

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: P333508-940

Luminaire Tested: **S125RDIP-S375D1035U940-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333508-940
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: S125RDIP-S375D1035U940-4F0-1E-UDD-A
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 375 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1035 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4991.2 lumens
Efficiency: N/A
Efficacy: 133.8 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

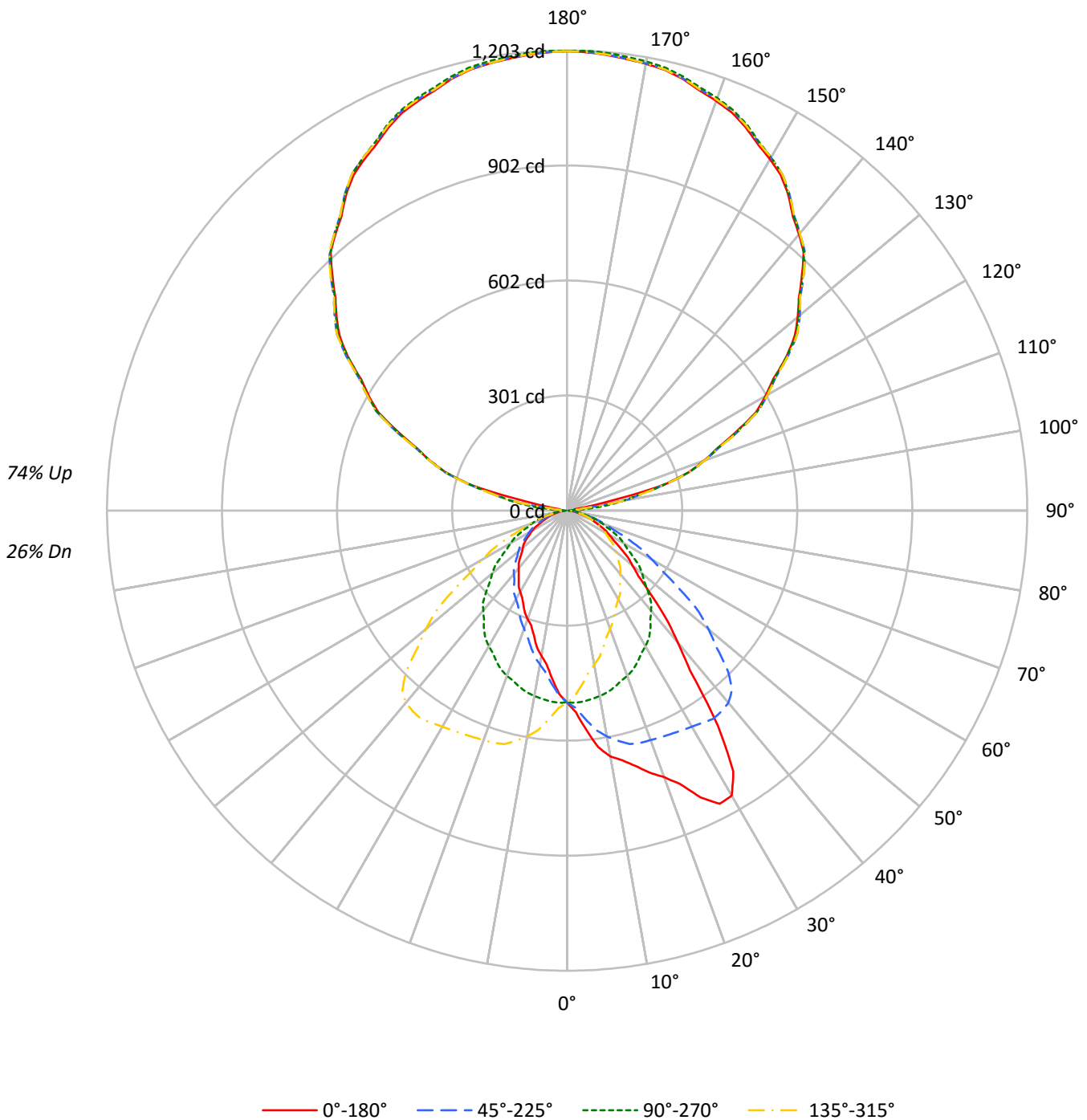
Input Watts (W): 37.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20										
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	50	30	10	0														
RCR																																						
0	101	101	101	101	91	91	91	91	70	70	70	51	51	51	34	34	34	26																				
1	93	89	85	82	83	79	76	73	62	60	58	45	44	43	30	30	29	22																				
2	84	78	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	41	36	33	31	24	23	21	16																				
4	71	60	53	47	63	54	48	43	43	38	35	32	29	26	22	20	19	14																				
5	65	54	46	40	58	48	42	37	38	33	30	28	25	23	20	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



