

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: P333358-930

Luminaire Tested: **S125DIW-S375D1340U930-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333358-930  
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: S125DIW-S375D1340U930-4F0-1E-UDD-A  
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 375 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 1340 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5628.3 lumens  
Efficiency: N/A  
Efficacy: 120.8 lumens/watt  
Spacing Criteria (0/90/45): 1.43 / 1.23 / 1.52  
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')  
CIE Type: Semi-Indirect

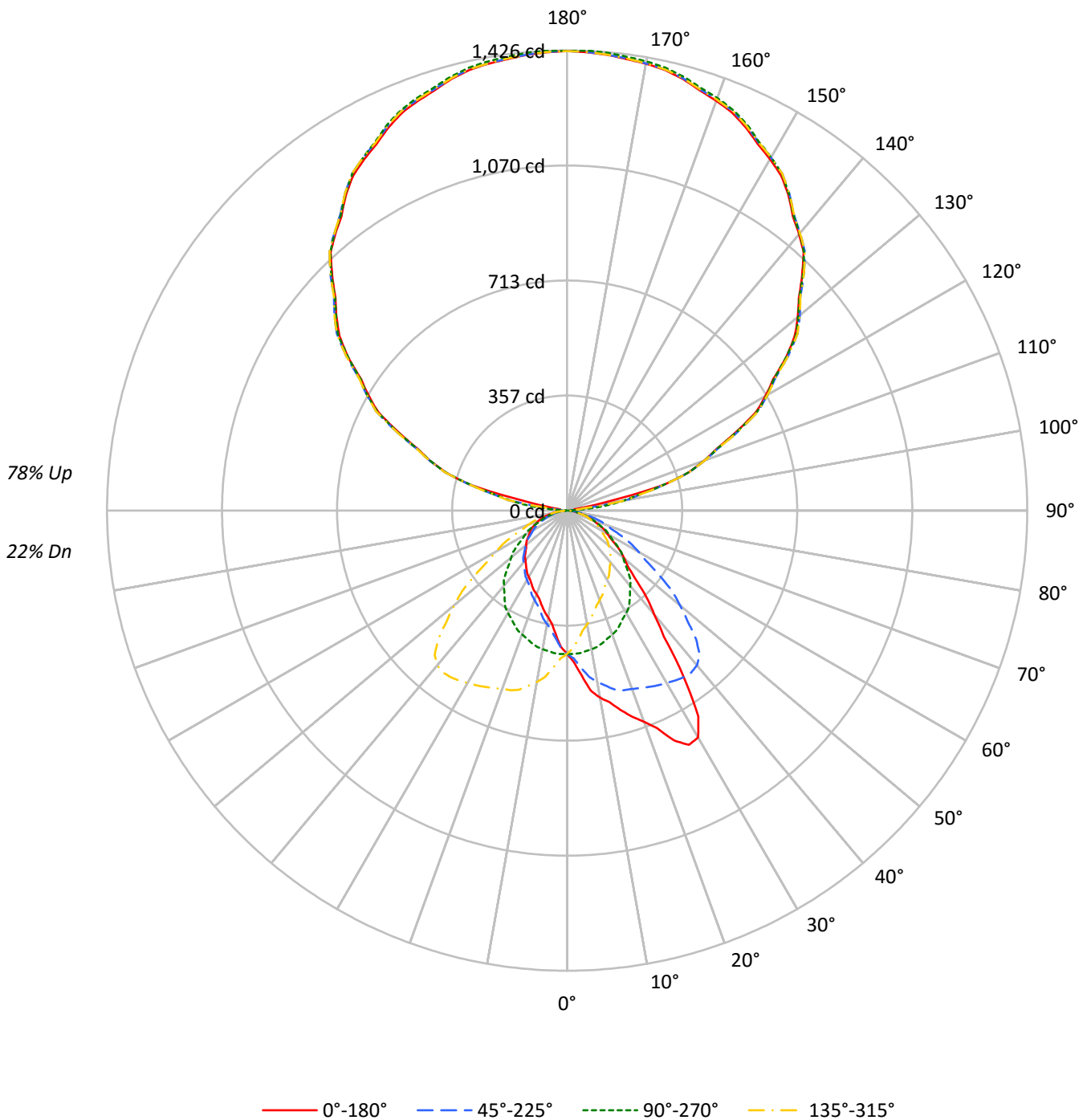
Input Watts (W): 46.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P333358-930

CATALOG NUMBER: S125DIW-S375D1340U930-4F0-1E-UDD-A

### Luminous Intensity Polar Plot





TEST NUMBER: P333358-930

CATALOG NUMBER: S125DIW-S375D1340U930-4F0-1E-UDD-A

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

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	101	101	101	101	89	89	89	89	68	68	68	49	49	49	31	31	31	22
1	92	88	84	81	81	78	75	72	60	58	56	43	42	40	27	27	26	19
2	83	77	71	66	74	68	63	59	52	49	46	38	36	34	24	23	22	16
3	76	67	60	55	67	60	54	49	46	42	39	33	31	29	21	20	19	14
4	70	59	52	46	61	53	47	42	41	36	33	30	27	24	19	18	16	12
5	64	53	45	39	56	47	41	36	36	32	28	26	23	21	17	15	14	10
6	59	47	39	34	52	42	36	31	33	28	25	24	21	18	16	14	12	9
7	54	42	35	30	48	38	31	27	29	25	21	22	18	16	14	12	11	8
8	50	38	31	26	44	34	28	24	27	22	19	20	17	14	13	11	10	7
9	46	35	28	23	41	31	25	21	24	20	17	18	15	13	12	10	9	6
10	43	32	25	20	38	29	23	18	22	18	15	17	14	11	11	9	8	6

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	2866	2866	2866	2866
5°	3319	2877	2519	2877
10°	3862	2861	2207	2861
15°	4275	2841	2035	2841
20°	4786	2808	1898	2808
25°	5606	2770	1831	2770
30°	6055	2732	1773	2732
35°	4978	2663	1735	2663
40°	3538	2566	1693	2566
45°	2719	2437	1669	2437
50°	2321	2275	1666	2275
55°	2066	2117	1680	2117
60°	1864	1944	1723	1944
65°	1722	1771	1768	1771
70°	1565	1590	1794	1590
75°	1382	1402	1777	1402
80°	1164	1142	1625	1142
85°	926	823	1312	823



TEST NUMBER: P333358-930

CATALOG NUMBER: S125DIW-S375D1340U930-4F0-1E-UDD-A

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	42.7	0.8
10°-20°	127.2	2.3
20°-30°	206.6	3.7
30°-40°	252.0	4.5
40°-50°	229.2	4.1
50°-60°	182.6	3.2
60°-70°	127.2	2.3
70°-80°	67.8	1.2
80°-90°	20.1	0.4
90°-100°	51.7	0.9
100°-110°	318.9	5.7
110°-120°	578.4	10.3
120°-130°	742.3	13.2
130°-140°	798.4	14.2
140°-150°	749.4	13.3
150°-160°	606.3	10.8
160°-170°	392.1	7.0
170°-180°	135.2	2.4
0°-30°	376.5	6.7
0°-40°	628.5	11.2
0°-60°	1040.3	18.5
0°-90°	1255.4	22.3
90°-120°	949.1	16.9
90°-150°	3239.3	57.6
90°-180°	4373.0	77.7
0°-180°	5628.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	444	444	444	444	444	
5°	512	444	388	444	512	52
15°	639	425	304	425	639	183
25°	787	389	257	389	787	359
35°	631	338	220	338	631	386
45°	298	267	183	267	298	238
55°	184	188	149	188	184	165
65°	113	116	116	116	113	112
75°	55	56	71	56	55	60
85°	12	11	18	11	12	15
90°	25	1	25	1	25	11
95°	22	60	22	60	22	18
105°	314	310	314	310	314	283
115°	578	583	578	583	578	574
125°	829	829	829	829	829	737
135°	1029	1034	1029	1034	1029	794
145°	1195	1198	1195	1198	1195	746
155°	1310	1320	1310	1320	1310	604
165°	1385	1392	1385	1392	1385	391
175°	1418	1424	1418	1424	1418	135
180°	1424	1424	1424	1424	1424	



