

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: P333063-935

Luminaire Tested: **S124RDIW-S795D1050U935-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333063-935
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-S795D1050U935-4F0-1E-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: 6484.1 lumens
Efficiency: N/A
Efficacy: 123.3 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

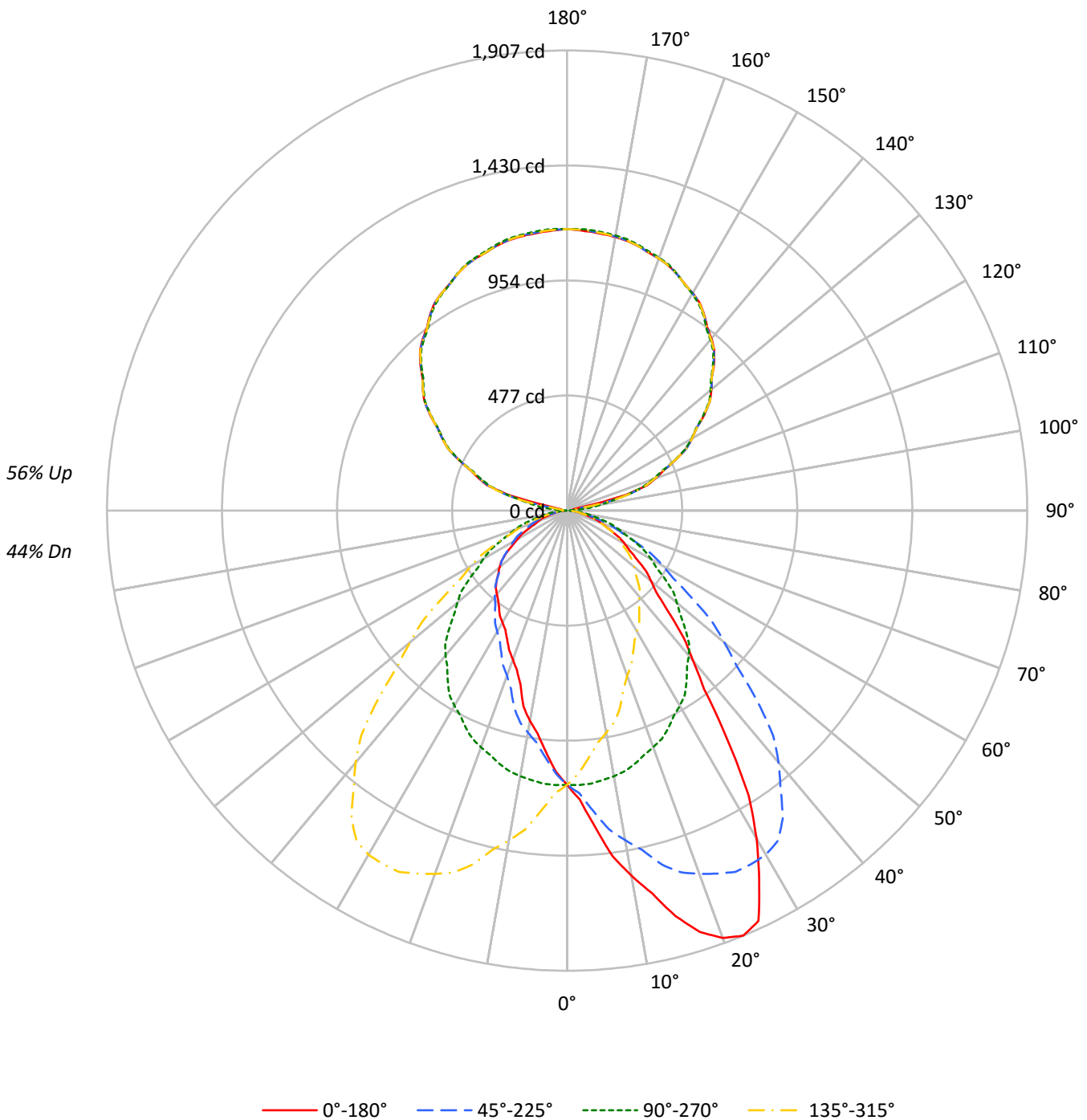
Input Watts (W): 52.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	9175	9175	9175	9175
5°	10643	9203	8135	9203
10°	12591	9163	7260	9163
15°	14543	9078	6238	9078
20°	16192	8961	5642	8961
25°	16715	8847	5238	8847
30°	14632	8708	4994	8708
35°	11391	8502	4847	8502
40°	8541	8266	4769	8266
45°	6744	7889	4727	7889
50°	5693	7454	4589	7454
55°	4963	6973	4345	6973
60°	4466	6476	3846	6476
65°	3935	5939	3307	5939
70°	3545	5384	2984	5384
75°	2969	4769	2542	4769
80°	2515	4068	2385	4068
85°	2121	3186	2121	3186