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.1	1.0
10°-20°	141.1	2.8
20°-30°	223.6	4.5
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°	16.4	0.3
90°-100°	43.6	0.9
100°-110°	269.0	5.4
110°-120°	487.9	9.8
120°-130°	626.1	12.5
130°-140°	673.4	13.5
140°-150°	632.1	12.7
150°-160°	511.3	10.2
160°-170°	330.7	6.6
170°-180°	114.1	2.3
0°-30°	412.8	8.3
0°-40°	682.5	13.7
0°-60°	1108.1	22.2
0°-90°	1302.9	26.1
90°-120°	800.5	16.0
90°-150°	2732.2	54.7
90°-180°	3688.0	73.9
0°-180°	4991.2	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°	21	1	21	1	21	10
95°	19	51	19	51	19	15
105°	264	262	264	262	264	239
115°	488	492	488	492	488	484
125°	699	699	699	699	699	622
135°	868	872	868	872	868	670
145°	1008	1011	1008	1011	1008	630
155°	1105	1113	1105	1113	1105	509
165°	1168	1174	1168	1174	1168	330
175°	1196	1201	1196	1201	1196	114
180°	1201	1201	1201	1201	1201	



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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	7.6	7.3	7.2	7.2	7.4	7.0	6.7	6.5	6.3	6.2
90°	21.4	20.8	20.2	19.6	19.0	18.2	17.2	16.2	15.2	14.3	12.8
92.5°	20.0	19.7	19.4	19.1	18.8	18.2	17.2	16.2	15.2	14.3	13.0
95°	18.7	18.7	18.7	18.7	18.7	18.2	17.2	16.2	15.2	14.3	21.8
97.5°	18.7	18.7	18.7	18.7	18.7	21.5	27.1	32.6	38.3	43.8	58.7
100°	18.7	19.5	20.2	21.0	21.8	37.0	66.5	95.9	125.5	154.9	154.1
102.5°	112.0	125.5	138.9	152.4	165.9	175.3	180.9	186.5	192.1	197.7	197.2
105°	264.4	264.7	264.8	265.0	265.2	265.3	265.3	265.3	265.3	265.3	265.3
107.5°	333.3	333.9	334.6	335.1	335.7	336.0	336.0	335.9	335.9	335.8	335.5
110°	381.0	380.8	380.7	380.5	380.3	380.5	381.0	381.7	382.3	382.8	382.5



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	423.8	424.1	424.4	424.6	424.9	425.4	426.1	427.0	427.7	428.5	428.2
115°	487.9	489.1	490.3	491.5	492.7	493.7	494.5	495.3	496.1	496.8	496.6
117.5°	556.2	556.8	557.3	557.9	558.3	559.1	560.2	561.2	562.2	563.2	562.5
120°	598.3	599.3	600.3	601.3	602.3	603.0	603.3	603.8	604.1	604.6	604.0
122.5°	638.2	639.4	640.5	641.7	642.7	643.5	644.0	644.4	644.7	645.2	644.9
125°	698.9	699.5	700.1	700.7	701.3	702.0	702.8	703.6	704.4	705.2	705.2
127.5°	750.0	751.5	753.0	754.4	755.9	756.8	757.2	757.7	758.1	758.6	758.7
130°	787.0	788.1	789.1	790.1	791.0	791.8	792.4	793.0	793.6	794.2	794.0
132.5°	821.3	822.2	823.2	824.2	825.2	825.7	825.9	826.0	826.1	826.3	826.7
135°	868.1	869.2	870.5	871.6	872.8	873.6	874.1	874.4	874.8	875.2	875.6
137.5°	915.1	916.1	917.1	918.2	919.2	919.7	919.6	919.5	919.4	919.4	919.7
140°	942.9	944.1	945.2	946.5	947.6	948.0	947.6	947.3	946.8	946.5	946.6
142.5°	969.2	970.4	971.6	972.8	974.0	974.6	974.5	974.4	974.3	974.2	973.9
145°	1007.9	1009.1	1010.2	1011.5	1012.6	1013.1	1012.9	1012.7	1012.5	1012.4	1012.4
147.5°	1039.7	1041.2	1042.6	1044.0	1045.4	1046.1	1045.8	1045.5	1045.4	1045.1	1044.8
150°	1060.4	1061.9	1063.5	1065.1	1066.8	1067.3	1066.9	1066.6	1066.1	1065.8	1065.3
152.5°	1079.6	1081.0	1082.4	1083.9	1085.3	1085.8	1085.5	1085.0	1084.7	1084.2	1083.9
155°	1104.9	1106.5	1108.0	1109.6	1111.3	1111.8	1111.2	1110.5	1110.0	1109.4	1108.9
157.5°	1126.1	1127.7	1129.3	1130.9	1132.5	1132.9	1132.3	1131.7	1131.0	1130.4	1130.3
160°	1139.6	1141.2	1142.8	1144.4	1145.9	1146.4	1145.6	1144.8	1144.0	1143.2	1143.0
162.5°	1151.7	1153.5	1155.2	1157.0	1158.7	1159.0	1157.9	1156.8	1155.7	1154.6	1154.4
165°	1168.1	1169.7	1171.3	1172.9	1174.5	1174.7	1173.5	1172.2	1171.1	1169.9	1169.7
167.5°	1179.6	1181.3	1183.1	1184.9	1186.7	1186.9	1185.4	1184.0	1182.6	1181.2	1180.9
170°	1186.0	1187.8	1189.5	1191.2	1193.0	1193.2	1191.6	1190.0	1188.4	1186.9	1186.6
172.5°	1190.3	1191.9	1193.7	1195.5	1197.3	1197.5	1196.1	1194.6	1193.2	1191.8	1191.4
175°	1195.7	1197.5	1199.3	1201.0	1202.8	1202.9	1201.4	1199.8	1198.2	1196.6	1196.4
177.5°	1198.9	1200.2	1201.5	1202.7	1204.0	1204.1	1203.0	1201.8	1200.8	1199.6	1199.5
180°	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0



