

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: P333508-830

Luminaire Tested: **S125RDIP-S375D1035U830-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333508-830
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-S375D1035U830-4F0-1E-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: 5275.7 lumens
Efficiency: N/A
Efficacy: 141.4 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

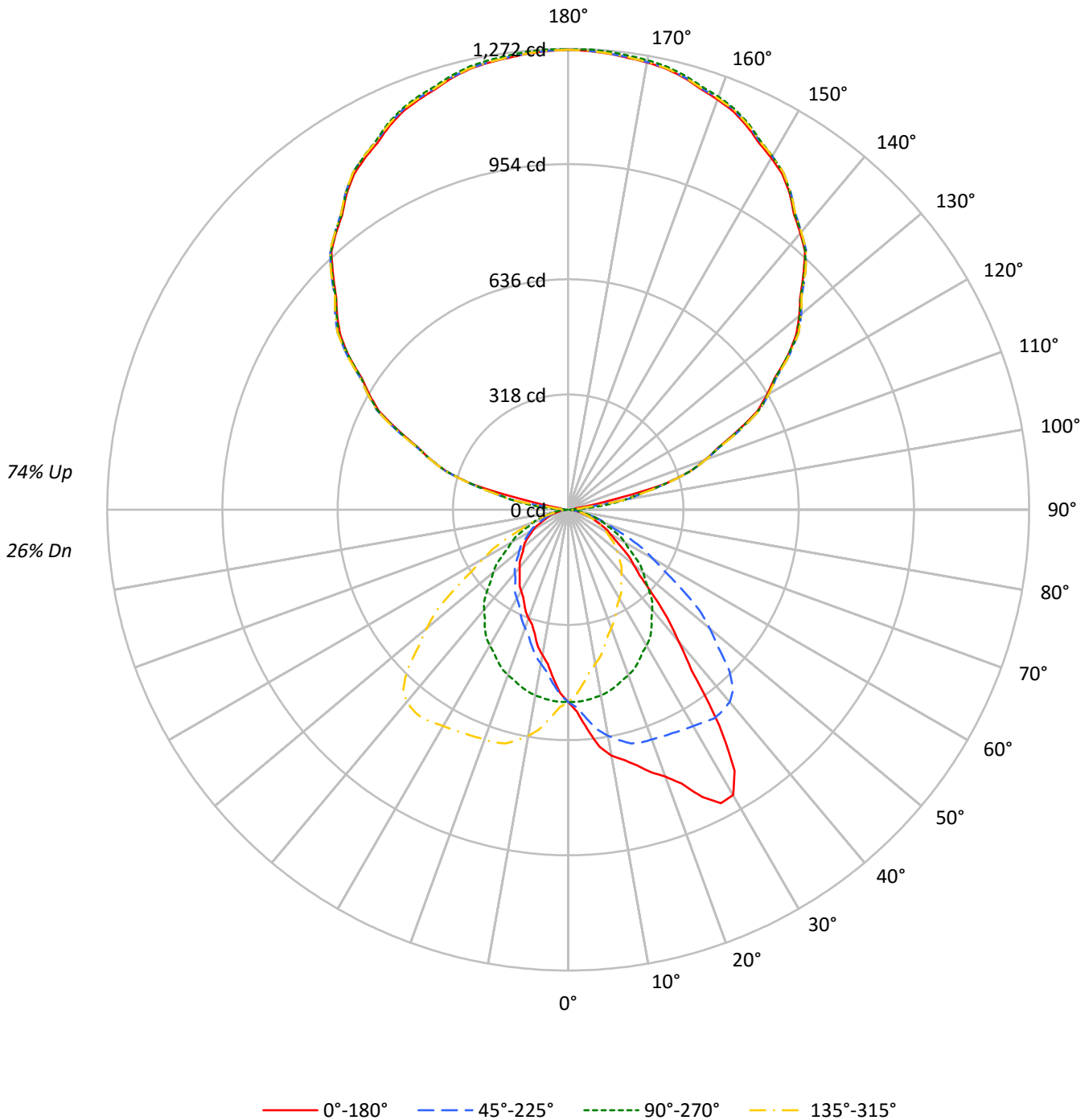
Input Watts (W): 37.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				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	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°	3427	3427	3427	3427
5°	3942	3431	3030	3431
10°	4522	3413	2674	3413
15°	4884	3379	2376	3379
20°	5386	3338	2194	3338
25°	6233	3284	2037	3284
30°	6783	3227	1933	3227
35°	5722	3162	1837	3162
40°	3995	3043	1755	3043
45°	2964	2883	1675	2883
50°	2364	2716	1607	2716
55°	2005	2509	1545	2509
60°	1732	2324	1447	2324
65°	1543	2123	1244	2123
70°	1358	1945	1135	1945
75°	1173	1684	1065	1684
80°	889	1417	889	1417
85°	741	1112	837	1112



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.9	1.0
10°-20°	149.1	2.8
20°-30°	236.4	4.5
30°-40°	285.1	5.4
40°-50°	254.6	4.8
50°-60°	195.2	3.7
60°-70°	126.9	2.4
70°-80°	61.7	1.2
80°-90°	17.4	0.3
90°-100°	46.1	0.9
100°-110°	284.3	5.4
110°-120°	515.7	9.8
120°-130°	661.8	12.5
130°-140°	711.8	13.5
140°-150°	668.2	12.7
150°-160°	540.5	10.2
160°-170°	349.6	6.6
170°-180°	120.6	2.3
0°-30°	436.4	8.3
0°-40°	721.4	13.7
0°-60°	1171.3	22.2
0°-90°	1377.2	26.1
90°-120°	846.1	16.0
90°-150°	2887.9	54.7
90°-180°	3899.0	73.9
0°-180°	5275.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	531	531	531	531	531	
5°	608	529	467	529	608	61
15°	730	505	355	505	730	209
25°	875	461	286	461	875	402
35°	726	401	233	401	726	438
45°	324	316	183	316	324	259
55°	178	223	137	223	178	162
65°	101	139	81	139	101	101
75°	47	68	43	68	47	50
85°	10	15	11	15	10	12
90°	23	1	23	1	23	10
95°	20	54	20	54	20	16
105°	280	277	280	277	280	253
115°	516	520	516	520	516	512
125°	739	739	739	739	739	657
135°	918	921	918	921	918	708
145°	1065	1068	1065	1068	1065	665
155°	1168	1176	1168	1176	1168	538
165°	1235	1241	1235	1241	1235	348
175°	1264	1270	1264	1270	1264	120
180°	1270	1270	1270	1270	1270	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6
2.5°	558.1	557.7	558.5	556.5	556.7	553.7	553.7	551.5	548.5	546.2	545.2
5°	608.0	608.5	607.7	604.4	602.2	598.9	595.2	588.7	583.2	578.0	573.9
7.5°	659.6	659.9	657.0	656.0	650.4	646.5	638.3	629.3	621.5	611.4	603.8
10°	689.6	689.3	686.3	683.8	679.1	673.0	664.9	654.5	644.7	633.8	623.3
12.5°	706.9	706.3	705.4	702.5	698.0	692.7	685.8	675.5	663.5	651.6	639.3
15°	730.5	729.0	726.1	722.4	716.0	709.7	702.2	693.1	681.5	668.0	656.7
17.5°	759.6	759.6	755.3	750.1	741.5	730.4	718.6	703.9	688.2	673.4	661.3
20°	783.6	783.0	778.6	768.5	758.7	744.8	731.3	713.2	694.1	674.7	659.7
22.5°	818.1	816.4	811.9	798.7	783.5	765.5	744.9	722.8	699.6	677.7	657.9
25°	874.7	873.4	864.4	849.1	827.8	800.1	773.2	742.9	709.5	680.6	656.7
27.5°	913.3	911.9	905.2	892.6	872.9	843.8	807.3	766.8	725.2	685.3	650.8
30°	909.5	912.8	911.9	906.0	891.2	865.1	831.3	785.8	736.3	689.6	648.4
32.5°	854.8	857.7	865.3	876.9	877.8	867.3	842.1	800.0	748.9	695.6	646.4
35°	725.7	729.6	744.4	767.7	798.2	823.7	828.9	806.3	760.3	703.0	643.6
37.5°	557.9	579.3	591.8	616.3	662.4	709.3	754.3	770.9	751.4	699.9	638.9
40°	473.9	479.1	501.3	529.0	567.8	616.5	680.8	727.2	728.7	693.1	631.6
42.5°	405.6	412.3	427.4	449.6	482.8	531.5	597.9	659.1	687.4	673.8	622.0
45°	324.5	329.5	340.6	357.6	383.0	423.4	480.4	551.2	607.4	629.4	596.3
47.5°	266.6	269.3	278.9	291.9	310.8	340.1	384.3	445.7	513.1	560.3	555.7
50°	235.3	238.3	245.6	255.4	271.4	296.1	331.5	382.7	452.1	509.8	521.4
52.5°	210.8	213.4	218.0	227.2	240.3	259.4	287.9	334.2	396.7	458.1	484.8
55°	178.1	179.9	183.6	188.8	199.3	213.0	237.6	269.7	320.2	382.0	421.2
57.5°	151.3	152.1	154.5	159.3	166.5	176.5	194.4	221.4	257.7	313.4	356.7
60°	134.1	135.1	138.1	141.4	147.0	156.2	170.1	189.1	223.9	269.8	313.6
62.5°	120.6	121.1	122.4	125.6	130.6	137.7	148.6	164.1	191.8	232.2	273.5
65°	101.0	101.2	101.7	104.3	107.4	112.6	119.8	130.6	151.6	182.1	218.7
67.5°	82.3	82.7	84.2	85.1	88.2	91.0	95.2	103.5	118.3	138.8	167.3
70°	71.9	71.6	73.1	74.3	75.3	78.6	81.4	88.2	97.4	113.0	136.8
72.5°	62.1	61.5	62.2	62.6	64.0	66.3	69.1	73.2	80.3	91.0	109.2
75°	47.0	47.2	47.2	47.7	48.8	49.7	50.5	52.7	56.6	63.8	73.6
77.5°	33.0	32.7	33.6	33.7	34.4	35.3	36.1	36.9	38.5	41.5	46.6
80°	23.9	23.9	24.1	24.8	24.6	25.1	26.1	27.1	28.9	30.7	32.4
82.5°	18.4	18.2	18.4	18.6	18.5	18.9	19.3	19.5	20.3	21.1	22.3
85°	10.0	10.0	10.3	10.3	10.5	10.5	10.7	10.7	10.7	10.9	11.1
87.5°	8.4	8.0	7.7	7.6	7.6	7.8	7.4	7.1	6.9	6.7	6.6
90°	22.6	22.0	21.3	20.7	20.1	19.2	18.2	17.2	16.1	15.1	13.6
92.5°	21.1	20.8	20.5	20.2	19.9	19.2	18.2	17.2	16.1	15.1	13.8
95°	19.8	19.8	19.8	19.8	19.8	19.2	18.2	17.2	16.1	15.1	23.0
97.5°	19.8	19.8	19.8	19.8	19.8	22.7	28.7	34.5	40.4	46.3	62.0
100°	19.8	20.6	21.4	22.2	23.1	39.1	70.3	101.4	132.6	163.7	162.9
102.5°	118.4	132.6	146.8	161.1	175.3	185.3	191.2	197.1	203.0	209.0	208.4
105°	279.5	279.7	279.9	280.1	280.3	280.4	280.4	280.4	280.4	280.4	280.4
107.5°	352.3	353.0	353.6	354.2	354.9	355.2	355.2	355.1	355.1	355.0	354.6
110°	402.7	402.6	402.4	402.2	402.0	402.2	402.7	403.4	404.1	404.6	404.3



