

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: P333479-935

Luminaire Tested: **S125DIW-S1270D1340U935-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333479-935
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-11,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125DIW-S1270D1340U935-4F0-1E-UDD-A1
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 1270 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 1340 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

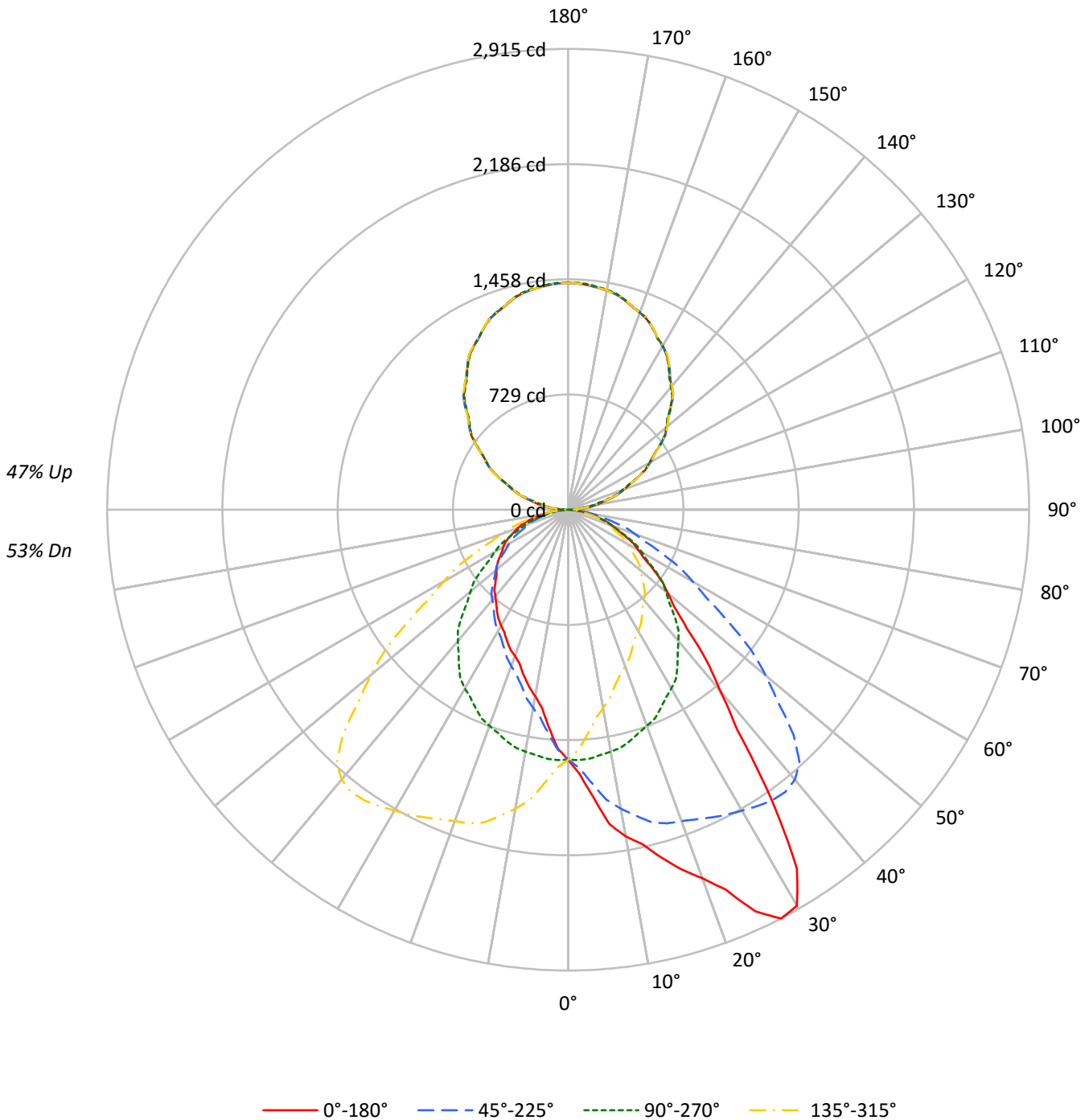
Lumens per Lamp: N/A
Luminaire Lumens: 8469.9 lumens
Efficiency: N/A
Efficacy: 111.2 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.23 / 1.52
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 76.2
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	50	30	10	0	
RCR																						
0	108	108	108	108	100	100	100	100	85	85	85	71	71	71	59	59	59	53				
1	99	94	91	87	91	88	84	81	75	72	70	63	61	60	52	51	50	45				
2	90	83	77	72	83	77	72	67	66	62	58	56	53	50	46	44	42	38				
3	82	73	66	60	76	68	61	56	58	53	49	49	46	43	41	39	36	32				
4	75	65	57	51	69	60	53	48	52	46	42	44	40	37	37	34	31	28				
5	69	58	50	44	64	54	47	41	46	41	37	40	35	32	33	30	27	24				
6	64	52	44	38	59	48	41	36	42	36	32	36	31	28	30	27	24	21				
7	59	47	39	33	54	44	37	31	38	32	28	33	28	25	28	24	22	19				
8	55	42	35	29	51	40	33	28	35	29	25	30	25	22	25	22	19	17				
9	51	39	31	26	47	36	30	25	32	26	22	27	23	20	23	20	17	15				
10	48	36	28	23	44	33	27	22	29	24	20	25	21	18	22	18	16	14				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10213	10213	10213	10213
5°	11826	10247	8972	10247
10°	13759	10194	7861	10194
15°	15230	10120	7252	10120
20°	17049	10001	6763	10001
25°	19973	9867	6524	9867
30°	21572	9735	6317	9735
35°	17738	9488	6180	9488
40°	12607	9144	6032	9144
45°	9685	8680	5946	8680
50°	8268	8106	5934	8106
55°	7362	7543	5986	7543
60°	6640	6926	6138	6926
65°	6134	6308	6298	6308
70°	5576	5665	6388	5665
75°	4923	4991	6331	4991
80°	4143	4069	5791	4069
85°	3283	2934	4676	2934