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.1	1.7
10°-20°	332.2	5.1
20°-30°	519.5	8.0
30°-40°	577.6	8.9
40°-50°	512.4	7.9
50°-60°	399.3	6.2
60°-70°	261.4	4.0
70°-80°	128.6	2.0
80°-90°	35.1	0.5
90°-100°	39.9	0.6
100°-110°	254.3	3.9
110°-120°	486.6	7.5
120°-130°	617.7	9.5
130°-140°	660.8	10.2
140°-150°	618.0	9.5
150°-160°	498.3	7.7
160°-170°	321.4	5.0
170°-180°	110.8	1.7
0°-30°	961.8	14.8
0°-40°	1539.4	23.7
0°-60°	2451.2	37.8
0°-90°	2876.3	44.4
90°-120°	780.8	12.0
90°-150°	2677.3	41.3
90°-180°	3608.0	55.6
0°-180°	6484.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1136	1136	1136	1136	1136	
5°	1313	1136	1004	1136	1313	133
15°	1740	1086	746	1086	1740	495
25°	1876	993	588	993	1876	832
35°	1156	863	492	863	1156	724
45°	591	691	414	691	591	468
55°	353	495	309	495	353	321
65°	206	311	173	311	206	207
75°	95	153	82	153	95	105
85°	23	34	23	34	23	26
90°	26	3	26	3	26	12
95°	25	48	25	48	25	20
105°	249	263	249	263	249	217
115°	494	490	494	490	494	489
125°	694	689	694	689	694	618
135°	861	855	861	855	861	663
145°	991	986	991	986	991	619
155°	1080	1081	1080	1081	1080	498
165°	1135	1140	1135	1140	1135	321
175°	1159	1166	1159	1166	1159	110
180°	1166	1166	1166	1166	1166	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5
2.5°	1198.8	1198.8	1198.8	1198.4	1194.8	1193.7	1192.2	1187.5	1178.6	1173.5	1174.7
5°	1313.3	1313.3	1318.4	1317.4	1307.3	1297.3	1290.8	1276.2	1260.6	1250.1	1241.4
7.5°	1445.7	1445.7	1448.3	1441.8	1425.6	1416.3	1401.4	1382.2	1354.3	1332.9	1313.4
10°	1535.9	1535.9	1539.5	1527.6	1515.7	1491.4	1477.6	1450.7	1415.4	1387.5	1361.4
12.5°	1624.4	1624.4	1614.2	1614.8	1592.2	1573.1	1551.3	1517.3	1476.6	1440.6	1407.9
15°	1740.1	1740.1	1732.8	1723.5	1698.4	1671.8	1649.4	1613.7	1562.4	1519.3	1474.0
17.5°	1830.6	1830.6	1829.4	1807.8	1788.0	1760.5	1719.3	1677.7	1630.0	1572.3	1526.0
20°	1884.7	1884.7	1880.7	1866.0	1840.4	1811.0	1766.6	1721.3	1660.9	1602.7	1550.5
22.5°	1906.8	1906.8	1903.3	1891.3	1868.2	1839.6	1801.8	1755.8	1693.4	1628.0	1563.3
25°	1876.5	1876.5	1886.1	1882.9	1876.0	1858.6	1826.2	1779.0	1723.1	1652.2	1582.5
27.5°	1722.9	1722.9	1743.4	1759.3	1780.4	1791.3	1792.8	1768.8	1720.1	1651.7	1581.7
30°	1569.7	1569.7	1608.6	1647.5	1677.8	1705.3	1729.1	1735.5	1708.1	1646.7	1573.0
32.5°	1399.7	1399.7	1442.0	1483.8	1534.2	1580.7	1634.2	1661.5	1660.8	1623.9	1555.7
35°	1155.8	1155.8	1192.4	1236.4	1296.8	1366.0	1450.7	1516.6	1561.5	1558.2	1516.6
37.5°	932.1	932.1	970.3	1006.7	1065.3	1150.9	1232.9	1323.7	1406.7	1453.3	1439.4
40°	810.5	810.5	838.0	875.6	930.5	1005.1	1094.4	1195.2	1287.6	1363.2	1377.9
42.5°	714.5	714.5	732.5	772.9	812.5	882.8	968.0	1068.1	1176.3	1263.6	1302.4
45°	590.7	590.7	609.5	633.8	664.9	724.4	792.6	885.6	1006.9	1110.4	1175.0
47.5°	500.2	500.2	515.6	535.4	560.2	599.9	656.3	739.8	838.5	952.4	1044.2
50°	453.3	453.3	466.1	477.2	498.7	530.3	579.7	649.3	739.9	849.5	951.6
52.5°	413.0	413.0	420.0	433.9	451.4	476.0	516.0	579.4	659.8	757.9	863.2
55°	352.6	352.6	360.4	371.3	384.6	402.1	433.6	481.3	544.5	628.3	723.9
57.5°	306.6	306.6	312.1	316.8	329.0	341.6	365.3	398.4	451.7	520.3	609.5
60°	276.6	276.6	278.4	285.2	294.9	306.8	322.8	350.8	395.6	458.4	528.9
62.5°	247.3	247.3	250.2	255.2	262.7	270.9	287.7	310.1	347.2	400.9	464.4
65°	206.0	206.0	209.7	211.5	217.5	224.8	237.2	252.3	277.9	322.8	370.9
67.5°	172.2	172.2	172.4	174.9	178.9	183.8	191.2	203.3	222.7	250.2	292.6
70°	150.2	150.2	151.1	152.5	154.8	158.9	163.0	172.2	186.4	208.8	241.3
72.5°	129.7	129.7	131.0	131.2	132.4	135.8	138.9	144.7	155.2	172.2	198.5
75°	95.2	95.2	98.9	100.7	103.1	102.5	105.8	109.4	112.6	122.7	137.8
77.5°	70.9	70.9	70.4	72.0	72.2	72.8	75.0	77.8	80.2	85.0	90.4
80°	54.1	54.1	55.4	55.9	55.4	55.9	58.1	59.5	60.4	62.3	67.3
82.5°	40.8	40.8	41.2	41.6	41.8	42.3	44.3	44.5	45.5	46.1	48.3
85°	22.9	22.9	23.8	22.9	22.9	22.9	23.8	24.3	25.2	24.7	25.7
87.5°	13.3	13.3	13.2	13.1	13.3	12.8	13.0	13.4	12.5	12.7	12.3
90°	26.2	26.2	25.4	25.0	24.6	23.8	22.6	21.5	20.3	19.2	17.7
92.5°	24.1	24.1	23.9	23.8	23.8	23.2	22.0	20.8	19.6	18.5	17.0
95°	25.3	25.3	24.9	24.7	24.5	23.8	22.6	21.5	20.3	19.2	19.0
97.5°	24.5	24.5	24.0	23.8	23.7	23.5	23.4	23.2	23.2	23.0	44.7
100°	24.5	24.5	24.0	23.8	23.7	25.2	28.5	31.8	35.1	38.4	65.2
102.5°	25.1	25.1	25.1	25.0	25.0	42.7	78.3	113.8	149.4	184.9	188.4
105°	248.7	248.7	262.6	269.6	276.6	279.1	277.4	275.7	273.9	272.2	271.2
107.5°	346.5	346.5	345.0	344.3	343.5	342.8	341.9	341.0	340.2	339.3	338.0
110°	389.1	389.1	387.9	387.4	386.8	386.2	385.9	385.5	385.1	384.7	383.6



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	431.6	430.9	430.2	429.5	428.7	428.3	428.4	428.5	428.6	428.7	428.1
115°	493.8	493.8	493.8	493.8	493.8	493.5	493.2	492.8	492.4	492.0	492.2
117.5°	556.9	557.0	557.1	557.2	557.2	557.3	557.4	557.4	557.5	557.6	557.2
120°	596.7	597.1	597.4	597.9	598.2	598.2	597.9	597.4	597.1	596.7	596.8
122.5°	635.8	636.2	636.5	637.0	637.3	637.4	637.1	637.0	636.7	636.5	636.2
125°	694.4	694.2	694.0	693.8	693.6	693.2	692.7	692.1	691.5	690.9	691.3
127.5°	745.9	746.0	746.1	746.3	746.5	746.6	746.7	746.8	747.0	747.1	746.1
130°	780.8	780.8	780.8	780.8	780.8	780.7	780.5	780.2	780.1	779.9	779.3
132.5°	812.9	813.0	813.1	813.3	813.5	813.5	813.3	813.0	812.9	812.7	811.9
135°	861.0	860.7	860.2	859.9	859.5	859.1	858.7	858.3	857.9	857.6	856.8
137.5°	902.2	902.3	902.4	902.5	902.7	902.5	902.1	901.6	901.2	900.8	899.9
140°	930.8	930.6	930.4	930.2	930.1	929.6	929.0	928.5	927.9	927.3	927.0
142.5°	954.5	954.5	954.4	954.4	954.3	954.2	953.7	953.3	952.9	952.4	952.2
145°	991.0	990.6	990.2	989.8	989.5	989.1	988.9	988.8	988.6	988.3	988.3
147.5°	1021.1	1021.0	1020.8	1020.6	1020.4	1020.2	1020.0	1019.9	1019.8	1019.6	1019.8
150°	1040.7	1040.5	1040.3	1040.1	1039.9	1039.8	1039.8	1039.8	1039.8	1039.8	1040.0
152.5°	1057.5	1057.6	1057.7	1057.8	1057.9	1057.8	1057.5	1057.2	1056.9	1056.6	1057.0
155°	1080.0	1080.6	1081.2	1081.7	1082.3	1082.2	1081.4	1080.6	1079.9	1079.1	1079.7
157.5°	1098.8	1099.8	1100.8	1101.8	1102.9	1102.9	1101.8	1100.8	1099.8	1098.8	1099.5
160°	1111.4	1112.5	1113.7	1114.8	1116.0	1116.0	1114.8	1113.7	1112.5	1111.4	1111.6
162.5°	1121.1	1122.5	1123.8	1125.1	1126.4	1126.4	1125.3	1124.1	1123.0	1121.8	1122.1
165°	1134.9	1136.7	1138.4	1140.1	1141.9	1142.0	1140.5	1138.9	1137.4	1135.8	1135.8
167.5°	1145.2	1147.2	1149.1	1151.1	1153.0	1153.1	1151.4	1149.7	1148.0	1146.2	1146.4
170°	1151.5	1153.4	1155.4	1157.3	1159.3	1159.4	1157.9	1156.3	1154.8	1153.2	1153.1
172.5°	1154.9	1157.1	1159.2	1161.2	1163.4	1163.6	1162.1	1160.5	1159.0	1157.4	1157.3
175°	1159.3	1161.7	1164.0	1166.3	1168.6	1169.0	1167.2	1165.4	1163.7	1162.0	1161.7
177.5°	1162.2	1164.0	1165.9	1167.7	1169.6	1169.9	1168.6	1167.4	1166.1	1164.9	1164.6
180°	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5
2.5°	1171.0	1165.9	1163.3	1157.4	1150.5	1146.8	1143.5	1138.8	1132.5	1125.9	1121.1
5°	1230.4	1219.4	1205.7	1189.2	1174.6	1160.4	1148.0	1135.7	1121.5	1106.7	1092.1
7.5°	1291.4	1269.8	1246.5	1219.4	1193.2	1169.2	1147.3	1126.2	1102.3	1081.1	1061.6
10°	1333.9	1304.6	1272.0	1237.8	1203.4	1173.6	1144.4	1117.8	1088.5	1062.4	1040.3
12.5°	1368.3	1333.9	1294.8	1252.0	1210.7	1174.7	1141.0	1106.4	1073.1	1044.7	1015.5
15°	1425.5	1378.3	1325.7	1274.4	1220.8	1171.8	1126.4	1086.2	1048.2	1008.3	980.4
17.5°	1464.7	1408.8	1344.8	1283.1	1219.9	1162.1	1109.8	1061.8	1018.0	977.2	944.0
20°	1488.2	1426.4	1355.4	1285.4	1214.4	1152.5	1096.2	1043.1	997.8	953.8	919.5
22.5°	1501.4	1433.0	1355.4	1282.0	1208.5	1141.6	1079.8	1024.4	975.1	931.1	893.1
25°	1505.6	1432.4	1353.1	1268.9	1188.3	1117.3	1053.2	993.2	938.2	894.3	854.0
27.5°	1499.8	1413.5	1332.3	1245.9	1162.7	1087.9	1020.6	957.6	902.6	855.4	814.1
30°	1491.0	1398.4	1311.5	1221.7	1137.5	1065.6	994.5	934.1	876.9	827.9	786.3
32.5°	1471.9	1380.2	1286.5	1194.6	1109.2	1035.2	967.9	907.1	850.9	800.8	756.6
35°	1434.2	1341.3	1239.6	1145.2	1061.4	984.5	921.4	862.7	809.2	755.5	708.9
37.5°	1384.5	1289.5	1188.4	1085.0	1001.2	928.6	870.6	815.5	763.3	714.4	662.6
40°	1337.6	1251.0	1146.6	1044.0	957.9	887.9	834.3	784.4	731.8	683.2	631.5
42.5°	1280.7	1207.0	1101.6	998.6	913.6	846.1	796.3	747.4	699.5	652.5	598.5
45°	1186.0	1130.1	1031.2	932.3	846.7	779.8	734.0	691.0	648.8	604.0	553.2
47.5°	1077.4	1039.6	954.2	852.9	773.7	713.5	669.3	634.1	598.5	553.6	509.0
50°	1001.9	977.7	895.2	802.7	727.2	671.8	626.5	593.5	563.7	520.6	480.8
52.5°	921.4	908.4	838.8	750.4	677.3	623.0	584.3	554.7	524.5	488.8	451.5
55°	798.6	805.5	746.4	669.9	601.2	555.4	520.2	495.4	469.8	439.6	410.8
57.5°	673.1	698.2	658.6	591.4	527.0	484.7	458.2	437.4	415.9	390.8	366.2
60°	598.1	619.1	596.7	537.6	481.3	441.9	417.2	401.1	379.6	356.7	337.9
62.5°	524.8	547.3	534.0	486.3	434.0	400.1	378.3	363.4	347.4	327.4	307.9
65°	432.7	447.4	441.0	408.0	370.9	342.1	321.9	310.9	296.3	281.6	264.2
67.5°	331.4	359.7	356.0	338.5	306.4	283.9	270.7	261.0	247.6	236.8	224.9
70°	272.4	298.6	298.1	283.9	266.5	245.5	236.3	228.1	216.1	205.6	196.0
72.5°	223.0	246.9	250.5	239.6	227.6	211.7	202.9	197.3	185.7	178.5	170.7
75°	156.2	173.6	178.1	178.1	172.6	164.4	156.6	152.9	144.7	138.3	133.7
77.5°	102.4	113.4	120.5	122.2	123.0	120.3	113.8	111.2	105.0	102.6	98.2
80°	72.3	79.6	87.9	90.7	93.0	92.0	89.3	87.5	81.5	79.2	77.4
82.5°	50.0	54.1	60.8	66.8	66.2	68.6	66.2	64.7	60.3	59.4	57.6
85°	26.1	26.5	27.5	31.6	33.9	34.8	35.3	34.4	33.0	33.0	29.8
87.5°	12.0	11.4	11.8	11.4	11.4	12.4	13.0	13.0	12.3	11.6	10.9
90°	16.1	14.6	13.0	11.1	9.0	6.9	4.7	2.6	4.7	6.9	9.0
92.5°	15.4	13.9	12.3	11.5	11.4	11.2	11.1	11.0	11.1	11.2	11.4
95°	18.8	18.6	18.4	21.6	28.2	34.8	41.4	48.0	41.4	34.8	28.2
97.5°	66.3	87.9	109.6	118.3	114.3	110.1	106.0	101.9	106.0	110.1	114.3
100°	91.9	118.6	145.4	157.0	153.5	150.1	146.5	143.1	146.5	150.1	153.5
102.5°	191.9	195.4	198.9	199.3	196.8	194.2	191.7	189.2	191.7	194.2	196.8
105°	270.3	269.2	268.3	267.3	266.0	264.9	263.7	262.6	263.7	264.9	266.0
107.5°	336.7	335.4	334.1	333.1	332.5	331.9	331.4	330.8	331.4	331.9	332.5
110°	382.4	381.3	380.0	379.2	378.6	378.0	377.5	376.9	377.5	378.0	378.6