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	448.0	448.3	448.6	448.8	449.1	449.7	450.4	451.3	452.0	452.9	452.6
115°	515.8	517.0	518.2	519.5	520.8	521.8	522.6	523.5	524.3	525.1	524.9
117.5°	588.0	588.5	589.1	589.7	590.1	591.0	592.1	593.1	594.3	595.3	594.6
120°	632.4	633.5	634.5	635.6	636.6	637.3	637.7	638.2	638.6	639.0	638.4
122.5°	674.6	675.8	677.0	678.3	679.4	680.2	680.7	681.1	681.5	681.9	681.6
125°	738.8	739.4	740.0	740.6	741.3	742.0	742.8	743.7	744.5	745.4	745.4
127.5°	792.8	794.4	795.9	797.4	799.0	799.9	800.4	800.9	801.3	801.8	801.9
130°	831.9	833.0	834.1	835.1	836.1	837.0	837.5	838.2	838.9	839.4	839.2
132.5°	868.1	869.1	870.2	871.2	872.2	872.8	873.0	873.1	873.2	873.4	873.8
135°	917.6	918.8	920.1	921.3	922.6	923.4	923.9	924.3	924.6	925.1	925.5
137.5°	967.2	968.4	969.4	970.5	971.6	972.1	972.0	971.9	971.9	971.8	972.1
140°	996.6	997.9	999.1	1000.4	1001.6	1002.0	1001.6	1001.3	1000.8	1000.4	1000.6
142.5°	1024.4	1025.8	1027.0	1028.2	1029.5	1030.1	1030.0	1029.9	1029.8	1029.7	1029.4
145°	1065.4	1066.6	1067.8	1069.1	1070.4	1070.8	1070.6	1070.4	1070.3	1070.1	1070.1
147.5°	1099.0	1100.5	1102.0	1103.5	1105.0	1105.7	1105.4	1105.1	1104.9	1104.7	1104.4
150°	1120.9	1122.5	1124.2	1125.9	1127.6	1128.1	1127.8	1127.4	1126.9	1126.5	1126.1
152.5°	1141.1	1142.6	1144.2	1145.7	1147.2	1147.7	1147.4	1146.9	1146.5	1146.0	1145.7
155°	1167.9	1169.6	1171.2	1172.9	1174.6	1175.2	1174.5	1173.8	1173.3	1172.6	1172.1
157.5°	1190.3	1191.9	1193.6	1195.3	1197.0	1197.5	1196.8	1196.2	1195.5	1194.9	1194.8
160°	1204.6	1206.3	1208.0	1209.7	1211.3	1211.7	1210.9	1210.0	1209.2	1208.3	1208.2
162.5°	1217.4	1219.3	1221.1	1222.9	1224.7	1225.1	1223.9	1222.8	1221.6	1220.4	1220.2
165°	1234.7	1236.4	1238.0	1239.7	1241.4	1241.6	1240.4	1239.1	1237.8	1236.6	1236.4
167.5°	1246.8	1248.7	1250.6	1252.5	1254.3	1254.5	1253.0	1251.5	1250.0	1248.5	1248.2
170°	1253.6	1255.5	1257.4	1259.1	1261.0	1261.2	1259.5	1257.8	1256.1	1254.5	1254.2
172.5°	1258.1	1259.9	1261.8	1263.7	1265.6	1265.7	1264.2	1262.7	1261.2	1259.7	1259.3
175°	1263.9	1265.7	1267.6	1269.5	1271.4	1271.5	1269.9	1268.2	1266.5	1264.8	1264.6
177.5°	1267.2	1268.7	1270.0	1271.3	1272.6	1272.7	1271.6	1270.4	1269.2	1268.0	1267.9
180°	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6
2.5°	545.2	543.9	541.7	539.6	537.0	534.7	533.1	531.2	528.8	525.8	523.4
5°	569.3	564.5	558.2	552.7	545.7	540.4	534.7	529.2	523.8	516.8	510.7
7.5°	596.1	586.2	576.6	564.4	553.5	543.7	534.2	524.7	515.4	505.5	496.0
10°	612.5	600.4	587.2	571.9	558.0	544.7	532.5	520.5	507.8	496.8	484.8
12.5°	627.7	612.3	597.1	577.9	561.1	544.9	529.3	514.4	501.0	486.5	473.6
15°	641.6	626.3	609.4	585.9	562.5	542.9	524.6	505.3	488.5	472.4	458.0
17.5°	647.0	630.9	611.2	588.6	563.2	538.5	514.9	493.7	473.9	455.2	439.0
20°	644.9	629.4	609.2	587.6	560.3	534.7	509.2	485.7	463.6	443.8	426.7
22.5°	639.8	623.9	604.3	581.5	555.6	528.4	501.1	476.1	453.1	432.5	413.8
25°	632.3	610.5	590.4	568.2	543.6	516.6	488.5	460.8	436.2	415.3	394.8
27.5°	624.3	597.2	571.7	549.6	523.6	499.5	472.4	444.0	418.2	396.9	375.9
30°	617.2	586.7	558.6	533.6	509.0	486.1	460.4	432.7	406.1	384.2	362.9
32.5°	608.3	575.9	545.1	516.1	492.4	469.8	446.5	420.0	394.2	371.5	349.8
35°	597.2	555.8	522.3	491.5	465.2	443.2	422.3	401.0	375.0	351.5	330.4
37.5°	582.6	535.6	496.8	463.4	435.5	413.5	396.9	377.4	353.7	331.3	311.7
40°	573.6	520.9	478.5	445.4	416.2	392.9	377.4	360.9	339.3	318.2	298.6
42.5°	561.8	507.6	460.1	425.6	396.2	373.7	358.1	343.7	325.6	305.7	284.6
45°	538.6	481.5	431.7	394.6	365.0	343.0	328.4	315.6	301.9	283.5	265.2
47.5°	508.4	454.4	402.2	361.7	332.8	312.4	298.2	288.0	278.2	262.7	245.0
50°	484.2	432.1	381.2	342.0	311.0	291.6	278.3	270.3	261.4	247.2	232.3
52.5°	455.5	409.1	359.2	319.1	289.9	271.7	259.0	250.9	243.6	232.1	217.9
55°	410.6	369.8	324.0	287.7	260.9	242.6	230.5	222.8	218.5	208.7	197.6
57.5°	358.5	329.4	289.1	254.0	230.3	212.3	203.3	196.8	191.9	184.9	177.1
60°	322.3	301.9	265.7	232.3	210.6	193.4	185.3	179.9	175.3	169.5	163.3
62.5°	285.6	270.7	239.2	210.6	190.6	176.2	168.6	163.7	158.4	154.5	148.5
65°	236.3	223.0	201.2	178.8	160.3	148.7	143.3	138.9	135.7	131.3	127.1
67.5°	183.8	178.4	163.3	147.9	134.6	124.3	119.6	116.6	112.7	110.1	107.3
70°	151.6	148.9	138.3	128.1	115.6	108.7	104.3	103.0	98.2	95.6	93.7
72.5°	123.0	121.8	115.6	108.6	99.8	93.7	89.7	88.2	85.1	83.0	81.8
75°	84.3	84.7	83.6	79.1	75.8	71.9	68.4	67.5	65.3	63.6	62.5
77.5°	53.3	55.5	55.6	55.4	54.1	51.7	50.2	49.6	47.5	46.8	46.6
80°	36.6	39.0	41.2	40.9	40.5	39.9	38.7	38.1	37.0	36.4	35.9
82.5°	24.4	26.6	28.5	29.6	29.5	28.8	28.2	27.8	27.6	27.1	27.1
85°	11.5	12.0	12.6	14.1	15.3	15.5	15.3	15.0	14.4	14.6	14.8
87.5°	6.4	6.1	6.0	5.7	5.2	5.7	5.9	5.7	5.7	5.7	5.7
90°	12.2	10.7	9.2	7.6	5.9	4.2	2.6	0.9	2.6	4.2	5.9
92.5°	12.4	11.1	9.9	9.8	10.9	12.2	13.3	14.5	13.3	12.2	10.9
95°	30.9	38.9	46.8	51.2	51.7	52.4	53.0	53.6	53.0	52.4	51.7
97.5°	77.8	93.5	109.2	116.5	115.4	114.2	113.1	112.0	113.1	114.2	115.4
100°	162.1	161.3	160.4	159.7	159.0	158.4	157.8	157.1	157.8	158.4	159.0
102.5°	207.9	207.5	206.9	206.2	205.5	204.7	203.9	203.1	203.9	204.7	205.5
105°	280.4	280.4	280.4	280.0	279.2	278.3	277.5	276.6	277.5	278.3	279.2
107.5°	354.1	353.7	353.3	353.1	353.1	353.1	353.1	353.1	353.1	353.1	353.1
110°	403.9	403.4	403.0	402.7	402.7	402.7	402.7	402.7	402.7	402.7	402.7



