

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: P333063-927

Luminaire Tested: **S124RDIW-S795D1050U927-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333063-927
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-6,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S124RDIW-S795D1050U927-4F0-1E-UDD-A
Description: DEFINE 4 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 795 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1050 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5965.8 lumens
Efficiency: N/A
Efficacy: 113.4 lumens/watt
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: General Diffuse

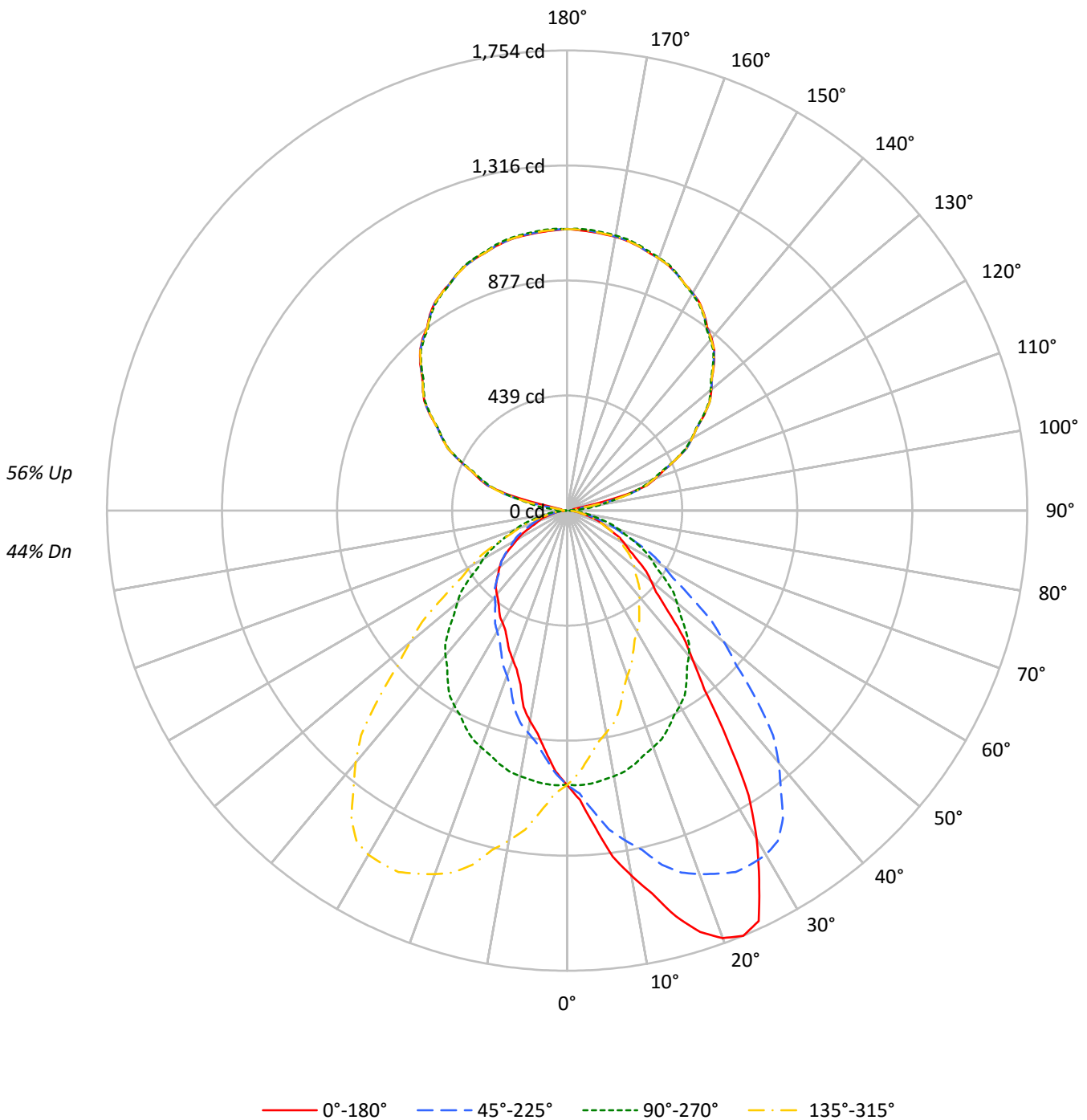
Input Watts (W): 52.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	106	106	106	106	97	97	97	97	80	80	80	65	65	65	51	51	51	44
1	97	93	89	86	89	85	82	79	71	69	67	58	56	55	46	45	44	38
2	89	81	76	71	81	75	70	66	63	59	56	51	49	46	41	39	37	33
3	81	72	65	59	74	66	60	55	56	51	47	46	42	40	36	34	32	28
4	74	64	56	50	68	59	52	47	50	45	41	41	37	34	33	30	28	24
5	68	57	49	43	62	53	46	41	44	39	35	37	33	30	30	27	25	21
6	63	51	43	38	58	47	40	35	40	35	31	33	29	26	27	24	22	19
7	58	46	39	33	53	43	36	31	36	31	27	30	26	23	25	22	20	17
8	54	42	35	29	50	39	32	28	33	28	24	28	24	21	23	20	18	15
9	50	38	31	26	46	36	29	25	30	25	22	26	22	19	21	18	16	14
10	47	35	28	23	43	33	26	22	28	23	20	24	20	17	19	17	15	13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8442	8442	8442	8442
5°	9792	8468	7484	8468
10°	11584	8430	6679	8430
15°	13381	8352	5739	8352
20°	14898	8245	5191	8245
25°	15380	8141	4819	8141
30°	13463	8011	4595	8011
35°	10480	7823	4459	7823
40°	7860	7606	4387	7606
45°	6205	7258	4349	7258
50°	5238	6859	4222	6859
55°	4566	6415	3997	6415
60°	4108	5959	3538	5959
65°	3622	5465	3041	5465
70°	3262	4952	2745	4952
75°	2732	4389	2339	4389
80°	2311	3742	2194	3742
85°	1954	2927	1954	2927