TEST NUMBER: P333358-930

CATALOG NUMBER: S125DIW-S375D1340U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8
2.5°	469.4	468.9	468.2	467.1	468.0	465.4	464.2	462.1	459.5	458.6	457.5
5°	512.0	513.0	514.0	510.0	510.4	507.7	501.7	496.8	492.8	487.7	484.1
7.5°	563.3	561.1	560.8	558.3	553.9	550.3	544.0	536.0	528.2	519.3	511.9
10°	588.9	589.1	587.4	584.4	579.7	576.3	568.0	560.1	550.5	539.2	531.1
12.5°	608.2	609.0	606.8	602.8	600.5	592.9	586.4	577.0	565.6	556.5	544.2
15°	639.4	637.3	635.9	630.7	626.8	618.9	608.5	598.7	586.3	574.8	563.3
17.5°	669.4	671.2	668.3	663.7	651.3	642.1	628.3	614.8	599.3	583.9	570.2
20°	696.3	697.8	693.5	685.3	670.7	661.5	643.2	625.8	608.0	588.2	573.1
22.5°	729.8	728.6	722.7	710.4	697.7	680.6	660.8	639.7	617.3	594.9	574.9
25°	786.7	778.8	775.2	759.9	743.2	718.1	691.0	660.1	632.3	602.7	577.1
27.5°	818.3	815.8	811.8	801.2	783.6	756.8	724.8	687.1	647.8	610.5	576.9
30°	812.0	812.4	812.7	809.3	798.0	777.9	746.0	705.6	658.8	616.8	578.0
32.5°	755.9	762.7	769.3	777.1	780.2	776.3	756.4	719.8	671.7	624.0	577.4
35°	631.4	633.6	654.8	676.0	704.6	726.8	741.7	725.5	685.0	630.1	576.7
37.5°	492.4	502.6	517.3	541.1	582.4	619.5	667.1	688.9	675.9	632.2	575.4
40°	419.7	429.2	438.8	463.1	497.9	542.7	596.8	642.9	653.7	625.8	570.8
42.5°	363.7	371.1	381.8	400.1	429.2	468.9	520.6	580.9	618.0	607.5	561.3
45°	297.7	302.4	310.6	325.1	346.3	377.3	422.9	488.9	546.3	565.3	538.8
47.5°	254.8	254.8	261.2	271.2	286.4	312.8	346.6	398.2	459.6	505.0	502.9
50°	231.0	230.0	235.1	243.8	255.8	273.4	305.6	346.8	405.8	457.2	471.6
52.5°	210.4	210.6	213.7	220.1	230.2	245.2	269.2	306.5	356.8	409.6	436.6
55°	183.5	182.7	186.3	190.6	198.0	207.8	225.1	253.6	294.5	346.4	381.5
57.5°	158.7	160.9	162.2	165.3	171.4	178.0	192.6	213.4	245.9	290.5	327.5
60°	144.3	146.3	147.5	150.5	155.4	161.1	172.4	189.3	216.6	255.1	291.8
62.5°	131.3	133.0	133.4	136.1	140.1	145.5	154.4	168.7	190.3	223.9	259.8
65°	112.7	112.7	113.4	116.3	118.1	123.0	129.8	140.1	157.5	183.7	214.4
67.5°	94.7	95.6	95.4	96.6	98.3	102.2	107.0	115.5	128.4	147.5	172.1
70°	82.9	83.6	83.5	84.4	86.3	88.7	92.7	100.8	110.0	126.4	147.5
72.5°	72.3	72.6	72.2	73.4	74.5	76.6	81.1	85.4	94.0	107.9	125.2
75°	55.4	55.8	56.2	56.9	58.0	59.2	61.4	65.7	71.4	81.8	92.9
77.5°	41.5	40.8	41.7	41.6	42.2	43.1	45.1	47.4	52.0	58.6	67.2
80°	31.3	31.5	31.5	31.6	32.6	33.2	34.8	36.5	40.1	45.0	51.0
82.5°	22.8	23.3	23.0	23.4	24.1	24.5	25.5	26.9	28.9	32.9	37.2
85°	12.5	11.5	11.9	12.2	12.2	12.5	13.2	13.8	14.9	16.4	18.1
87.5°	8.7	8.8	8.9	8.7	8.7	8.6	8.9	8.6	8.9	9.1	9.4
90°	25.4	24.6	23.9	23.2	22.5	21.6	20.4	19.2	18.1	16.9	15.2
92.5°	23.6	23.3	23.0	22.7	22.3	21.6	20.4	19.2	18.1	16.9	15.4
95°	22.2	22.2	22.2	22.2	22.2	21.6	20.4	19.2	18.1	16.9	25.8
97.5°	22.2	22.2	22.2	22.2	22.2	25.4	32.1	38.7	45.3	51.9	69.5
100°	22.2	23.1	24.1	24.9	25.9	43.9	78.8	113.7	148.7	183.7	182.7
102.5°	132.8	148.7	164.7	180.7	196.6	207.9	214.5	221.1	227.7	234.3	233.7
105°	313.5	313.7	314.0	314.2	314.5	314.5	314.5	314.5	314.5	314.5	314.5
107.5°	395.3	395.9	396.6	397.3	398.0	398.4	398.4	398.3	398.2	398.2	397.7
110°	451.8	451.6	451.3	451.1	450.9	451.1	451.8	452.5	453.2	453.9	453.5



TEST NUMBER: P333358-930

CATALOG NUMBER: S125DIW-S375D1340U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	502.5	502.8	503.1	503.4	503.8	504.4	505.3	506.1	507.0	507.9	507.7
115°	578.5	579.8	581.3	582.7	584.1	585.3	586.2	587.2	588.1	589.1	588.8
117.5°	659.6	660.1	660.8	661.4	661.9	662.9	664.1	665.4	666.6	667.8	666.9
120°	709.4	710.5	711.7	712.9	714.0	714.9	715.3	715.8	716.3	716.7	716.1
122.5°	756.7	758.0	759.4	760.8	762.1	763.0	763.4	763.9	764.4	764.9	764.6
125°	828.7	829.3	830.1	830.8	831.4	832.3	833.2	834.1	835.1	836.0	836.0
127.5°	889.2	891.0	892.8	894.5	896.2	897.3	897.8	898.4	898.9	899.4	899.5
130°	933.2	934.3	935.5	936.7	937.8	938.8	939.5	940.2	940.9	941.6	941.3
132.5°	973.7	974.9	976.1	977.2	978.4	979.0	979.2	979.3	979.5	979.6	980.2
135°	1029.2	1030.6	1032.0	1033.5	1034.9	1035.8	1036.2	1036.7	1037.2	1037.6	1038.1
137.5°	1084.9	1086.1	1087.4	1088.6	1089.8	1090.4	1090.3	1090.2	1090.1	1090.1	1090.5
140°	1117.9	1119.3	1120.7	1122.1	1123.5	1124.0	1123.5	1123.1	1122.6	1122.1	1122.3
142.5°	1149.2	1150.6	1151.9	1153.3	1154.8	1155.4	1155.4	1155.2	1155.1	1155.0	1154.7
145°	1195.0	1196.4	1197.8	1199.1	1200.6	1201.2	1200.9	1200.7	1200.4	1200.2	1200.2
147.5°	1232.7	1234.4	1236.1	1237.8	1239.5	1240.2	1239.9	1239.7	1239.3	1239.1	1238.8
150°	1257.2	1259.1	1260.9	1262.8	1264.7	1265.4	1264.9	1264.5	1264.0	1263.6	1263.1
152.5°	1280.0	1281.7	1283.4	1285.1	1286.8	1287.4	1286.9	1286.5	1286.0	1285.5	1285.1
155°	1310.0	1311.9	1313.8	1315.6	1317.5	1318.1	1317.4	1316.7	1316.0	1315.3	1314.8
157.5°	1335.1	1337.0	1338.9	1340.8	1342.6	1343.2	1342.5	1341.7	1340.9	1340.2	1340.2
160°	1351.2	1353.1	1354.9	1356.8	1358.7	1359.2	1358.2	1357.3	1356.3	1355.4	1355.2
162.5°	1365.5	1367.6	1369.6	1371.7	1373.8	1374.2	1372.9	1371.5	1370.2	1368.9	1368.6
165°	1384.9	1386.8	1388.7	1390.6	1392.4	1392.7	1391.3	1389.8	1388.5	1387.1	1386.8
167.5°	1398.5	1400.6	1402.7	1404.8	1406.9	1407.1	1405.4	1403.8	1402.1	1400.4	1400.1
170°	1406.1	1408.2	1410.3	1412.4	1414.5	1414.6	1412.8	1410.9	1409.0	1407.1	1406.9
172.5°	1411.1	1413.2	1415.4	1417.5	1419.6	1419.8	1418.1	1416.4	1414.7	1413.0	1412.6
175°	1417.6	1419.8	1421.9	1424.0	1426.1	1426.2	1424.3	1422.5	1420.6	1418.7	1418.5
177.5°	1421.5	1422.9	1424.5	1426.0	1427.5	1427.6	1426.3	1425.0	1423.7	1422.3	1422.1
180°	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0



