

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

Luminaire Tested: **S125DIW-S375D1340U835-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333358
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-S375D1340U835-4F0-1E-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: 6903.4 lumens
Efficiency: N/A
Efficacy: 148.1 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

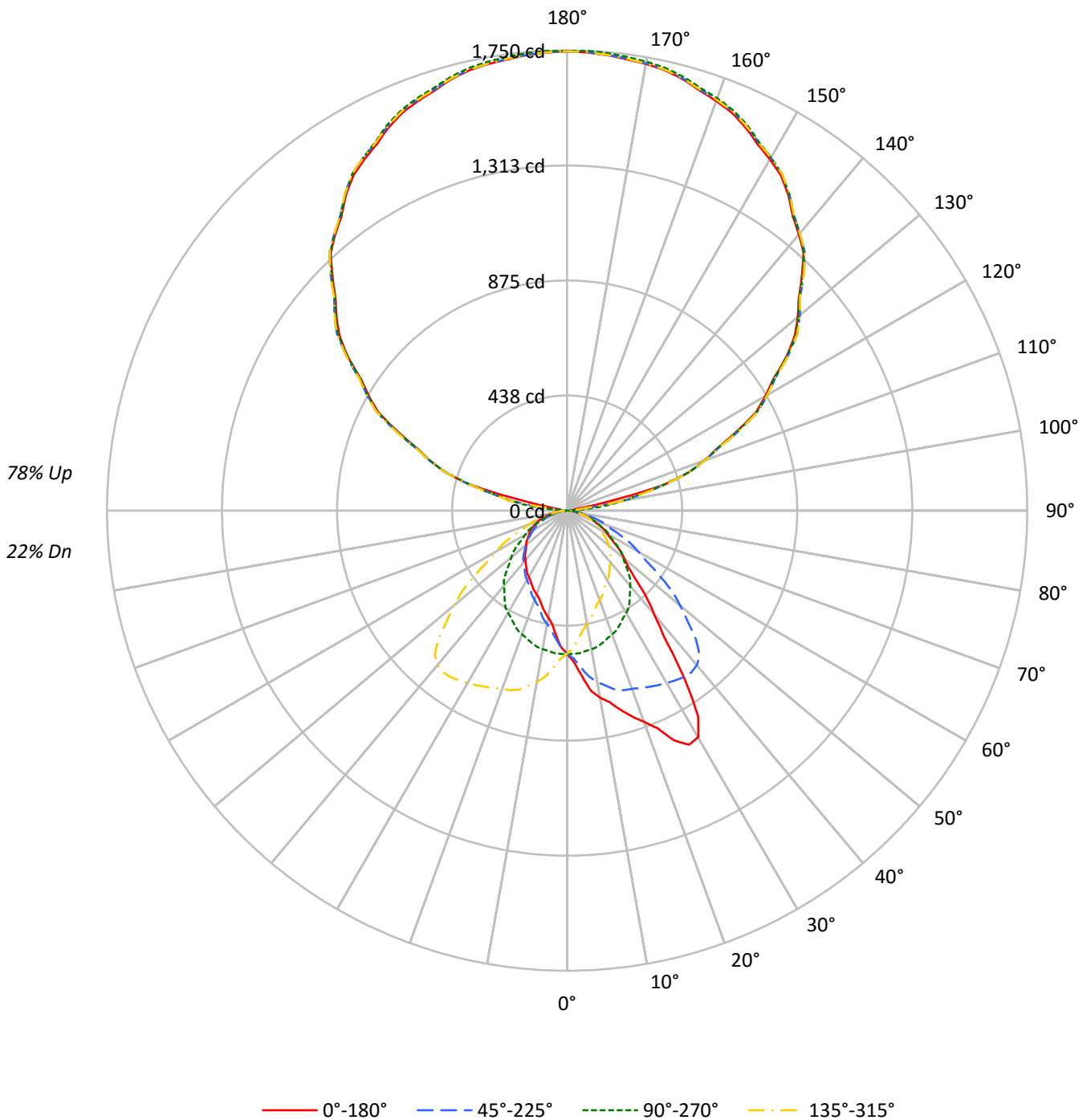
Input Watts (W): 46.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	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°	3516	3516	3516	3516
5°	4071	3528	3089	3528
10°	4737	3510	2706	3510
15°	5243	3484	2497	3484
20°	5869	3443	2328	3443
25°	6876	3397	2246	3397
30°	7427	3351	2175	3351
35°	6106	3266	2128	3266
40°	4340	3148	2076	3148
45°	3335	2988	2047	2988
50°	2846	2790	2043	2790
55°	2535	2597	2061	2597
60°	2286	2384	2113	2384
65°	2112	2172	2168	2172
70°	1920	1951	2200	1951
75°	1694	1719	2178	1719
80°	1428	1402	1993	1402
85°	1134	1008	1608	1008



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.4	0.8
10°-20°	156.0	2.3
20°-30°	253.4	3.7
30°-40°	309.1	4.5
40°-50°	281.2	4.1
50°-60°	224.0	3.2
60°-70°	156.0	2.3
70°-80°	83.2	1.2
80°-90°	24.6	0.4
90°-100°	63.5	0.9
100°-110°	391.2	5.7
110°-120°	709.5	10.3
120°-130°	910.5	13.2
130°-140°	979.3	14.2
140°-150°	919.2	13.3
150°-160°	743.6	10.8
160°-170°	480.9	7.0
170°-180°	165.9	2.4
0°-30°	461.8	6.7
0°-40°	770.9	11.2
0°-60°	1276.0	18.5
0°-90°	1539.8	22.3
90°-120°	1164.1	16.9
90°-150°	3973.2	57.6
90°-180°	5364.0	77.7
0°-180°	6903.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	544	544	544	544	544	
5°	628	544	476	544	628	63
15°	784	521	373	521	784	224
25°	965	477	315	477	965	441
35°	774	414	270	414	774	474
45°	365	327	224	327	365	292
55°	225	231	183	231	225	203
65°	138	142	142	142	138	137
75°	68	69	87	69	68	73
85°	15	14	22	14	15	18
90°	31	1	31	1	31	14
95°	27	74	27	74	27	22
105°	384	381	384	381	384	348
115°	710	715	710	715	710	704
125°	1016	1016	1016	1016	1016	904
135°	1262	1268	1262	1268	1262	974
145°	1466	1470	1466	1470	1466	916
155°	1607	1618	1607	1618	1607	741
165°	1699	1708	1699	1708	1699	479
175°	1739	1747	1739	1747	1739	165
180°	1747	1747	1747	1747	1747	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4
2.5°	575.8	575.1	574.3	572.9	574.0	570.8	569.4	566.8	563.6	562.5	561.2
5°	628.0	629.2	630.4	625.5	626.0	622.7	615.3	609.3	604.5	598.2	593.8
7.5°	690.9	688.2	687.9	684.8	679.4	675.0	667.3	657.4	647.8	636.9	627.9
10°	722.3	722.6	720.5	716.8	711.0	706.8	696.7	687.0	675.2	661.3	651.4
12.5°	746.0	747.0	744.3	739.3	736.5	727.2	719.2	707.7	693.7	682.6	667.5
15°	784.2	781.7	779.9	773.6	768.8	759.1	746.4	734.3	719.1	705.0	690.9
17.5°	821.1	823.2	819.7	814.0	798.9	787.6	770.6	754.1	735.1	716.2	699.4
20°	854.0	855.9	850.6	840.6	822.6	811.3	788.9	767.6	745.7	721.4	702.9
22.5°	895.1	893.6	886.4	871.3	855.7	834.8	810.5	784.6	757.1	729.7	705.1
25°	964.9	955.2	950.8	932.1	911.6	880.8	847.6	809.7	775.5	739.2	707.8
27.5°	1003.7	1000.6	995.7	982.7	961.1	928.2	889.0	842.8	794.6	748.8	707.6
30°	995.9	996.4	996.8	992.7	978.8	954.1	915.0	865.4	808.0	756.5	708.9
32.5°	927.1	935.5	943.6	953.1	957.0	952.2	927.8	882.9	823.9	765.4	708.2
35°	774.5	777.1	803.2	829.1	864.2	891.5	909.7	889.8	840.2	772.9	707.3
37.5°	603.9	616.4	634.5	663.7	714.4	759.8	818.2	845.0	829.0	775.4	705.7
40°	514.8	526.4	538.2	568.0	610.7	665.7	732.0	788.6	801.8	767.6	700.1
42.5°	446.1	455.2	468.3	490.7	526.4	575.1	638.5	712.5	758.0	745.1	688.5
45°	365.1	370.9	381.0	398.8	424.7	462.8	518.7	599.6	670.1	693.4	660.9
47.5°	312.5	312.5	320.4	332.6	351.3	383.7	425.1	488.4	563.7	619.4	616.8
50°	283.3	282.1	288.4	299.0	313.8	335.3	374.8	425.4	497.7	560.8	578.4
52.5°	258.1	258.3	262.1	270.0	282.4	300.7	330.2	375.9	437.6	502.4	535.5
55°	225.1	224.1	228.5	233.8	242.9	254.9	276.1	311.0	361.2	424.9	467.9
57.5°	194.7	197.3	199.0	202.7	210.2	218.3	236.2	261.8	301.6	356.3	401.7
60°	177.0	179.5	180.9	184.6	190.6	197.6	211.4	232.2	265.7	312.9	357.9
62.5°	161.1	163.1	163.6	166.9	171.8	178.5	189.4	206.9	233.4	274.6	318.7
65°	138.2	138.2	139.1	142.6	144.9	150.9	159.2	171.9	193.2	225.3	263.0
67.5°	116.1	117.2	117.0	118.5	120.6	125.3	131.2	141.7	157.5	180.9	211.1
70°	101.7	102.6	102.4	103.5	105.8	108.8	113.7	123.6	134.9	155.0	180.9
72.5°	88.7	89.1	88.5	90.0	91.4	94.0	99.5	104.8	115.3	132.3	153.6
75°	67.9	68.4	68.9	69.8	71.2	72.6	75.3	80.6	87.6	100.3	113.9
77.5°	50.9	50.0	51.2	51.0	51.8	52.9	55.3	58.1	63.8	71.9	82.4
80°	38.4	38.6	38.6	38.8	40.0	40.7	42.7	44.8	49.2	55.2	62.6
82.5°	28.0	28.6	28.2	28.7	29.6	30.1	31.3	33.0	35.5	40.3	45.6
85°	15.3	14.1	14.6	15.0	15.0	15.3	16.2	16.9	18.3	20.1	22.2
87.5°	10.7	10.8	10.9	10.7	10.7	10.5	10.9	10.6	10.9	11.2	11.5
90°	31.1	30.2	29.3	28.5	27.6	26.5	25.0	23.6	22.2	20.7	18.7
92.5°	29.0	28.6	28.2	27.8	27.4	26.5	25.0	23.6	22.2	20.7	18.9
95°	27.2	27.2	27.2	27.2	27.2	26.5	25.0	23.6	22.2	20.7	31.6
97.5°	27.2	27.2	27.2	27.2	27.2	31.2	39.4	47.5	55.6	63.7	85.3
100°	27.2	28.3	29.5	30.6	31.8	53.8	96.7	139.5	182.4	225.3	224.1
102.5°	162.9	182.4	202.0	221.6	241.1	255.0	263.1	271.2	279.3	287.4	286.7
105°	384.5	384.8	385.1	385.4	385.7	385.8	385.8	385.8	385.8	385.8	385.8
107.5°	484.8	485.6	486.5	487.3	488.2	488.6	488.6	488.5	488.4	488.4	487.8
110°	554.2	553.9	553.6	553.3	553.0	553.3	554.2	555.0	555.9	556.7	556.2