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.3	1.7
10°-20°	305.6	5.1
20°-30°	478.0	8.0
30°-40°	531.4	8.9
40°-50°	471.5	7.9
50°-60°	367.4	6.2
60°-70°	240.5	4.0
70°-80°	118.3	2.0
80°-90°	32.3	0.5
90°-100°	36.7	0.6
100°-110°	234.0	3.9
110°-120°	447.7	7.5
120°-130°	568.3	9.5
130°-140°	608.0	10.2
140°-150°	568.6	9.5
150°-160°	458.5	7.7
160°-170°	295.7	5.0
170°-180°	101.9	1.7
0°-30°	885.0	14.8
0°-40°	1416.4	23.7
0°-60°	2255.3	37.8
0°-90°	2646.4	44.4
90°-120°	718.4	12.0
90°-150°	2463.3	41.3
90°-180°	3319.0	55.6
0°-180°	5965.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1046	1046	1046	1046	1046	
5°	1208	1045	924	1045	1208	122
15°	1601	999	687	999	1601	455
25°	1727	914	541	914	1727	766
35°	1063	794	452	794	1063	667
45°	544	636	381	636	544	430
55°	324	456	284	456	324	295
65°	190	286	159	286	190	191
75°	88	141	75	141	88	96
85°	21	32	21	32	21	24
90°	24	2	24	2	24	11
95°	23	44	23	44	23	19
105°	229	242	229	242	229	200
115°	454	451	454	451	454	450
125°	639	634	639	634	639	569
135°	792	787	792	787	792	610
145°	912	907	912	907	912	570
155°	994	994	994	994	994	458
165°	1044	1049	1044	1049	1044	295
175°	1067	1073	1067	1073	1067	102
180°	1073	1073	1073	1073	1073	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7
2.5°	1103.0	1106.0	1103.0	1102.6	1099.3	1098.3	1096.9	1092.6	1084.4	1079.7	1080.8
5°	1208.3	1218.9	1213.0	1212.1	1202.8	1193.6	1187.6	1174.2	1159.8	1150.2	1142.2
7.5°	1330.2	1336.3	1332.5	1326.6	1311.6	1303.1	1289.4	1271.7	1246.0	1226.4	1208.4
10°	1413.1	1418.2	1416.4	1405.5	1394.6	1372.2	1359.5	1334.7	1302.3	1276.6	1252.6
12.5°	1494.6	1500.1	1485.2	1485.7	1465.0	1447.4	1427.4	1396.1	1358.6	1325.5	1295.4
15°	1601.0	1594.3	1594.3	1585.8	1562.7	1538.2	1517.6	1484.7	1437.5	1397.9	1356.2
17.5°	1684.3	1686.6	1683.1	1663.3	1645.0	1619.8	1581.9	1543.6	1499.8	1446.6	1404.0
20°	1734.1	1734.1	1730.4	1716.8	1693.3	1666.3	1625.4	1583.7	1528.1	1474.6	1426.6
22.5°	1754.4	1755.7	1751.2	1740.1	1718.9	1692.6	1657.8	1615.4	1558.1	1497.9	1438.4
25°	1726.6	1734.6	1735.4	1732.4	1726.1	1710.1	1680.2	1636.8	1585.4	1520.1	1456.0
27.5°	1585.2	1595.2	1604.1	1618.7	1638.1	1648.1	1649.5	1627.5	1582.6	1519.7	1455.3
30°	1444.2	1452.7	1480.0	1515.8	1543.7	1569.0	1590.9	1596.8	1571.5	1515.0	1447.2
32.5°	1287.9	1299.3	1326.7	1365.2	1411.6	1454.4	1503.6	1528.7	1528.0	1494.1	1431.4
35°	1063.4	1071.8	1097.1	1137.6	1193.2	1256.8	1334.7	1395.3	1436.7	1433.7	1395.3
37.5°	857.6	867.1	892.7	926.2	980.2	1058.9	1134.3	1217.9	1294.3	1337.1	1324.4
40°	745.8	746.2	771.0	805.6	856.1	924.8	1006.9	1099.6	1184.7	1254.3	1267.7
42.5°	657.4	657.5	673.9	711.1	747.6	812.2	890.7	982.7	1082.3	1162.6	1198.3
45°	543.5	547.3	560.8	583.1	611.7	666.5	729.3	814.8	926.5	1021.7	1081.1
47.5°	460.3	465.8	474.4	492.6	515.4	551.9	603.8	680.6	771.5	876.2	960.8
50°	417.1	418.0	428.9	439.0	458.8	487.9	533.4	597.4	680.8	781.6	875.5
52.5°	380.0	379.9	386.4	399.3	415.3	438.0	474.8	533.1	607.0	697.3	794.2
55°	324.4	326.5	331.6	341.7	353.9	369.9	398.9	442.8	501.0	578.1	666.1
57.5°	282.1	283.2	287.2	291.4	302.7	314.3	336.1	366.5	415.6	478.7	560.8
60°	254.4	254.9	256.2	262.4	271.3	282.3	297.0	322.7	364.0	421.8	486.6
62.5°	227.5	228.2	230.2	234.8	241.7	249.2	264.7	285.3	319.5	368.8	427.3
65°	189.6	190.0	193.0	194.6	200.1	206.8	218.2	232.1	255.7	297.0	341.3
67.5°	158.4	158.4	158.6	160.9	164.6	169.1	175.9	187.0	204.9	230.2	269.2
70°	138.2	138.2	139.0	140.3	142.4	146.2	150.0	158.4	171.5	192.1	222.0
72.5°	119.3	119.6	120.5	120.7	121.8	124.9	127.8	133.2	142.8	158.4	182.6
75°	87.6	88.9	91.0	92.7	94.8	94.3	97.4	100.7	103.6	112.9	126.8
77.5°	65.2	64.6	64.8	66.2	66.5	66.9	69.0	71.6	73.8	78.2	83.2
80°	49.7	49.7	51.0	51.4	51.0	51.4	53.5	54.7	55.6	57.3	61.9
82.5°	37.5	38.3	37.9	38.3	38.5	38.9	40.7	41.0	41.8	42.5	44.4
85°	21.1	21.5	21.9	21.1	21.1	21.1	21.9	22.3	23.2	22.7	23.6
87.5°	12.2	11.8	12.1	12.0	12.3	11.8	12.0	12.4	11.5	11.6	11.3
90°	24.1	23.7	23.4	23.0	22.7	21.9	20.8	19.8	18.7	17.7	16.2
92.5°	22.2	22.1	22.0	21.9	21.9	21.3	20.2	19.2	18.1	17.0	15.6
95°	23.3	23.1	22.9	22.7	22.6	21.9	20.8	19.8	18.7	17.7	17.5
97.5°	22.5	22.3	22.1	21.9	21.8	21.6	21.5	21.4	21.3	21.2	41.1
100°	22.5	22.3	22.1	21.9	21.8	23.2	26.2	29.2	32.3	35.3	60.0
102.5°	23.1	23.1	23.1	23.0	23.0	39.3	72.0	104.7	137.4	170.2	173.3
105°	228.8	235.2	241.6	248.0	254.4	256.8	255.2	253.7	252.0	250.4	249.5
107.5°	318.8	318.1	317.4	316.8	316.1	315.4	314.6	313.8	313.0	312.2	311.0
110°	358.0	357.4	356.9	356.4	355.8	355.4	355.1	354.7	354.3	353.9	352.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	397.1	396.5	395.8	395.1	394.4	394.1	394.2	394.3	394.3	394.4	393.9
115°	454.3	454.3	454.3	454.3	454.3	454.1	453.8	453.4	453.0	452.7	452.9
117.5°	512.4	512.5	512.5	512.6	512.7	512.8	512.9	512.9	512.9	513.0	512.6
120°	549.0	549.4	549.7	550.1	550.4	550.4	550.1	549.7	549.4	549.0	549.1
122.5°	584.9	585.3	585.7	586.1	586.4	586.5	586.2	586.1	585.8	585.6	585.3
125°	638.9	638.7	638.5	638.3	638.2	637.8	637.3	636.8	636.2	635.6	636.0
127.5°	686.3	686.3	686.5	686.7	686.8	686.9	687.1	687.1	687.3	687.4	686.5
130°	718.4	718.4	718.4	718.4	718.4	718.3	718.1	717.9	717.7	717.6	717.0
132.5°	747.9	748.1	748.1	748.3	748.5	748.5	748.3	748.1	747.9	747.7	747.0
135°	792.2	791.9	791.5	791.2	790.8	790.4	790.0	789.7	789.3	789.0	788.3
137.5°	830.0	830.2	830.3	830.4	830.5	830.4	830.0	829.6	829.2	828.8	828.0
140°	856.4	856.2	856.0	855.9	855.7	855.3	854.8	854.3	853.7	853.2	852.9
142.5°	878.2	878.2	878.1	878.1	878.1	877.9	877.5	877.1	876.7	876.3	876.1
145°	911.8	911.4	911.1	910.7	910.4	910.1	909.9	909.7	909.6	909.3	909.3
147.5°	939.5	939.4	939.2	939.1	938.8	938.7	938.5	938.4	938.3	938.1	938.3
150°	957.5	957.4	957.2	957.0	956.8	956.7	956.7	956.7	956.7	956.7	956.9
152.5°	973.0	973.0	973.1	973.3	973.4	973.3	973.0	972.7	972.4	972.2	972.5
155°	993.6	994.2	994.7	995.2	995.8	995.7	995.0	994.3	993.6	992.8	993.4
157.5°	1011.0	1011.9	1012.8	1013.8	1014.7	1014.7	1013.8	1012.8	1011.9	1011.0	1011.6
160°	1022.5	1023.6	1024.7	1025.7	1026.8	1026.8	1025.7	1024.7	1023.6	1022.5	1022.7
162.5°	1031.5	1032.8	1034.0	1035.1	1036.4	1036.4	1035.4	1034.3	1033.2	1032.1	1032.4
165°	1044.2	1045.8	1047.4	1049.0	1050.6	1050.8	1049.3	1047.9	1046.5	1045.0	1045.0
167.5°	1053.7	1055.5	1057.2	1059.1	1060.8	1060.9	1059.4	1057.8	1056.2	1054.6	1054.8
170°	1059.5	1061.2	1063.0	1064.8	1066.6	1066.8	1065.3	1063.9	1062.5	1061.0	1060.9
172.5°	1062.6	1064.6	1066.5	1068.4	1070.4	1070.6	1069.2	1067.8	1066.4	1064.9	1064.8
175°	1066.7	1068.8	1071.0	1073.1	1075.2	1075.5	1073.9	1072.3	1070.7	1069.1	1068.9
177.5°	1069.3	1071.0	1072.7	1074.4	1076.1	1076.4	1075.2	1074.1	1072.9	1071.8	1071.5
180°	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7
2.5°	1077.4	1072.7	1070.3	1064.9	1058.5	1055.1	1052.1	1047.7	1042.0	1035.9	1031.5
5°	1132.0	1122.0	1109.3	1094.2	1080.7	1067.6	1056.2	1044.9	1031.8	1018.3	1004.8
7.5°	1188.2	1168.3	1146.8	1122.0	1097.8	1075.8	1055.6	1036.2	1014.2	994.7	976.8
10°	1227.2	1200.3	1170.4	1138.8	1107.2	1079.8	1052.9	1028.4	1001.5	977.5	957.2
12.5°	1258.9	1227.2	1191.3	1151.9	1114.0	1080.9	1049.8	1018.0	987.3	961.2	934.3
15°	1311.5	1268.1	1219.7	1172.5	1123.2	1078.2	1036.4	999.3	964.4	927.7	902.1
17.5°	1347.7	1296.2	1237.3	1180.6	1122.4	1069.2	1021.1	976.9	936.6	899.1	868.5
20°	1369.3	1312.4	1247.1	1182.6	1117.3	1060.4	1008.6	959.7	918.1	877.6	846.0
22.5°	1381.4	1318.4	1247.1	1179.6	1111.9	1050.4	993.5	942.5	897.1	856.7	821.7
25°	1385.3	1317.9	1245.0	1167.4	1093.3	1028.0	969.0	913.9	863.2	822.8	785.8
27.5°	1379.9	1300.5	1225.8	1146.3	1069.8	1000.9	939.1	881.1	830.4	787.0	749.0
30°	1371.8	1286.7	1206.7	1124.0	1046.6	980.4	915.0	859.4	806.8	761.8	723.4
32.5°	1354.2	1269.9	1183.7	1099.2	1020.6	952.4	890.5	834.6	782.9	736.8	696.1
35°	1319.5	1234.1	1140.5	1053.7	976.6	905.8	847.7	793.8	744.5	695.1	652.2
37.5°	1273.8	1186.5	1093.4	998.3	921.1	854.4	801.0	750.4	702.3	657.3	609.7
40°	1230.7	1151.0	1054.9	960.6	881.4	816.9	767.6	721.7	673.3	628.6	581.0
42.5°	1178.4	1110.6	1013.5	918.8	840.6	778.5	732.6	687.7	643.6	600.3	550.6
45°	1091.2	1039.8	948.8	857.8	779.0	717.5	675.3	635.7	597.0	555.7	509.0
47.5°	991.3	956.5	877.9	784.7	711.9	656.5	615.8	583.4	550.6	509.4	468.3
50°	921.9	899.5	823.6	738.6	669.1	618.1	576.4	546.1	518.6	479.0	442.4
52.5°	847.7	835.8	771.7	690.4	623.2	573.2	537.6	510.3	482.6	449.7	415.4
55°	734.7	741.1	686.7	616.4	553.2	511.0	478.6	455.8	432.3	404.5	378.0
57.5°	619.3	642.4	605.9	544.2	484.9	446.0	421.6	402.4	382.6	359.6	336.9
60°	550.2	569.6	549.0	494.6	442.8	406.5	383.8	369.1	349.3	328.2	310.9
62.5°	482.8	503.6	491.3	447.4	399.3	368.1	348.1	334.4	319.6	301.3	283.3
65°	398.2	411.6	405.8	375.4	341.3	314.7	296.2	286.1	272.6	259.1	243.1
67.5°	304.9	331.0	327.6	311.4	281.9	261.2	249.1	240.1	227.8	217.9	206.9
70°	250.6	274.7	274.3	261.2	245.2	225.9	217.4	209.8	198.8	189.2	180.3
72.5°	205.2	227.2	230.4	220.5	209.5	194.8	186.7	181.5	170.9	164.2	157.1
75°	143.7	159.7	163.9	163.9	158.8	151.2	144.1	140.7	133.2	127.2	123.0
77.5°	94.2	104.3	110.9	112.4	113.2	110.7	104.7	102.3	96.6	94.4	90.4
80°	66.5	73.3	80.9	83.4	85.6	84.7	82.1	80.5	75.0	72.9	71.2
82.5°	46.0	49.7	55.9	61.5	60.9	63.1	60.9	59.6	55.5	54.7	53.0
85°	24.0	24.4	25.3	29.1	31.2	32.0	32.5	31.6	30.3	30.3	27.4
87.5°	11.0	10.5	10.9	10.5	10.5	11.4	12.0	12.0	11.3	10.7	10.1
90°	14.8	13.4	12.0	10.2	8.3	6.3	4.4	2.4	4.4	6.3	8.3
92.5°	14.2	12.8	11.3	10.5	10.5	10.3	10.2	10.1	10.2	10.3	10.5
95°	17.3	17.1	17.0	19.9	26.0	32.0	38.1	44.1	38.1	32.0	26.0
97.5°	61.0	80.9	100.8	108.8	105.1	101.3	97.5	93.7	97.5	101.3	105.1
100°	84.5	109.2	133.8	144.5	141.2	138.1	134.8	131.7	134.8	138.1	141.2
102.5°	176.6	179.8	183.0	183.4	181.1	178.7	176.3	174.0	176.3	178.7	181.1
105°	248.7	247.7	246.8	245.9	244.8	243.8	242.6	241.6	242.6	243.8	244.8
107.5°	309.8	308.6	307.4	306.5	305.9	305.4	304.9	304.4	304.9	305.4	305.9
110°	351.8	350.8	349.7	348.9	348.3	347.8	347.3	346.7	347.3	347.8	348.3



