

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: P333514-935

Luminaire Tested: **S125RDIP-S375D1205U935-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333514-935  
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: S125RDIP-S375D1205U935-4F0-1E-UDD-A  
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 375 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1205 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5403.6 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

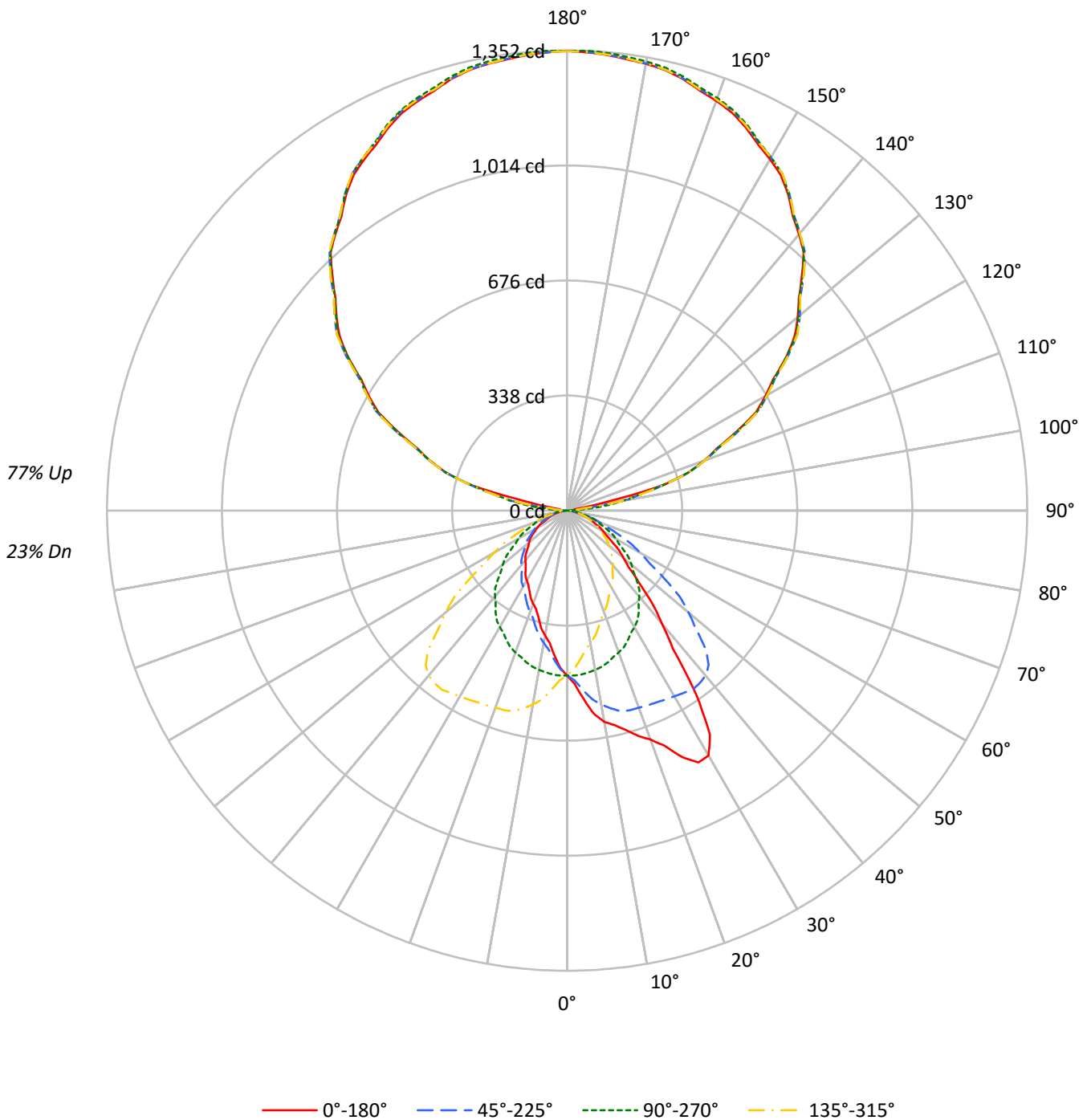
Input Watts (W): 42.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	101	101	101	101	90	90	90	90	68	68	68	49	49	49	32	32	32	23
1	92	88	84	81	82	78	75	73	60	58	56	43	42	41	28	28	27	20
2	84	77	71	66	74	69	64	60	53	50	47	38	36	35	25	24	23	17
3	77	68	61	55	68	60	55	50	47	43	40	34	32	29	22	21	20	15
4	70	60	52	47	62	53	47	42	41	37	34	30	28	25	20	18	17	13
5	64	53	46	40	57	48	41	36	37	32	29	27	24	22	18	16	15	11
6	59	48	40	34	52	43	36	31	33	29	25	25	21	19	16	15	13	10
7	54	43	35	30	48	38	32	27	30	25	22	22	19	17	15	13	12	9
8	50	39	31	26	45	35	28	24	27	23	19	20	17	15	14	12	10	8
9	47	35	28	23	42	32	25	21	25	20	17	19	15	13	13	11	9	7
10	44	32	25	21	39	29	23	19	23	18	15	17	14	12	12	10	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	0.9
10°-20°	136.2	2.5
20°-30°	215.9	4.0
30°-40°	260.4	4.8
40°-50°	232.6	4.3
50°-60°	178.3	3.3
60°-70°	115.9	2.1
70°-80°	56.3	1.0
80°-90°	16.2	0.3
90°-100°	49.1	0.9
100°-110°	302.3	5.6
110°-120°	548.3	10.1
120°-130°	703.7	13.0
130°-140°	756.9	14.0
140°-150°	710.4	13.1
150°-160°	574.7	10.6
160°-170°	371.7	6.9
170°-180°	128.2	2.4
0°-30°	398.6	7.4
0°-40°	659.0	12.2
0°-60°	1069.9	19.8
0°-90°	1258.4	23.3
90°-120°	899.7	16.6
90°-150°	3070.7	56.8
90°-180°	4145.0	76.7
0°-180°	5403.6	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°	24	1	24	1	24	11
95°	21	57	21	57	21	17
105°	297	294	297	294	297	269
115°	548	552	548	552	548	544
125°	786	786	786	786	786	699
135°	976	980	976	980	976	753
145°	1133	1136	1133	1136	1133	708
155°	1242	1251	1242	1251	1242	572
165°	1313	1320	1313	1320	1313	371
175°	1344	1350	1344	1350	1344	128
180°	1350	1350	1350	1350	1350	