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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°	6.1	5.8	5.7	5.4	4.9	5.4	5.6	5.4	5.4	5.4	5.4
90°	11.5	10.1	8.7	7.2	5.6	4.0	2.5	0.9	2.5	4.0	5.6
92.5°	11.8	10.5	9.4	9.3	10.3	11.5	12.6	13.7	12.6	11.5	10.3
95°	29.2	36.8	44.3	48.4	49.0	49.6	50.1	50.7	50.1	49.6	49.0
97.5°	73.6	88.5	103.3	110.2	109.1	108.1	107.0	105.9	107.0	108.1	109.1
100°	153.4	152.6	151.8	151.1	150.4	149.9	149.3	148.6	149.3	149.9	150.4
102.5°	196.7	196.3	195.7	195.1	194.4	193.7	192.9	192.2	192.9	193.7	194.4
105°	265.3	265.3	265.3	264.9	264.1	263.3	262.5	261.7	262.5	263.3	264.1
107.5°	335.0	334.7	334.2	334.0	334.0	334.0	334.0	334.0	334.0	334.0	334.0
110°	382.1	381.7	381.3	381.0	381.0	381.0	381.0	381.0	381.0	381.0	381.0



TEST NUMBER: P333508-940

CATALOG NUMBER: S125RDIP-S375D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	427.9	427.8	427.5	427.1	426.7	426.1	425.7	425.3	425.7	426.1	426.7
115°	496.4	496.2	496.1	495.4	494.5	493.5	492.5	491.5	492.5	493.5	494.5
117.5°	561.7	561.0	560.3	559.9	559.9	559.9	560.0	560.0	560.0	559.9	559.9
120°	603.3	602.8	602.2	602.0	602.2	602.4	602.5	602.8	602.5	602.4	602.2
122.5°	644.6	644.4	644.0	643.5	642.7	642.0	641.2	640.5	641.2	642.0	642.7
125°	705.2	705.2	705.2	704.5	703.1	701.7	700.3	698.9	700.3	701.7	703.1
127.5°	758.8	758.9	759.0	758.6	757.6	756.6	755.6	754.7	755.6	756.6	757.6
130°	793.8	793.6	793.4	792.8	791.8	790.9	789.9	788.8	789.9	790.9	791.8
132.5°	827.2	827.5	828.0	827.6	826.4	825.4	824.2	823.0	824.2	825.4	826.4
135°	876.0	876.4	876.8	876.4	875.2	874.1	872.8	871.6	872.8	874.1	875.2
137.5°	920.1	920.4	920.8	920.4	919.4	918.4	917.4	916.3	917.4	918.4	919.4
140°	946.8	947.0	947.3	947.1	946.7	946.4	945.9	945.6	945.9	946.4	946.7
142.5°	973.7	973.4	973.1	972.9	972.6	972.4	972.1	971.9	972.1	972.4	972.6
145°	1012.4	1012.4	1012.4	1012.1	1011.7	1011.3	1010.9	1010.6	1010.9	1011.3	1011.7
147.5°	1044.6	1044.4	1044.1	1044.0	1044.1	1044.2	1044.3	1044.4	1044.3	1044.2	1044.1
150°	1065.0	1064.5	1064.2	1064.2	1064.5	1065.0	1065.3	1065.8	1065.3	1065.0	1064.5
152.5°	1083.4	1083.1	1082.7	1082.9	1083.8	1084.7	1085.6	1086.4	1085.6	1084.7	1083.8
155°	1108.6	1108.2	1107.8	1108.2	1109.4	1110.5	1111.8	1112.9	1111.8	1110.5	1109.4
157.5°	1130.3	1130.2	1130.2	1130.6	1131.3	1132.0	1132.7	1133.4	1132.7	1132.0	1131.3
160°	1142.8	1142.6	1142.4	1142.9	1144.1	1145.3	1146.5	1147.6	1146.5	1145.3	1144.1
162.5°	1154.2	1154.0	1153.8	1154.3	1155.5	1156.6	1157.9	1159.0	1157.9	1156.6	1155.5
165°	1169.5	1169.3	1169.1	1169.7	1170.8	1172.0	1173.1	1174.4	1173.1	1172.0	1170.8
167.5°	1180.7	1180.5	1180.4	1180.9	1182.1	1183.3	1184.5	1185.8	1184.5	1183.3	1182.1
170°	1186.4	1186.2	1186.1	1186.6	1188.0	1189.4	1190.8	1192.1	1190.8	1189.4	1188.0
172.5°	1191.1	1190.7	1190.4	1190.9	1192.3	1193.6	1195.1	1196.4	1195.1	1193.6	1192.3
175°	1196.2	1196.1	1195.9	1196.3	1197.5	1198.7	1199.9	1201.0	1199.9	1198.7	1197.5
177.5°	1199.4	1199.2	1199.0	1199.4	1200.3	1201.3	1202.3	1203.2	1202.3	1201.3	1200.3
180°	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0



