

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: P333652-935

Luminaire Tested: **S125RDIW-S375D1340U935-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333652-935
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-S375D1340U935-4F0-1E-UDD-A
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 375 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1340 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5876.8 lumens
Efficiency: N/A
Efficacy: 126.1 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1.22 / 1.47
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')
CIE Type: Semi-Indirect

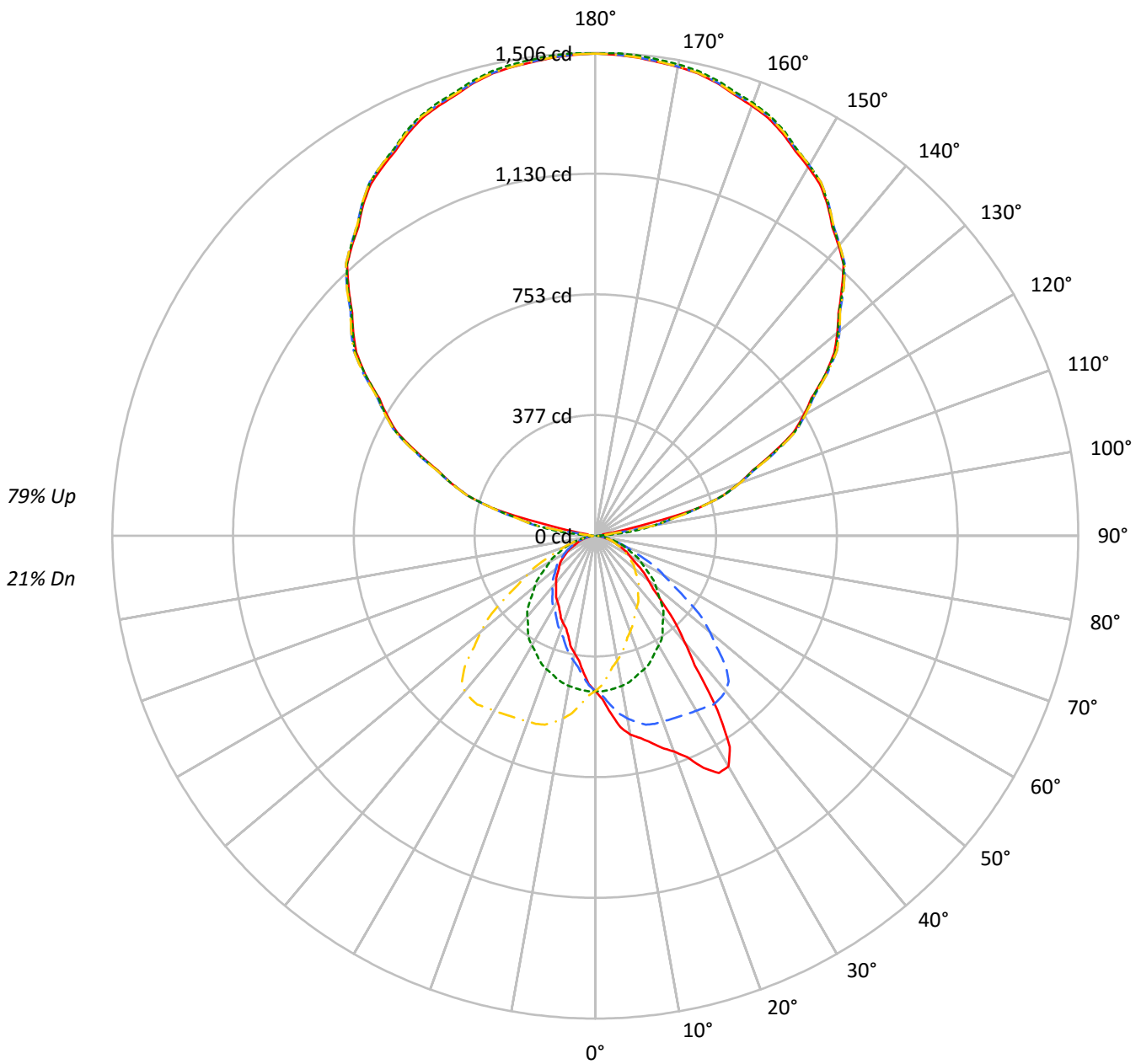
Input Watts (W): 46.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	100	100	100	100	89	89	89	89	67	67	67	48	48	48	30	30	30	21
1	92	87	84	81	81	78	75	72	59	57	55	42	41	40	27	26	25	18
2	83	77	71	66	74	68	63	59	52	49	46	37	35	34	24	23	22	16
3	76	67	60	55	67	60	54	50	46	42	39	33	31	29	21	20	19	13
4	70	60	52	46	61	53	47	42	41	36	33	29	27	24	19	17	16	12
5	64	53	45	40	56	47	41	36	36	32	28	26	23	21	17	15	14	10
6	59	47	40	34	52	42	36	31	33	28	25	24	21	18	15	14	12	9
7	54	43	35	30	48	38	32	27	30	25	22	22	18	16	14	12	11	8
8	50	38	31	26	44	34	28	24	27	22	19	20	17	14	13	11	10	7
9	46	35	28	23	41	31	25	21	24	20	17	18	15	13	12	10	9	6
10	43	32	25	20	38	29	23	19	22	18	15	17	14	11	11	9	8	6