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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°	8.3	8.0	7.7	7.6	7.6	7.7	7.4	7.0	6.8	6.5	6.4
90°	24.0	23.3	22.6	22.0	21.4	20.5	19.4	18.3	17.1	16.0	14.5
92.5°	22.4	22.1	21.8	21.4	21.2	20.5	19.4	18.3	17.1	16.0	14.6
95°	21.0	21.0	21.0	21.0	21.0	20.5	19.4	18.3	17.1	16.0	24.5
97.5°	21.0	21.0	21.0	21.0	21.0	24.1	30.4	36.7	43.0	49.2	66.0
100°	21.0	21.9	22.8	23.7	24.5	41.6	74.7	107.9	140.9	174.1	173.2
102.5°	125.9	141.0	156.1	171.3	186.4	197.1	203.4	209.6	215.9	222.1	221.6
105°	297.2	297.4	297.6	297.8	298.1	298.2	298.2	298.2	298.2	298.2	298.2
107.5°	374.6	375.3	376.0	376.6	377.3	377.6	377.5	377.5	377.5	377.5	377.0
110°	428.3	428.1	427.8	427.6	427.4	427.6	428.3	429.0	429.6	430.2	429.8



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	476.3	476.6	476.9	477.3	477.5	478.1	479.0	479.8	480.7	481.5	481.2
115°	548.4	549.7	551.0	552.3	553.7	554.8	555.7	556.6	557.5	558.4	558.1
117.5°	625.2	625.8	626.4	626.9	627.5	628.4	629.6	630.7	631.9	633.0	632.1
120°	672.4	673.6	674.7	675.8	676.9	677.7	678.1	678.6	679.0	679.4	678.7
122.5°	717.3	718.6	719.8	721.1	722.4	723.3	723.8	724.2	724.6	725.0	724.8
125°	785.5	786.2	786.9	787.5	788.2	788.9	789.8	790.7	791.6	792.5	792.5
127.5°	842.9	844.6	846.2	847.9	849.5	850.6	851.1	851.5	852.0	852.6	852.6
130°	884.6	885.7	886.8	887.9	889.0	889.9	890.5	891.2	891.9	892.6	892.3
132.5°	923.0	924.1	925.2	926.3	927.5	928.1	928.2	928.3	928.5	928.6	929.1
135°	975.6	977.0	978.3	979.6	980.9	981.9	982.3	982.7	983.2	983.6	984.0
137.5°	1028.5	1029.6	1030.8	1031.9	1033.1	1033.6	1033.5	1033.5	1033.4	1033.3	1033.6
140°	1059.7	1061.0	1062.4	1063.7	1065.0	1065.5	1065.0	1064.5	1064.1	1063.7	1063.9
142.5°	1089.3	1090.6	1092.0	1093.3	1094.7	1095.3	1095.2	1095.1	1095.0	1094.9	1094.6
145°	1132.7	1134.0	1135.4	1136.7	1138.1	1138.6	1138.4	1138.2	1138.0	1137.7	1137.7
147.5°	1168.5	1170.2	1171.7	1173.4	1174.9	1175.6	1175.4	1175.1	1174.8	1174.6	1174.3
150°	1191.8	1193.5	1195.3	1197.1	1198.9	1199.5	1199.1	1198.7	1198.2	1197.7	1197.3
152.5°	1213.4	1215.0	1216.6	1218.1	1219.8	1220.4	1220.0	1219.4	1219.0	1218.6	1218.1
155°	1241.8	1243.5	1245.4	1247.2	1248.9	1249.5	1248.8	1248.1	1247.5	1246.8	1246.4
157.5°	1265.6	1267.4	1269.2	1270.9	1272.7	1273.2	1272.6	1271.9	1271.1	1270.4	1270.4
160°	1280.8	1282.6	1284.4	1286.2	1288.0	1288.4	1287.5	1286.6	1285.7	1284.8	1284.6
162.5°	1294.4	1296.4	1298.3	1300.3	1302.3	1302.6	1301.4	1300.1	1298.9	1297.6	1297.4
165°	1312.9	1314.6	1316.4	1318.2	1319.9	1320.2	1318.9	1317.5	1316.2	1314.8	1314.6
167.5°	1325.7	1327.7	1329.6	1331.6	1333.7	1333.9	1332.2	1330.7	1329.0	1327.5	1327.2
170°	1332.8	1334.9	1336.9	1338.9	1340.8	1341.0	1339.2	1337.4	1335.7	1333.9	1333.6
172.5°	1337.6	1339.6	1341.7	1343.7	1345.7	1345.8	1344.3	1342.6	1341.1	1339.5	1339.0
175°	1343.8	1345.8	1347.9	1349.9	1351.9	1351.9	1350.2	1348.4	1346.6	1344.9	1344.6
177.5°	1347.5	1348.8	1350.3	1351.8	1353.1	1353.2	1352.0	1350.7	1349.5	1348.2	1348.1
180°	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9