TEST NUMBER: P333358-930

CATALOG NUMBER: S125DIW-S375D1340U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8
2.5°	456.6	455.6	454.4	452.2	449.7	448.3	446.3	444.9	442.2	439.9	437.5
5°	479.8	474.9	470.4	464.6	458.2	454.0	449.1	443.7	438.0	432.2	425.7
7.5°	503.9	495.1	485.8	475.6	465.7	456.6	447.8	439.4	431.4	421.7	413.5
10°	519.9	509.0	497.3	483.6	470.2	458.5	446.7	436.3	425.7	414.5	404.5
12.5°	536.1	521.5	505.0	489.9	473.9	459.7	445.8	432.5	419.3	406.8	395.1
15°	547.5	534.7	519.4	497.9	479.8	460.4	442.0	424.9	408.8	394.8	380.2
17.5°	555.0	538.4	522.0	501.5	477.8	456.1	435.1	415.5	397.5	379.8	365.7
20°	556.3	539.3	522.2	502.1	477.8	452.9	431.9	408.5	389.1	370.7	353.4
22.5°	555.9	536.6	518.0	497.3	473.5	450.6	425.3	401.4	380.3	362.3	344.2
25°	551.6	531.1	507.7	486.8	463.4	439.1	413.5	388.7	367.2	346.7	328.7
27.5°	548.0	521.5	495.0	470.6	448.0	425.7	401.2	375.8	352.0	331.2	314.3
30°	543.7	514.5	484.7	459.3	436.1	414.5	391.3	366.4	341.5	321.2	303.1
32.5°	539.8	505.7	474.3	446.6	422.1	401.0	379.7	356.0	331.6	311.0	292.9
35°	532.2	492.8	456.8	425.6	399.4	377.7	359.8	337.8	315.4	295.4	278.1
37.5°	522.6	475.9	437.2	404.5	375.8	352.9	336.3	319.4	297.8	278.6	262.9
40°	515.0	463.8	422.9	389.4	359.6	335.9	320.4	304.4	286.6	268.6	252.1
42.5°	505.6	453.0	408.5	372.3	342.9	319.8	303.5	290.0	274.2	257.5	242.1
45°	488.1	433.3	385.1	346.3	316.5	293.7	277.0	266.8	254.9	239.0	226.1
47.5°	462.4	409.7	359.8	319.8	289.0	267.9	252.2	242.4	234.1	222.3	210.5
50°	439.7	392.1	341.5	301.8	271.1	249.8	235.3	226.4	219.3	210.3	200.2
52.5°	414.3	369.9	323.6	284.3	253.9	232.9	218.7	210.9	205.0	198.5	188.7
55°	373.7	336.1	293.1	255.8	227.8	207.2	194.8	188.0	183.1	178.2	172.2
57.5°	329.2	299.7	261.7	227.6	201.7	183.0	171.5	164.9	161.0	158.5	155.0
60°	297.8	272.6	239.9	208.7	183.5	166.9	155.6	150.5	147.3	145.3	142.6
62.5°	268.7	248.0	217.7	189.3	167.2	151.6	141.5	136.5	133.5	132.4	130.3
65°	225.9	209.9	184.8	161.3	142.4	129.1	120.6	115.9	114.0	112.8	113.0
67.5°	183.6	173.9	153.8	133.7	118.6	107.5	100.6	97.0	96.0	94.6	94.6
70°	157.8	150.5	133.5	116.0	102.6	94.0	88.0	84.2	83.2	82.5	82.3
72.5°	135.1	128.7	114.0	100.0	87.9	80.3	75.3	73.1	71.5	71.1	71.0
75°	101.5	98.0	86.3	75.2	66.9	61.6	58.2	56.2	55.0	54.8	55.0
77.5°	72.2	69.1	61.6	53.7	48.5	44.5	41.7	40.9	39.7	39.7	39.5
80°	54.2	52.2	47.5	41.3	36.9	33.5	32.0	30.7	30.3	29.8	30.3
82.5°	39.3	37.1	33.9	29.9	26.3	24.4	22.8	22.4	22.2	21.9	22.0
85°	19.4	19.6	17.7	14.7	13.2	12.1	11.1	11.1	10.9	10.8	10.9
87.5°	9.4	8.7	7.8	7.0	5.9	5.1	4.5	4.3	4.2	4.4	5.0
90°	13.6	12.0	10.4	8.6	6.7	4.8	2.9	1.1	2.9	4.8	6.7
92.5°	13.9	12.6	11.1	11.0	12.3	13.6	14.9	16.2	14.9	13.6	12.3
95°	34.7	43.6	52.5	57.3	58.0	58.8	59.4	60.2	59.4	58.8	58.0
97.5°	87.2	104.8	122.5	130.7	129.4	128.2	126.9	125.6	126.9	128.2	129.4
100°	181.8	180.8	179.9	179.1	178.4	177.7	177.0	176.3	177.0	177.7	178.4
102.5°	233.3	232.7	232.1	231.4	230.5	229.6	228.7	227.8	228.7	229.6	230.5
105°	314.5	314.5	314.5	314.1	313.2	312.3	311.3	310.4	311.3	312.3	313.2
107.5°	397.2	396.8	396.3	396.1	396.1	396.1	396.1	396.1	396.1	396.1	396.1
110°	453.0	452.5	452.0	451.8	451.8	451.8	451.8	451.8	451.8	451.8	451.8





TEST NUMBER: P333358-930

CATALOG NUMBER: S125DIW-S375D1340U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	507.4	507.1	506.9	506.4	505.8	505.3	504.8	504.2	504.8	505.3	505.8
115°	588.6	588.3	588.1	587.4	586.2	585.1	583.8	582.7	583.8	585.1	586.2
117.5°	666.0	665.1	664.2	663.8	663.8	663.9	663.9	664.0	663.9	663.9	663.8
120°	715.3	714.6	714.0	713.7	714.0	714.2	714.4	714.6	714.4	714.2	714.0
122.5°	764.3	763.9	763.6	763.0	762.1	761.2	760.3	759.4	760.3	761.2	762.1
125°	836.0	836.0	836.0	835.2	833.6	831.9	830.3	828.7	830.3	831.9	833.6
127.5°	899.7	899.8	899.9	899.4	898.2	897.1	895.9	894.7	895.9	897.1	898.2
130°	941.1	940.9	940.7	940.0	938.8	937.6	936.5	935.2	936.5	937.6	938.8
132.5°	980.6	981.1	981.7	981.2	979.9	978.5	977.1	975.8	977.1	978.5	979.9
135°	1038.6	1039.1	1039.5	1039.1	1037.6	1036.2	1034.9	1033.5	1034.9	1036.2	1037.6
137.5°	1090.9	1091.3	1091.7	1091.3	1090.1	1088.8	1087.6	1086.5	1087.6	1088.8	1090.1
140°	1122.6	1122.8	1123.1	1122.9	1122.4	1122.0	1121.5	1121.0	1121.5	1122.0	1122.4
142.5°	1154.4	1154.1	1153.7	1153.4	1153.2	1152.8	1152.6	1152.3	1152.6	1152.8	1153.2
145°	1200.2	1200.2	1200.2	1200.0	1199.5	1199.1	1198.6	1198.1	1198.6	1199.1	1199.5
147.5°	1238.5	1238.2	1238.0	1237.9	1238.0	1238.0	1238.1	1238.2	1238.1	1238.0	1238.0
150°	1262.7	1262.2	1261.7	1261.7	1262.2	1262.7	1263.1	1263.6	1263.1	1262.7	1262.2
152.5°	1284.6	1284.1	1283.6	1283.9	1285.0	1286.0	1287.0	1288.0	1287.0	1286.0	1285.0
155°	1314.3	1313.9	1313.4	1313.9	1315.3	1316.7	1318.1	1319.5	1318.1	1316.7	1315.3
157.5°	1340.1	1340.0	1340.0	1340.4	1341.2	1342.1	1343.0	1343.8	1343.0	1342.1	1341.2
160°	1354.9	1354.7	1354.5	1355.0	1356.4	1357.9	1359.3	1360.7	1359.3	1357.9	1356.4
162.5°	1368.5	1368.2	1368.0	1368.6	1369.9	1371.3	1372.8	1374.2	1372.8	1371.3	1369.9
165°	1386.6	1386.3	1386.1	1386.7	1388.1	1389.5	1390.9	1392.4	1390.9	1389.5	1388.1
167.5°	1399.9	1399.6	1399.5	1400.0	1401.5	1403.0	1404.4	1405.8	1404.4	1403.0	1401.5
170°	1406.6	1406.4	1406.1	1406.9	1408.5	1410.1	1411.9	1413.5	1411.9	1410.1	1408.5
172.5°	1412.2	1411.8	1411.4	1411.9	1413.6	1415.3	1416.9	1418.5	1416.9	1415.3	1413.6
175°	1418.3	1418.1	1417.8	1418.4	1419.8	1421.2	1422.6	1424.0	1422.6	1421.2	1419.8
177.5°	1422.0	1421.8	1421.6	1422.0	1423.2	1424.3	1425.4	1426.5	1425.4	1424.3	1423.2
180°	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0



