

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: P333672

Luminaire Tested: **S125RDIW-S610D1340U835-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333672
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: S125RDIW-S610D1340U835-4F0-1E-UDD-A
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 610 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1340 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7764.7 lumens
Efficiency: N/A
Efficacy: 144.3 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

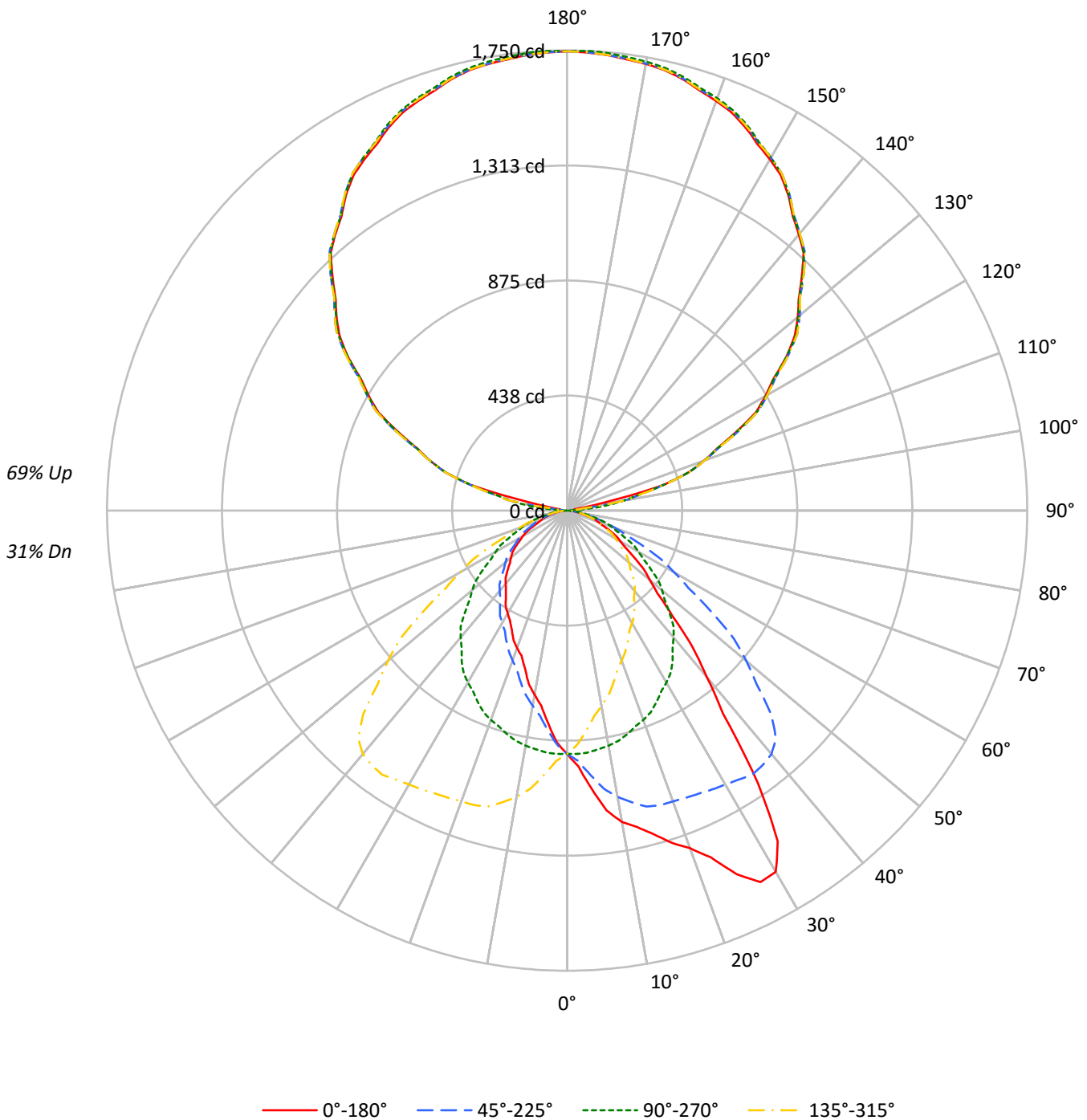
Input Watts (W): 53.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	103	103	103	103	92	92	92	92	73	73	73	55	55	55	39	39	39	31
1	94	90	86	83	84	81	78	75	64	62	60	49	47	46	34	34	33	27
2	86	79	73	68	77	71	66	62	56	53	50	43	41	39	31	29	28	23
3	78	69	62	57	70	62	57	52	50	46	42	38	35	33	27	26	24	19
4	71	61	54	48	64	55	49	44	44	40	36	34	31	28	25	23	21	17
5	66	55	47	41	59	49	43	38	40	35	31	31	27	25	22	20	18	15
6	60	49	41	36	54	44	38	33	36	31	27	28	24	22	20	18	16	13
7	56	44	36	31	50	40	33	29	32	27	24	25	22	19	18	16	14	12
8	52	40	32	27	46	36	30	25	29	24	21	23	19	17	17	15	13	10
9	48	36	29	24	43	33	27	22	27	22	19	21	18	15	16	13	12	9
10	45	33	26	22	40	30	24	20	25	20	17	19	16	14	14	12	11	9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5977	5977	5977	5977
5°	6876	5984	5285	5984
10°	7887	5954	4663	5954
15°	8519	5893	4145	5893
20°	9394	5822	3827	5822
25°	10871	5728	3552	5728
30°	11830	5629	3371	5629
35°	9979	5513	3205	5513
40°	6969	5306	3062	5306
45°	5170	5027	2922	5027
50°	4122	4736	2801	4736
55°	3498	4376	2694	4376
60°	3023	4053	2523	4053
65°	2694	3704	2172	3704
70°	2368	3393	1979	3393
75°	2049	2939	1859	2939
80°	1555	2473	1555	2473
85°	1297	1941	1467	1941



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.7	1.1
10°-20°	260.1	3.3
20°-30°	412.3	5.3
30°-40°	497.2	6.4
40°-50°	444.0	5.7
50°-60°	340.5	4.4
60°-70°	221.3	2.9
70°-80°	107.6	1.4
80°-90°	29.3	0.4
90°-100°	63.5	0.8
100°-110°	391.2	5.0
110°-120°	709.5	9.1
120°-130°	910.5	11.7
130°-140°	979.3	12.6
140°-150°	919.2	11.8
150°-160°	743.6	9.6
160°-170°	480.9	6.2
170°-180°	165.9	2.1
0°-30°	761.1	9.8
0°-40°	1258.3	16.2
0°-60°	2042.9	26.3
0°-90°	2401.1	30.9
90°-120°	1164.1	15.0
90°-150°	3973.2	51.2
90°-180°	5364.0	69.1
0°-180°	7764.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	925	925	925	925	925	
5°	1061	923	815	923	1061	106
15°	1274	881	620	881	1274	365
25°	1526	804	498	804	1526	700
35°	1266	699	406	699	1266	765
45°	566	550	320	550	566	452
55°	311	389	239	389	311	282
65°	176	242	142	242	176	175
