3	183.8	203.7	215.9	199.8	166.3	138.4	119.3
67.5°	109.3	113.6	123.0	135.1	149.2	163.0	167.9	152.8	126.8	108.1	94.5
70°	95.3	99.3	105.6	117.0	126.3	136.0	138.4	124.9	103.2	88.9	80.6
72.5°	82.0	85.6	91.2	99.2	105.6	111.2	112.4	99.8	83.2	73.4	66.9
75°	62.5	65.7	69.2	72.2	76.4	77.4	77.0	67.2	58.3	51.7	48.1
77.5°	45.9	47.3	49.4	50.6	50.8	50.7	48.7	42.5	37.9	35.2	33.8
80°	35.4	36.4	37.0	37.4	37.6	35.6	33.4	29.6	28.1	26.4	24.7
82.5°	25.7	26.3	26.9	27.0	26.0	24.3	22.3	20.4	19.3	18.5	17.8
85°	13.9	14.1	13.9	12.9	11.5	10.9	10.5	10.2	10.0	9.7	9.7
87.5°	5.4	5.3	4.7	5.3	5.5	5.6	5.9	6.0	6.1	6.3	6.5
90°	2.4	4.0	5.5	7.1	8.5	9.9	11.2	12.6	13.9	14.9	15.8
92.5°	12.3	11.3	10.2	9.0	9.1	10.3	11.5	12.7	13.9	14.9	15.8
95°	49.1	48.5	47.9	47.4	43.3	36.0	28.7	21.3	13.9	14.9	15.8
97.5°	104.7	105.7	106.8	107.8	101.1	86.5	72.0	57.4	42.9	37.4	31.9
100°	146.0	146.5	147.1	147.7	148.4	149.2	150.0	150.8	151.5	122.7	93.8
102.5°	188.6	189.4	190.1	190.9	191.5	191.9	192.3	192.9	193.3	187.9	182.4
105°	256.8	257.5	258.3	259.1	259.5	259.5	259.5	259.5	259.5	259.5	259.5
107.5°	326.7	326.7	326.7	326.7	326.9	327.3	327.7	328.0	328.5	328.5	328.6
110°	372.7	372.7	372.7	372.7	372.9	373.2	373.7	374.0	374.4	373.8	373.2



