

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: P333648-940

Luminaire Tested: **S125RDIW-S375D1050U940-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333648-940
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-S375D1050U940-4F0-1E-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: 5038.9 lumens
Efficiency: N/A
Efficacy: 132.6 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

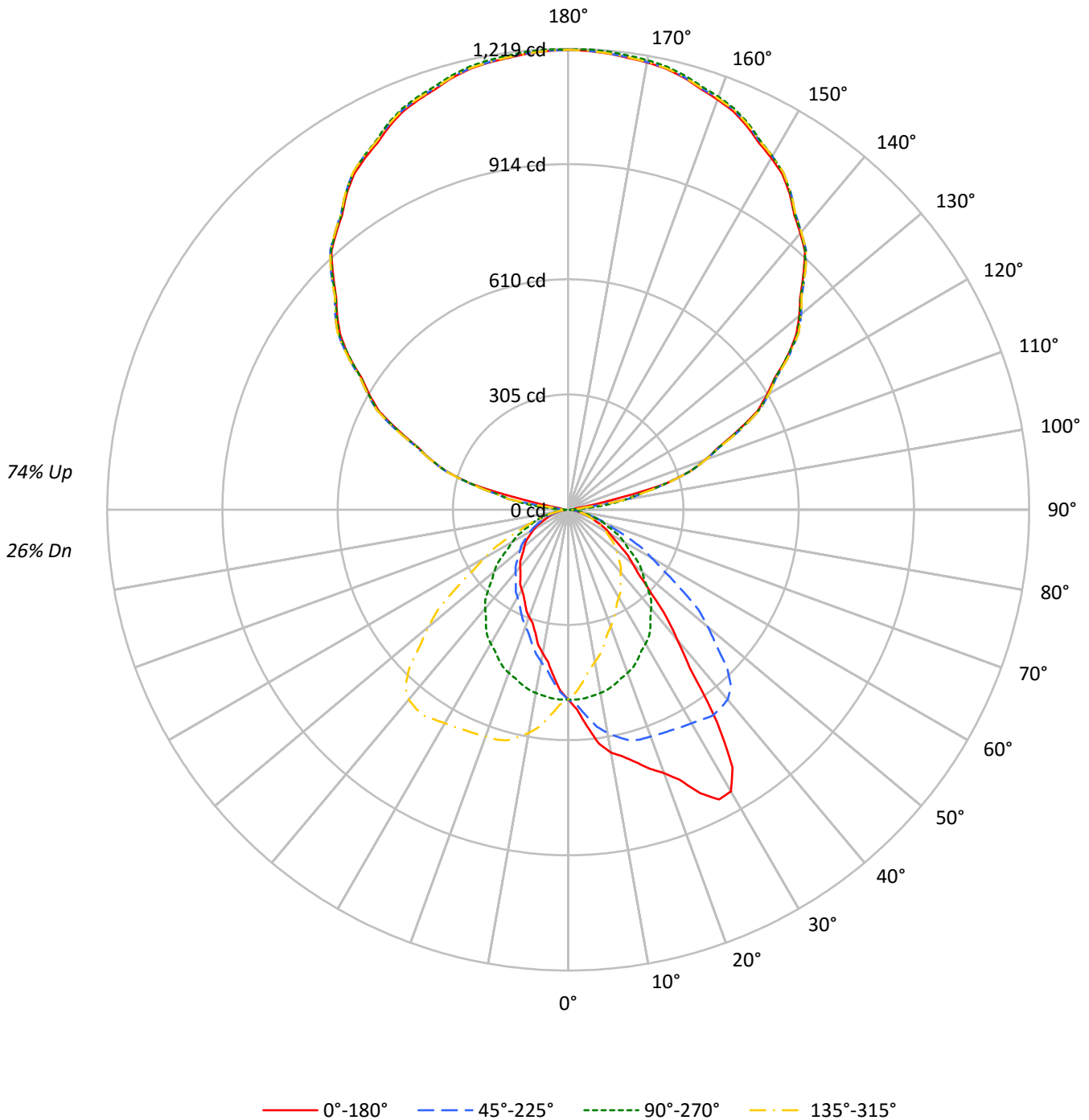
Input Watts (W): 38
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333648-940

CATALOG NUMBER: S125RDIW-S375D1050U940-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P333648-940

CATALOG NUMBER: S125RDIW-S375D1050U940-4F0-1E-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	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°	3241	3241	3241	3241
5°	3729	3246	2867	3246
10°	4278	3229	2530	3229
15°	4621	3196	2249	3196
20°	5096	3158	2076	3158
25°	5897	3107	1927	3107
30°	6416	3053	1829	3053
35°	5412	2990	1738	2990
40°	3780	2878	1661	2878
45°	2804	2726	1585	2726
50°	2237	2569	1519	2569
55°	1897	2374	1462	2374
60°	1639	2198	1368	2198
65°	1461	2008	1177	2008
70°	1284	1841	1074	1841
75°	1110	1592	1008	1592
80°	841	1339	841	1339
85°	704	1052	793	1052



TEST NUMBER: P333648-940

CATALOG NUMBER: S125RDIW-S375D1050U940-4F0-1E-UDD-A

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.1	1.0
10°-20°	141.1	2.8
20°-30°	223.6	4.4
30°-40°	269.7	5.4
40°-50°	240.9	4.8
50°-60°	184.7	3.7
60°-70°	120.0	2.4
70°-80°	58.3	1.2
80°-90°	16.5	0.3
90°-100°	44.2	0.9
100°-110°	272.5	5.4
110°-120°	494.2	9.8
120°-130°	634.2	12.6
130°-140°	682.1	13.5
140°-150°	640.3	12.7
150°-160°	517.9	10.3
160°-170°	335.0	6.6
170°-180°	115.5	2.3
0°-30°	412.8	8.2
0°-40°	682.5	13.5
0°-60°	1108.1	22.0
0°-90°	1302.9	25.9
90°-120°	810.9	16.1
90°-150°	2767.5	54.9
90°-180°	3736.0	74.1
0°-180°	5038.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	502	502	502	502	502	
5°	575	501	442	501	575	57
15°	691	478	336	478	691	198
25°	828	436	270	436	828	380
35°	686	379	220	379	686	415
45°	307	298	174	298	307	245
55°	168	211	130	211	168	153
65°	96	131	77	131	96	95
75°	44	64	40	64	44	47
85°	10	14	11	14	10	11
90°	22	1	22	1	22	10
95°	19	51	19	51	19	16
105°	268	265	268	265	268	242
115°	494	498	494	498	494	491
125°	708	708	708	708	708	630
135°	879	883	879	883	879	679
145°	1021	1024	1021	1024	1021	638
155°	1119	1127	1119	1127	1119	516
165°	1183	1190	1183	1190	1183	334
175°	1211	1217	1211	1217	1211	115
180°	1217	1217	1217	1217	1217	



