

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: P1033946

Luminaire Tested: S124RDIW-B1195D1340UB30-4F0-XX-W2A-A

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1033946
REPORT IS A COMBINATION OF REPORTS P1000103 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124RDIW-B1195D1340UB30-4F0-XX-W2A-A
Description: Define 4 Regressed Direct/Indirect Wall Mount with 3000K BioUP LEDs {m-DER=0.589}
{m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

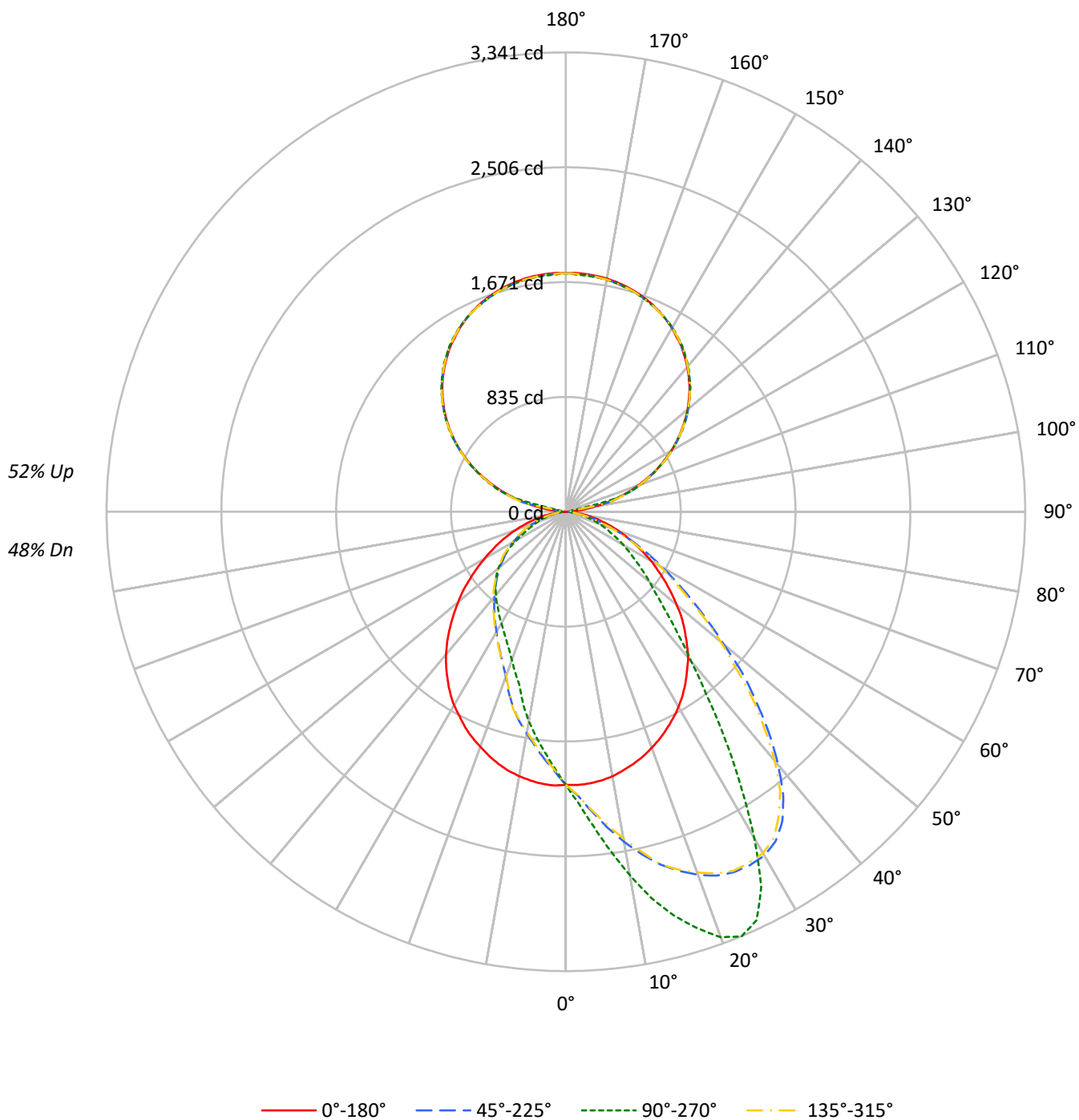
Lumens per Lamp: N/A
Luminaire Lumens: 10392.0 lumens
Efficiency: N/A
Efficacy: 100.5 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 103.4
Input Voltage (V):
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: 24 FT

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Luminous Intensity Polar Plot



TEST NUMBER: P1033946

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	55	55	55	48		
1	98	94	90	87	90	86	83	80	73	71	69	60	59	57	49	48	47	42		
2	89	82	76	72	82	76	71	67	64	61	57	54	51	49	44	42	40	36		
3	82	73	66	60	75	67	61	56	57	53	49	48	44	42	39	37	35	31		
4	75	65	57	51	69	60	53	48	51	46	42	43	39	36	35	32	30	27		
5	69	58	50	44	63	54	47	41	46	40	36	39	35	31	32	29	27	23		
6	64	52	44	38	59	48	41	36	41	36	32	35	31	28	29	26	24	21		
7	59	47	39	34	54	44	37	32	38	32	28	32	28	25	27	23	21	18		
8	55	43	35	30	50	40	33	28	34	29	25	29	25	22	24	21	19	17		
9	51	39	32	27	47	36	30	25	32	26	23	27	23	20	23	19	17	15		
10	48	36	29	24	44	33	27	23	29	24	20	25	21	18	21	18	16	14		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16194	16194	16194	16194
5°	16194	18298	16220	13985
10°	16107	21093	16094	12163
15°	15915	23740	15915	10183
20°	15715	25739	15632	8967
25°	15470	25848	15399	8099
30°	15210	21980	15091	7502
35°	14842	16585	14654	7057
40°	14432	12019	14148	6709
45°	13755	9134	13413	6401
50°	12951	7383	12596	5951
55°	12081	6113	11686	5351
60°	11207	5169	10706	4450
65°	10111	4210	9788	3537
70°	9105	3414	8674	2873
75°	7977	2460	7423	2105
80°	6581	1631	5988	1548
85°	4774	838	3959	838