TEST NUMBER: P333508-940

CATALOG NUMBER: S125RDIP-S375D1035U940-4F0-1E-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°	5.5	5.9	6.0	6.6	6.3	6.8	7.0	7.0	7.2	7.4	7.4
90°	7.2	8.7	10.1	11.5	12.8	14.3	15.2	16.2	17.2	18.2	19.0
92.5°	9.3	9.4	10.5	11.8	13.0	14.3	15.2	16.2	17.2	18.2	18.8
95°	48.4	44.3	36.8	29.2	21.8	14.3	15.2	16.2	17.2	18.2	18.7
97.5°	110.2	103.3	88.5	73.6	58.7	43.8	38.3	32.6	27.1	21.5	18.7
100°	151.1	151.8	152.6	153.4	154.1	154.9	125.5	95.9	66.5	37.0	21.8
102.5°	195.1	195.7	196.3	196.7	197.2	197.7	192.1	186.5	180.9	175.3	165.9
105°	264.9	265.3	265.3	265.3	265.3	265.3	265.3	265.3	265.3	265.3	265.2
107.5°	334.0	334.2	334.7	335.0	335.5	335.8	335.9	335.9	336.0	336.0	335.7
110°	381.0	381.3	381.7	382.1	382.5	382.8	382.3	381.7	381.0	380.5	380.3



TEST NUMBER: P333508-940

CATALOG NUMBER: S125RDIP-S375D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	427.1	427.5	427.8	427.9	428.2	428.5	427.7	427.0	426.1	425.4	424.9
115°	495.4	496.1	496.2	496.4	496.6	496.8	496.1	495.3	494.5	493.7	492.7
117.5°	559.9	560.3	561.0	561.7	562.5	563.2	562.2	561.2	560.2	559.1	558.3
120°	602.0	602.2	602.8	603.3	604.0	604.6	604.1	603.8	603.3	603.0	602.3
122.5°	643.5	644.0	644.4	644.6	644.9	645.2	644.7	644.4	644.0	643.5	642.7
125°	704.5	705.2	705.2	705.2	705.2	705.2	704.4	703.6	702.8	702.0	701.3
127.5°	758.6	759.0	758.9	758.8	758.7	758.6	758.1	757.7	757.2	756.8	755.9
130°	792.8	793.4	793.6	793.8	794.0	794.2	793.6	793.0	792.4	791.8	791.0
132.5°	827.6	828.0	827.5	827.2	826.7	826.3	826.1	826.0	825.9	825.7	825.2
135°	876.4	876.8	876.4	876.0	875.6	875.2	874.8	874.4	874.1	873.6	872.8
137.5°	920.4	920.8	920.4	920.1	919.7	919.4	919.4	919.5	919.6	919.7	919.2
140°	947.1	947.3	947.0	946.8	946.6	946.5	946.8	947.3	947.6	948.0	947.6
142.5°	972.9	973.1	973.4	973.7	973.9	974.2	974.3	974.4	974.5	974.6	974.0
145°	1012.1	1012.4	1012.4	1012.4	1012.4	1012.4	1012.5	1012.7	1012.9	1013.1	1012.6
147.5°	1044.0	1044.1	1044.4	1044.6	1044.8	1045.1	1045.4	1045.5	1045.8	1046.1	1045.4
150°	1064.2	1064.2	1064.5	1065.0	1065.3	1065.8	1066.1	1066.6	1066.9	1067.3	1066.8
152.5°	1082.9	1082.7	1083.1	1083.4	1083.9	1084.2	1084.7	1085.0	1085.5	1085.8	1085.3
155°	1108.2	1107.8	1108.2	1108.6	1108.9	1109.4	1110.0	1110.5	1111.2	1111.8	1111.3
157.5°	1130.6	1130.2	1130.2	1130.3	1130.3	1130.4	1131.0	1131.7	1132.3	1132.9	1132.5
160°	1142.9	1142.4	1142.6	1142.8	1143.0	1143.2	1144.0	1144.8	1145.6	1146.4	1145.9
162.5°	1154.3	1153.8	1154.0	1154.2	1154.4	1154.6	1155.7	1156.8	1157.9	1159.0	1158.7
165°	1169.7	1169.1	1169.3	1169.5	1169.7	1169.9	1171.1	1172.2	1173.5	1174.7	1174.5
167.5°	1180.9	1180.4	1180.5	1180.7	1180.9	1181.2	1182.6	1184.0	1185.4	1186.9	1186.7
170°	1186.6	1186.1	1186.2	1186.4	1186.6	1186.9	1188.4	1190.0	1191.6	1193.2	1193.0
172.5°	1190.9	1190.4	1190.7	1191.1	1191.4	1191.8	1193.2	1194.6	1196.1	1197.5	1197.3
175°	1196.3	1195.9	1196.1	1196.2	1196.4	1196.6	1198.2	1199.8	1201.4	1202.9	1202.8
177.5°	1199.4	1199.0	1199.2	1199.4	1199.5	1199.6	1200.8	1201.8	1203.0	1204.1	1204.0
180°	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0