TEST NUMBER: P333508-830

CATALOG NUMBER: S125RDIP-S375D1035U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	452.3	452.1	451.9	451.5	451.0	450.4	450.0	449.5	450.0	450.4	451.0
115°	524.7	524.5	524.3	523.7	522.6	521.6	520.6	519.5	520.6	521.6	522.6
117.5°	593.7	593.0	592.2	591.8	591.8	591.8	591.9	591.9	591.9	591.8	591.8
120°	637.7	637.2	636.5	636.3	636.5	636.7	636.9	637.2	636.9	636.7	636.5
122.5°	681.4	681.1	680.7	680.2	679.4	678.6	677.8	677.0	677.8	678.6	679.4
125°	745.4	745.4	745.4	744.6	743.2	741.7	740.2	738.8	740.2	741.7	743.2
127.5°	802.1	802.2	802.3	801.8	800.8	799.7	798.7	797.7	798.7	799.7	800.8
130°	839.1	838.9	838.6	838.0	837.0	835.9	834.9	833.8	834.9	835.9	837.0
132.5°	874.3	874.7	875.2	874.8	873.5	872.4	871.2	870.0	871.2	872.4	873.5
135°	926.0	926.3	926.8	926.3	925.1	923.9	922.6	921.3	922.6	923.9	925.1
137.5°	972.5	972.9	973.3	972.9	971.9	970.7	969.7	968.6	969.7	970.7	971.9
140°	1000.8	1001.0	1001.3	1001.1	1000.7	1000.3	999.8	999.5	999.8	1000.3	1000.7
142.5°	1029.2	1028.9	1028.6	1028.3	1028.0	1027.8	1027.6	1027.3	1027.6	1027.8	1028.0
145°	1070.1	1070.1	1070.1	1069.8	1069.4	1068.9	1068.6	1068.2	1068.6	1068.9	1069.4
147.5°	1104.2	1103.9	1103.6	1103.5	1103.6	1103.7	1103.8	1103.9	1103.8	1103.7	1103.6
150°	1125.7	1125.2	1124.8	1124.8	1125.2	1125.7	1126.1	1126.5	1126.1	1125.7	1125.2
152.5°	1145.2	1144.8	1144.4	1144.6	1145.6	1146.5	1147.5	1148.3	1147.5	1146.5	1145.6
155°	1171.8	1171.4	1170.9	1171.4	1172.6	1173.8	1175.2	1176.4	1175.2	1173.8	1172.6
157.5°	1194.8	1194.7	1194.7	1195.0	1195.8	1196.6	1197.2	1198.0	1197.2	1196.6	1195.8
160°	1208.0	1207.8	1207.5	1208.1	1209.3	1210.6	1211.8	1213.1	1211.8	1210.6	1209.3
162.5°	1220.0	1219.7	1219.6	1220.1	1221.3	1222.6	1223.9	1225.1	1223.9	1222.6	1221.3
165°	1236.1	1236.0	1235.8	1236.3	1237.6	1238.8	1240.0	1241.3	1240.0	1238.8	1237.6
167.5°	1248.0	1247.8	1247.6	1248.2	1249.4	1250.8	1252.1	1253.4	1252.1	1250.8	1249.4
170°	1254.1	1253.9	1253.7	1254.2	1255.7	1257.2	1258.7	1260.1	1258.7	1257.2	1255.7
172.5°	1259.0	1258.6	1258.3	1258.8	1260.3	1261.7	1263.2	1264.6	1263.2	1261.7	1260.3
175°	1264.4	1264.2	1264.0	1264.5	1265.7	1267.1	1268.3	1269.5	1268.3	1267.1	1265.7
177.5°	1267.7	1267.5	1267.3	1267.8	1268.8	1269.8	1270.8	1271.8	1270.8	1269.8	1268.8
180°	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5