TEST NUMBER: P333063-927

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	393.4	392.9	392.4	391.7	390.7	389.8	388.8	387.9	388.8	389.8	390.7
115°	453.0	453.2	453.4	453.2	452.7	452.2	451.6	451.1	451.6	452.2	452.7
117.5°	512.2	511.8	511.4	510.9	510.2	509.5	508.7	508.0	508.7	509.5	510.2
120°	549.4	549.5	549.7	549.5	548.7	548.0	547.3	546.6	547.3	548.0	548.7
122.5°	585.1	584.9	584.6	584.2	583.8	583.4	583.0	582.6	583.0	583.4	583.8
125°	636.4	636.8	637.1	636.9	636.2	635.5	634.8	634.1	634.8	635.5	636.2
127.5°	685.7	684.9	684.0	683.6	683.4	683.3	683.0	682.9	683.0	683.3	683.4
130°	716.4	716.0	715.4	715.0	714.9	714.7	714.5	714.3	714.5	714.7	714.9
132.5°	746.4	745.7	745.0	744.5	744.2	743.9	743.5	743.2	743.5	743.9	744.2
135°	787.6	786.9	786.2	785.8	786.0	786.2	786.4	786.6	786.4	786.2	786.0
137.5°	827.2	826.4	825.6	825.2	825.1	825.1	825.0	824.9	825.0	825.1	825.1
140°	852.5	852.2	851.8	851.4	851.0	850.7	850.3	850.0	850.3	850.7	851.0
142.5°	875.8	875.7	875.4	875.0	874.4	873.7	873.1	872.4	873.1	873.7	874.4
145°	909.3	909.3	909.3	909.1	908.6	908.0	907.5	907.0	907.5	908.0	908.6
147.5°	938.5	938.7	938.8	938.4	937.4	936.4	935.4	934.4	935.4	936.4	937.4
150°	957.1	957.3	957.4	957.2	956.5	955.8	955.1	954.3	955.1	955.8	956.5
152.5°	972.8	973.1	973.4	973.3	972.7	972.2	971.6	971.0	971.6	972.2	972.7
155°	994.0	994.4	995.0	995.1	995.0	994.8	994.7	994.4	994.7	994.8	995.0
157.5°	1012.2	1012.8	1013.4	1013.8	1013.8	1014.0	1014.1	1014.2	1014.1	1014.0	1013.8
160°	1022.9	1023.1	1023.3	1023.6	1024.1	1024.7	1025.2	1025.7	1025.2	1024.7	1024.1
162.5°	1032.5	1032.7	1032.8	1033.3	1034.0	1034.7	1035.4	1036.0	1035.4	1034.7	1034.0
165°	1045.0	1045.0	1045.0	1045.4	1046.3	1047.3	1048.1	1049.0	1048.1	1047.3	1046.3
167.5°	1054.9	1054.9	1055.1	1055.6	1056.5	1057.5	1058.4	1059.3	1058.4	1057.5	1056.5
170°	1060.7	1060.5	1060.3	1060.8	1061.8	1063.0	1064.0	1065.1	1064.0	1063.0	1061.8
172.5°	1064.5	1064.4	1064.2	1064.6	1065.7	1066.8	1067.9	1068.9	1067.9	1066.8	1065.7
175°	1068.7	1068.6	1068.4	1068.8	1069.9	1071.0	1072.1	1073.1	1072.1	1071.0	1069.9
177.5°	1071.3	1071.0	1070.7	1071.0	1072.1	1073.0	1074.0	1075.0	1074.0	1073.0	1072.1
180°	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1