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



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.5	0.8
10°-20°	136.2	2.3
20°-30°	215.9	3.7
30°-40°	260.4	4.4
40°-50°	232.6	4.0
50°-60°	178.3	3.0
60°-70°	115.9	2.0
70°-80°	56.3	1.0
80°-90°	16.6	0.3
90°-100°	54.6	0.9
100°-110°	336.8	5.7
110°-120°	610.9	10.4
120°-130°	783.9	13.3
130°-140°	843.2	14.3
140°-150°	791.5	13.5
150°-160°	640.2	10.9
160°-170°	414.1	7.0
170°-180°	142.8	2.4
0°-30°	398.6	6.8
0°-40°	659.0	11.2
0°-60°	1069.9	18.2
0°-90°	1258.7	21.4
90°-120°	1002.3	17.1
90°-150°	3420.9	58.2
90°-180°	4618.0	78.6
0°-180°	5876.8	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°	27	1	27	1	27	12
95°	23	64	23	64	23	19
105°	331	328	331	328	331	299
115°	611	615	611	615	611	606
125°	875	875	875	875	875	779
135°	1087	1091	1087	1091	1087	839
145°	1262	1265	1262	1265	1262	788
155°	1384	1393	1384	1393	1384	638
165°	1463	1470	1463	1470	1463	413
175°	1497	1504	1497	1504	1497	142
180°	1504	1504	1504	1504	1504	



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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°	8.9	8.5	8.3	8.1	8.1	8.2	7.8	7.4	7.1	6.9	6.7
90°	26.8	26.0	25.2	24.5	23.8	22.8	21.5	20.3	19.1	17.8	16.1
92.5°	25.0	24.6	24.3	23.9	23.6	22.8	21.5	20.3	19.1	17.8	16.3
95°	23.4	23.4	23.4	23.4	23.4	22.8	21.5	20.3	19.1	17.8	27.2
97.5°	23.4	23.4	23.4	23.4	23.4	26.9	33.9	40.9	47.9	54.8	73.4
100°	23.4	24.4	25.4	26.3	27.4	46.3	83.3	120.1	157.0	194.0	193.0
102.5°	140.3	157.0	173.9	190.8	207.6	219.6	226.5	233.5	240.5	247.5	246.8
105°	331.1	331.3	331.6	331.8	332.1	332.2	332.2	332.2	332.2	332.2	332.2
107.5°	417.4	418.1	418.9	419.6	420.3	420.7	420.7	420.6	420.5	420.5	420.0
110°	477.2	476.9	476.6	476.4	476.1	476.4	477.2	477.9	478.6	479.3	478.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	530.6	531.0	531.3	531.7	532.0	532.7	533.6	534.5	535.5	536.4	536.1
115°	610.9	612.3	613.9	615.4	616.8	618.1	619.1	620.1	621.0	622.1	621.8
117.5°	696.5	697.2	697.8	698.4	699.0	700.1	701.4	702.7	704.0	705.2	704.3
120°	749.2	750.4	751.6	752.9	754.1	754.9	755.4	756.0	756.5	756.9	756.2
122.5°	799.1	800.5	801.9	803.4	804.8	805.8	806.2	806.8	807.3	807.8	807.4
125°	875.1	875.8	876.6	877.4	878.0	878.9	879.9	880.9	881.9	882.9	882.9
127.5°	939.1	940.9	942.8	944.6	946.4	947.6	948.1	948.7	949.3	949.8	949.9
130°	985.5	986.7	987.9	989.2	990.4	991.4	992.1	992.9	993.7	994.4	994.1
132.5°	1028.3	1029.5	1030.8	1032.0	1033.2	1033.9	1034.1	1034.2	1034.4	1034.5	1035.1
135°	1086.9	1088.4	1089.9	1091.4	1092.9	1093.8	1094.3	1094.8	1095.4	1095.8	1096.3
137.5°	1145.7	1147.0	1148.3	1149.6	1150.9	1151.5	1151.4	1151.3	1151.2	1151.2	1151.6
140°	1180.5	1182.1	1183.5	1185.0	1186.5	1187.0	1186.5	1186.0	1185.5	1185.0	1185.3
142.5°	1213.6	1215.0	1216.5	1218.0	1219.5	1220.2	1220.1	1220.0	1219.9	1219.8	1219.4
145°	1262.0	1263.4	1264.9	1266.4	1267.9	1268.5	1268.3	1268.0	1267.7	1267.5	1267.5
147.5°	1301.8	1303.6	1305.4	1307.2	1309.0	1309.8	1309.4	1309.2	1308.8	1308.5	1308.2
150°	1327.7	1329.6	1331.6	1333.6	1335.6	1336.4	1335.8	1335.4	1334.9	1334.4	1333.9
152.5°	1351.8	1353.6	1355.4	1357.1	1358.9	1359.5	1359.1	1358.6	1358.1	1357.5	1357.1
155°	1383.5	1385.4	1387.4	1389.4	1391.4	1392.0	1391.2	1390.5	1389.7	1389.1	1388.5
157.5°	1410.0	1412.0	1413.9	1415.9	1417.9	1418.5	1417.7	1416.9	1416.1	1415.3	1415.3
160°	1426.9	1428.9	1430.9	1432.9	1434.9	1435.4	1434.3	1433.4	1432.4	1431.4	1431.2
162.5°	1442.1	1444.2	1446.4	1448.6	1450.8	1451.2	1449.8	1448.4	1447.0	1445.6	1445.4
165°	1462.6	1464.6	1466.5	1468.5	1470.5	1470.8	1469.3	1467.7	1466.3	1464.8	1464.6
167.5°	1476.9	1479.1	1481.4	1483.5	1485.7	1486.0	1484.2	1482.5	1480.7	1478.9	1478.6
170°	1484.9	1487.1	1489.4	1491.6	1493.8	1493.9	1491.9	1490.0	1488.0	1486.0	1485.7
172.5°	1490.2	1492.5	1494.7	1496.9	1499.2	1499.3	1497.6	1495.8	1494.0	1492.2	1491.8
175°	1497.1	1499.3	1501.6	1503.8	1506.1	1506.1	1504.2	1502.2	1500.2	1498.2	1498.1
177.5°	1501.2	1502.7	1504.3	1505.9	1507.5	1507.6	1506.2	1504.9	1503.5	1502.0	1501.8
180°	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8