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.2	1.8
10°-20°	453.2	5.4
20°-30°	736.0	8.7
30°-40°	897.7	10.6
40°-50°	816.7	9.6
50°-60°	650.5	7.7
60°-70°	453.1	5.3
70°-80°	241.6	2.9
80°-90°	64.1	0.8
90°-100°	96.1	1.1
100°-110°	283.9	3.4
110°-120°	480.8	5.7
120°-130°	632.7	7.5
130°-140°	709.0	8.4
140°-150°	694.9	8.2
150°-160°	583.6	6.9
160°-170°	388.0	4.6
170°-180°	135.8	1.6
0°-30°	1341.4	15.8
0°-40°	2239.2	26.4
0°-60°	3706.4	43.8
0°-90°	4465.2	52.7
90°-120°	860.8	10.2
90°-150°	2897.4	34.2
90°-180°	4005.0	47.3
0°-180°	8469.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1581	1581	1581	1581	1581	
5°	1824	1581	1384	1581	1824	184
15°	2278	1514	1085	1514	2278	652
25°	2803	1385	916	1385	2803	1280
35°	2250	1203	784	1203	2250	1377
45°	1060	950	651	950	1060	849
55°	654	670	532	670	654	589
65°	401	413	412	413	401	398
75°	197	200	254	200	197	212
85°	44	40	63	40	44	52
90°	27	1	27	1	27	17
95°	96	73	96	73	96	98
105°	277	255	277	255	277	293
115°	486	481	486	481	486	481
125°	707	702	707	702	707	631
135°	917	914	917	914	917	707
145°	1111	1107	1111	1107	1111	694
155°	1266	1266	1266	1266	1266	583
165°	1374	1377	1374	1377	1374	387
175°	1426	1432	1426	1432	1426	136
180°	1435	1435	1435	1435	1435	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3
2.5°	1672.6	1670.4	1668.3	1664.0	1667.2	1658.0	1653.7	1646.2	1637.1	1633.9	1630.1
5°	1824.2	1827.6	1830.9	1816.9	1818.2	1808.8	1787.3	1769.9	1755.8	1737.7	1724.9
7.5°	2006.8	1998.9	1998.2	1989.1	1973.4	1960.8	1938.2	1909.4	1881.7	1850.0	1823.9
10°	2098.1	2098.8	2092.7	2082.0	2065.2	2053.1	2023.6	1995.4	1961.2	1920.9	1892.0
12.5°	2166.8	2169.6	2162.0	2147.5	2139.2	2112.2	2089.0	2055.6	2014.8	1982.6	1938.7
15°	2277.9	2270.5	2265.2	2247.0	2233.0	2204.8	2167.9	2133.0	2088.7	2047.7	2006.8
17.5°	2385.1	2391.0	2380.9	2364.4	2320.7	2287.8	2238.3	2190.4	2135.3	2080.3	2031.5
20°	2480.6	2486.1	2470.6	2441.7	2389.4	2356.5	2291.4	2229.6	2165.8	2095.4	2041.7
22.5°	2599.9	2595.6	2574.7	2530.8	2485.4	2424.7	2354.2	2279.0	2199.2	2119.5	2048.1
25°	2802.8	2774.6	2761.8	2707.5	2647.7	2558.5	2461.9	2351.7	2252.5	2147.1	2055.8
27.5°	2915.3	2906.4	2892.2	2854.4	2791.5	2696.0	2582.1	2448.0	2307.9	2174.9	2055.4
30°	2892.7	2894.1	2895.5	2883.3	2843.1	2771.2	2657.8	2513.5	2347.1	2197.4	2059.2
32.5°	2693.0	2717.4	2740.8	2768.5	2779.7	2765.9	2694.8	2564.6	2393.2	2223.2	2057.0
35°	2249.8	2257.1	2333.0	2408.1	2510.2	2589.4	2642.4	2584.6	2440.3	2245.1	2054.4
37.5°	1754.2	1790.4	1842.9	1927.9	2075.1	2206.9	2376.4	2454.5	2407.9	2252.2	2049.8
40°	1495.4	1529.0	1563.1	1649.8	1773.9	1933.6	2126.2	2290.7	2328.9	2229.6	2033.7
42.5°	1295.6	1322.2	1360.2	1425.3	1529.0	1670.5	1854.6	2069.5	2201.7	2164.1	1999.8
45°	1060.4	1077.2	1106.7	1158.5	1233.6	1344.4	1506.8	1741.7	1946.4	2014.1	1919.5
47.5°	907.7	907.6	930.5	966.2	1020.5	1114.6	1234.7	1418.8	1637.4	1799.1	1791.7
50°	822.9	819.5	837.6	868.5	911.5	973.9	1088.6	1235.6	1445.7	1628.9	1679.9
52.5°	749.8	750.2	761.4	784.2	820.2	873.5	959.2	1091.7	1271.2	1459.2	1555.4
55°	653.8	651.0	663.7	679.2	705.4	740.3	802.0	903.4	1049.0	1234.2	1359.1
57.5°	565.7	573.1	578.2	588.9	610.6	634.0	686.0	760.4	876.0	1034.9	1166.9
60°	514.1	521.5	525.6	536.2	553.7	573.9	614.2	674.5	771.9	908.8	1039.7
62.5°	468.0	473.7	475.0	484.7	498.9	518.6	550.3	601.0	677.9	797.6	925.8
65°	401.4	401.4	404.1	414.1	420.9	438.2	462.4	499.4	561.1	654.4	763.8
67.5°	337.2	340.4	339.8	344.1	350.3	363.9	381.3	411.7	457.4	525.6	613.0
70°	295.3	298.0	297.3	300.7	307.4	316.2	330.2	359.0	391.9	450.4	525.6
72.5°	257.7	258.8	257.1	261.5	265.5	273.2	288.9	304.3	335.0	384.4	446.1
75°	197.3	198.6	200.0	202.7	206.7	210.8	218.8	234.3	254.3	291.3	330.9
77.5°	147.9	145.3	148.6	148.2	150.5	153.6	160.7	168.8	185.4	208.7	239.4
80°	111.4	112.1	112.1	112.8	116.1	118.1	124.2	130.2	142.9	160.4	181.9
82.5°	81.4	83.1	82.1	83.3	86.0	87.5	90.8	95.8	103.2	116.9	132.5
85°	44.3	41.0	42.3	43.7	43.7	44.3	47.0	49.0	53.0	58.4	64.4
87.5°	18.3	19.2	19.5	19.4	19.8	19.6	21.5	21.3	22.6	23.9	25.7
90°	26.8	26.1	25.3	24.5	23.8	22.8	21.6	20.3	19.1	17.9	16.1
92.5°	52.7	52.2	51.7	51.1	50.5	49.4	47.8	46.1	44.5	42.9	40.7
95°	96.1	95.6	95.1	94.5	94.0	93.0	91.2	89.5	87.7	86.0	83.5
97.5°	145.7	145.3	145.1	144.7	144.5	143.4	141.8	140.2	138.5	136.9	133.5
100°	183.1	182.7	182.2	181.7	181.2	179.8	177.5	175.4	173.1	170.9	167.6
102.5°	220.7	220.0	219.3	218.6	217.9	216.4	213.9	211.5	209.1	206.6	205.0
105°	277.0	276.2	275.5	274.7	274.0	272.9	271.4	269.9	268.5	266.9	265.4
107.5°	334.6	334.7	334.7	334.8	334.8	334.5	333.7	332.9	332.3	331.5	330.4
110°	377.5	377.7	378.0	378.2	378.5	378.2	377.5	376.8	376.0	375.2	374.5