75°	82	118	74	118	82	87
85°	18	26	20	26	18	21
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°	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4
2.5°	973.4	972.8	974.0	970.6	971.0	965.8	965.8	961.8	956.7	952.7	950.9
5°	1060.6	1061.4	1059.8	1054.1	1050.3	1044.6	1038.2	1026.8	1017.3	1008.2	1001.0
7.5°	1150.4	1150.9	1145.9	1144.2	1134.6	1127.6	1113.3	1097.8	1084.0	1066.5	1053.2
10°	1202.7	1202.3	1197.0	1192.8	1184.4	1173.8	1159.7	1141.5	1124.4	1105.4	1087.2
12.5°	1233.1	1232.1	1230.4	1225.3	1217.6	1208.1	1196.2	1178.3	1157.2	1136.4	1115.2
15°	1274.1	1271.4	1266.5	1260.0	1249.0	1238.0	1224.7	1208.8	1188.6	1165.1	1145.3
17.5°	1324.8	1324.9	1317.3	1308.4	1293.4	1273.9	1253.4	1227.7	1200.3	1174.4	1153.4
20°	1366.8	1365.6	1358.0	1340.6	1323.5	1299.2	1275.6	1244.1	1210.7	1176.8	1150.6
22.5°	1426.9	1424.0	1416.1	1393.1	1366.6	1335.3	1299.3	1260.8	1220.4	1182.0	1147.6
25°	1525.6	1523.3	1507.7	1481.1	1443.9	1395.6	1348.5	1295.7	1237.6	1187.1	1145.3
27.5°	1593.0	1590.5	1579.0	1556.9	1522.5	1471.8	1408.0	1337.5	1264.9	1195.4	1135.1
30°	1586.3	1592.0	1590.5	1580.3	1554.4	1508.8	1450.0	1370.6	1284.3	1202.7	1130.9
32.5°	1490.9	1496.0	1509.4	1529.5	1531.0	1512.8	1468.8	1395.5	1306.2	1213.3	1127.5
35°	1265.7	1272.6	1298.4	1339.0	1392.2	1436.7	1445.8	1406.3	1326.1	1226.2	1122.5
37.5°	973.1	1010.5	1032.2	1075.0	1155.3	1237.1	1315.7	1344.7	1310.6	1220.9	1114.4
40°	826.6	835.7	874.5	922.7	990.3	1075.4	1187.5	1268.4	1271.0	1208.8	1101.6
42.5°	707.5	719.0	745.6	784.1	842.0	927.1	1042.8	1149.6	1199.0	1175.3	1084.9
45°	566.0	574.7	594.1	623.7	668.2	738.5	838.0	961.5	1059.5	1097.8	1040.1
47.5°	465.0	469.7	486.5	509.1	542.0	593.2	670.2	777.4	895.0	977.4	969.3
50°	410.3	415.6	428.5	445.6	473.3	516.6	578.2	667.4	788.6	889.3	909.4
52.5°	367.7	372.1	380.2	396.4	419.2	452.5	502.2	583.0	692.0	799.0	845.6
55°	310.7	313.8	320.2	329.3	347.6	371.5	414.4	470.3	558.4	666.3	734.7
57.5°	263.8	265.3	269.4	277.8	290.4	307.9	338.9	386.3	449.5	546.6	622.1
60°	234.0	235.5	240.8	246.5	256.4	272.4	296.7	329.7	390.5	470.7	547.0
62.5°	210.3	211.2	213.5	219.2	227.8	240.2	259.3	286.3	334.6	405.0	477.1
65°	176.3	176.6	177.4	182.0	187.3	196.4	208.9	227.9	264.4	317.6	381.4
67.5°	143.6	144.1	146.8	148.4	153.9	158.7	166.1	180.6	206.3	242.1	291.7
70°	125.4	125.0	127.6	129.5	131.4	137.1	142.1	153.8	169.8	197.2	238.6
72.5°	108.3	107.4	108.5	109.2	111.7	115.6	120.5	127.7	140.0	158.9	190.5
75°	82.1	82.4	82.4	83.2	85.1	86.6	88.1	91.9	98.8	111.3	128.4
77.5°	57.6	57.0	58.6	58.8	59.9	61.6	62.9	64.4	67.2	72.4	81.2
80°	41.8	41.8	42.2	43.3	42.9	43.7	45.6	47.1	50.5	53.6	56.6