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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°	6.5	6.2	6.0	5.6	5.1	5.5	5.5	5.3	5.4	5.5	5.5
90°	14.4	12.7	10.9	9.0	7.1	5.1	3.1	1.1	3.1	5.1	7.1
92.5°	14.7	13.3	11.7	11.6	13.0	14.4	15.8	17.1	15.8	14.4	13.0
95°	36.7	46.1	55.4	60.5	61.3	62.1	62.8	63.5	62.8	62.1	61.3
97.5°	92.1	110.7	129.3	138.0	136.6	135.3	134.0	132.7	134.0	135.3	136.6
100°	192.0	191.0	190.0	189.2	188.4	187.6	186.9	186.1	186.9	187.6	188.4
102.5°	246.3	245.7	245.1	244.4	243.4	242.5	241.5	240.6	241.5	242.5	243.4
105°	332.2	332.2	332.2	331.7	330.7	329.8	328.7	327.8	328.7	329.8	330.7
107.5°	419.5	419.0	418.5	418.3	418.3	418.3	418.3	418.3	418.3	418.3	418.3
110°	478.4	477.9	477.3	477.2	477.2	477.2	477.2	477.2	477.2	477.2	477.2



TEST NUMBER: P333652-935

CATALOG NUMBER: S125RDIW-S375D1340U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	535.8	535.5	535.3	534.8	534.2	533.6	533.0	532.4	533.0	533.6	534.2
115°	621.6	621.3	621.0	620.4	619.1	617.9	616.6	615.4	616.6	617.9	619.1
117.5°	703.4	702.4	701.5	701.0	701.0	701.1	701.1	701.2	701.1	701.1	701.0
120°	755.4	754.7	754.0	753.7	754.0	754.2	754.5	754.7	754.5	754.2	754.0
122.5°	807.1	806.8	806.4	805.7	804.8	803.8	802.9	801.9	802.9	803.8	804.8
125°	882.9	882.9	882.9	882.0	880.3	878.6	876.8	875.1	876.8	878.6	880.3
127.5°	950.1	950.2	950.4	949.9	948.6	947.4	946.2	944.9	946.2	947.4	948.6
130°	993.9	993.7	993.4	992.6	991.4	990.2	988.9	987.7	988.9	990.2	991.4
132.5°	1035.6	1036.1	1036.7	1036.2	1034.8	1033.4	1031.9	1030.5	1031.9	1033.4	1034.8
135°	1096.8	1097.3	1097.8	1097.3	1095.8	1094.3	1092.9	1091.4	1092.9	1094.3	1095.8
137.5°	1152.0	1152.4	1152.9	1152.4	1151.2	1149.9	1148.6	1147.4	1148.6	1149.9	1151.2
140°	1185.5	1185.8	1186.0	1185.9	1185.3	1184.9	1184.4	1183.9	1184.4	1184.9	1185.3
142.5°	1219.1	1218.7	1218.4	1218.1	1217.8	1217.5	1217.2	1216.9	1217.2	1217.5	1217.8
145°	1267.5	1267.5	1267.5	1267.2	1266.8	1266.3	1265.8	1265.2	1265.8	1266.3	1266.8
147.5°	1307.9	1307.6	1307.3	1307.3	1307.3	1307.4	1307.5	1307.6	1307.5	1307.4	1307.3
150°	1333.4	1332.9	1332.4	1332.4	1332.9	1333.4	1333.9	1334.4	1333.9	1333.4	1332.9
152.5°	1356.6	1356.1	1355.6	1355.9	1357.0	1358.1	1359.2	1360.2	1359.2	1358.1	1357.0
155°	1388.0	1387.5	1387.1	1387.5	1389.1	1390.5	1392.0	1393.4	1392.0	1390.5	1389.1
157.5°	1415.2	1415.1	1415.1	1415.6	1416.4	1417.3	1418.2	1419.1	1418.2	1417.3	1416.4
160°	1430.9	1430.6	1430.4	1431.0	1432.4	1434.0	1435.5	1436.9	1435.5	1434.0	1432.4
162.5°	1445.2	1444.9	1444.7	1445.3	1446.7	1448.2	1449.8	1451.2	1449.8	1448.2	1446.7
165°	1464.3	1464.0	1463.8	1464.5	1465.9	1467.4	1468.9	1470.4	1468.9	1467.4	1465.9
167.5°	1478.3	1478.1	1477.9	1478.5	1480.1	1481.6	1483.2	1484.6	1483.2	1481.6	1480.1
170°	1485.5	1485.2	1485.0	1485.7	1487.5	1489.2	1491.0	1492.7	1491.0	1489.2	1487.5
172.5°	1491.3	1490.9	1490.5	1491.1	1492.8	1494.6	1496.3	1498.1	1496.3	1494.6	1492.8
175°	1497.8	1497.5	1497.3	1497.9	1499.3	1500.9	1502.4	1503.8	1502.4	1500.9	1499.3
177.5°	1501.7	1501.5	1501.2	1501.8	1503.0	1504.2	1505.3	1506.5	1505.3	1504.2	1503.0
180°	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8