TEST NUMBER: P333648-940

CATALOG NUMBER: S125RDIW-S375D1050U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	528.0	527.6	528.3	526.5	526.6	523.9	523.9	521.7	518.9	516.7	515.8
5°	575.2	575.7	574.9	571.8	569.7	566.6	563.1	557.0	551.8	546.8	543.0
7.5°	624.0	624.3	621.5	620.6	615.4	611.6	603.9	595.4	588.0	578.5	571.2
10°	652.4	652.1	649.3	646.9	642.5	636.7	629.0	619.2	609.9	599.6	589.7
12.5°	668.8	668.2	667.4	664.6	660.4	655.3	648.8	639.1	627.7	616.4	604.8
15°	691.1	689.6	687.0	683.4	677.4	671.5	664.3	655.7	644.7	632.0	621.3
17.5°	718.6	718.6	714.5	709.6	701.5	691.0	679.8	665.9	651.0	637.0	625.6
20°	741.4	740.7	736.6	727.1	717.8	704.6	691.9	674.8	656.7	638.3	624.1
22.5°	774.0	772.4	768.1	755.6	741.3	724.2	704.7	683.9	661.9	641.1	622.4
25°	827.5	826.3	817.8	803.3	783.2	757.0	731.5	702.8	671.3	643.9	621.3
27.5°	864.1	862.7	856.4	844.5	825.8	798.3	763.8	725.4	686.1	648.4	615.7
30°	860.4	863.5	862.7	857.1	843.1	818.4	786.5	743.4	696.6	652.4	613.4
32.5°	808.7	811.5	818.7	829.6	830.5	820.6	796.7	756.9	708.5	658.1	611.5
35°	686.5	690.3	704.3	726.3	755.2	779.3	784.2	762.8	719.3	665.1	608.9
37.5°	527.8	548.0	559.9	583.1	626.7	671.0	713.6	729.3	710.9	662.2	604.5
40°	448.4	453.3	474.3	500.5	537.2	583.3	644.1	688.0	689.4	655.7	597.5
42.5°	383.7	390.0	404.4	425.3	456.7	502.8	565.6	623.6	650.3	637.5	588.4
45°	307.0	311.7	322.3	338.3	362.4	400.6	454.5	521.5	574.6	595.5	564.2
47.5°	252.2	254.8	263.9	276.2	294.0	321.7	363.6	421.7	485.4	530.1	525.8
50°	222.6	225.4	232.4	241.7	256.7	280.2	313.6	362.0	427.8	482.3	493.3
52.5°	199.5	201.9	206.3	215.0	227.4	245.4	272.4	316.2	375.3	433.4	458.7
55°	168.5	170.2	173.7	178.6	188.5	201.5	224.8	255.1	302.9	361.4	398.5
57.5°	143.1	143.9	146.2	150.7	157.6	167.0	183.9	209.5	243.8	296.5	337.4
60°	126.9	127.8	130.6	133.8	139.1	147.8	161.0	178.9	211.8	255.3	296.7
62.5°	114.0	114.6	115.8	118.9	123.6	130.3	140.6	155.2	181.5	219.7	258.8
65°	95.6	95.8	96.2	98.7	101.6	106.6	113.3	123.6	143.4	172.3	206.9
67.5°	77.8	78.2	79.6	80.5	83.5	86.1	90.1	97.9	111.9	131.3	158.3
70°	68.0	67.8	69.2	70.3	71.2	74.4	77.0	83.5	92.1	106.9	129.4
72.5°	58.8	58.2	58.9	59.2	60.5	62.7	65.4	69.3	76.0	86.1	103.3
75°	44.5	44.7	44.7	45.1	46.2	47.0	47.8	49.8	53.6	60.4	69.6
77.5°	31.2	30.9	31.7	31.9	32.5	33.4	34.2	35.0	36.5	39.2	44.1
80°	22.6	22.6	22.8	23.5	23.3	23.7	24.7	25.6	27.4	29.1	30.7
82.5°	17.4	17.2	17.4	17.6	17.5	17.9	18.3	18.5	19.2	20.0	21.1
85°	9.5	9.5	9.7	9.7	9.9	9.9	10.1	10.1	10.1	10.3	10.5
87.5°	7.9	7.7	7.4	7.2	7.3	7.5	7.1	6.8	6.5	6.3	6.2
90°	21.7	21.0	20.4	19.9	19.3	18.5	17.5	16.4	15.4	14.4	13.0
92.5°	20.2	19.9	19.6	19.4	19.1	18.5	17.5	16.4	15.4	14.4	13.2
95°	18.9	18.9	18.9	18.9	18.9	18.5	17.5	16.4	15.4	14.4	22.0
97.5°	18.9	18.9	18.9	18.9	18.9	21.8	27.4	33.1	38.7	44.4	59.5
100°	18.9	19.7	20.5	21.3	22.1	37.5	67.3	97.2	127.1	156.9	156.1
102.5°	113.4	127.1	140.7	154.4	168.0	177.6	183.2	188.9	194.6	200.2	199.7
105°	267.9	268.0	268.2	268.5	268.7	268.8	268.8	268.8	268.8	268.8	268.8
107.5°	337.7	338.2	338.9	339.5	340.1	340.4	340.3	340.3	340.2	340.2	339.7
110°	386.0	385.8	385.6	385.4	385.2	385.4	386.0	386.6	387.2	387.8	387.4



TEST NUMBER: P333648-940

CATALOG NUMBER: S125RDIW-S375D1050U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	429.3	429.5	429.8	430.2	430.4	431.0	431.7	432.5	433.2	434.0	433.7
115°	494.2	495.4	496.6	497.8	499.0	500.0	500.8	501.6	502.4	503.2	503.0
117.5°	563.5	564.0	564.5	565.1	565.5	566.3	567.4	568.5	569.4	570.5	569.7
120°	606.0	607.1	608.1	609.0	610.0	610.7	611.2	611.5	612.0	612.3	611.7
122.5°	646.5	647.6	648.8	650.0	651.1	651.8	652.3	652.6	653.1	653.4	653.2
125°	707.9	708.6	709.2	709.8	710.3	711.1	711.9	712.7	713.5	714.3	714.3
127.5°	759.7	761.2	762.7	764.2	765.6	766.6	767.0	767.5	767.9	768.4	768.5
130°	797.3	798.3	799.2	800.2	801.2	802.0	802.6	803.3	803.9	804.4	804.2
132.5°	831.9	832.9	833.8	834.9	835.9	836.4	836.5	836.7	836.8	837.0	837.3
135°	879.3	880.5	881.7	882.9	884.1	884.9	885.3	885.7	886.1	886.5	886.9
137.5°	926.9	928.0	929.0	930.1	931.1	931.6	931.5	931.4	931.3	931.2	931.6
140°	955.0	956.3	957.4	958.7	959.8	960.3	959.8	959.5	959.0	958.7	958.9
142.5°	981.8	982.9	984.2	985.3	986.6	987.1	987.0	986.9	986.9	986.8	986.5
145°	1020.9	1022.1	1023.3	1024.5	1025.7	1026.2	1026.0	1025.8	1025.6	1025.4	1025.4
147.5°	1053.2	1054.6	1056.1	1057.5	1059.0	1059.5	1059.4	1059.1	1058.8	1058.5	1058.4
150°	1074.1	1075.7	1077.3	1078.9	1080.5	1081.1	1080.8	1080.3	1080.0	1079.5	1079.1
152.5°	1093.6	1095.0	1096.4	1097.9	1099.4	1099.8	1099.5	1099.0	1098.7	1098.2	1097.9
155°	1119.2	1120.8	1122.4	1124.0	1125.6	1126.1	1125.5	1124.9	1124.3	1123.7	1123.3
157.5°	1140.7	1142.3	1143.9	1145.5	1147.1	1147.5	1146.9	1146.3	1145.7	1145.0	1145.0
160°	1154.4	1156.0	1157.6	1159.2	1160.7	1161.2	1160.4	1159.6	1158.8	1158.0	1157.8
162.5°	1166.6	1168.4	1170.2	1171.9	1173.7	1174.0	1172.9	1171.8	1170.6	1169.5	1169.3
165°	1183.2	1184.8	1186.4	1188.0	1189.6	1189.8	1188.7	1187.4	1186.2	1185.0	1184.8
167.5°	1194.8	1196.6	1198.4	1200.2	1202.0	1202.2	1200.7	1199.3	1197.8	1196.4	1196.2
170°	1201.2	1203.1	1204.9	1206.7	1208.4	1208.6	1207.0	1205.4	1203.8	1202.2	1201.9
172.5°	1205.6	1207.4	1209.2	1211.0	1212.8	1213.0	1211.6	1210.1	1208.6	1207.2	1206.8
175°	1211.2	1213.0	1214.8	1216.6	1218.4	1218.5	1216.9	1215.3	1213.7	1212.1	1211.9
177.5°	1214.4	1215.8	1217.0	1218.3	1219.6	1219.7	1218.5	1217.4	1216.3	1215.1	1215.0
180°	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6