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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°	6.2	5.9	5.8	5.4	4.9	5.3	5.5	5.3	5.3	5.3	5.4
90°	12.9	11.4	9.8	8.1	6.4	4.6	2.8	1.0	2.8	4.6	6.4
92.5°	13.3	11.9	10.5	10.4	11.7	12.9	14.2	15.4	14.2	12.9	11.7
95°	32.9	41.3	49.9	54.3	55.0	55.7	56.4	57.0	56.4	55.7	55.0
97.5°	82.7	99.4	116.1	123.9	122.7	121.5	120.3	119.1	120.3	121.5	122.7
100°	172.4	171.4	170.6	169.8	169.1	168.4	167.8	167.1	167.8	168.4	169.1
102.5°	221.1	220.5	220.0	219.3	218.4	217.7	216.8	215.9	216.8	217.7	218.4
105°	298.2	298.2	298.2	297.7	296.9	295.9	295.1	294.2	295.1	295.9	296.9
107.5°	376.5	376.1	375.7	375.5	375.5	375.5	375.5	375.5	375.5	375.5	375.5
110°	429.4	429.0	428.5	428.3	428.3	428.3	428.3	428.3	428.3	428.3	428.3





TEST NUMBER: P333514-935

CATALOG NUMBER: S125RDIP-S375D1205U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	481.0	480.7	480.4	480.0	479.5	479.0	478.5	477.9	478.5	479.0	479.5
115°	557.9	557.7	557.5	556.8	555.7	554.6	553.5	552.3	553.5	554.6	555.7
117.5°	631.3	630.5	629.6	629.2	629.3	629.3	629.4	629.4	629.4	629.3	629.3
120°	678.1	677.4	676.7	676.6	676.7	677.0	677.2	677.4	677.2	677.0	676.7
122.5°	724.4	724.1	723.8	723.2	722.4	721.5	720.7	719.9	720.7	721.5	722.4
125°	792.5	792.5	792.5	791.7	790.1	788.6	787.0	785.5	787.0	788.6	790.1
127.5°	852.8	852.9	853.1	852.6	851.4	850.3	849.3	848.2	849.3	850.3	851.4
130°	892.2	891.9	891.7	891.0	889.9	888.8	887.7	886.6	887.7	888.8	889.9
132.5°	929.5	930.1	930.6	930.1	928.8	927.6	926.3	925.0	926.3	927.6	928.8
135°	984.6	985.0	985.4	985.0	983.6	982.3	980.9	979.6	980.9	982.3	983.6
137.5°	1034.1	1034.5	1034.8	1034.5	1033.3	1032.2	1031.0	1029.8	1031.0	1032.2	1033.3
140°	1064.1	1064.4	1064.5	1064.5	1064.0	1063.6	1063.2	1062.6	1063.2	1063.6	1064.0
142.5°	1094.2	1094.0	1093.6	1093.4	1093.1	1092.9	1092.5	1092.3	1092.5	1092.9	1093.1
145°	1137.7	1137.7	1137.7	1137.5	1137.0	1136.6	1136.2	1135.7	1136.2	1136.6	1137.0
147.5°	1174.0	1173.7	1173.5	1173.4	1173.5	1173.5	1173.6	1173.7	1173.6	1173.5	1173.5
150°	1196.9	1196.4	1196.0	1196.0	1196.4	1196.9	1197.3	1197.7	1197.3	1196.9	1196.4
152.5°	1217.7	1217.3	1216.8	1217.0	1218.1	1219.0	1220.0	1221.0	1220.0	1219.0	1218.1
155°	1245.9	1245.4	1245.0	1245.4	1246.8	1248.1	1249.5	1250.8	1249.5	1248.1	1246.8
157.5°	1270.3	1270.3	1270.2	1270.6	1271.4	1272.2	1273.0	1273.8	1273.0	1272.2	1271.4
160°	1284.4	1284.2	1283.9	1284.5	1285.8	1287.2	1288.5	1289.9	1288.5	1287.2	1285.8
162.5°	1297.2	1296.9	1296.8	1297.3	1298.6	1299.9	1301.3	1302.6	1301.3	1299.9	1298.6
165°	1314.4	1314.1	1314.0	1314.5	1315.9	1317.2	1318.5	1319.8	1318.5	1317.2	1315.9
167.5°	1327.0	1326.8	1326.5	1327.1	1328.5	1329.9	1331.3	1332.7	1331.3	1329.9	1328.5
170°	1333.4	1333.2	1333.0	1333.6	1335.2	1336.7	1338.3	1339.9	1338.3	1336.7	1335.2
172.5°	1338.7	1338.3	1337.8	1338.4	1340.0	1341.5	1343.1	1344.6	1343.1	1341.5	1340.0
175°	1344.5	1344.2	1343.9	1344.5	1345.8	1347.2	1348.5	1349.9	1348.5	1347.2	1345.8
177.5°	1347.9	1347.7	1347.6	1348.0	1349.1	1350.1	1351.2	1352.3	1351.2	1350.1	1349.1
180°	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9