TEST NUMBER: P333508-830

CATALOG NUMBER: S125RDIP-S375D1035U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6
2.5°	521.6	519.2	517.5	514.0	511.5	510.5	508.6	508.0	510.0	508.6	508.4
5°	506.1	499.8	494.8	489.8	484.4	480.9	475.6	474.8	473.4	471.6	471.1
7.5°	487.6	479.3	472.9	464.6	457.4	451.6	445.1	442.0	440.3	437.7	434.3
10°	475.0	465.2	456.5	448.2	439.3	432.1	425.6	420.6	417.3	414.2	412.9
12.5°	462.6	452.6	441.5	431.5	421.5	413.5	406.2	402.9	399.4	395.8	392.8
15°	443.4	430.2	417.9	406.4	397.9	389.2	382.2	377.4	372.0	370.4	364.6
17.5°	423.0	410.0	395.7	383.6	373.7	364.1	356.5	351.0	346.9	341.3	338.7
20°	410.3	394.8	380.9	369.8	358.9	347.6	339.8	335.2	331.3	326.7	324.5
22.5°	396.7	381.6	367.3	354.3	343.3	332.1	326.5	321.8	317.4	313.1	310.2
25°	376.7	361.6	346.5	333.0	321.5	313.4	306.9	301.4	299.1	294.9	291.8
27.5°	357.0	340.8	325.3	311.8	302.7	294.7	289.4	285.1	280.8	277.2	274.5
30°	344.3	327.8	310.8	300.1	290.5	283.0	277.0	272.9	269.7	266.4	264.4
32.5°	331.6	314.5	299.4	287.9	278.9	272.3	266.3	262.2	258.8	255.2	252.9
35°	311.2	293.8	281.6	270.3	261.4	255.2	251.1	245.4	242.6	240.0	237.6
37.5°	292.3	276.1	262.9	253.0	245.2	239.1	233.8	230.7	227.2	224.9	222.9
40°	278.3	263.5	251.6	241.1	235.4	228.7	223.7	219.7	217.2	214.1	211.9
42.5°	265.8	252.0	240.3	231.0	223.9	218.2	213.4	209.4	206.1	204.0	202.2
45°	248.1	234.3	223.0	214.3	207.7	202.4	197.3	195.4	191.0	188.4	187.5
47.5°	229.7	217.4	206.5	198.5	191.8	186.6	181.9	178.0	175.5	173.0	171.5
50°	217.4	205.6	195.4	187.5	181.0	175.3	171.0	168.3	165.0	162.7	161.0
52.5°	205.0	194.1	183.9	176.3	170.7	165.0	160.1	157.6	154.5	153.0	151.7
55°	187.3	175.8	167.0	159.7	153.7	148.5	143.9	141.4	139.4	137.9	137.4
57.5°	167.3	158.2	150.1	143.4	137.2	132.3	128.3	125.8	124.1	123.9	122.5
60°	154.2	145.9	138.6	131.3	126.1	121.5	118.0	115.2	113.5	113.3	112.8
62.5°	141.1	133.2	126.3	120.0	115.3	110.9	107.5	104.4	103.4	102.3	101.3
65°	121.8	114.5	108.9	103.9	98.9	95.2	91.9	89.9	87.6	86.2	83.9
67.5°	102.7	97.2	91.7	87.5	83.5	80.0	77.3	74.4	72.8	71.7	70.0
70°	90.2	85.8	80.4	75.8	72.8	69.9	67.8	64.5	63.3	62.5	61.6
72.5°	78.3	74.5	69.9	66.2	63.2	60.5	58.0	56.5	55.3	54.5	54.0
75°	61.6	58.0	54.0	51.4	49.2	47.0	45.7	44.7	44.2	44.0	43.2
77.5°	45.2	43.3	40.2	38.1	36.7	35.7	34.6	34.0	33.9	33.0	32.7
80°	34.6	33.6	30.9	30.1	28.9	28.1	27.4	26.4	25.3	24.8	24.1
82.5°	25.7	24.7	23.6	22.2	21.3	20.7	20.2	19.7	19.9	19.2	18.9
85°	13.8	12.6	12.2	12.0	11.5	12.0	11.8	11.5	11.3	11.1	11.3
87.5°	5.8	6.2	6.3	7.0	6.7	7.2	7.4	7.4	7.6	7.8	7.8
90°	7.6	9.2	10.7	12.2	13.6	15.1	16.1	17.2	18.2	19.2	20.1
92.5°	9.8	9.9	11.1	12.4	13.8	15.1	16.1	17.2	18.2	19.2	19.9
95°	51.2	46.8	38.9	30.9	23.0	15.1	16.1	17.2	18.2	19.2	19.8
97.5°	116.5	109.2	93.5	77.8	62.0	46.3	40.4	34.5	28.7	22.7	19.8
100°	159.7	160.4	161.3	162.1	162.9	163.7	132.6	101.4	70.3	39.1	23.1
102.5°	206.2	206.9	207.5	207.9	208.4	209.0	203.0	197.1	191.2	185.3	175.3
105°	280.0	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.3
107.5°	353.1	353.3	353.7	354.1	354.6	355.0	355.1	355.1	355.2	355.2	354.9
110°	402.7	403.0	403.4	403.9	404.3	404.6	404.1	403.4	402.7	402.2	402.0



TEST NUMBER: P333508-830

CATALOG NUMBER: S125RDIP-S375D1035U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	451.5	451.9	452.1	452.3	452.6	452.9	452.0	451.3	450.4	449.7	449.1
115°	523.7	524.3	524.5	524.7	524.9	525.1	524.3	523.5	522.6	521.8	520.8
117.5°	591.8	592.2	593.0	593.7	594.6	595.3	594.3	593.1	592.1	591.0	590.1
120°	636.3	636.5	637.2	637.7	638.4	639.0	638.6	638.2	637.7	637.3	636.6
122.5°	680.2	680.7	681.1	681.4	681.6	681.9	681.5	681.1	680.7	680.2	679.4
125°	744.6	745.4	745.4	745.4	745.4	745.4	744.5	743.7	742.8	742.0	741.3
127.5°	801.8	802.3	802.2	802.1	801.9	801.8	801.3	800.9	800.4	799.9	799.0
130°	838.0	838.6	838.9	839.1	839.2	839.4	838.9	838.2	837.5	837.0	836.1
132.5°	874.8	875.2	874.7	874.3	873.8	873.4	873.2	873.1	873.0	872.8	872.2
135°	926.3	926.8	926.3	926.0	925.5	925.1	924.6	924.3	923.9	923.4	922.6
137.5°	972.9	973.3	972.9	972.5	972.1	971.8	971.9	971.9	972.0	972.1	971.6
140°	1001.1	1001.3	1001.0	1000.8	1000.6	1000.4	1000.8	1001.3	1001.6	1002.0	1001.6
142.5°	1028.3	1028.6	1028.9	1029.2	1029.4	1029.7	1029.8	1029.9	1030.0	1030.1	1029.5
145°	1069.8	1070.1	1070.1	1070.1	1070.1	1070.1	1070.3	1070.4	1070.6	1070.8	1070.4
147.5°	1103.5	1103.6	1103.9	1104.2	1104.4	1104.7	1104.9	1105.1	1105.4	1105.7	1105.0
150°	1124.8	1124.8	1125.2	1125.7	1126.1	1126.5	1126.9	1127.4	1127.8	1128.1	1127.6
152.5°	1144.6	1144.4	1144.8	1145.2	1145.7	1146.0	1146.5	1146.9	1147.4	1147.7	1147.2
155°	1171.4	1170.9	1171.4	1171.8	1172.1	1172.6	1173.3	1173.8	1174.5	1175.2	1174.6
157.5°	1195.0	1194.7	1194.7	1194.8	1194.8	1194.9	1195.5	1196.2	1196.8	1197.5	1197.0
160°	1208.1	1207.5	1207.8	1208.0	1208.2	1208.3	1209.2	1210.0	1210.9	1211.7	1211.3
162.5°	1220.1	1219.6	1219.7	1220.0	1220.2	1220.4	1221.6	1222.8	1223.9	1225.1	1224.7
165°	1236.3	1235.8	1236.0	1236.1	1236.4	1236.6	1237.8	1239.1	1240.4	1241.6	1241.4
167.5°	1248.2	1247.6	1247.8	1248.0	1248.2	1248.5	1250.0	1251.5	1253.0	1254.5	1254.3
170°	1254.2	1253.7	1253.9	1254.1	1254.2	1254.5	1256.1	1257.8	1259.5	1261.2	1261.0
172.5°	1258.8	1258.3	1258.6	1259.0	1259.3	1259.7	1261.2	1262.7	1264.2	1265.7	1265.6
175°	1264.5	1264.0	1264.2	1264.4	1264.6	1264.8	1266.5	1268.2	1269.9	1271.5	1271.4
177.5°	1267.8	1267.3	1267.5	1267.7	1267.9	1268.0	1269.2	1270.4	1271.6	1272.7	1272.6
180°	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5