TEST NUMBER: P333508-940

CATALOG NUMBER: S125RDIP-S375D1035U940-4F0-1E-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°	7.7	7.7	7.8	7.9	7.8	7.7	7.7	7.4	7.4	7.2	7.0
90°	19.6	20.2	20.8	21.4	20.8	20.2	19.6	19.0	18.2	17.2	16.2
92.5°	19.1	19.4	19.7	20.0	19.7	19.4	19.1	18.8	18.2	17.2	16.2
95°	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.2	17.2	16.2
97.5°	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	21.5	27.1	32.6
100°	21.0	20.2	19.5	18.7	19.5	20.2	21.0	21.8	37.0	66.5	95.9
102.5°	152.4	138.9	125.5	112.0	125.5	138.9	152.4	165.9	175.3	180.9	186.5
105°	265.0	264.8	264.7	264.4	264.7	264.8	265.0	265.2	265.3	265.3	265.3
107.5°	335.1	334.6	333.9	333.3	333.9	334.6	335.1	335.7	336.0	336.0	335.9
110°	380.5	380.7	380.8	381.0	380.8	380.7	380.5	380.3	380.5	381.0	381.7



TEST NUMBER: P333508-940

CATALOG NUMBER: S125RDIP-S375D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	424.6	424.4	424.1	423.8	424.1	424.4	424.6	424.9	425.4	426.1	427.0
115°	491.5	490.3	489.1	487.9	489.1	490.3	491.5	492.7	493.7	494.5	495.3
117.5°	557.9	557.3	556.8	556.2	556.8	557.3	557.9	558.3	559.1	560.2	561.2
120°	601.3	600.3	599.3	598.3	599.3	600.3	601.3	602.3	603.0	603.3	603.8
122.5°	641.7	640.5	639.4	638.2	639.4	640.5	641.7	642.7	643.5	644.0	644.4
125°	700.7	700.1	699.5	698.9	699.5	700.1	700.7	701.3	702.0	702.8	703.6
127.5°	754.4	753.0	751.5	750.0	751.5	753.0	754.4	755.9	756.8	757.2	757.7
130°	790.1	789.1	788.1	787.0	788.1	789.1	790.1	791.0	791.8	792.4	793.0
132.5°	824.2	823.2	822.2	821.3	822.2	823.2	824.2	825.2	825.7	825.9	826.0
135°	871.6	870.5	869.2	868.1	869.2	870.5	871.6	872.8	873.6	874.1	874.4
137.5°	918.2	917.1	916.1	915.1	916.1	917.1	918.2	919.2	919.7	919.6	919.5
140°	946.5	945.2	944.1	942.9	944.1	945.2	946.5	947.6	948.0	947.6	947.3
142.5°	972.8	971.6	970.4	969.2	970.4	971.6	972.8	974.0	974.6	974.5	974.4
145°	1011.5	1010.2	1009.1	1007.9	1009.1	1010.2	1011.5	1012.6	1013.1	1012.9	1012.7
147.5°	1044.0	1042.6	1041.2	1039.7	1041.2	1042.6	1044.0	1045.4	1046.1	1045.8	1045.5
150°	1065.1	1063.5	1061.9	1060.4	1061.9	1063.5	1065.1	1066.8	1067.3	1066.9	1066.6
152.5°	1083.9	1082.4	1081.0	1079.6	1081.0	1082.4	1083.9	1085.3	1085.8	1085.5	1085.0
155°	1109.6	1108.0	1106.5	1104.9	1106.5	1108.0	1109.6	1111.3	1111.8	1111.2	1110.5
157.5°	1130.9	1129.3	1127.7	1126.1	1127.7	1129.3	1130.9	1132.5	1132.9	1132.3	1131.7
160°	1144.4	1142.8	1141.2	1139.6	1141.2	1142.8	1144.4	1145.9	1146.4	1145.6	1144.8
162.5°	1157.0	1155.2	1153.5	1151.7	1153.5	1155.2	1157.0	1158.7	1159.0	1157.9	1156.8
165°	1172.9	1171.3	1169.7	1168.1	1169.7	1171.3	1172.9	1174.5	1174.7	1173.5	1172.2
167.5°	1184.9	1183.1	1181.3	1179.6	1181.3	1183.1	1184.9	1186.7	1186.9	1185.4	1184.0
170°	1191.2	1189.5	1187.8	1186.0	1187.8	1189.5	1191.2	1193.0	1193.2	1191.6	1190.0
172.5°	1195.5	1193.7	1191.9	1190.3	1191.9	1193.7	1195.5	1197.3	1197.5	1196.1	1194.6
175°	1201.0	1199.3	1197.5	1195.7	1197.5	1199.3	1201.0	1202.8	1202.9	1201.4	1199.8
177.5°	1202.7	1201.5	1200.2	1198.9	1200.2	1201.5	1202.7	1204.0	1204.1	1203.0	1201.8
180°	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0



