

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1035138

Luminaire Tested: S125DIW-B1270D1340UB50-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1035138
REPORT IS A COMBINATION OF REPORTS P1003173 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIW-B1270D1340UB50-4F0-XX-W2A-A1
Description: Define 5 Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

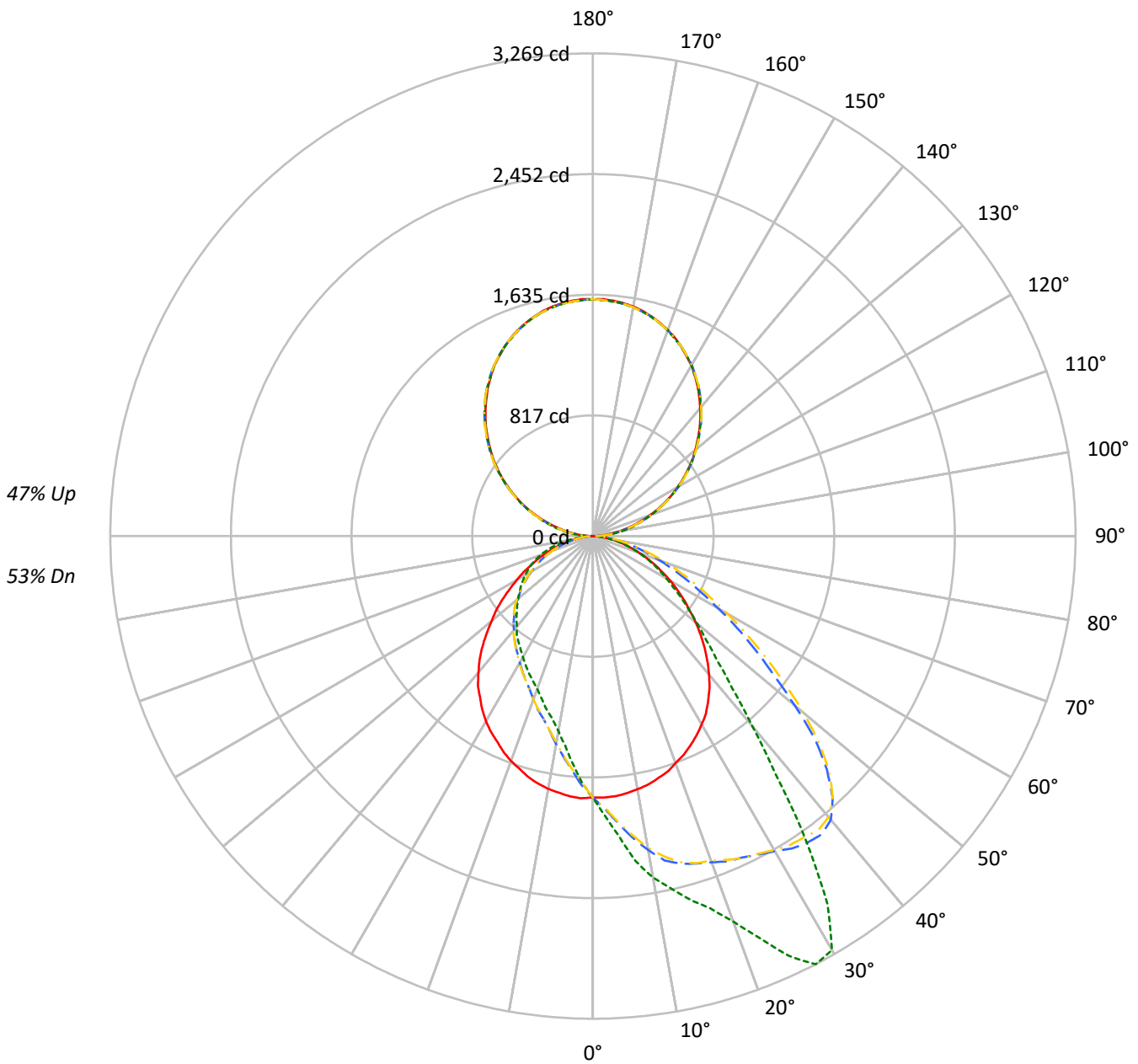
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9472.0 lumens
Efficiency: N/A
Efficacy: 91.6 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 103.4
Input Voltage (V):
Input Current (A_{in}): 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: 24 FT

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - 90°-270° - · - 135°-315°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11339	11339	11339	11339
5°	11348	12863	11358	9759
10°	11278	14662	11259	8377
15°	11195	15897	11126	7569
20°	11054	17420	10953	6910
25°	10929	19960	10729	6520
30°	10748	21057	10562	6166
35°	10463	16880	10244	5882
40°	10018	11667	9871	5582
45°	9456	8686	9349	5332
50°	8812	7150	8667	5132
55°	8118	6099	8053	4959
60°	7436	5220	7307	4825
65°	6701	4508	6593	4629
70°	5925	3743	5846	4288
75°	5104	2894	5033	3721
80°	4030	1958	3884	2736
85°	2579	980	2493	1395

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°
 Vertical Angle: 45°
 Luminance: 17319 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	170.3	1.8
10°-20°	507.3	5.4
20°-30°	824.1	8.7
30°-40°	1007.2	10.6
40°-50°	913.6	9.6
50°-60°	727.7	7.7
60°-70°	506.8	5.4
70°-80°	270.0	2.9
80°-90°	69.4	0.7
90°-100°	106.6	1.1
100°-110°	316.8	3.3
110°-120°	537.3	5.7
120°-130°	707.3	7.5
130°-140°	792.6	8.4
140°-150°	776.9	8.2
150°-160°	652.5	6.9
160°-170°	433.8	4.6
170°-180°	151.8	1.6
0°-30°	1501.8	15.9
0°-40°	2509.0	26.5
0°-60°	4150.2	43.8
0°-90°	4996.5	52.8
90°-120°	960.7	10.1
90°-150°	3237.4	34.2
90°-180°	4475.0	47.2
0°-180°	9472.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1770	1770	1770	1770	1770	
5°	1768	2042	1770	1549	1768	168
15°	1699	2550	1689	1214	1699	480
25°	1564	3137	1535	1025	1564	720
35°	1361	2518	1333	877	1361	850
45°	1070	1187	1058	729	1070	824
55°	753	732	747	595	753	673
65°	466	449	458	461	466	462
75°	225	221	222	284	225	240
85°	45	50	44	71	45	54
90°	1	30	1	30	1	9
95°	81	107	81	107	81	85
105°	284	310	284	310	284	303
115°	538	543	538	543	538	532
125°	785	790	785	790	785	703
135°	1021	1025	1021	1025	1021	787
145°	1237	1242	1237	1242	1237	773
155°	1415	1415	1415	1415	1415	652
165°	1539	1535	1539	1535	1539	434
175°	1600	1594	1600	1594	1600	152
180°	1604	1604	1604	1604	1604	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8
2.5°	1772.8	1783.3	1795.3	1804.3	1819.3	1823.8	1831.4	1835.9	1840.4	1844.9	1847.9
5°	1768.3	1793.8	1816.3	1832.9	1861.4	1871.9	1885.4	1902.0	1921.5	1938.0	1948.5
7.5°	1756.2	1796.8	1826.8	1859.9	1899.0	1924.5	1938.0	1972.6	2004.1	2028.2	2059.7
10°	1741.2	1789.3	1835.9	1885.4	1941.0	1969.6	1996.6	2044.7	2088.3	2127.3	2158.9
12.5°	1724.7	1783.3	1838.9	1903.5	1978.6	2013.1	2031.2	2113.8	2167.9	2188.9	2250.5
15°	1699.1	1768.3	1847.9	1927.5	1990.6	2031.2	2080.7	2146.8	2200.9	2247.5	2297.1
17.5°	1675.1	1750.2	1831.4	1920.0	2011.6	2064.2	2101.8	2160.4	2219.0	2279.1	2325.6
20°	1636.0	1733.7	1816.3	1911.0	2019.1	2056.7	2095.8	2164.9	2228.0	2292.6	2351.2
22.5°	1604.5	1697.6	1810.3	1900.5	1992.1	2029.7	2077.7	2149.8	2225.0	2298.6	2384.2
25°	1563.9	1667.6	1765.3	1861.4	1956.0	1996.6	2040.2	2133.3	2211.4	2306.1	2400.7
27.5°	1520.4	1627.0	1724.7	1811.8	1900.5	1956.0	2002.6	2100.3	2203.9	2307.6	2430.8
30°	1473.8	1574.5	1667.6	1753.2	1850.9	1908.0	1954.5	2068.7	2184.4	2316.6	2463.8
32.5°	1424.2	1518.9	1598.5	1685.6	1789.3	1841.9	1905.0	2029.7	2166.4	2324.1	2508.9
35°	1361.1	1451.3	1521.9	1610.5	1714.2	1781.8	1847.9	1987.6	2146.8	2322.6	2534.4
37.5°	1298.0	1368.6	1436.2	1530.9	1651.1	1712.7	1781.8	1935.0	2116.8	2318.1	2545.0
40°	1222.9	1292.0	1350.6	1446.8	1573.0	1643.6	1715.7	1876.4	2082.2	2301.6	2507.4
42.5°	1147.8	1206.4	1271.0	1371.6	1493.3	1568.4	1645.1	1823.8	2037.2	2253.5	2403.7
45°	1069.7	1114.7	1185.3	1277.0	1406.2	1478.3	1565.4	1759.2	1974.1	2166.4	2241.5
47.5°	988.5	1033.6	1099.7	1188.4	1316.1	1401.7	1484.3	1678.1	1894.5	2043.2	2043.2
50°	910.4	946.5	1011.1	1099.7	1228.9	1307.0	1391.2	1597.0	1771.3	1880.9	1783.3
52.5°	826.3	866.9	920.9	1014.1	1141.8	1212.4	1304.0	1479.8	1645.1	1690.1	1539.9
55°	752.7	785.7	836.8	925.4	1044.1	1117.7	1195.9	1364.1	1503.8	1500.8	1340.1
57.5°	676.1	703.1	757.2	838.3	948.0	1014.1	1092.2	1237.9	1352.1	1311.5	1159.8
60°	605.4	625.0	677.6	743.7	848.8	910.4	985.5	1104.2	1191.4	1134.3	981.0
62.5°	531.8	554.4	596.4	661.0	754.2	803.8	859.3	979.5	1035.1	984.0	827.8
65°	465.7	483.8	521.3	575.4	659.5	704.6	752.7	851.8	904.4	830.8	701.6
67.5°	399.6	420.7	447.7	495.8	561.9	603.9	646.0	731.6	755.7	689.6	581.4
70°	338.0	356.1	381.6	416.1	471.7	509.3	540.8	611.5	628.0	566.4	480.7
72.5°	277.9	290.0	311.0	339.5	390.6	411.6	444.7	492.8	513.8	458.2	396.6
75°	225.4	234.4	247.9	268.9	303.5	326.0	353.1	398.1	396.6	357.6	314.0
77.5°	174.3	175.8	190.8	210.3	231.4	250.9	264.4	296.0	299.0	274.9	238.9
80°	124.7	129.2	135.2	150.2	168.3	175.8	192.3	211.8	214.8	196.8	172.8
82.5°	79.6	82.6	87.1	96.1	108.2	117.2	126.2	133.7	141.2	130.7	111.2
85°	45.1	46.6	51.1	54.1	60.1	64.6	72.1	79.6	78.1	70.6	64.6
87.5°	22.5	22.5	22.5	25.5	28.5	28.5	31.5	33.1	34.6	31.5	28.5
90°	1.2	3.4	5.6	7.9	10.1	11.2	12.2	14.1	16.1	18.0	20.0
92.5°	37.4	38.8	40.2	41.6	43.0	43.7	44.9	47.4	49.9	52.4	54.9
95°	81.1	81.7	82.2	82.8	83.3	83.6	85.0	87.8	90.5	93.3	96.1
97.5°	124.8	125.1	125.3	125.6	125.9	126.0	127.9	131.8	135.7	139.6	143.5
100°	174.7	174.7	174.7	174.7	174.7	174.7	176.5	180.1	183.7	187.3	190.9
102.5°	228.4	229.8	231.2	232.5	233.9	234.6	235.3	236.7	238.1	239.5	240.9
105°	284.5	285.9	287.3	288.7	290.1	290.8	291.6	293.3	295.0	296.6	298.3
107.5°	345.7	347.1	348.5	349.8	351.2	351.9	352.6	354.0	355.4	356.8	358.2
110°	409.3	410.7	412.1	413.5	414.9	415.6	416.0	416.8	417.7	418.5	419.3