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 20273 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	192.3	1.9
10°-20°	580.7	5.6
20°-30°	909.6	8.8
30°-40°	1010.1	9.7
40°-50°	895.1	8.6
50°-60°	697.6	6.7
60°-70°	456.3	4.4
70°-80°	223.9	2.2
80°-90°	58.1	0.6
90°-100°	57.6	0.6
100°-110°	379.3	3.6
110°-120°	724.2	7.0
120°-130°	919.4	8.8
130°-140°	983.6	9.5
140°-150°	919.7	8.8
150°-160°	741.6	7.1
160°-170°	478.3	4.6
170°-180°	164.8	1.6
0°-30°	1682.6	16.2
0°-40°	2692.7	25.9
0°-60°	4285.3	41.2
0°-90°	5023.6	48.3
90°-120°	1161.0	11.2
90°-150°	3983.6	38.3
90°-180°	5368.0	51.7
0°-180°	10392.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1986	1986	1986	1986	1986	
5°	1983	2295	1986	1754	1983	188
15°	1898	3040	1898	1304	1898	535
25°	1739	3279	1731	1027	1739	802
35°	1517	2020	1498	859	1517	948
45°	1223	1032	1192	723	1223	943
55°	880	616	851	539	880	787
65°	552	360	534	302	552	551
75°	277	166	258	142	277	294
85°	66	40	54	40	66	74
90°	4	39	4	39	4	8
95°	71	38	71	38	71	88
105°	391	370	391	370	391	409
115°	729	734	729	734	729	718
125°	1025	1033	1025	1033	1025	915
135°	1272	1281	1272	1281	1272	980
145°	1466	1474	1466	1474	1466	916
155°	1608	1606	1608	1606	1608	741
165°	1696	1688	1696	1688	1696	479
175°	1735	1724	1735	1724	1735	165
180°	1735	1735	1735	1735	1735	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9
2.5°	1989.1	2006.7	2016.3	2024.3	2040.3	2046.7	2059.5	2062.7	2075.5	2073.9	2069.1
5°	1982.7	2013.1	2035.5	2059.5	2088.3	2104.3	2121.9	2147.5	2160.3	2177.9	2189.1
7.5°	1971.4	2013.1	2049.9	2086.7	2133.1	2158.7	2181.1	2221.1	2254.7	2283.5	2315.5
10°	1953.8	2006.7	2061.1	2110.7	2174.7	2205.1	2238.7	2297.9	2344.3	2384.3	2435.5
12.5°	1926.6	2000.3	2061.1	2128.3	2209.9	2251.5	2296.3	2366.7	2421.1	2486.7	2550.7
15°	1897.8	1979.5	2059.5	2147.5	2240.3	2288.3	2333.1	2427.5	2510.7	2585.9	2656.3
17.5°	1865.8	1955.4	2043.5	2141.1	2253.1	2312.3	2365.1	2478.7	2569.9	2667.5	2737.9
20°	1827.4	1925.0	2025.9	2134.7	2261.1	2326.7	2385.9	2515.5	2616.3	2721.9	2810.0
22.5°	1785.8	1891.4	2001.9	2120.3	2251.5	2323.5	2392.3	2531.5	2648.3	2745.9	2864.4
25°	1739.4	1851.4	1965.0	2089.9	2237.1	2315.5	2385.9	2523.5	2648.3	2776.4	2891.6
27.5°	1691.4	1806.6	1925.0	2056.3	2206.7	2283.5	2363.5	2496.3	2641.9	2781.2	2898.0
30°	1638.6	1750.6	1875.4	2000.3	2160.3	2237.1	2318.7	2462.7	2621.1	2760.3	2886.8
32.5°	1581.0	1696.2	1814.6	1944.2	2101.1	2184.3	2259.5	2422.7	2584.3	2721.9	2840.4
35°	1517.0	1625.8	1737.8	1870.6	2025.9	2101.1	2190.7	2360.3	2523.5	2669.1	2745.9
37.5°	1448.2	1552.2	1656.2	1787.4	1936.2	2027.5	2115.5	2286.7	2459.5	2557.1	2597.1
40°	1384.2	1475.4	1566.6	1693.0	1843.4	1937.8	2027.5	2205.1	2357.1	2432.3	2401.9
42.5°	1302.6	1397.0	1478.6	1595.4	1747.4	1835.4	1926.6	2110.7	2233.9	2264.3	2189.1
45°	1222.6	1301.0	1379.4	1493.0	1653.0	1728.2	1825.8	1997.1	2099.5	2072.3	1961.8
47.5°	1144.1	1208.2	1281.8	1392.2	1536.2	1625.8	1717.0	1865.8	1937.8	1899.4	1745.8
50°	1051.3	1115.3	1192.2	1288.2	1427.4	1513.8	1585.8	1723.4	1777.8	1683.4	1497.8
52.5°	963.3	1019.3	1084.9	1174.5	1307.4	1385.8	1464.2	1582.6	1600.2	1491.4	1296.2
55°	880.1	924.9	993.7	1065.7	1187.4	1270.6	1325.0	1425.8	1421.0	1285.0	1116.9
57.5°	793.7	835.3	881.7	956.9	1072.1	1134.5	1193.8	1281.8	1235.4	1120.1	953.7
60°	716.9	740.9	787.3	859.3	956.9	1011.3	1057.7	1105.7	1065.7	940.9	812.9
62.5°	632.1	659.3	692.9	750.5	836.9	888.1	921.7	942.5	900.9	804.9	688.1
65°	552.1	576.1	611.3	662.5	728.1	766.5	784.1	798.5	776.1	667.3	574.5
67.5°	480.1	496.1	528.1	561.7	632.1	641.7	665.7	672.1	627.3	544.1	470.5
70°	408.1	424.1	438.5	478.5	510.5	528.1	532.9	532.9	488.1	433.7	372.8
72.5°	340.8	350.4	364.8	392.0	409.7	422.5	428.9	420.9	379.2	334.4	289.6
75°	276.8	281.6	294.4	312.0	326.4	321.6	320.0	310.4	280.0	248.0	222.4
77.5°	212.8	216.0	230.4	235.2	235.2	240.0	233.6	224.0	198.4	174.4	163.2
80°	160.0	164.8	166.4	169.6	166.4	166.4	161.6	145.6	132.8	121.6	113.6
82.5°	110.4	113.6	115.2	110.4	113.6	108.8	100.8	89.6	81.6	80.0	76.8
85°	65.6	67.2	65.6	65.6	60.8	59.2	52.8	51.2	48.0	48.0	46.4
87.5°	32.0	30.4	27.2	24.0	24.0	22.4	24.0	20.8	24.0	22.4	20.8
90°	3.9	7.1	10.3	13.4	16.6	18.2	19.3	21.6	23.9	26.2	28.5
92.5°	19.5	18.9	18.3	17.8	17.2	16.9	18.0	20.3	22.6	24.9	27.2
95°	71.4	61.6	51.8	41.9	32.1	27.2	27.3	27.6	27.9	28.2	28.5
97.5°	136.2	142.6	148.9	155.3	161.6	164.8	149.7	119.4	89.1	58.8	28.5
100°	212.8	218.0	223.2	228.4	233.6	236.2	216.3	176.5	136.7	96.9	57.1
102.5°	298.5	301.9	305.4	308.8	312.3	314.0	315.7	319.2	322.7	326.1	329.6
105°	390.6	392.3	394.1	395.8	397.5	398.4	399.1	400.6	402.0	403.5	404.9
107.5°	474.9	475.8	476.6	477.5	478.4	478.8	479.8	481.8	483.9	485.9	487.9
110°	560.6	561.5	562.3	563.2	564.1	564.5	565.4	567.1	568.8	570.5	572.2



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	643.6	645.3	647.1	648.8	650.5	651.4	651.7	652.3	652.8	653.4	654.0
115°	729.3	730.2	731.0	731.9	732.8	733.2	733.1	732.8	732.5	732.2	731.9
117.5°	805.8	807.0	808.1	809.3	810.4	811.0	811.4	812.3	813.2	814.0	814.9
120°	883.7	884.9	886.0	887.2	888.3	888.9	888.8	888.5	888.2	887.9	887.6
122.5°	956.3	956.9	957.5	958.0	958.6	958.9	959.2	959.8	960.3	960.9	961.5
125°	1025.1	1026.3	1027.4	1028.6	1029.7	1030.3	1030.0	1029.4	1028.9	1028.3	1027.7
127.5°	1091.3	1091.6	1091.9	1092.2	1092.5	1092.6	1093.3	1094.8	1096.2	1097.7	1099.1
130°	1154.9	1155.2	1155.5	1155.8	1156.1	1156.2	1156.6	1157.5	1158.4	1159.2	1160.1
132.5°	1213.3	1213.9	1214.5	1215.0	1215.6	1215.9	1216.5	1217.6	1218.8	1219.9	1221.1
135°	1271.7	1271.4	1271.1	1270.8	1270.5	1270.4	1271.0	1272.1	1273.3	1274.4	1275.6
137.5°	1323.6	1323.6	1323.6	1323.6	1323.6	1323.6	1324.3	1325.8	1327.2	1328.7	1330.1
140°	1374.2	1374.8	1375.4	1375.9	1376.5	1376.8	1377.1	1377.7	1378.2	1378.8	1379.4
142.5°	1419.6	1420.8	1421.9	1423.1	1424.2	1424.8	1424.9	1425.2	1425.5	1425.8	1426.1
145°	1466.3	1467.2	1468.0	1468.9	1469.8	1470.2	1470.2	1470.2	1470.2	1470.2	1470.2
147.5°	1502.6	1504.3	1506.1	1507.8	1509.5	1510.4	1510.3	1510.0	1509.7	1509.4	1509.1
150°	1542.9	1544.1	1545.2	1546.4	1547.5	1548.1	1548.0	1547.7	1547.4	1547.1	1546.8
152.5°	1576.6	1577.5	1578.3	1579.2	1580.1	1580.5	1580.2	1579.6	1579.1	1578.5	1577.9
155°	1607.7	1608.0	1608.3	1608.6	1608.9	1609.0	1608.6	1607.7	1606.8	1606.0	1605.1
157.5°	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1634.4	1633.3	1632.1	1631.0	1629.8
160°	1658.3	1657.5	1656.6	1655.8	1654.9	1654.5	1654.4	1654.1	1653.8	1653.5	1653.2
162.5°	1679.1	1677.9	1676.8	1675.6	1674.5	1673.9	1673.8	1673.5	1673.2	1672.9	1672.6
165°	1696.0	1694.6	1693.1	1691.7	1690.2	1689.5	1689.5	1689.5	1689.5	1689.5	1689.5
167.5°	1710.3	1708.9	1707.4	1706.0	1704.5	1703.8	1703.7	1703.4	1703.1	1702.8	1702.5
170°	1721.9	1720.2	1718.4	1716.7	1715.0	1714.1	1714.2	1714.5	1714.8	1715.1	1715.4
172.5°	1729.7	1728.0	1726.2	1724.5	1722.8	1721.9	1722.0	1722.3	1722.6	1722.9	1723.2
175°	1734.9	1733.2	1731.4	1729.7	1728.0	1727.1	1727.2	1727.5	1727.8	1728.1	1728.4
177.5°	1738.8	1736.8	1734.8	1732.7	1730.7	1729.7	1730.0	1730.6	1731.1	1731.7	1732.3
180°	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9
2.5°	2081.9	2099.5	2101.1	2117.1	2112.3	2104.3	2118.7	2109.1	2128.3	2121.9	2129.9
5°	2203.5	2227.5	2248.3	2261.1	2283.5	2278.7	2302.7	2294.7	2312.3	2294.7	2317.1
7.5°	2345.9	2385.9	2406.7	2440.3	2449.9	2451.5	2480.3	2486.7	2497.9	2486.7	2499.5
10°	2485.1	2533.1	2581.1	2608.3	2625.9	2649.9	2675.5	2686.7	2694.7	2683.5	2691.5
12.5°	2611.5	2686.7	2739.5	2794.0	2806.8	2827.6	2854.8	2851.6	2883.6	2877.2	2891.6
15°	2728.3	2811.6	2875.6	2918.8	2954.0	2971.6	3022.8	3026.0	3024.4	3040.4	3030.8
17.5°	2832.4	2902.8	2994.0	3050.0	3093.2	3093.2	3122.0	3181.2	3176.4	3174.8	3184.4
20°	2917.2	2997.2	3082.0	3176.4	3211.6	3218.0	3258.0	3288.4	3293.2	3293.2	3293.2
22.5°	2981.2	3075.6	3166.8	3234.0	3261.2	3283.6	3318.8	3338.0	3344.4	3341.2	3344.4
25°	3013.2	3102.8	3195.6	3256.4	3272.4	3285.2	3288.4	3299.6	3298.0	3278.8	3290.0
27.5°	3019.6	3106.0	3166.8	3182.8	3174.8	3166.8	3115.6	3120.4	3106.0	3077.2	3088.4
30°	2990.8	3037.2	3035.6	2986.0	2971.6	2938.0	2891.6	2822.8	2766.8	2742.7	2750.7
32.5°	2886.8	2886.8	2829.2	2717.1	2667.5	2606.7	2523.5	2461.1	2387.5	2371.5	2401.9
35°	2742.7	2661.1	2555.5	2408.3	2333.1	2288.3	2144.3	2099.5	2037.1	2019.5	2033.9
37.5°	2518.7	2382.7	2229.1	2091.5	2027.5	1947.4	1821.0	1757.0	1712.2	1681.8	1696.2
40°	2267.5	2102.7	1942.6	1773.0	1702.6	1637.0	1542.6	1485.0	1413.0	1416.2	1421.0
42.5°	2027.5	1833.8	1654.6	1497.8	1430.6	1376.2	1310.6	1240.2	1214.6	1206.6	1198.6
45°	1773.0	1566.6	1398.6	1281.8	1221.0	1169.7	1108.9	1068.9	1038.5	1032.1	1040.1
47.5°	1533.0	1358.6	1198.6	1089.7	1040.1	1014.5	966.5	929.7	910.5	894.5	904.1
50°	1315.4	1152.1	1024.1	932.9	897.7	880.1	835.3	816.1	796.9	792.1	790.5
52.5°	1136.1	996.9	886.5	812.9	785.7	776.1	742.5	715.3	699.3	704.1	707.3
55°	972.9	854.5	768.1	708.9	686.5	675.3	651.3	632.1	620.9	616.1	619.3
57.5°	828.9	726.5	664.1	616.1	598.5	593.7	568.1	561.7	553.7	548.9	548.9
60°	697.7	625.7	568.1	540.9	521.7	516.9	497.7	489.7	488.1	483.3	480.1
62.5°	587.3	528.1	488.1	459.3	451.3	449.7	436.9	427.3	422.5	419.3	419.3
65°	491.3	448.1	414.5	393.6	387.2	384.0	369.6	366.4	363.2	360.0	358.4
67.5°	409.7	371.2	347.2	332.8	324.8	326.4	318.4	312.0	312.0	310.4	308.8
70°	331.2	307.2	286.4	278.4	275.2	272.0	268.8	264.0	262.4	262.4	262.4
72.5°	260.8	244.8	233.6	228.8	225.6	222.4	219.2	219.2	219.2	217.6	217.6
75°	200.0	193.6	185.6	180.8	180.8	184.0	179.2	174.4	169.6	166.4	168.0
77.5°	150.4	147.2	142.4	134.4	136.0	132.8	132.8	129.6	131.2	131.2	128.0
80°	110.4	105.6	104.0	99.2	100.8	99.2	97.6	97.6	94.4	94.4	94.4
82.5°	76.8	72.0	72.0	70.4	68.8	68.8	67.2	67.2	68.8	65.6	65.6
85°	46.4	44.8	44.8	41.6	41.6	41.6	41.6	43.2	41.6	40.0	40.0
87.5°	20.8	22.4	20.8	19.2	19.2	19.2	17.6	17.6	16.0	17.6	17.6
90°	30.2	32.0	33.7	35.4	36.3	36.6	37.2	37.7	38.3	38.9	38.3
92.5°	28.9	30.7	32.4	34.1	35.0	35.0	35.0	35.0	35.0	35.0	35.0
95°	30.2	32.0	33.7	35.4	36.3	36.4	36.7	37.0	37.3	37.6	37.3
97.5°	29.9	31.4	32.8	34.3	35.0	35.1	35.4	35.7	36.0	36.3	36.0
100°	52.2	47.3	42.4	37.5	35.0	35.1	35.4	35.7	36.0	36.3	36.0
102.5°	264.7	199.8	134.9	70.0	37.6	37.6	37.6	37.6	37.6	37.6	37.6
105°	407.5	410.1	412.6	415.2	416.5	411.3	400.9	390.6	380.2	369.8	380.2
107.5°	489.3	490.8	492.2	493.7	494.4	495.0	496.1	497.3	498.4	499.6	498.4
110°	572.8	573.4	573.9	574.5	574.8	575.2	576.1	577.0	577.8	578.7	577.8