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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7
2.5°	1026.8	1023.4	1019.1	1014.0	1008.0	1002.6	1000.2	1002.2	1003.2	1000.5	1000.2
5°	995.5	985.0	976.6	963.9	953.9	945.4	939.5	937.0	937.9	931.1	929.4
7.5°	960.4	947.9	934.1	919.2	905.1	892.8	886.3	882.7	875.6	872.5	867.4
10°	937.9	921.0	907.5	889.8	873.8	859.0	851.9	846.0	838.8	835.4	828.3
12.5°	914.6	895.0	880.2	861.8	845.5	827.7	820.9	809.9	798.8	791.6	782.4
15°	881.8	858.3	840.1	818.2	798.8	778.6	760.5	740.2	732.7	716.7	707.4
17.5°	843.4	819.5	797.1	767.7	737.8	712.7	693.4	674.0	662.4	652.2	647.5
20°	818.2	796.3	765.1	730.9	697.7	669.9	654.3	641.7	629.0	621.9	616.8
22.5°	794.2	766.3	730.1	693.2	660.0	638.2	625.0	612.0	601.7	594.9	588.1
25°	754.2	717.5	679.1	637.0	614.3	595.3	581.0	570.5	564.1	555.3	551.9
27.5°	713.0	668.5	626.2	597.9	574.3	556.9	544.4	536.5	528.5	522.8	518.5
30°	681.3	636.2	598.3	571.3	547.3	533.0	522.8	513.6	507.2	502.6	499.2
32.5°	649.9	604.8	573.0	544.0	525.1	511.0	500.3	493.4	488.4	482.4	480.4
35°	604.6	564.6	536.8	510.6	491.2	478.6	470.2	463.0	458.8	457.1	455.8
37.5°	561.0	528.2	498.4	476.9	459.6	449.7	439.7	436.3	433.3	430.3	431.7
40°	533.4	502.6	476.1	453.4	439.4	428.5	422.6	418.4	415.8	415.8	415.8
42.5°	509.5	479.3	453.5	433.1	419.2	410.0	403.4	399.8	398.9	398.6	400.7
45°	472.3	444.5	418.4	401.5	389.7	380.4	376.7	373.7	373.7	375.4	375.8
47.5°	435.5	409.4	388.5	369.6	358.8	353.0	349.7	348.2	348.3	350.1	352.0
50°	412.9	387.2	366.5	349.7	339.6	334.1	331.1	330.3	331.1	331.1	334.1
52.5°	388.2	365.3	345.0	330.8	319.3	314.2	312.6	311.4	312.0	313.3	314.6
55°	352.2	331.6	312.2	298.7	290.3	286.9	283.1	283.5	282.7	283.5	283.5
57.5°	316.1	297.5	279.5	268.8	261.4	256.5	252.4	253.6	252.3	252.2	251.4
60°	292.8	272.6	258.3	248.6	240.1	235.9	232.1	233.0	231.7	230.8	229.2
62.5°	267.5	250.6	237.0	227.7	220.9	216.0	212.2	211.4	208.5	205.6	201.9
65°	230.8	217.0	204.8	195.9	189.6	185.8	182.8	180.3	174.0	167.2	163.9
67.5°	195.3	185.2	173.8	166.4	161.2	156.2	150.6	146.3	140.4	136.7	134.6
70°	172.3	162.6	153.0	145.8	140.3	135.7	129.4	126.4	122.2	120.5	118.4
72.5°	150.4	141.4	132.4	125.9	120.1	116.5	111.5	108.5	106.7	106.0	103.9
75°	117.2	110.0	103.2	97.4	92.7	90.2	88.1	86.0	85.1	81.3	79.2
77.5°	85.5	80.7	76.5	72.3	69.0	67.3	63.3	60.8	59.4	57.7	57.2
80°	66.5	63.2	59.0	56.5	51.8	50.1	48.5	48.0	47.6	47.2	46.7
82.5°	50.1	46.7	42.5	41.0	39.7	38.7	37.6	37.2	36.8	37.1	37.0
85°	25.3	23.6	23.6	23.2	22.7	22.3	21.9	21.9	21.5	21.9	21.5
87.5°	10.5	10.5	10.8	10.4	11.0	11.2	11.2	11.4	12.0	11.5	11.6
90°	10.2	12.0	13.4	14.8	16.2	17.7	18.7	19.8	20.8	21.9	22.7
92.5°	10.5	11.3	12.8	14.2	15.6	17.0	18.1	19.2	20.2	21.3	21.9
95°	19.9	17.0	17.1	17.3	17.5	17.7	18.7	19.8	20.8	21.9	22.6
97.5°	108.8	100.8	80.9	61.0	41.1	21.2	21.3	21.4	21.5	21.6	21.8
100°	144.5	133.8	109.2	84.5	60.0	35.3	32.3	29.2	26.2	23.2	21.8
102.5°	183.4	183.0	179.8	176.6	173.3	170.2	137.4	104.7	72.0	39.3	23.0
105°	245.9	246.8	247.7	248.7	249.5	250.4	252.0	253.7	255.2	256.8	254.4
107.5°	306.5	307.4	308.6	309.8	311.0	312.2	313.0	313.8	314.6	315.4	316.1
110°	348.9	349.7	350.8	351.8	352.9	353.9	354.3	354.7	355.1	355.4	355.8



TEST NUMBER: P333063-927

CATALOG NUMBER: S124RDIW-S795D1050U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	391.7	392.4	392.9	393.4	393.9	394.4	394.3	394.3	394.2	394.1	394.4
115°	453.2	453.4	453.2	453.0	452.9	452.7	453.0	453.4	453.8	454.1	454.3
117.5°	510.9	511.4	511.8	512.2	512.6	513.0	512.9	512.9	512.9	512.8	512.7
120°	549.5	549.7	549.5	549.4	549.1	549.0	549.4	549.7	550.1	550.4	550.4
122.5°	584.2	584.6	584.9	585.1	585.3	585.6	585.8	586.1	586.2	586.5	586.4
125°	636.9	637.1	636.8	636.4	636.0	635.6	636.2	636.8	637.3	637.8	638.2
127.5°	683.6	684.0	684.9	685.7	686.5	687.4	687.3	687.1	687.1	686.9	686.8
130°	715.0	715.4	716.0	716.4	717.0	717.6	717.7	717.9	718.1	718.3	718.4
132.5°	744.5	745.0	745.7	746.4	747.0	747.7	747.9	748.1	748.3	748.5	748.5
135°	785.8	786.2	786.9	787.6	788.3	789.0	789.3	789.7	790.0	790.4	790.8
137.5°	825.2	825.6	826.4	827.2	828.0	828.8	829.2	829.6	830.0	830.4	830.5
140°	851.4	851.8	852.2	852.5	852.9	853.2	853.7	854.3	854.8	855.3	855.7
142.5°	875.0	875.4	875.7	875.8	876.1	876.3	876.7	877.1	877.5	877.9	878.1
145°	909.1	909.3	909.3	909.3	909.3	909.3	909.6	909.7	909.9	910.1	910.4
147.5°	938.4	938.8	938.7	938.5	938.3	938.1	938.3	938.4	938.5	938.7	938.8
150°	957.2	957.4	957.3	957.1	956.9	956.7	956.7	956.7	956.7	956.7	956.8
152.5°	973.3	973.4	973.1	972.8	972.5	972.2	972.4	972.7	973.0	973.3	973.4
155°	995.1	995.0	994.4	994.0	993.4	992.8	993.6	994.3	995.0	995.7	995.8
157.5°	1013.8	1013.4	1012.8	1012.2	1011.6	1011.0	1011.9	1012.8	1013.8	1014.7	1014.7
160°	1023.6	1023.3	1023.1	1022.9	1022.7	1022.5	1023.6	1024.7	1025.7	1026.8	1026.8
162.5°	1033.3	1032.8	1032.7	1032.5	1032.4	1032.1	1033.2	1034.3	1035.4	1036.4	1036.4
165°	1045.4	1045.0	1045.0	1045.0	1045.0	1045.0	1046.5	1047.9	1049.3	1050.8	1050.6
167.5°	1055.6	1055.1	1054.9	1054.9	1054.8	1054.6	1056.2	1057.8	1059.4	1060.9	1060.8
170°	1060.8	1060.3	1060.5	1060.7	1060.9	1061.0	1062.5	1063.9	1065.3	1066.8	1066.6
172.5°	1064.6	1064.2	1064.4	1064.5	1064.8	1064.9	1066.4	1067.8	1069.2	1070.6	1070.4
175°	1068.8	1068.4	1068.6	1068.7	1068.9	1069.1	1070.7	1072.3	1073.9	1075.5	1075.2
177.5°	1071.0	1070.7	1071.0	1071.3	1071.5	1071.8	1072.9	1074.1	1075.2	1076.4	1076.1
180°	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1