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	419.5	419.9	420.4	420.9	421.3	421.3	420.9	420.6	420.3	419.9	419.0
115°	485.9	486.1	486.3	486.6	486.8	487.1	487.3	487.6	487.8	488.1	487.6
117.5°	550.6	551.6	552.6	553.6	554.6	555.0	554.7	554.6	554.4	554.2	553.7
120°	595.3	596.2	597.3	598.2	599.3	599.8	599.8	599.8	599.8	599.8	599.5
122.5°	640.0	640.8	641.5	642.3	643.2	643.6	643.9	644.0	644.2	644.5	643.8
125°	707.0	707.2	707.5	707.7	708.0	708.3	708.9	709.3	709.8	710.3	710.1
127.5°	771.3	771.8	772.3	772.8	773.3	773.7	773.9	774.1	774.4	774.6	774.4
130°	814.2	814.7	815.2	815.7	816.1	816.6	816.8	817.0	817.3	817.5	817.0
132.5°	854.4	855.1	855.7	856.5	857.2	857.6	857.9	858.2	858.4	858.7	858.8
135°	917.0	917.9	918.9	919.9	920.9	921.4	921.4	921.4	921.4	921.4	921.2
137.5°	978.2	979.4	980.6	981.9	983.1	983.6	983.3	983.0	982.7	982.4	981.9
140°	1017.4	1018.7	1019.9	1021.1	1022.4	1022.8	1022.3	1021.8	1021.3	1020.8	1020.0
142.5°	1055.0	1056.2	1057.5	1058.7	1060.0	1060.4	1060.1	1059.8	1059.5	1059.2	1058.3
145°	1111.3	1112.0	1112.8	1113.5	1114.2	1114.7	1114.7	1114.7	1114.7	1114.7	1113.9
147.5°	1159.3	1161.0	1162.7	1164.3	1166.1	1166.6	1166.0	1165.4	1164.8	1164.2	1163.6
150°	1195.1	1195.5	1196.0	1196.5	1197.0	1197.3	1197.3	1197.3	1197.3	1197.3	1196.3
152.5°	1224.5	1225.4	1226.3	1227.2	1228.1	1228.2	1227.6	1227.0	1226.5	1225.9	1225.5
155°	1266.5	1267.7	1269.0	1270.2	1271.4	1271.6	1270.6	1269.6	1268.6	1267.7	1267.4
157.5°	1301.6	1303.2	1304.8	1306.5	1308.1	1308.5	1307.4	1306.5	1305.4	1304.5	1304.2
160°	1325.7	1327.0	1328.2	1329.5	1330.7	1330.8	1329.8	1328.8	1327.8	1326.8	1326.5
162.5°	1346.3	1347.7	1349.1	1350.6	1352.0	1352.1	1350.9	1349.8	1348.6	1347.4	1347.3
165°	1373.7	1375.2	1376.7	1378.2	1379.7	1379.9	1379.0	1377.9	1377.0	1376.0	1375.7
167.5°	1395.6	1397.1	1398.7	1400.2	1401.8	1401.8	1400.3	1398.9	1397.3	1395.9	1395.9
170°	1407.2	1408.9	1410.7	1412.5	1414.2	1414.3	1412.8	1411.4	1409.9	1408.3	1408.3
172.5°	1417.0	1418.6	1420.1	1421.7	1423.2	1423.2	1421.8	1420.3	1418.8	1417.3	1417.3
175°	1426.2	1428.0	1429.7	1431.4	1433.1	1433.3	1431.8	1430.3	1428.8	1427.4	1427.4
177.5°	1431.6	1433.0	1434.3	1435.7	1437.2	1437.3	1436.1	1434.9	1433.7	1432.4	1432.7
180°	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3
2.5°	1626.9	1623.2	1618.9	1611.4	1602.2	1597.4	1589.8	1585.0	1575.4	1567.3	1558.8
5°	1709.4	1692.0	1675.9	1655.1	1632.3	1617.5	1600.1	1580.6	1560.5	1539.6	1516.8
7.5°	1795.0	1764.1	1730.5	1694.4	1659.1	1626.6	1595.6	1565.1	1536.7	1502.4	1473.3
10°	1852.4	1813.5	1771.9	1722.9	1675.2	1633.7	1591.3	1554.4	1516.8	1476.5	1441.0
12.5°	1909.9	1858.0	1799.2	1745.4	1688.2	1637.9	1588.1	1541.0	1493.7	1449.1	1407.7
15°	1950.4	1904.8	1850.4	1773.9	1709.4	1640.4	1574.6	1513.5	1456.5	1406.8	1354.4
17.5°	1977.1	1918.3	1859.9	1786.5	1702.1	1624.8	1550.2	1480.3	1416.0	1353.1	1302.6
20°	1981.9	1921.6	1860.4	1788.6	1702.1	1613.5	1539.0	1455.1	1386.0	1320.9	1259.1
22.5°	1980.4	1911.9	1845.5	1771.5	1687.0	1605.4	1515.4	1429.9	1354.8	1290.8	1226.3
25°	1965.1	1892.0	1808.8	1734.3	1651.1	1564.5	1473.3	1384.7	1308.1	1234.9	1171.2
27.5°	1952.6	1857.7	1763.4	1676.5	1596.2	1516.8	1429.4	1338.7	1253.9	1179.7	1119.6
30°	1937.0	1833.0	1726.9	1636.3	1553.8	1476.5	1394.0	1305.4	1216.9	1144.4	1080.0
32.5°	1923.0	1801.8	1689.9	1591.2	1503.8	1428.7	1352.6	1268.3	1181.4	1107.8	1043.4
35°	1896.1	1755.8	1627.5	1516.1	1422.9	1345.7	1281.9	1203.4	1123.5	1052.4	990.7
37.5°	1861.8	1695.4	1557.8	1441.0	1338.7	1257.4	1198.0	1137.7	1061.1	992.6	936.7
40°	1835.0	1652.4	1506.8	1387.3	1281.3	1196.7	1141.7	1084.6	1020.9	957.1	898.0
42.5°	1801.1	1613.8	1455.3	1326.6	1221.7	1139.3	1081.5	1033.0	976.8	917.4	862.5
45°	1739.0	1543.7	1371.8	1233.6	1127.6	1046.4	986.6	950.4	908.1	851.7	805.4
47.5°	1647.6	1459.5	1281.8	1139.1	1029.7	954.4	898.5	863.7	833.9	791.9	749.9
50°	1566.5	1396.7	1216.9	1075.2	965.8	889.9	838.3	806.8	781.3	749.0	713.4
52.5°	1475.8	1317.8	1153.0	1013.0	904.6	829.8	779.2	751.5	730.2	707.1	672.1
55°	1331.6	1197.4	1044.3	911.5	811.4	738.3	694.0	669.9	652.4	634.9	613.5
57.5°	1172.8	1067.8	932.3	810.8	718.7	652.1	610.8	587.3	573.7	564.7	552.1
60°	1061.1	971.2	854.4	743.6	653.8	594.7	554.4	536.2	524.9	517.5	508.1
62.5°	957.5	883.6	775.5	674.4	595.7	539.8	503.9	486.3	475.4	471.8	464.1
65°	804.7	747.7	658.4	574.5	507.4	459.8	429.6	412.8	406.0	402.0	402.7
67.5°	654.3	619.5	547.8	476.2	422.7	382.7	358.5	345.7	342.3	336.9	336.8
70°	562.4	536.2	475.9	413.5	365.8	334.9	313.4	300.0	296.6	293.9	293.3
72.5°	481.4	458.4	406.0	356.0	313.1	286.0	268.4	260.3	254.8	253.1	253.0
75°	361.8	349.0	307.4	267.8	238.2	219.5	207.4	200.0	196.0	195.3	196.0
77.5°	257.2	246.1	219.6	191.6	172.9	158.7	148.4	145.9	141.4	141.5	140.8
80°	193.3	185.9	169.1	147.0	131.6	119.5	114.1	109.4	108.1	106.1	108.1
82.5°	140.2	132.2	120.8	106.7	93.9	86.7	81.4	79.9	79.0	78.1	78.5
85°	69.1	69.8	63.1	52.3	47.0	43.0	39.6	39.6	38.9	38.2	38.9
87.5°	26.5	25.1	22.6	20.6	17.6	15.5	14.6	14.7	13.5	13.3	14.3
90°	14.4	12.7	10.9	9.0	7.1	5.1	3.1	1.1	3.1	5.1	7.1
92.5°	38.7	36.5	34.4	32.5	31.2	29.8	28.4	27.0	28.4	29.8	31.2
95°	81.0	78.5	76.1	74.6	74.0	73.6	73.1	72.6	73.1	73.6	74.0
97.5°	130.1	126.7	123.2	121.4	121.2	121.1	120.8	120.6	120.8	121.1	121.2
100°	164.5	161.2	158.0	156.4	156.4	156.4	156.4	156.4	156.4	156.4	156.4
102.5°	203.4	201.7	200.1	198.7	197.8	196.7	195.8	194.8	195.8	196.7	197.8
105°	264.0	262.4	261.0	259.6	258.4	257.1	255.9	254.7	255.9	257.1	258.4
107.5°	329.2	328.0	326.9	325.7	324.5	323.2	322.0	320.7	322.0	323.2	324.5
110°	373.8	373.1	372.3	371.3	370.1	368.9	367.6	366.4	367.6	368.9	370.1



TEST NUMBER: P333479-935

CATALOG NUMBER: S125DIW-S1270D1340U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	418.0	417.1	416.2	415.3	414.7	414.1	413.5	412.8	413.5	414.1	414.7
115°	487.1	486.6	486.1	485.3	484.3	483.4	482.3	481.4	482.3	483.4	484.3
117.5°	553.3	552.8	552.4	552.0	551.5	551.0	550.6	550.2	550.6	551.0	551.5
120°	599.3	599.0	598.7	598.1	596.8	595.6	594.3	593.1	594.3	595.6	596.8
122.5°	643.2	642.5	641.9	641.3	640.8	640.4	640.0	639.6	640.0	640.4	640.8
125°	709.8	709.6	709.3	708.4	707.0	705.5	704.0	702.5	704.0	705.5	707.0
127.5°	774.0	773.8	773.4	772.9	772.1	771.2	770.3	769.5	770.3	771.2	772.1
130°	816.6	816.1	815.5	814.7	813.5	812.2	811.0	809.7	811.0	812.2	813.5
132.5°	858.8	858.9	859.0	858.1	856.0	854.0	852.0	849.9	852.0	854.0	856.0
135°	920.9	920.7	920.4	919.5	918.1	916.5	915.1	913.6	915.1	916.5	918.1
137.5°	981.3	980.8	980.2	979.2	977.8	976.4	974.9	973.4	974.9	976.4	977.8
140°	1019.3	1018.6	1017.8	1016.8	1015.6	1014.3	1013.1	1011.8	1013.1	1014.3	1015.6
142.5°	1057.3	1056.4	1055.4	1054.5	1053.4	1052.4	1051.4	1050.3	1051.4	1052.4	1053.4
145°	1113.1	1112.4	1111.6	1110.8	1109.7	1108.8	1107.8	1106.8	1107.8	1108.8	1109.7
147.5°	1163.0	1162.4	1161.8	1161.2	1160.7	1160.2	1159.6	1159.1	1159.6	1160.2	1160.7
150°	1195.3	1194.3	1193.3	1192.9	1193.2	1193.4	1193.7	1193.9	1193.7	1193.4	1193.2
152.5°	1225.0	1224.7	1224.3	1223.9	1223.6	1223.2	1222.9	1222.5	1222.9	1223.2	1223.6
155°	1267.1	1266.9	1266.6	1266.5	1266.5	1266.5	1266.5	1266.5	1266.5	1266.5	1266.5
157.5°	1304.0	1303.7	1303.5	1303.6	1304.2	1304.8	1305.3	1305.8	1305.3	1304.8	1304.2
160°	1326.4	1326.1	1325.9	1326.1	1326.8	1327.6	1328.4	1329.0	1328.4	1327.6	1326.8
162.5°	1347.3	1347.2	1347.2	1347.5	1348.0	1348.5	1349.1	1349.6	1349.1	1348.5	1348.0
165°	1375.4	1375.2	1375.0	1375.1	1375.6	1376.1	1376.6	1377.1	1376.6	1376.1	1375.6
167.5°	1395.9	1395.9	1395.9	1396.4	1397.3	1398.4	1399.3	1400.3	1399.3	1398.4	1397.3
170°	1408.3	1408.3	1408.3	1408.9	1409.9	1410.8	1411.9	1412.8	1411.9	1410.8	1409.9
172.5°	1417.3	1417.3	1417.3	1417.8	1418.8	1419.8	1420.7	1421.8	1420.7	1419.8	1418.8
175°	1427.4	1427.4	1427.4	1427.9	1428.8	1429.9	1430.8	1431.8	1430.8	1429.9	1428.8
177.5°	1432.9	1433.0	1433.3	1433.7	1434.6	1435.4	1436.1	1436.9	1436.1	1435.4	1434.6
180°	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2