TEST NUMBER: P333648-935

CATALOG NUMBER: S125RDIW-S375D1050U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	416.4	416.8	417.2	417.8	418.1	418.4	418.5	418.8	419.0	418.3	417.6
115°	481.6	482.6	483.5	484.6	485.1	485.3	485.5	485.7	485.9	485.1	484.3
117.5°	547.7	547.7	547.6	547.6	547.9	548.6	549.4	550.1	550.9	549.8	548.9
120°	589.4	589.1	588.9	588.8	588.9	589.5	590.1	590.6	591.2	590.9	590.5
122.5°	627.2	627.9	628.6	629.4	629.9	630.2	630.4	630.7	630.9	630.6	630.2
125°	684.9	686.3	687.6	689.0	689.7	689.7	689.7	689.7	689.7	688.9	688.1
127.5°	739.1	740.0	741.0	741.9	742.4	742.3	742.2	742.0	741.9	741.5	741.1
130°	772.5	773.4	774.4	775.4	775.9	776.2	776.4	776.5	776.7	776.2	775.6
132.5°	806.1	807.2	808.3	809.4	809.8	809.3	808.9	808.5	808.1	808.0	807.9
135°	853.7	854.8	856.0	857.1	857.6	857.1	856.8	856.4	856.0	855.6	855.2
137.5°	897.2	898.2	899.2	900.3	900.6	900.3	899.9	899.5	899.1	899.2	899.3
140°	925.1	925.6	925.9	926.3	926.4	926.3	926.0	925.8	925.7	926.0	926.4
142.5°	950.8	951.1	951.2	951.5	951.7	952.0	952.3	952.5	952.8	952.9	953.0
145°	988.8	989.1	989.5	989.9	990.1	990.1	990.1	990.1	990.1	990.3	990.5
147.5°	1021.4	1021.3	1021.2	1021.1	1021.2	1021.4	1021.7	1021.9	1022.1	1022.4	1022.6
150°	1042.0	1041.6	1041.2	1040.8	1040.8	1041.2	1041.6	1042.0	1042.3	1042.8	1043.1
152.5°	1061.7	1060.8	1060.0	1059.1	1058.9	1059.3	1059.7	1060.1	1060.4	1060.8	1061.2
155°	1087.4	1086.2	1085.0	1083.8	1083.5	1083.8	1084.3	1084.6	1085.0	1085.5	1086.2
157.5°	1107.8	1107.2	1106.5	1105.7	1105.4	1105.4	1105.4	1105.5	1105.5	1106.2	1106.8
160°	1121.3	1120.2	1119.0	1117.8	1117.3	1117.5	1117.8	1117.9	1118.1	1118.9	1119.6
162.5°	1132.5	1131.3	1130.1	1128.9	1128.4	1128.7	1128.9	1129.0	1129.2	1130.3	1131.4
165°	1147.5	1146.2	1145.1	1143.9	1143.4	1143.7	1143.8	1144.0	1144.2	1145.4	1146.5
167.5°	1158.6	1157.4	1156.2	1154.9	1154.4	1154.6	1154.8	1155.0	1155.2	1156.6	1158.0
170°	1164.7	1163.3	1161.9	1160.5	1160.0	1160.2	1160.4	1160.5	1160.8	1162.4	1163.9
172.5°	1168.8	1167.4	1166.1	1164.8	1164.2	1164.6	1164.9	1165.3	1165.6	1167.0	1168.5
175°	1173.5	1172.3	1171.2	1170.0	1169.6	1169.8	1169.9	1170.2	1170.4	1171.9	1173.5
177.5°	1175.9	1174.9	1174.0	1173.1	1172.7	1172.9	1173.0	1173.1	1173.3	1174.4	1175.4
180°	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7



TEST NUMBER: P333648-935

CATALOG NUMBER: S125RDIW-S375D1050U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	484.7	484.7	484.7	484.7	484.7	484.7	484.7
2.5°	505.8	505.8	508.5	508.3	510.1	509.5	509.8
5°	543.7	547.1	550.1	552.1	555.1	555.9	555.4
7.5°	583.1	590.6	594.2	599.3	600.1	602.8	602.5
10°	607.3	614.8	620.4	624.7	626.9	629.6	629.9
12.5°	626.5	632.7	637.7	641.7	644.4	645.2	645.8
15°	641.4	648.3	654.1	659.9	663.3	665.9	667.3
17.5°	656.4	667.2	677.3	685.2	689.9	693.9	693.9
20°	668.0	680.4	693.1	702.1	711.3	715.2	715.8
22.5°	680.4	699.3	715.7	729.6	741.7	745.8	747.3
25°	706.3	730.9	756.2	775.7	789.6	797.8	799.0
27.5°	737.4	770.8	797.4	815.4	826.9	833.0	834.3
30°	759.4	790.2	814.1	827.6	833.0	833.8	830.8
32.5°	769.2	792.3	801.8	801.1	790.5	783.5	780.8
35°	757.2	752.4	729.2	701.3	680.0	666.5	662.9
37.5°	689.1	647.9	605.1	563.0	540.6	529.2	509.6
40°	621.9	563.2	518.7	483.3	458.0	437.6	432.9
42.5°	546.1	485.5	441.0	410.7	390.5	376.6	370.5
45°	438.9	386.8	349.9	326.7	311.2	301.0	296.4
47.5°	351.0	310.6	283.9	266.7	254.8	246.0	243.5
50°	302.8	270.5	247.9	233.3	224.4	217.7	214.9
52.5°	263.0	236.9	219.6	207.6	199.1	194.9	192.6
55°	217.1	194.6	182.0	172.5	167.7	164.4	162.7
57.5°	177.5	161.3	152.1	145.5	141.1	139.0	138.2
60°	155.4	142.7	134.3	129.2	126.1	123.4	122.5
62.5°	135.8	125.8	119.3	114.8	111.8	110.6	110.1
65°	109.4	102.9	98.1	95.3	92.9	92.5	92.3
67.5°	87.0	83.1	80.6	77.7	76.9	75.5	75.2
70°	74.4	71.8	68.8	67.8	66.8	65.4	65.7
72.5°	63.1	60.5	58.5	57.2	56.8	56.2	56.7
75°	46.1	45.4	44.6	43.6	43.1	43.1	43.0
77.5°	33.0	32.3	31.4	30.8	30.7	29.9	30.1
80°	23.8	22.9	22.5	22.6	22.0	21.9	21.9
82.5°	17.7	17.3	16.9	17.0	16.8	16.6	16.8
85°	9.7	9.6	9.6	9.4	9.4	9.1	9.1
87.5°	6.9	7.2	7.1	7.0	7.1	7.4	7.7
90°	16.9	17.8	18.6	19.2	19.7	20.3	20.9
92.5°	16.9	17.8	18.4	18.7	18.9	19.2	19.5
95°	16.9	17.8	18.3	18.3	18.3	18.3	18.3
97.5°	26.4	21.0	18.3	18.3	18.3	18.3	18.3
100°	65.0	36.2	21.4	20.6	19.8	19.0	18.3
102.5°	176.9	171.5	162.2	149.0	135.9	122.7	109.5
105°	259.5	259.5	259.4	259.2	259.0	258.8	258.6
107.5°	328.6	328.6	328.4	327.8	327.2	326.6	326.1
110°	372.7	372.1	372.0	372.1	372.3	372.5	372.7