TEST NUMBER: P333063-927

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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7
2.5°	998.1	998.9	996.5	995.8	996.5	998.9	998.1	1000.2	1000.5	1003.2	1002.2
5°	926.1	925.2	923.1	923.5	923.1	925.2	926.1	929.4	931.1	937.9	937.0
7.5°	864.4	861.1	862.0	858.6	862.0	861.1	864.4	867.4	872.5	875.6	882.7
10°	826.6	822.0	818.2	814.8	818.2	822.0	826.6	828.3	835.4	838.8	846.0
12.5°	775.1	771.1	766.0	767.0	766.0	771.1	775.1	782.4	791.6	798.8	809.9
15°	701.9	695.6	685.5	686.7	685.5	695.6	701.9	707.4	716.7	732.7	740.2
17.5°	640.0	640.1	635.4	636.5	635.4	640.1	640.0	647.5	652.2	662.4	674.0
20°	607.9	605.0	605.4	604.2	605.4	605.0	607.9	616.8	621.9	629.0	641.7
22.5°	585.7	582.1	579.2	576.6	579.2	582.1	585.7	588.1	594.9	601.7	612.0
25°	548.1	545.6	541.8	541.0	541.8	545.6	548.1	551.9	555.3	564.1	570.5
27.5°	515.1	514.6	513.1	511.1	513.1	514.6	515.1	518.5	522.8	528.5	536.5
30°	495.9	495.0	494.2	492.9	494.2	495.0	495.9	499.2	502.6	507.2	513.6
32.5°	478.7	478.2	477.4	477.4	477.4	478.2	478.7	480.4	482.4	488.4	493.4
35°	454.2	453.8	452.9	452.5	452.9	453.8	454.2	455.8	457.1	458.8	463.0
37.5°	431.3	432.4	431.8	431.7	431.8	432.4	431.3	431.7	430.3	433.3	436.3
40°	415.4	415.8	416.7	416.3	416.7	415.8	415.4	415.8	415.8	415.8	418.4
42.5°	402.3	402.3	403.5	402.1	403.5	402.3	402.3	400.7	398.6	398.9	399.8
45°	378.7	381.3	380.9	380.9	380.9	381.3	378.7	375.8	375.4	373.7	373.7
47.5°	353.1	355.2	355.8	355.8	355.8	355.2	353.1	352.0	350.1	348.3	348.2
50°	336.2	335.3	336.6	336.2	336.6	335.3	336.2	334.1	331.1	331.1	330.3
52.5°	315.7	315.8	315.8	315.3	315.8	315.8	315.7	314.6	313.3	312.0	311.4
55°	284.0	284.4	283.5	284.0	283.5	284.4	284.0	283.5	283.5	282.7	283.5
57.5°	249.6	247.6	248.4	247.4	248.4	247.6	249.6	251.4	252.2	252.3	253.6
60°	225.0	221.6	220.8	219.1	220.8	221.6	225.0	229.2	230.8	231.7	233.0
62.5°	197.3	195.0	192.1	193.5	192.1	195.0	197.3	201.9	205.6	208.5	211.4
65°	160.5	158.8	157.6	159.2	157.6	158.8	160.5	163.9	167.2	174.0	180.3
67.5°	132.8	132.0	132.0	131.1	132.0	132.0	132.8	134.6	136.7	140.4	146.3
70°	118.4	117.2	117.2	116.3	117.2	117.2	118.4	118.4	120.5	122.2	126.4
72.5°	103.5	102.3	102.7	102.1	102.7	102.3	103.5	103.9	106.0	106.7	108.5
75°	76.7	74.5	74.5	75.0	74.5	74.5	76.7	79.2	81.3	85.1	86.0
77.5°	57.2	56.8	57.4	56.6	57.4	56.8	57.2	57.2	57.7	59.4	60.8
80°	46.7	46.3	45.9	47.2	45.9	46.3	46.7	46.7	47.2	47.6	48.0
82.5°	36.3	36.2	36.1	37.8	36.1	36.2	36.3	37.0	37.1	36.8	37.2
85°	21.9	21.1	21.9	21.1	21.9	21.1	21.9	21.5	21.9	21.5	21.9
87.5°	12.4	12.1	11.8	12.2	11.8	12.1	12.4	11.6	11.5	12.0	11.4
90°	23.0	23.4	23.7	24.1	23.7	23.4	23.0	22.7	21.9	20.8	19.8
92.5°	21.9	22.0	22.1	22.2	22.1	22.0	21.9	21.9	21.3	20.2	19.2
95°	22.7	22.9	23.1	23.3	23.1	22.9	22.7	22.6	21.9	20.8	19.8
97.5°	21.9	22.1	22.3	22.5	22.3	22.1	21.9	21.8	21.6	21.5	21.4
100°	21.9	22.1	22.3	22.5	22.3	22.1	21.9	21.8	23.2	26.2	29.2
102.5°	23.0	23.1	23.1	23.1	23.1	23.1	23.0	23.0	39.3	72.0	104.7
105°	248.0	241.6	235.2	228.8	235.2	241.6	248.0	254.4	256.8	255.2	253.7
107.5°	316.8	317.4	318.1	318.8	318.1	317.4	316.8	316.1	315.4	314.6	313.8
110°	356.4	356.9	357.4	358.0	357.4	356.9	356.4	355.8	355.4	355.1	354.7



TEST NUMBER: P333063-927

CATALOG NUMBER: S124RDIW-S795D1050U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	395.1	395.8	396.5	397.1	396.5	395.8	395.1	394.4	394.1	394.2	394.3
115°	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.1	453.8	453.4
117.5°	512.6	512.5	512.5	512.4	512.5	512.5	512.6	512.7	512.8	512.9	512.9
120°	550.1	549.7	549.4	549.0	549.4	549.7	550.1	550.4	550.4	550.1	549.7
122.5°	586.1	585.7	585.3	584.9	585.3	585.7	586.1	586.4	586.5	586.2	586.1
125°	638.3	638.5	638.7	638.9	638.7	638.5	638.3	638.2	637.8	637.3	636.8
127.5°	686.7	686.5	686.3	686.3	686.3	686.5	686.7	686.8	686.9	687.1	687.1
130°	718.4	718.4	718.4	718.4	718.4	718.4	718.4	718.4	718.3	718.1	717.9
132.5°	748.3	748.1	748.1	747.9	748.1	748.1	748.3	748.5	748.5	748.3	748.1
135°	791.2	791.5	791.9	792.2	791.9	791.5	791.2	790.8	790.4	790.0	789.7
137.5°	830.4	830.3	830.2	830.0	830.2	830.3	830.4	830.5	830.4	830.0	829.6
140°	855.9	856.0	856.2	856.4	856.2	856.0	855.9	855.7	855.3	854.8	854.3
142.5°	878.1	878.1	878.2	878.2	878.2	878.1	878.1	878.1	877.9	877.5	877.1
145°	910.7	911.1	911.4	911.8	911.4	911.1	910.7	910.4	910.1	909.9	909.7
147.5°	939.1	939.2	939.4	939.5	939.4	939.2	939.1	938.8	938.7	938.5	938.4
150°	957.0	957.2	957.4	957.5	957.4	957.2	957.0	956.8	956.7	956.7	956.7
152.5°	973.3	973.1	973.0	973.0	973.0	973.1	973.3	973.4	973.3	973.0	972.7
155°	995.2	994.7	994.2	993.6	994.2	994.7	995.2	995.8	995.7	995.0	994.3
157.5°	1013.8	1012.8	1011.9	1011.0	1011.9	1012.8	1013.8	1014.7	1014.7	1013.8	1012.8
160°	1025.7	1024.7	1023.6	1022.5	1023.6	1024.7	1025.7	1026.8	1026.8	1025.7	1024.7
162.5°	1035.1	1034.0	1032.8	1031.5	1032.8	1034.0	1035.1	1036.4	1036.4	1035.4	1034.3
165°	1049.0	1047.4	1045.8	1044.2	1045.8	1047.4	1049.0	1050.6	1050.8	1049.3	1047.9
167.5°	1059.1	1057.2	1055.5	1053.7	1055.5	1057.2	1059.1	1060.8	1060.9	1059.4	1057.8
170°	1064.8	1063.0	1061.2	1059.5	1061.2	1063.0	1064.8	1066.6	1066.8	1065.3	1063.9
172.5°	1068.4	1066.5	1064.6	1062.6	1064.6	1066.5	1068.4	1070.4	1070.6	1069.2	1067.8
175°	1073.1	1071.0	1068.8	1066.7	1068.8	1071.0	1073.1	1075.2	1075.5	1073.9	1072.3
177.5°	1074.4	1072.7	1071.0	1069.3	1071.0	1072.7	1074.4	1076.1	1076.4	1075.2	1074.1
180°	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1