TEST NUMBER: P333063-935

CATALOG NUMBER: S124RDIW-S795D1050U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	427.6	427.1	426.5	425.7	424.6	423.6	422.6	421.5	422.6	423.6	424.6
115°	492.4	492.6	492.8	492.6	492.0	491.5	490.9	490.3	490.9	491.5	492.0
117.5°	556.7	556.3	555.9	555.3	554.5	553.7	552.9	552.2	552.9	553.7	554.5
120°	597.1	597.3	597.4	597.2	596.4	595.6	594.9	594.1	594.9	595.6	596.4
122.5°	635.9	635.7	635.4	635.0	634.6	634.0	633.6	633.2	633.6	634.0	634.6
125°	691.6	692.1	692.4	692.2	691.5	690.7	689.9	689.1	689.9	690.7	691.5
127.5°	745.3	744.4	743.5	743.0	742.8	742.6	742.4	742.2	742.4	742.6	742.8
130°	778.7	778.2	777.6	777.1	777.0	776.8	776.6	776.4	776.6	776.8	777.0
132.5°	811.2	810.5	809.8	809.2	808.8	808.5	808.1	807.8	808.1	808.5	808.8
135°	856.0	855.2	854.5	854.1	854.3	854.5	854.7	854.9	854.7	854.5	854.3
137.5°	899.1	898.2	897.3	896.9	896.8	896.7	896.6	896.6	896.6	896.7	896.8
140°	926.5	926.2	925.7	925.4	925.0	924.6	924.2	923.9	924.2	924.6	925.0
142.5°	951.9	951.7	951.5	951.1	950.4	949.6	948.9	948.2	948.9	949.6	950.4
145°	988.3	988.3	988.3	988.1	987.5	986.9	986.4	985.8	986.4	986.9	987.5
147.5°	1020.0	1020.2	1020.4	1019.9	1018.8	1017.8	1016.7	1015.5	1016.7	1017.8	1018.8
150°	1040.3	1040.4	1040.6	1040.3	1039.6	1038.8	1038.0	1037.2	1038.0	1038.8	1039.6
152.5°	1057.3	1057.7	1058.0	1057.8	1057.2	1056.6	1056.0	1055.3	1056.0	1056.6	1057.2
155°	1080.3	1080.8	1081.4	1081.6	1081.4	1081.2	1081.1	1080.8	1081.1	1081.2	1081.4
157.5°	1100.1	1100.8	1101.5	1101.8	1101.9	1102.1	1102.2	1102.3	1102.2	1102.1	1101.9
160°	1111.7	1112.0	1112.2	1112.5	1113.1	1113.7	1114.3	1114.8	1114.3	1113.7	1113.1
162.5°	1122.2	1122.4	1122.6	1123.1	1123.8	1124.6	1125.3	1126.0	1125.3	1124.6	1123.8
165°	1135.8	1135.8	1135.8	1136.3	1137.2	1138.2	1139.2	1140.1	1139.2	1138.2	1137.2
167.5°	1146.5	1146.6	1146.8	1147.3	1148.3	1149.3	1150.3	1151.3	1150.3	1149.3	1148.3
170°	1152.9	1152.6	1152.4	1153.0	1154.1	1155.3	1156.4	1157.6	1156.4	1155.3	1154.1
172.5°	1157.0	1156.8	1156.7	1157.1	1158.3	1159.4	1160.6	1161.7	1160.6	1159.4	1158.3
175°	1161.6	1161.4	1161.2	1161.7	1162.9	1164.0	1165.2	1166.3	1165.2	1164.0	1162.9
177.5°	1164.3	1164.0	1163.7	1164.1	1165.2	1166.2	1167.3	1168.4	1167.3	1166.2	1165.2
180°	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3