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	474.2	474.8	475.3	475.9	476.4	476.7	477.3	478.4	479.5	480.6	481.7
115°	537.9	539.0	540.1	541.2	542.3	542.9	543.2	543.7	544.2	544.8	545.3
117.5°	602.8	603.1	603.3	603.6	603.9	604.0	604.3	604.8	605.4	605.9	606.5
120°	662.7	664.1	665.5	666.8	668.2	668.9	669.0	669.3	669.6	669.8	670.1
122.5°	727.5	727.8	728.1	728.4	728.7	728.8	729.2	730.0	730.9	731.7	732.5
125°	785.0	786.6	788.3	789.9	791.6	792.4	792.5	792.8	793.1	793.4	793.7
127.5°	848.6	849.4	850.2	851.1	851.9	852.3	852.4	852.7	853.0	853.3	853.6
130°	904.8	906.2	907.6	908.9	910.3	911.0	911.3	911.8	912.4	912.9	913.5
132.5°	960.9	963.4	965.9	968.4	970.9	972.1	972.0	971.7	971.4	971.2	970.9
135°	1020.8	1022.5	1024.1	1025.8	1027.5	1028.3	1028.4	1028.7	1029.0	1029.2	1029.5
137.5°	1077.0	1078.7	1080.3	1082.0	1083.7	1084.5	1084.8	1085.3	1085.9	1086.4	1087.0
140°	1130.6	1132.0	1133.4	1134.8	1136.2	1136.9	1137.3	1138.1	1139.0	1139.8	1140.6
142.5°	1184.3	1185.4	1186.5	1187.6	1188.7	1189.3	1189.9	1191.0	1192.1	1193.2	1194.3
145°	1236.7	1237.8	1238.9	1240.0	1241.1	1241.7	1242.1	1242.9	1243.8	1244.6	1245.4
147.5°	1285.4	1286.2	1287.0	1287.9	1288.7	1289.1	1289.4	1289.9	1290.5	1291.0	1291.6
150°	1334.0	1333.7	1333.5	1333.2	1332.9	1332.8	1333.4	1334.5	1335.6	1336.7	1337.8
152.5°	1374.0	1374.6	1375.1	1375.7	1376.2	1376.5	1376.6	1376.9	1377.2	1377.4	1377.7
155°	1415.2	1415.2	1415.2	1415.2	1415.2	1415.2	1415.3	1415.6	1415.9	1416.1	1416.4
157.5°	1452.6	1452.0	1451.5	1450.9	1450.4	1450.1	1450.2	1450.5	1450.8	1451.0	1451.3
160°	1485.0	1484.2	1483.4	1482.5	1481.7	1481.3	1481.4	1481.7	1482.0	1482.2	1482.5
162.5°	1513.7	1513.1	1512.6	1512.0	1511.5	1511.2	1511.2	1511.2	1511.2	1511.2	1511.2
165°	1538.7	1538.1	1537.6	1537.0	1536.5	1536.2	1536.3	1536.6	1536.9	1537.2	1537.5
167.5°	1561.2	1560.1	1559.0	1557.9	1556.8	1556.2	1556.2	1556.2	1556.2	1556.2	1556.2
170°	1578.6	1577.5	1576.4	1575.3	1574.2	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6
172.5°	1591.1	1590.0	1588.9	1587.8	1586.7	1586.1	1586.1	1586.1	1586.1	1586.1	1586.1
175°	1599.9	1598.8	1597.7	1596.6	1595.5	1594.9	1594.9	1594.9	1594.9	1594.9	1594.9
177.5°	1606.1	1605.0	1603.9	1602.8	1601.7	1601.1	1601.0	1600.7	1600.4	1600.2	1599.9
180°	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8
2.5°	1850.9	1861.4	1870.4	1877.9	1883.9	1892.9	1886.9	1888.4	1891.4	1897.5	1897.5
5°	1971.1	1987.6	1996.6	2026.7	2034.2	2032.7	2028.2	2052.2	2050.7	2041.7	2040.2
7.5°	2088.3	2116.8	2142.3	2166.4	2173.9	2193.4	2197.9	2208.4	2205.4	2220.5	2212.9
10°	2194.9	2240.0	2264.0	2300.1	2309.1	2318.1	2330.1	2336.1	2349.7	2348.2	2348.2
12.5°	2277.5	2331.6	2363.2	2372.2	2406.8	2417.3	2427.8	2447.3	2442.8	2444.3	2453.3
15°	2342.1	2394.7	2421.8	2463.8	2487.9	2499.9	2517.9	2539.0	2536.0	2549.5	2546.5
17.5°	2390.2	2439.8	2489.4	2552.5	2554.0	2585.5	2627.6	2636.6	2656.1	2642.6	2642.6
20°	2429.3	2495.4	2566.0	2647.1	2656.1	2675.7	2726.7	2761.3	2783.8	2776.3	2780.8
22.5°	2471.4	2566.0	2648.6	2729.8	2773.3	2807.9	2857.5	2911.5	2931.1	2943.1	2940.1
25°	2525.4	2624.6	2746.3	2859.0	2904.0	2970.1	3036.2	3088.8	3103.8	3136.9	3106.8
27.5°	2581.0	2720.7	2872.5	3004.7	3061.8	3115.9	3195.5	3234.5	3254.1	3269.1	3258.6
30°	2627.6	2819.9	2985.2	3106.8	3147.4	3179.0	3224.0	3233.0	3225.5	3237.5	3252.6
32.5°	2699.7	2887.5	3027.2	3085.8	3081.3	3079.8	3045.2	2997.2	2986.7	2958.1	2997.2
35°	2738.8	2889.0	2943.1	2865.0	2833.4	2776.3	2666.7	2594.5	2531.4	2517.9	2520.9
37.5°	2716.2	2774.8	2710.2	2504.4	2453.3	2366.2	2220.5	2118.3	2071.7	2035.7	2082.2
40°	2594.5	2529.9	2352.7	2101.8	2028.2	1945.5	1808.8	1753.2	1687.1	1673.6	1735.2
42.5°	2393.2	2196.4	1945.5	1751.7	1675.1	1628.5	1514.4	1461.8	1415.2	1394.2	1428.7
45°	2119.8	1880.9	1628.5	1469.3	1404.7	1349.1	1281.5	1225.9	1195.9	1186.8	1215.4
47.5°	1837.4	1585.0	1383.7	1265.0	1197.4	1155.3	1092.2	1060.7	1036.6	1039.6	1044.1
50°	1566.9	1337.1	1182.3	1063.7	1030.6	997.6	955.5	928.4	916.4	920.9	917.9
52.5°	1334.1	1147.8	1017.1	925.4	910.4	878.9	844.3	821.8	817.3	818.8	823.3
55°	1129.8	984.0	880.4	814.3	797.7	775.2	754.2	739.2	727.1	731.6	730.1
57.5°	975.0	847.3	767.7	713.6	701.6	688.1	668.5	661.0	656.5	647.5	655.0
60°	838.3	734.6	665.5	632.5	622.0	613.0	591.9	582.9	579.9	575.4	587.4
62.5°	709.1	635.5	582.9	552.9	542.3	533.3	522.8	515.3	516.8	510.8	516.8
65°	606.9	546.9	509.3	482.3	468.7	462.7	461.2	449.2	447.7	449.2	450.7
67.5°	512.3	461.2	432.7	416.1	405.6	399.6	395.1	387.6	393.6	389.1	392.1
70°	426.7	392.1	362.1	345.5	341.0	342.5	335.0	332.0	333.5	330.5	333.5
72.5°	344.0	315.5	303.5	291.5	285.4	283.9	279.4	274.9	279.4	277.9	277.9
75°	274.9	253.9	240.4	232.9	232.9	229.9	222.3	222.3	222.3	220.8	222.3
77.5°	211.8	193.8	187.8	180.3	180.3	175.8	174.3	174.3	171.3	175.8	172.8
80°	157.7	144.2	135.2	130.7	130.7	129.2	126.2	124.7	126.2	124.7	124.7
82.5°	102.2	96.1	91.6	87.1	85.6	87.1	85.6	82.6	84.1	82.6	85.6
85°	58.6	52.6	52.6	49.6	51.1	48.1	49.6	46.6	45.1	49.6	46.6
87.5°	25.5	24.0	24.0	21.0	21.0	21.0	19.5	21.0	19.5	18.0	19.5
90°	21.4	22.8	24.1	25.5	26.2	26.6	27.5	28.3	29.2	30.0	29.2
92.5°	56.8	58.8	60.7	62.6	63.6	63.9	64.4	65.0	65.5	66.1	65.5
95°	98.0	100.0	101.9	103.8	104.8	105.1	105.6	106.2	106.7	107.3	106.7
97.5°	145.2	146.8	148.5	150.2	151.0	151.1	151.4	151.7	151.9	152.2	151.9
100°	193.4	195.9	198.4	200.9	202.2	202.5	203.0	203.6	204.1	204.7	204.1
102.5°	243.7	246.4	249.2	251.9	253.3	253.7	254.6	255.4	256.3	257.1	256.3
105°	299.9	301.6	303.2	304.9	305.7	306.1	307.0	307.8	308.7	309.5	308.7
107.5°	359.0	359.8	360.7	361.5	361.9	361.9	361.9	361.9	361.9	361.9	361.9
110°	420.1	420.9	421.8	422.6	423.0	422.9	422.6	422.3	422.1	421.8	422.1