TEST NUMBER: P333358-930

CATALOG NUMBER: S125DIW-S375D1340U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8
2.5°	436.2	434.5	433.2	430.2	428.4	426.2	424.4	426.4	424.3	425.2	423.8
5°	422.6	417.3	413.5	408.1	403.3	399.0	395.8	395.3	393.7	393.0	390.7
7.5°	406.2	399.6	393.1	386.0	379.9	373.8	369.9	366.6	364.5	361.7	359.7
10°	396.6	387.7	380.2	371.5	363.9	357.3	352.1	349.4	347.0	343.4	342.1
12.5°	384.7	375.5	366.3	357.0	349.8	342.4	337.9	333.9	332.2	328.2	327.8
15°	370.4	356.6	347.6	338.2	328.2	322.1	318.4	314.1	312.2	309.3	307.3
17.5°	353.4	341.0	329.8	320.0	311.4	306.4	301.7	298.7	295.5	293.6	290.2
20°	341.0	329.3	318.0	307.6	301.0	295.2	291.5	288.6	285.2	284.3	280.9
22.5°	330.6	317.7	306.9	298.2	291.0	284.4	280.3	278.3	276.1	273.1	272.5
25°	313.6	300.3	291.1	282.4	276.0	269.9	267.2	264.7	262.4	260.3	259.6
27.5°	299.1	287.1	276.1	268.3	262.7	257.2	254.8	251.8	250.1	248.4	246.4
30°	288.8	276.5	266.9	259.4	253.4	248.5	245.8	243.8	242.3	240.8	239.6
32.5°	278.3	266.9	257.6	250.2	244.2	240.5	238.1	236.7	235.1	233.3	231.8
35°	264.3	251.8	242.8	236.4	231.7	228.9	226.2	224.9	223.1	223.1	221.5
37.5°	248.6	237.8	229.8	224.0	219.8	217.3	214.4	213.5	212.3	211.5	211.0
40°	239.3	229.3	221.8	215.9	211.4	209.3	207.0	205.5	204.8	203.8	203.5
42.5°	229.6	220.0	212.9	207.5	203.5	201.8	199.7	198.6	197.1	195.8	195.6
45°	214.9	205.7	199.1	194.8	191.4	189.3	188.0	185.7	185.0	183.5	183.3
47.5°	201.1	192.2	185.7	182.1	179.2	177.5	175.5	173.2	172.3	171.5	171.5
50°	190.6	182.5	176.5	173.2	170.3	167.9	165.8	164.3	163.7	163.7	164.1
52.5°	180.1	173.2	168.1	164.0	161.3	158.7	156.7	155.8	155.0	155.9	156.5
55°	164.7	157.7	153.9	149.9	147.3	144.3	143.3	143.0	142.4	143.9	144.7
57.5°	148.3	143.4	139.0	135.1	132.7	130.9	129.7	129.5	130.5	131.3	133.7
60°	137.9	132.2	128.3	125.3	122.5	121.3	120.9	120.6	121.3	123.4	126.6
62.5°	126.5	121.9	117.6	115.4	113.2	111.4	111.3	111.5	113.0	115.4	118.6
65°	109.7	105.7	102.9	100.2	98.5	97.4	97.8	98.5	100.2	103.5	107.0
67.5°	92.5	89.8	87.3	85.2	83.6	83.6	84.0	85.1	87.1	90.7	94.0
70°	81.6	78.6	76.5	75.6	74.2	73.5	74.6	76.5	78.2	81.6	84.4
72.5°	70.6	68.0	66.4	65.7	65.1	64.6	65.0	67.0	69.3	72.6	76.0
75°	54.2	53.3	52.2	51.4	50.9	51.3	51.6	53.5	55.4	58.9	62.7
77.5°	39.6	38.6	37.9	37.7	37.4	37.7	38.7	40.1	41.9	44.5	47.4
80°	29.9	29.6	29.2	29.0	29.0	29.2	30.7	31.6	33.3	35.8	38.1
82.5°	21.9	21.6	21.5	21.4	21.6	21.7	22.6	23.8	25.2	27.1	29.0
85°	11.5	11.1	11.7	11.9	11.5	12.1	12.5	13.2	13.8	14.7	15.7
87.5°	5.5	6.1	6.3	6.8	7.1	7.7	7.8	8.6	9.2	9.7	9.8
90°	8.6	10.4	12.0	13.6	15.2	16.9	18.1	19.2	20.4	21.6	22.5
92.5°	11.0	11.1	12.6	13.9	15.4	16.9	18.1	19.2	20.4	21.6	22.3
95°	57.3	52.5	43.6	34.7	25.8	16.9	18.1	19.2	20.4	21.6	22.2
97.5°	130.7	122.5	104.8	87.2	69.5	51.9	45.3	38.7	32.1	25.4	22.2
100°	179.1	179.9	180.8	181.8	182.7	183.7	148.7	113.7	78.8	43.9	25.9
102.5°	231.4	232.1	232.7	233.3	233.7	234.3	227.7	221.1	214.5	207.9	196.6
105°	314.1	314.5	314.5	314.5	314.5	314.5	314.5	314.5	314.5	314.5	314.5
107.5°	396.1	396.3	396.8	397.2	397.7	398.2	398.2	398.3	398.4	398.4	398.0
110°	451.8	452.0	452.5	453.0	453.5	453.9	453.2	452.5	451.8	451.1	450.9



TEST NUMBER: P333358-930

CATALOG NUMBER: S125DIW-S375D1340U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	506.4	506.9	507.1	507.4	507.7	507.9	507.0	506.1	505.3	504.4	503.8
115°	587.4	588.1	588.3	588.6	588.8	589.1	588.1	587.2	586.2	585.3	584.1
117.5°	663.8	664.2	665.1	666.0	666.9	667.8	666.6	665.4	664.1	662.9	661.9
120°	713.7	714.0	714.6	715.3	716.1	716.7	716.3	715.8	715.3	714.9	714.0
122.5°	763.0	763.6	763.9	764.3	764.6	764.9	764.4	763.9	763.4	763.0	762.1
125°	835.2	836.0	836.0	836.0	836.0	836.0	835.1	834.1	833.2	832.3	831.4
127.5°	899.4	899.9	899.8	899.7	899.5	899.4	898.9	898.4	897.8	897.3	896.2
130°	940.0	940.7	940.9	941.1	941.3	941.6	940.9	940.2	939.5	938.8	937.8
132.5°	981.2	981.7	981.1	980.6	980.2	979.6	979.5	979.3	979.2	979.0	978.4
135°	1039.1	1039.5	1039.1	1038.6	1038.1	1037.6	1037.2	1036.7	1036.2	1035.8	1034.9
137.5°	1091.3	1091.7	1091.3	1090.9	1090.5	1090.1	1090.1	1090.2	1090.3	1090.4	1089.8
140°	1122.9	1123.1	1122.8	1122.6	1122.3	1122.1	1122.6	1123.1	1123.5	1124.0	1123.5
142.5°	1153.4	1153.7	1154.1	1154.4	1154.7	1155.0	1155.1	1155.2	1155.4	1155.4	1154.8
145°	1200.0	1200.2	1200.2	1200.2	1200.2	1200.2	1200.4	1200.7	1200.9	1201.2	1200.6
147.5°	1237.9	1238.0	1238.2	1238.5	1238.8	1239.1	1239.3	1239.7	1239.9	1240.2	1239.5
150°	1261.7	1261.7	1262.2	1262.7	1263.1	1263.6	1264.0	1264.5	1264.9	1265.4	1264.7
152.5°	1283.9	1283.6	1284.1	1284.6	1285.1	1285.5	1286.0	1286.5	1286.9	1287.4	1286.8
155°	1313.9	1313.4	1313.9	1314.3	1314.8	1315.3	1316.0	1316.7	1317.4	1318.1	1317.5
157.5°	1340.4	1340.0	1340.0	1340.1	1340.2	1340.2	1340.9	1341.7	1342.5	1343.2	1342.6
160°	1355.0	1354.5	1354.7	1354.9	1355.2	1355.4	1356.3	1357.3	1358.2	1359.2	1358.7
162.5°	1368.6	1368.0	1368.2	1368.5	1368.6	1368.9	1370.2	1371.5	1372.9	1374.2	1373.8
165°	1386.7	1386.1	1386.3	1386.6	1386.8	1387.1	1388.5	1389.8	1391.3	1392.7	1392.4
167.5°	1400.0	1399.5	1399.6	1399.9	1400.1	1400.4	1402.1	1403.8	1405.4	1407.1	1406.9
170°	1406.9	1406.1	1406.4	1406.6	1406.9	1407.1	1409.0	1410.9	1412.8	1414.6	1414.5
172.5°	1411.9	1411.4	1411.8	1412.2	1412.6	1413.0	1414.7	1416.4	1418.1	1419.8	1419.6
175°	1418.4	1417.8	1418.1	1418.3	1418.5	1418.7	1420.6	1422.5	1424.3	1426.2	1426.1
177.5°	1422.0	1421.6	1421.8	1422.0	1422.1	1422.3	1423.7	1425.0	1426.3	1427.6	1427.5
180°	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0