82.5°	32.1	31.8	32.1	32.4	32.3	33.0	33.7	34.0	35.3	36.8	39.0
85°	17.5	17.5	17.9	17.9	18.2	18.2	18.6	18.6	18.6	19.0	19.4
87.5°	12.9	12.4	11.9	11.8	11.9	12.3	11.7	11.1	10.8	10.5	10.4
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°	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4
2.5°	950.9	948.8	944.8	941.2	936.6	932.7	929.9	926.6	922.3	917.2	912.9
5°	993.0	984.6	973.6	964.1	952.0	942.5	932.6	923.1	913.6	901.4	890.8
7.5°	1039.6	1022.4	1005.6	984.5	965.3	948.2	931.8	915.2	898.9	881.7	865.0
10°	1068.2	1047.3	1024.1	997.5	973.2	950.1	928.8	907.9	885.9	866.5	845.6
12.5°	1094.9	1068.0	1041.5	1007.9	978.7	950.4	923.3	897.3	873.7	848.6	826.1
15°	1119.1	1092.5	1062.9	1021.9	981.2	947.0	915.1	881.3	852.1	823.9	798.9
17.5°	1128.4	1100.6	1066.1	1026.7	982.3	939.3	898.2	861.1	826.7	793.9	765.7
20°	1124.8	1097.8	1062.5	1024.9	977.4	932.6	888.1	847.1	808.7	774.2	744.2
22.5°	1116.0	1088.1	1054.0	1014.3	969.2	921.6	874.2	830.4	790.2	754.4	721.7
25°	1102.8	1064.8	1029.8	991.1	948.2	901.1	852.1	803.8	760.9	724.4	688.7
27.5°	1089.0	1041.6	997.2	958.6	913.3	871.3	824.0	774.6	729.4	692.3	655.7
30°	1076.6	1023.4	974.4	930.7	887.8	847.9	803.0	754.8	708.5	670.1	632.9
32.5°	1061.1	1004.5	950.7	900.3	858.9	819.3	778.7	732.6	687.5	647.9	610.1
35°	1041.6	969.4	910.9	857.4	811.4	773.0	736.6	699.3	654.1	613.1	576.3
37.5°	1016.1	934.2	866.5	808.1	759.7	721.1	692.4	658.3	617.1	577.8	543.6
40°	1000.6	908.7	834.6	776.8	725.9	685.3	658.3	629.4	591.8	555.0	520.8
42.5°	979.9	885.3	802.4	742.2	691.0	651.9	624.6	599.4	567.8	533.1	496.5
45°	939.4	839.9	752.9	688.3	636.7	598.3	572.8	550.4	526.5	494.6	462.7
47.5°	886.7	792.6	701.5	631.0	580.4	544.8	520.1	502.4	485.3	458.2	427.2
50°	844.5	753.7	664.8	596.4	542.5	508.6	485.5	471.4	455.8	431.2	405.3
52.5°	794.6	713.6	626.5	556.6	505.7	474.0	451.7	437.7	424.8	404.7	380.1
55°	716.1	645.0	565.2	501.8	455.1	423.2	401.9	388.6	381.0	363.9	344.5
57.5°	625.4	574.5	504.2	443.0	401.7	370.1	354.6	343.3	334.7	322.6	308.9
60°	562.2	526.5	463.4	405.3	367.3	337.3	323.3	313.8	305.8	295.5	284.9
62.5°	498.1	472.1	417.3	367.3	332.4	307.2	294.1	285.5	276.3	269.4	259.1
65°	412.2	389.0	351.0	311.9	279.6	259.5	250.0	242.4	236.7	229.1	221.8
67.5°	320.6	311.2	285.0	258.0	234.8	216.9	208.7	203.4	196.5	192.0	187.0
70°	264.4	259.8	241.2	223.4	201.7	189.6	182.0	179.7	171.3	166.8	163.3
72.5°	214.6	212.4	201.7	189.3	174.1	163.4	156.4	153.8	148.5	144.9	142.7
75°	147.0	147.8	145.9	137.9	132.2	125.4	119.3	117.8	114.0	110.9	109.0
77.5°	93.0	96.9	97.0	96.6	94.4	90.2	87.7	86.5	82.8	81.7	81.2
80°	63.8	68.0	71.8	71.4	70.7	69.5	67.6	66.5	64.6	63.4	62.7