TEST NUMBER: P1035138

CATALOG NUMBER: S125DIW-B1270D1340UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	482.0	482.3	482.6	482.9	483.0	482.7	482.2	481.6	481.1	480.5	481.1
115°	545.0	544.8	544.5	544.2	544.1	544.0	543.7	543.4	543.2	542.9	543.2
117.5°	606.8	607.0	607.3	607.6	607.7	607.2	606.1	605.0	603.9	602.8	603.9
120°	670.1	670.1	670.1	670.1	670.1	669.5	668.4	667.3	666.2	665.1	666.2
122.5°	732.2	732.0	731.7	731.4	731.3	730.9	730.0	729.2	728.3	727.5	728.3
125°	793.1	792.6	792.0	791.5	791.2	791.1	790.8	790.5	790.2	789.9	790.2
127.5°	853.3	853.0	852.7	852.4	852.3	852.0	851.5	850.9	850.4	849.8	850.4
130°	913.2	912.9	912.6	912.3	912.2	911.9	911.4	910.8	910.3	909.7	910.3
132.5°	970.6	970.3	970.0	969.7	969.6	969.2	968.4	967.5	966.7	965.9	966.7
135°	1029.5	1029.5	1029.5	1029.5	1029.5	1029.0	1027.9	1026.8	1025.7	1024.6	1025.7
137.5°	1087.3	1087.5	1087.8	1088.1	1088.2	1087.5	1086.1	1084.8	1083.4	1082.0	1083.4
140°	1141.2	1141.7	1142.3	1142.8	1143.1	1142.4	1141.0	1139.7	1138.3	1136.9	1138.3
142.5°	1194.6	1194.8	1195.1	1195.4	1195.5	1194.8	1193.4	1192.1	1190.7	1189.3	1190.7
145°	1245.4	1245.4	1245.4	1245.4	1245.4	1245.0	1244.2	1243.3	1242.5	1241.7	1242.5
147.5°	1292.4	1293.3	1294.1	1295.0	1295.4	1294.3	1292.1	1289.8	1287.6	1285.4	1287.6
150°	1337.8	1337.8	1337.8	1337.8	1337.8	1337.5	1337.0	1336.4	1335.9	1335.3	1335.9
152.5°	1378.5	1379.4	1380.2	1381.1	1381.5	1380.9	1379.8	1378.7	1377.6	1376.5	1377.6
155°	1417.5	1418.6	1419.7	1420.8	1421.4	1420.7	1419.3	1418.0	1416.6	1415.2	1416.6
157.5°	1452.4	1453.5	1454.6	1455.7	1456.3	1455.3	1453.4	1451.5	1449.5	1447.6	1449.5
160°	1483.6	1484.7	1485.8	1486.9	1487.5	1486.8	1485.4	1484.1	1482.7	1481.3	1482.7
162.5°	1512.6	1514.0	1515.4	1516.8	1517.5	1516.7	1515.0	1513.3	1511.7	1510.0	1511.7
165°	1538.6	1539.7	1540.8	1541.9	1542.4	1541.6	1539.9	1538.3	1536.6	1535.0	1536.6
167.5°	1557.9	1559.5	1561.2	1562.9	1563.7	1562.9	1561.2	1559.5	1557.9	1556.2	1557.9
170°	1575.3	1576.9	1578.6	1580.3	1581.1	1580.1	1578.2	1576.3	1574.3	1572.4	1574.3
172.5°	1587.8	1589.4	1591.1	1592.8	1593.6	1592.8	1591.1	1589.4	1587.8	1586.1	1587.8
175°	1596.5	1598.2	1599.8	1601.5	1602.3	1601.3	1599.4	1597.5	1595.5	1593.6	1595.5
177.5°	1601.5	1603.2	1604.8	1606.5	1607.3	1606.3	1604.4	1602.5	1600.5	1598.6	1600.5
180°	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6



TEST NUMBER: P1035138
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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8
2.5°	1894.5	1883.9	1886.9	1883.9	1876.4	1871.9	1859.9	1844.9	1838.9	1831.4	1826.8
5°	2046.2	2038.7	2037.2	2025.2	2022.2	2004.1	1974.1	1959.1	1941.0	1923.0	1905.0
7.5°	2211.4	2202.4	2172.4	2167.9	2170.9	2148.3	2109.3	2079.2	2041.7	2016.1	1981.6
10°	2348.2	2330.1	2304.6	2306.1	2295.6	2265.5	2226.5	2194.9	2140.8	2107.8	2058.2
12.5°	2430.8	2415.8	2412.8	2397.7	2388.7	2349.7	2303.1	2262.5	2222.0	2176.9	2139.3
15°	2531.4	2511.9	2498.4	2477.4	2471.4	2430.8	2379.7	2333.1	2286.6	2244.5	2164.9
17.5°	2642.6	2621.6	2570.5	2566.0	2529.9	2490.9	2441.3	2372.2	2322.6	2262.5	2203.9
20°	2768.8	2738.8	2672.7	2656.1	2627.6	2563.0	2495.4	2418.8	2339.1	2277.5	2208.4
22.5°	2910.0	2857.5	2809.4	2756.8	2735.8	2656.1	2563.0	2469.8	2373.7	2289.6	2206.9
25°	3093.3	3024.2	2956.6	2904.0	2868.0	2764.3	2639.6	2516.4	2405.2	2295.6	2187.4
27.5°	3237.5	3177.5	3103.8	3034.7	2988.2	2865.0	2722.2	2563.0	2424.8	2291.1	2175.4
30°	3248.1	3230.0	3185.0	3147.4	3096.3	2964.1	2806.4	2626.1	2454.8	2292.6	2151.4
32.5°	3051.3	3087.3	3106.8	3112.9	3102.3	3025.7	2881.5	2683.2	2481.9	2279.1	2130.3
35°	2627.6	2723.7	2842.4	2887.5	2931.1	2971.6	2896.5	2723.7	2490.9	2276.0	2097.3
37.5°	2163.4	2250.5	2447.3	2537.5	2588.5	2749.3	2810.9	2717.7	2508.9	2279.1	2065.7
40°	1745.7	1883.9	2025.2	2146.8	2226.5	2406.8	2597.5	2618.6	2483.4	2250.5	2025.2
42.5°	1469.3	1550.4	1657.1	1769.8	1840.4	2053.7	2312.1	2463.8	2403.7	2203.9	1975.6
45°	1251.5	1311.5	1412.2	1449.8	1539.9	1744.2	2017.6	2237.0	2267.0	2130.3	1918.5
47.5°	1074.2	1125.3	1189.9	1236.4	1308.5	1461.8	1693.1	1935.0	2079.2	2029.7	1838.9
50°	946.5	988.5	1042.6	1069.7	1116.2	1254.5	1428.7	1669.1	1862.9	1879.4	1735.2
52.5°	839.8	863.8	905.9	936.0	973.5	1057.6	1215.4	1413.7	1631.5	1721.7	1607.5
55°	746.7	766.2	803.8	823.3	842.8	914.9	1038.1	1218.4	1422.7	1541.4	1476.8
57.5°	662.5	679.1	710.6	728.6	739.2	808.3	902.9	1044.1	1227.4	1371.6	1335.6
60°	593.4	608.4	626.5	640.0	652.0	709.1	775.2	889.4	1053.1	1192.9	1183.8
62.5°	519.8	533.3	552.9	566.4	576.9	613.0	668.5	755.7	895.4	1024.6	1050.1
65°	455.2	465.7	479.2	485.3	498.8	525.8	570.9	649.0	763.2	878.9	896.9
67.5°	396.6	399.6	408.6	422.2	425.2	449.2	489.8	548.4	637.0	731.6	760.2
70°	333.5	338.0	345.5	356.1	362.1	377.1	411.6	450.7	527.3	610.0	631.0
72.5°	277.9	283.9	286.9	293.0	296.0	320.0	335.0	374.1	426.7	495.8	518.3
75°	225.4	231.4	232.9	235.9	238.9	249.4	270.4	294.5	338.0	383.1	413.1
77.5°	178.8	177.3	180.3	184.8	183.3	192.3	205.8	226.9	255.4	293.0	312.5
80°	126.2	126.2	130.7	135.2	133.7	142.7	147.2	162.3	186.3	210.3	217.8
82.5°	84.1	84.1	88.6	88.6	91.6	93.1	99.2	106.7	126.2	138.2	142.7
85°	48.1	48.1	49.6	49.6	49.6	52.6	57.1	60.1	66.1	73.6	76.6
87.5°	19.5	21.0	21.0	21.0	21.0	24.0	24.0	27.0	28.5	31.5	31.5
90°	28.3	27.5	26.6	26.2	25.5	24.1	22.8	21.4	20.0	18.0	16.1
92.5°	65.0	64.4	63.9	63.6	62.6	60.7	58.8	56.8	54.9	52.4	49.9
95°	106.2	105.6	105.1	104.8	103.8	101.9	100.0	98.0	96.1	93.3	90.5
97.5°	151.7	151.4	151.1	151.0	150.2	148.5	146.8	145.2	143.5	139.6	135.7
100°	203.6	203.0	202.5	202.2	200.9	198.4	195.9	193.4	190.9	187.3	183.7
102.5°	255.4	254.6	253.7	253.3	251.9	249.2	246.4	243.7	240.9	239.5	238.1
105°	307.8	307.0	306.1	305.7	304.9	303.2	301.6	299.9	298.3	296.6	295.0
107.5°	361.9	361.9	361.9	361.9	361.5	360.7	359.8	359.0	358.2	356.8	355.4
110°	422.3	422.6	422.9	423.0	422.6	421.8	420.9	420.1	419.3	418.5	417.7