TEST NUMBER: P333358-930

CATALOG NUMBER: S125DIW-S375D1340U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8
2.5°	422.9	424.0	423.1	424.3	423.1	424.0	422.9	423.8	425.2	424.3	426.4
5°	389.8	388.1	389.2	388.5	389.2	388.1	389.8	390.7	393.0	393.7	395.3
7.5°	359.2	357.6	355.7	354.8	355.7	357.6	359.2	359.7	361.7	364.5	366.6
10°	340.1	337.9	337.8	336.5	337.8	337.9	340.1	342.1	343.4	347.0	349.4
12.5°	326.0	324.1	322.0	321.4	322.0	324.1	326.0	327.8	328.2	332.2	333.9
15°	306.1	304.6	303.3	304.4	303.3	304.6	306.1	307.3	309.3	312.2	314.1
17.5°	289.6	288.4	288.1	286.7	288.1	288.4	289.6	290.2	293.6	295.5	298.7
20°	279.2	278.3	278.7	276.1	278.7	278.3	279.2	280.9	284.3	285.2	288.6
22.5°	270.9	269.0	268.8	268.3	268.8	269.0	270.9	272.5	273.1	276.1	278.3
25°	257.9	257.0	256.0	257.0	256.0	257.0	257.9	259.6	260.3	262.4	264.7
27.5°	246.5	245.4	245.2	245.3	245.2	245.4	246.5	246.4	248.4	250.1	251.8
30°	239.6	237.7	237.9	237.7	237.9	237.7	239.6	239.6	240.8	242.3	243.8
32.5°	232.1	230.8	230.6	230.2	230.6	230.8	232.1	231.8	233.3	235.1	236.7
35°	220.9	220.9	220.0	220.0	220.0	220.9	220.9	221.5	223.1	223.1	224.9
37.5°	210.5	210.3	209.8	209.9	209.8	210.3	210.5	211.0	211.5	212.3	213.5
40°	202.7	202.5	201.9	200.8	201.9	202.5	202.7	203.5	203.8	204.8	205.5
42.5°	195.2	194.5	194.3	193.9	194.3	194.5	195.2	195.6	195.8	197.1	198.6
45°	183.3	183.3	183.0	182.7	183.0	183.3	183.3	183.3	183.5	185.0	185.7
47.5°	171.8	172.1	172.8	172.7	172.8	172.1	171.8	171.5	171.5	172.3	173.2
50°	164.9	165.0	165.6	165.8	165.6	165.0	164.9	164.1	163.7	163.7	164.3
52.5°	157.2	158.2	159.0	158.8	159.0	158.2	157.2	156.5	155.9	155.0	155.8
55°	146.3	147.7	149.0	149.2	149.0	147.7	146.3	144.7	143.9	142.4	143.0
57.5°	135.7	137.5	138.9	139.4	138.9	137.5	135.7	133.7	131.3	130.5	129.5
60°	128.5	130.9	132.6	133.4	132.6	130.9	128.5	126.6	123.4	121.3	120.6
62.5°	121.6	124.3	126.0	126.1	126.0	124.3	121.6	118.6	115.4	113.0	111.5
65°	110.2	113.0	114.5	115.7	114.5	113.0	110.2	107.0	103.5	100.2	98.5
67.5°	98.0	100.9	102.5	103.4	102.5	100.9	98.0	94.0	90.7	87.1	85.1
70°	89.1	92.0	94.2	95.0	94.2	92.0	89.1	84.4	81.6	78.2	76.5
72.5°	80.4	82.9	84.7	85.6	84.7	82.9	80.4	76.0	72.6	69.3	67.0
75°	65.1	68.6	70.3	71.2	70.3	68.6	65.1	62.7	58.9	55.4	53.5
77.5°	50.2	53.3	54.4	54.9	54.4	53.3	50.2	47.4	44.5	41.9	40.1
80°	40.3	42.2	43.5	43.7	43.5	42.2	40.3	38.1	35.8	33.3	31.6
82.5°	31.0	32.5	32.9	33.4	32.9	32.5	31.0	29.0	27.1	25.2	23.8
85°	17.0	17.7	17.9	17.7	17.9	17.7	17.0	15.7	14.7	13.8	13.2
87.5°	10.2	10.2	10.4	10.8	10.4	10.2	10.2	9.8	9.7	9.2	8.6
90°	23.2	23.9	24.6	25.4	24.6	23.9	23.2	22.5	21.6	20.4	19.2
92.5°	22.7	23.0	23.3	23.6	23.3	23.0	22.7	22.3	21.6	20.4	19.2
95°	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	21.6	20.4	19.2
97.5°	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	25.4	32.1	38.7
100°	24.9	24.1	23.1	22.2	23.1	24.1	24.9	25.9	43.9	78.8	113.7
102.5°	180.7	164.7	148.7	132.8	148.7	164.7	180.7	196.6	207.9	214.5	221.1
105°	314.2	314.0	313.7	313.5	313.7	314.0	314.2	314.5	314.5	314.5	314.5
107.5°	397.3	396.6	395.9	395.3	395.9	396.6	397.3	398.0	398.4	398.4	398.3
110°	451.1	451.3	451.6	451.8	451.6	451.3	451.1	450.9	451.1	451.8	452.5



TEST NUMBER: P333358-930

CATALOG NUMBER: S125DIW-S375D1340U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	503.4	503.1	502.8	502.5	502.8	503.1	503.4	503.8	504.4	505.3	506.1
115°	582.7	581.3	579.8	578.5	579.8	581.3	582.7	584.1	585.3	586.2	587.2
117.5°	661.4	660.8	660.1	659.6	660.1	660.8	661.4	661.9	662.9	664.1	665.4
120°	712.9	711.7	710.5	709.4	710.5	711.7	712.9	714.0	714.9	715.3	715.8
122.5°	760.8	759.4	758.0	756.7	758.0	759.4	760.8	762.1	763.0	763.4	763.9
125°	830.8	830.1	829.3	828.7	829.3	830.1	830.8	831.4	832.3	833.2	834.1
127.5°	894.5	892.8	891.0	889.2	891.0	892.8	894.5	896.2	897.3	897.8	898.4
130°	936.7	935.5	934.3	933.2	934.3	935.5	936.7	937.8	938.8	939.5	940.2
132.5°	977.2	976.1	974.9	973.7	974.9	976.1	977.2	978.4	979.0	979.2	979.3
135°	1033.5	1032.0	1030.6	1029.2	1030.6	1032.0	1033.5	1034.9	1035.8	1036.2	1036.7
137.5°	1088.6	1087.4	1086.1	1084.9	1086.1	1087.4	1088.6	1089.8	1090.4	1090.3	1090.2
140°	1122.1	1120.7	1119.3	1117.9	1119.3	1120.7	1122.1	1123.5	1124.0	1123.5	1123.1
142.5°	1153.3	1151.9	1150.6	1149.2	1150.6	1151.9	1153.3	1154.8	1155.4	1155.4	1155.2
145°	1199.1	1197.8	1196.4	1195.0	1196.4	1197.8	1199.1	1200.6	1201.2	1200.9	1200.7
147.5°	1237.8	1236.1	1234.4	1232.7	1234.4	1236.1	1237.8	1239.5	1240.2	1239.9	1239.7
150°	1262.8	1260.9	1259.1	1257.2	1259.1	1260.9	1262.8	1264.7	1265.4	1264.9	1264.5
152.5°	1285.1	1283.4	1281.7	1280.0	1281.7	1283.4	1285.1	1286.8	1287.4	1286.9	1286.5
155°	1315.6	1313.8	1311.9	1310.0	1311.9	1313.8	1315.6	1317.5	1318.1	1317.4	1316.7
157.5°	1340.8	1338.9	1337.0	1335.1	1337.0	1338.9	1340.8	1342.6	1343.2	1342.5	1341.7
160°	1356.8	1354.9	1353.1	1351.2	1353.1	1354.9	1356.8	1358.7	1359.2	1358.2	1357.3
162.5°	1371.7	1369.6	1367.6	1365.5	1367.6	1369.6	1371.7	1373.8	1374.2	1372.9	1371.5
165°	1390.6	1388.7	1386.8	1384.9	1386.8	1388.7	1390.6	1392.4	1392.7	1391.3	1389.8
167.5°	1404.8	1402.7	1400.6	1398.5	1400.6	1402.7	1404.8	1406.9	1407.1	1405.4	1403.8
170°	1412.4	1410.3	1408.2	1406.1	1408.2	1410.3	1412.4	1414.5	1414.6	1412.8	1410.9
172.5°	1417.5	1415.4	1413.2	1411.1	1413.2	1415.4	1417.5	1419.6	1419.8	1418.1	1416.4
175°	1424.0	1421.9	1419.8	1417.6	1419.8	1421.9	1424.0	1426.1	1426.2	1424.3	1422.5
177.5°	1426.0	1424.5	1422.9	1421.5	1422.9	1424.5	1426.0	1427.5	1427.6	1426.3	1425.0
180°	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0