TEST NUMBER: P333648-935

CATALOG NUMBER: S125RDIW-S375D1050U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	416.8	416.1	415.6	415.3	415.0	414.7	414.5
115°	483.5	482.8	481.8	480.7	479.5	478.4	477.2
117.5°	547.9	546.8	546.0	545.6	545.1	544.6	544.1
120°	590.1	589.7	589.0	588.1	587.1	586.2	585.1
122.5°	629.8	629.4	628.7	627.6	626.5	625.3	624.2
125°	687.3	686.6	685.9	685.4	684.8	684.2	683.5
127.5°	740.6	740.2	739.3	737.9	736.4	734.9	733.6
130°	775.0	774.4	773.6	772.7	771.7	770.8	769.8
132.5°	807.7	807.6	807.1	806.2	805.1	804.2	803.2
135°	854.8	854.5	853.7	852.5	851.4	850.2	849.0
137.5°	899.4	899.5	899.1	898.0	897.0	896.0	895.0
140°	926.8	927.2	926.8	925.7	924.5	923.3	922.1
142.5°	953.0	953.1	952.6	951.4	950.3	949.1	948.0
145°	990.7	990.8	990.4	989.2	988.1	986.9	985.8
147.5°	1022.9	1023.0	1022.5	1021.1	1019.7	1018.3	1016.9
150°	1043.5	1043.9	1043.3	1041.7	1040.2	1038.6	1037.1
152.5°	1061.6	1062.0	1061.5	1060.1	1058.7	1057.3	1055.9
155°	1086.8	1087.4	1086.8	1085.3	1083.7	1082.2	1080.6
157.5°	1107.4	1108.0	1107.6	1106.0	1104.5	1102.9	1101.4
160°	1120.4	1121.2	1120.8	1119.3	1117.8	1116.2	1114.7
162.5°	1132.5	1133.6	1133.2	1131.5	1129.9	1128.2	1126.4
165°	1147.7	1148.8	1148.7	1147.1	1145.6	1144.0	1142.5
167.5°	1159.3	1160.8	1160.6	1158.8	1157.1	1155.4	1153.7
170°	1165.4	1167.0	1166.8	1165.1	1163.4	1161.7	1159.9
172.5°	1169.8	1171.2	1171.0	1169.3	1167.5	1165.8	1164.1
175°	1175.0	1176.6	1176.5	1174.7	1172.9	1171.2	1169.5
177.5°	1176.6	1177.7	1177.6	1176.3	1175.1	1173.9	1172.6
180°	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7	1174.7

(END OF REPORT)