TEST NUMBER: P333652-935

CATALOG NUMBER: S125RDIW-S375D1340U935-4F0-1E-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°	5.8	6.2	6.4	7.0	6.9	7.4	7.7	7.7	8.0	8.2	8.3
90°	9.0	10.9	12.7	14.4	16.1	17.8	19.1	20.3	21.5	22.8	23.8
92.5°	11.6	11.7	13.3	14.7	16.3	17.8	19.1	20.3	21.5	22.8	23.6
95°	60.5	55.4	46.1	36.7	27.2	17.8	19.1	20.3	21.5	22.8	23.4
97.5°	138.0	129.3	110.7	92.1	73.4	54.8	47.9	40.9	33.9	26.9	23.4
100°	189.2	190.0	191.0	192.0	193.0	194.0	157.0	120.1	83.3	46.3	27.4
102.5°	244.4	245.1	245.7	246.3	246.8	247.5	240.5	233.5	226.5	219.6	207.6
105°	331.7	332.2	332.2	332.2	332.2	332.2	332.2	332.2	332.2	332.2	332.1
107.5°	418.3	418.5	419.0	419.5	420.0	420.5	420.5	420.6	420.7	420.7	420.3
110°	477.2	477.3	477.9	478.4	478.9	479.3	478.6	477.9	477.2	476.4	476.1



TEST NUMBER: P333652-935

CATALOG NUMBER: S125RDIW-S375D1340U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	534.8	535.3	535.5	535.8	536.1	536.4	535.5	534.5	533.6	532.7	532.0
115°	620.4	621.0	621.3	621.6	621.8	622.1	621.0	620.1	619.1	618.1	616.8
117.5°	701.0	701.5	702.4	703.4	704.3	705.2	704.0	702.7	701.4	700.1	699.0
120°	753.7	754.0	754.7	755.4	756.2	756.9	756.5	756.0	755.4	754.9	754.1
122.5°	805.7	806.4	806.8	807.1	807.4	807.8	807.3	806.8	806.2	805.8	804.8
125°	882.0	882.9	882.9	882.9	882.9	882.9	881.9	880.9	879.9	878.9	878.0
127.5°	949.9	950.4	950.2	950.1	949.9	949.8	949.3	948.7	948.1	947.6	946.4
130°	992.6	993.4	993.7	993.9	994.1	994.4	993.7	992.9	992.1	991.4	990.4
132.5°	1036.2	1036.7	1036.1	1035.6	1035.1	1034.5	1034.4	1034.2	1034.1	1033.9	1033.2
135°	1097.3	1097.8	1097.3	1096.8	1096.3	1095.8	1095.4	1094.8	1094.3	1093.8	1092.9
137.5°	1152.4	1152.9	1152.4	1152.0	1151.6	1151.2	1151.2	1151.3	1151.4	1151.5	1150.9
140°	1185.9	1186.0	1185.8	1185.5	1185.3	1185.0	1185.5	1186.0	1186.5	1187.0	1186.5
142.5°	1218.1	1218.4	1218.7	1219.1	1219.4	1219.8	1219.9	1220.0	1220.1	1220.2	1219.5
145°	1267.2	1267.5	1267.5	1267.5	1267.5	1267.5	1267.7	1268.0	1268.3	1268.5	1267.9
147.5°	1307.3	1307.3	1307.6	1307.9	1308.2	1308.5	1308.8	1309.2	1309.4	1309.8	1309.0
150°	1332.4	1332.4	1332.9	1333.4	1333.9	1334.4	1334.9	1335.4	1335.8	1336.4	1335.6
152.5°	1355.9	1355.6	1356.1	1356.6	1357.1	1357.5	1358.1	1358.6	1359.1	1359.5	1358.9
155°	1387.5	1387.1	1387.5	1388.0	1388.5	1389.1	1389.7	1390.5	1391.2	1392.0	1391.4
157.5°	1415.6	1415.1	1415.1	1415.2	1415.3	1415.3	1416.1	1416.9	1417.7	1418.5	1417.9
160°	1431.0	1430.4	1430.6	1430.9	1431.2	1431.4	1432.4	1433.4	1434.3	1435.4	1434.9
162.5°	1445.3	1444.7	1444.9	1445.2	1445.4	1445.6	1447.0	1448.4	1449.8	1451.2	1450.8
165°	1464.5	1463.8	1464.0	1464.3	1464.6	1464.8	1466.3	1467.7	1469.3	1470.8	1470.5
167.5°	1478.5	1477.9	1478.1	1478.3	1478.6	1478.9	1480.7	1482.5	1484.2	1486.0	1485.7
170°	1485.7	1485.0	1485.2	1485.5	1485.7	1486.0	1488.0	1490.0	1491.9	1493.9	1493.8
172.5°	1491.1	1490.5	1490.9	1491.3	1491.8	1492.2	1494.0	1495.8	1497.6	1499.3	1499.2
175°	1497.9	1497.3	1497.5	1497.8	1498.1	1498.2	1500.2	1502.2	1504.2	1506.1	1506.1
177.5°	1501.8	1501.2	1501.5	1501.7	1501.8	1502.0	1503.5	1504.9	1506.2	1507.6	1507.5
180°	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8