TEST NUMBER: P1033946

CATALOG NUMBER: S124RDIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	653.7	653.4	653.1	652.8	652.7	653.3	654.4	655.6	656.7	657.9	656.7
115°	732.5	733.0	733.6	734.1	734.4	734.4	734.4	734.4	734.4	734.4	734.4
117.5°	814.6	814.3	814.0	813.7	813.6	813.6	813.6	813.6	813.6	813.6	813.6
120°	888.2	888.8	889.3	889.9	890.2	889.9	889.3	888.8	888.2	887.6	888.2
122.5°	961.8	962.1	962.4	962.7	962.8	962.5	961.9	961.4	960.8	960.2	960.8
125°	1028.6	1029.4	1030.3	1031.2	1031.6	1031.7	1032.0	1032.3	1032.6	1032.9	1032.6
127.5°	1098.8	1098.5	1098.2	1097.9	1097.8	1097.7	1097.4	1097.1	1096.8	1096.5	1096.8
130°	1160.4	1160.7	1161.0	1161.3	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4
132.5°	1221.4	1221.7	1222.0	1222.3	1222.4	1222.3	1222.0	1221.7	1221.4	1221.1	1221.4
135°	1276.2	1276.7	1277.3	1277.8	1278.1	1278.4	1279.0	1279.5	1280.1	1280.7	1280.1
137.5°	1330.7	1331.2	1331.8	1332.3	1332.6	1332.5	1332.2	1331.9	1331.7	1331.4	1331.7
140°	1380.3	1381.1	1382.0	1382.9	1383.3	1383.4	1383.7	1384.0	1384.3	1384.6	1384.3
142.5°	1426.7	1427.3	1427.8	1428.4	1428.7	1428.7	1428.7	1428.7	1428.7	1428.7	1428.7
145°	1470.5	1470.8	1471.1	1471.4	1471.5	1471.8	1472.4	1472.9	1473.5	1474.1	1473.5
147.5°	1509.4	1509.7	1510.0	1510.3	1510.4	1510.5	1510.8	1511.1	1511.4	1511.7	1511.4
150°	1546.8	1546.8	1546.8	1546.8	1546.8	1546.9	1547.2	1547.5	1547.8	1548.1	1547.8
152.5°	1578.5	1579.1	1579.6	1580.2	1580.5	1580.4	1580.1	1579.8	1579.5	1579.2	1579.5
155°	1606.3	1607.4	1608.6	1609.7	1610.3	1609.9	1609.0	1608.1	1607.3	1606.4	1607.3
157.5°	1631.2	1632.7	1634.1	1635.6	1636.3	1635.6	1634.1	1632.7	1631.2	1629.8	1631.2
160°	1654.9	1656.6	1658.3	1660.0	1660.9	1660.0	1658.3	1656.6	1654.9	1653.2	1654.9
162.5°	1674.3	1676.1	1677.8	1679.5	1680.4	1679.4	1677.4	1675.3	1673.3	1671.3	1673.3
165°	1691.8	1694.1	1696.4	1698.7	1699.9	1698.6	1696.0	1693.4	1690.8	1688.2	1690.8
167.5°	1705.1	1707.7	1710.2	1712.8	1714.1	1712.7	1709.8	1706.9	1704.1	1701.2	1704.1
170°	1717.7	1720.0	1722.3	1724.6	1725.8	1724.4	1721.5	1718.6	1715.7	1712.8	1715.7
172.5°	1725.5	1727.8	1730.1	1732.4	1733.6	1732.0	1728.8	1725.7	1722.5	1719.3	1722.5
175°	1731.0	1733.6	1736.2	1738.8	1740.1	1738.4	1734.9	1731.4	1728.0	1724.5	1728.0
177.5°	1734.6	1736.9	1739.2	1741.5	1742.7	1741.0	1737.5	1734.0	1730.6	1727.1	1730.6
180°	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9