TEST NUMBER: P333479-935

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3
2.5°	1553.8	1548.0	1543.2	1532.4	1526.5	1518.5	1512.0	1519.0	1511.5	1514.7	1509.8
5°	1505.5	1486.6	1473.3	1453.7	1437.0	1421.5	1410.1	1408.1	1402.7	1400.1	1392.0
7.5°	1447.2	1423.7	1400.6	1375.1	1353.6	1331.7	1317.8	1306.2	1298.6	1288.5	1281.7
10°	1412.8	1381.3	1354.4	1323.5	1296.7	1273.2	1254.4	1245.0	1236.3	1223.6	1218.8
12.5°	1370.4	1337.7	1305.0	1272.0	1246.2	1220.0	1203.9	1189.7	1183.7	1169.3	1167.9
15°	1319.5	1270.5	1238.3	1204.7	1169.2	1147.7	1134.3	1118.9	1112.2	1102.1	1094.7
17.5°	1258.9	1215.0	1174.8	1140.1	1109.6	1091.5	1074.8	1064.2	1052.7	1046.1	1034.0
20°	1214.8	1173.2	1132.9	1096.1	1072.5	1051.7	1038.3	1028.2	1016.2	1012.8	1000.7
22.5°	1177.8	1131.9	1093.2	1062.2	1036.6	1013.1	998.6	991.7	983.4	973.1	970.6
25°	1117.5	1069.9	1037.0	1006.1	983.3	961.8	951.7	943.0	935.0	927.6	924.9
27.5°	1065.4	1022.9	983.8	955.9	936.0	916.4	907.6	897.0	891.0	885.1	877.9
30°	1028.9	985.2	951.1	924.2	902.8	885.3	875.9	868.5	863.2	857.7	853.8
32.5°	991.4	950.9	917.7	891.5	870.0	856.8	848.5	843.3	837.3	830.9	825.8
35°	941.7	897.3	865.1	842.3	825.5	815.5	806.1	801.3	794.7	794.7	789.3
37.5°	885.7	847.4	819.0	798.1	783.1	774.1	764.0	760.7	756.4	753.5	751.7
40°	852.4	816.8	790.0	769.1	753.0	745.6	737.6	732.3	729.5	726.2	724.9
42.5°	818.0	784.0	758.3	739.1	725.1	718.8	711.3	707.6	702.1	697.8	697.0
45°	765.8	732.9	709.5	694.0	681.9	674.5	669.9	661.8	659.1	653.8	653.1
47.5°	716.3	684.8	661.7	649.0	638.4	632.4	625.0	616.9	613.9	611.1	610.9
50°	679.2	650.4	628.9	616.8	606.7	598.1	590.6	585.2	583.2	583.2	584.6
52.5°	641.6	617.1	598.8	584.0	574.5	565.2	558.4	555.2	552.1	555.3	557.8
55°	586.6	561.8	548.4	534.3	524.9	514.1	510.7	509.5	507.4	512.8	515.5
57.5°	528.3	510.9	495.2	481.2	472.8	466.6	462.0	461.2	465.0	467.5	476.2
60°	491.3	471.1	457.1	446.3	436.3	432.2	430.9	429.6	432.2	439.6	451.0
62.5°	450.5	434.1	419.0	410.9	403.5	396.8	396.5	397.4	402.7	411.1	422.6
65°	390.6	376.5	366.4	357.1	351.0	347.0	348.4	351.0	357.1	368.5	381.3
67.5°	329.8	320.1	311.2	303.5	297.7	297.7	299.1	303.1	310.2	323.4	335.0
70°	290.6	279.9	272.5	269.1	264.4	261.7	265.8	272.5	278.5	290.6	300.7
72.5°	251.4	242.3	236.5	234.3	232.2	230.1	231.4	238.7	246.8	258.9	270.6
75°	193.3	189.9	185.9	183.2	181.2	182.5	183.9	190.6	197.3	210.1	223.5
77.5°	141.1	137.6	135.2	134.5	133.5	134.1	137.8	142.8	149.4	158.7	168.8
80°	106.7	105.4	104.0	103.3	103.3	104.0	109.4	112.8	118.8	127.5	135.6
82.5°	77.7	76.9	76.6	76.5	77.1	77.1	80.4	84.8	89.8	96.3	103.3
85°	41.0	39.6	41.6	42.3	41.0	43.0	44.3	47.0	49.0	52.3	55.7
87.5°	15.2	16.7	16.5	17.4	17.7	19.1	18.9	21.3	22.6	23.9	23.6
90°	9.0	10.9	12.7	14.4	16.1	17.9	19.1	20.3	21.6	22.8	23.8
92.5°	32.5	34.4	36.5	38.7	40.7	42.9	44.5	46.1	47.8	49.4	50.5
95°	74.6	76.1	78.5	81.0	83.5	86.0	87.7	89.5	91.2	93.0	94.0
97.5°	121.4	123.2	126.7	130.1	133.5	136.9	138.5	140.2	141.8	143.4	144.5
100°	156.4	158.0	161.2	164.5	167.6	170.9	173.1	175.4	177.5	179.8	181.2
102.5°	198.7	200.1	201.7	203.4	205.0	206.6	209.1	211.5	213.9	216.4	217.9
105°	259.6	261.0	262.4	264.0	265.4	266.9	268.5	269.9	271.4	272.9	274.0
107.5°	325.7	326.9	328.0	329.2	330.4	331.5	332.3	332.9	333.7	334.5	334.8
110°	371.3	372.3	373.1	373.8	374.5	375.2	376.0	376.8	377.5	378.2	378.5



TEST NUMBER: P333479-935

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	415.3	416.2	417.1	418.0	419.0	419.9	420.3	420.6	420.9	421.3	421.3
115°	485.3	486.1	486.6	487.1	487.6	488.1	487.8	487.6	487.3	487.1	486.8
117.5°	552.0	552.4	552.8	553.3	553.7	554.2	554.4	554.6	554.7	555.0	554.6
120°	598.1	598.7	599.0	599.3	599.5	599.8	599.8	599.8	599.8	599.8	599.3
122.5°	641.3	641.9	642.5	643.2	643.8	644.5	644.2	644.0	643.9	643.6	643.2
125°	708.4	709.3	709.6	709.8	710.1	710.3	709.8	709.3	708.9	708.3	708.0
127.5°	772.9	773.4	773.8	774.0	774.4	774.6	774.4	774.1	773.9	773.7	773.3
130°	814.7	815.5	816.1	816.6	817.0	817.5	817.3	817.0	816.8	816.6	816.1
132.5°	858.1	859.0	858.9	858.8	858.8	858.7	858.4	858.2	857.9	857.6	857.2
135°	919.5	920.4	920.7	920.9	921.2	921.4	921.4	921.4	921.4	921.4	920.9
137.5°	979.2	980.2	980.8	981.3	981.9	982.4	982.7	983.0	983.3	983.6	983.1
140°	1016.8	1017.8	1018.6	1019.3	1020.0	1020.8	1021.3	1021.8	1022.3	1022.8	1022.4
142.5°	1054.5	1055.4	1056.4	1057.3	1058.3	1059.2	1059.5	1059.8	1060.1	1060.4	1060.0
145°	1110.8	1111.6	1112.4	1113.1	1113.9	1114.7	1114.7	1114.7	1114.7	1114.7	1114.2
147.5°	1161.2	1161.8	1162.4	1163.0	1163.6	1164.2	1164.8	1165.4	1166.0	1166.6	1166.1
150°	1192.9	1193.3	1194.3	1195.3	1196.3	1197.3	1197.3	1197.3	1197.3	1197.3	1197.0
152.5°	1223.9	1224.3	1224.7	1225.0	1225.5	1225.9	1226.5	1227.0	1227.6	1228.2	1228.1
155°	1266.5	1266.6	1266.9	1267.1	1267.4	1267.7	1268.6	1269.6	1270.6	1271.6	1271.4
157.5°	1303.6	1303.5	1303.7	1304.0	1304.2	1304.5	1305.4	1306.5	1307.4	1308.5	1308.1
160°	1326.1	1325.9	1326.1	1326.4	1326.5	1326.8	1327.8	1328.8	1329.8	1330.8	1330.7
162.5°	1347.5	1347.2	1347.2	1347.3	1347.3	1347.4	1348.6	1349.8	1350.9	1352.1	1352.0
165°	1375.1	1375.0	1375.2	1375.4	1375.7	1376.0	1377.0	1377.9	1379.0	1379.9	1379.7
167.5°	1396.4	1395.9	1395.9	1395.9	1395.9	1395.9	1397.3	1398.9	1400.3	1401.8	1401.8
170°	1408.9	1408.3	1408.3	1408.3	1408.3	1408.3	1409.9	1411.4	1412.8	1414.3	1414.2
172.5°	1417.8	1417.3	1417.3	1417.3	1417.3	1417.3	1418.8	1420.3	1421.8	1423.2	1423.2
175°	1427.9	1427.4	1427.4	1427.4	1427.4	1427.4	1428.8	1430.3	1431.8	1433.3	1433.1
177.5°	1433.7	1433.3	1433.0	1432.9	1432.7	1432.4	1433.7	1434.9	1436.1	1437.3	1437.2
180°	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2