82.5°	42.5	46.4	49.6	51.7	51.5	50.4	49.1	48.5	48.2	47.3	47.2
85°	20.1	20.9	22.0	24.7	26.6	27.0	26.6	26.2	25.1	25.5	25.8
87.5°	10.3	9.9	9.8	9.4	8.6	9.7	10.1	10.0	9.8	9.7	9.5
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: P333672

CATALOG NUMBER: S125RDIW-S610D1340U835-4F0-1E-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: P333672

CATALOG NUMBER: S125RDIW-S610D1340U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4
2.5°	909.9	905.6	902.6	896.5	892.2	890.4	887.1	886.2	889.5	887.1	886.8
5°	882.8	871.8	863.1	854.3	844.8	838.8	829.6	828.1	825.8	822.4	821.7
7.5°	850.4	836.0	824.8	810.3	797.8	787.7	776.3	770.9	767.9	763.5	757.6
10°	828.5	811.4	796.2	781.8	766.2	753.7	742.3	733.5	727.8	722.5	720.2
12.5°	806.9	789.5	770.1	752.6	735.2	721.1	708.5	702.8	696.5	690.3	685.0
15°	773.4	750.2	729.0	708.8	694.0	678.8	666.7	658.3	648.8	646.2	635.9
17.5°	737.9	715.1	690.2	669.0	651.9	635.1	621.8	612.3	605.1	595.3	590.6
20°	715.7	688.7	664.4	645.0	626.0	606.3	592.6	584.6	577.8	569.8	566.0
22.5°	692.0	665.6	640.7	618.0	598.7	579.2	569.5	561.2	553.5	546.1	541.1
25°	657.2	630.6	604.4	580.8	560.7	546.6	535.2	525.7	521.6	514.3	509.0
27.5°	622.8	594.5	567.3	543.8	528.0	514.1	504.8	497.3	489.7	483.4	478.8
30°	600.6	571.7	542.1	523.5	506.7	493.5	483.2	476.0	470.3	464.6	461.2
32.5°	578.4	548.6	522.3	502.2	486.4	474.9	464.4	457.4	451.4	445.1	441.1
35°	542.8	512.4	491.2	471.4	455.8	445.2	438.0	428.1	423.2	418.6	414.4
37.5°	509.8	481.5	458.5	441.2	427.7	417.1	407.8	402.4	396.4	392.3	388.8
40°	485.5	459.6	438.8	420.5	410.6	398.9	390.1	383.3	378.7	373.4	369.6
42.5°	463.6	439.6	419.3	402.9	390.6	380.6	372.2	365.4	359.6	355.8	352.6
45°	432.7	408.7	389.0	373.8	362.4	352.9	344.2	340.7	333.1	328.6	327.1
47.5°	400.7	379.3	360.2	346.2	334.5	325.5	317.3	310.4	306.2	301.7	299.3
50°	379.1	358.6	340.7	327.1	315.7	305.8	298.2	293.6	287.9	283.8	280.7
52.5°	357.5	338.5	320.7	307.6	297.7	287.9	279.4	274.8	269.4	266.7	264.6
55°	326.7	306.6	291.4	278.4	268.2	259.1	251.1	246.5	243.1	240.5	239.7
57.5°	291.7	275.8	261.7	250.0	239.4	230.8	223.8	219.5	216.5	216.1	213.8
60°	268.9	254.5	241.6	229.1	219.9	212.0	205.9	201.0	197.9	197.5	196.8
62.5°	246.2	232.3	220.3	209.3	201.1	193.4	187.7	182.1	180.3	178.4	176.7
65°	212.3	199.8	189.9	181.2	172.5	166.0	160.3	156.9	152.7	150.4	146.3
67.5°	179.1	169.4	159.9	152.6	145.7	139.6	134.9	129.8	127.0	125.1	122.1
70°	157.3	149.7	140.2	132.2	126.9	121.9	118.1	112.4	110.5	109.0	107.5
72.5°	136.6	129.9	121.9	115.5	110.2	105.5	101.1	98.5	96.6	95.0	94.1
75°	107.5	101.0	94.2	89.6	85.9	82.1	79.8	77.9	77.1	76.7	75.2