TEST NUMBER: P333063-935

CATALOG NUMBER: S124RDIW-S795D1050U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5
2.5°	1116.0	1112.3	1107.6	1102.1	1095.5	1089.7	1087.1	1089.3	1090.4	1087.4	1087.1
5°	1082.0	1070.6	1061.4	1047.7	1036.7	1027.5	1021.1	1018.4	1019.3	1012.0	1010.1
7.5°	1043.9	1030.3	1015.3	999.0	983.8	970.3	963.3	959.4	951.7	948.3	942.7
10°	1019.3	1001.0	986.4	967.1	949.7	933.7	925.9	919.5	911.7	908.0	900.3
12.5°	994.0	972.8	956.7	936.7	918.9	899.6	892.2	880.3	868.1	860.4	850.4
15°	958.4	932.8	913.1	889.2	868.2	846.2	826.6	804.5	796.3	778.9	768.9
17.5°	916.7	890.7	866.3	834.4	801.9	774.6	753.6	732.5	720.0	708.9	703.7
20°	889.2	865.5	831.6	794.4	758.3	728.1	711.1	697.4	683.6	675.9	670.4
22.5°	863.2	832.8	793.5	753.5	717.3	693.6	679.2	665.1	654.0	646.6	639.2
25°	819.7	779.8	738.1	692.3	667.6	647.0	631.5	620.0	613.1	603.6	599.9
27.5°	774.9	726.6	680.6	649.9	624.1	605.3	591.7	583.1	574.4	568.3	563.5
30°	740.5	691.5	650.2	621.0	594.9	579.3	568.3	558.2	551.3	546.3	542.6
32.5°	706.4	657.4	622.8	591.2	570.7	555.4	543.7	536.2	530.8	524.3	522.1
35°	657.1	613.6	583.4	555.0	533.9	520.2	511.0	503.3	498.7	496.8	495.4
37.5°	609.8	574.1	541.7	518.3	499.6	488.8	477.9	474.2	471.0	467.7	469.2
40°	579.7	546.3	517.5	492.8	477.6	465.7	459.3	454.7	451.9	451.9	451.9
42.5°	553.7	521.0	492.9	470.7	455.6	445.6	438.4	434.5	433.6	433.3	435.5
45°	513.3	483.1	454.7	436.4	423.5	413.5	409.4	406.1	406.1	408.0	408.5
47.5°	473.3	445.0	422.2	401.7	389.9	383.7	380.0	378.4	378.6	380.5	382.5
50°	448.8	420.9	398.4	380.0	369.1	363.1	359.9	359.0	359.9	359.9	363.1
52.5°	422.0	397.0	375.0	359.6	347.1	341.5	339.8	338.5	339.1	340.5	341.9
55°	382.8	360.4	339.3	324.7	315.5	311.9	307.7	308.2	307.3	308.2	308.2
57.5°	343.5	323.4	303.8	292.1	284.1	278.8	274.3	275.6	274.2	274.1	273.3
60°	318.2	296.3	280.7	270.2	261.0	256.4	252.3	253.2	251.8	250.9	249.1
62.5°	290.8	272.4	257.6	247.5	240.1	234.8	230.7	229.8	226.6	223.4	219.5
65°	250.9	235.8	222.6	212.9	206.0	201.9	198.7	196.0	189.1	181.8	178.1
67.5°	212.2	201.3	188.9	180.8	175.2	169.8	163.7	159.0	152.6	148.5	146.3
70°	187.3	176.8	166.3	158.4	152.5	147.5	140.6	137.4	132.8	131.0	128.6
72.5°	163.5	153.7	143.9	136.8	130.5	126.6	121.1	118.0	116.0	115.2	113.0
75°	127.3	119.5	112.2	105.8	100.7	98.0	95.7	93.4	92.5	88.3	86.1
77.5°	92.9	87.7	83.2	78.6	75.0	73.2	68.8	66.1	64.6	62.7	62.2
80°	72.3	68.7	64.1	61.4	56.3	54.5	52.7	52.2	51.7	51.3	50.8
82.5°	54.4	50.7	46.1	44.5	43.1	42.0	40.9	40.5	40.0	40.3	40.2
85°	27.5	25.7	25.7	25.2	24.7	24.3	23.8	23.8	23.3	23.8	23.3
87.5°	11.4	11.4	11.7	11.3	12.0	12.2	12.1	12.4	13.0	12.5	12.7
90°	11.1	13.0	14.6	16.1	17.7	19.2	20.3	21.5	22.6	23.8	24.6
92.5°	11.5	12.3	13.9	15.4	17.0	18.5	19.6	20.8	22.0	23.2	23.8
95°	21.6	18.4	18.6	18.8	19.0	19.2	20.3	21.5	22.6	23.8	24.5
97.5°	118.3	109.6	87.9	66.3	44.7	23.0	23.2	23.2	23.4	23.5	23.7
100°	157.0	145.4	118.6	91.9	65.2	38.4	35.1	31.8	28.5	25.2	23.7
102.5°	199.3	198.9	195.4	191.9	188.4	184.9	149.4	113.8	78.3	42.7	25.0
105°	267.3	268.3	269.2	270.3	271.2	272.2	273.9	275.7	277.4	279.1	276.6
107.5°	333.1	334.1	335.4	336.7	338.0	339.3	340.2	341.0	341.9	342.8	343.5
110°	379.2	380.0	381.3	382.4	383.6	384.7	385.1	385.5	385.9	386.2	386.8



TEST NUMBER: P333063-935

CATALOG NUMBER: S124RDIW-S795D1050U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	425.7	426.5	427.1	427.6	428.1	428.7	428.6	428.5	428.4	428.3	428.7
115°	492.6	492.8	492.6	492.4	492.2	492.0	492.4	492.8	493.2	493.5	493.8
117.5°	555.3	555.9	556.3	556.7	557.2	557.6	557.5	557.4	557.4	557.3	557.2
120°	597.2	597.4	597.3	597.1	596.8	596.7	597.1	597.4	597.9	598.2	598.2
122.5°	635.0	635.4	635.7	635.9	636.2	636.5	636.7	637.0	637.1	637.4	637.3
125°	692.2	692.4	692.1	691.6	691.3	690.9	691.5	692.1	692.7	693.2	693.6
127.5°	743.0	743.5	744.4	745.3	746.1	747.1	747.0	746.8	746.7	746.6	746.5
130°	777.1	777.6	778.2	778.7	779.3	779.9	780.1	780.2	780.5	780.7	780.8
132.5°	809.2	809.8	810.5	811.2	811.9	812.7	812.9	813.0	813.3	813.5	813.5
135°	854.1	854.5	855.2	856.0	856.8	857.6	857.9	858.3	858.7	859.1	859.5
137.5°	896.9	897.3	898.2	899.1	899.9	900.8	901.2	901.6	902.1	902.5	902.7
140°	925.4	925.7	926.2	926.5	927.0	927.3	927.9	928.5	929.0	929.6	930.1
142.5°	951.1	951.5	951.7	951.9	952.2	952.4	952.9	953.3	953.7	954.2	954.3
145°	988.1	988.3	988.3	988.3	988.3	988.3	988.6	988.8	988.9	989.1	989.5
147.5°	1019.9	1020.4	1020.2	1020.0	1019.8	1019.6	1019.8	1019.9	1020.0	1020.2	1020.4
150°	1040.3	1040.6	1040.4	1040.3	1040.0	1039.8	1039.8	1039.8	1039.8	1039.8	1039.9
152.5°	1057.8	1058.0	1057.7	1057.3	1057.0	1056.6	1056.9	1057.2	1057.5	1057.8	1057.9
155°	1081.6	1081.4	1080.8	1080.3	1079.7	1079.1	1079.9	1080.6	1081.4	1082.2	1082.3
157.5°	1101.8	1101.5	1100.8	1100.1	1099.5	1098.8	1099.8	1100.8	1101.8	1102.9	1102.9
160°	1112.5	1112.2	1112.0	1111.7	1111.6	1111.4	1112.5	1113.7	1114.8	1116.0	1116.0
162.5°	1123.1	1122.6	1122.4	1122.2	1122.1	1121.8	1123.0	1124.1	1125.3	1126.4	1126.4
165°	1136.3	1135.8	1135.8	1135.8	1135.8	1135.8	1137.4	1138.9	1140.5	1142.0	1141.9
167.5°	1147.3	1146.8	1146.6	1146.5	1146.4	1146.2	1148.0	1149.7	1151.4	1153.1	1153.0
170°	1153.0	1152.4	1152.6	1152.9	1153.1	1153.2	1154.8	1156.3	1157.9	1159.4	1159.3
172.5°	1157.1	1156.7	1156.8	1157.0	1157.3	1157.4	1159.0	1160.5	1162.1	1163.6	1163.4
175°	1161.7	1161.2	1161.4	1161.6	1161.7	1162.0	1163.7	1165.4	1167.2	1169.0	1168.6
177.5°	1164.1	1163.7	1164.0	1164.3	1164.6	1164.9	1166.1	1167.4	1168.6	1169.9	1169.6
180°	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3