TEST NUMBER: P333479-935

CATALOG NUMBER: S125DIW-S1270D1340U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3
2.5°	1506.7	1510.4	1507.2	1511.5	1507.2	1510.4	1506.7	1509.8	1514.7	1511.5	1519.0
5°	1388.6	1382.6	1386.6	1384.0	1386.6	1382.6	1388.6	1392.0	1400.1	1402.7	1408.1
7.5°	1279.6	1273.8	1267.3	1264.2	1267.3	1273.8	1279.6	1281.7	1288.5	1298.6	1306.2
10°	1211.4	1204.1	1203.4	1198.7	1203.4	1204.1	1211.4	1218.8	1223.6	1236.3	1245.0
12.5°	1161.5	1154.7	1147.0	1145.0	1147.0	1154.7	1161.5	1167.9	1169.3	1183.7	1189.7
15°	1090.6	1085.3	1080.6	1084.6	1080.6	1085.3	1090.6	1094.7	1102.1	1112.2	1118.9
17.5°	1031.7	1027.3	1026.5	1021.5	1026.5	1027.3	1031.7	1034.0	1046.1	1052.7	1064.2
20°	994.7	991.4	992.6	984.0	992.6	991.4	994.7	1000.7	1012.8	1016.2	1028.2
22.5°	965.2	958.6	957.8	956.1	957.8	958.6	965.2	970.6	973.1	983.4	991.7
25°	918.9	915.5	912.1	915.5	912.1	915.5	918.9	924.9	927.6	935.0	943.0
27.5°	878.4	874.4	873.5	873.8	873.5	874.4	878.4	877.9	885.1	891.0	897.0
30°	853.8	847.1	847.7	847.1	847.7	847.1	853.8	853.8	857.7	863.2	868.5
32.5°	826.9	822.3	821.4	820.2	821.4	822.3	826.9	825.8	830.9	837.3	843.3
35°	787.3	787.3	783.9	783.9	783.9	787.3	787.3	789.3	794.7	794.7	801.3
37.5°	750.1	749.4	747.4	747.7	747.4	749.4	750.1	751.7	753.5	756.4	760.7
40°	722.2	721.5	719.5	715.5	719.5	721.5	722.2	724.9	726.2	729.5	732.3
42.5°	695.3	693.0	692.1	690.8	692.1	693.0	695.3	697.0	697.8	702.1	707.6
45°	653.1	653.1	651.7	651.0	651.7	653.1	653.1	653.1	653.8	659.1	661.8
47.5°	612.0	613.2	615.7	615.4	615.7	613.2	612.0	610.9	611.1	613.9	616.9
50°	587.3	588.0	590.0	590.6	590.0	588.0	587.3	584.6	583.2	583.2	585.2
52.5°	559.9	563.8	566.4	565.9	566.4	563.8	559.9	557.8	555.3	552.1	555.2
55°	521.5	526.2	530.9	531.6	530.9	526.2	521.5	515.5	512.8	507.4	509.5
57.5°	483.5	490.1	495.1	496.6	495.1	490.1	483.5	476.2	467.5	465.0	461.2
60°	457.7	466.5	472.5	475.2	472.5	466.5	457.7	451.0	439.6	432.2	429.6
62.5°	433.0	442.8	448.8	449.4	448.8	442.8	433.0	422.6	411.1	402.7	397.4
65°	392.6	402.7	408.0	412.1	408.0	402.7	392.6	381.3	368.5	357.1	351.0
67.5°	349.1	359.2	365.2	368.3	365.2	359.2	349.1	335.0	323.4	310.2	303.1
70°	317.5	327.5	335.6	338.3	335.6	327.5	317.5	300.7	290.6	278.5	272.5
72.5°	286.3	295.3	301.8	305.0	301.8	295.3	286.3	270.6	258.9	246.8	238.7
75°	232.2	244.3	250.4	253.7	250.4	244.3	232.2	223.5	210.1	197.3	190.6
77.5°	179.1	190.1	193.7	195.4	193.7	190.1	179.1	168.8	158.7	149.4	142.8
80°	143.6	150.3	155.1	155.7	155.1	150.3	143.6	135.6	127.5	118.8	112.8
82.5°	110.4	116.0	117.4	119.2	117.4	116.0	110.4	103.3	96.3	89.8	84.8
85°	60.4	63.1	63.8	63.1	63.8	63.1	60.4	55.7	52.3	49.0	47.0
87.5°	24.8	24.4	24.5	25.7	24.5	24.4	24.8	23.6	23.9	22.6	21.3
90°	24.5	25.3	26.1	26.8	26.1	25.3	24.5	23.8	22.8	21.6	20.3
92.5°	51.1	51.7	52.2	52.7	52.2	51.7	51.1	50.5	49.4	47.8	46.1
95°	94.5	95.1	95.6	96.1	95.6	95.1	94.5	94.0	93.0	91.2	89.5
97.5°	144.7	145.1	145.3	145.7	145.3	145.1	144.7	144.5	143.4	141.8	140.2
100°	181.7	182.2	182.7	183.1	182.7	182.2	181.7	181.2	179.8	177.5	175.4
102.5°	218.6	219.3	220.0	220.7	220.0	219.3	218.6	217.9	216.4	213.9	211.5
105°	274.7	275.5	276.2	277.0	276.2	275.5	274.7	274.0	272.9	271.4	269.9
107.5°	334.8	334.7	334.7	334.6	334.7	334.7	334.8	334.8	334.5	333.7	332.9
110°	378.2	378.0	377.7	377.5	377.7	378.0	378.2	378.5	378.2	377.5	376.8



TEST NUMBER: P333479-935

CATALOG NUMBER: S125DIW-S1270D1340U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	420.9	420.4	419.9	419.5	419.9	420.4	420.9	421.3	421.3	420.9	420.6
115°	486.6	486.3	486.1	485.9	486.1	486.3	486.6	486.8	487.1	487.3	487.6
117.5°	553.6	552.6	551.6	550.6	551.6	552.6	553.6	554.6	555.0	554.7	554.6
120°	598.2	597.3	596.2	595.3	596.2	597.3	598.2	599.3	599.8	599.8	599.8
122.5°	642.3	641.5	640.8	640.0	640.8	641.5	642.3	643.2	643.6	643.9	644.0
125°	707.7	707.5	707.2	707.0	707.2	707.5	707.7	708.0	708.3	708.9	709.3
127.5°	772.8	772.3	771.8	771.3	771.8	772.3	772.8	773.3	773.7	773.9	774.1
130°	815.7	815.2	814.7	814.2	814.7	815.2	815.7	816.1	816.6	816.8	817.0
132.5°	856.5	855.7	855.1	854.4	855.1	855.7	856.5	857.2	857.6	857.9	858.2
135°	919.9	918.9	917.9	917.0	917.9	918.9	919.9	920.9	921.4	921.4	921.4
137.5°	981.9	980.6	979.4	978.2	979.4	980.6	981.9	983.1	983.6	983.3	983.0
140°	1021.1	1019.9	1018.7	1017.4	1018.7	1019.9	1021.1	1022.4	1022.8	1022.3	1021.8
142.5°	1058.7	1057.5	1056.2	1055.0	1056.2	1057.5	1058.7	1060.0	1060.4	1060.1	1059.8
145°	1113.5	1112.8	1112.0	1111.3	1112.0	1112.8	1113.5	1114.2	1114.7	1114.7	1114.7
147.5°	1164.3	1162.7	1161.0	1159.3	1161.0	1162.7	1164.3	1166.1	1166.6	1166.0	1165.4
150°	1196.5	1196.0	1195.5	1195.1	1195.5	1196.0	1196.5	1197.0	1197.3	1197.3	1197.3
152.5°	1227.2	1226.3	1225.4	1224.5	1225.4	1226.3	1227.2	1228.1	1228.2	1227.6	1227.0
155°	1270.2	1269.0	1267.7	1266.5	1267.7	1269.0	1270.2	1271.4	1271.6	1270.6	1269.6
157.5°	1306.5	1304.8	1303.2	1301.6	1303.2	1304.8	1306.5	1308.1	1308.5	1307.4	1306.5
160°	1329.5	1328.2	1327.0	1325.7	1327.0	1328.2	1329.5	1330.7	1330.8	1329.8	1328.8
162.5°	1350.6	1349.1	1347.7	1346.3	1347.7	1349.1	1350.6	1352.0	1352.1	1350.9	1349.8
165°	1378.2	1376.7	1375.2	1373.7	1375.2	1376.7	1378.2	1379.7	1379.9	1379.0	1377.9
167.5°	1400.2	1398.7	1397.1	1395.6	1397.1	1398.7	1400.2	1401.8	1401.8	1400.3	1398.9
170°	1412.5	1410.7	1408.9	1407.2	1408.9	1410.7	1412.5	1414.2	1414.3	1412.8	1411.4
172.5°	1421.7	1420.1	1418.6	1417.0	1418.6	1420.1	1421.7	1423.2	1423.2	1421.8	1420.3
175°	1431.4	1429.7	1428.0	1426.2	1428.0	1429.7	1431.4	1433.1	1433.3	1431.8	1430.3
177.5°	1435.7	1434.3	1433.0	1431.6	1433.0	1434.3	1435.7	1437.2	1437.3	1436.1	1434.9
180°	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2