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	616.3	616.7	617.1	617.5	617.9	618.7	619.8	620.8	621.9	623.0	622.7
115°	709.5	711.2	713.0	714.7	716.4	717.9	719.0	720.2	721.3	722.5	722.2
117.5°	809.0	809.7	810.5	811.2	811.9	813.1	814.6	816.1	817.6	819.1	818.0
120°	870.1	871.5	872.9	874.4	875.8	876.8	877.4	878.0	878.6	879.1	878.3
122.5°	928.1	929.7	931.4	933.1	934.7	935.9	936.4	937.0	937.6	938.2	937.8
125°	1016.4	1017.2	1018.1	1019.0	1019.8	1020.8	1022.0	1023.1	1024.3	1025.4	1025.4
127.5°	1090.7	1092.8	1095.0	1097.1	1099.2	1100.6	1101.2	1101.9	1102.5	1103.1	1103.3
130°	1144.6	1146.0	1147.4	1148.9	1150.3	1151.5	1152.3	1153.2	1154.1	1154.9	1154.6
132.5°	1194.3	1195.7	1197.2	1198.6	1200.0	1200.8	1201.0	1201.2	1201.4	1201.5	1202.2
135°	1262.4	1264.1	1265.8	1267.6	1269.3	1270.4	1271.0	1271.6	1272.2	1272.7	1273.3
137.5°	1330.7	1332.2	1333.7	1335.2	1336.7	1337.4	1337.3	1337.2	1337.1	1337.0	1337.5
140°	1371.1	1372.9	1374.6	1376.3	1378.0	1378.6	1378.0	1377.5	1376.9	1376.3	1376.6
142.5°	1409.5	1411.2	1412.9	1414.6	1416.4	1417.2	1417.1	1416.9	1416.8	1416.7	1416.3
145°	1465.7	1467.4	1469.1	1470.8	1472.6	1473.3	1473.0	1472.7	1472.4	1472.1	1472.1
147.5°	1512.0	1514.1	1516.1	1518.2	1520.3	1521.2	1520.8	1520.5	1520.1	1519.8	1519.4
150°	1542.0	1544.3	1546.6	1548.9	1551.2	1552.1	1551.5	1551.0	1550.4	1549.8	1549.2
152.5°	1570.0	1572.1	1574.2	1576.2	1578.3	1579.0	1578.5	1577.9	1577.3	1576.7	1576.2
155°	1606.8	1609.1	1611.4	1613.7	1616.0	1616.7	1615.8	1615.0	1614.1	1613.3	1612.7
157.5°	1637.6	1639.9	1642.2	1644.5	1646.8	1647.5	1646.6	1645.7	1644.7	1643.8	1643.8
160°	1657.3	1659.6	1661.9	1664.2	1666.5	1667.1	1665.9	1664.8	1663.6	1662.5	1662.2
162.5°	1674.9	1677.4	1679.9	1682.5	1685.0	1685.5	1683.9	1682.2	1680.6	1679.0	1678.7
165°	1698.7	1701.0	1703.3	1705.6	1707.9	1708.2	1706.5	1704.7	1703.0	1701.3	1701.0
167.5°	1715.3	1717.9	1720.5	1723.0	1725.6	1725.9	1723.8	1721.8	1719.7	1717.6	1717.3
170°	1724.6	1727.2	1729.8	1732.4	1735.0	1735.1	1732.8	1730.5	1728.2	1725.9	1725.6
172.5°	1730.8	1733.4	1736.0	1738.6	1741.2	1741.4	1739.4	1737.3	1735.2	1733.1	1732.6
175°	1738.8	1741.4	1744.0	1746.6	1749.2	1749.3	1747.0	1744.7	1742.4	1740.1	1739.9
177.5°	1743.5	1745.3	1747.2	1749.0	1750.9	1751.0	1749.4	1747.8	1746.2	1744.5	1744.3
180°	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4
2.5°	560.1	558.8	557.3	554.7	551.6	549.9	547.4	545.7	542.4	539.6	536.6
5°	588.5	582.5	577.0	569.8	562.0	556.9	550.9	544.2	537.2	530.1	522.2
7.5°	618.0	607.3	595.8	583.4	571.2	560.0	549.3	538.9	529.1	517.2	507.2
10°	637.7	624.3	610.0	593.2	576.7	562.4	547.9	535.2	522.2	508.4	496.1
12.5°	657.5	639.7	619.4	600.9	581.2	563.9	546.8	530.5	514.3	498.9	484.6
15°	671.5	655.8	637.1	610.7	588.5	564.7	542.1	521.1	501.4	484.3	466.3
17.5°	680.7	660.4	640.3	615.1	586.0	559.4	533.7	509.6	487.5	465.8	448.5
20°	682.3	661.5	640.5	615.8	586.0	555.5	529.8	501.0	477.2	454.7	433.5
22.5°	681.8	658.2	635.3	609.9	580.8	552.7	521.7	492.3	466.4	444.4	422.2
25°	676.6	651.4	622.7	597.1	568.4	538.6	507.2	476.7	450.4	425.2	403.2
27.5°	672.2	639.6	607.1	577.2	549.5	522.2	492.1	460.9	431.7	406.2	385.5
30°	666.9	631.0	594.5	563.3	534.9	508.4	479.9	449.4	418.9	394.0	371.8
32.5°	662.1	620.3	581.8	547.8	517.7	491.9	465.7	436.7	406.7	381.4	359.2
35°	652.8	604.5	560.3	522.0	489.9	463.3	441.3	414.3	386.8	362.3	341.1
37.5°	641.0	583.7	536.3	496.1	460.9	432.9	412.5	391.7	365.3	341.7	322.5
40°	631.7	568.9	518.7	477.6	441.1	412.0	393.0	373.4	351.5	329.5	309.2
42.5°	620.1	555.6	501.0	456.7	420.6	392.2	372.3	355.7	336.3	315.8	297.0
45°	598.7	531.5	472.3	424.7	388.2	360.2	339.7	327.2	312.6	293.2	277.3
47.5°	567.2	502.5	441.3	392.2	354.5	328.6	309.3	297.3	287.1	272.7	258.2
50°	539.3	480.9	418.9	370.2	332.5	306.4	288.6	277.7	269.0	257.9	245.6
52.5°	508.1	453.7	396.9	348.7	311.4	285.7	268.3	258.7	251.4	243.5	231.4
55°	458.4	412.2	359.5	313.8	279.4	254.2	238.9	230.6	224.6	218.6	211.2
57.5°	403.8	367.6	321.0	279.1	247.4	224.5	210.3	202.2	197.5	194.4	190.1
60°	365.3	334.4	294.2	256.0	225.1	204.7	190.9	184.6	180.7	178.2	174.9
62.5°	329.6	304.2	267.0	232.2	205.1	185.9	173.5	167.4	163.7	162.4	159.8
65°	277.1	257.4	226.7	197.8	174.7	158.3	147.9	142.1	139.8	138.4	138.6
67.5°	225.2	213.3	188.6	164.0	145.5	131.8	123.4	119.0	117.8	116.0	116.0
70°	193.6	184.6	163.8	142.3	125.9	115.3	107.9	103.3	102.1	101.2	101.0
72.5°	165.7	157.8	139.8	122.6	107.8	98.5	92.4	89.6	87.7	87.2	87.1
75°	124.5	120.2	105.8	92.2	82.0	75.6	71.4	68.9	67.5	67.2	67.5
77.5°	88.5	84.7	75.6	65.9	59.5	54.6	51.1	50.2	48.7	48.7	48.5
80°	66.5	64.0	58.2	50.6	45.3	41.1	39.3	37.7	37.2	36.5	37.2
82.5°	48.2	45.5	41.6	36.7	32.3	29.9	28.0	27.5	27.2	26.9	27.0
85°	23.8	24.0	21.7	18.0	16.2	14.8	13.6	13.6	13.4	13.2	13.4
87.5°	11.5	10.7	9.6	8.6	7.2	6.2	5.5	5.3	5.2	5.4	6.1
90°	16.7	14.7	12.7	10.5	8.2	5.9	3.6	1.3	3.6	5.9	8.2
92.5°	17.1	15.4	13.6	13.5	15.1	16.7	18.3	19.9	18.3	16.7	15.1
95°	42.6	53.5	64.4	70.3	71.2	72.1	72.9	73.8	72.9	72.1	71.2
97.5°	107.0	128.6	150.2	160.3	158.7	157.2	155.6	154.1	155.6	157.2	158.7
100°	223.0	221.8	220.7	219.7	218.8	217.9	217.1	216.2	217.1	217.9	218.8
102.5°	286.1	285.4	284.7	283.8	282.7	281.6	280.5	279.4	280.5	281.6	282.7
105°	385.8	385.8	385.8	385.3	384.1	383.0	381.8	380.7	381.8	383.0	384.1
107.5°	487.2	486.7	486.1	485.8	485.8	485.8	485.8	485.8	485.8	485.8	485.8
110°	555.6	555.0	554.4	554.2	554.2	554.2	554.2	554.2	554.2	554.2	554.2