TEST NUMBER: P333508-830

CATALOG NUMBER: S125RDIP-S375D1035U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6
2.5°	508.2	506.3	505.8	506.5	505.8	506.3	508.2	508.4	508.6	510.0	508.0
5°	468.9	466.7	467.8	467.4	467.8	466.7	468.9	471.1	471.6	473.4	474.8
7.5°	434.3	431.6	428.8	429.6	428.8	431.6	434.3	434.3	437.7	440.3	442.0
10°	410.1	407.9	406.6	407.7	406.6	407.9	410.1	412.9	414.2	417.3	420.6
12.5°	389.7	388.4	387.3	386.8	387.3	388.4	389.7	392.8	395.8	399.4	402.9
15°	361.9	359.4	358.3	355.4	358.3	359.4	361.9	364.6	370.4	372.0	377.4
17.5°	336.4	335.5	332.7	331.5	332.7	335.5	336.4	338.7	341.3	346.9	351.0
20°	321.2	320.4	317.5	319.2	317.5	320.4	321.2	324.5	326.7	331.3	335.2
22.5°	308.7	306.8	305.9	305.4	305.9	306.8	308.7	310.2	313.1	317.4	321.8
25°	291.0	288.1	287.0	285.8	287.0	288.1	291.0	291.8	294.9	299.1	301.4
27.5°	273.2	271.7	270.3	269.9	270.3	271.7	273.2	274.5	277.2	280.8	285.1
30°	261.7	260.2	259.2	259.2	259.2	260.2	261.7	264.4	266.4	269.7	272.9
32.5°	251.5	250.3	249.2	249.0	249.2	250.3	251.5	252.9	255.2	258.8	262.2
35°	236.5	234.8	234.3	233.0	234.3	234.8	236.5	237.6	240.0	242.6	245.4
37.5°	220.9	219.5	219.5	219.3	219.5	219.5	220.9	222.9	224.9	227.2	230.7
40°	211.0	209.9	209.7	208.2	209.7	209.9	211.0	211.9	214.1	217.2	219.7
42.5°	200.4	199.8	199.1	198.4	199.1	199.8	200.4	202.2	204.0	206.1	209.4
45°	186.0	184.5	184.5	183.4	184.5	184.5	186.0	187.5	188.4	191.0	195.4
47.5°	171.1	169.9	170.0	168.9	170.0	169.9	171.1	171.5	173.0	175.5	178.0
50°	161.2	160.5	160.3	159.9	160.3	160.5	161.2	161.0	162.7	165.0	168.3
52.5°	151.3	150.9	151.7	150.8	151.7	150.9	151.3	151.7	153.0	154.5	157.6
55°	137.9	137.2	138.6	137.2	138.6	137.2	137.9	137.4	137.9	139.4	141.4
57.5°	122.5	121.9	123.1	122.4	123.1	121.9	122.5	122.5	123.9	124.1	125.8
60°	112.4	111.0	111.7	112.0	111.7	111.0	112.4	112.8	113.3	113.5	115.2
62.5°	100.4	99.5	100.1	99.1	100.1	99.5	100.4	101.3	102.3	103.4	104.4
65°	83.4	82.8	81.9	81.4	81.9	82.8	83.4	83.9	86.2	87.6	89.9
67.5°	70.1	68.5	68.4	68.8	68.4	68.5	70.1	70.0	71.7	72.8	74.4
70°	60.3	60.3	60.1	60.1	60.1	60.3	60.3	61.6	62.5	63.3	64.5
72.5°	53.5	53.3	53.0	52.8	53.0	53.3	53.5	54.0	54.5	55.3	56.5
75°	43.2	43.4	42.9	42.7	42.9	43.4	43.2	43.2	44.0	44.2	44.7
77.5°	31.9	30.9	31.4	30.9	31.4	30.9	31.9	32.7	33.0	33.9	34.0
80°	24.1	23.9	24.6	23.9	24.6	23.9	24.1	24.1	24.8	25.3	26.4
82.5°	19.1	18.9	19.2	18.8	19.2	18.9	19.1	18.9	19.2	19.9	19.7
85°	11.5	11.3	11.1	11.3	11.1	11.3	11.5	11.3	11.1	11.3	11.5
87.5°	8.1	8.1	8.2	8.4	8.2	8.1	8.1	7.8	7.8	7.6	7.4
90°	20.7	21.3	22.0	22.6	22.0	21.3	20.7	20.1	19.2	18.2	17.2
92.5°	20.2	20.5	20.8	21.1	20.8	20.5	20.2	19.9	19.2	18.2	17.2
95°	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.2	18.2	17.2
97.5°	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	22.7	28.7	34.5
100°	22.2	21.4	20.6	19.8	20.6	21.4	22.2	23.1	39.1	70.3	101.4
102.5°	161.1	146.8	132.6	118.4	132.6	146.8	161.1	175.3	185.3	191.2	197.1
105°	280.1	279.9	279.7	279.5	279.7	279.9	280.1	280.3	280.4	280.4	280.4
107.5°	354.2	353.6	353.0	352.3	353.0	353.6	354.2	354.9	355.2	355.2	355.1
110°	402.2	402.4	402.6	402.7	402.6	402.4	402.2	402.0	402.2	402.7	403.4



TEST NUMBER: P333508-830

CATALOG NUMBER: S125RDIP-S375D1035U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	448.8	448.6	448.3	448.0	448.3	448.6	448.8	449.1	449.7	450.4	451.3
115°	519.5	518.2	517.0	515.8	517.0	518.2	519.5	520.8	521.8	522.6	523.5
117.5°	589.7	589.1	588.5	588.0	588.5	589.1	589.7	590.1	591.0	592.1	593.1
120°	635.6	634.5	633.5	632.4	633.5	634.5	635.6	636.6	637.3	637.7	638.2
122.5°	678.3	677.0	675.8	674.6	675.8	677.0	678.3	679.4	680.2	680.7	681.1
125°	740.6	740.0	739.4	738.8	739.4	740.0	740.6	741.3	742.0	742.8	743.7
127.5°	797.4	795.9	794.4	792.8	794.4	795.9	797.4	799.0	799.9	800.4	800.9
130°	835.1	834.1	833.0	831.9	833.0	834.1	835.1	836.1	837.0	837.5	838.2
132.5°	871.2	870.2	869.1	868.1	869.1	870.2	871.2	872.2	872.8	873.0	873.1
135°	921.3	920.1	918.8	917.6	918.8	920.1	921.3	922.6	923.4	923.9	924.3
137.5°	970.5	969.4	968.4	967.2	968.4	969.4	970.5	971.6	972.1	972.0	971.9
140°	1000.4	999.1	997.9	996.6	997.9	999.1	1000.4	1001.6	1002.0	1001.6	1001.3
142.5°	1028.2	1027.0	1025.8	1024.4	1025.8	1027.0	1028.2	1029.5	1030.1	1030.0	1029.9
145°	1069.1	1067.8	1066.6	1065.4	1066.6	1067.8	1069.1	1070.4	1070.8	1070.6	1070.4
147.5°	1103.5	1102.0	1100.5	1099.0	1100.5	1102.0	1103.5	1105.0	1105.7	1105.4	1105.1
150°	1125.9	1124.2	1122.5	1120.9	1122.5	1124.2	1125.9	1127.6	1128.1	1127.8	1127.4
152.5°	1145.7	1144.2	1142.6	1141.1	1142.6	1144.2	1145.7	1147.2	1147.7	1147.4	1146.9
155°	1172.9	1171.2	1169.6	1167.9	1169.6	1171.2	1172.9	1174.6	1175.2	1174.5	1173.8
157.5°	1195.3	1193.6	1191.9	1190.3	1191.9	1193.6	1195.3	1197.0	1197.5	1196.8	1196.2
160°	1209.7	1208.0	1206.3	1204.6	1206.3	1208.0	1209.7	1211.3	1211.7	1210.9	1210.0
162.5°	1222.9	1221.1	1219.3	1217.4	1219.3	1221.1	1222.9	1224.7	1225.1	1223.9	1222.8
165°	1239.7	1238.0	1236.4	1234.7	1236.4	1238.0	1239.7	1241.4	1241.6	1240.4	1239.1
167.5°	1252.5	1250.6	1248.7	1246.8	1248.7	1250.6	1252.5	1254.3	1254.5	1253.0	1251.5
170°	1259.1	1257.4	1255.5	1253.6	1255.5	1257.4	1259.1	1261.0	1261.2	1259.5	1257.8
172.5°	1263.7	1261.8	1259.9	1258.1	1259.9	1261.8	1263.7	1265.6	1265.7	1264.2	1262.7
175°	1269.5	1267.6	1265.7	1263.9	1265.7	1267.6	1269.5	1271.4	1271.5	1269.9	1268.2
177.5°	1271.3	1270.0	1268.7	1267.2	1268.7	1270.0	1271.3	1272.6	1272.7	1271.6	1270.4
180°	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5