TEST NUMBER: P333063-935

CATALOG NUMBER: S124RDIW-S795D1050U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5
2.5°	1084.9	1085.6	1083.1	1082.3	1083.1	1085.6	1084.9	1087.1	1087.4	1090.4	1089.3
5°	1006.5	1005.6	1003.3	1003.8	1003.3	1005.6	1006.5	1010.1	1012.0	1019.3	1018.4
7.5°	939.4	935.9	936.9	933.2	936.9	935.9	939.4	942.7	948.3	951.7	959.4
10°	898.5	893.4	889.2	885.6	889.2	893.4	898.5	900.3	908.0	911.7	919.5
12.5°	842.4	838.1	832.5	833.6	832.5	838.1	842.4	850.4	860.4	868.1	880.3
15°	762.8	756.0	745.0	746.4	745.0	756.0	762.8	768.9	778.9	796.3	804.5
17.5°	695.6	695.7	690.6	691.8	690.6	695.7	695.6	703.7	708.9	720.0	732.5
20°	660.7	657.5	658.0	656.7	658.0	657.5	660.7	670.4	675.9	683.6	697.4
22.5°	636.6	632.7	629.5	626.6	629.5	632.7	636.6	639.2	646.6	654.0	665.1
25°	595.7	593.0	588.8	588.0	588.8	593.0	595.7	599.9	603.6	613.1	620.0
27.5°	559.8	559.3	557.7	555.5	557.7	559.3	559.8	563.5	568.3	574.4	583.1
30°	539.0	538.0	537.1	535.7	537.1	538.0	539.0	542.6	546.3	551.3	558.2
32.5°	520.3	519.7	518.8	518.9	518.8	519.7	520.3	522.1	524.3	530.8	536.2
35°	493.6	493.2	492.2	491.8	492.2	493.2	493.6	495.4	496.8	498.7	503.3
37.5°	468.7	469.9	469.3	469.2	469.3	469.9	468.7	469.2	467.7	471.0	474.2
40°	451.5	451.9	452.9	452.5	452.9	451.9	451.5	451.9	451.9	451.9	454.7
42.5°	437.2	437.3	438.6	437.0	438.6	437.3	437.2	435.5	433.3	433.6	434.5
45°	411.6	414.4	414.0	414.0	414.0	414.4	411.6	408.5	408.0	406.1	406.1
47.5°	383.7	386.1	386.8	386.7	386.8	386.1	383.7	382.5	380.5	378.6	378.4
50°	365.4	364.5	365.8	365.4	365.8	364.5	365.4	363.1	359.9	359.9	359.0
52.5°	343.1	343.3	343.2	342.7	343.2	343.3	343.1	341.9	340.5	339.1	338.5
55°	308.7	309.1	308.2	308.7	308.2	309.1	308.7	308.2	308.2	307.3	308.2
57.5°	271.3	269.1	270.0	268.9	270.0	269.1	271.3	273.3	274.1	274.2	275.6
60°	244.5	240.8	240.0	238.2	240.0	240.8	244.5	249.1	250.9	251.8	253.2
62.5°	214.5	211.9	208.8	210.3	208.8	211.9	214.5	219.5	223.4	226.6	229.8
65°	174.4	172.6	171.3	173.1	171.3	172.6	174.4	178.1	181.8	189.1	196.0
67.5°	144.4	143.4	143.4	142.5	143.4	143.4	144.4	146.3	148.5	152.6	159.0
70°	128.6	127.3	127.3	126.4	127.3	127.3	128.6	128.6	131.0	132.8	137.4
72.5°	112.5	111.2	111.6	111.0	111.6	111.2	112.5	113.0	115.2	116.0	118.0
75°	83.3	81.0	81.0	81.5	81.0	81.0	83.3	86.1	88.3	92.5	93.4
77.5°	62.2	61.7	62.3	61.6	62.3	61.7	62.2	62.2	62.7	64.6	66.1
80°	50.8	50.4	49.9	51.3	49.9	50.4	50.8	50.8	51.3	51.7	52.2
82.5°	39.4	39.3	39.3	41.1	39.3	39.3	39.4	40.2	40.3	40.0	40.5
85°	23.8	22.9	23.8	22.9	23.8	22.9	23.8	23.3	23.8	23.3	23.8
87.5°	13.4	13.2	12.8	13.3	12.8	13.2	13.4	12.7	12.5	13.0	12.4
90°	25.0	25.4	25.7	26.2	25.7	25.4	25.0	24.6	23.8	22.6	21.5
92.5°	23.8	23.9	24.0	24.1	24.0	23.9	23.8	23.8	23.2	22.0	20.8
95°	24.7	24.9	25.1	25.3	25.1	24.9	24.7	24.5	23.8	22.6	21.5
97.5°	23.8	24.0	24.2	24.5	24.2	24.0	23.8	23.7	23.5	23.4	23.2
100°	23.8	24.0	24.2	24.5	24.2	24.0	23.8	23.7	25.2	28.5	31.8
102.5°	25.0	25.1	25.1	25.1	25.1	25.1	25.0	25.0	42.7	78.3	113.8
105°	269.6	262.6	255.6	248.7	255.6	262.6	269.6	276.6	279.1	277.4	275.7
107.5°	344.3	345.0	345.8	346.5	345.8	345.0	344.3	343.5	342.8	341.9	341.0
110°	387.4	387.9	388.5	389.1	388.5	387.9	387.4	386.8	386.2	385.9	385.5



TEST NUMBER: P333063-935

CATALOG NUMBER: S124RDIW-S795D1050U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	429.5	430.2	430.9	431.6	430.9	430.2	429.5	428.7	428.3	428.4	428.5
115°	493.8	493.8	493.8	493.8	493.8	493.8	493.8	493.8	493.5	493.2	492.8
117.5°	557.2	557.1	557.0	556.9	557.0	557.1	557.2	557.2	557.3	557.4	557.4
120°	597.9	597.4	597.1	596.7	597.1	597.4	597.9	598.2	598.2	597.9	597.4
122.5°	637.0	636.5	636.2	635.8	636.2	636.5	637.0	637.3	637.4	637.1	637.0
125°	693.8	694.0	694.2	694.4	694.2	694.0	693.8	693.6	693.2	692.7	692.1
127.5°	746.3	746.1	746.0	745.9	746.0	746.1	746.3	746.5	746.6	746.7	746.8
130°	780.8	780.8	780.8	780.8	780.8	780.8	780.8	780.8	780.7	780.5	780.2
132.5°	813.3	813.1	813.0	812.9	813.0	813.1	813.3	813.5	813.5	813.3	813.0
135°	859.9	860.2	860.7	861.0	860.7	860.2	859.9	859.5	859.1	858.7	858.3
137.5°	902.5	902.4	902.3	902.2	902.3	902.4	902.5	902.7	902.5	902.1	901.6
140°	930.2	930.4	930.6	930.8	930.6	930.4	930.2	930.1	929.6	929.0	928.5
142.5°	954.4	954.4	954.5	954.5	954.5	954.4	954.4	954.3	954.2	953.7	953.3
145°	989.8	990.2	990.6	991.0	990.6	990.2	989.8	989.5	989.1	988.9	988.8
147.5°	1020.6	1020.8	1021.0	1021.1	1021.0	1020.8	1020.6	1020.4	1020.2	1020.0	1019.9
150°	1040.1	1040.3	1040.5	1040.7	1040.5	1040.3	1040.1	1039.9	1039.8	1039.8	1039.8
152.5°	1057.8	1057.7	1057.6	1057.5	1057.6	1057.7	1057.8	1057.9	1057.8	1057.5	1057.2
155°	1081.7	1081.2	1080.6	1080.0	1080.6	1081.2	1081.7	1082.3	1082.2	1081.4	1080.6
157.5°	1101.8	1100.8	1099.8	1098.8	1099.8	1100.8	1101.8	1102.9	1102.9	1101.8	1100.8
160°	1114.8	1113.7	1112.5	1111.4	1112.5	1113.7	1114.8	1116.0	1116.0	1114.8	1113.7
162.5°	1125.1	1123.8	1122.5	1121.1	1122.5	1123.8	1125.1	1126.4	1126.4	1125.3	1124.1
165°	1140.1	1138.4	1136.7	1134.9	1136.7	1138.4	1140.1	1141.9	1142.0	1140.5	1138.9
167.5°	1151.1	1149.1	1147.2	1145.2	1147.2	1149.1	1151.1	1153.0	1153.1	1151.4	1149.7
170°	1157.3	1155.4	1153.4	1151.5	1153.4	1155.4	1157.3	1159.3	1159.4	1157.9	1156.3
172.5°	1161.2	1159.2	1157.1	1154.9	1157.1	1159.2	1161.2	1163.4	1163.6	1162.1	1160.5
175°	1166.3	1164.0	1161.7	1159.3	1161.7	1164.0	1166.3	1168.6	1169.0	1167.2	1165.4
177.5°	1167.7	1165.9	1164.0	1162.2	1164.0	1165.9	1167.7	1169.6	1169.9	1168.6	1167.4
180°	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3