TEST NUMBER: P333063-927

CATALOG NUMBER: S124RDIW-S795D1050U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7
2.5°	1000.2	1002.6	1008.0	1014.0	1019.1	1023.4	1026.8	1031.5	1035.9	1042.0	1047.7
5°	939.5	945.4	953.9	963.9	976.6	985.0	995.5	1004.8	1018.3	1031.8	1044.9
7.5°	886.3	892.8	905.1	919.2	934.1	947.9	960.4	976.8	994.7	1014.2	1036.2
10°	851.9	859.0	873.8	889.8	907.5	921.0	937.9	957.2	977.5	1001.5	1028.4
12.5°	820.9	827.7	845.5	861.8	880.2	895.0	914.6	934.3	961.2	987.3	1018.0
15°	760.5	778.6	798.8	818.2	840.1	858.3	881.8	902.1	927.7	964.4	999.3
17.5°	693.4	712.7	737.8	767.7	797.1	819.5	843.4	868.5	899.1	936.6	976.9
20°	654.3	669.9	697.7	730.9	765.1	796.3	818.2	846.0	877.6	918.1	959.7
22.5°	625.0	638.2	660.0	693.2	730.1	766.3	794.2	821.7	856.7	897.1	942.5
25°	581.0	595.3	614.3	637.0	679.1	717.5	754.2	785.8	822.8	863.2	913.9
27.5°	544.4	556.9	574.3	597.9	626.2	668.5	713.0	749.0	787.0	830.4	881.1
30°	522.8	533.0	547.3	571.3	598.3	636.2	681.3	723.4	761.8	806.8	859.4
32.5°	500.3	511.0	525.1	544.0	573.0	604.8	649.9	696.1	736.8	782.9	834.6
35°	470.2	478.6	491.2	510.6	536.8	564.6	604.6	652.2	695.1	744.5	793.8
37.5°	439.7	449.7	459.6	476.9	498.4	528.2	561.0	609.7	657.3	702.3	750.4
40°	422.6	428.5	439.4	453.4	476.1	502.6	533.4	581.0	628.6	673.3	721.7
42.5°	403.4	410.0	419.2	433.1	453.5	479.3	509.5	550.6	600.3	643.6	687.7
45°	376.7	380.4	389.7	401.5	418.4	444.5	472.3	509.0	555.7	597.0	635.7
47.5°	349.7	353.0	358.8	369.6	388.5	409.4	435.5	468.3	509.4	550.6	583.4
50°	331.1	334.1	339.6	349.7	366.5	387.2	412.9	442.4	479.0	518.6	546.1
52.5°	312.6	314.2	319.3	330.8	345.0	365.3	388.2	415.4	449.7	482.6	510.3
55°	283.1	286.9	290.3	298.7	312.2	331.6	352.2	378.0	404.5	432.3	455.8
57.5°	252.4	256.5	261.4	268.8	279.5	297.5	316.1	336.9	359.6	382.6	402.4
60°	232.1	235.9	240.1	248.6	258.3	272.6	292.8	310.9	328.2	349.3	369.1
62.5°	212.2	216.0	220.9	227.7	237.0	250.6	267.5	283.3	301.3	319.6	334.4
65°	182.8	185.8	189.6	195.9	204.8	217.0	230.8	243.1	259.1	272.6	286.1
67.5°	150.6	156.2	161.2	166.4	173.8	185.2	195.3	206.9	217.9	227.8	240.1
70°	129.4	135.7	140.3	145.8	153.0	162.6	172.3	180.3	189.2	198.8	209.8
72.5°	111.5	116.5	120.1	125.9	132.4	141.4	150.4	157.1	164.2	170.9	181.5
75°	88.1	90.2	92.7	97.4	103.2	110.0	117.2	123.0	127.2	133.2	140.7
77.5°	63.3	67.3	69.0	72.3	76.5	80.7	85.5	90.4	94.4	96.6	102.3
80°	48.5	50.1	51.8	56.5	59.0	63.2	66.5	71.2	72.9	75.0	80.5
82.5°	37.6	38.7	39.7	41.0	42.5	46.7	50.1	53.0	54.7	55.5	59.6
85°	21.9	22.3	22.7	23.2	23.6	23.6	25.3	27.4	30.3	30.3	31.6
87.5°	11.2	11.2	11.0	10.4	10.8	10.5	10.5	10.1	10.7	11.3	12.0
90°	18.7	17.7	16.2	14.8	13.4	12.0	10.2	8.3	6.3	4.4	2.4
92.5°	18.1	17.0	15.6	14.2	12.8	11.3	10.5	10.5	10.3	10.2	10.1
95°	18.7	17.7	17.5	17.3	17.1	17.0	19.9	26.0	32.0	38.1	44.1
97.5°	21.3	21.2	41.1	61.0	80.9	100.8	108.8	105.1	101.3	97.5	93.7
100°	32.3	35.3	60.0	84.5	109.2	133.8	144.5	141.2	138.1	134.8	131.7
102.5°	137.4	170.2	173.3	176.6	179.8	183.0	183.4	181.1	178.7	176.3	174.0
105°	252.0	250.4	249.5	248.7	247.7	246.8	245.9	244.8	243.8	242.6	241.6
107.5°	313.0	312.2	311.0	309.8	308.6	307.4	306.5	305.9	305.4	304.9	304.4
110°	354.3	353.9	352.9	351.8	350.8	349.7	348.9	348.3	347.8	347.3	346.7



TEST NUMBER: P333063-927

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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	394.3	394.4	393.9	393.4	392.9	392.4	391.7	390.7	389.8	388.8	387.9
115°	453.0	452.7	452.9	453.0	453.2	453.4	453.2	452.7	452.2	451.6	451.1
117.5°	512.9	513.0	512.6	512.2	511.8	511.4	510.9	510.2	509.5	508.7	508.0
120°	549.4	549.0	549.1	549.4	549.5	549.7	549.5	548.7	548.0	547.3	546.6
122.5°	585.8	585.6	585.3	585.1	584.9	584.6	584.2	583.8	583.4	583.0	582.6
125°	636.2	635.6	636.0	636.4	636.8	637.1	636.9	636.2	635.5	634.8	634.1
127.5°	687.3	687.4	686.5	685.7	684.9	684.0	683.6	683.4	683.3	683.0	682.9
130°	717.7	717.6	717.0	716.4	716.0	715.4	715.0	714.9	714.7	714.5	714.3
132.5°	747.9	747.7	747.0	746.4	745.7	745.0	744.5	744.2	743.9	743.5	743.2
135°	789.3	789.0	788.3	787.6	786.9	786.2	785.8	786.0	786.2	786.4	786.6
137.5°	829.2	828.8	828.0	827.2	826.4	825.6	825.2	825.1	825.1	825.0	824.9
140°	853.7	853.2	852.9	852.5	852.2	851.8	851.4	851.0	850.7	850.3	850.0
142.5°	876.7	876.3	876.1	875.8	875.7	875.4	875.0	874.4	873.7	873.1	872.4
145°	909.6	909.3	909.3	909.3	909.3	909.3	909.1	908.6	908.0	907.5	907.0
147.5°	938.3	938.1	938.3	938.5	938.7	938.8	938.4	937.4	936.4	935.4	934.4
150°	956.7	956.7	956.9	957.1	957.3	957.4	957.2	956.5	955.8	955.1	954.3
152.5°	972.4	972.2	972.5	972.8	973.1	973.4	973.3	972.7	972.2	971.6	971.0
155°	993.6	992.8	993.4	994.0	994.4	995.0	995.1	995.0	994.8	994.7	994.4
157.5°	1011.9	1011.0	1011.6	1012.2	1012.8	1013.4	1013.8	1013.8	1014.0	1014.1	1014.2
160°	1023.6	1022.5	1022.7	1022.9	1023.1	1023.3	1023.6	1024.1	1024.7	1025.2	1025.7
162.5°	1033.2	1032.1	1032.4	1032.5	1032.7	1032.8	1033.3	1034.0	1034.7	1035.4	1036.0
165°	1046.5	1045.0	1045.0	1045.0	1045.0	1045.0	1045.4	1046.3	1047.3	1048.1	1049.0
167.5°	1056.2	1054.6	1054.8	1054.9	1054.9	1055.1	1055.6	1056.5	1057.5	1058.4	1059.3
170°	1062.5	1061.0	1060.9	1060.7	1060.5	1060.3	1060.8	1061.8	1063.0	1064.0	1065.1
172.5°	1066.4	1064.9	1064.8	1064.5	1064.4	1064.2	1064.6	1065.7	1066.8	1067.9	1068.9
175°	1070.7	1069.1	1068.9	1068.7	1068.6	1068.4	1068.8	1069.9	1071.0	1072.1	1073.1
177.5°	1072.9	1071.8	1071.5	1071.3	1071.0	1070.7	1071.0	1072.1	1073.0	1074.0	1075.0
180°	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1