TEST NUMBER: P1033946

CATALOG NUMBER: S124RDIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9
2.5°	2134.7	2123.5	2121.9	2121.9	2104.3	2113.9	2094.7	2073.9	2064.3	2064.3	2046.7
5°	2312.3	2301.1	2289.9	2272.3	2272.3	2262.7	2232.3	2201.9	2179.5	2160.3	2139.5
7.5°	2494.7	2483.5	2451.5	2433.9	2443.5	2424.3	2384.3	2333.1	2294.7	2264.3	2221.1
10°	2693.1	2662.7	2646.7	2637.1	2603.5	2582.7	2536.3	2461.1	2413.1	2373.1	2317.1
12.5°	2854.8	2864.4	2803.6	2808.4	2774.8	2745.9	2673.9	2601.9	2529.9	2473.9	2390.7
15°	3029.2	3000.4	2963.6	2934.8	2923.6	2888.4	2827.6	2731.5	2653.1	2565.1	2470.7
17.5°	3166.8	3144.4	3109.2	3082.0	3058.0	2973.2	2922.0	2837.2	2729.9	2643.5	2528.3
20°	3283.6	3262.8	3213.2	3195.6	3152.4	3091.6	3018.0	2886.8	2790.8	2696.3	2584.3
22.5°	3333.2	3312.4	3269.2	3246.8	3219.6	3160.4	3090.0	2965.2	2846.8	2728.3	2609.9
25°	3291.6	3291.6	3270.8	3262.8	3238.8	3186.0	3114.0	3008.4	2882.0	2753.9	2613.1
27.5°	3090.0	3130.0	3144.4	3152.4	3152.4	3154.0	3104.4	3002.0	2878.8	2753.9	2606.7
30°	2798.8	2866.0	2925.2	2942.8	2973.2	3006.8	3027.6	2978.0	2867.6	2736.3	2589.1
32.5°	2432.3	2518.7	2629.1	2656.3	2697.9	2798.8	2854.8	2875.6	2814.8	2699.5	2542.7
35°	2067.5	2176.3	2243.5	2326.7	2365.1	2513.9	2638.7	2713.9	2699.5	2630.7	2488.3
37.5°	1749.0	1811.4	1893.0	1981.1	2057.9	2200.3	2355.5	2501.1	2560.3	2526.7	2419.5
40°	1443.4	1517.0	1614.6	1686.6	1739.4	1881.8	2073.9	2232.3	2361.9	2382.7	2317.1
42.5°	1227.4	1301.0	1360.2	1438.6	1480.2	1617.8	1787.4	1985.9	2139.5	2221.1	2192.3
45°	1060.9	1105.7	1153.7	1198.6	1249.8	1371.4	1528.2	1745.8	1918.6	2033.9	2045.1
47.5°	915.3	955.3	996.9	1038.5	1067.3	1161.7	1305.8	1483.4	1672.2	1830.6	1893.0
50°	812.9	832.1	862.5	886.5	920.1	1001.7	1116.9	1270.6	1470.6	1641.8	1723.4
52.5°	712.1	736.1	760.1	780.9	803.3	860.9	966.5	1099.3	1272.2	1448.2	1549.0
55°	627.3	646.5	668.9	683.3	696.1	747.3	827.3	929.7	1078.5	1245.0	1369.8
57.5°	558.5	566.5	585.7	593.7	608.1	649.7	707.3	798.5	918.5	1080.1	1182.5
60°	483.3	499.3	513.7	520.1	531.3	560.1	600.1	684.9	788.9	907.3	1024.1
62.5°	422.5	428.9	440.1	448.1	456.1	486.5	520.1	584.1	662.5	761.7	868.9
65°	366.4	369.6	376.0	387.2	392.0	414.5	433.7	480.1	553.7	628.9	736.1
67.5°	308.8	312.0	320.0	326.4	331.2	345.6	366.4	400.1	440.1	523.3	582.5
70°	264.0	264.0	268.8	272.0	276.8	283.2	294.4	320.0	356.8	409.7	464.1
72.5°	220.8	220.8	220.8	225.6	225.6	230.4	236.8	254.4	280.0	321.6	356.8
75°	171.2	172.8	176.0	176.0	177.6	184.0	188.8	193.6	206.4	233.6	265.6
77.5°	129.6	132.8	134.4	131.2	134.4	134.4	140.8	147.2	153.6	161.6	185.6
80°	96.0	97.6	94.4	96.0	96.0	99.2	102.4	100.8	104.0	113.6	120.0
82.5°	64.0	65.6	65.6	65.6	65.6	70.4	70.4	68.8	70.4	72.0	73.6
85°	40.0	38.4	38.4	40.0	38.4	38.4	40.0	41.6	40.0	41.6	43.2
87.5°	17.6	17.6	17.6	17.6	16.0	16.0	17.6	16.0	17.6	16.0	14.4
90°	37.7	37.2	36.6	36.3	35.4	33.7	32.0	30.2	28.5	26.2	23.9
92.5°	35.0	35.0	35.0	35.0	34.1	32.4	30.7	28.9	27.2	24.9	22.6
95°	37.0	36.7	36.4	36.3	35.4	33.7	32.0	30.2	28.5	28.2	27.9
97.5°	35.7	35.4	35.1	35.0	34.3	32.8	31.4	29.9	28.5	58.8	89.1
100°	35.7	35.4	35.1	35.0	37.5	42.4	47.3	52.2	57.1	96.9	136.7
102.5°	37.6	37.6	37.6	37.6	70.0	134.9	199.8	264.7	329.6	326.1	322.7
105°	390.6	400.9	411.3	416.5	415.2	412.6	410.1	407.5	404.9	403.5	402.0
107.5°	497.3	496.1	495.0	494.4	493.7	492.2	490.8	489.3	487.9	485.9	483.9
110°	577.0	576.1	575.2	574.8	574.5	573.9	573.4	572.8	572.2	570.5	568.8

TEST NUMBER: P1033946

CATALOG NUMBER: S124RDIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	655.6	654.4	653.3	652.7	652.8	653.1	653.4	653.7	654.0	653.4	652.8
115°	734.4	734.4	734.4	734.4	734.1	733.6	733.0	732.5	731.9	732.2	732.5
117.5°	813.6	813.6	813.6	813.6	813.7	814.0	814.3	814.6	814.9	814.0	813.2
120°	888.8	889.3	889.9	890.2	889.9	889.3	888.8	888.2	887.6	887.9	888.2
122.5°	961.4	961.9	962.5	962.8	962.7	962.4	962.1	961.8	961.5	960.9	960.3
125°	1032.3	1032.0	1031.7	1031.6	1031.2	1030.3	1029.4	1028.6	1027.7	1028.3	1028.9
127.5°	1097.1	1097.4	1097.7	1097.8	1097.9	1098.2	1098.5	1098.8	1099.1	1097.7	1096.2
130°	1161.4	1161.4	1161.4	1161.4	1161.3	1161.0	1160.7	1160.4	1160.1	1159.2	1158.4
132.5°	1221.7	1222.0	1222.3	1222.4	1222.3	1222.0	1221.7	1221.4	1221.1	1219.9	1218.8
135°	1279.5	1279.0	1278.4	1278.1	1277.8	1277.3	1276.7	1276.2	1275.6	1274.4	1273.3
137.5°	1331.9	1332.2	1332.5	1332.6	1332.3	1331.8	1331.2	1330.7	1330.1	1328.7	1327.2
140°	1384.0	1383.7	1383.4	1383.3	1382.9	1382.0	1381.1	1380.3	1379.4	1378.8	1378.2
142.5°	1428.7	1428.7	1428.7	1428.7	1428.4	1427.8	1427.3	1426.7	1426.1	1425.8	1425.5
145°	1472.9	1472.4	1471.8	1471.5	1471.4	1471.1	1470.8	1470.5	1470.2	1470.2	1470.2
147.5°	1511.1	1510.8	1510.5	1510.4	1510.3	1510.0	1509.7	1509.4	1509.1	1509.4	1509.7
150°	1547.5	1547.2	1546.9	1546.8	1546.8	1546.8	1546.8	1546.8	1546.8	1547.1	1547.4
152.5°	1579.8	1580.1	1580.4	1580.5	1580.2	1579.6	1579.1	1578.5	1577.9	1578.5	1579.1
155°	1608.1	1609.0	1609.9	1610.3	1609.7	1608.6	1607.4	1606.3	1605.1	1606.0	1606.8
157.5°	1632.7	1634.1	1635.6	1636.3	1635.6	1634.1	1632.7	1631.2	1629.8	1631.0	1632.1
160°	1656.6	1658.3	1660.0	1660.9	1660.0	1658.3	1656.6	1654.9	1653.2	1653.5	1653.8
162.5°	1675.3	1677.4	1679.4	1680.4	1679.5	1677.8	1676.1	1674.3	1672.6	1672.9	1673.2
165°	1693.4	1696.0	1698.6	1699.9	1698.7	1696.4	1694.1	1691.8	1689.5	1689.5	1689.5
167.5°	1706.9	1709.8	1712.7	1714.1	1712.8	1710.2	1707.7	1705.1	1702.5	1702.8	1703.1
170°	1718.6	1721.5	1724.4	1725.8	1724.6	1722.3	1720.0	1717.7	1715.4	1715.1	1714.8
172.5°	1725.7	1728.8	1732.0	1733.6	1732.4	1730.1	1727.8	1725.5	1723.2	1722.9	1722.6
175°	1731.4	1734.9	1738.4	1740.1	1738.8	1736.2	1733.6	1731.0	1728.4	1728.1	1727.8
177.5°	1734.0	1737.5	1741.0	1742.7	1741.5	1739.2	1736.9	1734.6	1732.3	1731.7	1731.1
180°	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9