TEST NUMBER: P333063-935

CATALOG NUMBER: S124RDIW-S795D1050U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5
2.5°	1087.1	1089.7	1095.5	1102.1	1107.6	1112.3	1116.0	1121.1	1125.9	1132.5	1138.8
5°	1021.1	1027.5	1036.7	1047.7	1061.4	1070.6	1082.0	1092.1	1106.7	1121.5	1135.7
7.5°	963.3	970.3	983.8	999.0	1015.3	1030.3	1043.9	1061.6	1081.1	1102.3	1126.2
10°	925.9	933.7	949.7	967.1	986.4	1001.0	1019.3	1040.3	1062.4	1088.5	1117.8
12.5°	892.2	899.6	918.9	936.7	956.7	972.8	994.0	1015.5	1044.7	1073.1	1106.4
15°	826.6	846.2	868.2	889.2	913.1	932.8	958.4	980.4	1008.3	1048.2	1086.2
17.5°	753.6	774.6	801.9	834.4	866.3	890.7	916.7	944.0	977.2	1018.0	1061.8
20°	711.1	728.1	758.3	794.4	831.6	865.5	889.2	919.5	953.8	997.8	1043.1
22.5°	679.2	693.6	717.3	753.5	793.5	832.8	863.2	893.1	931.1	975.1	1024.4
25°	631.5	647.0	667.6	692.3	738.1	779.8	819.7	854.0	894.3	938.2	993.2
27.5°	591.7	605.3	624.1	649.9	680.6	726.6	774.9	814.1	855.4	902.6	957.6
30°	568.3	579.3	594.9	621.0	650.2	691.5	740.5	786.3	827.9	876.9	934.1
32.5°	543.7	555.4	570.7	591.2	622.8	657.4	706.4	756.6	800.8	850.9	907.1
35°	511.0	520.2	533.9	555.0	583.4	613.6	657.1	708.9	755.5	809.2	862.7
37.5°	477.9	488.8	499.6	518.3	541.7	574.1	609.8	662.6	714.4	763.3	815.5
40°	459.3	465.7	477.6	492.8	517.5	546.3	579.7	631.5	683.2	731.8	784.4
42.5°	438.4	445.6	455.6	470.7	492.9	521.0	553.7	598.5	652.5	699.5	747.4
45°	409.4	413.5	423.5	436.4	454.7	483.1	513.3	553.2	604.0	648.8	691.0
47.5°	380.0	383.7	389.9	401.7	422.2	445.0	473.3	509.0	553.6	598.5	634.1
50°	359.9	363.1	369.1	380.0	398.4	420.9	448.8	480.8	520.6	563.7	593.5
52.5°	339.8	341.5	347.1	359.6	375.0	397.0	422.0	451.5	488.8	524.5	554.7
55°	307.7	311.9	315.5	324.7	339.3	360.4	382.8	410.8	439.6	469.8	495.4
57.5°	274.3	278.8	284.1	292.1	303.8	323.4	343.5	366.2	390.8	415.9	437.4
60°	252.3	256.4	261.0	270.2	280.7	296.3	318.2	337.9	356.7	379.6	401.1
62.5°	230.7	234.8	240.1	247.5	257.6	272.4	290.8	307.9	327.4	347.4	363.4
65°	198.7	201.9	206.0	212.9	222.6	235.8	250.9	264.2	281.6	296.3	310.9
67.5°	163.7	169.8	175.2	180.8	188.9	201.3	212.2	224.9	236.8	247.6	261.0
70°	140.6	147.5	152.5	158.4	166.3	176.8	187.3	196.0	205.6	216.1	228.1
72.5°	121.1	126.6	130.5	136.8	143.9	153.7	163.5	170.7	178.5	185.7	197.3
75°	95.7	98.0	100.7	105.8	112.2	119.5	127.3	133.7	138.3	144.7	152.9
77.5°	68.8	73.2	75.0	78.6	83.2	87.7	92.9	98.2	102.6	105.0	111.2
80°	52.7	54.5	56.3	61.4	64.1	68.7	72.3	77.4	79.2	81.5	87.5
82.5°	40.9	42.0	43.1	44.5	46.1	50.7	54.4	57.6	59.4	60.3	64.7
85°	23.8	24.3	24.7	25.2	25.7	25.7	27.5	29.8	33.0	33.0	34.4
87.5°	12.1	12.2	12.0	11.3	11.7	11.4	11.4	10.9	11.6	12.3	13.0
90°	20.3	19.2	17.7	16.1	14.6	13.0	11.1	9.0	6.9	4.7	2.6
92.5°	19.6	18.5	17.0	15.4	13.9	12.3	11.5	11.4	11.2	11.1	11.0
95°	20.3	19.2	19.0	18.8	18.6	18.4	21.6	28.2	34.8	41.4	48.0
97.5°	23.2	23.0	44.7	66.3	87.9	109.6	118.3	114.3	110.1	106.0	101.9
100°	35.1	38.4	65.2	91.9	118.6	145.4	157.0	153.5	150.1	146.5	143.1
102.5°	149.4	184.9	188.4	191.9	195.4	198.9	199.3	196.8	194.2	191.7	189.2
105°	273.9	272.2	271.2	270.3	269.2	268.3	267.3	266.0	264.9	263.7	262.6
107.5°	340.2	339.3	338.0	336.7	335.4	334.1	333.1	332.5	331.9	331.4	330.8
110°	385.1	384.7	383.6	382.4	381.3	380.0	379.2	378.6	378.0	377.5	376.9



TEST NUMBER: P333063-935

CATALOG NUMBER: S124RDIW-S795D1050U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	428.6	428.7	428.1	427.6	427.1	426.5	425.7	424.6	423.6	422.6	421.5
115°	492.4	492.0	492.2	492.4	492.6	492.8	492.6	492.0	491.5	490.9	490.3
117.5°	557.5	557.6	557.2	556.7	556.3	555.9	555.3	554.5	553.7	552.9	552.2
120°	597.1	596.7	596.8	597.1	597.3	597.4	597.2	596.4	595.6	594.9	594.1
122.5°	636.7	636.5	636.2	635.9	635.7	635.4	635.0	634.6	634.0	633.6	633.2
125°	691.5	690.9	691.3	691.6	692.1	692.4	692.2	691.5	690.7	689.9	689.1
127.5°	747.0	747.1	746.1	745.3	744.4	743.5	743.0	742.8	742.6	742.4	742.2
130°	780.1	779.9	779.3	778.7	778.2	777.6	777.1	777.0	776.8	776.6	776.4
132.5°	812.9	812.7	811.9	811.2	810.5	809.8	809.2	808.8	808.5	808.1	807.8
135°	857.9	857.6	856.8	856.0	855.2	854.5	854.1	854.3	854.5	854.7	854.9
137.5°	901.2	900.8	899.9	899.1	898.2	897.3	896.9	896.8	896.7	896.6	896.6
140°	927.9	927.3	927.0	926.5	926.2	925.7	925.4	925.0	924.6	924.2	923.9
142.5°	952.9	952.4	952.2	951.9	951.7	951.5	951.1	950.4	949.6	948.9	948.2
145°	988.6	988.3	988.3	988.3	988.3	988.3	988.1	987.5	986.9	986.4	985.8
147.5°	1019.8	1019.6	1019.8	1020.0	1020.2	1020.4	1019.9	1018.8	1017.8	1016.7	1015.5
150°	1039.8	1039.8	1040.0	1040.3	1040.4	1040.6	1040.3	1039.6	1038.8	1038.0	1037.2
152.5°	1056.9	1056.6	1057.0	1057.3	1057.7	1058.0	1057.8	1057.2	1056.6	1056.0	1055.3
155°	1079.9	1079.1	1079.7	1080.3	1080.8	1081.4	1081.6	1081.4	1081.2	1081.1	1080.8
157.5°	1099.8	1098.8	1099.5	1100.1	1100.8	1101.5	1101.8	1101.9	1102.1	1102.2	1102.3
160°	1112.5	1111.4	1111.6	1111.7	1112.0	1112.2	1112.5	1113.1	1113.7	1114.3	1114.8
162.5°	1123.0	1121.8	1122.1	1122.2	1122.4	1122.6	1123.1	1123.8	1124.6	1125.3	1126.0
165°	1137.4	1135.8	1135.8	1135.8	1135.8	1135.8	1136.3	1137.2	1138.2	1139.2	1140.1
167.5°	1148.0	1146.2	1146.4	1146.5	1146.6	1146.8	1147.3	1148.3	1149.3	1150.3	1151.3
170°	1154.8	1153.2	1153.1	1152.9	1152.6	1152.4	1153.0	1154.1	1155.3	1156.4	1157.6
172.5°	1159.0	1157.4	1157.3	1157.0	1156.8	1156.7	1157.1	1158.3	1159.4	1160.6	1161.7
175°	1163.7	1162.0	1161.7	1161.6	1161.4	1161.2	1161.7	1162.9	1164.0	1165.2	1166.3
177.5°	1166.1	1164.9	1164.6	1164.3	1164.0	1163.7	1164.1	1165.2	1166.2	1167.3	1168.4
180°	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3