TEST NUMBER: P333508-940

CATALOG NUMBER: S125RDIP-S375D1035U940-4F0-1E-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	6.8	6.3	6.6	6.0	5.9	5.5	5.4	5.4	5.4	5.4
90°	15.2	14.3	12.8	11.5	10.1	8.7	7.2	5.6	4.0	2.5	0.9
92.5°	15.2	14.3	13.0	11.8	10.5	9.4	9.3	10.3	11.5	12.6	13.7
95°	15.2	14.3	21.8	29.2	36.8	44.3	48.4	49.0	49.6	50.1	50.7
97.5°	38.3	43.8	58.7	73.6	88.5	103.3	110.2	109.1	108.1	107.0	105.9
100°	125.5	154.9	154.1	153.4	152.6	151.8	151.1	150.4	149.9	149.3	148.6
102.5°	192.1	197.7	197.2	196.7	196.3	195.7	195.1	194.4	193.7	192.9	192.2
105°	265.3	265.3	265.3	265.3	265.3	265.3	264.9	264.1	263.3	262.5	261.7
107.5°	335.9	335.8	335.5	335.0	334.7	334.2	334.0	334.0	334.0	334.0	334.0
110°	382.3	382.8	382.5	382.1	381.7	381.3	381.0	381.0	381.0	381.0	381.0



TEST NUMBER: P333508-940

CATALOG NUMBER: S125RDIP-S375D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	427.7	428.5	428.2	427.9	427.8	427.5	427.1	426.7	426.1	425.7	425.3
115°	496.1	496.8	496.6	496.4	496.2	496.1	495.4	494.5	493.5	492.5	491.5
117.5°	562.2	563.2	562.5	561.7	561.0	560.3	559.9	559.9	559.9	560.0	560.0
120°	604.1	604.6	604.0	603.3	602.8	602.2	602.0	602.2	602.4	602.5	602.8
122.5°	644.7	645.2	644.9	644.6	644.4	644.0	643.5	642.7	642.0	641.2	640.5
125°	704.4	705.2	705.2	705.2	705.2	705.2	704.5	703.1	701.7	700.3	698.9
127.5°	758.1	758.6	758.7	758.8	758.9	759.0	758.6	757.6	756.6	755.6	754.7
130°	793.6	794.2	794.0	793.8	793.6	793.4	792.8	791.8	790.9	789.9	788.8
132.5°	826.1	826.3	826.7	827.2	827.5	828.0	827.6	826.4	825.4	824.2	823.0
135°	874.8	875.2	875.6	876.0	876.4	876.8	876.4	875.2	874.1	872.8	871.6
137.5°	919.4	919.4	919.7	920.1	920.4	920.8	920.4	919.4	918.4	917.4	916.3
140°	946.8	946.5	946.6	946.8	947.0	947.3	947.1	946.7	946.4	945.9	945.6
142.5°	974.3	974.2	973.9	973.7	973.4	973.1	972.9	972.6	972.4	972.1	971.9
145°	1012.5	1012.4	1012.4	1012.4	1012.4	1012.4	1012.1	1011.7	1011.3	1010.9	1010.6
147.5°	1045.4	1045.1	1044.8	1044.6	1044.4	1044.1	1044.0	1044.1	1044.2	1044.3	1044.4
150°	1066.1	1065.8	1065.3	1065.0	1064.5	1064.2	1064.2	1064.5	1065.0	1065.3	1065.8
152.5°	1084.7	1084.2	1083.9	1083.4	1083.1	1082.7	1082.9	1083.8	1084.7	1085.6	1086.4
155°	1110.0	1109.4	1108.9	1108.6	1108.2	1107.8	1108.2	1109.4	1110.5	1111.8	1112.9
157.5°	1131.0	1130.4	1130.3	1130.3	1130.2	1130.2	1130.6	1131.3	1132.0	1132.7	1133.4
160°	1144.0	1143.2	1143.0	1142.8	1142.6	1142.4	1142.9	1144.1	1145.3	1146.5	1147.6
162.5°	1155.7	1154.6	1154.4	1154.2	1154.0	1153.8	1154.3	1155.5	1156.6	1157.9	1159.0
165°	1171.1	1169.9	1169.7	1169.5	1169.3	1169.1	1169.7	1170.8	1172.0	1173.1	1174.4
167.5°	1182.6	1181.2	1180.9	1180.7	1180.5	1180.4	1180.9	1182.1	1183.3	1184.5	1185.8
170°	1188.4	1186.9	1186.6	1186.4	1186.2	1186.1	1186.6	1188.0	1189.4	1190.8	1192.1
172.5°	1193.2	1191.8	1191.4	1191.1	1190.7	1190.4	1190.9	1192.3	1193.6	1195.1	1196.4
175°	1198.2	1196.6	1196.4	1196.2	1196.1	1195.9	1196.3	1197.5	1198.7	1199.9	1201.0
177.5°	1200.8	1199.6	1199.5	1199.4	1199.2	1199.0	1199.4	1200.3	1201.3	1202.3	1203.2
180°	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0