TEST NUMBER: P333508-830

CATALOG NUMBER: S125RDIP-S375D1035U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6
2.5°	508.6	510.5	511.5	514.0	517.5	519.2	521.6	523.4	525.8	528.8	531.2
5°	475.6	480.9	484.4	489.8	494.8	499.8	506.1	510.7	516.8	523.8	529.2
7.5°	445.1	451.6	457.4	464.6	472.9	479.3	487.6	496.0	505.5	515.4	524.7
10°	425.6	432.1	439.3	448.2	456.5	465.2	475.0	484.8	496.8	507.8	520.5
12.5°	406.2	413.5	421.5	431.5	441.5	452.6	462.6	473.6	486.5	501.0	514.4
15°	382.2	389.2	397.9	406.4	417.9	430.2	443.4	458.0	472.4	488.5	505.3
17.5°	356.5	364.1	373.7	383.6	395.7	410.0	423.0	439.0	455.2	473.9	493.7
20°	339.8	347.6	358.9	369.8	380.9	394.8	410.3	426.7	443.8	463.6	485.7
22.5°	326.5	332.1	343.3	354.3	367.3	381.6	396.7	413.8	432.5	453.1	476.1
25°	306.9	313.4	321.5	333.0	346.5	361.6	376.7	394.8	415.3	436.2	460.8
27.5°	289.4	294.7	302.7	311.8	325.3	340.8	357.0	375.9	396.9	418.2	444.0
30°	277.0	283.0	290.5	300.1	310.8	327.8	344.3	362.9	384.2	406.1	432.7
32.5°	266.3	272.3	278.9	287.9	299.4	314.5	331.6	349.8	371.5	394.2	420.0
35°	251.1	255.2	261.4	270.3	281.6	293.8	311.2	330.4	351.5	375.0	401.0
37.5°	233.8	239.1	245.2	253.0	262.9	276.1	292.3	311.7	331.3	353.7	377.4
40°	223.7	228.7	235.4	241.1	251.6	263.5	278.3	298.6	318.2	339.3	360.9
42.5°	213.4	218.2	223.9	231.0	240.3	252.0	265.8	284.6	305.7	325.6	343.7
45°	197.3	202.4	207.7	214.3	223.0	234.3	248.1	265.2	283.5	301.9	315.6
47.5°	181.9	186.6	191.8	198.5	206.5	217.4	229.7	245.0	262.7	278.2	288.0
50°	171.0	175.3	181.0	187.5	195.4	205.6	217.4	232.3	247.2	261.4	270.3
52.5°	160.1	165.0	170.7	176.3	183.9	194.1	205.0	217.9	232.1	243.6	250.9
55°	143.9	148.5	153.7	159.7	167.0	175.8	187.3	197.6	208.7	218.5	222.8
57.5°	128.3	132.3	137.2	143.4	150.1	158.2	167.3	177.1	184.9	191.9	196.8
60°	118.0	121.5	126.1	131.3	138.6	145.9	154.2	163.3	169.5	175.3	179.9
62.5°	107.5	110.9	115.3	120.0	126.3	133.2	141.1	148.5	154.5	158.4	163.7
65°	91.9	95.2	98.9	103.9	108.9	114.5	121.8	127.1	131.3	135.7	138.9
67.5°	77.3	80.0	83.5	87.5	91.7	97.2	102.7	107.3	110.1	112.7	116.6
70°	67.8	69.9	72.8	75.8	80.4	85.8	90.2	93.7	95.6	98.2	103.0
72.5°	58.0	60.5	63.2	66.2	69.9	74.5	78.3	81.8	83.0	85.1	88.2
75°	45.7	47.0	49.2	51.4	54.0	58.0	61.6	62.5	63.6	65.3	67.5
77.5°	34.6	35.7	36.7	38.1	40.2	43.3	45.2	46.6	46.8	47.5	49.6
80°	27.4	28.1	28.9	30.1	30.9	33.6	34.6	35.9	36.4	37.0	38.1
82.5°	20.2	20.7	21.3	22.2	23.6	24.7	25.7	27.1	27.1	27.6	27.8
85°	11.8	12.0	11.5	12.0	12.2	12.6	13.8	14.8	14.6	14.4	15.0
87.5°	7.4	7.2	6.7	7.0	6.3	6.2	5.8	5.7	5.7	5.7	5.7
90°	16.1	15.1	13.6	12.2	10.7	9.2	7.6	5.9	4.2	2.6	0.9
92.5°	16.1	15.1	13.8	12.4	11.1	9.9	9.8	10.9	12.2	13.3	14.5
95°	16.1	15.1	23.0	30.9	38.9	46.8	51.2	51.7	52.4	53.0	53.6
97.5°	40.4	46.3	62.0	77.8	93.5	109.2	116.5	115.4	114.2	113.1	112.0
100°	132.6	163.7	162.9	162.1	161.3	160.4	159.7	159.0	158.4	157.8	157.1
102.5°	203.0	209.0	208.4	207.9	207.5	206.9	206.2	205.5	204.7	203.9	203.1
105°	280.4	280.4	280.4	280.4	280.4	280.4	280.0	279.2	278.3	277.5	276.6
107.5°	355.1	355.0	354.6	354.1	353.7	353.3	353.1	353.1	353.1	353.1	353.1
110°	404.1	404.6	404.3	403.9	403.4	403.0	402.7	402.7	402.7	402.7	402.7



TEST NUMBER: P333508-830

CATALOG NUMBER: S125RDIP-S375D1035U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	452.0	452.9	452.6	452.3	452.1	451.9	451.5	451.0	450.4	450.0	449.5
115°	524.3	525.1	524.9	524.7	524.5	524.3	523.7	522.6	521.6	520.6	519.5
117.5°	594.3	595.3	594.6	593.7	593.0	592.2	591.8	591.8	591.8	591.9	591.9
120°	638.6	639.0	638.4	637.7	637.2	636.5	636.3	636.5	636.7	636.9	637.2
122.5°	681.5	681.9	681.6	681.4	681.1	680.7	680.2	679.4	678.6	677.8	677.0
125°	744.5	745.4	745.4	745.4	745.4	745.4	744.6	743.2	741.7	740.2	738.8
127.5°	801.3	801.8	801.9	802.1	802.2	802.3	801.8	800.8	799.7	798.7	797.7
130°	838.9	839.4	839.2	839.1	838.9	838.6	838.0	837.0	835.9	834.9	833.8
132.5°	873.2	873.4	873.8	874.3	874.7	875.2	874.8	873.5	872.4	871.2	870.0
135°	924.6	925.1	925.5	926.0	926.3	926.8	926.3	925.1	923.9	922.6	921.3
137.5°	971.9	971.8	972.1	972.5	972.9	973.3	972.9	971.9	970.7	969.7	968.6
140°	1000.8	1000.4	1000.6	1000.8	1001.0	1001.3	1001.1	1000.7	1000.3	999.8	999.5
142.5°	1029.8	1029.7	1029.4	1029.2	1028.9	1028.6	1028.3	1028.0	1027.8	1027.6	1027.3
145°	1070.3	1070.1	1070.1	1070.1	1070.1	1070.1	1069.8	1069.4	1068.9	1068.6	1068.2
147.5°	1104.9	1104.7	1104.4	1104.2	1103.9	1103.6	1103.5	1103.6	1103.7	1103.8	1103.9
150°	1126.9	1126.5	1126.1	1125.7	1125.2	1124.8	1124.8	1125.2	1125.7	1126.1	1126.5
152.5°	1146.5	1146.0	1145.7	1145.2	1144.8	1144.4	1144.6	1145.6	1146.5	1147.5	1148.3
155°	1173.3	1172.6	1172.1	1171.8	1171.4	1170.9	1171.4	1172.6	1173.8	1175.2	1176.4
157.5°	1195.5	1194.9	1194.8	1194.8	1194.7	1194.7	1195.0	1195.8	1196.6	1197.2	1198.0
160°	1209.2	1208.3	1208.2	1208.0	1207.8	1207.5	1208.1	1209.3	1210.6	1211.8	1213.1
162.5°	1221.6	1220.4	1220.2	1220.0	1219.7	1219.6	1220.1	1221.3	1222.6	1223.9	1225.1
165°	1237.8	1236.6	1236.4	1236.1	1236.0	1235.8	1236.3	1237.6	1238.8	1240.0	1241.3
167.5°	1250.0	1248.5	1248.2	1248.0	1247.8	1247.6	1248.2	1249.4	1250.8	1252.1	1253.4
170°	1256.1	1254.5	1254.2	1254.1	1253.9	1253.7	1254.2	1255.7	1257.2	1258.7	1260.1
172.5°	1261.2	1259.7	1259.3	1259.0	1258.6	1258.3	1258.8	1260.3	1261.7	1263.2	1264.6
175°	1266.5	1264.8	1264.6	1264.4	1264.2	1264.0	1264.5	1265.7	1267.1	1268.3	1269.5
177.5°	1269.2	1268.0	1267.9	1267.7	1267.5	1267.3	1267.8	1268.8	1269.8	1270.8	1271.8
180°	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5