TEST NUMBER: P333063-935

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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5
2.5°	1143.5	1146.8	1150.5	1157.4	1163.3	1165.9	1171.0	1174.7	1173.5	1178.6	1187.5
5°	1148.0	1160.4	1174.6	1189.2	1205.7	1219.4	1230.4	1241.4	1250.1	1260.6	1276.2
7.5°	1147.3	1169.2	1193.2	1219.4	1246.5	1269.8	1291.4	1313.4	1332.9	1354.3	1382.2
10°	1144.4	1173.6	1203.4	1237.8	1272.0	1304.6	1333.9	1361.4	1387.5	1415.4	1450.7
12.5°	1141.0	1174.7	1210.7	1252.0	1294.8	1333.9	1368.3	1407.9	1440.6	1476.6	1517.3
15°	1126.4	1171.8	1220.8	1274.4	1325.7	1378.3	1425.5	1474.0	1519.3	1562.4	1613.7
17.5°	1109.8	1162.1	1219.9	1283.1	1344.8	1408.8	1464.7	1526.0	1572.3	1630.0	1677.7
20°	1096.2	1152.5	1214.4	1285.4	1355.4	1426.4	1488.2	1550.5	1602.7	1660.9	1721.3
22.5°	1079.8	1141.6	1208.5	1282.0	1355.4	1433.0	1501.4	1563.3	1628.0	1693.4	1755.8
25°	1053.2	1117.3	1188.3	1268.9	1353.1	1432.4	1505.6	1582.5	1652.2	1723.1	1779.0
27.5°	1020.6	1087.9	1162.7	1245.9	1332.3	1413.5	1499.8	1581.7	1651.7	1720.1	1768.8
30°	994.5	1065.6	1137.5	1221.7	1311.5	1398.4	1491.0	1573.0	1646.7	1708.1	1735.5
32.5°	967.9	1035.2	1109.2	1194.6	1286.5	1380.2	1471.9	1555.7	1623.9	1660.8	1661.5
35°	921.4	984.5	1061.4	1145.2	1239.6	1341.3	1434.2	1516.6	1558.2	1561.5	1516.6
37.5°	870.6	928.6	1001.2	1085.0	1188.4	1289.5	1384.5	1439.4	1453.3	1406.7	1323.7
40°	834.3	887.9	957.9	1044.0	1146.6	1251.0	1337.6	1377.9	1363.2	1287.6	1195.2
42.5°	796.3	846.1	913.6	998.6	1101.6	1207.0	1280.7	1302.4	1263.6	1176.3	1068.1
45°	734.0	779.8	846.7	932.3	1031.2	1130.1	1186.0	1175.0	1110.4	1006.9	885.6
47.5°	669.3	713.5	773.7	852.9	954.2	1039.6	1077.4	1044.2	952.4	838.5	739.8
50°	626.5	671.8	727.2	802.7	895.2	977.7	1001.9	951.6	849.5	739.9	649.3
52.5°	584.3	623.0	677.3	750.4	838.8	908.4	921.4	863.2	757.9	659.8	579.4
55°	520.2	555.4	601.2	669.9	746.4	805.5	798.6	723.9	628.3	544.5	481.3
57.5°	458.2	484.7	527.0	591.4	658.6	698.2	673.1	609.5	520.3	451.7	398.4
60°	417.2	441.9	481.3	537.6	596.7	619.1	598.1	528.9	458.4	395.6	350.8
62.5°	378.3	400.1	434.0	486.3	534.0	547.3	524.8	464.4	400.9	347.2	310.1
65°	321.9	342.1	370.9	408.0	441.0	447.4	432.7	370.9	322.8	277.9	252.3
67.5°	270.7	283.9	306.4	338.5	356.0	359.7	331.4	292.6	250.2	222.7	203.3
70°	236.3	245.5	266.5	283.9	298.1	298.6	272.4	241.3	208.8	186.4	172.2
72.5°	202.9	211.7	227.6	239.6	250.5	246.9	223.0	198.5	172.2	155.2	144.7
75°	156.6	164.4	172.6	178.1	178.1	173.6	156.2	137.8	122.7	112.6	109.4
77.5°	113.8	120.3	123.0	122.2	120.5	113.4	102.4	90.4	85.0	80.2	77.8
80°	89.3	92.0	93.0	90.7	87.9	79.6	72.3	67.3	62.3	60.4	59.5
82.5°	66.2	68.6	66.2	66.8	60.8	54.1	50.0	48.3	46.1	45.5	44.5
85°	35.3	34.8	33.9	31.6	27.5	26.5	26.1	25.7	24.7	25.2	24.3
87.5°	13.0	12.4	11.4	11.4	11.8	11.4	12.0	12.3	12.7	12.5	13.4
90°	4.7	6.9	9.0	11.1	13.0	14.6	16.1	17.7	19.2	20.3	21.5
92.5°	11.1	11.2	11.4	11.5	12.3	13.9	15.4	17.0	18.5	19.6	20.8
95°	41.4	34.8	28.2	21.6	18.4	18.6	18.8	19.0	19.2	20.3	21.5
97.5°	106.0	110.1	114.3	118.3	109.6	87.9	66.3	44.7	23.0	23.2	23.2
100°	146.5	150.1	153.5	157.0	145.4	118.6	91.9	65.2	38.4	35.1	31.8
102.5°	191.7	194.2	196.8	199.3	198.9	195.4	191.9	188.4	184.9	149.4	113.8
105°	263.7	264.9	266.0	267.3	268.3	269.2	270.3	271.2	272.2	273.9	275.7
107.5°	331.4	331.9	332.5	333.1	334.1	335.4	336.7	338.0	339.3	340.2	341.0
110°	377.5	378.0	378.6	379.2	380.0	381.3	382.4	383.6	384.7	385.1	385.5