TEST NUMBER: P333479-935

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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3
2.5°	1512.0	1518.5	1526.5	1532.4	1543.2	1548.0	1553.8	1558.8	1567.3	1575.4	1585.0
5°	1410.1	1421.5	1437.0	1453.7	1473.3	1486.6	1505.5	1516.8	1539.6	1560.5	1580.6
7.5°	1317.8	1331.7	1353.6	1375.1	1400.6	1423.7	1447.2	1473.3	1502.4	1536.7	1565.1
10°	1254.4	1273.2	1296.7	1323.5	1354.4	1381.3	1412.8	1441.0	1476.5	1516.8	1554.4
12.5°	1203.9	1220.0	1246.2	1272.0	1305.0	1337.7	1370.4	1407.7	1449.1	1493.7	1541.0
15°	1134.3	1147.7	1169.2	1204.7	1238.3	1270.5	1319.5	1354.4	1406.8	1456.5	1513.5
17.5°	1074.8	1091.5	1109.6	1140.1	1174.8	1215.0	1258.9	1302.6	1353.1	1416.0	1480.3
20°	1038.3	1051.7	1072.5	1096.1	1132.9	1173.2	1214.8	1259.1	1320.9	1386.0	1455.1
22.5°	998.6	1013.1	1036.6	1062.2	1093.2	1131.9	1177.8	1226.3	1290.8	1354.8	1429.9
25°	951.7	961.8	983.3	1006.1	1037.0	1069.9	1117.5	1171.2	1234.9	1308.1	1384.7
27.5°	907.6	916.4	936.0	955.9	983.8	1022.9	1065.4	1119.6	1179.7	1253.9	1338.7
30°	875.9	885.3	902.8	924.2	951.1	985.2	1028.9	1080.0	1144.4	1216.9	1305.4
32.5°	848.5	856.8	870.0	891.5	917.7	950.9	991.4	1043.4	1107.8	1181.4	1268.3
35°	806.1	815.5	825.5	842.3	865.1	897.3	941.7	990.7	1052.4	1123.5	1203.4
37.5°	764.0	774.1	783.1	798.1	819.0	847.4	885.7	936.7	992.6	1061.1	1137.7
40°	737.6	745.6	753.0	769.1	790.0	816.8	852.4	898.0	957.1	1020.9	1084.6
42.5°	711.3	718.8	725.1	739.1	758.3	784.0	818.0	862.5	917.4	976.8	1033.0
45°	669.9	674.5	681.9	694.0	709.5	732.9	765.8	805.4	851.7	908.1	950.4
47.5°	625.0	632.4	638.4	649.0	661.7	684.8	716.3	749.9	791.9	833.9	863.7
50°	590.6	598.1	606.7	616.8	628.9	650.4	679.2	713.4	749.0	781.3	806.8
52.5°	558.4	565.2	574.5	584.0	598.8	617.1	641.6	672.1	707.1	730.2	751.5
55°	510.7	514.1	524.9	534.3	548.4	561.8	586.6	613.5	634.9	652.4	669.9
57.5°	462.0	466.6	472.8	481.2	495.2	510.9	528.3	552.1	564.7	573.7	587.3
60°	430.9	432.2	436.3	446.3	457.1	471.1	491.3	508.1	517.5	524.9	536.2
62.5°	396.5	396.8	403.5	410.9	419.0	434.1	450.5	464.1	471.8	475.4	486.3
65°	348.4	347.0	351.0	357.1	366.4	376.5	390.6	402.7	402.0	406.0	412.8
67.5°	299.1	297.7	297.7	303.5	311.2	320.1	329.8	336.8	336.9	342.3	345.7
70°	265.8	261.7	264.4	269.1	272.5	279.9	290.6	293.3	293.9	296.6	300.0
72.5°	231.4	230.1	232.2	234.3	236.5	242.3	251.4	253.0	253.1	254.8	260.3
75°	183.9	182.5	181.2	183.2	185.9	189.9	193.3	196.0	195.3	196.0	200.0
77.5°	137.8	134.1	133.5	134.5	135.2	137.6	141.1	140.8	141.5	141.4	145.9
80°	109.4	104.0	103.3	103.3	104.0	105.4	106.7	108.1	106.1	108.1	109.4
82.5°	80.4	77.1	77.1	76.5	76.6	76.9	77.7	78.5	78.1	79.0	79.9
85°	44.3	43.0	41.0	42.3	41.6	39.6	41.0	38.9	38.2	38.9	39.6
87.5°	18.9	19.1	17.7	17.4	16.5	16.7	15.2	14.3	13.3	13.5	14.7
90°	19.1	17.9	16.1	14.4	12.7	10.9	9.0	7.1	5.1	3.1	1.1
92.5°	44.5	42.9	40.7	38.7	36.5	34.4	32.5	31.2	29.8	28.4	27.0
95°	87.7	86.0	83.5	81.0	78.5	76.1	74.6	74.0	73.6	73.1	72.6
97.5°	138.5	136.9	133.5	130.1	126.7	123.2	121.4	121.2	121.1	120.8	120.6
100°	173.1	170.9	167.6	164.5	161.2	158.0	156.4	156.4	156.4	156.4	156.4
102.5°	209.1	206.6	205.0	203.4	201.7	200.1	198.7	197.8	196.7	195.8	194.8
105°	268.5	266.9	265.4	264.0	262.4	261.0	259.6	258.4	257.1	255.9	254.7
107.5°	332.3	331.5	330.4	329.2	328.0	326.9	325.7	324.5	323.2	322.0	320.7
110°	376.0	375.2	374.5	373.8	373.1	372.3	371.3	370.1	368.9	367.6	366.4



TEST NUMBER: P333479-935

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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	420.3	419.9	419.0	418.0	417.1	416.2	415.3	414.7	414.1	413.5	412.8
115°	487.8	488.1	487.6	487.1	486.6	486.1	485.3	484.3	483.4	482.3	481.4
117.5°	554.4	554.2	553.7	553.3	552.8	552.4	552.0	551.5	551.0	550.6	550.2
120°	599.8	599.8	599.5	599.3	599.0	598.7	598.1	596.8	595.6	594.3	593.1
122.5°	644.2	644.5	643.8	643.2	642.5	641.9	641.3	640.8	640.4	640.0	639.6
125°	709.8	710.3	710.1	709.8	709.6	709.3	708.4	707.0	705.5	704.0	702.5
127.5°	774.4	774.6	774.4	774.0	773.8	773.4	772.9	772.1	771.2	770.3	769.5
130°	817.3	817.5	817.0	816.6	816.1	815.5	814.7	813.5	812.2	811.0	809.7
132.5°	858.4	858.7	858.8	858.8	858.9	859.0	858.1	856.0	854.0	852.0	849.9
135°	921.4	921.4	921.2	920.9	920.7	920.4	919.5	918.1	916.5	915.1	913.6
137.5°	982.7	982.4	981.9	981.3	980.8	980.2	979.2	977.8	976.4	974.9	973.4
140°	1021.3	1020.8	1020.0	1019.3	1018.6	1017.8	1016.8	1015.6	1014.3	1013.1	1011.8
142.5°	1059.5	1059.2	1058.3	1057.3	1056.4	1055.4	1054.5	1053.4	1052.4	1051.4	1050.3
145°	1114.7	1114.7	1113.9	1113.1	1112.4	1111.6	1110.8	1109.7	1108.8	1107.8	1106.8
147.5°	1164.8	1164.2	1163.6	1163.0	1162.4	1161.8	1161.2	1160.7	1160.2	1159.6	1159.1
150°	1197.3	1197.3	1196.3	1195.3	1194.3	1193.3	1192.9	1193.2	1193.4	1193.7	1193.9
152.5°	1226.5	1225.9	1225.5	1225.0	1224.7	1224.3	1223.9	1223.6	1223.2	1222.9	1222.5
155°	1268.6	1267.7	1267.4	1267.1	1266.9	1266.6	1266.5	1266.5	1266.5	1266.5	1266.5
157.5°	1305.4	1304.5	1304.2	1304.0	1303.7	1303.5	1303.6	1304.2	1304.8	1305.3	1305.8
160°	1327.8	1326.8	1326.5	1326.4	1326.1	1325.9	1326.1	1326.8	1327.6	1328.4	1329.0
162.5°	1348.6	1347.4	1347.3	1347.3	1347.2	1347.2	1347.5	1348.0	1348.5	1349.1	1349.6
165°	1377.0	1376.0	1375.7	1375.4	1375.2	1375.0	1375.1	1375.6	1376.1	1376.6	1377.1
167.5°	1397.3	1395.9	1395.9	1395.9	1395.9	1395.9	1396.4	1397.3	1398.4	1399.3	1400.3
170°	1409.9	1408.3	1408.3	1408.3	1408.3	1408.3	1408.9	1409.9	1410.8	1411.9	1412.8
172.5°	1418.8	1417.3	1417.3	1417.3	1417.3	1417.3	1417.8	1418.8	1419.8	1420.7	1421.8
175°	1428.8	1427.4	1427.4	1427.4	1427.4	1427.4	1427.9	1428.8	1429.9	1430.8	1431.8
177.5°	1433.7	1432.4	1432.7	1432.9	1433.0	1433.3	1433.7	1434.6	1435.4	1436.1	1436.9
180°	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2