TEST NUMBER: P333652-935

CATALOG NUMBER: S125RDIW-S375D1340U935-4F0-1E-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°	8.5	8.5	8.7	8.9	8.7	8.5	8.5	8.3	8.2	8.0	7.7
90°	24.5	25.2	26.0	26.8	26.0	25.2	24.5	23.8	22.8	21.5	20.3
92.5°	23.9	24.3	24.6	25.0	24.6	24.3	23.9	23.6	22.8	21.5	20.3
95°	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	22.8	21.5	20.3
97.5°	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	26.9	33.9	40.9
100°	26.3	25.4	24.4	23.4	24.4	25.4	26.3	27.4	46.3	83.3	120.1
102.5°	190.8	173.9	157.0	140.3	157.0	173.9	190.8	207.6	219.6	226.5	233.5
105°	331.8	331.6	331.3	331.1	331.3	331.6	331.8	332.1	332.2	332.2	332.2
107.5°	419.6	418.9	418.1	417.4	418.1	418.9	419.6	420.3	420.7	420.7	420.6
110°	476.4	476.6	476.9	477.2	476.9	476.6	476.4	476.1	476.4	477.2	477.9



TEST NUMBER: P333652-935

CATALOG NUMBER: S125RDIW-S375D1340U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	531.7	531.3	531.0	530.6	531.0	531.3	531.7	532.0	532.7	533.6	534.5
115°	615.4	613.9	612.3	610.9	612.3	613.9	615.4	616.8	618.1	619.1	620.1
117.5°	698.4	697.8	697.2	696.5	697.2	697.8	698.4	699.0	700.1	701.4	702.7
120°	752.9	751.6	750.4	749.2	750.4	751.6	752.9	754.1	754.9	755.4	756.0
122.5°	803.4	801.9	800.5	799.1	800.5	801.9	803.4	804.8	805.8	806.2	806.8
125°	877.4	876.6	875.8	875.1	875.8	876.6	877.4	878.0	878.9	879.9	880.9
127.5°	944.6	942.8	940.9	939.1	940.9	942.8	944.6	946.4	947.6	948.1	948.7
130°	989.2	987.9	986.7	985.5	986.7	987.9	989.2	990.4	991.4	992.1	992.9
132.5°	1032.0	1030.8	1029.5	1028.3	1029.5	1030.8	1032.0	1033.2	1033.9	1034.1	1034.2
135°	1091.4	1089.9	1088.4	1086.9	1088.4	1089.9	1091.4	1092.9	1093.8	1094.3	1094.8
137.5°	1149.6	1148.3	1147.0	1145.7	1147.0	1148.3	1149.6	1150.9	1151.5	1151.4	1151.3
140°	1185.0	1183.5	1182.1	1180.5	1182.1	1183.5	1185.0	1186.5	1187.0	1186.5	1186.0
142.5°	1218.0	1216.5	1215.0	1213.6	1215.0	1216.5	1218.0	1219.5	1220.2	1220.1	1220.0
145°	1266.4	1264.9	1263.4	1262.0	1263.4	1264.9	1266.4	1267.9	1268.5	1268.3	1268.0
147.5°	1307.2	1305.4	1303.6	1301.8	1303.6	1305.4	1307.2	1309.0	1309.8	1309.4	1309.2
150°	1333.6	1331.6	1329.6	1327.7	1329.6	1331.6	1333.6	1335.6	1336.4	1335.8	1335.4
152.5°	1357.1	1355.4	1353.6	1351.8	1353.6	1355.4	1357.1	1358.9	1359.5	1359.1	1358.6
155°	1389.4	1387.4	1385.4	1383.5	1385.4	1387.4	1389.4	1391.4	1392.0	1391.2	1390.5
157.5°	1415.9	1413.9	1412.0	1410.0	1412.0	1413.9	1415.9	1417.9	1418.5	1417.7	1416.9
160°	1432.9	1430.9	1428.9	1426.9	1428.9	1430.9	1432.9	1434.9	1435.4	1434.3	1433.4
162.5°	1448.6	1446.4	1444.2	1442.1	1444.2	1446.4	1448.6	1450.8	1451.2	1449.8	1448.4
165°	1468.5	1466.5	1464.6	1462.6	1464.6	1466.5	1468.5	1470.5	1470.8	1469.3	1467.7
167.5°	1483.5	1481.4	1479.1	1476.9	1479.1	1481.4	1483.5	1485.7	1486.0	1484.2	1482.5
170°	1491.6	1489.4	1487.1	1484.9	1487.1	1489.4	1491.6	1493.8	1493.9	1491.9	1490.0
172.5°	1496.9	1494.7	1492.5	1490.2	1492.5	1494.7	1496.9	1499.2	1499.3	1497.6	1495.8
175°	1503.8	1501.6	1499.3	1497.1	1499.3	1501.6	1503.8	1506.1	1506.1	1504.2	1502.2
177.5°	1505.9	1504.3	1502.7	1501.2	1502.7	1504.3	1505.9	1507.5	1507.6	1506.2	1504.9
180°	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8