TEST NUMBER: P1035138

CATALOG NUMBER: S125DIW-B1270D1340UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	481.6	482.2	482.7	483.0	482.9	482.6	482.3	482.0	481.7	480.6	479.5
115°	543.4	543.7	544.0	544.1	544.2	544.5	544.8	545.0	545.3	544.8	544.2
117.5°	605.0	606.1	607.2	607.7	607.6	607.3	607.0	606.8	606.5	605.9	605.4
120°	667.3	668.4	669.5	670.1	670.1	670.1	670.1	670.1	670.1	669.8	669.6
122.5°	729.2	730.0	730.9	731.3	731.4	731.7	732.0	732.2	732.5	731.7	730.9
125°	790.5	790.8	791.1	791.2	791.5	792.0	792.6	793.1	793.7	793.4	793.1
127.5°	850.9	851.5	852.0	852.3	852.4	852.7	853.0	853.3	853.6	853.3	853.0
130°	910.8	911.4	911.9	912.2	912.3	912.6	912.9	913.2	913.5	912.9	912.4
132.5°	967.5	968.4	969.2	969.6	969.7	970.0	970.3	970.6	970.9	971.2	971.4
135°	1026.8	1027.9	1029.0	1029.5	1029.5	1029.5	1029.5	1029.5	1029.5	1029.2	1029.0
137.5°	1084.8	1086.1	1087.5	1088.2	1088.1	1087.8	1087.5	1087.3	1087.0	1086.4	1085.9
140°	1139.7	1141.0	1142.4	1143.1	1142.8	1142.3	1141.7	1141.2	1140.6	1139.8	1139.0
142.5°	1192.1	1193.4	1194.8	1195.5	1195.4	1195.1	1194.8	1194.6	1194.3	1193.2	1192.1
145°	1243.3	1244.2	1245.0	1245.4	1245.4	1245.4	1245.4	1245.4	1245.4	1244.6	1243.8
147.5°	1289.8	1292.1	1294.3	1295.4	1295.0	1294.1	1293.3	1292.4	1291.6	1291.0	1290.5
150°	1336.4	1337.0	1337.5	1337.8	1337.8	1337.8	1337.8	1337.8	1337.8	1336.7	1335.6
152.5°	1378.7	1379.8	1380.9	1381.5	1381.1	1380.2	1379.4	1378.5	1377.7	1377.4	1377.2
155°	1418.0	1419.3	1420.7	1421.4	1420.8	1419.7	1418.6	1417.5	1416.4	1416.1	1415.9
157.5°	1451.5	1453.4	1455.3	1456.3	1455.7	1454.6	1453.5	1452.4	1451.3	1451.0	1450.8
160°	1484.1	1485.4	1486.8	1487.5	1486.9	1485.8	1484.7	1483.6	1482.5	1482.2	1482.0
162.5°	1513.3	1515.0	1516.7	1517.5	1516.8	1515.4	1514.0	1512.6	1511.2	1511.2	1511.2
165°	1538.3	1539.9	1541.6	1542.4	1541.9	1540.8	1539.7	1538.6	1537.5	1537.2	1536.9
167.5°	1559.5	1561.2	1562.9	1563.7	1562.9	1561.2	1559.5	1557.9	1556.2	1556.2	1556.2
170°	1576.3	1578.2	1580.1	1581.1	1580.3	1578.6	1576.9	1575.3	1573.6	1573.6	1573.6
172.5°	1589.4	1591.1	1592.8	1593.6	1592.8	1591.1	1589.4	1587.8	1586.1	1586.1	1586.1
175°	1597.5	1599.4	1601.3	1602.3	1601.5	1599.8	1598.2	1596.5	1594.9	1594.9	1594.9
177.5°	1602.5	1604.4	1606.3	1607.3	1606.5	1604.8	1603.2	1601.5	1599.9	1600.2	1600.4
180°	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6



TEST NUMBER: P1035138
 CATALOG NUMBER: S125DIW-B1270D1340UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8
2.5°	1820.8	1813.3	1804.3	1804.3	1793.8	1789.3	1780.3	1777.3	1769.8	1757.7	1748.7
5°	1885.4	1865.9	1853.9	1843.4	1820.8	1804.3	1787.8	1769.8	1751.7	1730.7	1706.7
7.5°	1948.5	1912.5	1896.0	1877.9	1844.9	1810.3	1777.3	1753.2	1729.2	1696.1	1666.1
10°	2014.6	1969.6	1939.5	1915.5	1864.4	1820.8	1772.8	1738.2	1700.6	1658.6	1619.5
12.5°	2070.2	2011.6	1986.1	1941.0	1882.4	1829.9	1769.8	1717.2	1667.6	1618.0	1569.9
15°	2116.8	2061.2	1998.1	1980.1	1899.0	1823.8	1756.2	1688.6	1627.0	1577.5	1521.9
17.5°	2131.8	2061.2	2029.7	1986.1	1889.9	1811.8	1726.2	1652.6	1594.0	1520.4	1476.8
20°	2136.3	2068.7	2025.2	1984.6	1899.0	1795.3	1711.2	1621.0	1550.4	1476.8	1407.7
22.5°	2124.3	2044.7	2002.6	1963.6	1867.4	1778.8	1681.1	1582.0	1499.3	1431.7	1362.6
25°	2101.8	2008.6	1968.1	1926.0	1834.4	1736.7	1630.0	1535.4	1458.8	1377.6	1310.0
27.5°	2071.7	1965.1	1918.5	1874.9	1784.8	1693.1	1592.5	1494.8	1409.2	1323.6	1260.5
30°	2034.2	1911.0	1868.9	1811.8	1724.7	1637.6	1545.9	1448.3	1352.1	1271.0	1201.9
32.5°	1986.1	1856.9	1801.3	1747.2	1652.6	1573.0	1485.8	1394.2	1301.0	1221.4	1149.3
35°	1942.5	1795.3	1733.7	1679.6	1574.5	1490.3	1418.2	1332.6	1249.9	1167.3	1102.7
37.5°	1883.9	1733.7	1660.1	1604.5	1497.8	1412.2	1344.6	1278.5	1191.4	1111.7	1051.6
40°	1822.3	1657.1	1588.0	1532.4	1421.2	1328.1	1263.5	1204.9	1134.3	1060.7	997.6
42.5°	1766.8	1583.5	1509.9	1442.2	1329.6	1246.9	1180.8	1135.8	1071.2	1005.1	948.0
45°	1696.1	1505.3	1425.7	1355.1	1246.9	1156.8	1093.7	1057.6	1009.6	945.0	895.4
47.5°	1624.0	1421.2	1338.6	1269.5	1152.3	1072.7	1011.1	976.5	943.5	892.4	842.8
50°	1529.4	1332.6	1257.5	1177.8	1062.2	981.0	929.9	895.4	869.9	833.8	791.7
52.5°	1425.7	1240.9	1159.8	1090.7	976.5	902.9	844.3	824.8	799.2	772.2	736.1
55°	1316.1	1141.8	1063.7	996.1	890.9	815.8	767.7	746.7	727.1	706.1	682.1
57.5°	1206.4	1038.1	964.5	904.4	806.8	734.6	695.6	667.0	653.5	641.5	622.0
60°	1069.7	926.9	869.9	815.8	719.6	653.5	616.0	594.9	582.9	576.9	567.9
62.5°	949.5	832.3	769.2	716.6	640.0	581.4	545.3	528.8	518.3	515.3	504.8
65°	821.8	721.1	671.5	626.5	560.4	507.8	477.7	458.2	450.7	449.2	449.2
67.5°	701.6	620.5	570.9	539.3	482.3	435.7	407.1	399.6	395.1	389.1	387.6
70°	588.9	524.3	480.7	453.7	402.6	368.1	345.5	333.5	333.5	329.0	326.0
72.5°	489.8	425.2	396.6	374.1	332.0	302.0	285.4	282.4	271.9	270.4	270.4
75°	383.1	335.0	315.5	296.0	264.4	243.4	229.9	222.3	216.3	216.3	217.8
77.5°	288.4	255.4	237.4	222.3	199.8	186.3	175.8	172.8	166.8	166.8	166.8
80°	204.3	186.3	172.8	160.8	144.2	132.2	126.2	120.2	120.2	118.7	120.2
82.5°	132.2	117.2	109.7	108.2	93.1	88.6	81.1	82.6	78.1	76.6	79.6
85°	76.6	69.1	60.1	57.1	51.1	45.1	42.1	43.6	42.1	40.6	42.1
87.5°	30.0	25.5	24.0	24.0	19.5	18.0	16.5	18.0	15.0	15.0	16.5
90°	14.1	12.2	11.2	10.1	7.9	5.6	3.4	1.2	3.4	5.6	7.9
92.5°	47.4	44.9	43.7	43.0	41.6	40.2	38.8	37.4	38.8	40.2	41.6
95°	87.8	85.0	83.6	83.3	82.8	82.2	81.7	81.1	81.7	82.2	82.8
97.5°	131.8	127.9	126.0	125.9	125.6	125.3	125.1	124.8	125.1	125.3	125.6
100°	180.1	176.5	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7	174.7
102.5°	236.7	235.3	234.6	233.9	232.5	231.2	229.8	228.4	229.8	231.2	232.5
105°	293.3	291.6	290.8	290.1	288.7	287.3	285.9	284.5	285.9	287.3	288.7
107.5°	354.0	352.6	351.9	351.2	349.8	348.5	347.1	345.7	347.1	348.5	349.8
110°	416.8	416.0	415.6	414.9	413.5	412.1	410.7	409.3	410.7	412.1	413.5