TEST NUMBER: P333508-830

CATALOG NUMBER: S125RDIP-S375D1035U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6	530.6
2.5°	533.1	534.7	537.0	539.6	541.7	543.9	545.2	545.2	546.2	548.5	551.5
5°	534.7	540.4	545.7	552.7	558.2	564.5	569.3	573.9	578.0	583.2	588.7
7.5°	534.2	543.7	553.5	564.4	576.6	586.2	596.1	603.8	611.4	621.5	629.3
10°	532.5	544.7	558.0	571.9	587.2	600.4	612.5	623.3	633.8	644.7	654.5
12.5°	529.3	544.9	561.1	577.9	597.1	612.3	627.7	639.3	651.6	663.5	675.5
15°	524.6	542.9	562.5	585.9	609.4	626.3	641.6	656.7	668.0	681.5	693.1
17.5°	514.9	538.5	563.2	588.6	611.2	630.9	647.0	661.3	673.4	688.2	703.9
20°	509.2	534.7	560.3	587.6	609.2	629.4	644.9	659.7	674.7	694.1	713.2
22.5°	501.1	528.4	555.6	581.5	604.3	623.9	639.8	657.9	677.7	699.6	722.8
25°	488.5	516.6	543.6	568.2	590.4	610.5	632.3	656.7	680.6	709.5	742.9
27.5°	472.4	499.5	523.6	549.6	571.7	597.2	624.3	650.8	685.3	725.2	766.8
30°	460.4	486.1	509.0	533.6	558.6	586.7	617.2	648.4	689.6	736.3	785.8
32.5°	446.5	469.8	492.4	516.1	545.1	575.9	608.3	646.4	695.6	748.9	800.0
35°	422.3	443.2	465.2	491.5	522.3	555.8	597.2	643.6	703.0	760.3	806.3
37.5°	396.9	413.5	435.5	463.4	496.8	535.6	582.6	638.9	699.9	751.4	770.9
40°	377.4	392.9	416.2	445.4	478.5	520.9	573.6	631.6	693.1	728.7	727.2
42.5°	358.1	373.7	396.2	425.6	460.1	507.6	561.8	622.0	673.8	687.4	659.1
45°	328.4	343.0	365.0	394.6	431.7	481.5	538.6	596.3	629.4	607.4	551.2
47.5°	298.2	312.4	332.8	361.7	402.2	454.4	508.4	555.7	560.3	513.1	445.7
50°	278.3	291.6	311.0	342.0	381.2	432.1	484.2	521.4	509.8	452.1	382.7
52.5°	259.0	271.7	289.9	319.1	359.2	409.1	455.5	484.8	458.1	396.7	334.2
55°	230.5	242.6	260.9	287.7	324.0	369.8	410.6	421.2	382.0	320.2	269.7
57.5°	203.3	212.3	230.3	254.0	289.1	329.4	358.5	356.7	313.4	257.7	221.4
60°	185.3	193.4	210.6	232.3	265.7	301.9	322.3	313.6	269.8	223.9	189.1
62.5°	168.6	176.2	190.6	210.6	239.2	270.7	285.6	273.5	232.2	191.8	164.1
65°	143.3	148.7	160.3	178.8	201.2	223.0	236.3	218.7	182.1	151.6	130.6
67.5°	119.6	124.3	134.6	147.9	163.3	178.4	183.8	167.3	138.8	118.3	103.5
70°	104.3	108.7	115.6	128.1	138.3	148.9	151.6	136.8	113.0	97.4	88.2
72.5°	89.7	93.7	99.8	108.6	115.6	121.8	123.0	109.2	91.0	80.3	73.2
75°	68.4	71.9	75.8	79.1	83.6	84.7	84.3	73.6	63.8	56.6	52.7
77.5°	50.2	51.7	54.1	55.4	55.6	55.5	53.3	46.6	41.5	38.5	36.9
80°	38.7	39.9	40.5	40.9	41.2	39.0	36.6	32.4	30.7	28.9	27.1
82.5°	28.2	28.8	29.5	29.6	28.5	26.6	24.4	22.3	21.1	20.3	19.5
85°	15.3	15.5	15.3	14.1	12.6	12.0	11.5	11.1	10.9	10.7	10.7
87.5°	5.9	5.7	5.2	5.7	6.0	6.1	6.4	6.6	6.7	6.9	7.1
90°	2.6	4.2	5.9	7.6	9.2	10.7	12.2	13.6	15.1	16.1	17.2
92.5°	13.3	12.2	10.9	9.8	9.9	11.1	12.4	13.8	15.1	16.1	17.2
95°	53.0	52.4	51.7	51.2	46.8	38.9	30.9	23.0	15.1	16.1	17.2
97.5°	113.1	114.2	115.4	116.5	109.2	93.5	77.8	62.0	46.3	40.4	34.5
100°	157.8	158.4	159.0	159.7	160.4	161.3	162.1	162.9	163.7	132.6	101.4
102.5°	203.9	204.7	205.5	206.2	206.9	207.5	207.9	208.4	209.0	203.0	197.1
105°	277.5	278.3	279.2	280.0	280.4	280.4	280.4	280.4	280.4	280.4	280.4
107.5°	353.1	353.1	353.1	353.1	353.3	353.7	354.1	354.6	355.0	355.1	355.1
110°	402.7	402.7	402.7	402.7	403.0	403.4	403.9	404.3	404.6	404.1	403.4