77.5°	78.9	75.5	70.0	66.4	63.9	62.4	60.3	59.3	59.3	57.6	57.1
80°	60.4	58.5	53.9	52.4	50.5	49.0	47.9	46.0	44.1	43.3	42.2
82.5°	44.9	43.0	41.2	38.7	37.2	36.2	35.1	34.4	34.6	33.6	33.0
85°	23.9	22.0	21.3	20.9	20.1	20.9	20.5	20.1	19.8	19.4	19.8
87.5°	9.7	10.1	10.2	11.2	10.7	11.4	11.7	11.7	12.0	12.3	12.2
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: P333672

CATALOG NUMBER: S125RDIW-S610D1340U835-4F0-1E-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: P333672

CATALOG NUMBER: S125RDIW-S610D1340U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4
2.5°	886.5	883.1	882.2	883.4	882.2	883.1	886.5	886.8	887.1	889.5	886.2
5°	817.9	814.1	816.0	815.2	816.0	814.1	817.9	821.7	822.4	825.8	828.1
7.5°	757.5	752.8	747.8	749.4	747.8	752.8	757.5	757.6	763.5	767.9	770.9
10°	715.3	711.5	709.2	711.1	709.2	711.5	715.3	720.2	722.5	727.8	733.5
12.5°	679.7	677.5	675.5	674.7	675.5	677.5	679.7	685.0	690.3	696.5	702.8
15°	631.3	626.8	624.9	620.0	624.9	626.8	631.3	635.9	646.2	648.8	658.3
17.5°	586.7	585.2	580.3	578.2	580.3	585.2	586.7	590.6	595.3	605.1	612.3
20°	560.3	558.8	553.9	556.9	553.9	558.8	560.3	566.0	569.8	577.8	584.6
22.5°	538.4	535.1	533.5	532.6	533.5	535.1	538.4	541.1	546.1	553.5	561.2
25°	507.5	502.6	500.7	498.4	500.7	502.6	507.5	509.0	514.3	521.6	525.7
27.5°	476.7	474.0	471.5	470.9	471.5	474.0	476.7	478.8	483.4	489.7	497.3
30°	456.6	453.9	452.0	452.0	452.0	453.9	456.6	461.2	464.6	470.3	476.0
32.5°	438.7	436.6	434.7	434.4	434.7	436.6	438.7	441.1	445.1	451.4	457.4
35°	412.5	409.5	408.7	406.5	408.7	409.5	412.5	414.4	418.6	423.2	428.1
37.5°	385.4	382.9	382.8	382.6	382.8	382.9	385.4	388.8	392.3	396.4	402.4
40°	368.1	366.2	365.8	363.2	365.8	366.2	368.1	369.6	373.4	378.7	383.3
42.5°	349.6	348.6	347.3	346.1	347.3	348.6	349.6	352.6	355.8	359.6	365.4
45°	324.4	321.8	321.8	319.9	321.8	321.8	324.4	327.1	328.6	333.1	340.7
47.5°	298.4	296.4	296.6	294.6	296.6	296.4	298.4	299.3	301.7	306.2	310.4
50°	281.1	280.0	279.6	278.8	279.6	280.0	281.1	280.7	283.8	287.9	293.6
52.5°	263.8	263.3	264.7	263.0	264.7	263.3	263.8	264.6	266.7	269.4	274.8
55°	240.5	239.3	241.6	239.3	241.6	239.3	240.5	239.7	240.5	243.1	246.5
57.5°	213.6	212.6	214.6	213.5	214.6	212.6	213.6	213.8	216.1	216.5	219.5
60°	196.0	193.7	194.9	195.3	194.9	193.7	196.0	196.8	197.5	197.9	201.0
62.5°	175.0	173.7	174.5	172.8	174.5	173.7	175.0	176.7	178.4	180.3	182.1
65°	145.5	144.4	142.8	142.1	142.8	144.4	145.5	146.3	150.4	152.7	156.9
67.5°	122.2	119.5	119.4	120.0	119.4	119.5	122.2	122.1	125.1	127.0	129.8
70°	105.2	105.2	104.8	104.8	104.8	105.2	105.2	107.5	109.0	110.5	112.4
72.5°	93.4	93.1	92.4	92.1	92.4	93.1	93.4	94.1	95.0	96.6	98.5