TEST NUMBER: P333514-935

CATALOG NUMBER: S125RDIP-S375D1205U935-4F0-1E-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°	5.6	5.9	6.1	6.7	6.5	7.1	7.2	7.3	7.5	7.7	7.7
90°	8.1	9.8	11.4	12.9	14.5	16.0	17.1	18.3	19.4	20.5	21.4
92.5°	10.4	10.5	11.9	13.3	14.6	16.0	17.1	18.3	19.4	20.5	21.2
95°	54.3	49.9	41.3	32.9	24.5	16.0	17.1	18.3	19.4	20.5	21.0
97.5°	123.9	116.1	99.4	82.7	66.0	49.2	43.0	36.7	30.4	24.1	21.0
100°	169.8	170.6	171.4	172.4	173.2	174.1	140.9	107.9	74.7	41.6	24.5
102.5°	219.3	220.0	220.5	221.1	221.6	222.1	215.9	209.6	203.4	197.1	186.4
105°	297.7	298.2	298.2	298.2	298.2	298.2	298.2	298.2	298.2	298.2	298.1
107.5°	375.5	375.7	376.1	376.5	377.0	377.5	377.5	377.5	377.5	377.6	377.3
110°	428.3	428.5	429.0	429.4	429.8	430.2	429.6	429.0	428.3	427.6	427.4



TEST NUMBER: P333514-935

CATALOG NUMBER: S125RDIP-S375D1205U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	480.0	480.4	480.7	481.0	481.2	481.5	480.7	479.8	479.0	478.1	477.5
115°	556.8	557.5	557.7	557.9	558.1	558.4	557.5	556.6	555.7	554.8	553.7
117.5°	629.2	629.6	630.5	631.3	632.1	633.0	631.9	630.7	629.6	628.4	627.5
120°	676.6	676.7	677.4	678.1	678.7	679.4	679.0	678.6	678.1	677.7	676.9
122.5°	723.2	723.8	724.1	724.4	724.8	725.0	724.6	724.2	723.8	723.3	722.4
125°	791.7	792.5	792.5	792.5	792.5	792.5	791.6	790.7	789.8	788.9	788.2
127.5°	852.6	853.1	852.9	852.8	852.6	852.6	852.0	851.5	851.1	850.6	849.5
130°	891.0	891.7	891.9	892.2	892.3	892.6	891.9	891.2	890.5	889.9	889.0
132.5°	930.1	930.6	930.1	929.5	929.1	928.6	928.5	928.3	928.2	928.1	927.5
135°	985.0	985.4	985.0	984.6	984.0	983.6	983.2	982.7	982.3	981.9	980.9
137.5°	1034.5	1034.8	1034.5	1034.1	1033.6	1033.3	1033.4	1033.5	1033.5	1033.6	1033.1
140°	1064.5	1064.5	1064.4	1064.1	1063.9	1063.7	1064.1	1064.5	1065.0	1065.5	1065.0
142.5°	1093.4	1093.6	1094.0	1094.2	1094.6	1094.9	1095.0	1095.1	1095.2	1095.3	1094.7
145°	1137.5	1137.7	1137.7	1137.7	1137.7	1137.7	1138.0	1138.2	1138.4	1138.6	1138.1
147.5°	1173.4	1173.5	1173.7	1174.0	1174.3	1174.6	1174.8	1175.1	1175.4	1175.6	1174.9
150°	1196.0	1196.0	1196.4	1196.9	1197.3	1197.7	1198.2	1198.7	1199.1	1199.5	1198.9
152.5°	1217.0	1216.8	1217.3	1217.7	1218.1	1218.6	1219.0	1219.4	1220.0	1220.4	1219.8
155°	1245.4	1245.0	1245.4	1245.9	1246.4	1246.8	1247.5	1248.1	1248.8	1249.5	1248.9
157.5°	1270.6	1270.2	1270.3	1270.3	1270.4	1270.4	1271.1	1271.9	1272.6	1273.2	1272.7
160°	1284.5	1283.9	1284.2	1284.4	1284.6	1284.8	1285.7	1286.6	1287.5	1288.4	1288.0
162.5°	1297.3	1296.8	1296.9	1297.2	1297.4	1297.6	1298.9	1300.1	1301.4	1302.6	1302.3
165°	1314.5	1314.0	1314.1	1314.4	1314.6	1314.8	1316.2	1317.5	1318.9	1320.2	1319.9
167.5°	1327.1	1326.5	1326.8	1327.0	1327.2	1327.5	1329.0	1330.7	1332.2	1333.9	1333.7
170°	1333.6	1333.0	1333.2	1333.4	1333.6	1333.9	1335.7	1337.4	1339.2	1341.0	1340.8
172.5°	1338.4	1337.8	1338.3	1338.7	1339.0	1339.5	1341.1	1342.6	1344.3	1345.8	1345.7
175°	1344.5	1343.9	1344.2	1344.5	1344.6	1344.9	1346.6	1348.4	1350.2	1351.9	1351.9
177.5°	1348.0	1347.6	1347.7	1347.9	1348.1	1348.2	1349.5	1350.7	1352.0	1353.2	1353.1
180°	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9