TEST NUMBER: P333508-940

CATALOG NUMBER: S125RDIP-S375D1035U940-4F0-1E-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	6.1	6.2	6.3	6.5	6.7
90°	2.5	4.0	5.6	7.2	8.7	10.1	11.5	12.8	14.3	15.2	16.2
92.5°	12.6	11.5	10.3	9.3	9.4	10.5	11.8	13.0	14.3	15.2	16.2
95°	50.1	49.6	49.0	48.4	44.3	36.8	29.2	21.8	14.3	15.2	16.2
97.5°	107.0	108.1	109.1	110.2	103.3	88.5	73.6	58.7	43.8	38.3	32.6
100°	149.3	149.9	150.4	151.1	151.8	152.6	153.4	154.1	154.9	125.5	95.9
102.5°	192.9	193.7	194.4	195.1	195.7	196.3	196.7	197.2	197.7	192.1	186.5
105°	262.5	263.3	264.1	264.9	265.3	265.3	265.3	265.3	265.3	265.3	265.3
107.5°	334.0	334.0	334.0	334.0	334.2	334.7	335.0	335.5	335.8	335.9	335.9
110°	381.0	381.0	381.0	381.0	381.3	381.7	382.1	382.5	382.8	382.3	381.7



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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	425.7	426.1	426.7	427.1	427.5	427.8	427.9	428.2	428.5	427.7	427.0
115°	492.5	493.5	494.5	495.4	496.1	496.2	496.4	496.6	496.8	496.1	495.3
117.5°	560.0	559.9	559.9	559.9	560.3	561.0	561.7	562.5	563.2	562.2	561.2
120°	602.5	602.4	602.2	602.0	602.2	602.8	603.3	604.0	604.6	604.1	603.8
122.5°	641.2	642.0	642.7	643.5	644.0	644.4	644.6	644.9	645.2	644.7	644.4
125°	700.3	701.7	703.1	704.5	705.2	705.2	705.2	705.2	705.2	704.4	703.6
127.5°	755.6	756.6	757.6	758.6	759.0	758.9	758.8	758.7	758.6	758.1	757.7
130°	789.9	790.9	791.8	792.8	793.4	793.6	793.8	794.0	794.2	793.6	793.0
132.5°	824.2	825.4	826.4	827.6	828.0	827.5	827.2	826.7	826.3	826.1	826.0
135°	872.8	874.1	875.2	876.4	876.8	876.4	876.0	875.6	875.2	874.8	874.4
137.5°	917.4	918.4	919.4	920.4	920.8	920.4	920.1	919.7	919.4	919.4	919.5
140°	945.9	946.4	946.7	947.1	947.3	947.0	946.8	946.6	946.5	946.8	947.3
142.5°	972.1	972.4	972.6	972.9	973.1	973.4	973.7	973.9	974.2	974.3	974.4
145°	1010.9	1011.3	1011.7	1012.1	1012.4	1012.4	1012.4	1012.4	1012.4	1012.5	1012.7
147.5°	1044.3	1044.2	1044.1	1044.0	1044.1	1044.4	1044.6	1044.8	1045.1	1045.4	1045.5
150°	1065.3	1065.0	1064.5	1064.2	1064.2	1064.5	1065.0	1065.3	1065.8	1066.1	1066.6
152.5°	1085.6	1084.7	1083.8	1082.9	1082.7	1083.1	1083.4	1083.9	1084.2	1084.7	1085.0
155°	1111.8	1110.5	1109.4	1108.2	1107.8	1108.2	1108.6	1108.9	1109.4	1110.0	1110.5
157.5°	1132.7	1132.0	1131.3	1130.6	1130.2	1130.2	1130.3	1130.3	1130.4	1131.0	1131.7
160°	1146.5	1145.3	1144.1	1142.9	1142.4	1142.6	1142.8	1143.0	1143.2	1144.0	1144.8
162.5°	1157.9	1156.6	1155.5	1154.3	1153.8	1154.0	1154.2	1154.4	1154.6	1155.7	1156.8
165°	1173.1	1172.0	1170.8	1169.7	1169.1	1169.3	1169.5	1169.7	1169.9	1171.1	1172.2
167.5°	1184.5	1183.3	1182.1	1180.9	1180.4	1180.5	1180.7	1180.9	1181.2	1182.6	1184.0
170°	1190.8	1189.4	1188.0	1186.6	1186.1	1186.2	1186.4	1186.6	1186.9	1188.4	1190.0
172.5°	1195.1	1193.6	1192.3	1190.9	1190.4	1190.7	1191.1	1191.4	1191.8	1193.2	1194.6
175°	1199.9	1198.7	1197.5	1196.3	1195.9	1196.1	1196.2	1196.4	1196.6	1198.2	1199.8
177.5°	1202.3	1201.3	1200.3	1199.4	1199.0	1199.2	1199.4	1199.5	1199.6	1200.8	1201.8
180°	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0