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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	422.6	423.6	424.6	425.7	426.5	427.1	427.6	428.1	428.7	428.6	428.5
115°	490.9	491.5	492.0	492.6	492.8	492.6	492.4	492.2	492.0	492.4	492.8
117.5°	552.9	553.7	554.5	555.3	555.9	556.3	556.7	557.2	557.6	557.5	557.4
120°	594.9	595.6	596.4	597.2	597.4	597.3	597.1	596.8	596.7	597.1	597.4
122.5°	633.6	634.0	634.6	635.0	635.4	635.7	635.9	636.2	636.5	636.7	637.0
125°	689.9	690.7	691.5	692.2	692.4	692.1	691.6	691.3	690.9	691.5	692.1
127.5°	742.4	742.6	742.8	743.0	743.5	744.4	745.3	746.1	747.1	747.0	746.8
130°	776.6	776.8	777.0	777.1	777.6	778.2	778.7	779.3	779.9	780.1	780.2
132.5°	808.1	808.5	808.8	809.2	809.8	810.5	811.2	811.9	812.7	812.9	813.0
135°	854.7	854.5	854.3	854.1	854.5	855.2	856.0	856.8	857.6	857.9	858.3
137.5°	896.6	896.7	896.8	896.9	897.3	898.2	899.1	899.9	900.8	901.2	901.6
140°	924.2	924.6	925.0	925.4	925.7	926.2	926.5	927.0	927.3	927.9	928.5
142.5°	948.9	949.6	950.4	951.1	951.5	951.7	951.9	952.2	952.4	952.9	953.3
145°	986.4	986.9	987.5	988.1	988.3	988.3	988.3	988.3	988.3	988.6	988.8
147.5°	1016.7	1017.8	1018.8	1019.9	1020.4	1020.2	1020.0	1019.8	1019.6	1019.8	1019.9
150°	1038.0	1038.8	1039.6	1040.3	1040.6	1040.4	1040.3	1040.0	1039.8	1039.8	1039.8
152.5°	1056.0	1056.6	1057.2	1057.8	1058.0	1057.7	1057.3	1057.0	1056.6	1056.9	1057.2
155°	1081.1	1081.2	1081.4	1081.6	1081.4	1080.8	1080.3	1079.7	1079.1	1079.9	1080.6
157.5°	1102.2	1102.1	1101.9	1101.8	1101.5	1100.8	1100.1	1099.5	1098.8	1099.8	1100.8
160°	1114.3	1113.7	1113.1	1112.5	1112.2	1112.0	1111.7	1111.6	1111.4	1112.5	1113.7
162.5°	1125.3	1124.6	1123.8	1123.1	1122.6	1122.4	1122.2	1122.1	1121.8	1123.0	1124.1
165°	1139.2	1138.2	1137.2	1136.3	1135.8	1135.8	1135.8	1135.8	1135.8	1137.4	1138.9
167.5°	1150.3	1149.3	1148.3	1147.3	1146.8	1146.6	1146.5	1146.4	1146.2	1148.0	1149.7
170°	1156.4	1155.3	1154.1	1153.0	1152.4	1152.6	1152.9	1153.1	1153.2	1154.8	1156.3
172.5°	1160.6	1159.4	1158.3	1157.1	1156.7	1156.8	1157.0	1157.3	1157.4	1159.0	1160.5
175°	1165.2	1164.0	1162.9	1161.7	1161.2	1161.4	1161.6	1161.7	1162.0	1163.7	1165.4
177.5°	1167.3	1166.2	1165.2	1164.1	1163.7	1164.0	1164.3	1164.6	1164.9	1166.1	1167.4
180°	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5	1136.5
2.5°	1192.2	1193.7	1194.8	1198.4	1198.8	1202.1	1198.8
5°	1290.8	1297.3	1307.3	1317.4	1318.4	1324.7	1313.3
7.5°	1401.4	1416.3	1425.6	1441.8	1448.3	1452.3	1445.7
10°	1477.6	1491.4	1515.7	1527.6	1539.5	1541.4	1535.9
12.5°	1551.3	1573.1	1592.2	1614.8	1614.2	1630.4	1624.4
15°	1649.4	1671.8	1698.4	1723.5	1732.8	1732.8	1740.1
17.5°	1719.3	1760.5	1788.0	1807.8	1829.4	1833.1	1830.6
20°	1766.6	1811.0	1840.4	1866.0	1880.7	1884.7	1884.7
22.5°	1801.8	1839.6	1868.2	1891.3	1903.3	1908.2	1906.8
25°	1826.2	1858.6	1876.0	1882.9	1886.1	1885.2	1876.5
27.5°	1792.8	1791.3	1780.4	1759.3	1743.4	1733.8	1722.9
30°	1729.1	1705.3	1677.8	1647.5	1608.6	1578.9	1569.7
32.5°	1634.2	1580.7	1534.2	1483.8	1442.0	1412.2	1399.7
35°	1450.7	1366.0	1296.8	1236.4	1192.4	1164.9	1155.8
37.5°	1232.9	1150.9	1065.3	1006.7	970.3	942.5	932.1
40°	1094.4	1005.1	930.5	875.6	838.0	811.0	810.5
42.5°	968.0	882.8	812.5	772.9	732.5	714.6	714.5
45°	792.6	724.4	664.9	633.8	609.5	594.9	590.7
47.5°	656.3	599.9	560.2	535.4	515.6	506.3	500.2
50°	579.7	530.3	498.7	477.2	466.1	454.3	453.3
52.5°	516.0	476.0	451.4	433.9	420.0	412.8	413.0
55°	433.6	402.1	384.6	371.3	360.4	354.9	352.6
57.5°	365.3	341.6	329.0	316.8	312.1	307.8	306.6
60°	322.8	306.8	294.9	285.2	278.4	277.1	276.6
62.5°	287.7	270.9	262.7	255.2	250.2	248.1	247.3
65°	237.2	224.8	217.5	211.5	209.7	206.6	206.0
67.5°	191.2	183.8	178.9	174.9	172.4	172.2	172.2
70°	163.0	158.9	154.8	152.5	151.1	150.2	150.2
72.5°	138.9	135.8	132.4	131.2	131.0	130.0	129.7
75°	105.8	102.5	103.1	100.7	98.9	96.6	95.2
77.5°	75.0	72.8	72.2	72.0	70.4	70.2	70.9
80°	58.1	55.9	55.4	55.9	55.4	54.1	54.1
82.5°	44.3	42.3	41.8	41.6	41.2	41.6	40.8
85°	23.8	22.9	22.9	22.9	23.8	23.3	22.9
87.5°	13.0	12.8	13.3	13.1	13.2	12.8	13.3
90°	22.6	23.8	24.6	25.0	25.4	25.7	26.2
92.5°	22.0	23.2	23.8	23.8	23.9	24.0	24.1
95°	22.6	23.8	24.5	24.7	24.9	25.1	25.3
97.5°	23.4	23.5	23.7	23.8	24.0	24.2	24.5
100°	28.5	25.2	23.7	23.8	24.0	24.2	24.5
102.5°	78.3	42.7	25.0	25.0	25.1	25.1	25.1
105°	277.4	279.1	276.6	269.6	262.6	255.6	248.7
107.5°	341.9	342.8	343.5	344.3	345.0	345.8	346.5
110°	385.9	386.2	386.8	387.4	387.9	388.5	389.1



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	428.4	428.3	428.7	429.5	430.2	430.9	431.6
115°	493.2	493.5	493.8	493.8	493.8	493.8	493.8
117.5°	557.4	557.3	557.2	557.2	557.1	557.0	556.9
120°	597.9	598.2	598.2	597.9	597.4	597.1	596.7
122.5°	637.1	637.4	637.3	637.0	636.5	636.2	635.8
125°	692.7	693.2	693.6	693.8	694.0	694.2	694.4
127.5°	746.7	746.6	746.5	746.3	746.1	746.0	745.9
130°	780.5	780.7	780.8	780.8	780.8	780.8	780.8
132.5°	813.3	813.5	813.5	813.3	813.1	813.0	812.9
135°	858.7	859.1	859.5	859.9	860.2	860.7	861.0
137.5°	902.1	902.5	902.7	902.5	902.4	902.3	902.2
140°	929.0	929.6	930.1	930.2	930.4	930.6	930.8
142.5°	953.7	954.2	954.3	954.4	954.4	954.5	954.5
145°	988.9	989.1	989.5	989.8	990.2	990.6	991.0
147.5°	1020.0	1020.2	1020.4	1020.6	1020.8	1021.0	1021.1
150°	1039.8	1039.8	1039.9	1040.1	1040.3	1040.5	1040.7
152.5°	1057.5	1057.8	1057.9	1057.8	1057.7	1057.6	1057.5
155°	1081.4	1082.2	1082.3	1081.7	1081.2	1080.6	1080.0
157.5°	1101.8	1102.9	1102.9	1101.8	1100.8	1099.8	1098.8
160°	1114.8	1116.0	1116.0	1114.8	1113.7	1112.5	1111.4
162.5°	1125.3	1126.4	1126.4	1125.1	1123.8	1122.5	1121.1
165°	1140.5	1142.0	1141.9	1140.1	1138.4	1136.7	1134.9
167.5°	1151.4	1153.1	1153.0	1151.1	1149.1	1147.2	1145.2
170°	1157.9	1159.4	1159.3	1157.3	1155.4	1153.4	1151.5
172.5°	1162.1	1163.6	1163.4	1161.2	1159.2	1157.1	1154.9
175°	1167.2	1169.0	1168.6	1166.3	1164.0	1161.7	1159.3
177.5°	1168.6	1169.9	1169.6	1167.7	1165.9	1164.0	1162.2
180°	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3

(END OF REPORT)