TEST NUMBER: P333358-930

CATALOG NUMBER: S125DIW-S375D1340U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8
2.5°	424.4	426.2	428.4	430.2	433.2	434.5	436.2	437.5	439.9	442.2	444.9
5°	395.8	399.0	403.3	408.1	413.5	417.3	422.6	425.7	432.2	438.0	443.7
7.5°	369.9	373.8	379.9	386.0	393.1	399.6	406.2	413.5	421.7	431.4	439.4
10°	352.1	357.3	363.9	371.5	380.2	387.7	396.6	404.5	414.5	425.7	436.3
12.5°	337.9	342.4	349.8	357.0	366.3	375.5	384.7	395.1	406.8	419.3	432.5
15°	318.4	322.1	328.2	338.2	347.6	356.6	370.4	380.2	394.8	408.8	424.9
17.5°	301.7	306.4	311.4	320.0	329.8	341.0	353.4	365.7	379.8	397.5	415.5
20°	291.5	295.2	301.0	307.6	318.0	329.3	341.0	353.4	370.7	389.1	408.5
22.5°	280.3	284.4	291.0	298.2	306.9	317.7	330.6	344.2	362.3	380.3	401.4
25°	267.2	269.9	276.0	282.4	291.1	300.3	313.6	328.7	346.7	367.2	388.7
27.5°	254.8	257.2	262.7	268.3	276.1	287.1	299.1	314.3	331.2	352.0	375.8
30°	245.8	248.5	253.4	259.4	266.9	276.5	288.8	303.1	321.2	341.5	366.4
32.5°	238.1	240.5	244.2	250.2	257.6	266.9	278.3	292.9	311.0	331.6	356.0
35°	226.2	228.9	231.7	236.4	242.8	251.8	264.3	278.1	295.4	315.4	337.8
37.5°	214.4	217.3	219.8	224.0	229.8	237.8	248.6	262.9	278.6	297.8	319.4
40°	207.0	209.3	211.4	215.9	221.8	229.3	239.3	252.1	268.6	286.6	304.4
42.5°	199.7	201.8	203.5	207.5	212.9	220.0	229.6	242.1	257.5	274.2	290.0
45°	188.0	189.3	191.4	194.8	199.1	205.7	214.9	226.1	239.0	254.9	266.8
47.5°	175.5	177.5	179.2	182.1	185.7	192.2	201.1	210.5	222.3	234.1	242.4
50°	165.8	167.9	170.3	173.2	176.5	182.5	190.6	200.2	210.3	219.3	226.4
52.5°	156.7	158.7	161.3	164.0	168.1	173.2	180.1	188.7	198.5	205.0	210.9
55°	143.3	144.3	147.3	149.9	153.9	157.7	164.7	172.2	178.2	183.1	188.0
57.5°	129.7	130.9	132.7	135.1	139.0	143.4	148.3	155.0	158.5	161.0	164.9
60°	120.9	121.3	122.5	125.3	128.3	132.2	137.9	142.6	145.3	147.3	150.5
62.5°	111.3	111.4	113.2	115.4	117.6	121.9	126.5	130.3	132.4	133.5	136.5
65°	97.8	97.4	98.5	100.2	102.9	105.7	109.7	113.0	112.8	114.0	115.9
67.5°	84.0	83.6	83.6	85.2	87.3	89.8	92.5	94.6	94.6	96.0	97.0
70°	74.6	73.5	74.2	75.6	76.5	78.6	81.6	82.3	82.5	83.2	84.2
72.5°	65.0	64.6	65.1	65.7	66.4	68.0	70.6	71.0	71.1	71.5	73.1
75°	51.6	51.3	50.9	51.4	52.2	53.3	54.2	55.0	54.8	55.0	56.2
77.5°	38.7	37.7	37.4	37.7	37.9	38.6	39.6	39.5	39.7	39.7	40.9
80°	30.7	29.2	29.0	29.0	29.2	29.6	29.9	30.3	29.8	30.3	30.7
82.5°	22.6	21.7	21.6	21.4	21.5	21.6	21.9	22.0	21.9	22.2	22.4
85°	12.5	12.1	11.5	11.9	11.7	11.1	11.5	10.9	10.8	10.9	11.1
87.5°	7.8	7.7	7.1	6.8	6.3	6.1	5.5	5.0	4.4	4.2	4.3
90°	18.1	16.9	15.2	13.6	12.0	10.4	8.6	6.7	4.8	2.9	1.1
92.5°	18.1	16.9	15.4	13.9	12.6	11.1	11.0	12.3	13.6	14.9	16.2
95°	18.1	16.9	25.8	34.7	43.6	52.5	57.3	58.0	58.8	59.4	60.2
97.5°	45.3	51.9	69.5	87.2	104.8	122.5	130.7	129.4	128.2	126.9	125.6
100°	148.7	183.7	182.7	181.8	180.8	179.9	179.1	178.4	177.7	177.0	176.3
102.5°	227.7	234.3	233.7	233.3	232.7	232.1	231.4	230.5	229.6	228.7	227.8
105°	314.5	314.5	314.5	314.5	314.5	314.5	314.1	313.2	312.3	311.3	310.4
107.5°	398.2	398.2	397.7	397.2	396.8	396.3	396.1	396.1	396.1	396.1	396.1
110°	453.2	453.9	453.5	453.0	452.5	452.0	451.8	451.8	451.8	451.8	451.8



TEST NUMBER: P333358-930

CATALOG NUMBER: S125DIW-S375D1340U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	507.0	507.9	507.7	507.4	507.1	506.9	506.4	505.8	505.3	504.8	504.2
115°	588.1	589.1	588.8	588.6	588.3	588.1	587.4	586.2	585.1	583.8	582.7
117.5°	666.6	667.8	666.9	666.0	665.1	664.2	663.8	663.8	663.9	663.9	664.0
120°	716.3	716.7	716.1	715.3	714.6	714.0	713.7	714.0	714.2	714.4	714.6
122.5°	764.4	764.9	764.6	764.3	763.9	763.6	763.0	762.1	761.2	760.3	759.4
125°	835.1	836.0	836.0	836.0	836.0	836.0	835.2	833.6	831.9	830.3	828.7
127.5°	898.9	899.4	899.5	899.7	899.8	899.9	899.4	898.2	897.1	895.9	894.7
130°	940.9	941.6	941.3	941.1	940.9	940.7	940.0	938.8	937.6	936.5	935.2
132.5°	979.5	979.6	980.2	980.6	981.1	981.7	981.2	979.9	978.5	977.1	975.8
135°	1037.2	1037.6	1038.1	1038.6	1039.1	1039.5	1039.1	1037.6	1036.2	1034.9	1033.5
137.5°	1090.1	1090.1	1090.5	1090.9	1091.3	1091.7	1091.3	1090.1	1088.8	1087.6	1086.5
140°	1122.6	1122.1	1122.3	1122.6	1122.8	1123.1	1122.9	1122.4	1122.0	1121.5	1121.0
142.5°	1155.1	1155.0	1154.7	1154.4	1154.1	1153.7	1153.4	1153.2	1152.8	1152.6	1152.3
145°	1200.4	1200.2	1200.2	1200.2	1200.2	1200.2	1200.0	1199.5	1199.1	1198.6	1198.1
147.5°	1239.3	1239.1	1238.8	1238.5	1238.2	1238.0	1237.9	1238.0	1238.0	1238.1	1238.2
150°	1264.0	1263.6	1263.1	1262.7	1262.2	1261.7	1261.7	1262.2	1262.7	1263.1	1263.6
152.5°	1286.0	1285.5	1285.1	1284.6	1284.1	1283.6	1283.9	1285.0	1286.0	1287.0	1288.0
155°	1316.0	1315.3	1314.8	1314.3	1313.9	1313.4	1313.9	1315.3	1316.7	1318.1	1319.5
157.5°	1340.9	1340.2	1340.2	1340.1	1340.0	1340.0	1340.4	1341.2	1342.1	1343.0	1343.8
160°	1356.3	1355.4	1355.2	1354.9	1354.7	1354.5	1355.0	1356.4	1357.9	1359.3	1360.7
162.5°	1370.2	1368.9	1368.6	1368.5	1368.2	1368.0	1368.6	1369.9	1371.3	1372.8	1374.2
165°	1388.5	1387.1	1386.8	1386.6	1386.3	1386.1	1386.7	1388.1	1389.5	1390.9	1392.4
167.5°	1402.1	1400.4	1400.1	1399.9	1399.6	1399.5	1400.0	1401.5	1403.0	1404.4	1405.8
170°	1409.0	1407.1	1406.9	1406.6	1406.4	1406.1	1406.9	1408.5	1410.1	1411.9	1413.5
172.5°	1414.7	1413.0	1412.6	1412.2	1411.8	1411.4	1411.9	1413.6	1415.3	1416.9	1418.5
175°	1420.6	1418.7	1418.5	1418.3	1418.1	1417.8	1418.4	1419.8	1421.2	1422.6	1424.0
177.5°	1423.7	1422.3	1422.1	1422.0	1421.8	1421.6	1422.0	1423.2	1424.3	1425.4	1426.5
180°	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0