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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°	7.0	7.4	7.2	7.2	7.3	7.6	7.9
90°	17.2	18.2	19.0	19.6	20.2	20.8	21.4
92.5°	17.2	18.2	18.8	19.1	19.4	19.7	20.0
95°	17.2	18.2	18.7	18.7	18.7	18.7	18.7
97.5°	27.1	21.5	18.7	18.7	18.7	18.7	18.7
100°	66.5	37.0	21.8	21.0	20.2	19.5	18.7
102.5°	180.9	175.3	165.9	152.4	138.9	125.5	112.0
105°	265.3	265.3	265.2	265.0	264.8	264.7	264.4
107.5°	336.0	336.0	335.7	335.1	334.6	333.9	333.3
110°	381.0	380.5	380.3	380.5	380.7	380.8	381.0



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	426.1	425.4	424.9	424.6	424.4	424.1	423.8
115°	494.5	493.7	492.7	491.5	490.3	489.1	487.9
117.5°	560.2	559.1	558.3	557.9	557.3	556.8	556.2
120°	603.3	603.0	602.3	601.3	600.3	599.3	598.3
122.5°	644.0	643.5	642.7	641.7	640.5	639.4	638.2
125°	702.8	702.0	701.3	700.7	700.1	699.5	698.9
127.5°	757.2	756.8	755.9	754.4	753.0	751.5	750.0
130°	792.4	791.8	791.0	790.1	789.1	788.1	787.0
132.5°	825.9	825.7	825.2	824.2	823.2	822.2	821.3
135°	874.1	873.6	872.8	871.6	870.5	869.2	868.1
137.5°	919.6	919.7	919.2	918.2	917.1	916.1	915.1
140°	947.6	948.0	947.6	946.5	945.2	944.1	942.9
142.5°	974.5	974.6	974.0	972.8	971.6	970.4	969.2
145°	1012.9	1013.1	1012.6	1011.5	1010.2	1009.1	1007.9
147.5°	1045.8	1046.1	1045.4	1044.0	1042.6	1041.2	1039.7
150°	1066.9	1067.3	1066.8	1065.1	1063.5	1061.9	1060.4
152.5°	1085.5	1085.8	1085.3	1083.9	1082.4	1081.0	1079.6
155°	1111.2	1111.8	1111.3	1109.6	1108.0	1106.5	1104.9
157.5°	1132.3	1132.9	1132.5	1130.9	1129.3	1127.7	1126.1
160°	1145.6	1146.4	1145.9	1144.4	1142.8	1141.2	1139.6
162.5°	1157.9	1159.0	1158.7	1157.0	1155.2	1153.5	1151.7
165°	1173.5	1174.7	1174.5	1172.9	1171.3	1169.7	1168.1
167.5°	1185.4	1186.9	1186.7	1184.9	1183.1	1181.3	1179.6
170°	1191.6	1193.2	1193.0	1191.2	1189.5	1187.8	1186.0
172.5°	1196.1	1197.5	1197.3	1195.5	1193.7	1191.9	1190.3
175°	1201.4	1202.9	1202.8	1201.0	1199.3	1197.5	1195.7
177.5°	1203.0	1204.1	1204.0	1202.7	1201.5	1200.2	1198.9
180°	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0	1201.0

(END OF REPORT)