TEST NUMBER: P1035138

CATALOG NUMBER: S125DIW-B1270D1340UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	478.4	477.3	476.7	476.4	475.9	475.3	474.8	474.2	474.8	475.3	475.9
115°	543.7	543.2	542.9	542.3	541.2	540.1	539.0	537.9	539.0	540.1	541.2
117.5°	604.8	604.3	604.0	603.9	603.6	603.3	603.1	602.8	603.1	603.3	603.6
120°	669.3	669.0	668.9	668.2	666.8	665.5	664.1	662.7	664.1	665.5	666.8
122.5°	730.0	729.2	728.8	728.7	728.4	728.1	727.8	727.5	727.8	728.1	728.4
125°	792.8	792.5	792.4	791.6	789.9	788.3	786.6	785.0	786.6	788.3	789.9
127.5°	852.7	852.4	852.3	851.9	851.1	850.2	849.4	848.6	849.4	850.2	851.1
130°	911.8	911.3	911.0	910.3	908.9	907.6	906.2	904.8	906.2	907.6	908.9
132.5°	971.7	972.0	972.1	970.9	968.4	965.9	963.4	960.9	963.4	965.9	968.4
135°	1028.7	1028.4	1028.3	1027.5	1025.8	1024.1	1022.5	1020.8	1022.5	1024.1	1025.8
137.5°	1085.3	1084.8	1084.5	1083.7	1082.0	1080.3	1078.7	1077.0	1078.7	1080.3	1082.0
140°	1138.1	1137.3	1136.9	1136.2	1134.8	1133.4	1132.0	1130.6	1132.0	1133.4	1134.8
142.5°	1191.0	1189.9	1189.3	1188.7	1187.6	1186.5	1185.4	1184.3	1185.4	1186.5	1187.6
145°	1242.9	1242.1	1241.7	1241.1	1240.0	1238.9	1237.8	1236.7	1237.8	1238.9	1240.0
147.5°	1289.9	1289.4	1289.1	1288.7	1287.9	1287.0	1286.2	1285.4	1286.2	1287.0	1287.9
150°	1334.5	1333.4	1332.8	1332.9	1333.2	1333.5	1333.7	1334.0	1333.7	1333.5	1333.2
152.5°	1376.9	1376.6	1376.5	1376.2	1375.7	1375.1	1374.6	1374.0	1374.6	1375.1	1375.7
155°	1415.6	1415.3	1415.2	1415.2	1415.2	1415.2	1415.2	1415.2	1415.2	1415.2	1415.2
157.5°	1450.5	1450.2	1450.1	1450.4	1450.9	1451.5	1452.0	1452.6	1452.0	1451.5	1450.9
160°	1481.7	1481.4	1481.3	1481.7	1482.5	1483.4	1484.2	1485.0	1484.2	1483.4	1482.5
162.5°	1511.2	1511.2	1511.2	1511.5	1512.0	1512.6	1513.1	1513.7	1513.1	1512.6	1512.0
165°	1536.6	1536.3	1536.2	1536.5	1537.0	1537.6	1538.1	1538.7	1538.1	1537.6	1537.0
167.5°	1556.2	1556.2	1556.2	1556.8	1557.9	1559.0	1560.1	1561.2	1560.1	1559.0	1557.9
170°	1573.6	1573.6	1573.6	1574.2	1575.3	1576.4	1577.5	1578.6	1577.5	1576.4	1575.3
172.5°	1586.1	1586.1	1586.1	1586.7	1587.8	1588.9	1590.0	1591.1	1590.0	1588.9	1587.8
175°	1594.9	1594.9	1594.9	1595.5	1596.6	1597.7	1598.8	1599.9	1598.8	1597.7	1596.6
177.5°	1600.7	1601.0	1601.1	1601.7	1602.8	1603.9	1605.0	1606.1	1605.0	1603.9	1602.8
180°	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6



TEST NUMBER: P1035138
 CATALOG NUMBER: S125DIW-B1270D1340UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8
2.5°	1745.7	1742.7	1735.2	1730.7	1715.7	1697.6	1691.6	1676.6	1682.6	1672.1	1672.1
5°	1699.1	1685.6	1676.6	1663.1	1634.5	1615.0	1594.0	1583.5	1577.5	1569.9	1563.9
7.5°	1639.1	1628.5	1619.5	1594.0	1562.4	1535.4	1509.9	1499.3	1479.8	1466.3	1460.3
10°	1586.5	1571.4	1550.4	1520.4	1487.3	1452.8	1430.2	1407.7	1392.7	1385.2	1368.6
12.5°	1532.4	1514.4	1491.8	1448.3	1412.2	1391.2	1350.6	1329.6	1322.1	1316.1	1296.5
15°	1476.8	1457.3	1430.2	1389.7	1358.1	1308.5	1284.5	1268.0	1249.9	1248.4	1233.4
17.5°	1427.2	1403.2	1380.7	1331.1	1292.0	1248.4	1234.9	1216.9	1200.4	1182.3	1174.8
20°	1364.1	1341.6	1325.1	1271.0	1227.4	1200.4	1177.8	1162.8	1152.3	1134.3	1131.3
22.5°	1307.0	1283.0	1260.5	1219.9	1182.3	1147.8	1120.7	1104.2	1099.7	1092.2	1078.7
25°	1251.5	1227.4	1200.4	1162.8	1123.8	1099.7	1075.7	1065.2	1056.1	1044.1	1033.6
27.5°	1204.9	1182.3	1156.8	1110.2	1077.2	1059.2	1033.6	1021.6	1009.6	1003.6	999.1
30°	1149.3	1123.8	1104.2	1068.2	1032.1	1008.1	990.0	979.5	969.0	963.0	960.0
32.5°	1095.2	1071.2	1057.6	1018.6	990.0	961.5	948.0	940.5	934.5	928.4	922.4
35°	1051.6	1027.6	1006.6	970.5	942.0	922.4	911.9	899.9	895.4	889.4	889.4
37.5°	997.6	979.5	958.5	923.9	898.4	883.4	874.4	859.3	857.8	854.8	850.3
40°	951.0	933.0	913.4	883.4	860.8	842.8	830.8	823.3	818.8	815.8	812.8
42.5°	901.4	881.9	872.9	838.3	818.8	800.7	794.7	787.2	785.7	779.7	772.2
45°	853.3	836.8	818.8	793.2	776.7	761.7	752.7	746.7	739.2	737.6	733.1
47.5°	811.3	791.7	775.2	751.2	733.1	721.1	713.6	706.1	700.1	695.6	691.1
50°	757.2	742.2	728.6	703.1	688.1	676.1	665.5	659.5	653.5	653.5	653.5
52.5°	704.6	691.1	679.1	661.0	643.0	632.5	620.5	616.0	613.0	608.4	613.0
55°	653.5	640.0	628.0	614.5	593.4	584.4	572.4	567.9	569.4	569.4	573.9
57.5°	599.4	588.9	581.4	564.9	545.3	536.3	528.8	524.3	524.3	530.3	531.8
60°	546.9	536.3	522.8	507.8	495.8	485.3	480.7	482.3	482.3	485.3	492.8
62.5°	488.3	482.3	474.7	453.7	446.2	438.7	432.7	437.2	435.7	443.2	453.7
65°	434.2	428.2	417.7	407.1	398.1	390.6	389.1	390.6	393.6	401.1	413.1
67.5°	374.1	374.1	365.1	356.1	348.5	341.0	342.5	344.0	347.0	356.1	374.1
70°	324.5	318.5	309.5	303.5	297.5	294.5	291.5	297.5	306.5	312.5	326.0
72.5°	270.4	265.9	258.4	252.4	250.9	247.9	246.4	249.4	258.4	268.9	283.9
75°	213.3	214.8	210.3	205.8	205.8	201.3	204.3	204.3	213.3	223.8	235.9
77.5°	165.3	163.8	162.3	159.2	157.7	157.7	157.7	160.8	169.8	175.8	187.8
80°	117.2	118.7	114.2	115.7	114.2	115.7	115.7	121.7	126.2	133.7	142.7
82.5°	78.1	78.1	75.1	76.6	76.6	76.6	78.1	81.1	87.1	93.1	99.2
85°	43.6	45.1	42.1	45.1	45.1	45.1	46.6	48.1	52.6	54.1	60.1
87.5°	16.5	19.5	19.5	16.5	18.0	19.5	21.0	19.5	22.5	25.5	27.0
90°	10.1	11.2	12.2	14.1	16.1	18.0	20.0	21.4	22.8	24.1	25.5
92.5°	43.0	43.7	44.9	47.4	49.9	52.4	54.9	56.8	58.8	60.7	62.6
95°	83.3	83.6	85.0	87.8	90.5	93.3	96.1	98.0	100.0	101.9	103.8
97.5°	125.9	126.0	127.9	131.8	135.7	139.6	143.5	145.2	146.8	148.5	150.2
100°	174.7	174.7	176.5	180.1	183.7	187.3	190.9	193.4	195.9	198.4	200.9
102.5°	233.9	234.6	235.3	236.7	238.1	239.5	240.9	243.7	246.4	249.2	251.9
105°	290.1	290.8	291.6	293.3	295.0	296.6	298.3	299.9	301.6	303.2	304.9
107.5°	351.2	351.9	352.6	354.0	355.4	356.8	358.2	359.0	359.8	360.7	361.5
110°	414.9	415.6	416.0	416.8	417.7	418.5	419.3	420.1	420.9	421.8	422.6