TEST NUMBER: P333479-935

CATALOG NUMBER: S125DIW-S1270D1340U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3
2.5°	1589.8	1597.4	1602.2	1611.4	1618.9	1623.2	1626.9	1630.1	1633.9	1637.1	1646.2
5°	1600.1	1617.5	1632.3	1655.1	1675.9	1692.0	1709.4	1724.9	1737.7	1755.8	1769.9
7.5°	1595.6	1626.6	1659.1	1694.4	1730.5	1764.1	1795.0	1823.9	1850.0	1881.7	1909.4
10°	1591.3	1633.7	1675.2	1722.9	1771.9	1813.5	1852.4	1892.0	1920.9	1961.2	1995.4
12.5°	1588.1	1637.9	1688.2	1745.4	1799.2	1858.0	1909.9	1938.7	1982.6	2014.8	2055.6
15°	1574.6	1640.4	1709.4	1773.9	1850.4	1904.8	1950.4	2006.8	2047.7	2088.7	2133.0
17.5°	1550.2	1624.8	1702.1	1786.5	1859.9	1918.3	1977.1	2031.5	2080.3	2135.3	2190.4
20°	1539.0	1613.5	1702.1	1788.6	1860.4	1921.6	1981.9	2041.7	2095.4	2165.8	2229.6
22.5°	1515.4	1605.4	1687.0	1771.5	1845.5	1911.9	1980.4	2048.1	2119.5	2199.2	2279.0
25°	1473.3	1564.5	1651.1	1734.3	1808.8	1892.0	1965.1	2055.8	2147.1	2252.5	2351.7
27.5°	1429.4	1516.8	1596.2	1676.5	1763.4	1857.7	1952.6	2055.4	2174.9	2307.9	2448.0
30°	1394.0	1476.5	1553.8	1636.3	1726.9	1833.0	1937.0	2059.2	2197.4	2347.1	2513.5
32.5°	1352.6	1428.7	1503.8	1591.2	1689.9	1801.8	1923.0	2057.0	2223.2	2393.2	2564.6
35°	1281.9	1345.7	1422.9	1516.1	1627.5	1755.8	1896.1	2054.4	2245.1	2440.3	2584.6
37.5°	1198.0	1257.4	1338.7	1441.0	1557.8	1695.4	1861.8	2049.8	2252.2	2407.9	2454.5
40°	1141.7	1196.7	1281.3	1387.3	1506.8	1652.4	1835.0	2033.7	2229.6	2328.9	2290.7
42.5°	1081.5	1139.3	1221.7	1326.6	1455.3	1613.8	1801.1	1999.8	2164.1	2201.7	2069.5
45°	986.6	1046.4	1127.6	1233.6	1371.8	1543.7	1739.0	1919.5	2014.1	1946.4	1741.7
47.5°	898.5	954.4	1029.7	1139.1	1281.8	1459.5	1647.6	1791.7	1799.1	1637.4	1418.8
50°	838.3	889.9	965.8	1075.2	1216.9	1396.7	1566.5	1679.9	1628.9	1445.7	1235.6
52.5°	779.2	829.8	904.6	1013.0	1153.0	1317.8	1475.8	1555.4	1459.2	1271.2	1091.7
55°	694.0	738.3	811.4	911.5	1044.3	1197.4	1331.6	1359.1	1234.2	1049.0	903.4
57.5°	610.8	652.1	718.7	810.8	932.3	1067.8	1172.8	1166.9	1034.9	876.0	760.4
60°	554.4	594.7	653.8	743.6	854.4	971.2	1061.1	1039.7	908.8	771.9	674.5
62.5°	503.9	539.8	595.7	674.4	775.5	883.6	957.5	925.8	797.6	677.9	601.0
65°	429.6	459.8	507.4	574.5	658.4	747.7	804.7	763.8	654.4	561.1	499.4
67.5°	358.5	382.7	422.7	476.2	547.8	619.5	654.3	613.0	525.6	457.4	411.7
70°	313.4	334.9	365.8	413.5	475.9	536.2	562.4	525.6	450.4	391.9	359.0
72.5°	268.4	286.0	313.1	356.0	406.0	458.4	481.4	446.1	384.4	335.0	304.3
75°	207.4	219.5	238.2	267.8	307.4	349.0	361.8	330.9	291.3	254.3	234.3
77.5°	148.4	158.7	172.9	191.6	219.6	246.1	257.2	239.4	208.7	185.4	168.8
80°	114.1	119.5	131.6	147.0	169.1	185.9	193.3	181.9	160.4	142.9	130.2
82.5°	81.4	86.7	93.9	106.7	120.8	132.2	140.2	132.5	116.9	103.2	95.8
85°	39.6	43.0	47.0	52.3	63.1	69.8	69.1	64.4	58.4	53.0	49.0
87.5°	14.6	15.5	17.6	20.6	22.6	25.1	26.5	25.7	23.9	22.6	21.3
90°	3.1	5.1	7.1	9.0	10.9	12.7	14.4	16.1	17.9	19.1	20.3
92.5°	28.4	29.8	31.2	32.5	34.4	36.5	38.7	40.7	42.9	44.5	46.1
95°	73.1	73.6	74.0	74.6	76.1	78.5	81.0	83.5	86.0	87.7	89.5
97.5°	120.8	121.1	121.2	121.4	123.2	126.7	130.1	133.5	136.9	138.5	140.2
100°	156.4	156.4	156.4	156.4	158.0	161.2	164.5	167.6	170.9	173.1	175.4
102.5°	195.8	196.7	197.8	198.7	200.1	201.7	203.4	205.0	206.6	209.1	211.5
105°	255.9	257.1	258.4	259.6	261.0	262.4	264.0	265.4	266.9	268.5	269.9
107.5°	322.0	323.2	324.5	325.7	326.9	328.0	329.2	330.4	331.5	332.3	332.9
110°	367.6	368.9	370.1	371.3	372.3	373.1	373.8	374.5	375.2	376.0	376.8