TEST NUMBER: P333652-935

CATALOG NUMBER: S125RDIW-S375D1340U935-4F0-1E-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°	7.7	7.4	6.9	7.0	6.4	6.2	5.8	5.5	5.5	5.4	5.3
90°	19.1	17.8	16.1	14.4	12.7	10.9	9.0	7.1	5.1	3.1	1.1
92.5°	19.1	17.8	16.3	14.7	13.3	11.7	11.6	13.0	14.4	15.8	17.1
95°	19.1	17.8	27.2	36.7	46.1	55.4	60.5	61.3	62.1	62.8	63.5
97.5°	47.9	54.8	73.4	92.1	110.7	129.3	138.0	136.6	135.3	134.0	132.7
100°	157.0	194.0	193.0	192.0	191.0	190.0	189.2	188.4	187.6	186.9	186.1
102.5°	240.5	247.5	246.8	246.3	245.7	245.1	244.4	243.4	242.5	241.5	240.6
105°	332.2	332.2	332.2	332.2	332.2	332.2	331.7	330.7	329.8	328.7	327.8
107.5°	420.5	420.5	420.0	419.5	419.0	418.5	418.3	418.3	418.3	418.3	418.3
110°	478.6	479.3	478.9	478.4	477.9	477.3	477.2	477.2	477.2	477.2	477.2



TEST NUMBER: P333652-935

CATALOG NUMBER: S125RDIW-S375D1340U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	535.5	536.4	536.1	535.8	535.5	535.3	534.8	534.2	533.6	533.0	532.4
115°	621.0	622.1	621.8	621.6	621.3	621.0	620.4	619.1	617.9	616.6	615.4
117.5°	704.0	705.2	704.3	703.4	702.4	701.5	701.0	701.0	701.1	701.1	701.2
120°	756.5	756.9	756.2	755.4	754.7	754.0	753.7	754.0	754.2	754.5	754.7
122.5°	807.3	807.8	807.4	807.1	806.8	806.4	805.7	804.8	803.8	802.9	801.9
125°	881.9	882.9	882.9	882.9	882.9	882.9	882.0	880.3	878.6	876.8	875.1
127.5°	949.3	949.8	949.9	950.1	950.2	950.4	949.9	948.6	947.4	946.2	944.9
130°	993.7	994.4	994.1	993.9	993.7	993.4	992.6	991.4	990.2	988.9	987.7
132.5°	1034.4	1034.5	1035.1	1035.6	1036.1	1036.7	1036.2	1034.8	1033.4	1031.9	1030.5
135°	1095.4	1095.8	1096.3	1096.8	1097.3	1097.8	1097.3	1095.8	1094.3	1092.9	1091.4
137.5°	1151.2	1151.2	1151.6	1152.0	1152.4	1152.9	1152.4	1151.2	1149.9	1148.6	1147.4
140°	1185.5	1185.0	1185.3	1185.5	1185.8	1186.0	1185.9	1185.3	1184.9	1184.4	1183.9
142.5°	1219.9	1219.8	1219.4	1219.1	1218.7	1218.4	1218.1	1217.8	1217.5	1217.2	1216.9
145°	1267.7	1267.5	1267.5	1267.5	1267.5	1267.5	1267.2	1266.8	1266.3	1265.8	1265.2
147.5°	1308.8	1308.5	1308.2	1307.9	1307.6	1307.3	1307.3	1307.3	1307.4	1307.5	1307.6
150°	1334.9	1334.4	1333.9	1333.4	1332.9	1332.4	1332.4	1332.9	1333.4	1333.9	1334.4
152.5°	1358.1	1357.5	1357.1	1356.6	1356.1	1355.6	1355.9	1357.0	1358.1	1359.2	1360.2
155°	1389.7	1389.1	1388.5	1388.0	1387.5	1387.1	1387.5	1389.1	1390.5	1392.0	1393.4
157.5°	1416.1	1415.3	1415.3	1415.2	1415.1	1415.1	1415.6	1416.4	1417.3	1418.2	1419.1
160°	1432.4	1431.4	1431.2	1430.9	1430.6	1430.4	1431.0	1432.4	1434.0	1435.5	1436.9
162.5°	1447.0	1445.6	1445.4	1445.2	1444.9	1444.7	1445.3	1446.7	1448.2	1449.8	1451.2
165°	1466.3	1464.8	1464.6	1464.3	1464.0	1463.8	1464.5	1465.9	1467.4	1468.9	1470.4
167.5°	1480.7	1478.9	1478.6	1478.3	1478.1	1477.9	1478.5	1480.1	1481.6	1483.2	1484.6
170°	1488.0	1486.0	1485.7	1485.5	1485.2	1485.0	1485.7	1487.5	1489.2	1491.0	1492.7
172.5°	1494.0	1492.2	1491.8	1491.3	1490.9	1490.5	1491.1	1492.8	1494.6	1496.3	1498.1
175°	1500.2	1498.2	1498.1	1497.8	1497.5	1497.3	1497.9	1499.3	1500.9	1502.4	1503.8
177.5°	1503.5	1502.0	1501.8	1501.7	1501.5	1501.2	1501.8	1503.0	1504.2	1505.3	1506.5
180°	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8