75°	75.2	75.6	74.8	74.5	74.8	75.6	75.2	75.2	76.7	77.1	77.9
77.5°	55.5	53.9	54.8	53.9	54.8	53.9	55.5	57.1	57.6	59.3	59.3
80°	42.2	41.8	42.9	41.8	42.9	41.8	42.2	42.2	43.3	44.1	46.0
82.5°	33.4	33.0	33.5	32.7	33.5	33.0	33.4	33.0	33.6	34.6	34.4
85°	20.1	19.8	19.4	19.8	19.4	19.8	20.1	19.8	19.4	19.8	20.1
87.5°	12.7	12.6	12.7	12.9	12.7	12.6	12.7	12.2	12.3	12.0	11.7
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: P333672

CATALOG NUMBER: S125RDIW-S610D1340U835-4F0-1E-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: P333672

CATALOG NUMBER: S125RDIW-S610D1340U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4
2.5°	887.1	890.4	892.2	896.5	902.6	905.6	909.9	912.9	917.2	922.3	926.6
5°	829.6	838.8	844.8	854.3	863.1	871.8	882.8	890.8	901.4	913.6	923.1
7.5°	776.3	787.7	797.8	810.3	824.8	836.0	850.4	865.0	881.7	898.9	915.2
10°	742.3	753.7	766.2	781.8	796.2	811.4	828.5	845.6	866.5	885.9	907.9
12.5°	708.5	721.1	735.2	752.6	770.1	789.5	806.9	826.1	848.6	873.7	897.3
15°	666.7	678.8	694.0	708.8	729.0	750.2	773.4	798.9	823.9	852.1	881.3
17.5°	621.8	635.1	651.9	669.0	690.2	715.1	737.9	765.7	793.9	826.7	861.1
20°	592.6	606.3	626.0	645.0	664.4	688.7	715.7	744.2	774.2	808.7	847.1
22.5°	569.5	579.2	598.7	618.0	640.7	665.6	692.0	721.7	754.4	790.2	830.4
25°	535.2	546.6	560.7	580.8	604.4	630.6	657.2	688.7	724.4	760.9	803.8
27.5°	504.8	514.1	528.0	543.8	567.3	594.5	622.8	655.7	692.3	729.4	774.6
30°	483.2	493.5	506.7	523.5	542.1	571.7	600.6	632.9	670.1	708.5	754.8
32.5°	464.4	474.9	486.4	502.2	522.3	548.6	578.4	610.1	647.9	687.5	732.6
35°	438.0	445.2	455.8	471.4	491.2	512.4	542.8	576.3	613.1	654.1	699.3
37.5°	407.8	417.1	427.7	441.2	458.5	481.5	509.8	543.6	577.8	617.1	658.3
40°	390.1	398.9	410.6	420.5	438.8	459.6	485.5	520.8	555.0	591.8	629.4
42.5°	372.2	380.6	390.6	402.9	419.3	439.6	463.6	496.5	533.1	567.8	599.4
45°	344.2	352.9	362.4	373.8	389.0	408.7	432.7	462.7	494.6	526.5	550.4
47.5°	317.3	325.5	334.5	346.2	360.2	379.3	400.7	427.2	458.2	485.3	502.4
50°	298.2	305.8	315.7	327.1	340.7	358.6	379.1	405.3	431.2	455.8	471.4
52.5°	279.4	287.9	297.7	307.6	320.7	338.5	357.5	380.1	404.7	424.8	437.7
55°	251.1	259.1	268.2	278.4	291.4	306.6	326.7	344.5	363.9	381.0	388.6
57.5°	223.8	230.8	239.4	250.0	261.7	275.8	291.7	308.9	322.6	334.7	343.3
60°	205.9	212.0	219.9	229.1	241.6	254.5	268.9	284.9	295.5	305.8	313.8
62.5°	187.7	193.4	201.1	209.3	220.3	232.3	246.2	259.1	269.4	276.3	285.5
65°	160.3	166.0	172.5	181.2	189.9	199.8	212.3	221.8	229.1	236.7	242.4
67.5°	134.9	139.6	145.7	152.6	159.9	169.4	179.1	187.0	192.0	196.5	203.4