TEST NUMBER: P333358

CATALOG NUMBER: S125DIW-S375D1340U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	622.3	622.0	621.7	621.1	620.4	619.8	619.1	618.4	619.1	619.8	620.4
115°	721.9	721.6	721.3	720.5	719.0	717.6	716.1	714.7	716.1	717.6	719.0
117.5°	816.9	815.8	814.7	814.2	814.2	814.3	814.3	814.4	814.3	814.3	814.2
120°	877.4	876.5	875.7	875.4	875.7	876.0	876.3	876.5	876.3	876.0	875.7
122.5°	937.4	937.0	936.6	935.8	934.7	933.6	932.5	931.4	932.5	933.6	934.7
125°	1025.4	1025.4	1025.4	1024.4	1022.4	1020.4	1018.4	1016.4	1018.4	1020.4	1022.4
127.5°	1103.5	1103.6	1103.8	1103.2	1101.7	1100.3	1098.9	1097.4	1098.9	1100.3	1101.7
130°	1154.3	1154.1	1153.8	1152.9	1151.5	1150.0	1148.6	1147.1	1148.6	1150.0	1151.5
132.5°	1202.8	1203.4	1204.1	1203.5	1201.9	1200.2	1198.5	1196.9	1198.5	1200.2	1201.9
135°	1273.9	1274.5	1275.0	1274.5	1272.7	1271.0	1269.3	1267.6	1269.3	1271.0	1272.7
137.5°	1338.0	1338.5	1339.0	1338.5	1337.0	1335.5	1334.0	1332.6	1334.0	1335.5	1337.0
140°	1376.9	1377.2	1377.5	1377.3	1376.7	1376.2	1375.6	1375.0	1375.6	1376.2	1376.7
142.5°	1415.9	1415.5	1415.1	1414.7	1414.4	1414.0	1413.7	1413.3	1413.7	1414.0	1414.4
145°	1472.1	1472.1	1472.1	1471.8	1471.3	1470.7	1470.1	1469.5	1470.1	1470.7	1471.3
147.5°	1519.1	1518.7	1518.4	1518.3	1518.4	1518.5	1518.6	1518.7	1518.6	1518.5	1518.4
150°	1548.7	1548.1	1547.5	1547.5	1548.1	1548.7	1549.2	1549.8	1549.2	1548.7	1548.1
152.5°	1575.6	1575.0	1574.4	1574.8	1576.1	1577.3	1578.6	1579.8	1578.6	1577.3	1576.1
155°	1612.1	1611.5	1611.0	1611.5	1613.3	1615.0	1616.7	1618.4	1616.7	1615.0	1613.3
157.5°	1643.7	1643.6	1643.6	1644.1	1645.1	1646.1	1647.2	1648.2	1647.2	1646.1	1645.1
160°	1661.9	1661.6	1661.3	1662.0	1663.7	1665.5	1667.2	1668.9	1667.2	1665.5	1663.7
162.5°	1678.5	1678.2	1677.9	1678.6	1680.3	1682.0	1683.8	1685.5	1683.8	1682.0	1680.3
165°	1700.7	1700.4	1700.1	1700.9	1702.6	1704.3	1706.0	1707.8	1706.0	1704.3	1702.6
167.5°	1717.0	1716.7	1716.5	1717.2	1719.0	1720.8	1722.6	1724.3	1722.6	1720.8	1719.0
170°	1725.3	1725.0	1724.7	1725.6	1727.6	1729.6	1731.7	1733.7	1731.7	1729.6	1727.6
172.5°	1732.1	1731.6	1731.1	1731.8	1733.8	1735.9	1737.9	1739.9	1737.9	1735.9	1733.8
175°	1739.6	1739.3	1739.0	1739.7	1741.4	1743.2	1744.9	1746.6	1744.9	1743.2	1741.4
177.5°	1744.1	1743.9	1743.6	1744.2	1745.6	1747.0	1748.3	1749.7	1748.3	1747.0	1745.6
180°	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6