TEST NUMBER: P333514-935

CATALOG NUMBER: S125RDIP-S375D1205U935-4F0-1E-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°	8.1	8.0	8.2	8.3	8.2	8.0	8.1	7.7	7.7	7.5	7.3
90°	22.0	22.6	23.3	24.0	23.3	22.6	22.0	21.4	20.5	19.4	18.3
92.5°	21.4	21.8	22.1	22.4	22.1	21.8	21.4	21.2	20.5	19.4	18.3
95°	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	20.5	19.4	18.3
97.5°	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	24.1	30.4	36.7
100°	23.7	22.8	21.9	21.0	21.9	22.8	23.7	24.5	41.6	74.7	107.9
102.5°	171.3	156.1	141.0	125.9	141.0	156.1	171.3	186.4	197.1	203.4	209.6
105°	297.8	297.6	297.4	297.2	297.4	297.6	297.8	298.1	298.2	298.2	298.2
107.5°	376.6	376.0	375.3	374.6	375.3	376.0	376.6	377.3	377.6	377.5	377.5
110°	427.6	427.8	428.1	428.3	428.1	427.8	427.6	427.4	427.6	428.3	429.0



TEST NUMBER: P333514-935

CATALOG NUMBER: S125RDIP-S375D1205U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	477.3	476.9	476.6	476.3	476.6	476.9	477.3	477.5	478.1	479.0	479.8
115°	552.3	551.0	549.7	548.4	549.7	551.0	552.3	553.7	554.8	555.7	556.6
117.5°	626.9	626.4	625.8	625.2	625.8	626.4	626.9	627.5	628.4	629.6	630.7
120°	675.8	674.7	673.6	672.4	673.6	674.7	675.8	676.9	677.7	678.1	678.6
122.5°	721.1	719.8	718.6	717.3	718.6	719.8	721.1	722.4	723.3	723.8	724.2
125°	787.5	786.9	786.2	785.5	786.2	786.9	787.5	788.2	788.9	789.8	790.7
127.5°	847.9	846.2	844.6	842.9	844.6	846.2	847.9	849.5	850.6	851.1	851.5
130°	887.9	886.8	885.7	884.6	885.7	886.8	887.9	889.0	889.9	890.5	891.2
132.5°	926.3	925.2	924.1	923.0	924.1	925.2	926.3	927.5	928.1	928.2	928.3
135°	979.6	978.3	977.0	975.6	977.0	978.3	979.6	980.9	981.9	982.3	982.7
137.5°	1031.9	1030.8	1029.6	1028.5	1029.6	1030.8	1031.9	1033.1	1033.6	1033.5	1033.5
140°	1063.7	1062.4	1061.0	1059.7	1061.0	1062.4	1063.7	1065.0	1065.5	1065.0	1064.5
142.5°	1093.3	1092.0	1090.6	1089.3	1090.6	1092.0	1093.3	1094.7	1095.3	1095.2	1095.1
145°	1136.7	1135.4	1134.0	1132.7	1134.0	1135.4	1136.7	1138.1	1138.6	1138.4	1138.2
147.5°	1173.4	1171.7	1170.2	1168.5	1170.2	1171.7	1173.4	1174.9	1175.6	1175.4	1175.1
150°	1197.1	1195.3	1193.5	1191.8	1193.5	1195.3	1197.1	1198.9	1199.5	1199.1	1198.7
152.5°	1218.1	1216.6	1215.0	1213.4	1215.0	1216.6	1218.1	1219.8	1220.4	1220.0	1219.4
155°	1247.2	1245.4	1243.5	1241.8	1243.5	1245.4	1247.2	1248.9	1249.5	1248.8	1248.1
157.5°	1270.9	1269.2	1267.4	1265.6	1267.4	1269.2	1270.9	1272.7	1273.2	1272.6	1271.9
160°	1286.2	1284.4	1282.6	1280.8	1282.6	1284.4	1286.2	1288.0	1288.4	1287.5	1286.6
162.5°	1300.3	1298.3	1296.4	1294.4	1296.4	1298.3	1300.3	1302.3	1302.6	1301.4	1300.1
165°	1318.2	1316.4	1314.6	1312.9	1314.6	1316.4	1318.2	1319.9	1320.2	1318.9	1317.5
167.5°	1331.6	1329.6	1327.7	1325.7	1327.7	1329.6	1331.6	1333.7	1333.9	1332.2	1330.7
170°	1338.9	1336.9	1334.9	1332.8	1334.9	1336.9	1338.9	1340.8	1341.0	1339.2	1337.4
172.5°	1343.7	1341.7	1339.6	1337.6	1339.6	1341.7	1343.7	1345.7	1345.8	1344.3	1342.6
175°	1349.9	1347.9	1345.8	1343.8	1345.8	1347.9	1349.9	1351.9	1351.9	1350.2	1348.4
177.5°	1351.8	1350.3	1348.8	1347.5	1348.8	1350.3	1351.8	1353.1	1353.2	1352.0	1350.7
180°	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9