TEST NUMBER: P333648-940

CATALOG NUMBER: S125RDIW-S375D1050U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	515.8	514.6	512.5	510.5	508.0	505.9	504.4	502.6	500.2	497.5	495.2
5°	538.6	534.0	528.1	522.9	516.3	511.2	505.9	500.7	495.5	488.9	483.1
7.5°	563.9	554.6	545.5	534.0	523.6	514.3	505.4	496.4	487.6	478.2	469.2
10°	579.4	568.0	555.5	541.1	527.9	515.3	503.8	492.4	480.5	470.0	458.7
12.5°	593.9	579.3	564.9	546.7	530.8	515.5	500.8	486.7	473.9	460.3	448.1
15°	607.0	592.5	576.5	554.3	532.2	513.6	496.3	478.0	462.2	446.9	433.3
17.5°	612.1	596.9	578.3	556.9	532.8	509.4	487.1	467.1	448.4	430.6	415.4
20°	610.1	595.5	576.3	555.9	530.1	505.9	481.7	459.5	438.6	419.9	403.7
22.5°	605.3	590.2	571.7	550.1	525.7	499.9	474.1	450.4	428.6	409.2	391.5
25°	598.2	577.6	558.6	537.5	514.2	488.7	462.2	436.0	412.7	392.9	373.5
27.5°	590.7	565.0	540.8	520.0	495.3	472.6	446.9	420.1	395.7	375.5	355.6
30°	583.9	555.1	528.5	504.8	481.5	459.9	435.6	409.4	384.2	363.5	343.3
32.5°	575.5	544.8	515.7	488.3	465.8	444.4	422.4	397.3	372.9	351.4	330.9
35°	565.0	525.8	494.1	465.0	440.1	419.3	399.5	379.3	354.8	332.5	312.5
37.5°	551.2	506.7	470.0	438.4	412.1	391.2	375.5	357.0	334.7	313.4	294.9
40°	542.7	492.8	452.7	421.3	393.8	371.7	357.0	341.4	321.0	301.0	282.5
42.5°	531.5	480.2	435.2	402.6	374.8	353.6	338.8	325.1	308.0	289.2	269.3
45°	509.5	455.6	408.4	373.4	345.4	324.5	310.7	298.5	285.6	268.2	250.9
47.5°	481.0	429.9	380.5	342.2	314.9	295.5	282.1	272.5	263.2	248.5	231.8
50°	458.1	408.8	360.6	323.5	294.3	275.9	263.3	255.7	247.3	233.9	219.8
52.5°	431.0	387.0	339.8	301.9	274.3	257.1	245.0	237.4	230.4	219.5	206.2
55°	388.4	349.8	306.6	272.2	246.8	229.5	218.0	210.8	206.7	197.4	186.9
57.5°	339.2	311.7	273.5	240.3	217.8	200.8	192.3	186.2	181.6	175.0	167.6
60°	305.0	285.6	251.4	219.8	199.2	183.0	175.3	170.2	165.9	160.3	154.5
62.5°	270.2	256.1	226.3	199.2	180.3	166.7	159.5	154.9	149.9	146.2	140.5
65°	223.6	211.0	190.4	169.2	151.7	140.7	135.5	131.4	128.4	124.2	120.3
67.5°	173.9	168.8	154.5	139.9	127.3	117.6	113.2	110.3	106.6	104.2	101.5
70°	143.4	140.9	130.8	121.2	109.4	102.8	98.7	97.5	92.9	90.4	88.6
72.5°	116.4	115.2	109.4	102.7	94.4	88.6	84.9	83.5	80.5	78.6	77.4
75°	79.7	80.2	79.1	74.8	71.7	68.0	64.7	63.8	61.8	60.2	59.1
77.5°	50.5	52.5	52.6	52.4	51.2	49.0	47.5	46.9	44.9	44.3	44.1
80°	34.6	36.9	39.0	38.7	38.3	37.7	36.6	36.0	35.0	34.4	34.0
82.5°	23.1	25.1	26.9	28.0	27.9	27.3	26.7	26.3	26.1	25.7	25.6
85°	10.9	11.3	11.9	13.4	14.4	14.6	14.4	14.2	13.6	13.8	14.0
87.5°	6.2	5.8	5.7	5.4	4.9	5.4	5.6	5.4	5.4	5.4	5.4
90°	11.6	10.3	8.8	7.3	5.7	4.1	2.5	0.9	2.5	4.1	5.7
92.5°	11.9	10.7	9.5	9.4	10.5	11.7	12.8	13.9	12.8	11.7	10.5
95°	29.7	37.3	44.9	49.0	49.6	50.2	50.8	51.4	50.8	50.2	49.6
97.5°	74.5	89.6	104.7	111.6	110.6	109.5	108.4	107.4	108.4	109.5	110.6
100°	155.3	154.5	153.7	153.0	152.4	151.8	151.2	150.6	151.2	151.8	152.4
102.5°	199.2	198.8	198.3	197.7	196.9	196.2	195.4	194.7	195.4	196.2	196.9
105°	268.8	268.8	268.8	268.3	267.5	266.7	265.9	265.1	265.9	266.7	267.5
107.5°	339.4	338.9	338.6	338.4	338.4	338.4	338.4	338.4	338.4	338.4	338.4
110°	387.0	386.6	386.2	386.0	386.0	386.0	386.0	386.0	386.0	386.0	386.0



TEST NUMBER: P333648-940

CATALOG NUMBER: S125RDIW-S375D1050U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	433.5	433.3	433.0	432.7	432.1	431.7	431.2	430.7	431.2	431.7	432.1
115°	502.8	502.7	502.4	501.9	500.8	499.8	498.8	497.8	498.8	499.8	500.8
117.5°	569.0	568.2	567.5	567.1	567.1	567.2	567.2	567.3	567.2	567.2	567.1
120°	611.2	610.6	609.9	609.8	609.9	610.1	610.4	610.6	610.4	610.1	609.9
122.5°	652.9	652.6	652.4	651.8	651.0	650.3	649.5	648.8	649.5	650.3	651.0
125°	714.3	714.3	714.3	713.5	712.1	710.8	709.4	707.9	709.4	710.8	712.1
127.5°	768.7	768.7	768.8	768.4	767.4	766.4	765.4	764.4	765.4	766.4	767.4
130°	804.1	803.9	803.6	803.1	802.0	801.0	800.0	799.1	800.0	801.0	802.0
132.5°	837.8	838.2	838.7	838.3	837.1	836.0	834.8	833.7	834.8	836.0	837.1
135°	887.3	887.7	888.1	887.7	886.5	885.3	884.1	882.9	884.1	885.3	886.5
137.5°	932.0	932.4	932.7	932.4	931.3	930.2	929.3	928.2	929.3	930.2	931.3
140°	959.0	959.3	959.5	959.4	958.9	958.6	958.1	957.8	958.1	958.6	958.9
142.5°	986.2	986.0	985.7	985.4	985.2	985.0	984.7	984.4	984.7	985.0	985.2
145°	1025.4	1025.4	1025.4	1025.2	1024.8	1024.4	1024.0	1023.6	1024.0	1024.4	1024.8
147.5°	1058.1	1057.8	1057.7	1057.6	1057.7	1057.7	1057.8	1057.8	1057.8	1057.7	1057.7
150°	1078.7	1078.3	1077.9	1077.9	1078.3	1078.7	1079.1	1079.5	1079.1	1078.7	1078.3
152.5°	1097.5	1097.1	1096.7	1096.9	1097.8	1098.7	1099.6	1100.5	1099.6	1098.7	1097.8
155°	1122.9	1122.5	1122.1	1122.5	1123.7	1124.9	1126.1	1127.3	1126.1	1124.9	1123.7
157.5°	1144.9	1144.9	1144.9	1145.1	1145.9	1146.7	1147.4	1148.1	1147.4	1146.7	1145.9
160°	1157.6	1157.4	1157.2	1157.7	1158.9	1160.1	1161.3	1162.5	1161.3	1160.1	1158.9
162.5°	1169.1	1168.9	1168.7	1169.2	1170.5	1171.6	1172.9	1174.0	1172.9	1171.6	1170.5
165°	1184.6	1184.5	1184.2	1184.7	1186.0	1187.1	1188.4	1189.5	1188.4	1187.1	1186.0
167.5°	1196.0	1195.8	1195.6	1196.1	1197.4	1198.6	1199.9	1201.0	1199.9	1198.6	1197.4
170°	1201.8	1201.6	1201.4	1201.9	1203.4	1204.8	1206.2	1207.6	1206.2	1204.8	1203.4
172.5°	1206.5	1206.1	1205.8	1206.3	1207.7	1209.1	1210.5	1211.9	1210.5	1209.1	1207.7
175°	1211.7	1211.5	1211.3	1211.7	1213.0	1214.2	1215.4	1216.6	1215.4	1214.2	1213.0
177.5°	1214.9	1214.7	1214.5	1215.0	1215.8	1216.8	1217.8	1218.8	1217.8	1216.8	1215.8
180°	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6