TEST NUMBER: P333358-930

CATALOG NUMBER: S125DIW-S375D1340U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8	443.8
2.5°	446.3	448.3	449.7	452.2	454.4	455.6	456.6	457.5	458.6	459.5	462.1
5°	449.1	454.0	458.2	464.6	470.4	474.9	479.8	484.1	487.7	492.8	496.8
7.5°	447.8	456.6	465.7	475.6	485.8	495.1	503.9	511.9	519.3	528.2	536.0
10°	446.7	458.5	470.2	483.6	497.3	509.0	519.9	531.1	539.2	550.5	560.1
12.5°	445.8	459.7	473.9	489.9	505.0	521.5	536.1	544.2	556.5	565.6	577.0
15°	442.0	460.4	479.8	497.9	519.4	534.7	547.5	563.3	574.8	586.3	598.7
17.5°	435.1	456.1	477.8	501.5	522.0	538.4	555.0	570.2	583.9	599.3	614.8
20°	431.9	452.9	477.8	502.1	522.2	539.3	556.3	573.1	588.2	608.0	625.8
22.5°	425.3	450.6	473.5	497.3	518.0	536.6	555.9	574.9	594.9	617.3	639.7
25°	413.5	439.1	463.4	486.8	507.7	531.1	551.6	577.1	602.7	632.3	660.1
27.5°	401.2	425.7	448.0	470.6	495.0	521.5	548.0	576.9	610.5	647.8	687.1
30°	391.3	414.5	436.1	459.3	484.7	514.5	543.7	578.0	616.8	658.8	705.6
32.5°	379.7	401.0	422.1	446.6	474.3	505.7	539.8	577.4	624.0	671.7	719.8
35°	359.8	377.7	399.4	425.6	456.8	492.8	532.2	576.7	630.1	685.0	725.5
37.5°	336.3	352.9	375.8	404.5	437.2	475.9	522.6	575.4	632.2	675.9	688.9
40°	320.4	335.9	359.6	389.4	422.9	463.8	515.0	570.8	625.8	653.7	642.9
42.5°	303.5	319.8	342.9	372.3	408.5	453.0	505.6	561.3	607.5	618.0	580.9
45°	277.0	293.7	316.5	346.3	385.1	433.3	488.1	538.8	565.3	546.3	488.9
47.5°	252.2	267.9	289.0	319.8	359.8	409.7	462.4	502.9	505.0	459.6	398.2
50°	235.3	249.8	271.1	301.8	341.5	392.1	439.7	471.6	457.2	405.8	346.8
52.5°	218.7	232.9	253.9	284.3	323.6	369.9	414.3	436.6	409.6	356.8	306.5
55°	194.8	207.2	227.8	255.8	293.1	336.1	373.7	381.5	346.4	294.5	253.6
57.5°	171.5	183.0	201.7	227.6	261.7	299.7	329.2	327.5	290.5	245.9	213.4
60°	155.6	166.9	183.5	208.7	239.9	272.6	297.8	291.8	255.1	216.6	189.3
62.5°	141.5	151.6	167.2	189.3	217.7	248.0	268.7	259.8	223.9	190.3	168.7
65°	120.6	129.1	142.4	161.3	184.8	209.9	225.9	214.4	183.7	157.5	140.1
67.5°	100.6	107.5	118.6	133.7	153.8	173.9	183.6	172.1	147.5	128.4	115.5
70°	88.0	94.0	102.6	116.0	133.5	150.5	157.8	147.5	126.4	110.0	100.8
72.5°	75.3	80.3	87.9	100.0	114.0	128.7	135.1	125.2	107.9	94.0	85.4
75°	58.2	61.6	66.9	75.2	86.3	98.0	101.5	92.9	81.8	71.4	65.7
77.5°	41.7	44.5	48.5	53.7	61.6	69.1	72.2	67.2	58.6	52.0	47.4
80°	32.0	33.5	36.9	41.3	47.5	52.2	54.2	51.0	45.0	40.1	36.5
82.5°	22.8	24.4	26.3	29.9	33.9	37.1	39.3	37.2	32.9	28.9	26.9
85°	11.1	12.1	13.2	14.7	17.7	19.6	19.4	18.1	16.4	14.9	13.8
87.5°	4.5	5.1	5.9	7.0	7.8	8.7	9.4	9.4	9.1	8.9	8.6
90°	2.9	4.8	6.7	8.6	10.4	12.0	13.6	15.2	16.9	18.1	19.2
92.5°	14.9	13.6	12.3	11.0	11.1	12.6	13.9	15.4	16.9	18.1	19.2
95°	59.4	58.8	58.0	57.3	52.5	43.6	34.7	25.8	16.9	18.1	19.2
97.5°	126.9	128.2	129.4	130.7	122.5	104.8	87.2	69.5	51.9	45.3	38.7
100°	177.0	177.7	178.4	179.1	179.9	180.8	181.8	182.7	183.7	148.7	113.7
102.5°	228.7	229.6	230.5	231.4	232.1	232.7	233.3	233.7	234.3	227.7	221.1
105°	311.3	312.3	313.2	314.1	314.5	314.5	314.5	314.5	314.5	314.5	314.5
107.5°	396.1	396.1	396.1	396.1	396.3	396.8	397.2	397.7	398.2	398.2	398.3
110°	451.8	451.8	451.8	451.8	452.0	452.5	453.0	453.5	453.9	453.2	452.5