TEST NUMBER: P1033946

CATALOG NUMBER: S124RDIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9
2.5°	2037.1	2029.1	2024.3	2022.7	2008.3	2000.3	1995.5	1992.3	1987.5	1974.7	1963.4
5°	2113.9	2091.5	2080.3	2067.5	2045.1	2019.5	1998.7	1985.9	1969.8	1944.2	1920.2
7.5°	2185.9	2152.3	2129.9	2112.3	2073.9	2032.3	1998.7	1971.4	1941.0	1905.8	1872.2
10°	2261.1	2206.7	2177.9	2150.7	2094.7	2040.3	1992.3	1952.2	1909.0	1862.6	1825.8
12.5°	2320.3	2248.3	2216.3	2177.9	2109.1	2045.1	1984.3	1929.8	1873.8	1824.2	1771.4
15°	2389.1	2299.5	2262.7	2213.1	2118.7	2035.5	1957.0	1897.8	1840.2	1766.6	1710.6
17.5°	2429.1	2325.1	2272.3	2229.1	2126.7	2025.9	1934.6	1861.0	1793.8	1720.2	1661.0
20°	2469.1	2350.7	2291.5	2230.7	2109.1	2001.9	1905.8	1817.8	1747.4	1667.4	1606.6
22.5°	2481.9	2344.3	2281.9	2225.9	2097.9	1977.9	1867.4	1777.8	1696.2	1616.2	1547.4
25°	2481.9	2342.7	2269.1	2197.1	2062.7	1939.4	1829.0	1731.4	1640.2	1560.2	1491.4
27.5°	2456.3	2310.7	2233.9	2168.3	2029.1	1896.2	1782.6	1675.4	1587.4	1507.4	1429.0
30°	2424.3	2264.3	2187.5	2109.1	1974.7	1848.2	1725.0	1625.8	1533.0	1441.8	1371.4
32.5°	2384.3	2214.7	2129.9	2049.9	1907.4	1776.2	1662.6	1565.0	1477.0	1382.6	1304.2
35°	2326.7	2141.1	2046.7	1976.3	1838.6	1702.6	1593.8	1497.8	1413.0	1315.4	1230.6
37.5°	2253.1	2073.9	1977.9	1891.4	1749.0	1624.2	1521.8	1429.0	1345.8	1256.2	1161.7
40°	2166.7	1979.5	1896.2	1805.0	1654.6	1536.2	1440.2	1357.0	1273.8	1189.0	1097.7
42.5°	2069.1	1883.4	1790.6	1702.6	1558.6	1441.8	1352.2	1277.0	1200.2	1121.7	1024.1
45°	1952.2	1777.8	1688.2	1605.0	1465.8	1345.8	1264.2	1192.2	1126.5	1046.5	960.1
47.5°	1821.0	1669.0	1577.8	1488.2	1352.2	1248.2	1168.1	1107.3	1051.3	971.3	892.9
50°	1693.0	1542.6	1469.0	1377.8	1253.0	1155.3	1073.7	1022.5	979.3	900.9	830.5
52.5°	1531.4	1417.8	1347.4	1269.0	1148.9	1049.7	985.7	940.9	889.7	828.9	766.5
55°	1389.0	1283.4	1227.4	1153.7	1035.3	947.3	892.9	851.3	811.3	756.9	707.3
57.5°	1227.4	1161.7	1105.7	1041.7	924.9	849.7	801.7	766.5	729.7	684.9	644.9
60°	1057.7	1027.3	972.9	921.7	822.5	756.9	716.9	684.9	649.7	612.9	579.3
62.5°	907.3	889.7	857.7	817.7	724.9	668.9	628.9	604.9	579.3	545.7	513.7
65°	764.9	756.9	726.5	697.7	633.7	584.1	548.9	534.5	505.7	480.1	451.3
67.5°	638.5	628.9	611.3	598.5	544.1	497.7	480.1	460.9	436.9	417.7	393.6
70°	510.5	508.9	497.7	481.7	452.9	419.3	401.7	388.8	364.8	350.4	332.8
72.5°	396.9	404.9	395.3	388.8	369.6	345.6	329.6	321.6	302.4	291.2	278.4
75°	296.0	302.4	307.2	296.0	291.2	280.0	265.6	257.6	248.0	232.0	227.2
77.5°	201.6	216.0	216.0	219.2	220.8	214.4	203.2	196.8	185.6	182.4	176.0
80°	132.8	145.6	147.2	150.4	155.2	155.2	147.2	145.6	134.4	132.8	128.0
82.5°	76.8	88.0	94.4	99.2	97.6	104.0	97.6	96.0	89.6	89.6	86.4
85°	41.6	43.2	46.4	49.6	52.8	56.0	56.0	54.4	52.8	51.2	48.0
87.5°	16.0	16.0	17.6	16.0	17.6	20.8	22.4	22.4	20.8	19.2	16.0
90°	21.6	19.3	18.2	16.6	13.4	10.3	7.1	3.9	7.1	10.3	13.4
92.5°	20.3	18.0	16.9	17.2	17.8	18.3	18.9	19.5	18.9	18.3	17.8
95°	27.6	27.3	27.2	32.1	41.9	51.8	61.6	71.4	61.6	51.8	41.9
97.5°	119.4	149.7	164.8	161.6	155.3	148.9	142.6	136.2	142.6	148.9	155.3
100°	176.5	216.3	236.2	233.6	228.4	223.2	218.0	212.8	218.0	223.2	228.4
102.5°	319.2	315.7	314.0	312.3	308.8	305.4	301.9	298.5	301.9	305.4	308.8
105°	400.6	399.1	398.4	397.5	395.8	394.1	392.3	390.6	392.3	394.1	395.8
107.5°	481.8	479.8	478.8	478.4	477.5	476.6	475.8	474.9	475.8	476.6	477.5
110°	567.1	565.4	564.5	564.1	563.2	562.3	561.5	560.6	561.5	562.3	563.2

TEST NUMBER: P1033946

CATALOG NUMBER: S124RDIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	652.3	651.7	651.4	650.5	648.8	647.1	645.3	643.6	645.3	647.1	648.8
115°	732.8	733.1	733.2	732.8	731.9	731.0	730.2	729.3	730.2	731.0	731.9
117.5°	812.3	811.4	811.0	810.4	809.3	808.1	807.0	805.8	807.0	808.1	809.3
120°	888.5	888.8	888.9	888.3	887.2	886.0	884.9	883.7	884.9	886.0	887.2
122.5°	959.8	959.2	958.9	958.6	958.0	957.5	956.9	956.3	956.9	957.5	958.0
125°	1029.4	1030.0	1030.3	1029.7	1028.6	1027.4	1026.3	1025.1	1026.3	1027.4	1028.6
127.5°	1094.8	1093.3	1092.6	1092.5	1092.2	1091.9	1091.6	1091.3	1091.6	1091.9	1092.2
130°	1157.5	1156.6	1156.2	1156.1	1155.8	1155.5	1155.2	1154.9	1155.2	1155.5	1155.8
132.5°	1217.6	1216.5	1215.9	1215.6	1215.0	1214.5	1213.9	1213.3	1213.9	1214.5	1215.0
135°	1272.1	1271.0	1270.4	1270.5	1270.8	1271.1	1271.4	1271.7	1271.4	1271.1	1270.8
137.5°	1325.8	1324.3	1323.6	1323.6	1323.6	1323.6	1323.6	1323.6	1323.6	1323.6	1323.6
140°	1377.7	1377.1	1376.8	1376.5	1375.9	1375.4	1374.8	1374.2	1374.8	1375.4	1375.9
142.5°	1425.2	1424.9	1424.8	1424.2	1423.1	1421.9	1420.8	1419.6	1420.8	1421.9	1423.1
145°	1470.2	1470.2	1470.2	1469.8	1468.9	1468.0	1467.2	1466.3	1467.2	1468.0	1468.9
147.5°	1510.0	1510.3	1510.4	1509.5	1507.8	1506.1	1504.3	1502.6	1504.3	1506.1	1507.8
150°	1547.7	1548.0	1548.1	1547.5	1546.4	1545.2	1544.1	1542.9	1544.1	1545.2	1546.4
152.5°	1579.6	1580.2	1580.5	1580.1	1579.2	1578.3	1577.5	1576.6	1577.5	1578.3	1579.2
155°	1607.7	1608.6	1609.0	1608.9	1608.6	1608.3	1608.0	1607.7	1608.0	1608.3	1608.6
157.5°	1633.3	1634.4	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0	1635.0
160°	1654.1	1654.4	1654.5	1654.9	1655.8	1656.6	1657.5	1658.3	1657.5	1656.6	1655.8
162.5°	1673.5	1673.8	1673.9	1674.5	1675.6	1676.8	1677.9	1679.1	1677.9	1676.8	1675.6
165°	1689.5	1689.5	1689.5	1690.2	1691.7	1693.1	1694.6	1696.0	1694.6	1693.1	1691.7
167.5°	1703.4	1703.7	1703.8	1704.5	1706.0	1707.4	1708.9	1710.3	1708.9	1707.4	1706.0
170°	1714.5	1714.2	1714.1	1715.0	1716.7	1718.4	1720.2	1721.9	1720.2	1718.4	1716.7
172.5°	1722.3	1722.0	1721.9	1722.8	1724.5	1726.2	1728.0	1729.7	1728.0	1726.2	1724.5
175°	1727.5	1727.2	1727.1	1728.0	1729.7	1731.4	1733.2	1734.9	1733.2	1731.4	1729.7
177.5°	1730.6	1730.0	1729.7	1730.7	1732.7	1734.8	1736.8	1738.8	1736.8	1734.8	1732.7
180°	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9