TEST NUMBER: P333648-940

CATALOG NUMBER: S125RDIW-S375D1050U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	493.5	491.2	489.5	486.2	483.9	483.0	481.2	480.6	482.5	481.2	481.0
5°	478.8	472.9	468.1	463.4	458.3	455.0	450.0	449.2	447.9	446.1	445.7
7.5°	461.3	453.4	447.4	439.5	432.7	427.2	421.1	418.1	416.5	414.1	410.9
10°	449.4	440.1	431.9	424.0	415.6	408.8	402.6	397.9	394.8	391.9	390.7
12.5°	437.7	428.2	417.7	408.2	398.8	391.2	384.3	381.2	377.8	374.4	371.6
15°	419.5	407.0	395.4	384.5	376.5	368.2	361.6	357.0	352.0	350.4	344.9
17.5°	400.2	387.9	374.3	362.9	353.6	344.5	337.2	332.1	328.2	322.9	320.4
20°	388.2	373.5	360.3	349.8	339.6	328.9	321.5	317.1	313.4	309.1	307.0
22.5°	375.3	361.1	347.5	335.2	324.8	314.1	308.9	304.4	300.2	296.2	293.5
25°	356.4	342.1	327.8	315.0	304.2	296.5	290.3	285.2	282.9	279.0	276.1
27.5°	337.8	322.4	307.7	295.0	286.4	278.8	273.8	269.7	265.6	262.3	259.7
30°	325.7	310.1	294.0	283.9	274.8	267.7	262.1	258.2	255.1	252.0	250.1
32.5°	313.7	297.6	283.3	272.4	263.9	257.6	251.9	248.1	244.9	241.5	239.2
35°	294.4	277.9	266.4	255.7	247.3	241.5	237.6	232.2	229.5	227.0	224.8
37.5°	276.5	261.2	248.7	239.3	231.9	226.2	221.1	218.3	215.0	212.8	210.9
40°	263.3	249.3	238.0	228.1	222.7	216.3	211.6	207.9	205.5	202.5	200.5
42.5°	251.5	238.4	227.4	218.6	211.9	206.4	201.9	198.1	195.0	193.0	191.3
45°	234.7	221.7	211.0	202.8	196.5	191.5	186.6	184.9	180.7	178.3	177.4
47.5°	217.3	205.7	195.4	187.8	181.5	176.6	172.1	168.4	166.0	163.6	162.3
50°	205.6	194.5	184.9	177.4	171.2	165.9	161.8	159.3	156.1	153.9	152.3
52.5°	193.9	183.6	174.0	166.8	161.5	156.1	151.5	149.1	146.2	144.7	143.6
55°	177.2	166.3	158.0	151.1	145.4	140.5	136.2	133.8	131.9	130.5	130.0
57.5°	158.3	149.6	142.0	135.6	129.8	125.2	121.4	119.0	117.4	117.2	115.9
60°	145.9	138.0	131.1	124.2	119.3	114.9	111.6	109.0	107.4	107.2	106.7
62.5°	133.5	126.0	119.5	113.5	109.1	105.0	101.7	98.8	97.8	96.8	95.9
65°	115.2	108.3	103.0	98.3	93.5	90.1	86.9	85.1	82.8	81.6	79.4
67.5°	97.2	91.9	86.8	82.8	79.0	75.7	73.1	70.4	68.8	67.9	66.3
70°	85.3	81.1	76.1	71.7	68.8	66.2	64.1	61.0	59.9	59.1	58.3
72.5°	74.1	70.4	66.2	62.6	59.7	57.2	54.8	53.4	52.3	51.5	51.1
75°	58.3	54.8	51.1	48.6	46.5	44.5	43.2	42.3	41.8	41.6	40.8
77.5°	42.8	40.9	38.0	36.0	34.7	33.8	32.7	32.2	32.1	31.2	30.9
80°	32.7	31.7	29.2	28.4	27.4	26.6	25.9	25.0	23.9	23.5	22.8
82.5°	24.3	23.4	22.3	21.0	20.2	19.6	19.1	18.6	18.8	18.2	17.9
85°	13.0	11.9	11.5	11.3	10.9	11.3	11.1	10.9	10.7	10.5	10.7
87.5°	5.6	5.9	6.0	6.6	6.4	6.9	7.0	7.0	7.3	7.5	7.5
90°	7.3	8.8	10.3	11.6	13.0	14.4	15.4	16.4	17.5	18.5	19.3
92.5°	9.4	9.5	10.7	11.9	13.2	14.4	15.4	16.4	17.5	18.5	19.1
95°	49.0	44.9	37.3	29.7	22.0	14.4	15.4	16.4	17.5	18.5	18.9
97.5°	111.6	104.7	89.6	74.5	59.5	44.4	38.7	33.1	27.4	21.8	18.9
100°	153.0	153.7	154.5	155.3	156.1	156.9	127.1	97.2	67.3	37.5	22.1
102.5°	197.7	198.3	198.8	199.2	199.7	200.2	194.6	188.9	183.2	177.6	168.0
105°	268.3	268.8	268.8	268.8	268.8	268.8	268.8	268.8	268.8	268.8	268.7
107.5°	338.4	338.6	338.9	339.4	339.7	340.2	340.2	340.3	340.3	340.4	340.1
110°	386.0	386.2	386.6	387.0	387.4	387.8	387.2	386.6	386.0	385.4	385.2



TEST NUMBER: P333648-940

CATALOG NUMBER: S125RDIW-S375D1050U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	432.7	433.0	433.3	433.5	433.7	434.0	433.2	432.5	431.7	431.0	430.4
115°	501.9	502.4	502.7	502.8	503.0	503.2	502.4	501.6	500.8	500.0	499.0
117.5°	567.1	567.5	568.2	569.0	569.7	570.5	569.4	568.5	567.4	566.3	565.5
120°	609.8	609.9	610.6	611.2	611.7	612.3	612.0	611.5	611.2	610.7	610.0
122.5°	651.8	652.4	652.6	652.9	653.2	653.4	653.1	652.6	652.3	651.8	651.1
125°	713.5	714.3	714.3	714.3	714.3	714.3	713.5	712.7	711.9	711.1	710.3
127.5°	768.4	768.8	768.7	768.7	768.5	768.4	767.9	767.5	767.0	766.6	765.6
130°	803.1	803.6	803.9	804.1	804.2	804.4	803.9	803.3	802.6	802.0	801.2
132.5°	838.3	838.7	838.2	837.8	837.3	837.0	836.8	836.7	836.5	836.4	835.9
135°	887.7	888.1	887.7	887.3	886.9	886.5	886.1	885.7	885.3	884.9	884.1
137.5°	932.4	932.7	932.4	932.0	931.6	931.2	931.3	931.4	931.5	931.6	931.1
140°	959.4	959.5	959.3	959.0	958.9	958.7	959.0	959.5	959.8	960.3	959.8
142.5°	985.4	985.7	986.0	986.2	986.5	986.8	986.9	986.9	987.0	987.1	986.6
145°	1025.2	1025.4	1025.4	1025.4	1025.4	1025.4	1025.6	1025.8	1026.0	1026.2	1025.7
147.5°	1057.6	1057.7	1057.8	1058.1	1058.4	1058.5	1058.8	1059.1	1059.4	1059.5	1059.0
150°	1077.9	1077.9	1078.3	1078.7	1079.1	1079.5	1080.0	1080.3	1080.8	1081.1	1080.5
152.5°	1096.9	1096.7	1097.1	1097.5	1097.9	1098.2	1098.7	1099.0	1099.5	1099.8	1099.4
155°	1122.5	1122.1	1122.5	1122.9	1123.3	1123.7	1124.3	1124.9	1125.5	1126.1	1125.6
157.5°	1145.1	1144.9	1144.9	1144.9	1145.0	1145.0	1145.7	1146.3	1146.9	1147.5	1147.1
160°	1157.7	1157.2	1157.4	1157.6	1157.8	1158.0	1158.8	1159.6	1160.4	1161.2	1160.7
162.5°	1169.2	1168.7	1168.9	1169.1	1169.3	1169.5	1170.6	1171.8	1172.9	1174.0	1173.7
165°	1184.7	1184.2	1184.5	1184.6	1184.8	1185.0	1186.2	1187.4	1188.7	1189.8	1189.6
167.5°	1196.1	1195.6	1195.8	1196.0	1196.2	1196.4	1197.8	1199.3	1200.7	1202.2	1202.0
170°	1201.9	1201.4	1201.6	1201.8	1201.9	1202.2	1203.8	1205.4	1207.0	1208.6	1208.4
172.5°	1206.3	1205.8	1206.1	1206.5	1206.8	1207.2	1208.6	1210.1	1211.6	1213.0	1212.8
175°	1211.7	1211.3	1211.5	1211.7	1211.9	1212.1	1213.7	1215.3	1216.9	1218.5	1218.4
177.5°	1215.0	1214.5	1214.7	1214.9	1215.0	1215.1	1216.3	1217.4	1218.5	1219.7	1219.6
180°	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6