TEST NUMBER: P333358

CATALOG NUMBER: S125DIW-S375D1340U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4
2.5°	535.0	532.9	531.3	527.6	525.5	522.8	520.6	523.0	520.4	521.5	519.8
5°	518.3	511.8	507.2	500.5	494.7	489.4	485.5	484.8	482.9	482.0	479.2
7.5°	498.2	490.1	482.2	473.4	466.0	458.5	453.7	449.7	447.1	443.6	441.2
10°	486.4	475.5	466.3	455.7	446.4	438.3	431.9	428.6	425.6	421.2	419.6
12.5°	471.8	460.6	449.3	437.9	429.0	420.0	414.5	409.6	407.5	402.6	402.1
15°	454.3	437.4	426.3	414.8	402.5	395.1	390.5	385.2	382.9	379.4	376.9
17.5°	433.4	418.3	404.5	392.5	382.0	375.8	370.0	366.4	362.4	360.1	356.0
20°	418.2	403.9	390.0	377.3	369.2	362.1	357.5	354.0	349.8	348.7	344.5
22.5°	405.5	389.7	376.4	365.7	356.9	348.8	343.8	341.4	338.6	335.0	334.2
25°	384.7	368.3	357.0	346.4	338.5	331.1	327.7	324.7	321.9	319.3	318.4
27.5°	366.8	352.1	338.7	329.1	322.2	315.5	312.5	308.8	306.8	304.7	302.2
30°	354.2	339.2	327.4	318.2	310.8	304.8	301.5	299.0	297.2	295.3	293.9
32.5°	341.3	327.4	316.0	306.9	299.5	295.0	292.1	290.3	288.3	286.1	284.3
35°	324.2	308.9	297.8	290.0	284.2	280.7	277.5	275.9	273.6	273.6	271.7
37.5°	304.9	291.7	281.9	274.8	269.6	266.5	263.0	261.9	260.4	259.4	258.8
40°	293.5	281.2	272.0	264.8	259.3	256.7	253.9	252.1	251.2	250.0	249.6
42.5°	281.6	269.9	261.1	254.5	249.6	247.5	244.9	243.6	241.7	240.2	239.9
45°	263.6	252.3	244.2	238.9	234.8	232.2	230.6	227.8	226.9	225.1	224.8
47.5°	246.6	235.7	227.8	223.4	219.8	217.7	215.2	212.4	211.3	210.4	210.3
50°	233.8	223.9	216.5	212.4	208.9	205.9	203.3	201.5	200.8	200.8	201.3
52.5°	220.9	212.4	206.2	201.1	197.8	194.6	192.2	191.1	190.1	191.2	192.0
55°	202.0	193.4	188.8	183.9	180.7	177.0	175.8	175.4	174.7	176.5	177.5
57.5°	181.9	175.9	170.5	165.7	162.8	160.6	159.1	158.8	160.1	161.0	164.0
60°	169.1	162.2	157.4	153.7	150.2	148.8	148.3	147.9	148.8	151.3	155.3
62.5°	155.1	149.5	144.2	141.5	138.9	136.6	136.5	136.8	138.6	141.6	145.5
65°	134.5	129.6	126.2	122.9	120.8	119.5	119.9	120.8	122.9	126.9	131.2
67.5°	113.5	110.2	107.1	104.5	102.5	102.5	103.0	104.4	106.8	111.3	115.3
70°	100.1	96.4	93.8	92.7	91.0	90.1	91.5	93.8	95.9	100.1	103.5
72.5°	86.6	83.4	81.4	80.6	79.9	79.2	79.7	82.2	85.0	89.1	93.2
75°	66.5	65.4	64.0	63.1	62.4	62.9	63.3	65.6	67.9	72.3	76.9
77.5°	48.6	47.4	46.5	46.3	45.9	46.2	47.5	49.2	51.4	54.6	58.1
80°	36.7	36.3	35.8	35.6	35.6	35.8	37.7	38.8	40.9	43.9	46.7
82.5°	26.8	26.5	26.4	26.3	26.5	26.6	27.7	29.2	30.9	33.2	35.6
85°	14.1	13.6	14.3	14.6	14.1	14.8	15.3	16.2	16.9	18.0	19.2
87.5°	6.7	7.5	7.7	8.3	8.7	9.5	9.6	10.6	11.3	11.9	12.0
90°	10.5	12.7	14.7	16.7	18.7	20.7	22.2	23.6	25.0	26.5	27.6
92.5°	13.5	13.6	15.4	17.1	18.9	20.7	22.2	23.6	25.0	26.5	27.4
95°	70.3	64.4	53.5	42.6	31.6	20.7	22.2	23.6	25.0	26.5	27.2
97.5°	160.3	150.2	128.6	107.0	85.3	63.7	55.6	47.5	39.4	31.2	27.2
100°	219.7	220.7	221.8	223.0	224.1	225.3	182.4	139.5	96.7	53.8	31.8
102.5°	283.8	284.7	285.4	286.1	286.7	287.4	279.3	271.2	263.1	255.0	241.1
105°	385.3	385.8	385.8	385.8	385.8	385.8	385.8	385.8	385.8	385.8	385.7
107.5°	485.8	486.1	486.7	487.2	487.8	488.4	488.4	488.5	488.6	488.6	488.2
110°	554.2	554.4	555.0	555.6	556.2	556.7	555.9	555.0	554.2	553.3	553.0



TEST NUMBER: P333358

CATALOG NUMBER: S125DIW-S375D1340U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	621.1	621.7	622.0	622.3	622.7	623.0	621.9	620.8	619.8	618.7	617.9
115°	720.5	721.3	721.6	721.9	722.2	722.5	721.3	720.2	719.0	717.9	716.4
117.5°	814.2	814.7	815.8	816.9	818.0	819.1	817.6	816.1	814.6	813.1	811.9
120°	875.4	875.7	876.5	877.4	878.3	879.1	878.6	878.0	877.4	876.8	875.8
122.5°	935.8	936.6	937.0	937.4	937.8	938.2	937.6	937.0	936.4	935.9	934.7
125°	1024.4	1025.4	1025.4	1025.4	1025.4	1025.4	1024.3	1023.1	1022.0	1020.8	1019.8
127.5°	1103.2	1103.8	1103.6	1103.5	1103.3	1103.1	1102.5	1101.9	1101.2	1100.6	1099.2
130°	1152.9	1153.8	1154.1	1154.3	1154.6	1154.9	1154.1	1153.2	1152.3	1151.5	1150.3
132.5°	1203.5	1204.1	1203.4	1202.8	1202.2	1201.5	1201.4	1201.2	1201.0	1200.8	1200.0
135°	1274.5	1275.0	1274.5	1273.9	1273.3	1272.7	1272.2	1271.6	1271.0	1270.4	1269.3
137.5°	1338.5	1339.0	1338.5	1338.0	1337.5	1337.0	1337.1	1337.2	1337.3	1337.4	1336.7
140°	1377.3	1377.5	1377.2	1376.9	1376.6	1376.3	1376.9	1377.5	1378.0	1378.6	1378.0
142.5°	1414.7	1415.1	1415.5	1415.9	1416.3	1416.7	1416.8	1416.9	1417.1	1417.2	1416.4
145°	1471.8	1472.1	1472.1	1472.1	1472.1	1472.1	1472.4	1472.7	1473.0	1473.3	1472.6
147.5°	1518.3	1518.4	1518.7	1519.1	1519.4	1519.8	1520.1	1520.5	1520.8	1521.2	1520.3
150°	1547.5	1547.5	1548.1	1548.7	1549.2	1549.8	1550.4	1551.0	1551.5	1552.1	1551.2
152.5°	1574.8	1574.4	1575.0	1575.6	1576.2	1576.7	1577.3	1577.9	1578.5	1579.0	1578.3
155°	1611.5	1611.0	1611.5	1612.1	1612.7	1613.3	1614.1	1615.0	1615.8	1616.7	1616.0
157.5°	1644.1	1643.6	1643.6	1643.7	1643.8	1643.8	1644.7	1645.7	1646.6	1647.5	1646.8
160°	1662.0	1661.3	1661.6	1661.9	1662.2	1662.5	1663.6	1664.8	1665.9	1667.1	1666.5
162.5°	1678.6	1677.9	1678.2	1678.5	1678.7	1679.0	1680.6	1682.2	1683.9	1685.5	1685.0
165°	1700.9	1700.1	1700.4	1700.7	1701.0	1701.3	1703.0	1704.7	1706.5	1708.2	1707.9
167.5°	1717.2	1716.5	1716.7	1717.0	1717.3	1717.6	1719.7	1721.8	1723.8	1725.9	1725.6
170°	1725.6	1724.7	1725.0	1725.3	1725.6	1725.9	1728.2	1730.5	1732.8	1735.1	1735.0
172.5°	1731.8	1731.1	1731.6	1732.1	1732.6	1733.1	1735.2	1737.3	1739.4	1741.4	1741.2
175°	1739.7	1739.0	1739.3	1739.6	1739.9	1740.1	1742.4	1744.7	1747.0	1749.3	1749.2
177.5°	1744.2	1743.6	1743.9	1744.1	1744.3	1744.5	1746.2	1747.8	1749.4	1751.0	1750.9
180°	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6