TEST NUMBER: P1035138

CATALOG NUMBER: S125DIW-B1270D1340UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	476.4	476.7	477.3	478.4	479.5	480.6	481.7	482.0	482.3	482.6	482.9
115°	542.3	542.9	543.2	543.7	544.2	544.8	545.3	545.0	544.8	544.5	544.2
117.5°	603.9	604.0	604.3	604.8	605.4	605.9	606.5	606.8	607.0	607.3	607.6
120°	668.2	668.9	669.0	669.3	669.6	669.8	670.1	670.1	670.1	670.1	670.1
122.5°	728.7	728.8	729.2	730.0	730.9	731.7	732.5	732.2	732.0	731.7	731.4
125°	791.6	792.4	792.5	792.8	793.1	793.4	793.7	793.1	792.6	792.0	791.5
127.5°	851.9	852.3	852.4	852.7	853.0	853.3	853.6	853.3	853.0	852.7	852.4
130°	910.3	911.0	911.3	911.8	912.4	912.9	913.5	913.2	912.9	912.6	912.3
132.5°	970.9	972.1	972.0	971.7	971.4	971.2	970.9	970.6	970.3	970.0	969.7
135°	1027.5	1028.3	1028.4	1028.7	1029.0	1029.2	1029.5	1029.5	1029.5	1029.5	1029.5
137.5°	1083.7	1084.5	1084.8	1085.3	1085.9	1086.4	1087.0	1087.3	1087.5	1087.8	1088.1
140°	1136.2	1136.9	1137.3	1138.1	1139.0	1139.8	1140.6	1141.2	1141.7	1142.3	1142.8
142.5°	1188.7	1189.3	1189.9	1191.0	1192.1	1193.2	1194.3	1194.6	1194.8	1195.1	1195.4
145°	1241.1	1241.7	1242.1	1242.9	1243.8	1244.6	1245.4	1245.4	1245.4	1245.4	1245.4
147.5°	1288.7	1289.1	1289.4	1289.9	1290.5	1291.0	1291.6	1292.4	1293.3	1294.1	1295.0
150°	1332.9	1332.8	1333.4	1334.5	1335.6	1336.7	1337.8	1337.8	1337.8	1337.8	1337.8
152.5°	1376.2	1376.5	1376.6	1376.9	1377.2	1377.4	1377.7	1378.5	1379.4	1380.2	1381.1
155°	1415.2	1415.2	1415.3	1415.6	1415.9	1416.1	1416.4	1417.5	1418.6	1419.7	1420.8
157.5°	1450.4	1450.1	1450.2	1450.5	1450.8	1451.0	1451.3	1452.4	1453.5	1454.6	1455.7
160°	1481.7	1481.3	1481.4	1481.7	1482.0	1482.2	1482.5	1483.6	1484.7	1485.8	1486.9
162.5°	1511.5	1511.2	1511.2	1511.2	1511.2	1511.2	1511.2	1512.6	1514.0	1515.4	1516.8
165°	1536.5	1536.2	1536.3	1536.6	1536.9	1537.2	1537.5	1538.6	1539.7	1540.8	1541.9
167.5°	1556.8	1556.2	1556.2	1556.2	1556.2	1556.2	1556.2	1557.9	1559.5	1561.2	1562.9
170°	1574.2	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1575.3	1576.9	1578.6	1580.3
172.5°	1586.7	1586.1	1586.1	1586.1	1586.1	1586.1	1586.1	1587.8	1589.4	1591.1	1592.8
175°	1595.5	1594.9	1594.9	1594.9	1594.9	1594.9	1594.9	1596.5	1598.2	1599.8	1601.5
177.5°	1601.7	1601.1	1601.0	1600.7	1600.4	1600.2	1599.9	1601.5	1603.2	1604.8	1606.5
180°	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6



TEST NUMBER: P1035138
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8
2.5°	1678.1	1667.6	1666.1	1669.1	1663.1	1672.1	1669.1	1672.1	1664.6	1672.1	1667.6
5°	1562.4	1559.4	1553.4	1545.9	1547.4	1548.9	1556.4	1548.9	1554.9	1556.4	1563.9
7.5°	1454.3	1448.3	1452.8	1449.8	1436.2	1433.2	1436.2	1440.7	1449.8	1455.8	1460.3
10°	1367.1	1364.1	1358.1	1353.6	1346.1	1341.6	1347.6	1341.6	1353.6	1364.1	1364.1
12.5°	1301.0	1289.0	1281.5	1280.0	1263.5	1266.5	1272.5	1277.0	1290.5	1296.5	1296.5
15°	1231.9	1222.9	1219.9	1213.9	1207.9	1213.9	1210.9	1215.4	1221.4	1227.4	1230.4
17.5°	1171.8	1170.3	1171.8	1156.8	1161.3	1153.8	1155.3	1162.8	1158.3	1162.8	1171.8
20°	1117.7	1120.7	1116.2	1110.2	1110.2	1101.2	1111.7	1108.7	1110.2	1119.2	1132.8
22.5°	1077.2	1075.7	1071.2	1066.7	1060.7	1062.2	1063.7	1060.7	1072.7	1080.2	1081.7
25°	1033.6	1030.6	1029.1	1024.6	1018.6	1024.6	1023.1	1024.6	1027.6	1039.6	1030.6
27.5°	993.0	987.0	990.0	985.5	984.0	985.5	985.5	987.0	990.0	991.5	993.0
30°	958.5	952.5	951.0	948.0	946.5	948.0	951.0	948.0	960.0	958.5	958.5
32.5°	920.9	916.4	913.4	913.4	911.9	910.4	911.9	913.4	922.4	916.4	922.4
35°	884.9	881.9	881.9	878.9	877.4	877.4	877.4	883.4	880.4	884.9	884.9
37.5°	850.3	850.3	848.8	845.8	844.3	845.8	844.3	847.3	845.8	847.3	848.8
40°	814.3	811.3	809.8	809.8	805.3	800.7	805.3	805.3	806.8	811.3	812.8
42.5°	770.7	772.2	772.2	766.2	766.2	766.2	767.7	769.2	769.2	772.2	772.2
45°	733.1	730.1	730.1	730.1	727.1	728.6	731.6	731.6	731.6	731.6	728.6
47.5°	691.1	691.1	692.6	692.6	697.1	695.6	695.6	694.1	691.1	691.1	692.6
50°	652.0	656.5	658.0	658.0	659.5	661.0	661.0	658.0	656.5	652.0	652.0
52.5°	614.5	617.5	620.5	625.0	628.0	626.5	626.5	623.5	617.5	616.0	614.5
55°	573.9	578.4	584.4	588.9	593.4	594.9	594.9	588.9	582.9	575.4	575.4
57.5°	536.3	540.8	551.4	555.9	561.9	561.9	558.9	554.4	545.3	539.3	534.8
60°	498.8	506.3	513.8	522.8	530.3	531.8	527.3	521.3	510.8	503.3	497.3
62.5°	458.2	465.7	480.7	489.8	495.8	495.8	495.8	488.3	474.7	464.2	455.2
65°	419.2	426.7	440.2	452.2	456.7	461.2	456.7	449.2	438.7	426.7	417.7
67.5°	378.6	387.6	401.1	410.1	416.1	420.7	417.7	411.6	398.1	381.6	375.6
70°	333.5	338.0	357.6	366.6	375.6	378.6	375.6	366.6	353.1	335.0	329.0
72.5°	291.5	296.0	314.0	321.5	329.0	332.0	327.5	321.5	309.5	293.0	285.4
75°	243.4	250.9	259.9	271.9	280.9	283.9	279.4	274.9	259.9	249.4	243.4
77.5°	192.3	199.8	211.8	222.3	231.4	229.9	223.8	225.4	208.8	196.8	192.3
80°	145.7	151.7	160.8	169.8	174.3	174.3	172.8	166.8	160.8	151.7	144.2
82.5°	100.7	108.2	115.7	121.7	121.7	123.2	120.2	118.7	112.7	105.2	103.7
85°	60.1	61.6	67.6	67.6	73.6	70.6	69.1	73.6	67.6	63.1	61.6
87.5°	27.0	25.5	27.0	27.0	25.5	28.5	28.5	27.0	28.5	27.0	27.0
90°	26.2	26.6	27.5	28.3	29.2	30.0	29.2	28.3	27.5	26.6	26.2
92.5°	63.6	63.9	64.4	65.0	65.5	66.1	65.5	65.0	64.4	63.9	63.6
95°	104.8	105.1	105.6	106.2	106.7	107.3	106.7	106.2	105.6	105.1	104.8
97.5°	151.0	151.1	151.4	151.7	151.9	152.2	151.9	151.7	151.4	151.1	151.0
100°	202.2	202.5	203.0	203.6	204.1	204.7	204.1	203.6	203.0	202.5	202.2
102.5°	253.3	253.7	254.6	255.4	256.3	257.1	256.3	255.4	254.6	253.7	253.3
105°	305.7	306.1	307.0	307.8	308.7	309.5	308.7	307.8	307.0	306.1	305.7
107.5°	361.9	361.9	361.9	361.9	361.9	361.9	361.9	361.9	361.9	361.9	361.9
110°	423.0	422.9	422.6	422.3	422.1	421.8	422.1	422.3	422.6	422.9	423.0