TEST NUMBER: P1033946

CATALOG NUMBER: S124RDIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9
2.5°	1953.8	1950.6	1947.4	1934.6	1923.4	1904.2	1888.2	1881.8	1880.2	1881.8	1877.0
5°	1897.8	1896.2	1885.0	1862.6	1841.8	1819.4	1803.4	1787.4	1777.8	1777.8	1766.6
7.5°	1845.0	1833.8	1824.2	1795.4	1771.4	1741.0	1717.0	1702.6	1694.6	1677.0	1677.0
10°	1789.0	1773.0	1760.2	1733.0	1697.8	1667.4	1637.0	1619.4	1605.0	1592.2	1587.4
12.5°	1733.0	1720.2	1696.2	1667.4	1632.2	1593.8	1561.8	1549.0	1515.4	1488.2	1489.8
15°	1680.2	1651.4	1640.2	1598.6	1557.0	1520.2	1473.8	1437.0	1409.8	1392.2	1369.8
17.5°	1621.0	1592.2	1571.4	1536.2	1481.8	1424.2	1379.4	1329.8	1302.6	1272.2	1257.8
20°	1555.4	1531.4	1515.4	1459.4	1393.8	1325.0	1275.4	1245.0	1214.6	1192.2	1179.3
22.5°	1499.4	1469.0	1449.8	1374.6	1302.6	1233.8	1195.4	1169.7	1144.1	1124.9	1118.5
25°	1427.4	1409.8	1363.4	1297.8	1209.8	1163.3	1129.7	1096.1	1081.7	1068.9	1054.5
27.5°	1368.2	1325.0	1293.0	1206.6	1152.1	1099.3	1065.7	1040.1	1022.5	1009.7	998.5
30°	1294.6	1254.6	1209.8	1137.7	1088.1	1038.5	1008.1	987.3	968.1	960.1	950.5
32.5°	1217.8	1180.9	1137.7	1080.1	1019.3	980.9	956.9	934.5	921.7	913.7	902.5
35°	1148.9	1102.5	1073.7	1019.3	969.7	926.5	904.1	884.9	870.5	867.3	865.7
37.5°	1075.3	1040.1	1012.9	956.9	915.3	878.5	857.7	836.9	828.9	827.3	820.9
40°	1011.3	980.9	955.3	902.5	857.7	824.1	808.1	795.3	787.3	787.3	785.7
42.5°	955.3	923.3	897.7	849.7	809.7	779.3	761.7	748.9	745.7	747.3	745.7
45°	892.9	865.7	840.1	790.5	756.9	734.5	715.3	708.9	704.1	705.7	707.3
47.5°	833.7	811.3	785.7	745.7	707.3	683.3	672.1	665.7	665.7	665.7	668.9
50°	780.9	755.3	732.9	691.3	656.1	636.9	627.3	619.3	620.9	622.5	624.1
52.5°	718.5	696.1	680.1	638.5	612.9	588.9	577.7	579.3	577.7	577.7	580.9
55°	664.1	641.7	625.7	587.3	561.7	545.7	536.1	531.3	532.9	529.7	536.1
57.5°	603.3	584.1	572.9	536.1	513.7	499.3	491.3	483.3	486.5	484.9	483.3
60°	550.5	528.1	510.5	484.9	465.7	448.1	443.3	435.3	438.5	435.3	433.7
62.5°	489.7	472.1	459.3	433.7	417.7	403.3	392.0	387.2	385.6	380.8	376.0
65°	428.9	419.3	406.5	380.8	364.8	353.6	347.2	342.4	340.8	328.0	313.6
67.5°	372.8	366.4	353.6	334.4	320.0	308.8	299.2	291.2	281.6	272.0	264.0
70°	320.0	310.4	302.4	284.8	272.0	260.8	251.2	241.6	236.8	227.2	224.0
72.5°	268.8	259.2	251.2	235.2	224.0	212.8	209.6	198.4	193.6	192.0	192.0
75°	216.0	208.0	203.2	188.8	179.2	171.2	166.4	163.2	160.0	156.8	152.0
77.5°	164.8	160.0	156.8	147.2	139.2	134.4	132.8	121.6	118.4	115.2	112.0
80°	120.0	118.4	115.2	107.2	104.0	92.8	92.8	89.6	88.0	88.0	88.0
82.5°	81.6	78.4	76.8	68.8	67.2	65.6	64.0	62.4	64.0	62.4	64.0
85°	43.2	41.6	40.0	40.0	40.0	40.0	40.0	40.0	40.0	38.4	40.0
87.5°	16.0	16.0	16.0	16.0	14.4	16.0	16.0	14.4	16.0	16.0	16.0
90°	16.6	18.2	19.3	21.6	23.9	26.2	28.5	30.2	32.0	33.7	35.4
92.5°	17.2	16.9	18.0	20.3	22.6	24.9	27.2	28.9	30.7	32.4	34.1
95°	32.1	27.2	27.3	27.6	27.9	28.2	28.5	30.2	32.0	33.7	35.4
97.5°	161.6	164.8	149.7	119.4	89.1	58.8	28.5	29.9	31.4	32.8	34.3
100°	233.6	236.2	216.3	176.5	136.7	96.9	57.1	52.2	47.3	42.4	37.5
102.5°	312.3	314.0	315.7	319.2	322.7	326.1	329.6	264.7	199.8	134.9	70.0
105°	397.5	398.4	399.1	400.6	402.0	403.5	404.9	407.5	410.1	412.6	415.2
107.5°	478.4	478.8	479.8	481.8	483.9	485.9	487.9	489.3	490.8	492.2	493.7
110°	564.1	564.5	565.4	567.1	568.8	570.5	572.2	572.8	573.4	573.9	574.5

TEST NUMBER: P1033946

CATALOG NUMBER: S124RDIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	650.5	651.4	651.7	652.3	652.8	653.4	654.0	653.7	653.4	653.1	652.8
115°	732.8	733.2	733.1	732.8	732.5	732.2	731.9	732.5	733.0	733.6	734.1
117.5°	810.4	811.0	811.4	812.3	813.2	814.0	814.9	814.6	814.3	814.0	813.7
120°	888.3	888.9	888.8	888.5	888.2	887.9	887.6	888.2	888.8	889.3	889.9
122.5°	958.6	958.9	959.2	959.8	960.3	960.9	961.5	961.8	962.1	962.4	962.7
125°	1029.7	1030.3	1030.0	1029.4	1028.9	1028.3	1027.7	1028.6	1029.4	1030.3	1031.2
127.5°	1092.5	1092.6	1093.3	1094.8	1096.2	1097.7	1099.1	1098.8	1098.5	1098.2	1097.9
130°	1156.1	1156.2	1156.6	1157.5	1158.4	1159.2	1160.1	1160.4	1160.7	1161.0	1161.3
132.5°	1215.6	1215.9	1216.5	1217.6	1218.8	1219.9	1221.1	1221.4	1221.7	1222.0	1222.3
135°	1270.5	1270.4	1271.0	1272.1	1273.3	1274.4	1275.6	1276.2	1276.7	1277.3	1277.8
137.5°	1323.6	1323.6	1324.3	1325.8	1327.2	1328.7	1330.1	1330.7	1331.2	1331.8	1332.3
140°	1376.5	1376.8	1377.1	1377.7	1378.2	1378.8	1379.4	1380.3	1381.1	1382.0	1382.9
142.5°	1424.2	1424.8	1424.9	1425.2	1425.5	1425.8	1426.1	1426.7	1427.3	1427.8	1428.4
145°	1469.8	1470.2	1470.2	1470.2	1470.2	1470.2	1470.2	1470.5	1470.8	1471.1	1471.4
147.5°	1509.5	1510.4	1510.3	1510.0	1509.7	1509.4	1509.1	1509.4	1509.7	1510.0	1510.3
150°	1547.5	1548.1	1548.0	1547.7	1547.4	1547.1	1546.8	1546.8	1546.8	1546.8	1546.8
152.5°	1580.1	1580.5	1580.2	1579.6	1579.1	1578.5	1577.9	1578.5	1579.1	1579.6	1580.2
155°	1608.9	1609.0	1608.6	1607.7	1606.8	1606.0	1605.1	1606.3	1607.4	1608.6	1609.7
157.5°	1635.0	1635.0	1634.4	1633.3	1632.1	1631.0	1629.8	1631.2	1632.7	1634.1	1635.6
160°	1654.9	1654.5	1654.4	1654.1	1653.8	1653.5	1653.2	1654.9	1656.6	1658.3	1660.0
162.5°	1674.5	1673.9	1673.8	1673.5	1673.2	1672.9	1672.6	1674.3	1676.1	1677.8	1679.5
165°	1690.2	1689.5	1689.5	1689.5	1689.5	1689.5	1689.5	1691.8	1694.1	1696.4	1698.7
167.5°	1704.5	1703.8	1703.7	1703.4	1703.1	1702.8	1702.5	1705.1	1707.7	1710.2	1712.8
170°	1715.0	1714.1	1714.2	1714.5	1714.8	1715.1	1715.4	1717.7	1720.0	1722.3	1724.6
172.5°	1722.8	1721.9	1722.0	1722.3	1722.6	1722.9	1723.2	1725.5	1727.8	1730.1	1732.4
175°	1728.0	1727.1	1727.2	1727.5	1727.8	1728.1	1728.4	1731.0	1733.6	1736.2	1738.8
177.5°	1730.7	1729.7	1730.0	1730.6	1731.1	1731.7	1732.3	1734.6	1736.9	1739.2	1741.5
180°	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9