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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	450.0	450.4	451.0	451.5	451.9	452.1	452.3	452.6	452.9	452.0	451.3
115°	520.6	521.6	522.6	523.7	524.3	524.5	524.7	524.9	525.1	524.3	523.5
117.5°	591.9	591.8	591.8	591.8	592.2	593.0	593.7	594.6	595.3	594.3	593.1
120°	636.9	636.7	636.5	636.3	636.5	637.2	637.7	638.4	639.0	638.6	638.2
122.5°	677.8	678.6	679.4	680.2	680.7	681.1	681.4	681.6	681.9	681.5	681.1
125°	740.2	741.7	743.2	744.6	745.4	745.4	745.4	745.4	745.4	744.5	743.7
127.5°	798.7	799.7	800.8	801.8	802.3	802.2	802.1	801.9	801.8	801.3	800.9
130°	834.9	835.9	837.0	838.0	838.6	838.9	839.1	839.2	839.4	838.9	838.2
132.5°	871.2	872.4	873.5	874.8	875.2	874.7	874.3	873.8	873.4	873.2	873.1
135°	922.6	923.9	925.1	926.3	926.8	926.3	926.0	925.5	925.1	924.6	924.3
137.5°	969.7	970.7	971.9	972.9	973.3	972.9	972.5	972.1	971.8	971.9	971.9
140°	999.8	1000.3	1000.7	1001.1	1001.3	1001.0	1000.8	1000.6	1000.4	1000.8	1001.3
142.5°	1027.6	1027.8	1028.0	1028.3	1028.6	1028.9	1029.2	1029.4	1029.7	1029.8	1029.9
145°	1068.6	1068.9	1069.4	1069.8	1070.1	1070.1	1070.1	1070.1	1070.1	1070.3	1070.4
147.5°	1103.8	1103.7	1103.6	1103.5	1103.6	1103.9	1104.2	1104.4	1104.7	1104.9	1105.1
150°	1126.1	1125.7	1125.2	1124.8	1124.8	1125.2	1125.7	1126.1	1126.5	1126.9	1127.4
152.5°	1147.5	1146.5	1145.6	1144.6	1144.4	1144.8	1145.2	1145.7	1146.0	1146.5	1146.9
155°	1175.2	1173.8	1172.6	1171.4	1170.9	1171.4	1171.8	1172.1	1172.6	1173.3	1173.8
157.5°	1197.2	1196.6	1195.8	1195.0	1194.7	1194.7	1194.8	1194.8	1194.9	1195.5	1196.2
160°	1211.8	1210.6	1209.3	1208.1	1207.5	1207.8	1208.0	1208.2	1208.3	1209.2	1210.0
162.5°	1223.9	1222.6	1221.3	1220.1	1219.6	1219.7	1220.0	1220.2	1220.4	1221.6	1222.8
165°	1240.0	1238.8	1237.6	1236.3	1235.8	1236.0	1236.1	1236.4	1236.6	1237.8	1239.1
167.5°	1252.1	1250.8	1249.4	1248.2	1247.6	1247.8	1248.0	1248.2	1248.5	1250.0	1251.5
170°	1258.7	1257.2	1255.7	1254.2	1253.7	1253.9	1254.1	1254.2	1254.5	1256.1	1257.8
172.5°	1263.2	1261.7	1260.3	1258.8	1258.3	1258.6	1259.0	1259.3	1259.7	1261.2	1262.7
175°	1268.3	1267.1	1265.7	1264.5	1264.0	1264.2	1264.4	1264.6	1264.8	1266.5	1268.2
177.5°	1270.8	1269.8	1268.8	1267.8	1267.3	1267.5	1267.7	1267.9	1268.0	1269.2	1270.4
180°	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	530.6	530.6	530.6	530.6	530.6	530.6	530.6
2.5°	553.7	553.7	556.7	556.5	558.5	557.7	558.1
5°	595.2	598.9	602.2	604.4	607.7	608.5	608.0
7.5°	638.3	646.5	650.4	656.0	657.0	659.9	659.6
10°	664.9	673.0	679.1	683.8	686.3	689.3	689.6
12.5°	685.8	692.7	698.0	702.5	705.4	706.3	706.9
15°	702.2	709.7	716.0	722.4	726.1	729.0	730.5
17.5°	718.6	730.4	741.5	750.1	755.3	759.6	759.6
20°	731.3	744.8	758.7	768.5	778.6	783.0	783.6
22.5°	744.9	765.5	783.5	798.7	811.9	816.4	818.1
25°	773.2	800.1	827.8	849.1	864.4	873.4	874.7
27.5°	807.3	843.8	872.9	892.6	905.2	911.9	913.3
30°	831.3	865.1	891.2	906.0	911.9	912.8	909.5
32.5°	842.1	867.3	877.8	876.9	865.3	857.7	854.8
35°	828.9	823.7	798.2	767.7	744.4	729.6	725.7
37.5°	754.3	709.3	662.4	616.3	591.8	579.3	557.9
40°	680.8	616.5	567.8	529.0	501.3	479.1	473.9
42.5°	597.9	531.5	482.8	449.6	427.4	412.3	405.6
45°	480.4	423.4	383.0	357.6	340.6	329.5	324.5
47.5°	384.3	340.1	310.8	291.9	278.9	269.3	266.6
50°	331.5	296.1	271.4	255.4	245.6	238.3	235.3
52.5°	287.9	259.4	240.3	227.2	218.0	213.4	210.8
55°	237.6	213.0	199.3	188.8	183.6	179.9	178.1
57.5°	194.4	176.5	166.5	159.3	154.5	152.1	151.3
60°	170.1	156.2	147.0	141.4	138.1	135.1	134.1
62.5°	148.6	137.7	130.6	125.6	122.4	121.1	120.6
65°	119.8	112.6	107.4	104.3	101.7	101.2	101.0
67.5°	95.2	91.0	88.2	85.1	84.2	82.7	82.3
70°	81.4	78.6	75.3	74.3	73.1	71.6	71.9
72.5°	69.1	66.3	64.0	62.6	62.2	61.5	62.1
75°	50.5	49.7	48.8	47.7	47.2	47.2	47.0
77.5°	36.1	35.3	34.4	33.7	33.6	32.7	33.0
80°	26.1	25.1	24.6	24.8	24.1	23.9	23.9
82.5°	19.3	18.9	18.5	18.6	18.4	18.2	18.4
85°	10.7	10.5	10.5	10.3	10.3	10.0	10.0
87.5°	7.4	7.8	7.6	7.6	7.7	8.0	8.4
90°	18.2	19.2	20.1	20.7	21.3	22.0	22.6
92.5°	18.2	19.2	19.9	20.2	20.5	20.8	21.1
95°	18.2	19.2	19.8	19.8	19.8	19.8	19.8
97.5°	28.7	22.7	19.8	19.8	19.8	19.8	19.8
100°	70.3	39.1	23.1	22.2	21.4	20.6	19.8
102.5°	191.2	185.3	175.3	161.1	146.8	132.6	118.4
105°	280.4	280.4	280.3	280.1	279.9	279.7	279.5
107.5°	355.2	355.2	354.9	354.2	353.6	353.0	352.3
110°	402.7	402.2	402.0	402.2	402.4	402.6	402.7



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	450.4	449.7	449.1	448.8	448.6	448.3	448.0
115°	522.6	521.8	520.8	519.5	518.2	517.0	515.8
117.5°	592.1	591.0	590.1	589.7	589.1	588.5	588.0
120°	637.7	637.3	636.6	635.6	634.5	633.5	632.4
122.5°	680.7	680.2	679.4	678.3	677.0	675.8	674.6
125°	742.8	742.0	741.3	740.6	740.0	739.4	738.8
127.5°	800.4	799.9	799.0	797.4	795.9	794.4	792.8
130°	837.5	837.0	836.1	835.1	834.1	833.0	831.9
132.5°	873.0	872.8	872.2	871.2	870.2	869.1	868.1
135°	923.9	923.4	922.6	921.3	920.1	918.8	917.6
137.5°	972.0	972.1	971.6	970.5	969.4	968.4	967.2
140°	1001.6	1002.0	1001.6	1000.4	999.1	997.9	996.6
142.5°	1030.0	1030.1	1029.5	1028.2	1027.0	1025.8	1024.4
145°	1070.6	1070.8	1070.4	1069.1	1067.8	1066.6	1065.4
147.5°	1105.4	1105.7	1105.0	1103.5	1102.0	1100.5	1099.0
150°	1127.8	1128.1	1127.6	1125.9	1124.2	1122.5	1120.9
152.5°	1147.4	1147.7	1147.2	1145.7	1144.2	1142.6	1141.1
155°	1174.5	1175.2	1174.6	1172.9	1171.2	1169.6	1167.9
157.5°	1196.8	1197.5	1197.0	1195.3	1193.6	1191.9	1190.3
160°	1210.9	1211.7	1211.3	1209.7	1208.0	1206.3	1204.6
162.5°	1223.9	1225.1	1224.7	1222.9	1221.1	1219.3	1217.4
165°	1240.4	1241.6	1241.4	1239.7	1238.0	1236.4	1234.7
167.5°	1253.0	1254.5	1254.3	1252.5	1250.6	1248.7	1246.8
170°	1259.5	1261.2	1261.0	1259.1	1257.4	1255.5	1253.6
172.5°	1264.2	1265.7	1265.6	1263.7	1261.8	1259.9	1258.1
175°	1269.9	1271.5	1271.4	1269.5	1267.6	1265.7	1263.9
177.5°	1271.6	1272.7	1272.6	1271.3	1270.0	1268.7	1267.2
180°	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5	1269.5

(END OF REPORT)