TEST NUMBER: P333648-940

CATALOG NUMBER: S125RDIW-S375D1050U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	480.8	479.0	478.5	479.2	478.5	479.0	480.8	481.0	481.2	482.5	480.6
5°	443.6	441.6	442.6	442.2	442.6	441.6	443.6	445.7	446.1	447.9	449.2
7.5°	410.9	408.3	405.6	406.4	405.6	408.3	410.9	410.9	414.1	416.5	418.1
10°	388.0	385.9	384.7	385.8	384.7	385.9	388.0	390.7	391.9	394.8	397.9
12.5°	368.7	367.5	366.4	366.0	366.4	367.5	368.7	371.6	374.4	377.8	381.2
15°	342.4	340.0	338.9	336.3	338.9	340.0	342.4	344.9	350.4	352.0	357.0
17.5°	318.3	317.4	314.8	313.6	314.8	317.4	318.3	320.4	322.9	328.2	332.1
20°	303.9	303.1	300.4	302.0	300.4	303.1	303.9	307.0	309.1	313.4	317.1
22.5°	292.0	290.3	289.4	288.9	289.4	290.3	292.0	293.5	296.2	300.2	304.4
25°	275.3	272.6	271.5	270.4	271.5	272.6	275.3	276.1	279.0	282.9	285.2
27.5°	258.5	257.1	255.7	255.4	255.7	257.1	258.5	259.7	262.3	265.6	269.7
30°	247.6	246.2	245.2	245.2	245.2	246.2	247.6	250.1	252.0	255.1	258.2
32.5°	237.9	236.8	235.8	235.6	235.8	236.8	237.9	239.2	241.5	244.9	248.1
35°	223.7	222.1	221.7	220.4	221.7	222.1	223.7	224.8	227.0	229.5	232.2
37.5°	209.0	207.7	207.7	207.5	207.7	207.7	209.0	210.9	212.8	215.0	218.3
40°	199.7	198.6	198.4	197.0	198.4	198.6	199.7	200.5	202.5	205.5	207.9
42.5°	189.6	189.0	188.3	187.7	188.3	189.0	189.6	191.3	193.0	195.0	198.1
45°	175.9	174.5	174.5	173.5	174.5	174.5	175.9	177.4	178.3	180.7	184.9
47.5°	161.8	160.8	160.9	159.8	160.9	160.8	161.8	162.3	163.6	166.0	168.4
50°	152.5	151.9	151.7	151.2	151.7	151.9	152.5	152.3	153.9	156.1	159.3
52.5°	143.1	142.8	143.6	142.7	143.6	142.8	143.1	143.6	144.7	146.2	149.1
55°	130.5	129.8	131.1	129.8	131.1	129.8	130.5	130.0	130.5	131.9	133.8
57.5°	115.9	115.3	116.5	115.8	116.5	115.3	115.9	115.9	117.2	117.4	119.0
60°	106.3	105.0	105.7	105.9	105.7	105.0	106.3	106.7	107.2	107.4	109.0
62.5°	95.0	94.2	94.7	93.7	94.7	94.2	95.0	95.9	96.8	97.8	98.8
65°	78.9	78.3	77.5	77.0	77.5	78.3	78.9	79.4	81.6	82.8	85.1
67.5°	66.3	64.8	64.7	65.1	64.7	64.8	66.3	66.3	67.9	68.8	70.4
70°	57.1	57.1	56.9	56.9	56.9	57.1	57.1	58.3	59.1	59.9	61.0
72.5°	50.6	50.5	50.1	49.9	50.1	50.5	50.6	51.1	51.5	52.3	53.4
75°	40.8	41.0	40.6	40.4	40.6	41.0	40.8	40.8	41.6	41.8	42.3
77.5°	30.1	29.2	29.7	29.2	29.7	29.2	30.1	30.9	31.2	32.1	32.2
80°	22.8	22.6	23.3	22.6	23.3	22.6	22.8	22.8	23.5	23.9	25.0
82.5°	18.1	17.9	18.2	17.7	18.2	17.9	18.1	17.9	18.2	18.8	18.6
85°	10.9	10.7	10.5	10.7	10.5	10.7	10.9	10.7	10.5	10.7	10.9
87.5°	7.8	7.8	7.8	7.9	7.8	7.8	7.8	7.5	7.5	7.3	7.0
90°	19.9	20.4	21.0	21.7	21.0	20.4	19.9	19.3	18.5	17.5	16.4
92.5°	19.4	19.6	19.9	20.2	19.9	19.6	19.4	19.1	18.5	17.5	16.4
95°	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.5	17.5	16.4
97.5°	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	21.8	27.4	33.1
100°	21.3	20.5	19.7	18.9	19.7	20.5	21.3	22.1	37.5	67.3	97.2
102.5°	154.4	140.7	127.1	113.4	127.1	140.7	154.4	168.0	177.6	183.2	188.9
105°	268.5	268.2	268.0	267.9	268.0	268.2	268.5	268.7	268.8	268.8	268.8
107.5°	339.5	338.9	338.2	337.7	338.2	338.9	339.5	340.1	340.4	340.3	340.3
110°	385.4	385.6	385.8	386.0	385.8	385.6	385.4	385.2	385.4	386.0	386.6



TEST NUMBER: P333648-940

CATALOG NUMBER: S125RDIW-S375D1050U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	430.2	429.8	429.5	429.3	429.5	429.8	430.2	430.4	431.0	431.7	432.5
115°	497.8	496.6	495.4	494.2	495.4	496.6	497.8	499.0	500.0	500.8	501.6
117.5°	565.1	564.5	564.0	563.5	564.0	564.5	565.1	565.5	566.3	567.4	568.5
120°	609.0	608.1	607.1	606.0	607.1	608.1	609.0	610.0	610.7	611.2	611.5
122.5°	650.0	648.8	647.6	646.5	647.6	648.8	650.0	651.1	651.8	652.3	652.6
125°	709.8	709.2	708.6	707.9	708.6	709.2	709.8	710.3	711.1	711.9	712.7
127.5°	764.2	762.7	761.2	759.7	761.2	762.7	764.2	765.6	766.6	767.0	767.5
130°	800.2	799.2	798.3	797.3	798.3	799.2	800.2	801.2	802.0	802.6	803.3
132.5°	834.9	833.8	832.9	831.9	832.9	833.8	834.9	835.9	836.4	836.5	836.7
135°	882.9	881.7	880.5	879.3	880.5	881.7	882.9	884.1	884.9	885.3	885.7
137.5°	930.1	929.0	928.0	926.9	928.0	929.0	930.1	931.1	931.6	931.5	931.4
140°	958.7	957.4	956.3	955.0	956.3	957.4	958.7	959.8	960.3	959.8	959.5
142.5°	985.3	984.2	982.9	981.8	982.9	984.2	985.3	986.6	987.1	987.0	986.9
145°	1024.5	1023.3	1022.1	1020.9	1022.1	1023.3	1024.5	1025.7	1026.2	1026.0	1025.8
147.5°	1057.5	1056.1	1054.6	1053.2	1054.6	1056.1	1057.5	1059.0	1059.5	1059.4	1059.1
150°	1078.9	1077.3	1075.7	1074.1	1075.7	1077.3	1078.9	1080.5	1081.1	1080.8	1080.3
152.5°	1097.9	1096.4	1095.0	1093.6	1095.0	1096.4	1097.9	1099.4	1099.8	1099.5	1099.0
155°	1124.0	1122.4	1120.8	1119.2	1120.8	1122.4	1124.0	1125.6	1126.1	1125.5	1124.9
157.5°	1145.5	1143.9	1142.3	1140.7	1142.3	1143.9	1145.5	1147.1	1147.5	1146.9	1146.3
160°	1159.2	1157.6	1156.0	1154.4	1156.0	1157.6	1159.2	1160.7	1161.2	1160.4	1159.6
162.5°	1171.9	1170.2	1168.4	1166.6	1168.4	1170.2	1171.9	1173.7	1174.0	1172.9	1171.8
165°	1188.0	1186.4	1184.8	1183.2	1184.8	1186.4	1188.0	1189.6	1189.8	1188.7	1187.4
167.5°	1200.2	1198.4	1196.6	1194.8	1196.6	1198.4	1200.2	1202.0	1202.2	1200.7	1199.3
170°	1206.7	1204.9	1203.1	1201.2	1203.1	1204.9	1206.7	1208.4	1208.6	1207.0	1205.4
172.5°	1211.0	1209.2	1207.4	1205.6	1207.4	1209.2	1211.0	1212.8	1213.0	1211.6	1210.1
175°	1216.6	1214.8	1213.0	1211.2	1213.0	1214.8	1216.6	1218.4	1218.5	1216.9	1215.3
177.5°	1218.3	1217.0	1215.8	1214.4	1215.8	1217.0	1218.3	1219.6	1219.7	1218.5	1217.4
180°	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6