TEST NUMBER: P333358

CATALOG NUMBER: S125DIW-S375D1340U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4
2.5°	518.7	520.0	518.9	520.4	518.9	520.0	518.7	519.8	521.5	520.4	523.0
5°	478.1	476.0	477.4	476.5	477.4	476.0	478.1	479.2	482.0	482.9	484.8
7.5°	440.6	438.6	436.3	435.2	436.3	438.6	440.6	441.2	443.6	447.1	449.7
10°	417.1	414.5	414.3	412.7	414.3	414.5	417.1	419.6	421.2	425.6	428.6
12.5°	399.9	397.5	394.9	394.2	394.9	397.5	399.9	402.1	402.6	407.5	409.6
15°	375.5	373.6	372.0	373.4	372.0	373.6	375.5	376.9	379.4	382.9	385.2
17.5°	355.2	353.7	353.4	351.7	353.4	353.7	355.2	356.0	360.1	362.4	366.4
20°	342.4	341.3	341.8	338.7	341.8	341.3	342.4	344.5	348.7	349.8	354.0
22.5°	332.3	330.0	329.7	329.1	329.7	330.0	332.3	334.2	335.0	338.6	341.4
25°	316.3	315.2	314.0	315.2	314.0	315.2	316.3	318.4	319.3	321.9	324.7
27.5°	302.4	301.0	300.7	300.9	300.7	301.0	302.4	302.2	304.7	306.8	308.8
30°	293.9	291.6	291.8	291.6	291.8	291.6	293.9	293.9	295.3	297.2	299.0
32.5°	284.7	283.1	282.8	282.4	282.8	283.1	284.7	284.3	286.1	288.3	290.3
35°	271.0	271.0	269.9	269.9	269.9	271.0	271.0	271.7	273.6	273.6	275.9
37.5°	258.2	258.0	257.3	257.4	257.3	258.0	258.2	258.8	259.4	260.4	261.9
40°	248.6	248.4	247.7	246.3	247.7	248.4	248.6	249.6	250.0	251.2	252.1
42.5°	239.4	238.6	238.3	237.8	238.3	238.6	239.4	239.9	240.2	241.7	243.6
45°	224.8	224.8	224.4	224.1	224.4	224.8	224.8	224.8	225.1	226.9	227.8
47.5°	210.7	211.1	212.0	211.8	212.0	211.1	210.7	210.3	210.4	211.3	212.4
50°	202.2	202.4	203.1	203.3	203.1	202.4	202.2	201.3	200.8	200.8	201.5
52.5°	192.8	194.1	195.0	194.8	195.0	194.1	192.8	192.0	191.2	190.1	191.1
55°	179.5	181.2	182.8	183.0	182.8	181.2	179.5	177.5	176.5	174.7	175.4
57.5°	166.5	168.7	170.4	171.0	170.4	168.7	166.5	164.0	161.0	160.1	158.8
60°	157.6	160.6	162.7	163.6	162.7	160.6	157.6	155.3	151.3	148.8	147.9
62.5°	149.1	152.5	154.5	154.7	154.5	152.5	149.1	145.5	141.6	138.6	136.8
65°	135.2	138.6	140.5	141.9	140.5	138.6	135.2	131.2	126.9	122.9	120.8
67.5°	120.2	123.7	125.7	126.8	125.7	123.7	120.2	115.3	111.3	106.8	104.4
70°	109.3	112.8	115.5	116.5	115.5	112.8	109.3	103.5	100.1	95.9	93.8
72.5°	98.6	101.7	103.9	105.0	103.9	101.7	98.6	93.2	89.1	85.0	82.2
75°	79.9	84.1	86.2	87.3	86.2	84.1	79.9	76.9	72.3	67.9	65.6
77.5°	61.6	65.4	66.7	67.3	66.7	65.4	61.6	58.1	54.6	51.4	49.2
80°	49.4	51.8	53.4	53.6	53.4	51.8	49.4	46.7	43.9	40.9	38.8
82.5°	38.0	39.9	40.4	41.0	40.4	39.9	38.0	35.6	33.2	30.9	29.2
85°	20.8	21.7	22.0	21.7	22.0	21.7	20.8	19.2	18.0	16.9	16.2
87.5°	12.5	12.5	12.7	13.2	12.7	12.5	12.5	12.0	11.9	11.3	10.6
90°	28.5	29.3	30.2	31.1	30.2	29.3	28.5	27.6	26.5	25.0	23.6
92.5°	27.8	28.2	28.6	29.0	28.6	28.2	27.8	27.4	26.5	25.0	23.6
95°	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	26.5	25.0	23.6
97.5°	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	31.2	39.4	47.5
100°	30.6	29.5	28.3	27.2	28.3	29.5	30.6	31.8	53.8	96.7	139.5
102.5°	221.6	202.0	182.4	162.9	182.4	202.0	221.6	241.1	255.0	263.1	271.2
105°	385.4	385.1	384.8	384.5	384.8	385.1	385.4	385.7	385.8	385.8	385.8
107.5°	487.3	486.5	485.6	484.8	485.6	486.5	487.3	488.2	488.6	488.6	488.5
110°	553.3	553.6	553.9	554.2	553.9	553.6	553.3	553.0	553.3	554.2	555.0



TEST NUMBER: P333358

CATALOG NUMBER: S125DIW-S375D1340U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	617.5	617.1	616.7	616.3	616.7	617.1	617.5	617.9	618.7	619.8	620.8
115°	714.7	713.0	711.2	709.5	711.2	713.0	714.7	716.4	717.9	719.0	720.2
117.5°	811.2	810.5	809.7	809.0	809.7	810.5	811.2	811.9	813.1	814.6	816.1
120°	874.4	872.9	871.5	870.1	871.5	872.9	874.4	875.8	876.8	877.4	878.0
122.5°	933.1	931.4	929.7	928.1	929.7	931.4	933.1	934.7	935.9	936.4	937.0
125°	1019.0	1018.1	1017.2	1016.4	1017.2	1018.1	1019.0	1019.8	1020.8	1022.0	1023.1
127.5°	1097.1	1095.0	1092.8	1090.7	1092.8	1095.0	1097.1	1099.2	1100.6	1101.2	1101.9
130°	1148.9	1147.4	1146.0	1144.6	1146.0	1147.4	1148.9	1150.3	1151.5	1152.3	1153.2
132.5°	1198.6	1197.2	1195.7	1194.3	1195.7	1197.2	1198.6	1200.0	1200.8	1201.0	1201.2
135°	1267.6	1265.8	1264.1	1262.4	1264.1	1265.8	1267.6	1269.3	1270.4	1271.0	1271.6
137.5°	1335.2	1333.7	1332.2	1330.7	1332.2	1333.7	1335.2	1336.7	1337.4	1337.3	1337.2
140°	1376.3	1374.6	1372.9	1371.1	1372.9	1374.6	1376.3	1378.0	1378.6	1378.0	1377.5
142.5°	1414.6	1412.9	1411.2	1409.5	1411.2	1412.9	1414.6	1416.4	1417.2	1417.1	1416.9
145°	1470.8	1469.1	1467.4	1465.7	1467.4	1469.1	1470.8	1472.6	1473.3	1473.0	1472.7
147.5°	1518.2	1516.1	1514.1	1512.0	1514.1	1516.1	1518.2	1520.3	1521.2	1520.8	1520.5
150°	1548.9	1546.6	1544.3	1542.0	1544.3	1546.6	1548.9	1551.2	1552.1	1551.5	1551.0
152.5°	1576.2	1574.2	1572.1	1570.0	1572.1	1574.2	1576.2	1578.3	1579.0	1578.5	1577.9
155°	1613.7	1611.4	1609.1	1606.8	1609.1	1611.4	1613.7	1616.0	1616.7	1615.8	1615.0
157.5°	1644.5	1642.2	1639.9	1637.6	1639.9	1642.2	1644.5	1646.8	1647.5	1646.6	1645.7
160°	1664.2	1661.9	1659.6	1657.3	1659.6	1661.9	1664.2	1666.5	1667.1	1665.9	1664.8
162.5°	1682.5	1679.9	1677.4	1674.9	1677.4	1679.9	1682.5	1685.0	1685.5	1683.9	1682.2
165°	1705.6	1703.3	1701.0	1698.7	1701.0	1703.3	1705.6	1707.9	1708.2	1706.5	1704.7
167.5°	1723.0	1720.5	1717.9	1715.3	1717.9	1720.5	1723.0	1725.6	1725.9	1723.8	1721.8
170°	1732.4	1729.8	1727.2	1724.6	1727.2	1729.8	1732.4	1735.0	1735.1	1732.8	1730.5
172.5°	1738.6	1736.0	1733.4	1730.8	1733.4	1736.0	1738.6	1741.2	1741.4	1739.4	1737.3
175°	1746.6	1744.0	1741.4	1738.8	1741.4	1744.0	1746.6	1749.2	1749.3	1747.0	1744.7
177.5°	1749.0	1747.2	1745.3	1743.5	1745.3	1747.2	1749.0	1750.9	1751.0	1749.4	1747.8
180°	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6