TEST NUMBER: P333652-935

CATALOG NUMBER: S125RDIW-S375D1340U935-4F0-1E-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°	5.5	5.5	5.1	5.6	6.0	6.2	6.5	6.7	6.9	7.1	7.4
90°	3.1	5.1	7.1	9.0	10.9	12.7	14.4	16.1	17.8	19.1	20.3
92.5°	15.8	14.4	13.0	11.6	11.7	13.3	14.7	16.3	17.8	19.1	20.3
95°	62.8	62.1	61.3	60.5	55.4	46.1	36.7	27.2	17.8	19.1	20.3
97.5°	134.0	135.3	136.6	138.0	129.3	110.7	92.1	73.4	54.8	47.9	40.9
100°	186.9	187.6	188.4	189.2	190.0	191.0	192.0	193.0	194.0	157.0	120.1
102.5°	241.5	242.5	243.4	244.4	245.1	245.7	246.3	246.8	247.5	240.5	233.5
105°	328.7	329.8	330.7	331.7	332.2	332.2	332.2	332.2	332.2	332.2	332.2
107.5°	418.3	418.3	418.3	418.3	418.5	419.0	419.5	420.0	420.5	420.5	420.6
110°	477.2	477.2	477.2	477.2	477.3	477.9	478.4	478.9	479.3	478.6	477.9



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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	533.0	533.6	534.2	534.8	535.3	535.5	535.8	536.1	536.4	535.5	534.5
115°	616.6	617.9	619.1	620.4	621.0	621.3	621.6	621.8	622.1	621.0	620.1
117.5°	701.1	701.1	701.0	701.0	701.5	702.4	703.4	704.3	705.2	704.0	702.7
120°	754.5	754.2	754.0	753.7	754.0	754.7	755.4	756.2	756.9	756.5	756.0
122.5°	802.9	803.8	804.8	805.7	806.4	806.8	807.1	807.4	807.8	807.3	806.8
125°	876.8	878.6	880.3	882.0	882.9	882.9	882.9	882.9	882.9	881.9	880.9
127.5°	946.2	947.4	948.6	949.9	950.4	950.2	950.1	949.9	949.8	949.3	948.7
130°	988.9	990.2	991.4	992.6	993.4	993.7	993.9	994.1	994.4	993.7	992.9
132.5°	1031.9	1033.4	1034.8	1036.2	1036.7	1036.1	1035.6	1035.1	1034.5	1034.4	1034.2
135°	1092.9	1094.3	1095.8	1097.3	1097.8	1097.3	1096.8	1096.3	1095.8	1095.4	1094.8
137.5°	1148.6	1149.9	1151.2	1152.4	1152.9	1152.4	1152.0	1151.6	1151.2	1151.2	1151.3
140°	1184.4	1184.9	1185.3	1185.9	1186.0	1185.8	1185.5	1185.3	1185.0	1185.5	1186.0
142.5°	1217.2	1217.5	1217.8	1218.1	1218.4	1218.7	1219.1	1219.4	1219.8	1219.9	1220.0
145°	1265.8	1266.3	1266.8	1267.2	1267.5	1267.5	1267.5	1267.5	1267.5	1267.7	1268.0
147.5°	1307.5	1307.4	1307.3	1307.3	1307.3	1307.6	1307.9	1308.2	1308.5	1308.8	1309.2
150°	1333.9	1333.4	1332.9	1332.4	1332.4	1332.9	1333.4	1333.9	1334.4	1334.9	1335.4
152.5°	1359.2	1358.1	1357.0	1355.9	1355.6	1356.1	1356.6	1357.1	1357.5	1358.1	1358.6
155°	1392.0	1390.5	1389.1	1387.5	1387.1	1387.5	1388.0	1388.5	1389.1	1389.7	1390.5
157.5°	1418.2	1417.3	1416.4	1415.6	1415.1	1415.1	1415.2	1415.3	1415.3	1416.1	1416.9
160°	1435.5	1434.0	1432.4	1431.0	1430.4	1430.6	1430.9	1431.2	1431.4	1432.4	1433.4
162.5°	1449.8	1448.2	1446.7	1445.3	1444.7	1444.9	1445.2	1445.4	1445.6	1447.0	1448.4
165°	1468.9	1467.4	1465.9	1464.5	1463.8	1464.0	1464.3	1464.6	1464.8	1466.3	1467.7
167.5°	1483.2	1481.6	1480.1	1478.5	1477.9	1478.1	1478.3	1478.6	1478.9	1480.7	1482.5
170°	1491.0	1489.2	1487.5	1485.7	1485.0	1485.2	1485.5	1485.7	1486.0	1488.0	1490.0
172.5°	1496.3	1494.6	1492.8	1491.1	1490.5	1490.9	1491.3	1491.8	1492.2	1494.0	1495.8
175°	1502.4	1500.9	1499.3	1497.9	1497.3	1497.5	1497.8	1498.1	1498.2	1500.2	1502.2
177.5°	1505.3	1504.2	1503.0	1501.8	1501.2	1501.5	1501.7	1501.8	1502.0	1503.5	1504.9
180°	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8