TEST NUMBER: P333514-935

CATALOG NUMBER: S125RDIP-S375D1205U935-4F0-1E-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°	7.2	7.1	6.5	6.7	6.1	5.9	5.6	5.4	5.3	5.3	5.3
90°	17.1	16.0	14.5	12.9	11.4	9.8	8.1	6.4	4.6	2.8	1.0
92.5°	17.1	16.0	14.6	13.3	11.9	10.5	10.4	11.7	12.9	14.2	15.4
95°	17.1	16.0	24.5	32.9	41.3	49.9	54.3	55.0	55.7	56.4	57.0
97.5°	43.0	49.2	66.0	82.7	99.4	116.1	123.9	122.7	121.5	120.3	119.1
100°	140.9	174.1	173.2	172.4	171.4	170.6	169.8	169.1	168.4	167.8	167.1
102.5°	215.9	222.1	221.6	221.1	220.5	220.0	219.3	218.4	217.7	216.8	215.9
105°	298.2	298.2	298.2	298.2	298.2	298.2	297.7	296.9	295.9	295.1	294.2
107.5°	377.5	377.5	377.0	376.5	376.1	375.7	375.5	375.5	375.5	375.5	375.5
110°	429.6	430.2	429.8	429.4	429.0	428.5	428.3	428.3	428.3	428.3	428.3



TEST NUMBER: P333514-935

CATALOG NUMBER: S125RDIP-S375D1205U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	480.7	481.5	481.2	481.0	480.7	480.4	480.0	479.5	479.0	478.5	477.9
115°	557.5	558.4	558.1	557.9	557.7	557.5	556.8	555.7	554.6	553.5	552.3
117.5°	631.9	633.0	632.1	631.3	630.5	629.6	629.2	629.3	629.3	629.4	629.4
120°	679.0	679.4	678.7	678.1	677.4	676.7	676.6	676.7	677.0	677.2	677.4
122.5°	724.6	725.0	724.8	724.4	724.1	723.8	723.2	722.4	721.5	720.7	719.9
125°	791.6	792.5	792.5	792.5	792.5	792.5	791.7	790.1	788.6	787.0	785.5
127.5°	852.0	852.6	852.6	852.8	852.9	853.1	852.6	851.4	850.3	849.3	848.2
130°	891.9	892.6	892.3	892.2	891.9	891.7	891.0	889.9	888.8	887.7	886.6
132.5°	928.5	928.6	929.1	929.5	930.1	930.6	930.1	928.8	927.6	926.3	925.0
135°	983.2	983.6	984.0	984.6	985.0	985.4	985.0	983.6	982.3	980.9	979.6
137.5°	1033.4	1033.3	1033.6	1034.1	1034.5	1034.8	1034.5	1033.3	1032.2	1031.0	1029.8
140°	1064.1	1063.7	1063.9	1064.1	1064.4	1064.5	1064.5	1064.0	1063.6	1063.2	1062.6
142.5°	1095.0	1094.9	1094.6	1094.2	1094.0	1093.6	1093.4	1093.1	1092.9	1092.5	1092.3
145°	1138.0	1137.7	1137.7	1137.7	1137.7	1137.7	1137.5	1137.0	1136.6	1136.2	1135.7
147.5°	1174.8	1174.6	1174.3	1174.0	1173.7	1173.5	1173.4	1173.5	1173.5	1173.6	1173.7
150°	1198.2	1197.7	1197.3	1196.9	1196.4	1196.0	1196.0	1196.4	1196.9	1197.3	1197.7
152.5°	1219.0	1218.6	1218.1	1217.7	1217.3	1216.8	1217.0	1218.1	1219.0	1220.0	1221.0
155°	1247.5	1246.8	1246.4	1245.9	1245.4	1245.0	1245.4	1246.8	1248.1	1249.5	1250.8
157.5°	1271.1	1270.4	1270.4	1270.3	1270.3	1270.2	1270.6	1271.4	1272.2	1273.0	1273.8
160°	1285.7	1284.8	1284.6	1284.4	1284.2	1283.9	1284.5	1285.8	1287.2	1288.5	1289.9
162.5°	1298.9	1297.6	1297.4	1297.2	1296.9	1296.8	1297.3	1298.6	1299.9	1301.3	1302.6
165°	1316.2	1314.8	1314.6	1314.4	1314.1	1314.0	1314.5	1315.9	1317.2	1318.5	1319.8
167.5°	1329.0	1327.5	1327.2	1327.0	1326.8	1326.5	1327.1	1328.5	1329.9	1331.3	1332.7
170°	1335.7	1333.9	1333.6	1333.4	1333.2	1333.0	1333.6	1335.2	1336.7	1338.3	1339.9
172.5°	1341.1	1339.5	1339.0	1338.7	1338.3	1337.8	1338.4	1340.0	1341.5	1343.1	1344.6
175°	1346.6	1344.9	1344.6	1344.5	1344.2	1343.9	1344.5	1345.8	1347.2	1348.5	1349.9
177.5°	1349.5	1348.2	1348.1	1347.9	1347.7	1347.6	1348.0	1349.1	1350.1	1351.2	1352.3
180°	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9