TEST NUMBER: P333358

CATALOG NUMBER: S125DIW-S375D1340U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4
2.5°	520.6	522.8	525.5	527.6	531.3	532.9	535.0	536.6	539.6	542.4	545.7
5°	485.5	489.4	494.7	500.5	507.2	511.8	518.3	522.2	530.1	537.2	544.2
7.5°	453.7	458.5	466.0	473.4	482.2	490.1	498.2	507.2	517.2	529.1	538.9
10°	431.9	438.3	446.4	455.7	466.3	475.5	486.4	496.1	508.4	522.2	535.2
12.5°	414.5	420.0	429.0	437.9	449.3	460.6	471.8	484.6	498.9	514.3	530.5
15°	390.5	395.1	402.5	414.8	426.3	437.4	454.3	466.3	484.3	501.4	521.1
17.5°	370.0	375.8	382.0	392.5	404.5	418.3	433.4	448.5	465.8	487.5	509.6
20°	357.5	362.1	369.2	377.3	390.0	403.9	418.2	433.5	454.7	477.2	501.0
22.5°	343.8	348.8	356.9	365.7	376.4	389.7	405.5	422.2	444.4	466.4	492.3
25°	327.7	331.1	338.5	346.4	357.0	368.3	384.7	403.2	425.2	450.4	476.7
27.5°	312.5	315.5	322.2	329.1	338.7	352.1	366.8	385.5	406.2	431.7	460.9
30°	301.5	304.8	310.8	318.2	327.4	339.2	354.2	371.8	394.0	418.9	449.4
32.5°	292.1	295.0	299.5	306.9	316.0	327.4	341.3	359.2	381.4	406.7	436.7
35°	277.5	280.7	284.2	290.0	297.8	308.9	324.2	341.1	362.3	386.8	414.3
37.5°	263.0	266.5	269.6	274.8	281.9	291.7	304.9	322.5	341.7	365.3	391.7
40°	253.9	256.7	259.3	264.8	272.0	281.2	293.5	309.2	329.5	351.5	373.4
42.5°	244.9	247.5	249.6	254.5	261.1	269.9	281.6	297.0	315.8	336.3	355.7
45°	230.6	232.2	234.8	238.9	244.2	252.3	263.6	277.3	293.2	312.6	327.2
47.5°	215.2	217.7	219.8	223.4	227.8	235.7	246.6	258.2	272.7	287.1	297.3
50°	203.3	205.9	208.9	212.4	216.5	223.9	233.8	245.6	257.9	269.0	277.7
52.5°	192.2	194.6	197.8	201.1	206.2	212.4	220.9	231.4	243.5	251.4	258.7
55°	175.8	177.0	180.7	183.9	188.8	193.4	202.0	211.2	218.6	224.6	230.6
57.5°	159.1	160.6	162.8	165.7	170.5	175.9	181.9	190.1	194.4	197.5	202.2
60°	148.3	148.8	150.2	153.7	157.4	162.2	169.1	174.9	178.2	180.7	184.6
62.5°	136.5	136.6	138.9	141.5	144.2	149.5	155.1	159.8	162.4	163.7	167.4
65°	119.9	119.5	120.8	122.9	126.2	129.6	134.5	138.6	138.4	139.8	142.1
67.5°	103.0	102.5	102.5	104.5	107.1	110.2	113.5	116.0	116.0	117.8	119.0
70°	91.5	90.1	91.0	92.7	93.8	96.4	100.1	101.0	101.2	102.1	103.3
72.5°	79.7	79.2	79.9	80.6	81.4	83.4	86.6	87.1	87.2	87.7	89.6
75°	63.3	62.9	62.4	63.1	64.0	65.4	66.5	67.5	67.2	67.5	68.9
77.5°	47.5	46.2	45.9	46.3	46.5	47.4	48.6	48.5	48.7	48.7	50.2
80°	37.7	35.8	35.6	35.6	35.8	36.3	36.7	37.2	36.5	37.2	37.7
82.5°	27.7	26.6	26.5	26.3	26.4	26.5	26.8	27.0	26.9	27.2	27.5
85°	15.3	14.8	14.1	14.6	14.3	13.6	14.1	13.4	13.2	13.4	13.6
87.5°	9.6	9.5	8.7	8.3	7.7	7.5	6.7	6.1	5.4	5.2	5.3
90°	22.2	20.7	18.7	16.7	14.7	12.7	10.5	8.2	5.9	3.6	1.3
92.5°	22.2	20.7	18.9	17.1	15.4	13.6	13.5	15.1	16.7	18.3	19.9
95°	22.2	20.7	31.6	42.6	53.5	64.4	70.3	71.2	72.1	72.9	73.8
97.5°	55.6	63.7	85.3	107.0	128.6	150.2	160.3	158.7	157.2	155.6	154.1
100°	182.4	225.3	224.1	223.0	221.8	220.7	219.7	218.8	217.9	217.1	216.2
102.5°	279.3	287.4	286.7	286.1	285.4	284.7	283.8	282.7	281.6	280.5	279.4
105°	385.8	385.8	385.8	385.8	385.8	385.8	385.3	384.1	383.0	381.8	380.7
107.5°	488.4	488.4	487.8	487.2	486.7	486.1	485.8	485.8	485.8	485.8	485.8
110°	555.9	556.7	556.2	555.6	555.0	554.4	554.2	554.2	554.2	554.2	554.2



TEST NUMBER: P333358

CATALOG NUMBER: S125DIW-S375D1340U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	621.9	623.0	622.7	622.3	622.0	621.7	621.1	620.4	619.8	619.1	618.4
115°	721.3	722.5	722.2	721.9	721.6	721.3	720.5	719.0	717.6	716.1	714.7
117.5°	817.6	819.1	818.0	816.9	815.8	814.7	814.2	814.2	814.3	814.3	814.4
120°	878.6	879.1	878.3	877.4	876.5	875.7	875.4	875.7	876.0	876.3	876.5
122.5°	937.6	938.2	937.8	937.4	937.0	936.6	935.8	934.7	933.6	932.5	931.4
125°	1024.3	1025.4	1025.4	1025.4	1025.4	1025.4	1024.4	1022.4	1020.4	1018.4	1016.4
127.5°	1102.5	1103.1	1103.3	1103.5	1103.6	1103.8	1103.2	1101.7	1100.3	1098.9	1097.4
130°	1154.1	1154.9	1154.6	1154.3	1154.1	1153.8	1152.9	1151.5	1150.0	1148.6	1147.1
132.5°	1201.4	1201.5	1202.2	1202.8	1203.4	1204.1	1203.5	1201.9	1200.2	1198.5	1196.9
135°	1272.2	1272.7	1273.3	1273.9	1274.5	1275.0	1274.5	1272.7	1271.0	1269.3	1267.6
137.5°	1337.1	1337.0	1337.5	1338.0	1338.5	1339.0	1338.5	1337.0	1335.5	1334.0	1332.6
140°	1376.9	1376.3	1376.6	1376.9	1377.2	1377.5	1377.3	1376.7	1376.2	1375.6	1375.0
142.5°	1416.8	1416.7	1416.3	1415.9	1415.5	1415.1	1414.7	1414.4	1414.0	1413.7	1413.3
145°	1472.4	1472.1	1472.1	1472.1	1472.1	1472.1	1471.8	1471.3	1470.7	1470.1	1469.5
147.5°	1520.1	1519.8	1519.4	1519.1	1518.7	1518.4	1518.3	1518.4	1518.5	1518.6	1518.7
150°	1550.4	1549.8	1549.2	1548.7	1548.1	1547.5	1547.5	1548.1	1548.7	1549.2	1549.8
152.5°	1577.3	1576.7	1576.2	1575.6	1575.0	1574.4	1574.8	1576.1	1577.3	1578.6	1579.8
155°	1614.1	1613.3	1612.7	1612.1	1611.5	1611.0	1611.5	1613.3	1615.0	1616.7	1618.4
157.5°	1644.7	1643.8	1643.8	1643.7	1643.6	1643.6	1644.1	1645.1	1646.1	1647.2	1648.2
160°	1663.6	1662.5	1662.2	1661.9	1661.6	1661.3	1662.0	1663.7	1665.5	1667.2	1668.9
162.5°	1680.6	1679.0	1678.7	1678.5	1678.2	1677.9	1678.6	1680.3	1682.0	1683.8	1685.5
165°	1703.0	1701.3	1701.0	1700.7	1700.4	1700.1	1700.9	1702.6	1704.3	1706.0	1707.8
167.5°	1719.7	1717.6	1717.3	1717.0	1716.7	1716.5	1717.2	1719.0	1720.8	1722.6	1724.3
170°	1728.2	1725.9	1725.6	1725.3	1725.0	1724.7	1725.6	1727.6	1729.6	1731.7	1733.7
172.5°	1735.2	1733.1	1732.6	1732.1	1731.6	1731.1	1731.8	1733.8	1735.9	1737.9	1739.9
175°	1742.4	1740.1	1739.9	1739.6	1739.3	1739.0	1739.7	1741.4	1743.2	1744.9	1746.6
177.5°	1746.2	1744.5	1744.3	1744.1	1743.9	1743.6	1744.2	1745.6	1747.0	1748.3	1749.7
180°	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6