TEST NUMBER: P1035138

CATALOG NUMBER: S125DIW-B1270D1340UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	483.0	482.7	482.2	481.6	481.1	480.5	481.1	481.6	482.2	482.7	483.0
115°	544.1	544.0	543.7	543.4	543.2	542.9	543.2	543.4	543.7	544.0	544.1
117.5°	607.7	607.2	606.1	605.0	603.9	602.8	603.9	605.0	606.1	607.2	607.7
120°	670.1	669.5	668.4	667.3	666.2	665.1	666.2	667.3	668.4	669.5	670.1
122.5°	731.3	730.9	730.0	729.2	728.3	727.5	728.3	729.2	730.0	730.9	731.3
125°	791.2	791.1	790.8	790.5	790.2	789.9	790.2	790.5	790.8	791.1	791.2
127.5°	852.3	852.0	851.5	850.9	850.4	849.8	850.4	850.9	851.5	852.0	852.3
130°	912.2	911.9	911.4	910.8	910.3	909.7	910.3	910.8	911.4	911.9	912.2
132.5°	969.6	969.2	968.4	967.5	966.7	965.9	966.7	967.5	968.4	969.2	969.6
135°	1029.5	1029.0	1027.9	1026.8	1025.7	1024.6	1025.7	1026.8	1027.9	1029.0	1029.5
137.5°	1088.2	1087.5	1086.1	1084.8	1083.4	1082.0	1083.4	1084.8	1086.1	1087.5	1088.2
140°	1143.1	1142.4	1141.0	1139.7	1138.3	1136.9	1138.3	1139.7	1141.0	1142.4	1143.1
142.5°	1195.5	1194.8	1193.4	1192.1	1190.7	1189.3	1190.7	1192.1	1193.4	1194.8	1195.5
145°	1245.4	1245.0	1244.2	1243.3	1242.5	1241.7	1242.5	1243.3	1244.2	1245.0	1245.4
147.5°	1295.4	1294.3	1292.1	1289.8	1287.6	1285.4	1287.6	1289.8	1292.1	1294.3	1295.4
150°	1337.8	1337.5	1337.0	1336.4	1335.9	1335.3	1335.9	1336.4	1337.0	1337.5	1337.8
152.5°	1381.5	1380.9	1379.8	1378.7	1377.6	1376.5	1377.6	1378.7	1379.8	1380.9	1381.5
155°	1421.4	1420.7	1419.3	1418.0	1416.6	1415.2	1416.6	1418.0	1419.3	1420.7	1421.4
157.5°	1456.3	1455.3	1453.4	1451.5	1449.5	1447.6	1449.5	1451.5	1453.4	1455.3	1456.3
160°	1487.5	1486.8	1485.4	1484.1	1482.7	1481.3	1482.7	1484.1	1485.4	1486.8	1487.5
162.5°	1517.5	1516.7	1515.0	1513.3	1511.7	1510.0	1511.7	1513.3	1515.0	1516.7	1517.5
165°	1542.4	1541.6	1539.9	1538.3	1536.6	1535.0	1536.6	1538.3	1539.9	1541.6	1542.4
167.5°	1563.7	1562.9	1561.2	1559.5	1557.9	1556.2	1557.9	1559.5	1561.2	1562.9	1563.7
170°	1581.1	1580.1	1578.2	1576.3	1574.3	1572.4	1574.3	1576.3	1578.2	1580.1	1581.1
172.5°	1593.6	1592.8	1591.1	1589.4	1587.8	1586.1	1587.8	1589.4	1591.1	1592.8	1593.6
175°	1602.3	1601.3	1599.4	1597.5	1595.5	1593.6	1595.5	1597.5	1599.4	1601.3	1602.3
177.5°	1607.3	1606.3	1604.4	1602.5	1600.5	1598.6	1600.5	1602.5	1604.4	1606.3	1607.3
180°	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6



TEST NUMBER: P1035138
 CATALOG NUMBER: S125DIW-B1270D1340UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8	1769.8
2.5°	1681.1	1672.1	1682.6	1669.1	1672.1	1688.6	1687.1	1702.2	1711.2	1709.7	1717.2
5°	1569.9	1569.9	1574.5	1573.0	1588.0	1601.5	1619.5	1634.5	1651.1	1660.1	1670.6
7.5°	1460.3	1475.3	1478.3	1485.8	1503.8	1526.4	1544.4	1566.9	1591.0	1607.5	1619.5
10°	1370.1	1382.2	1394.2	1400.2	1419.7	1449.8	1475.3	1511.4	1541.4	1559.4	1576.0
12.5°	1290.5	1304.0	1310.0	1337.1	1350.6	1370.1	1406.2	1445.3	1478.3	1497.8	1511.4
15°	1233.4	1240.9	1254.5	1271.0	1284.5	1308.5	1338.6	1382.2	1413.7	1430.2	1476.8
17.5°	1185.3	1194.4	1201.9	1209.4	1230.4	1256.0	1284.5	1322.1	1362.6	1391.2	1415.2
20°	1135.8	1140.3	1149.3	1161.3	1176.3	1200.4	1225.9	1265.0	1301.0	1323.6	1355.1
22.5°	1077.2	1090.7	1099.7	1108.7	1125.3	1152.3	1176.3	1204.9	1249.9	1275.5	1308.5
25°	1042.6	1048.6	1054.6	1065.2	1077.2	1101.2	1128.3	1158.3	1194.4	1221.4	1249.9
27.5°	997.6	1006.6	1014.1	1027.6	1035.1	1054.6	1080.2	1110.2	1153.8	1176.3	1200.4
30°	960.0	969.0	975.0	981.0	991.5	1012.6	1036.6	1060.7	1101.2	1129.8	1153.8
32.5°	922.4	931.5	939.0	943.5	954.0	967.5	987.0	1017.1	1051.6	1071.2	1102.7
35°	889.4	889.4	898.4	904.4	913.4	925.4	943.5	966.0	1002.1	1027.6	1056.1
37.5°	851.8	853.3	860.8	865.3	874.4	886.4	904.4	925.4	955.5	975.0	1003.6
40°	812.8	817.3	820.3	827.8	838.3	842.8	860.8	884.9	914.9	933.0	957.0
42.5°	773.7	776.7	784.2	790.2	799.2	806.8	818.8	841.3	863.8	890.9	910.4
45°	730.1	737.6	742.2	752.7	757.2	764.7	776.7	794.7	821.8	838.3	860.8
47.5°	692.6	695.6	698.6	712.1	721.1	725.6	737.6	748.2	776.7	791.7	812.8
50°	652.0	652.0	656.5	662.5	673.0	682.1	692.6	704.6	727.1	742.2	763.2
52.5°	614.5	610.0	613.0	616.0	626.5	635.5	646.0	662.5	683.6	692.6	710.6
55°	573.9	566.4	570.9	575.4	578.4	590.4	602.4	613.0	629.5	643.0	659.5
57.5°	530.3	528.8	525.8	527.3	534.8	542.3	551.4	564.9	584.4	594.9	603.9
60°	491.3	482.3	479.2	482.3	486.8	491.3	503.3	515.3	531.8	542.3	552.9
62.5°	450.7	441.7	435.7	431.2	435.7	446.2	453.7	462.7	476.2	488.3	497.3
65°	411.6	398.1	392.1	389.1	387.6	395.1	401.1	413.1	425.2	429.7	440.2
67.5°	368.1	356.1	348.5	344.0	344.0	344.0	350.0	362.1	374.1	375.6	386.1
70°	324.5	311.0	303.5	297.5	294.5	297.5	305.0	306.5	317.0	320.0	326.0
72.5°	277.9	265.9	256.9	249.4	250.9	253.9	253.9	256.9	262.9	270.4	270.4
75°	234.4	217.8	213.3	207.3	204.3	204.3	204.3	210.3	214.8	220.8	219.3
77.5°	184.8	175.8	166.8	163.8	159.2	157.7	160.8	160.8	163.8	168.3	169.8
80°	142.7	132.2	126.2	123.2	117.2	115.7	117.2	117.2	121.7	120.2	121.7
82.5°	99.2	91.6	87.1	82.6	79.6	81.1	79.6	79.6	81.1	79.6	79.6
85°	57.1	55.6	52.6	51.1	49.6	46.6	49.6	48.1	46.6	45.1	48.1
87.5°	27.0	25.5	25.5	22.5	22.5	21.0	22.5	22.5	21.0	21.0	21.0
90°	25.5	24.1	22.8	21.4	20.0	18.0	16.1	14.1	12.2	11.2	10.1
92.5°	62.6	60.7	58.8	56.8	54.9	52.4	49.9	47.4	44.9	43.7	43.0
95°	103.8	101.9	100.0	98.0	96.1	93.3	90.5	87.8	85.0	83.6	83.3
97.5°	150.2	148.5	146.8	145.2	143.5	139.6	135.7	131.8	127.9	126.0	125.9
100°	200.9	198.4	195.9	193.4	190.9	187.3	183.7	180.1	176.5	174.7	174.7
102.5°	251.9	249.2	246.4	243.7	240.9	239.5	238.1	236.7	235.3	234.6	233.9
105°	304.9	303.2	301.6	299.9	298.3	296.6	295.0	293.3	291.6	290.8	290.1
107.5°	361.5	360.7	359.8	359.0	358.2	356.8	355.4	354.0	352.6	351.9	351.2
110°	422.6	421.8	420.9	420.1	419.3	418.5	417.7	416.8	416.0	415.6	414.9