TEST NUMBER: P1033946

CATALOG NUMBER: S124RDIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9
2.5°	1877.0	1883.4	1875.4	1880.2	1869.0	1867.4	1869.0	1869.0	1870.6	1872.2	1873.8
5°	1771.4	1769.8	1760.2	1753.8	1749.0	1753.8	1757.0	1760.2	1757.0	1760.2	1761.8
7.5°	1672.2	1667.4	1662.6	1651.4	1654.6	1651.4	1661.0	1656.2	1656.2	1664.2	1670.6
10°	1584.2	1574.6	1571.4	1558.6	1549.0	1547.4	1558.6	1563.4	1568.2	1571.4	1584.2
12.5°	1470.6	1456.2	1445.0	1449.8	1422.6	1433.8	1437.0	1430.6	1449.8	1472.2	1459.4
15°	1349.0	1350.6	1328.2	1320.2	1297.8	1304.2	1305.8	1321.8	1337.8	1336.2	1355.4
17.5°	1259.4	1249.8	1230.6	1229.0	1219.4	1224.2	1222.6	1235.4	1230.6	1238.6	1254.6
20°	1176.1	1169.7	1153.7	1147.3	1150.5	1147.3	1148.9	1150.5	1155.3	1172.9	1169.7
22.5°	1110.5	1102.5	1102.5	1094.5	1084.9	1081.7	1089.7	1094.5	1100.9	1104.1	1112.1
25°	1052.9	1046.5	1038.5	1033.7	1025.7	1027.3	1032.1	1038.5	1043.3	1049.7	1056.1
27.5°	993.7	993.7	985.7	984.1	980.9	979.3	985.7	988.9	988.9	993.7	1000.1
30°	947.3	947.3	939.3	937.7	936.1	936.1	940.9	942.5	944.1	948.9	952.1
32.5°	902.5	900.9	897.7	899.3	897.7	899.3	899.3	900.9	904.1	905.7	912.1
35°	860.9	862.5	859.3	859.3	857.7	859.3	862.5	864.1	865.7	868.9	868.9
37.5°	820.9	824.1	822.5	827.3	827.3	827.3	827.3	830.5	830.5	830.5	828.9
40°	785.7	785.7	784.1	787.3	790.5	790.5	792.1	792.1	793.7	793.7	792.1
42.5°	745.7	748.9	753.7	755.3	758.5	756.9	761.7	760.1	761.7	758.5	755.3
45°	708.9	708.9	715.3	721.7	723.3	723.3	723.3	726.5	723.3	718.5	716.9
47.5°	668.9	672.1	675.3	683.3	684.9	684.9	684.9	684.9	681.7	681.7	681.7
50°	628.9	630.5	632.1	635.3	640.1	638.5	638.5	638.5	644.9	638.5	640.1
52.5°	580.9	582.5	584.1	590.5	588.9	588.9	590.5	590.5	595.3	593.7	590.5
55°	532.9	532.9	536.1	536.1	536.1	539.3	540.9	544.1	542.5	544.1	545.7
57.5°	484.9	481.7	480.1	480.1	484.9	483.3	484.9	484.9	491.3	494.5	496.1
60°	428.9	428.9	427.3	417.7	417.7	416.1	420.9	424.1	427.3	441.7	440.1
62.5°	371.2	364.8	358.4	360.0	350.4	355.2	352.0	355.2	364.8	376.0	377.6
65°	313.6	308.8	302.4	300.8	297.6	302.4	300.8	302.4	307.2	313.6	321.6
67.5°	262.4	260.8	257.6	256.0	256.0	256.0	259.2	259.2	260.8	265.6	270.4
70°	224.0	222.4	224.0	220.8	222.4	220.8	222.4	224.0	225.6	227.2	232.0
72.5°	188.8	188.8	188.8	185.6	188.8	187.2	187.2	188.8	190.4	192.0	195.2
75°	150.4	147.2	144.0	140.8	139.2	142.4	144.0	142.4	147.2	153.6	153.6
77.5°	113.6	112.0	112.0	112.0	113.6	112.0	115.2	113.6	115.2	115.2	118.4
80°	88.0	86.4	88.0	88.0	86.4	89.6	88.0	88.0	89.6	91.2	89.6
82.5°	64.0	65.6	64.0	64.0	64.0	67.2	64.0	64.0	64.0	65.6	65.6
85°	40.0	40.0	40.0	40.0	41.6	40.0	41.6	40.0	43.2	41.6	41.6
87.5°	14.4	16.0	17.6	17.6	17.6	17.6	16.0	17.6	19.2	17.6	19.2
90°	36.3	36.6	37.2	37.7	38.3	38.9	38.3	37.7	37.2	36.6	36.3
92.5°	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
95°	36.3	36.4	36.7	37.0	37.3	37.6	37.3	37.0	36.7	36.4	36.3
97.5°	35.0	35.1	35.4	35.7	36.0	36.3	36.0	35.7	35.4	35.1	35.0
100°	35.0	35.1	35.4	35.7	36.0	36.3	36.0	35.7	35.4	35.1	35.0
102.5°	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
105°	416.5	411.3	400.9	390.6	380.2	369.8	380.2	390.6	400.9	411.3	416.5
107.5°	494.4	495.0	496.1	497.3	498.4	499.6	498.4	497.3	496.1	495.0	494.4
110°	574.8	575.2	576.1	577.0	577.8	578.7	577.8	577.0	576.1	575.2	574.8

TEST NUMBER: P1033946

CATALOG NUMBER: S124RDIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	652.7	653.3	654.4	655.6	656.7	657.9	656.7	655.6	654.4	653.3	652.7
115°	734.4	734.4	734.4	734.4	734.4	734.4	734.4	734.4	734.4	734.4	734.4
117.5°	813.6	813.6	813.6	813.6	813.6	813.6	813.6	813.6	813.6	813.6	813.6
120°	890.2	889.9	889.3	888.8	888.2	887.6	888.2	888.8	889.3	889.9	890.2
122.5°	962.8	962.5	961.9	961.4	960.8	960.2	960.8	961.4	961.9	962.5	962.8
125°	1031.6	1031.7	1032.0	1032.3	1032.6	1032.9	1032.6	1032.3	1032.0	1031.7	1031.6
127.5°	1097.8	1097.7	1097.4	1097.1	1096.8	1096.5	1096.8	1097.1	1097.4	1097.7	1097.8
130°	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4	1161.4
132.5°	1222.4	1222.3	1222.0	1221.7	1221.4	1221.1	1221.4	1221.7	1222.0	1222.3	1222.4
135°	1278.1	1278.4	1279.0	1279.5	1280.1	1280.7	1280.1	1279.5	1279.0	1278.4	1278.1
137.5°	1332.6	1332.5	1332.2	1331.9	1331.7	1331.4	1331.7	1331.9	1332.2	1332.5	1332.6
140°	1383.3	1383.4	1383.7	1384.0	1384.3	1384.6	1384.3	1384.0	1383.7	1383.4	1383.3
142.5°	1428.7	1428.7	1428.7	1428.7	1428.7	1428.7	1428.7	1428.7	1428.7	1428.7	1428.7
145°	1471.5	1471.8	1472.4	1472.9	1473.5	1474.1	1473.5	1472.9	1472.4	1471.8	1471.5
147.5°	1510.4	1510.5	1510.8	1511.1	1511.4	1511.7	1511.4	1511.1	1510.8	1510.5	1510.4
150°	1546.8	1546.9	1547.2	1547.5	1547.8	1548.1	1547.8	1547.5	1547.2	1546.9	1546.8
152.5°	1580.5	1580.4	1580.1	1579.8	1579.5	1579.2	1579.5	1579.8	1580.1	1580.4	1580.5
155°	1610.3	1609.9	1609.0	1608.1	1607.3	1606.4	1607.3	1608.1	1609.0	1609.9	1610.3
157.5°	1636.3	1635.6	1634.1	1632.7	1631.2	1629.8	1631.2	1632.7	1634.1	1635.6	1636.3
160°	1660.9	1660.0	1658.3	1656.6	1654.9	1653.2	1654.9	1656.6	1658.3	1660.0	1660.9
162.5°	1680.4	1679.4	1677.4	1675.3	1673.3	1671.3	1673.3	1675.3	1677.4	1679.4	1680.4
165°	1699.9	1698.6	1696.0	1693.4	1690.8	1688.2	1690.8	1693.4	1696.0	1698.6	1699.9
167.5°	1714.1	1712.7	1709.8	1706.9	1704.1	1701.2	1704.1	1706.9	1709.8	1712.7	1714.1
170°	1725.8	1724.4	1721.5	1718.6	1715.7	1712.8	1715.7	1718.6	1721.5	1724.4	1725.8
172.5°	1733.6	1732.0	1728.8	1725.7	1722.5	1719.3	1722.5	1725.7	1728.8	1732.0	1733.6
175°	1740.1	1738.4	1734.9	1731.4	1728.0	1724.5	1728.0	1731.4	1734.9	1738.4	1740.1
177.5°	1742.7	1741.0	1737.5	1734.0	1730.6	1727.1	1730.6	1734.0	1737.5	1741.0	1742.7
180°	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9