TEST NUMBER: P333063-927

CATALOG NUMBER: S124RDIW-S795D1050U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7
2.5°	1052.1	1055.1	1058.5	1064.9	1070.3	1072.7	1077.4	1080.8	1079.7	1084.4	1092.6
5°	1056.2	1067.6	1080.7	1094.2	1109.3	1122.0	1132.0	1142.2	1150.2	1159.8	1174.2
7.5°	1055.6	1075.8	1097.8	1122.0	1146.8	1168.3	1188.2	1208.4	1226.4	1246.0	1271.7
10°	1052.9	1079.8	1107.2	1138.8	1170.4	1200.3	1227.2	1252.6	1276.6	1302.3	1334.7
12.5°	1049.8	1080.9	1114.0	1151.9	1191.3	1227.2	1258.9	1295.4	1325.5	1358.6	1396.1
15°	1036.4	1078.2	1123.2	1172.5	1219.7	1268.1	1311.5	1356.2	1397.9	1437.5	1484.7
17.5°	1021.1	1069.2	1122.4	1180.6	1237.3	1296.2	1347.7	1404.0	1446.6	1499.8	1543.6
20°	1008.6	1060.4	1117.3	1182.6	1247.1	1312.4	1369.3	1426.6	1474.6	1528.1	1583.7
22.5°	993.5	1050.4	1111.9	1179.6	1247.1	1318.4	1381.4	1438.4	1497.9	1558.1	1615.4
25°	969.0	1028.0	1093.3	1167.4	1245.0	1317.9	1385.3	1456.0	1520.1	1585.4	1636.8
27.5°	939.1	1000.9	1069.8	1146.3	1225.8	1300.5	1379.9	1455.3	1519.7	1582.6	1627.5
30°	915.0	980.4	1046.6	1124.0	1206.7	1286.7	1371.8	1447.2	1515.0	1571.5	1596.8
32.5°	890.5	952.4	1020.6	1099.2	1183.7	1269.9	1354.2	1431.4	1494.1	1528.0	1528.7
35°	847.7	905.8	976.6	1053.7	1140.5	1234.1	1319.5	1395.3	1433.7	1436.7	1395.3
37.5°	801.0	854.4	921.1	998.3	1093.4	1186.5	1273.8	1324.4	1337.1	1294.3	1217.9
40°	767.6	816.9	881.4	960.6	1054.9	1151.0	1230.7	1267.7	1254.3	1184.7	1099.6
42.5°	732.6	778.5	840.6	918.8	1013.5	1110.6	1178.4	1198.3	1162.6	1082.3	982.7
45°	675.3	717.5	779.0	857.8	948.8	1039.8	1091.2	1081.1	1021.7	926.5	814.8
47.5°	615.8	656.5	711.9	784.7	877.9	956.5	991.3	960.8	876.2	771.5	680.6
50°	576.4	618.1	669.1	738.6	823.6	899.5	921.9	875.5	781.6	680.8	597.4
52.5°	537.6	573.2	623.2	690.4	771.7	835.8	847.7	794.2	697.3	607.0	533.1
55°	478.6	511.0	553.2	616.4	686.7	741.1	734.7	666.1	578.1	501.0	442.8
57.5°	421.6	446.0	484.9	544.2	605.9	642.4	619.3	560.8	478.7	415.6	366.5
60°	383.8	406.5	442.8	494.6	549.0	569.6	550.2	486.6	421.8	364.0	322.7
62.5°	348.1	368.1	399.3	447.4	491.3	503.6	482.8	427.3	368.8	319.5	285.3
65°	296.2	314.7	341.3	375.4	405.8	411.6	398.2	341.3	297.0	255.7	232.1
67.5°	249.1	261.2	281.9	311.4	327.6	331.0	304.9	269.2	230.2	204.9	187.0
70°	217.4	225.9	245.2	261.2	274.3	274.7	250.6	222.0	192.1	171.5	158.4
72.5°	186.7	194.8	209.5	220.5	230.4	227.2	205.2	182.6	158.4	142.8	133.2
75°	144.1	151.2	158.8	163.9	163.9	159.7	143.7	126.8	112.9	103.6	100.7
77.5°	104.7	110.7	113.2	112.4	110.9	104.3	94.2	83.2	78.2	73.8	71.6
80°	82.1	84.7	85.6	83.4	80.9	73.3	66.5	61.9	57.3	55.6	54.7
82.5°	60.9	63.1	60.9	61.5	55.9	49.7	46.0	44.4	42.5	41.8	41.0
85°	32.5	32.0	31.2	29.1	25.3	24.4	24.0	23.6	22.7	23.2	22.3
87.5°	12.0	11.4	10.5	10.5	10.9	10.5	11.0	11.3	11.6	11.5	12.4
90°	4.4	6.3	8.3	10.2	12.0	13.4	14.8	16.2	17.7	18.7	19.8
92.5°	10.2	10.3	10.5	10.5	11.3	12.8	14.2	15.6	17.0	18.1	19.2
95°	38.1	32.0	26.0	19.9	17.0	17.1	17.3	17.5	17.7	18.7	19.8
97.5°	97.5	101.3	105.1	108.8	100.8	80.9	61.0	41.1	21.2	21.3	21.4
100°	134.8	138.1	141.2	144.5	133.8	109.2	84.5	60.0	35.3	32.3	29.2
102.5°	176.3	178.7	181.1	183.4	183.0	179.8	176.6	173.3	170.2	137.4	104.7
105°	242.6	243.8	244.8	245.9	246.8	247.7	248.7	249.5	250.4	252.0	253.7
107.5°	304.9	305.4	305.9	306.5	307.4	308.6	309.8	311.0	312.2	313.0	313.8
110°	347.3	347.8	348.3	348.9	349.7	350.8	351.8	352.9	353.9	354.3	354.7