TEST NUMBER: P333358-930

CATALOG NUMBER: S125DIW-S375D1340U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	504.8	505.3	505.8	506.4	506.9	507.1	507.4	507.7	507.9	507.0	506.1
115°	583.8	585.1	586.2	587.4	588.1	588.3	588.6	588.8	589.1	588.1	587.2
117.5°	663.9	663.9	663.8	663.8	664.2	665.1	666.0	666.9	667.8	666.6	665.4
120°	714.4	714.2	714.0	713.7	714.0	714.6	715.3	716.1	716.7	716.3	715.8
122.5°	760.3	761.2	762.1	763.0	763.6	763.9	764.3	764.6	764.9	764.4	763.9
125°	830.3	831.9	833.6	835.2	836.0	836.0	836.0	836.0	836.0	835.1	834.1
127.5°	895.9	897.1	898.2	899.4	899.9	899.8	899.7	899.5	899.4	898.9	898.4
130°	936.5	937.6	938.8	940.0	940.7	940.9	941.1	941.3	941.6	940.9	940.2
132.5°	977.1	978.5	979.9	981.2	981.7	981.1	980.6	980.2	979.6	979.5	979.3
135°	1034.9	1036.2	1037.6	1039.1	1039.5	1039.1	1038.6	1038.1	1037.6	1037.2	1036.7
137.5°	1087.6	1088.8	1090.1	1091.3	1091.7	1091.3	1090.9	1090.5	1090.1	1090.1	1090.2
140°	1121.5	1122.0	1122.4	1122.9	1123.1	1122.8	1122.6	1122.3	1122.1	1122.6	1123.1
142.5°	1152.6	1152.8	1153.2	1153.4	1153.7	1154.1	1154.4	1154.7	1155.0	1155.1	1155.2
145°	1198.6	1199.1	1199.5	1200.0	1200.2	1200.2	1200.2	1200.2	1200.2	1200.4	1200.7
147.5°	1238.1	1238.0	1238.0	1237.9	1238.0	1238.2	1238.5	1238.8	1239.1	1239.3	1239.7
150°	1263.1	1262.7	1262.2	1261.7	1261.7	1262.2	1262.7	1263.1	1263.6	1264.0	1264.5
152.5°	1287.0	1286.0	1285.0	1283.9	1283.6	1284.1	1284.6	1285.1	1285.5	1286.0	1286.5
155°	1318.1	1316.7	1315.3	1313.9	1313.4	1313.9	1314.3	1314.8	1315.3	1316.0	1316.7
157.5°	1343.0	1342.1	1341.2	1340.4	1340.0	1340.0	1340.1	1340.2	1340.2	1340.9	1341.7
160°	1359.3	1357.9	1356.4	1355.0	1354.5	1354.7	1354.9	1355.2	1355.4	1356.3	1357.3
162.5°	1372.8	1371.3	1369.9	1368.6	1368.0	1368.2	1368.5	1368.6	1368.9	1370.2	1371.5
165°	1390.9	1389.5	1388.1	1386.7	1386.1	1386.3	1386.6	1386.8	1387.1	1388.5	1389.8
167.5°	1404.4	1403.0	1401.5	1400.0	1399.5	1399.6	1399.9	1400.1	1400.4	1402.1	1403.8
170°	1411.9	1410.1	1408.5	1406.9	1406.1	1406.4	1406.6	1406.9	1407.1	1409.0	1410.9
172.5°	1416.9	1415.3	1413.6	1411.9	1411.4	1411.8	1412.2	1412.6	1413.0	1414.7	1416.4
175°	1422.6	1421.2	1419.8	1418.4	1417.8	1418.1	1418.3	1418.5	1418.7	1420.6	1422.5
177.5°	1425.4	1424.3	1423.2	1422.0	1421.6	1421.8	1422.0	1422.1	1422.3	1423.7	1425.0
180°	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0



TEST NUMBER: P333358-930

CATALOG NUMBER: S125DIW-S375D1340U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	443.8	443.8	443.8	443.8	443.8	443.8	443.8
2.5°	464.2	465.4	468.0	467.1	468.2	468.9	469.4
5°	501.7	507.7	510.4	510.0	514.0	513.0	512.0
7.5°	544.0	550.3	553.9	558.3	560.8	561.1	563.3
10°	568.0	576.3	579.7	584.4	587.4	589.1	588.9
12.5°	586.4	592.9	600.5	602.8	606.8	609.0	608.2
15°	608.5	618.9	626.8	630.7	635.9	637.3	639.4
17.5°	628.3	642.1	651.3	663.7	668.3	671.2	669.4
20°	643.2	661.5	670.7	685.3	693.5	697.8	696.3
22.5°	660.8	680.6	697.7	710.4	722.7	728.6	729.8
25°	691.0	718.1	743.2	759.9	775.2	778.8	786.7
27.5°	724.8	756.8	783.6	801.2	811.8	815.8	818.3
30°	746.0	777.9	798.0	809.3	812.7	812.4	812.0
32.5°	756.4	776.3	780.2	777.1	769.3	762.7	755.9
35°	741.7	726.8	704.6	676.0	654.8	633.6	631.4
37.5°	667.1	619.5	582.4	541.1	517.3	502.6	492.4
40°	596.8	542.7	497.9	463.1	438.8	429.2	419.7
42.5°	520.6	468.9	429.2	400.1	381.8	371.1	363.7
45°	422.9	377.3	346.3	325.1	310.6	302.4	297.7
47.5°	346.6	312.8	286.4	271.2	261.2	254.8	254.8
50°	305.6	273.4	255.8	243.8	235.1	230.0	231.0
52.5°	269.2	245.2	230.2	220.1	213.7	210.6	210.4
55°	225.1	207.8	198.0	190.6	186.3	182.7	183.5
57.5°	192.6	178.0	171.4	165.3	162.2	160.9	158.7
60°	172.4	161.1	155.4	150.5	147.5	146.3	144.3
62.5°	154.4	145.5	140.1	136.1	133.4	133.0	131.3
65°	129.8	123.0	118.1	116.3	113.4	112.7	112.7
67.5°	107.0	102.2	98.3	96.6	95.4	95.6	94.7
70°	92.7	88.7	86.3	84.4	83.5	83.6	82.9
72.5°	81.1	76.6	74.5	73.4	72.2	72.6	72.3
75°	61.4	59.2	58.0	56.9	56.2	55.8	55.4
77.5°	45.1	43.1	42.2	41.6	41.7	40.8	41.5
80°	34.8	33.2	32.6	31.6	31.5	31.5	31.3
82.5°	25.5	24.5	24.1	23.4	23.0	23.3	22.8
85°	13.2	12.5	12.2	12.2	11.9	11.5	12.5
87.5°	8.9	8.6	8.7	8.7	8.9	8.8	8.7
90°	20.4	21.6	22.5	23.2	23.9	24.6	25.4
92.5°	20.4	21.6	22.3	22.7	23.0	23.3	23.6
95°	20.4	21.6	22.2	22.2	22.2	22.2	22.2
97.5°	32.1	25.4	22.2	22.2	22.2	22.2	22.2
100°	78.8	43.9	25.9	24.9	24.1	23.1	22.2
102.5°	214.5	207.9	196.6	180.7	164.7	148.7	132.8
105°	314.5	314.5	314.5	314.2	314.0	313.7	313.5
107.5°	398.4	398.4	398.0	397.3	396.6	395.9	395.3
110°	451.8	451.1	450.9	451.1	451.3	451.6	451.8



TEST NUMBER: P333358-930

CATALOG NUMBER: S125DIW-S375D1340U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	505.3	504.4	503.8	503.4	503.1	502.8	502.5
115°	586.2	585.3	584.1	582.7	581.3	579.8	578.5
117.5°	664.1	662.9	661.9	661.4	660.8	660.1	659.6
120°	715.3	714.9	714.0	712.9	711.7	710.5	709.4
122.5°	763.4	763.0	762.1	760.8	759.4	758.0	756.7
125°	833.2	832.3	831.4	830.8	830.1	829.3	828.7
127.5°	897.8	897.3	896.2	894.5	892.8	891.0	889.2
130°	939.5	938.8	937.8	936.7	935.5	934.3	933.2
132.5°	979.2	979.0	978.4	977.2	976.1	974.9	973.7
135°	1036.2	1035.8	1034.9	1033.5	1032.0	1030.6	1029.2
137.5°	1090.3	1090.4	1089.8	1088.6	1087.4	1086.1	1084.9
140°	1123.5	1124.0	1123.5	1122.1	1120.7	1119.3	1117.9
142.5°	1155.4	1155.4	1154.8	1153.3	1151.9	1150.6	1149.2
145°	1200.9	1201.2	1200.6	1199.1	1197.8	1196.4	1195.0
147.5°	1239.9	1240.2	1239.5	1237.8	1236.1	1234.4	1232.7
150°	1264.9	1265.4	1264.7	1262.8	1260.9	1259.1	1257.2
152.5°	1286.9	1287.4	1286.8	1285.1	1283.4	1281.7	1280.0
155°	1317.4	1318.1	1317.5	1315.6	1313.8	1311.9	1310.0
157.5°	1342.5	1343.2	1342.6	1340.8	1338.9	1337.0	1335.1
160°	1358.2	1359.2	1358.7	1356.8	1354.9	1353.1	1351.2
162.5°	1372.9	1374.2	1373.8	1371.7	1369.6	1367.6	1365.5
165°	1391.3	1392.7	1392.4	1390.6	1388.7	1386.8	1384.9
167.5°	1405.4	1407.1	1406.9	1404.8	1402.7	1400.6	1398.5
170°	1412.8	1414.6	1414.5	1412.4	1410.3	1408.2	1406.1
172.5°	1418.1	1419.8	1419.6	1417.5	1415.4	1413.2	1411.1
175°	1424.3	1426.2	1426.1	1424.0	1421.9	1419.8	1417.6
177.5°	1426.3	1427.6	1427.5	1426.0	1424.5	1422.9	1421.5
180°	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0	1424.0

(END OF REPORT)