TEST NUMBER: P333648-940

CATALOG NUMBER: S125RDIW-S375D1050U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	481.2	483.0	483.9	486.2	489.5	491.2	493.5	495.2	497.5	500.2	502.6
5°	450.0	455.0	458.3	463.4	468.1	472.9	478.8	483.1	488.9	495.5	500.7
7.5°	421.1	427.2	432.7	439.5	447.4	453.4	461.3	469.2	478.2	487.6	496.4
10°	402.6	408.8	415.6	424.0	431.9	440.1	449.4	458.7	470.0	480.5	492.4
12.5°	384.3	391.2	398.8	408.2	417.7	428.2	437.7	448.1	460.3	473.9	486.7
15°	361.6	368.2	376.5	384.5	395.4	407.0	419.5	433.3	446.9	462.2	478.0
17.5°	337.2	344.5	353.6	362.9	374.3	387.9	400.2	415.4	430.6	448.4	467.1
20°	321.5	328.9	339.6	349.8	360.3	373.5	388.2	403.7	419.9	438.6	459.5
22.5°	308.9	314.1	324.8	335.2	347.5	361.1	375.3	391.5	409.2	428.6	450.4
25°	290.3	296.5	304.2	315.0	327.8	342.1	356.4	373.5	392.9	412.7	436.0
27.5°	273.8	278.8	286.4	295.0	307.7	322.4	337.8	355.6	375.5	395.7	420.1
30°	262.1	267.7	274.8	283.9	294.0	310.1	325.7	343.3	363.5	384.2	409.4
32.5°	251.9	257.6	263.9	272.4	283.3	297.6	313.7	330.9	351.4	372.9	397.3
35°	237.6	241.5	247.3	255.7	266.4	277.9	294.4	312.5	332.5	354.8	379.3
37.5°	221.1	226.2	231.9	239.3	248.7	261.2	276.5	294.9	313.4	334.7	357.0
40°	211.6	216.3	222.7	228.1	238.0	249.3	263.3	282.5	301.0	321.0	341.4
42.5°	201.9	206.4	211.9	218.6	227.4	238.4	251.5	269.3	289.2	308.0	325.1
45°	186.6	191.5	196.5	202.8	211.0	221.7	234.7	250.9	268.2	285.6	298.5
47.5°	172.1	176.6	181.5	187.8	195.4	205.7	217.3	231.8	248.5	263.2	272.5
50°	161.8	165.9	171.2	177.4	184.9	194.5	205.6	219.8	233.9	247.3	255.7
52.5°	151.5	156.1	161.5	166.8	174.0	183.6	193.9	206.2	219.5	230.4	237.4
55°	136.2	140.5	145.4	151.1	158.0	166.3	177.2	186.9	197.4	206.7	210.8
57.5°	121.4	125.2	129.8	135.6	142.0	149.6	158.3	167.6	175.0	181.6	186.2
60°	111.6	114.9	119.3	124.2	131.1	138.0	145.9	154.5	160.3	165.9	170.2
62.5°	101.7	105.0	109.1	113.5	119.5	126.0	133.5	140.5	146.2	149.9	154.9
65°	86.9	90.1	93.5	98.3	103.0	108.3	115.2	120.3	124.2	128.4	131.4
67.5°	73.1	75.7	79.0	82.8	86.8	91.9	97.2	101.5	104.2	106.6	110.3
70°	64.1	66.2	68.8	71.7	76.1	81.1	85.3	88.6	90.4	92.9	97.5
72.5°	54.8	57.2	59.7	62.6	66.2	70.4	74.1	77.4	78.6	80.5	83.5
75°	43.2	44.5	46.5	48.6	51.1	54.8	58.3	59.1	60.2	61.8	63.8
77.5°	32.7	33.8	34.7	36.0	38.0	40.9	42.8	44.1	44.3	44.9	46.9
80°	25.9	26.6	27.4	28.4	29.2	31.7	32.7	34.0	34.4	35.0	36.0
82.5°	19.1	19.6	20.2	21.0	22.3	23.4	24.3	25.6	25.7	26.1	26.3
85°	11.1	11.3	10.9	11.3	11.5	11.9	13.0	14.0	13.8	13.6	14.2
87.5°	7.0	6.9	6.4	6.6	6.0	5.9	5.6	5.4	5.4	5.4	5.4
90°	15.4	14.4	13.0	11.6	10.3	8.8	7.3	5.7	4.1	2.5	0.9
92.5°	15.4	14.4	13.2	11.9	10.7	9.5	9.4	10.5	11.7	12.8	13.9
95°	15.4	14.4	22.0	29.7	37.3	44.9	49.0	49.6	50.2	50.8	51.4
97.5°	38.7	44.4	59.5	74.5	89.6	104.7	111.6	110.6	109.5	108.4	107.4
100°	127.1	156.9	156.1	155.3	154.5	153.7	153.0	152.4	151.8	151.2	150.6
102.5°	194.6	200.2	199.7	199.2	198.8	198.3	197.7	196.9	196.2	195.4	194.7
105°	268.8	268.8	268.8	268.8	268.8	268.8	268.3	267.5	266.7	265.9	265.1
107.5°	340.2	340.2	339.7	339.4	338.9	338.6	338.4	338.4	338.4	338.4	338.4
110°	387.2	387.8	387.4	387.0	386.6	386.2	386.0	386.0	386.0	386.0	386.0



TEST NUMBER: P333648-940

CATALOG NUMBER: S125RDIW-S375D1050U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	433.2	434.0	433.7	433.5	433.3	433.0	432.7	432.1	431.7	431.2	430.7
115°	502.4	503.2	503.0	502.8	502.7	502.4	501.9	500.8	499.8	498.8	497.8
117.5°	569.4	570.5	569.7	569.0	568.2	567.5	567.1	567.1	567.2	567.2	567.3
120°	612.0	612.3	611.7	611.2	610.6	609.9	609.8	609.9	610.1	610.4	610.6
122.5°	653.1	653.4	653.2	652.9	652.6	652.4	651.8	651.0	650.3	649.5	648.8
125°	713.5	714.3	714.3	714.3	714.3	714.3	713.5	712.1	710.8	709.4	707.9
127.5°	767.9	768.4	768.5	768.7	768.7	768.8	768.4	767.4	766.4	765.4	764.4
130°	803.9	804.4	804.2	804.1	803.9	803.6	803.1	802.0	801.0	800.0	799.1
132.5°	836.8	837.0	837.3	837.8	838.2	838.7	838.3	837.1	836.0	834.8	833.7
135°	886.1	886.5	886.9	887.3	887.7	888.1	887.7	886.5	885.3	884.1	882.9
137.5°	931.3	931.2	931.6	932.0	932.4	932.7	932.4	931.3	930.2	929.3	928.2
140°	959.0	958.7	958.9	959.0	959.3	959.5	959.4	958.9	958.6	958.1	957.8
142.5°	986.9	986.8	986.5	986.2	986.0	985.7	985.4	985.2	985.0	984.7	984.4
145°	1025.6	1025.4	1025.4	1025.4	1025.4	1025.4	1025.2	1024.8	1024.4	1024.0	1023.6
147.5°	1058.8	1058.5	1058.4	1058.1	1057.8	1057.7	1057.6	1057.7	1057.7	1057.8	1057.8
150°	1080.0	1079.5	1079.1	1078.7	1078.3	1077.9	1077.9	1078.3	1078.7	1079.1	1079.5
152.5°	1098.7	1098.2	1097.9	1097.5	1097.1	1096.7	1096.9	1097.8	1098.7	1099.6	1100.5
155°	1124.3	1123.7	1123.3	1122.9	1122.5	1122.1	1122.5	1123.7	1124.9	1126.1	1127.3
157.5°	1145.7	1145.0	1145.0	1144.9	1144.9	1144.9	1145.1	1145.9	1146.7	1147.4	1148.1
160°	1158.8	1158.0	1157.8	1157.6	1157.4	1157.2	1157.7	1158.9	1160.1	1161.3	1162.5
162.5°	1170.6	1169.5	1169.3	1169.1	1168.9	1168.7	1169.2	1170.5	1171.6	1172.9	1174.0
165°	1186.2	1185.0	1184.8	1184.6	1184.5	1184.2	1184.7	1186.0	1187.1	1188.4	1189.5
167.5°	1197.8	1196.4	1196.2	1196.0	1195.8	1195.6	1196.1	1197.4	1198.6	1199.9	1201.0
170°	1203.8	1202.2	1201.9	1201.8	1201.6	1201.4	1201.9	1203.4	1204.8	1206.2	1207.6
172.5°	1208.6	1207.2	1206.8	1206.5	1206.1	1205.8	1206.3	1207.7	1209.1	1210.5	1211.9
175°	1213.7	1212.1	1211.9	1211.7	1211.5	1211.3	1211.7	1213.0	1214.2	1215.4	1216.6
177.5°	1216.3	1215.1	1215.0	1214.9	1214.7	1214.5	1215.0	1215.8	1216.8	1217.8	1218.8
180°	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6