TEST NUMBER: P333514-935

CATALOG NUMBER: S125RDIP-S375D1205U935-4F0-1E-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	5.3	4.9	5.4	5.8	5.9	6.2	6.4	6.5	6.8	7.0
90°	2.8	4.6	6.4	8.1	9.8	11.4	12.9	14.5	16.0	17.1	18.3
92.5°	14.2	12.9	11.7	10.4	10.5	11.9	13.3	14.6	16.0	17.1	18.3
95°	56.4	55.7	55.0	54.3	49.9	41.3	32.9	24.5	16.0	17.1	18.3
97.5°	120.3	121.5	122.7	123.9	116.1	99.4	82.7	66.0	49.2	43.0	36.7
100°	167.8	168.4	169.1	169.8	170.6	171.4	172.4	173.2	174.1	140.9	107.9
102.5°	216.8	217.7	218.4	219.3	220.0	220.5	221.1	221.6	222.1	215.9	209.6
105°	295.1	295.9	296.9	297.7	298.2	298.2	298.2	298.2	298.2	298.2	298.2
107.5°	375.5	375.5	375.5	375.5	375.7	376.1	376.5	377.0	377.5	377.5	377.5
110°	428.3	428.3	428.3	428.3	428.5	429.0	429.4	429.8	430.2	429.6	429.0





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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	478.5	479.0	479.5	480.0	480.4	480.7	481.0	481.2	481.5	480.7	479.8
115°	553.5	554.6	555.7	556.8	557.5	557.7	557.9	558.1	558.4	557.5	556.6
117.5°	629.4	629.3	629.3	629.2	629.6	630.5	631.3	632.1	633.0	631.9	630.7
120°	677.2	677.0	676.7	676.6	676.7	677.4	678.1	678.7	679.4	679.0	678.6
122.5°	720.7	721.5	722.4	723.2	723.8	724.1	724.4	724.8	725.0	724.6	724.2
125°	787.0	788.6	790.1	791.7	792.5	792.5	792.5	792.5	792.5	791.6	790.7
127.5°	849.3	850.3	851.4	852.6	853.1	852.9	852.8	852.6	852.6	852.0	851.5
130°	887.7	888.8	889.9	891.0	891.7	891.9	892.2	892.3	892.6	891.9	891.2
132.5°	926.3	927.6	928.8	930.1	930.6	930.1	929.5	929.1	928.6	928.5	928.3
135°	980.9	982.3	983.6	985.0	985.4	985.0	984.6	984.0	983.6	983.2	982.7
137.5°	1031.0	1032.2	1033.3	1034.5	1034.8	1034.5	1034.1	1033.6	1033.3	1033.4	1033.5
140°	1063.2	1063.6	1064.0	1064.5	1064.5	1064.4	1064.1	1063.9	1063.7	1064.1	1064.5
142.5°	1092.5	1092.9	1093.1	1093.4	1093.6	1094.0	1094.2	1094.6	1094.9	1095.0	1095.1
145°	1136.2	1136.6	1137.0	1137.5	1137.7	1137.7	1137.7	1137.7	1137.7	1138.0	1138.2
147.5°	1173.6	1173.5	1173.5	1173.4	1173.5	1173.7	1174.0	1174.3	1174.6	1174.8	1175.1
150°	1197.3	1196.9	1196.4	1196.0	1196.0	1196.4	1196.9	1197.3	1197.7	1198.2	1198.7
152.5°	1220.0	1219.0	1218.1	1217.0	1216.8	1217.3	1217.7	1218.1	1218.6	1219.0	1219.4
155°	1249.5	1248.1	1246.8	1245.4	1245.0	1245.4	1245.9	1246.4	1246.8	1247.5	1248.1
157.5°	1273.0	1272.2	1271.4	1270.6	1270.2	1270.3	1270.3	1270.4	1270.4	1271.1	1271.9
160°	1288.5	1287.2	1285.8	1284.5	1283.9	1284.2	1284.4	1284.6	1284.8	1285.7	1286.6
162.5°	1301.3	1299.9	1298.6	1297.3	1296.8	1296.9	1297.2	1297.4	1297.6	1298.9	1300.1
165°	1318.5	1317.2	1315.9	1314.5	1314.0	1314.1	1314.4	1314.6	1314.8	1316.2	1317.5
167.5°	1331.3	1329.9	1328.5	1327.1	1326.5	1326.8	1327.0	1327.2	1327.5	1329.0	1330.7
170°	1338.3	1336.7	1335.2	1333.6	1333.0	1333.2	1333.4	1333.6	1333.9	1335.7	1337.4
172.5°	1343.1	1341.5	1340.0	1338.4	1337.8	1338.3	1338.7	1339.0	1339.5	1341.1	1342.6
175°	1348.5	1347.2	1345.8	1344.5	1343.9	1344.2	1344.5	1344.6	1344.9	1346.6	1348.4
177.5°	1351.2	1350.1	1349.1	1348.0	1347.6	1347.7	1347.9	1348.1	1348.2	1349.5	1350.7
180°	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9