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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	388.8	389.8	390.7	391.7	392.4	392.9	393.4	393.9	394.4	394.3	394.3
115°	451.6	452.2	452.7	453.2	453.4	453.2	453.0	452.9	452.7	453.0	453.4
117.5°	508.7	509.5	510.2	510.9	511.4	511.8	512.2	512.6	513.0	512.9	512.9
120°	547.3	548.0	548.7	549.5	549.7	549.5	549.4	549.1	549.0	549.4	549.7
122.5°	583.0	583.4	583.8	584.2	584.6	584.9	585.1	585.3	585.6	585.8	586.1
125°	634.8	635.5	636.2	636.9	637.1	636.8	636.4	636.0	635.6	636.2	636.8
127.5°	683.0	683.3	683.4	683.6	684.0	684.9	685.7	686.5	687.4	687.3	687.1
130°	714.5	714.7	714.9	715.0	715.4	716.0	716.4	717.0	717.6	717.7	717.9
132.5°	743.5	743.9	744.2	744.5	745.0	745.7	746.4	747.0	747.7	747.9	748.1
135°	786.4	786.2	786.0	785.8	786.2	786.9	787.6	788.3	789.0	789.3	789.7
137.5°	825.0	825.1	825.1	825.2	825.6	826.4	827.2	828.0	828.8	829.2	829.6
140°	850.3	850.7	851.0	851.4	851.8	852.2	852.5	852.9	853.2	853.7	854.3
142.5°	873.1	873.7	874.4	875.0	875.4	875.7	875.8	876.1	876.3	876.7	877.1
145°	907.5	908.0	908.6	909.1	909.3	909.3	909.3	909.3	909.3	909.6	909.7
147.5°	935.4	936.4	937.4	938.4	938.8	938.7	938.5	938.3	938.1	938.3	938.4
150°	955.1	955.8	956.5	957.2	957.4	957.3	957.1	956.9	956.7	956.7	956.7
152.5°	971.6	972.2	972.7	973.3	973.4	973.1	972.8	972.5	972.2	972.4	972.7
155°	994.7	994.8	995.0	995.1	995.0	994.4	994.0	993.4	992.8	993.6	994.3
157.5°	1014.1	1014.0	1013.8	1013.8	1013.4	1012.8	1012.2	1011.6	1011.0	1011.9	1012.8
160°	1025.2	1024.7	1024.1	1023.6	1023.3	1023.1	1022.9	1022.7	1022.5	1023.6	1024.7
162.5°	1035.4	1034.7	1034.0	1033.3	1032.8	1032.7	1032.5	1032.4	1032.1	1033.2	1034.3
165°	1048.1	1047.3	1046.3	1045.4	1045.0	1045.0	1045.0	1045.0	1045.0	1046.5	1047.9
167.5°	1058.4	1057.5	1056.5	1055.6	1055.1	1054.9	1054.9	1054.8	1054.6	1056.2	1057.8
170°	1064.0	1063.0	1061.8	1060.8	1060.3	1060.5	1060.7	1060.9	1061.0	1062.5	1063.9
172.5°	1067.9	1066.8	1065.7	1064.6	1064.2	1064.4	1064.5	1064.8	1064.9	1066.4	1067.8
175°	1072.1	1071.0	1069.9	1068.8	1068.4	1068.6	1068.7	1068.9	1069.1	1070.7	1072.3
177.5°	1074.0	1073.0	1072.1	1071.0	1070.7	1071.0	1071.3	1071.5	1071.8	1072.9	1074.1
180°	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7	1045.7
2.5°	1096.9	1098.3	1099.3	1102.6	1103.0	1106.0	1103.0
5°	1187.6	1193.6	1202.8	1212.1	1213.0	1218.9	1208.3
7.5°	1289.4	1303.1	1311.6	1326.6	1332.5	1336.3	1330.2
10°	1359.5	1372.2	1394.6	1405.5	1416.4	1418.2	1413.1
12.5°	1427.4	1447.4	1465.0	1485.7	1485.2	1500.1	1494.6
15°	1517.6	1538.2	1562.7	1585.8	1594.3	1594.3	1601.0
17.5°	1581.9	1619.8	1645.0	1663.3	1683.1	1686.6	1684.3
20°	1625.4	1666.3	1693.3	1716.8	1730.4	1734.1	1734.1
22.5°	1657.8	1692.6	1718.9	1740.1	1751.2	1755.7	1754.4
25°	1680.2	1710.1	1726.1	1732.4	1735.4	1734.6	1726.6
27.5°	1649.5	1648.1	1638.1	1618.7	1604.1	1595.2	1585.2
30°	1590.9	1569.0	1543.7	1515.8	1480.0	1452.7	1444.2
32.5°	1503.6	1454.4	1411.6	1365.2	1326.7	1299.3	1287.9
35°	1334.7	1256.8	1193.2	1137.6	1097.1	1071.8	1063.4
37.5°	1134.3	1058.9	980.2	926.2	892.7	867.1	857.6
40°	1006.9	924.8	856.1	805.6	771.0	746.2	745.8
42.5°	890.7	812.2	747.6	711.1	673.9	657.5	657.4
45°	729.3	666.5	611.7	583.1	560.8	547.3	543.5
47.5°	603.8	551.9	515.4	492.6	474.4	465.8	460.3
50°	533.4	487.9	458.8	439.0	428.9	418.0	417.1
52.5°	474.8	438.0	415.3	399.3	386.4	379.9	380.0
55°	398.9	369.9	353.9	341.7	331.6	326.5	324.4
57.5°	336.1	314.3	302.7	291.4	287.2	283.2	282.1
60°	297.0	282.3	271.3	262.4	256.2	254.9	254.4
62.5°	264.7	249.2	241.7	234.8	230.2	228.2	227.5
65°	218.2	206.8	200.1	194.6	193.0	190.0	189.6
67.5°	175.9	169.1	164.6	160.9	158.6	158.4	158.4
70°	150.0	146.2	142.4	140.3	139.0	138.2	138.2
72.5°	127.8	124.9	121.8	120.7	120.5	119.6	119.3
75°	97.4	94.3	94.8	92.7	91.0	88.9	87.6
77.5°	69.0	66.9	66.5	66.2	64.8	64.6	65.2
80°	53.5	51.4	51.0	51.4	51.0	49.7	49.7
82.5°	40.7	38.9	38.5	38.3	37.9	38.3	37.5
85°	21.9	21.1	21.1	21.1	21.9	21.5	21.1
87.5°	12.0	11.8	12.3	12.0	12.1	11.8	12.2
90°	20.8	21.9	22.7	23.0	23.4	23.7	24.1
92.5°	20.2	21.3	21.9	21.9	22.0	22.1	22.2
95°	20.8	21.9	22.6	22.7	22.9	23.1	23.3
97.5°	21.5	21.6	21.8	21.9	22.1	22.3	22.5
100°	26.2	23.2	21.8	21.9	22.1	22.3	22.5
102.5°	72.0	39.3	23.0	23.0	23.1	23.1	23.1
105°	255.2	256.8	254.4	248.0	241.6	235.2	228.8
107.5°	314.6	315.4	316.1	316.8	317.4	318.1	318.8
110°	355.1	355.4	355.8	356.4	356.9	357.4	358.0



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	394.2	394.1	394.4	395.1	395.8	396.5	397.1
115°	453.8	454.1	454.3	454.3	454.3	454.3	454.3
117.5°	512.9	512.8	512.7	512.6	512.5	512.5	512.4
120°	550.1	550.4	550.4	550.1	549.7	549.4	549.0
122.5°	586.2	586.5	586.4	586.1	585.7	585.3	584.9
125°	637.3	637.8	638.2	638.3	638.5	638.7	638.9
127.5°	687.1	686.9	686.8	686.7	686.5	686.3	686.3
130°	718.1	718.3	718.4	718.4	718.4	718.4	718.4
132.5°	748.3	748.5	748.5	748.3	748.1	748.1	747.9
135°	790.0	790.4	790.8	791.2	791.5	791.9	792.2
137.5°	830.0	830.4	830.5	830.4	830.3	830.2	830.0
140°	854.8	855.3	855.7	855.9	856.0	856.2	856.4
142.5°	877.5	877.9	878.1	878.1	878.1	878.2	878.2
145°	909.9	910.1	910.4	910.7	911.1	911.4	911.8
147.5°	938.5	938.7	938.8	939.1	939.2	939.4	939.5
150°	956.7	956.7	956.8	957.0	957.2	957.4	957.5
152.5°	973.0	973.3	973.4	973.3	973.1	973.0	973.0
155°	995.0	995.7	995.8	995.2	994.7	994.2	993.6
157.5°	1013.8	1014.7	1014.7	1013.8	1012.8	1011.9	1011.0
160°	1025.7	1026.8	1026.8	1025.7	1024.7	1023.6	1022.5
162.5°	1035.4	1036.4	1036.4	1035.1	1034.0	1032.8	1031.5
165°	1049.3	1050.8	1050.6	1049.0	1047.4	1045.8	1044.2
167.5°	1059.4	1060.9	1060.8	1059.1	1057.2	1055.5	1053.7
170°	1065.3	1066.8	1066.6	1064.8	1063.0	1061.2	1059.5
172.5°	1069.2	1070.6	1070.4	1068.4	1066.5	1064.6	1062.6
175°	1073.9	1075.5	1075.2	1073.1	1071.0	1068.8	1066.7
177.5°	1075.2	1076.4	1076.1	1074.4	1072.7	1071.0	1069.3
180°	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1

(END OF REPORT)