TEST NUMBER: P333648-940

CATALOG NUMBER: S125RDIW-S375D1050U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	504.4	505.9	508.0	510.5	512.5	514.6	515.8	515.8	516.7	518.9	521.7
5°	505.9	511.2	516.3	522.9	528.1	534.0	538.6	543.0	546.8	551.8	557.0
7.5°	505.4	514.3	523.6	534.0	545.5	554.6	563.9	571.2	578.5	588.0	595.4
10°	503.8	515.3	527.9	541.1	555.5	568.0	579.4	589.7	599.6	609.9	619.2
12.5°	500.8	515.5	530.8	546.7	564.9	579.3	593.9	604.8	616.4	627.7	639.1
15°	496.3	513.6	532.2	554.3	576.5	592.5	607.0	621.3	632.0	644.7	655.7
17.5°	487.1	509.4	532.8	556.9	578.3	596.9	612.1	625.6	637.0	651.0	665.9
20°	481.7	505.9	530.1	555.9	576.3	595.5	610.1	624.1	638.3	656.7	674.8
22.5°	474.1	499.9	525.7	550.1	571.7	590.2	605.3	622.4	641.1	661.9	683.9
25°	462.2	488.7	514.2	537.5	558.6	577.6	598.2	621.3	643.9	671.3	702.8
27.5°	446.9	472.6	495.3	520.0	540.8	565.0	590.7	615.7	648.4	686.1	725.4
30°	435.6	459.9	481.5	504.8	528.5	555.1	583.9	613.4	652.4	696.6	743.4
32.5°	422.4	444.4	465.8	488.3	515.7	544.8	575.5	611.5	658.1	708.5	756.9
35°	399.5	419.3	440.1	465.0	494.1	525.8	565.0	608.9	665.1	719.3	762.8
37.5°	375.5	391.2	412.1	438.4	470.0	506.7	551.2	604.5	662.2	710.9	729.3
40°	357.0	371.7	393.8	421.3	452.7	492.8	542.7	597.5	655.7	689.4	688.0
42.5°	338.8	353.6	374.8	402.6	435.2	480.2	531.5	588.4	637.5	650.3	623.6
45°	310.7	324.5	345.4	373.4	408.4	455.6	509.5	564.2	595.5	574.6	521.5
47.5°	282.1	295.5	314.9	342.2	380.5	429.9	481.0	525.8	530.1	485.4	421.7
50°	263.3	275.9	294.3	323.5	360.6	408.8	458.1	493.3	482.3	427.8	362.0
52.5°	245.0	257.1	274.3	301.9	339.8	387.0	431.0	458.7	433.4	375.3	316.2
55°	218.0	229.5	246.8	272.2	306.6	349.8	388.4	398.5	361.4	302.9	255.1
57.5°	192.3	200.8	217.8	240.3	273.5	311.7	339.2	337.4	296.5	243.8	209.5
60°	175.3	183.0	199.2	219.8	251.4	285.6	305.0	296.7	255.3	211.8	178.9
62.5°	159.5	166.7	180.3	199.2	226.3	256.1	270.2	258.8	219.7	181.5	155.2
65°	135.5	140.7	151.7	169.2	190.4	211.0	223.6	206.9	172.3	143.4	123.6
67.5°	113.2	117.6	127.3	139.9	154.5	168.8	173.9	158.3	131.3	111.9	97.9
70°	98.7	102.8	109.4	121.2	130.8	140.9	143.4	129.4	106.9	92.1	83.5
72.5°	84.9	88.6	94.4	102.7	109.4	115.2	116.4	103.3	86.1	76.0	69.3
75°	64.7	68.0	71.7	74.8	79.1	80.2	79.7	69.6	60.4	53.6	49.8
77.5°	47.5	49.0	51.2	52.4	52.6	52.5	50.5	44.1	39.2	36.5	35.0
80°	36.6	37.7	38.3	38.7	39.0	36.9	34.6	30.7	29.1	27.4	25.6
82.5°	26.7	27.3	27.9	28.0	26.9	25.1	23.1	21.1	20.0	19.2	18.5
85°	14.4	14.6	14.4	13.4	11.9	11.3	10.9	10.5	10.3	10.1	10.1
87.5°	5.6	5.4	4.9	5.4	5.7	5.8	6.2	6.2	6.3	6.5	6.8
90°	2.5	4.1	5.7	7.3	8.8	10.3	11.6	13.0	14.4	15.4	16.4
92.5°	12.8	11.7	10.5	9.4	9.5	10.7	11.9	13.2	14.4	15.4	16.4
95°	50.8	50.2	49.6	49.0	44.9	37.3	29.7	22.0	14.4	15.4	16.4
97.5°	108.4	109.5	110.6	111.6	104.7	89.6	74.5	59.5	44.4	38.7	33.1
100°	151.2	151.8	152.4	153.0	153.7	154.5	155.3	156.1	156.9	127.1	97.2
102.5°	195.4	196.2	196.9	197.7	198.3	198.8	199.2	199.7	200.2	194.6	188.9
105°	265.9	266.7	267.5	268.3	268.8	268.8	268.8	268.8	268.8	268.8	268.8
107.5°	338.4	338.4	338.4	338.4	338.6	338.9	339.4	339.7	340.2	340.2	340.3
110°	386.0	386.0	386.0	386.0	386.2	386.6	387.0	387.4	387.8	387.2	386.6