TEST NUMBER: P1035138

CATALOG NUMBER: S125DIW-B1270D1340UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	482.9	482.6	482.3	482.0	481.7	480.6	479.5	478.4	477.3	476.7	476.4
115°	544.2	544.5	544.8	545.0	545.3	544.8	544.2	543.7	543.2	542.9	542.3
117.5°	607.6	607.3	607.0	606.8	606.5	605.9	605.4	604.8	604.3	604.0	603.9
120°	670.1	670.1	670.1	670.1	670.1	669.8	669.6	669.3	669.0	668.9	668.2
122.5°	731.4	731.7	732.0	732.2	732.5	731.7	730.9	730.0	729.2	728.8	728.7
125°	791.5	792.0	792.6	793.1	793.7	793.4	793.1	792.8	792.5	792.4	791.6
127.5°	852.4	852.7	853.0	853.3	853.6	853.3	853.0	852.7	852.4	852.3	851.9
130°	912.3	912.6	912.9	913.2	913.5	912.9	912.4	911.8	911.3	911.0	910.3
132.5°	969.7	970.0	970.3	970.6	970.9	971.2	971.4	971.7	972.0	972.1	970.9
135°	1029.5	1029.5	1029.5	1029.5	1029.5	1029.2	1029.0	1028.7	1028.4	1028.3	1027.5
137.5°	1088.1	1087.8	1087.5	1087.3	1087.0	1086.4	1085.9	1085.3	1084.8	1084.5	1083.7
140°	1142.8	1142.3	1141.7	1141.2	1140.6	1139.8	1139.0	1138.1	1137.3	1136.9	1136.2
142.5°	1195.4	1195.1	1194.8	1194.6	1194.3	1193.2	1192.1	1191.0	1189.9	1189.3	1188.7
145°	1245.4	1245.4	1245.4	1245.4	1245.4	1244.6	1243.8	1242.9	1242.1	1241.7	1241.1
147.5°	1295.0	1294.1	1293.3	1292.4	1291.6	1291.0	1290.5	1289.9	1289.4	1289.1	1288.7
150°	1337.8	1337.8	1337.8	1337.8	1337.8	1336.7	1335.6	1334.5	1333.4	1332.8	1332.9
152.5°	1381.1	1380.2	1379.4	1378.5	1377.7	1377.4	1377.2	1376.9	1376.6	1376.5	1376.2
155°	1420.8	1419.7	1418.6	1417.5	1416.4	1416.1	1415.9	1415.6	1415.3	1415.2	1415.2
157.5°	1455.7	1454.6	1453.5	1452.4	1451.3	1451.0	1450.8	1450.5	1450.2	1450.1	1450.4
160°	1486.9	1485.8	1484.7	1483.6	1482.5	1482.2	1482.0	1481.7	1481.4	1481.3	1481.7
162.5°	1516.8	1515.4	1514.0	1512.6	1511.2	1511.2	1511.2	1511.2	1511.2	1511.2	1511.5
165°	1541.9	1540.8	1539.7	1538.6	1537.5	1537.2	1536.9	1536.6	1536.3	1536.2	1536.5
167.5°	1562.9	1561.2	1559.5	1557.9	1556.2	1556.2	1556.2	1556.2	1556.2	1556.2	1556.8
170°	1580.3	1578.6	1576.9	1575.3	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1574.2
172.5°	1592.8	1591.1	1589.4	1587.8	1586.1	1586.1	1586.1	1586.1	1586.1	1586.1	1586.7
175°	1601.5	1599.8	1598.2	1596.5	1594.9	1594.9	1594.9	1594.9	1594.9	1594.9	1595.5
177.5°	1606.5	1604.8	1603.2	1601.5	1599.9	1600.2	1600.4	1600.7	1601.0	1601.1	1601.7
180°	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6	1603.6



TEST NUMBER: P1035138

CATALOG NUMBER: S125DIW-B1270D1340UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1769.8	1769.8	1769.8	1769.8
2.5°	1727.7	1742.7	1753.2	1772.8
5°	1688.6	1715.7	1741.2	1768.3
7.5°	1649.6	1681.1	1721.7	1756.2
10°	1606.0	1646.6	1694.6	1741.2
12.5°	1562.4	1610.5	1663.1	1724.7
15°	1509.9	1571.4	1633.0	1699.1
17.5°	1463.3	1526.4	1592.5	1675.1
20°	1410.7	1479.8	1551.9	1636.0
22.5°	1364.1	1440.7	1515.9	1604.5
25°	1311.5	1386.7	1469.3	1563.9
27.5°	1268.0	1337.1	1418.2	1520.4
30°	1215.4	1290.5	1371.6	1473.8
32.5°	1165.8	1237.9	1323.6	1424.2
35°	1114.7	1188.4	1265.0	1361.1
37.5°	1066.7	1129.8	1206.4	1298.0
40°	1012.6	1081.7	1150.8	1222.9
42.5°	963.0	1026.1	1090.7	1147.8
45°	907.4	961.5	1023.1	1069.7
47.5°	856.3	904.4	952.5	988.5
50°	805.3	842.8	878.9	910.4
52.5°	745.2	787.2	806.8	826.3
55°	691.1	715.1	733.1	752.7
57.5°	638.5	649.0	658.0	676.1
60°	569.4	581.4	591.9	605.4
62.5°	509.3	515.3	518.3	531.8
65°	452.2	450.7	458.2	465.7
67.5°	390.6	389.1	396.6	399.6
70°	330.5	329.0	330.5	338.0
72.5°	273.4	273.4	274.9	277.9
75°	220.8	220.8	222.3	225.4
77.5°	166.8	169.8	168.3	174.3
80°	121.7	118.7	121.7	124.7
82.5°	79.6	82.6	82.6	79.6
85°	45.1	45.1	45.1	45.1
87.5°	19.5	19.5	21.0	22.5
90°	7.9	5.6	3.4	1.2
92.5°	41.6	40.2	38.8	37.4
95°	82.8	82.2	81.7	81.1
97.5°	125.6	125.3	125.1	124.8
100°	174.7	174.7	174.7	174.7
102.5°	232.5	231.2	229.8	228.4
105°	288.7	287.3	285.9	284.5
107.5°	349.8	348.5	347.1	345.7
110°	413.5	412.1	410.7	409.3



TEST NUMBER: P1035138

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	475.9	475.3	474.8	474.2
115°	541.2	540.1	539.0	537.9
117.5°	603.6	603.3	603.1	602.8
120°	666.8	665.5	664.1	662.7
122.5°	728.4	728.1	727.8	727.5
125°	789.9	788.3	786.6	785.0
127.5°	851.1	850.2	849.4	848.6
130°	908.9	907.6	906.2	904.8
132.5°	968.4	965.9	963.4	960.9
135°	1025.8	1024.1	1022.5	1020.8
137.5°	1082.0	1080.3	1078.7	1077.0
140°	1134.8	1133.4	1132.0	1130.6
142.5°	1187.6	1186.5	1185.4	1184.3
145°	1240.0	1238.9	1237.8	1236.7
147.5°	1287.9	1287.0	1286.2	1285.4
150°	1333.2	1333.5	1333.7	1334.0
152.5°	1375.7	1375.1	1374.6	1374.0
155°	1415.2	1415.2	1415.2	1415.2
157.5°	1450.9	1451.5	1452.0	1452.6
160°	1482.5	1483.4	1484.2	1485.0
162.5°	1512.0	1512.6	1513.1	1513.7
165°	1537.0	1537.6	1538.1	1538.7
167.5°	1557.9	1559.0	1560.1	1561.2
170°	1575.3	1576.4	1577.5	1578.6
172.5°	1587.8	1588.9	1590.0	1591.1
175°	1596.6	1597.7	1598.8	1599.9
177.5°	1602.8	1603.9	1605.0	1606.1
180°	1603.6	1603.6	1603.6	1603.6

(END OF REPORT)