TEST NUMBER: P333358

CATALOG NUMBER: S125DIW-S375D1340U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4	544.4
2.5°	547.4	549.9	551.6	554.7	557.3	558.8	560.1	561.2	562.5	563.6	566.8
5°	550.9	556.9	562.0	569.8	577.0	582.5	588.5	593.8	598.2	604.5	609.3
7.5°	549.3	560.0	571.2	583.4	595.8	607.3	618.0	627.9	636.9	647.8	657.4
10°	547.9	562.4	576.7	593.2	610.0	624.3	637.7	651.4	661.3	675.2	687.0
12.5°	546.8	563.9	581.2	600.9	619.4	639.7	657.5	667.5	682.6	693.7	707.7
15°	542.1	564.7	588.5	610.7	637.1	655.8	671.5	690.9	705.0	719.1	734.3
17.5°	533.7	559.4	586.0	615.1	640.3	660.4	680.7	699.4	716.2	735.1	754.1
20°	529.8	555.5	586.0	615.8	640.5	661.5	682.3	702.9	721.4	745.7	767.6
22.5°	521.7	552.7	580.8	609.9	635.3	658.2	681.8	705.1	729.7	757.1	784.6
25°	507.2	538.6	568.4	597.1	622.7	651.4	676.6	707.8	739.2	775.5	809.7
27.5°	492.1	522.2	549.5	577.2	607.1	639.6	672.2	707.6	748.8	794.6	842.8
30°	479.9	508.4	534.9	563.3	594.5	631.0	666.9	708.9	756.5	808.0	865.4
32.5°	465.7	491.9	517.7	547.8	581.8	620.3	662.1	708.2	765.4	823.9	882.9
35°	441.3	463.3	489.9	522.0	560.3	604.5	652.8	707.3	772.9	840.2	889.8
37.5°	412.5	432.9	460.9	496.1	536.3	583.7	641.0	705.7	775.4	829.0	845.0
40°	393.0	412.0	441.1	477.6	518.7	568.9	631.7	700.1	767.6	801.8	788.6
42.5°	372.3	392.2	420.6	456.7	501.0	555.6	620.1	688.5	745.1	758.0	712.5
45°	339.7	360.2	388.2	424.7	472.3	531.5	598.7	660.9	693.4	670.1	599.6
47.5°	309.3	328.6	354.5	392.2	441.3	502.5	567.2	616.8	619.4	563.7	488.4
50°	288.6	306.4	332.5	370.2	418.9	480.9	539.3	578.4	560.8	497.7	425.4
52.5°	268.3	285.7	311.4	348.7	396.9	453.7	508.1	535.5	502.4	437.6	375.9
55°	238.9	254.2	279.4	313.8	359.5	412.2	458.4	467.9	424.9	361.2	311.0
57.5°	210.3	224.5	247.4	279.1	321.0	367.6	403.8	401.7	356.3	301.6	261.8
60°	190.9	204.7	225.1	256.0	294.2	334.4	365.3	357.9	312.9	265.7	232.2
62.5°	173.5	185.9	205.1	232.2	267.0	304.2	329.6	318.7	274.6	233.4	206.9
65°	147.9	158.3	174.7	197.8	226.7	257.4	277.1	263.0	225.3	193.2	171.9
67.5°	123.4	131.8	145.5	164.0	188.6	213.3	225.2	211.1	180.9	157.5	141.7
70°	107.9	115.3	125.9	142.3	163.8	184.6	193.6	180.9	155.0	134.9	123.6
72.5°	92.4	98.5	107.8	122.6	139.8	157.8	165.7	153.6	132.3	115.3	104.8
75°	71.4	75.6	82.0	92.2	105.8	120.2	124.5	113.9	100.3	87.6	80.6
77.5°	51.1	54.6	59.5	65.9	75.6	84.7	88.5	82.4	71.9	63.8	58.1
80°	39.3	41.1	45.3	50.6	58.2	64.0	66.5	62.6	55.2	49.2	44.8
82.5°	28.0	29.9	32.3	36.7	41.6	45.5	48.2	45.6	40.3	35.5	33.0
85°	13.6	14.8	16.2	18.0	21.7	24.0	23.8	22.2	20.1	18.3	16.9
87.5°	5.5	6.2	7.2	8.6	9.6	10.7	11.5	11.5	11.2	10.9	10.6
90°	3.6	5.9	8.2	10.5	12.7	14.7	16.7	18.7	20.7	22.2	23.6
92.5°	18.3	16.7	15.1	13.5	13.6	15.4	17.1	18.9	20.7	22.2	23.6
95°	72.9	72.1	71.2	70.3	64.4	53.5	42.6	31.6	20.7	22.2	23.6
97.5°	155.6	157.2	158.7	160.3	150.2	128.6	107.0	85.3	63.7	55.6	47.5
100°	217.1	217.9	218.8	219.7	220.7	221.8	223.0	224.1	225.3	182.4	139.5
102.5°	280.5	281.6	282.7	283.8	284.7	285.4	286.1	286.7	287.4	279.3	271.2
105°	381.8	383.0	384.1	385.3	385.8	385.8	385.8	385.8	385.8	385.8	385.8
107.5°	485.8	485.8	485.8	485.8	486.1	486.7	487.2	487.8	488.4	488.4	488.5
110°	554.2	554.2	554.2	554.2	554.4	555.0	555.6	556.2	556.7	555.9	555.0