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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	413.5	414.1	414.7	415.3	416.2	417.1	418.0	419.0	419.9	420.3	420.6
115°	482.3	483.4	484.3	485.3	486.1	486.6	487.1	487.6	488.1	487.8	487.6
117.5°	550.6	551.0	551.5	552.0	552.4	552.8	553.3	553.7	554.2	554.4	554.6
120°	594.3	595.6	596.8	598.1	598.7	599.0	599.3	599.5	599.8	599.8	599.8
122.5°	640.0	640.4	640.8	641.3	641.9	642.5	643.2	643.8	644.5	644.2	644.0
125°	704.0	705.5	707.0	708.4	709.3	709.6	709.8	710.1	710.3	709.8	709.3
127.5°	770.3	771.2	772.1	772.9	773.4	773.8	774.0	774.4	774.6	774.4	774.1
130°	811.0	812.2	813.5	814.7	815.5	816.1	816.6	817.0	817.5	817.3	817.0
132.5°	852.0	854.0	856.0	858.1	859.0	858.9	858.8	858.8	858.7	858.4	858.2
135°	915.1	916.5	918.1	919.5	920.4	920.7	920.9	921.2	921.4	921.4	921.4
137.5°	974.9	976.4	977.8	979.2	980.2	980.8	981.3	981.9	982.4	982.7	983.0
140°	1013.1	1014.3	1015.6	1016.8	1017.8	1018.6	1019.3	1020.0	1020.8	1021.3	1021.8
142.5°	1051.4	1052.4	1053.4	1054.5	1055.4	1056.4	1057.3	1058.3	1059.2	1059.5	1059.8
145°	1107.8	1108.8	1109.7	1110.8	1111.6	1112.4	1113.1	1113.9	1114.7	1114.7	1114.7
147.5°	1159.6	1160.2	1160.7	1161.2	1161.8	1162.4	1163.0	1163.6	1164.2	1164.8	1165.4
150°	1193.7	1193.4	1193.2	1192.9	1193.3	1194.3	1195.3	1196.3	1197.3	1197.3	1197.3
152.5°	1222.9	1223.2	1223.6	1223.9	1224.3	1224.7	1225.0	1225.5	1225.9	1226.5	1227.0
155°	1266.5	1266.5	1266.5	1266.5	1266.6	1266.9	1267.1	1267.4	1267.7	1268.6	1269.6
157.5°	1305.3	1304.8	1304.2	1303.6	1303.5	1303.7	1304.0	1304.2	1304.5	1305.4	1306.5
160°	1328.4	1327.6	1326.8	1326.1	1325.9	1326.1	1326.4	1326.5	1326.8	1327.8	1328.8
162.5°	1349.1	1348.5	1348.0	1347.5	1347.2	1347.2	1347.3	1347.3	1347.4	1348.6	1349.8
165°	1376.6	1376.1	1375.6	1375.1	1375.0	1375.2	1375.4	1375.7	1376.0	1377.0	1377.9
167.5°	1399.3	1398.4	1397.3	1396.4	1395.9	1395.9	1395.9	1395.9	1395.9	1397.3	1398.9
170°	1411.9	1410.8	1409.9	1408.9	1408.3	1408.3	1408.3	1408.3	1408.3	1409.9	1411.4
172.5°	1420.7	1419.8	1418.8	1417.8	1417.3	1417.3	1417.3	1417.3	1417.3	1418.8	1420.3
175°	1430.8	1429.9	1428.8	1427.9	1427.4	1427.4	1427.4	1427.4	1427.4	1428.8	1430.3
177.5°	1436.1	1435.4	1434.6	1433.7	1433.3	1433.0	1432.9	1432.7	1432.4	1433.7	1434.9
180°	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3	1581.3
2.5°	1653.7	1658.0	1667.2	1664.0	1668.3	1670.4	1672.6
5°	1787.3	1808.8	1818.2	1816.9	1830.9	1827.6	1824.2
7.5°	1938.2	1960.8	1973.4	1989.1	1998.2	1998.9	2006.8
10°	2023.6	2053.1	2065.2	2082.0	2092.7	2098.8	2098.1
12.5°	2089.0	2112.2	2139.2	2147.5	2162.0	2169.6	2166.8
15°	2167.9	2204.8	2233.0	2247.0	2265.2	2270.5	2277.9
17.5°	2238.3	2287.8	2320.7	2364.4	2380.9	2391.0	2385.1
20°	2291.4	2356.5	2389.4	2441.7	2470.6	2486.1	2480.6
22.5°	2354.2	2424.7	2485.4	2530.8	2574.7	2595.6	2599.9
25°	2461.9	2558.5	2647.7	2707.5	2761.8	2774.6	2802.8
27.5°	2582.1	2696.0	2791.5	2854.4	2892.2	2906.4	2915.3
30°	2657.8	2771.2	2843.1	2883.3	2895.5	2894.1	2892.7
32.5°	2694.8	2765.9	2779.7	2768.5	2740.8	2717.4	2693.0
35°	2642.4	2589.4	2510.2	2408.1	2333.0	2257.1	2249.8
37.5°	2376.4	2206.9	2075.1	1927.9	1842.9	1790.4	1754.2
40°	2126.2	1933.6	1773.9	1649.8	1563.1	1529.0	1495.4
42.5°	1854.6	1670.5	1529.0	1425.3	1360.2	1322.2	1295.6
45°	1506.8	1344.4	1233.6	1158.5	1106.7	1077.2	1060.4
47.5°	1234.7	1114.6	1020.5	966.2	930.5	907.6	907.7
50°	1088.6	973.9	911.5	868.5	837.6	819.5	822.9
52.5°	959.2	873.5	820.2	784.2	761.4	750.2	749.8
55°	802.0	740.3	705.4	679.2	663.7	651.0	653.8
57.5°	686.0	634.0	610.6	588.9	578.2	573.1	565.7
60°	614.2	573.9	553.7	536.2	525.6	521.5	514.1
62.5°	550.3	518.6	498.9	484.7	475.0	473.7	468.0
65°	462.4	438.2	420.9	414.1	404.1	401.4	401.4
67.5°	381.3	363.9	350.3	344.1	339.8	340.4	337.2
70°	330.2	316.2	307.4	300.7	297.3	298.0	295.3
72.5°	288.9	273.2	265.5	261.5	257.1	258.8	257.7
75°	218.8	210.8	206.7	202.7	200.0	198.6	197.3
77.5°	160.7	153.6	150.5	148.2	148.6	145.3	147.9
80°	124.2	118.1	116.1	112.8	112.1	112.1	111.4
82.5°	90.8	87.5	86.0	83.3	82.1	83.1	81.4
85°	47.0	44.3	43.7	43.7	42.3	41.0	44.3
87.5°	21.5	19.6	19.8	19.4	19.5	19.2	18.3
90°	21.6	22.8	23.8	24.5	25.3	26.1	26.8
92.5°	47.8	49.4	50.5	51.1	51.7	52.2	52.7
95°	91.2	93.0	94.0	94.5	95.1	95.6	96.1
97.5°	141.8	143.4	144.5	144.7	145.1	145.3	145.7
100°	177.5	179.8	181.2	181.7	182.2	182.7	183.1
102.5°	213.9	216.4	217.9	218.6	219.3	220.0	220.7
105°	271.4	272.9	274.0	274.7	275.5	276.2	277.0
107.5°	333.7	334.5	334.8	334.8	334.7	334.7	334.6
110°	377.5	378.2	378.5	378.2	378.0	377.7	377.5



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	420.9	421.3	421.3	420.9	420.4	419.9	419.5
115°	487.3	487.1	486.8	486.6	486.3	486.1	485.9
117.5°	554.7	555.0	554.6	553.6	552.6	551.6	550.6
120°	599.8	599.8	599.3	598.2	597.3	596.2	595.3
122.5°	643.9	643.6	643.2	642.3	641.5	640.8	640.0
125°	708.9	708.3	708.0	707.7	707.5	707.2	707.0
127.5°	773.9	773.7	773.3	772.8	772.3	771.8	771.3
130°	816.8	816.6	816.1	815.7	815.2	814.7	814.2
132.5°	857.9	857.6	857.2	856.5	855.7	855.1	854.4
135°	921.4	921.4	920.9	919.9	918.9	917.9	917.0
137.5°	983.3	983.6	983.1	981.9	980.6	979.4	978.2
140°	1022.3	1022.8	1022.4	1021.1	1019.9	1018.7	1017.4
142.5°	1060.1	1060.4	1060.0	1058.7	1057.5	1056.2	1055.0
145°	1114.7	1114.7	1114.2	1113.5	1112.8	1112.0	1111.3
147.5°	1166.0	1166.6	1166.1	1164.3	1162.7	1161.0	1159.3
150°	1197.3	1197.3	1197.0	1196.5	1196.0	1195.5	1195.1
152.5°	1227.6	1228.2	1228.1	1227.2	1226.3	1225.4	1224.5
155°	1270.6	1271.6	1271.4	1270.2	1269.0	1267.7	1266.5
157.5°	1307.4	1308.5	1308.1	1306.5	1304.8	1303.2	1301.6
160°	1329.8	1330.8	1330.7	1329.5	1328.2	1327.0	1325.7
162.5°	1350.9	1352.1	1352.0	1350.6	1349.1	1347.7	1346.3
165°	1379.0	1379.9	1379.7	1378.2	1376.7	1375.2	1373.7
167.5°	1400.3	1401.8	1401.8	1400.2	1398.7	1397.1	1395.6
170°	1412.8	1414.3	1414.2	1412.5	1410.7	1408.9	1407.2
172.5°	1421.8	1423.2	1423.2	1421.7	1420.1	1418.6	1417.0
175°	1431.8	1433.3	1433.1	1431.4	1429.7	1428.0	1426.2
177.5°	1436.1	1437.3	1437.2	1435.7	1434.3	1433.0	1431.6
180°	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2	1435.2

(END OF REPORT)