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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°	7.8	8.2	8.1	8.1	8.3	8.5	8.9
90°	21.5	22.8	23.8	24.5	25.2	26.0	26.8
92.5°	21.5	22.8	23.6	23.9	24.3	24.6	25.0
95°	21.5	22.8	23.4	23.4	23.4	23.4	23.4
97.5°	33.9	26.9	23.4	23.4	23.4	23.4	23.4
100°	83.3	46.3	27.4	26.3	25.4	24.4	23.4
102.5°	226.5	219.6	207.6	190.8	173.9	157.0	140.3
105°	332.2	332.2	332.1	331.8	331.6	331.3	331.1
107.5°	420.7	420.7	420.3	419.6	418.9	418.1	417.4
110°	477.2	476.4	476.1	476.4	476.6	476.9	477.2



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	533.6	532.7	532.0	531.7	531.3	531.0	530.6
115°	619.1	618.1	616.8	615.4	613.9	612.3	610.9
117.5°	701.4	700.1	699.0	698.4	697.8	697.2	696.5
120°	755.4	754.9	754.1	752.9	751.6	750.4	749.2
122.5°	806.2	805.8	804.8	803.4	801.9	800.5	799.1
125°	879.9	878.9	878.0	877.4	876.6	875.8	875.1
127.5°	948.1	947.6	946.4	944.6	942.8	940.9	939.1
130°	992.1	991.4	990.4	989.2	987.9	986.7	985.5
132.5°	1034.1	1033.9	1033.2	1032.0	1030.8	1029.5	1028.3
135°	1094.3	1093.8	1092.9	1091.4	1089.9	1088.4	1086.9
137.5°	1151.4	1151.5	1150.9	1149.6	1148.3	1147.0	1145.7
140°	1186.5	1187.0	1186.5	1185.0	1183.5	1182.1	1180.5
142.5°	1220.1	1220.2	1219.5	1218.0	1216.5	1215.0	1213.6
145°	1268.3	1268.5	1267.9	1266.4	1264.9	1263.4	1262.0
147.5°	1309.4	1309.8	1309.0	1307.2	1305.4	1303.6	1301.8
150°	1335.8	1336.4	1335.6	1333.6	1331.6	1329.6	1327.7
152.5°	1359.1	1359.5	1358.9	1357.1	1355.4	1353.6	1351.8
155°	1391.2	1392.0	1391.4	1389.4	1387.4	1385.4	1383.5
157.5°	1417.7	1418.5	1417.9	1415.9	1413.9	1412.0	1410.0
160°	1434.3	1435.4	1434.9	1432.9	1430.9	1428.9	1426.9
162.5°	1449.8	1451.2	1450.8	1448.6	1446.4	1444.2	1442.1
165°	1469.3	1470.8	1470.5	1468.5	1466.5	1464.6	1462.6
167.5°	1484.2	1486.0	1485.7	1483.5	1481.4	1479.1	1476.9
170°	1491.9	1493.9	1493.8	1491.6	1489.4	1487.1	1484.9
172.5°	1497.6	1499.3	1499.2	1496.9	1494.7	1492.5	1490.2
175°	1504.2	1506.1	1506.1	1503.8	1501.6	1499.3	1497.1
177.5°	1506.2	1507.6	1507.5	1505.9	1504.3	1502.7	1501.2
180°	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8	1503.8

(END OF REPORT)