70°	118.1	121.9	126.9	132.2	140.2	149.7	157.3	163.3	166.8	171.3	179.7
72.5°	101.1	105.5	110.2	115.5	121.9	129.9	136.6	142.7	144.9	148.5	153.8
75°	79.8	82.1	85.9	89.6	94.2	101.0	107.5	109.0	110.9	114.0	117.8
77.5°	60.3	62.4	63.9	66.4	70.0	75.5	78.9	81.2	81.7	82.8	86.5
80°	47.9	49.0	50.5	52.4	53.9	58.5	60.4	62.7	63.4	64.6	66.5
82.5°	35.1	36.2	37.2	38.7	41.2	43.0	44.9	47.2	47.3	48.2	48.5
85°	20.5	20.9	20.1	20.9	21.3	22.0	23.9	25.8	25.5	25.1	26.2
87.5°	11.7	11.4	10.7	11.2	10.2	10.1	9.7	9.5	9.7	9.8	10.0
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: P333672

CATALOG NUMBER: S125RDIW-S610D1340U835-4F0-1E-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: P333672

CATALOG NUMBER: S125RDIW-S610D1340U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4	925.4
2.5°	929.9	932.7	936.6	941.2	944.8	948.8	950.9	950.9	952.7	956.7	961.8
5°	932.6	942.5	952.0	964.1	973.6	984.6	993.0	1001.0	1008.2	1017.3	1026.8
7.5°	931.8	948.2	965.3	984.5	1005.6	1022.4	1039.6	1053.2	1066.5	1084.0	1097.8
10°	928.8	950.1	973.2	997.5	1024.1	1047.3	1068.2	1087.2	1105.4	1124.4	1141.5
12.5°	923.3	950.4	978.7	1007.9	1041.5	1068.0	1094.9	1115.2	1136.4	1157.2	1178.3
15°	915.1	947.0	981.2	1021.9	1062.9	1092.5	1119.1	1145.3	1165.1	1188.6	1208.8
17.5°	898.2	939.3	982.3	1026.7	1066.1	1100.6	1128.4	1153.4	1174.4	1200.3	1227.7
20°	888.1	932.6	977.4	1024.9	1062.5	1097.8	1124.8	1150.6	1176.8	1210.7	1244.1
22.5°	874.2	921.6	969.2	1014.3	1054.0	1088.1	1116.0	1147.6	1182.0	1220.4	1260.8
25°	852.1	901.1	948.2	991.1	1029.8	1064.8	1102.8	1145.3	1187.1	1237.6	1295.7
27.5°	824.0	871.3	913.3	958.6	997.2	1041.6	1089.0	1135.1	1195.4	1264.9	1337.5
30°	803.0	847.9	887.8	930.7	974.4	1023.4	1076.6	1130.9	1202.7	1284.3	1370.6
32.5°	778.7	819.3	858.9	900.3	950.7	1004.5	1061.1	1127.5	1213.3	1306.2	1395.5
35°	736.6	773.0	811.4	857.4	910.9	969.4	1041.6	1122.5	1226.2	1326.1	1406.3
37.5°	692.4	721.1	759.7	808.1	866.5	934.2	1016.1	1114.4	1220.9	1310.6	1344.7
40°	658.3	685.3	725.9	776.8	834.6	908.7	1000.6	1101.6	1208.8	1271.0	1268.4
42.5°	624.6	651.9	691.0	742.2	802.4	885.3	979.9	1084.9	1175.3	1199.0	1149.6
45°	572.8	598.3	636.7	688.3	752.9	839.9	939.4	1040.1	1097.8	1059.5	961.5
47.5°	520.1	544.8	580.4	631.0	701.5	792.6	886.7	969.3	977.4	895.0	777.4
50°	485.5	508.6	542.5	596.4	664.8	753.7	844.5	909.4	889.3	788.6	667.4
52.5°	451.7	474.0	505.7	556.6	626.5	713.6	794.6	845.6	799.0	692.0	583.0
55°	401.9	423.2	455.1	501.8	565.2	645.0	716.1	734.7	666.3	558.4	470.3
57.5°	354.6	370.1	401.7	443.0	504.2	574.5	625.4	622.1	546.6	449.5	386.3
60°	323.3	337.3	367.3	405.3	463.4	526.5	562.2	547.0	470.7	390.5	329.7