TEST NUMBER: P333648-940

CATALOG NUMBER: S125RDIW-S375D1050U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	431.2	431.7	432.1	432.7	433.0	433.3	433.5	433.7	434.0	433.2	432.5
115°	498.8	499.8	500.8	501.9	502.4	502.7	502.8	503.0	503.2	502.4	501.6
117.5°	567.2	567.2	567.1	567.1	567.5	568.2	569.0	569.7	570.5	569.4	568.5
120°	610.4	610.1	609.9	609.8	609.9	610.6	611.2	611.7	612.3	612.0	611.5
122.5°	649.5	650.3	651.0	651.8	652.4	652.6	652.9	653.2	653.4	653.1	652.6
125°	709.4	710.8	712.1	713.5	714.3	714.3	714.3	714.3	714.3	713.5	712.7
127.5°	765.4	766.4	767.4	768.4	768.8	768.7	768.7	768.5	768.4	767.9	767.5
130°	800.0	801.0	802.0	803.1	803.6	803.9	804.1	804.2	804.4	803.9	803.3
132.5°	834.8	836.0	837.1	838.3	838.7	838.2	837.8	837.3	837.0	836.8	836.7
135°	884.1	885.3	886.5	887.7	888.1	887.7	887.3	886.9	886.5	886.1	885.7
137.5°	929.3	930.2	931.3	932.4	932.7	932.4	932.0	931.6	931.2	931.3	931.4
140°	958.1	958.6	958.9	959.4	959.5	959.3	959.0	958.9	958.7	959.0	959.5
142.5°	984.7	985.0	985.2	985.4	985.7	986.0	986.2	986.5	986.8	986.9	986.9
145°	1024.0	1024.4	1024.8	1025.2	1025.4	1025.4	1025.4	1025.4	1025.4	1025.6	1025.8
147.5°	1057.8	1057.7	1057.7	1057.6	1057.7	1057.8	1058.1	1058.4	1058.5	1058.8	1059.1
150°	1079.1	1078.7	1078.3	1077.9	1077.9	1078.3	1078.7	1079.1	1079.5	1080.0	1080.3
152.5°	1099.6	1098.7	1097.8	1096.9	1096.7	1097.1	1097.5	1097.9	1098.2	1098.7	1099.0
155°	1126.1	1124.9	1123.7	1122.5	1122.1	1122.5	1122.9	1123.3	1123.7	1124.3	1124.9
157.5°	1147.4	1146.7	1145.9	1145.1	1144.9	1144.9	1144.9	1145.0	1145.0	1145.7	1146.3
160°	1161.3	1160.1	1158.9	1157.7	1157.2	1157.4	1157.6	1157.8	1158.0	1158.8	1159.6
162.5°	1172.9	1171.6	1170.5	1169.2	1168.7	1168.9	1169.1	1169.3	1169.5	1170.6	1171.8
165°	1188.4	1187.1	1186.0	1184.7	1184.2	1184.5	1184.6	1184.8	1185.0	1186.2	1187.4
167.5°	1199.9	1198.6	1197.4	1196.1	1195.6	1195.8	1196.0	1196.2	1196.4	1197.8	1199.3
170°	1206.2	1204.8	1203.4	1201.9	1201.4	1201.6	1201.8	1201.9	1202.2	1203.8	1205.4
172.5°	1210.5	1209.1	1207.7	1206.3	1205.8	1206.1	1206.5	1206.8	1207.2	1208.6	1210.1
175°	1215.4	1214.2	1213.0	1211.7	1211.3	1211.5	1211.7	1211.9	1212.1	1213.7	1215.3
177.5°	1217.8	1216.8	1215.8	1215.0	1214.5	1214.7	1214.9	1215.0	1215.1	1216.3	1217.4
180°	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6



TEST NUMBER: P333648-940

CATALOG NUMBER: S125RDIW-S375D1050U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	501.9	501.9	501.9	501.9	501.9	501.9	501.9
2.5°	523.9	523.9	526.6	526.5	528.3	527.6	528.0
5°	563.1	566.6	569.7	571.8	574.9	575.7	575.2
7.5°	603.9	611.6	615.4	620.6	621.5	624.3	624.0
10°	629.0	636.7	642.5	646.9	649.3	652.1	652.4
12.5°	648.8	655.3	660.4	664.6	667.4	668.2	668.8
15°	664.3	671.5	677.4	683.4	687.0	689.6	691.1
17.5°	679.8	691.0	701.5	709.6	714.5	718.6	718.6
20°	691.9	704.6	717.8	727.1	736.6	740.7	741.4
22.5°	704.7	724.2	741.3	755.6	768.1	772.4	774.0
25°	731.5	757.0	783.2	803.3	817.8	826.3	827.5
27.5°	763.8	798.3	825.8	844.5	856.4	862.7	864.1
30°	786.5	818.4	843.1	857.1	862.7	863.5	860.4
32.5°	796.7	820.6	830.5	829.6	818.7	811.5	808.7
35°	784.2	779.3	755.2	726.3	704.3	690.3	686.5
37.5°	713.6	671.0	626.7	583.1	559.9	548.0	527.8
40°	644.1	583.3	537.2	500.5	474.3	453.3	448.4
42.5°	565.6	502.8	456.7	425.3	404.4	390.0	383.7
45°	454.5	400.6	362.4	338.3	322.3	311.7	307.0
47.5°	363.6	321.7	294.0	276.2	263.9	254.8	252.2
50°	313.6	280.2	256.7	241.7	232.4	225.4	222.6
52.5°	272.4	245.4	227.4	215.0	206.3	201.9	199.5
55°	224.8	201.5	188.5	178.6	173.7	170.2	168.5
57.5°	183.9	167.0	157.6	150.7	146.2	143.9	143.1
60°	161.0	147.8	139.1	133.8	130.6	127.8	126.9
62.5°	140.6	130.3	123.6	118.9	115.8	114.6	114.0
65°	113.3	106.6	101.6	98.7	96.2	95.8	95.6
67.5°	90.1	86.1	83.5	80.5	79.6	78.2	77.8
70°	77.0	74.4	71.2	70.3	69.2	67.8	68.0
72.5°	65.4	62.7	60.5	59.2	58.9	58.2	58.8
75°	47.8	47.0	46.2	45.1	44.7	44.7	44.5
77.5°	34.2	33.4	32.5	31.9	31.7	30.9	31.2
80°	24.7	23.7	23.3	23.5	22.8	22.6	22.6
82.5°	18.3	17.9	17.5	17.6	17.4	17.2	17.4
85°	10.1	9.9	9.9	9.7	9.7	9.5	9.5
87.5°	7.1	7.5	7.3	7.2	7.4	7.7	7.9
90°	17.5	18.5	19.3	19.9	20.4	21.0	21.7
92.5°	17.5	18.5	19.1	19.4	19.6	19.9	20.2
95°	17.5	18.5	18.9	18.9	18.9	18.9	18.9
97.5°	27.4	21.8	18.9	18.9	18.9	18.9	18.9
100°	67.3	37.5	22.1	21.3	20.5	19.7	18.9
102.5°	183.2	177.6	168.0	154.4	140.7	127.1	113.4
105°	268.8	268.8	268.7	268.5	268.2	268.0	267.9
107.5°	340.3	340.4	340.1	339.5	338.9	338.2	337.7
110°	386.0	385.4	385.2	385.4	385.6	385.8	386.0



TEST NUMBER: P333648-940

CATALOG NUMBER: S125RDIW-S375D1050U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	431.7	431.0	430.4	430.2	429.8	429.5	429.3
115°	500.8	500.0	499.0	497.8	496.6	495.4	494.2
117.5°	567.4	566.3	565.5	565.1	564.5	564.0	563.5
120°	611.2	610.7	610.0	609.0	608.1	607.1	606.0
122.5°	652.3	651.8	651.1	650.0	648.8	647.6	646.5
125°	711.9	711.1	710.3	709.8	709.2	708.6	707.9
127.5°	767.0	766.6	765.6	764.2	762.7	761.2	759.7
130°	802.6	802.0	801.2	800.2	799.2	798.3	797.3
132.5°	836.5	836.4	835.9	834.9	833.8	832.9	831.9
135°	885.3	884.9	884.1	882.9	881.7	880.5	879.3
137.5°	931.5	931.6	931.1	930.1	929.0	928.0	926.9
140°	959.8	960.3	959.8	958.7	957.4	956.3	955.0
142.5°	987.0	987.1	986.6	985.3	984.2	982.9	981.8
145°	1026.0	1026.2	1025.7	1024.5	1023.3	1022.1	1020.9
147.5°	1059.4	1059.5	1059.0	1057.5	1056.1	1054.6	1053.2
150°	1080.8	1081.1	1080.5	1078.9	1077.3	1075.7	1074.1
152.5°	1099.5	1099.8	1099.4	1097.9	1096.4	1095.0	1093.6
155°	1125.5	1126.1	1125.6	1124.0	1122.4	1120.8	1119.2
157.5°	1146.9	1147.5	1147.1	1145.5	1143.9	1142.3	1140.7
160°	1160.4	1161.2	1160.7	1159.2	1157.6	1156.0	1154.4
162.5°	1172.9	1174.0	1173.7	1171.9	1170.2	1168.4	1166.6
165°	1188.7	1189.8	1189.6	1188.0	1186.4	1184.8	1183.2
167.5°	1200.7	1202.2	1202.0	1200.2	1198.4	1196.6	1194.8
170°	1207.0	1208.6	1208.4	1206.7	1204.9	1203.1	1201.2
172.5°	1211.6	1213.0	1212.8	1211.0	1209.2	1207.4	1205.6
175°	1216.9	1218.5	1218.4	1216.6	1214.8	1213.0	1211.2
177.5°	1218.5	1219.7	1219.6	1218.3	1217.0	1215.8	1214.4
180°	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6	1216.6

(END OF REPORT)