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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	619.1	619.8	620.4	621.1	621.7	622.0	622.3	622.7	623.0	621.9	620.8
115°	716.1	717.6	719.0	720.5	721.3	721.6	721.9	722.2	722.5	721.3	720.2
117.5°	814.3	814.3	814.2	814.2	814.7	815.8	816.9	818.0	819.1	817.6	816.1
120°	876.3	876.0	875.7	875.4	875.7	876.5	877.4	878.3	879.1	878.6	878.0
122.5°	932.5	933.6	934.7	935.8	936.6	937.0	937.4	937.8	938.2	937.6	937.0
125°	1018.4	1020.4	1022.4	1024.4	1025.4	1025.4	1025.4	1025.4	1025.4	1024.3	1023.1
127.5°	1098.9	1100.3	1101.7	1103.2	1103.8	1103.6	1103.5	1103.3	1103.1	1102.5	1101.9
130°	1148.6	1150.0	1151.5	1152.9	1153.8	1154.1	1154.3	1154.6	1154.9	1154.1	1153.2
132.5°	1198.5	1200.2	1201.9	1203.5	1204.1	1203.4	1202.8	1202.2	1201.5	1201.4	1201.2
135°	1269.3	1271.0	1272.7	1274.5	1275.0	1274.5	1273.9	1273.3	1272.7	1272.2	1271.6
137.5°	1334.0	1335.5	1337.0	1338.5	1339.0	1338.5	1338.0	1337.5	1337.0	1337.1	1337.2
140°	1375.6	1376.2	1376.7	1377.3	1377.5	1377.2	1376.9	1376.6	1376.3	1376.9	1377.5
142.5°	1413.7	1414.0	1414.4	1414.7	1415.1	1415.5	1415.9	1416.3	1416.7	1416.8	1416.9
145°	1470.1	1470.7	1471.3	1471.8	1472.1	1472.1	1472.1	1472.1	1472.1	1472.4	1472.7
147.5°	1518.6	1518.5	1518.4	1518.3	1518.4	1518.7	1519.1	1519.4	1519.8	1520.1	1520.5
150°	1549.2	1548.7	1548.1	1547.5	1547.5	1548.1	1548.7	1549.2	1549.8	1550.4	1551.0
152.5°	1578.6	1577.3	1576.1	1574.8	1574.4	1575.0	1575.6	1576.2	1576.7	1577.3	1577.9
155°	1616.7	1615.0	1613.3	1611.5	1611.0	1611.5	1612.1	1612.7	1613.3	1614.1	1615.0
157.5°	1647.2	1646.1	1645.1	1644.1	1643.6	1643.6	1643.7	1643.8	1643.8	1644.7	1645.7
160°	1667.2	1665.5	1663.7	1662.0	1661.3	1661.6	1661.9	1662.2	1662.5	1663.6	1664.8
162.5°	1683.8	1682.0	1680.3	1678.6	1677.9	1678.2	1678.5	1678.7	1679.0	1680.6	1682.2
165°	1706.0	1704.3	1702.6	1700.9	1700.1	1700.4	1700.7	1701.0	1701.3	1703.0	1704.7
167.5°	1722.6	1720.8	1719.0	1717.2	1716.5	1716.7	1717.0	1717.3	1717.6	1719.7	1721.8
170°	1731.7	1729.6	1727.6	1725.6	1724.7	1725.0	1725.3	1725.6	1725.9	1728.2	1730.5
172.5°	1737.9	1735.9	1733.8	1731.8	1731.1	1731.6	1732.1	1732.6	1733.1	1735.2	1737.3
175°	1744.9	1743.2	1741.4	1739.7	1739.0	1739.3	1739.6	1739.9	1740.1	1742.4	1744.7
177.5°	1748.3	1747.0	1745.6	1744.2	1743.6	1743.9	1744.1	1744.3	1744.5	1746.2	1747.8
180°	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	544.4	544.4	544.4	544.4	544.4	544.4	544.4
2.5°	569.4	570.8	574.0	572.9	574.3	575.1	575.8
5°	615.3	622.7	626.0	625.5	630.4	629.2	628.0
7.5°	667.3	675.0	679.4	684.8	687.9	688.2	690.9
10°	696.7	706.8	711.0	716.8	720.5	722.6	722.3
12.5°	719.2	727.2	736.5	739.3	744.3	747.0	746.0
15°	746.4	759.1	768.8	773.6	779.9	781.7	784.2
17.5°	770.6	787.6	798.9	814.0	819.7	823.2	821.1
20°	788.9	811.3	822.6	840.6	850.6	855.9	854.0
22.5°	810.5	834.8	855.7	871.3	886.4	893.6	895.1
25°	847.6	880.8	911.6	932.1	950.8	955.2	964.9
27.5°	889.0	928.2	961.1	982.7	995.7	1000.6	1003.7
30°	915.0	954.1	978.8	992.7	996.8	996.4	995.9
32.5°	927.8	952.2	957.0	953.1	943.6	935.5	927.1
35°	909.7	891.5	864.2	829.1	803.2	777.1	774.5
37.5°	818.2	759.8	714.4	663.7	634.5	616.4	603.9
40°	732.0	665.7	610.7	568.0	538.2	526.4	514.8
42.5°	638.5	575.1	526.4	490.7	468.3	455.2	446.1
45°	518.7	462.8	424.7	398.8	381.0	370.9	365.1
47.5°	425.1	383.7	351.3	332.6	320.4	312.5	312.5
50°	374.8	335.3	313.8	299.0	288.4	282.1	283.3
52.5°	330.2	300.7	282.4	270.0	262.1	258.3	258.1
55°	276.1	254.9	242.9	233.8	228.5	224.1	225.1
57.5°	236.2	218.3	210.2	202.7	199.0	197.3	194.7
60°	211.4	197.6	190.6	184.6	180.9	179.5	177.0
62.5°	189.4	178.5	171.8	166.9	163.6	163.1	161.1
65°	159.2	150.9	144.9	142.6	139.1	138.2	138.2
67.5°	131.2	125.3	120.6	118.5	117.0	117.2	116.1
70°	113.7	108.8	105.8	103.5	102.4	102.6	101.7
72.5°	99.5	94.0	91.4	90.0	88.5	89.1	88.7
75°	75.3	72.6	71.2	69.8	68.9	68.4	67.9
77.5°	55.3	52.9	51.8	51.0	51.2	50.0	50.9
80°	42.7	40.7	40.0	38.8	38.6	38.6	38.4
82.5°	31.3	30.1	29.6	28.7	28.2	28.6	28.0
85°	16.2	15.3	15.0	15.0	14.6	14.1	15.3
87.5°	10.9	10.5	10.7	10.7	10.9	10.8	10.7
90°	25.0	26.5	27.6	28.5	29.3	30.2	31.1
92.5°	25.0	26.5	27.4	27.8	28.2	28.6	29.0
95°	25.0	26.5	27.2	27.2	27.2	27.2	27.2
97.5°	39.4	31.2	27.2	27.2	27.2	27.2	27.2
100°	96.7	53.8	31.8	30.6	29.5	28.3	27.2
102.5°	263.1	255.0	241.1	221.6	202.0	182.4	162.9
105°	385.8	385.8	385.7	385.4	385.1	384.8	384.5
107.5°	488.6	488.6	488.2	487.3	486.5	485.6	484.8
110°	554.2	553.3	553.0	553.3	553.6	553.9	554.2



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	619.8	618.7	617.9	617.5	617.1	616.7	616.3
115°	719.0	717.9	716.4	714.7	713.0	711.2	709.5
117.5°	814.6	813.1	811.9	811.2	810.5	809.7	809.0
120°	877.4	876.8	875.8	874.4	872.9	871.5	870.1
122.5°	936.4	935.9	934.7	933.1	931.4	929.7	928.1
125°	1022.0	1020.8	1019.8	1019.0	1018.1	1017.2	1016.4
127.5°	1101.2	1100.6	1099.2	1097.1	1095.0	1092.8	1090.7
130°	1152.3	1151.5	1150.3	1148.9	1147.4	1146.0	1144.6
132.5°	1201.0	1200.8	1200.0	1198.6	1197.2	1195.7	1194.3
135°	1271.0	1270.4	1269.3	1267.6	1265.8	1264.1	1262.4
137.5°	1337.3	1337.4	1336.7	1335.2	1333.7	1332.2	1330.7
140°	1378.0	1378.6	1378.0	1376.3	1374.6	1372.9	1371.1
142.5°	1417.1	1417.2	1416.4	1414.6	1412.9	1411.2	1409.5
145°	1473.0	1473.3	1472.6	1470.8	1469.1	1467.4	1465.7
147.5°	1520.8	1521.2	1520.3	1518.2	1516.1	1514.1	1512.0
150°	1551.5	1552.1	1551.2	1548.9	1546.6	1544.3	1542.0
152.5°	1578.5	1579.0	1578.3	1576.2	1574.2	1572.1	1570.0
155°	1615.8	1616.7	1616.0	1613.7	1611.4	1609.1	1606.8
157.5°	1646.6	1647.5	1646.8	1644.5	1642.2	1639.9	1637.6
160°	1665.9	1667.1	1666.5	1664.2	1661.9	1659.6	1657.3
162.5°	1683.9	1685.5	1685.0	1682.5	1679.9	1677.4	1674.9
165°	1706.5	1708.2	1707.9	1705.6	1703.3	1701.0	1698.7
167.5°	1723.8	1725.9	1725.6	1723.0	1720.5	1717.9	1715.3
170°	1732.8	1735.1	1735.0	1732.4	1729.8	1727.2	1724.6
172.5°	1739.4	1741.4	1741.2	1738.6	1736.0	1733.4	1730.8
175°	1747.0	1749.3	1749.2	1746.6	1744.0	1741.4	1738.8
177.5°	1749.4	1751.0	1750.9	1749.0	1747.2	1745.3	1743.5
180°	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6	1746.6

(END OF REPORT)