62.5°	294.1	307.2	332.4	367.3	417.3	472.1	498.1	477.1	405.0	334.6	286.3
65°	250.0	259.5	279.6	311.9	351.0	389.0	412.2	381.4	317.6	264.4	227.9
67.5°	208.7	216.9	234.8	258.0	285.0	311.2	320.6	291.7	242.1	206.3	180.6
70°	182.0	189.6	201.7	223.4	241.2	259.8	264.4	238.6	197.2	169.8	153.8
72.5°	156.4	163.4	174.1	189.3	201.7	212.4	214.6	190.5	158.9	140.0	127.7
75°	119.3	125.4	132.2	137.9	145.9	147.8	147.0	128.4	111.3	98.8	91.9
77.5°	87.7	90.2	94.4	96.6	97.0	96.9	93.0	81.2	72.4	67.2	64.4
80°	67.6	69.5	70.7	71.4	71.8	68.0	63.8	56.6	53.6	50.5	47.1
82.5°	49.1	50.4	51.5	51.7	49.6	46.4	42.5	39.0	36.8	35.3	34.0
85°	26.6	27.0	26.6	24.7	22.0	20.9	20.1	19.4	19.0	18.6	18.6
87.5°	10.1	9.7	8.6	9.4	9.8	9.9	10.3	10.4	10.5	10.8	11.1
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°	925.4	925.4	925.4	925.4	925.4	925.4	925.4
2.5°	965.8	965.8	971.0	970.6	974.0	972.8	973.4
5°	1038.2	1044.6	1050.3	1054.1	1059.8	1061.4	1060.6
7.5°	1113.3	1127.6	1134.6	1144.2	1145.9	1150.9	1150.4
10°	1159.7	1173.8	1184.4	1192.8	1197.0	1202.3	1202.7
12.5°	1196.2	1208.1	1217.6	1225.3	1230.4	1232.1	1233.1
15°	1224.7	1238.0	1249.0	1260.0	1266.5	1271.4	1274.1
17.5°	1253.4	1273.9	1293.4	1308.4	1317.3	1324.9	1324.8
20°	1275.6	1299.2	1323.5	1340.6	1358.0	1365.6	1366.8
22.5°	1299.3	1335.3	1366.6	1393.1	1416.1	1424.0	1426.9
25°	1348.5	1395.6	1443.9	1481.1	1507.7	1523.3	1525.6
27.5°	1408.0	1471.8	1522.5	1556.9	1579.0	1590.5	1593.0
30°	1450.0	1508.8	1554.4	1580.3	1590.5	1592.0	1586.3
32.5°	1468.8	1512.8	1531.0	1529.5	1509.4	1496.0	1490.9
35°	1445.8	1436.7	1392.2	1339.0	1298.4	1272.6	1265.7
37.5°	1315.7	1237.1	1155.3	1075.0	1032.2	1010.5	973.1
40°	1187.5	1075.4	990.3	922.7	874.5	835.7	826.6
42.5°	1042.8	927.1	842.0	784.1	745.6	719.0	707.5
45°	838.0	738.5	668.2	623.7	594.1	574.7	566.0
47.5°	670.2	593.2	542.0	509.1	486.5	469.7	465.0
50°	578.2	516.6	473.3	445.6	428.5	415.6	410.3
52.5°	502.2	452.5	419.2	396.4	380.2	372.1	367.7
55°	414.4	371.5	347.6	329.3	320.2	313.8	310.7
57.5°	338.9	307.9	290.4	277.8	269.4	265.3	263.8
60°	296.7	272.4	256.4	246.5	240.8	235.5	234.0
62.5°	259.3	240.2	227.8	219.2	213.5	211.2	210.3
65°	208.9	196.4	187.3	182.0	177.4	176.6	176.3
67.5°	166.1	158.7	153.9	148.4	146.8	144.1	143.6
70°	142.1	137.1	131.4	129.5	127.6	125.0	125.4
72.5°	120.5	115.6	111.7	109.2	108.5	107.4	108.3
75°	88.1	86.6	85.1	83.2	82.4	82.4	82.1
77.5°	62.9	61.6	59.9	58.8	58.6	57.0	57.6
80°	45.6	43.7	42.9	43.3	42.2	41.8	41.8
82.5°	33.7	33.0	32.3	32.4	32.1	31.8	32.1
85°	18.6	18.2	18.2	17.9	17.9	17.5	17.5
87.5°	11.7	12.3	11.9	11.8	11.9	12.4	12.9
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)