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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°	7.4	7.7	7.6	7.6	7.7	8.0	8.3
90°	19.4	20.5	21.4	22.0	22.6	23.3	24.0
92.5°	19.4	20.5	21.2	21.4	21.8	22.1	22.4
95°	19.4	20.5	21.0	21.0	21.0	21.0	21.0
97.5°	30.4	24.1	21.0	21.0	21.0	21.0	21.0
100°	74.7	41.6	24.5	23.7	22.8	21.9	21.0
102.5°	203.4	197.1	186.4	171.3	156.1	141.0	125.9
105°	298.2	298.2	298.1	297.8	297.6	297.4	297.2
107.5°	377.5	377.6	377.3	376.6	376.0	375.3	374.6
110°	428.3	427.6	427.4	427.6	427.8	428.1	428.3



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	479.0	478.1	477.5	477.3	476.9	476.6	476.3
115°	555.7	554.8	553.7	552.3	551.0	549.7	548.4
117.5°	629.6	628.4	627.5	626.9	626.4	625.8	625.2
120°	678.1	677.7	676.9	675.8	674.7	673.6	672.4
122.5°	723.8	723.3	722.4	721.1	719.8	718.6	717.3
125°	789.8	788.9	788.2	787.5	786.9	786.2	785.5
127.5°	851.1	850.6	849.5	847.9	846.2	844.6	842.9
130°	890.5	889.9	889.0	887.9	886.8	885.7	884.6
132.5°	928.2	928.1	927.5	926.3	925.2	924.1	923.0
135°	982.3	981.9	980.9	979.6	978.3	977.0	975.6
137.5°	1033.5	1033.6	1033.1	1031.9	1030.8	1029.6	1028.5
140°	1065.0	1065.5	1065.0	1063.7	1062.4	1061.0	1059.7
142.5°	1095.2	1095.3	1094.7	1093.3	1092.0	1090.6	1089.3
145°	1138.4	1138.6	1138.1	1136.7	1135.4	1134.0	1132.7
147.5°	1175.4	1175.6	1174.9	1173.4	1171.7	1170.2	1168.5
150°	1199.1	1199.5	1198.9	1197.1	1195.3	1193.5	1191.8
152.5°	1220.0	1220.4	1219.8	1218.1	1216.6	1215.0	1213.4
155°	1248.8	1249.5	1248.9	1247.2	1245.4	1243.5	1241.8
157.5°	1272.6	1273.2	1272.7	1270.9	1269.2	1267.4	1265.6
160°	1287.5	1288.4	1288.0	1286.2	1284.4	1282.6	1280.8
162.5°	1301.4	1302.6	1302.3	1300.3	1298.3	1296.4	1294.4
165°	1318.9	1320.2	1319.9	1318.2	1316.4	1314.6	1312.9
167.5°	1332.2	1333.9	1333.7	1331.6	1329.6	1327.7	1325.7
170°	1339.2	1341.0	1340.8	1338.9	1336.9	1334.9	1332.8
172.5°	1344.3	1345.8	1345.7	1343.7	1341.7	1339.6	1337.6
175°	1350.2	1351.9	1351.9	1349.9	1347.9	1345.8	1343.8
177.5°	1352.0	1353.2	1353.1	1351.8	1350.3	1348.8	1347.5
180°	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9	1349.9

(END OF REPORT)