TEST NUMBER: P1033946

CATALOG NUMBER: S124RDIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9	1985.9
2.5°	1880.2	1888.2	1885.0	1873.8	1878.6	1888.2	1897.8	1910.6	1918.6	1925.0	1928.2
5°	1769.8	1784.2	1781.0	1781.0	1787.4	1803.4	1819.4	1846.6	1856.2	1867.4	1883.4
7.5°	1672.2	1683.4	1693.0	1696.2	1705.8	1726.6	1747.4	1777.8	1801.8	1814.6	1824.2
10°	1585.8	1593.8	1608.2	1616.2	1625.8	1651.4	1681.8	1713.8	1737.8	1760.2	1773.0
12.5°	1475.4	1507.4	1526.6	1539.4	1552.2	1590.6	1614.6	1649.8	1678.6	1699.4	1718.6
15°	1352.2	1390.6	1401.8	1451.4	1483.4	1513.8	1550.6	1592.2	1619.4	1643.4	1669.0
17.5°	1248.2	1275.4	1288.2	1341.0	1368.2	1416.2	1469.0	1521.8	1563.4	1581.0	1606.6
20°	1182.5	1197.0	1222.6	1240.2	1269.0	1325.0	1382.6	1446.6	1509.0	1526.6	1552.2
22.5°	1115.3	1134.5	1152.1	1176.1	1198.6	1237.0	1294.6	1365.0	1432.2	1464.2	1494.6
25°	1054.5	1073.7	1084.9	1110.5	1131.3	1169.7	1209.8	1281.8	1361.8	1389.0	1437.0
27.5°	1006.5	1017.7	1036.9	1048.1	1072.1	1107.3	1144.1	1198.6	1277.0	1323.4	1369.8
30°	958.5	966.5	982.5	998.5	1016.1	1040.1	1081.7	1134.5	1206.6	1246.6	1293.0
32.5°	910.5	923.3	932.9	944.1	963.3	992.1	1020.9	1072.1	1129.7	1174.5	1221.0
35°	870.5	875.3	888.1	900.9	913.7	939.3	969.7	1019.3	1070.5	1105.7	1147.3
37.5°	827.3	835.3	844.9	849.7	870.5	886.5	918.5	956.9	1017.7	1040.1	1081.7
40°	793.7	792.1	801.7	809.7	819.3	844.9	864.1	905.7	953.7	988.9	1014.5
42.5°	752.1	752.1	755.3	764.9	777.7	793.7	816.1	851.3	900.9	926.5	956.9
45°	718.5	713.7	715.3	721.7	729.7	745.7	768.1	798.5	848.1	868.9	900.9
47.5°	678.5	673.7	673.7	680.1	686.5	697.7	715.3	750.5	790.5	817.7	841.7
50°	633.7	635.3	633.7	638.5	641.7	652.9	672.1	700.9	737.7	760.1	787.3
52.5°	592.1	588.9	587.3	590.5	596.9	604.9	625.7	651.3	686.5	708.9	732.9
55°	540.9	544.1	544.1	544.1	553.7	556.9	572.9	598.5	633.7	651.3	673.7
57.5°	494.5	492.9	496.1	494.5	502.5	513.7	526.5	545.7	580.9	598.5	619.3
60°	443.3	444.9	446.5	446.5	452.9	464.1	478.5	496.1	524.9	542.5	561.7
62.5°	380.8	388.8	396.9	400.1	409.7	417.7	427.3	446.5	472.1	484.9	502.5
65°	321.6	332.8	344.0	352.0	358.4	366.4	379.2	396.9	417.7	430.5	448.1
67.5°	270.4	278.4	292.8	300.8	313.6	323.2	331.2	345.6	371.2	376.0	390.4
70°	233.6	236.8	243.2	249.6	264.0	272.0	281.6	296.0	315.2	326.4	334.4
72.5°	196.8	198.4	201.6	208.0	214.4	224.0	235.2	248.0	265.6	270.4	281.6
75°	156.8	166.4	166.4	171.2	176.0	180.8	190.4	203.2	214.4	222.4	228.8
77.5°	116.8	121.6	124.8	132.8	139.2	144.0	150.4	160.0	166.4	172.8	177.6
80°	91.2	92.8	94.4	94.4	97.6	104.0	110.4	116.8	124.8	128.0	132.8
82.5°	67.2	67.2	67.2	70.4	72.0	73.6	73.6	76.8	84.8	88.0	92.8
85°	43.2	43.2	43.2	43.2	44.8	46.4	48.0	49.6	49.6	49.6	52.8
87.5°	17.6	20.8	19.2	20.8	20.8	20.8	20.8	22.4	22.4	24.0	24.0
90°	35.4	33.7	32.0	30.2	28.5	26.2	23.9	21.6	19.3	18.2	16.6
92.5°	34.1	32.4	30.7	28.9	27.2	24.9	22.6	20.3	18.0	16.9	17.2
95°	35.4	33.7	32.0	30.2	28.5	28.2	27.9	27.6	27.3	27.2	32.1
97.5°	34.3	32.8	31.4	29.9	28.5	58.8	89.1	119.4	149.7	164.8	161.6
100°	37.5	42.4	47.3	52.2	57.1	96.9	136.7	176.5	216.3	236.2	233.6
102.5°	70.0	134.9	199.8	264.7	329.6	326.1	322.7	319.2	315.7	314.0	312.3
105°	415.2	412.6	410.1	407.5	404.9	403.5	402.0	400.6	399.1	398.4	397.5
107.5°	493.7	492.2	490.8	489.3	487.9	485.9	483.9	481.8	479.8	478.8	478.4
110°	574.5	573.9	573.4	572.8	572.2	570.5	568.8	567.1	565.4	564.5	564.1

TEST NUMBER: P1033946

CATALOG NUMBER: S124RDIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	652.8	653.1	653.4	653.7	654.0	653.4	652.8	652.3	651.7	651.4	650.5
115°	734.1	733.6	733.0	732.5	731.9	732.2	732.5	732.8	733.1	733.2	732.8
117.5°	813.7	814.0	814.3	814.6	814.9	814.0	813.2	812.3	811.4	811.0	810.4
120°	889.9	889.3	888.8	888.2	887.6	887.9	888.2	888.5	888.8	888.9	888.3
122.5°	962.7	962.4	962.1	961.8	961.5	960.9	960.3	959.8	959.2	958.9	958.6
125°	1031.2	1030.3	1029.4	1028.6	1027.7	1028.3	1028.9	1029.4	1030.0	1030.3	1029.7
127.5°	1097.9	1098.2	1098.5	1098.8	1099.1	1097.7	1096.2	1094.8	1093.3	1092.6	1092.5
130°	1161.3	1161.0	1160.7	1160.4	1160.1	1159.2	1158.4	1157.5	1156.6	1156.2	1156.1
132.5°	1222.3	1222.0	1221.7	1221.4	1221.1	1219.9	1218.8	1217.6	1216.5	1215.9	1215.6
135°	1277.8	1277.3	1276.7	1276.2	1275.6	1274.4	1273.3	1272.1	1271.0	1270.4	1270.5
137.5°	1332.3	1331.8	1331.2	1330.7	1330.1	1328.7	1327.2	1325.8	1324.3	1323.6	1323.6
140°	1382.9	1382.0	1381.1	1380.3	1379.4	1378.8	1378.2	1377.7	1377.1	1376.8	1376.5
142.5°	1428.4	1427.8	1427.3	1426.7	1426.1	1425.8	1425.5	1425.2	1424.9	1424.8	1424.2
145°	1471.4	1471.1	1470.8	1470.5	1470.2	1470.2	1470.2	1470.2	1470.2	1470.2	1469.8
147.5°	1510.3	1510.0	1509.7	1509.4	1509.1	1509.4	1509.7	1510.0	1510.3	1510.4	1509.5
150°	1546.8	1546.8	1546.8	1546.8	1546.8	1547.1	1547.4	1547.7	1548.0	1548.1	1547.5
152.5°	1580.2	1579.6	1579.1	1578.5	1577.9	1578.5	1579.1	1579.6	1580.2	1580.5	1580.1
155°	1609.7	1608.6	1607.4	1606.3	1605.1	1606.0	1606.8	1607.7	1608.6	1609.0	1608.9
157.5°	1635.6	1634.1	1632.7	1631.2	1629.8	1631.0	1632.1	1633.3	1634.4	1635.0	1635.0
160°	1660.0	1658.3	1656.6	1654.9	1653.2	1653.5	1653.8	1654.1	1654.4	1654.5	1654.9
162.5°	1679.5	1677.8	1676.1	1674.3	1672.6	1672.9	1673.2	1673.5	1673.8	1673.9	1674.5
165°	1698.7	1696.4	1694.1	1691.8	1689.5	1689.5	1689.5	1689.5	1689.5	1689.5	1690.2
167.5°	1712.8	1710.2	1707.7	1705.1	1702.5	1702.8	1703.1	1703.4	1703.7	1703.8	1704.5
170°	1724.6	1722.3	1720.0	1717.7	1715.4	1715.1	1714.8	1714.5	1714.2	1714.1	1715.0
172.5°	1732.4	1730.1	1727.8	1725.5	1723.2	1722.9	1722.6	1722.3	1722.0	1721.9	1722.8
175°	1738.8	1736.2	1733.6	1731.0	1728.4	1728.1	1727.8	1727.5	1727.2	1727.1	1728.0
177.5°	1741.5	1739.2	1736.9	1734.6	1732.3	1731.7	1731.1	1730.6	1730.0	1729.7	1730.7
180°	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9	1734.9

TEST NUMBER: P1033946

CATALOG NUMBER: S124RDIW-B1195D1340UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1985.9	1985.9	1985.9	1985.9
2.5°	1941.0	1950.6	1966.6	1989.1
5°	1896.2	1923.4	1949.0	1982.7
7.5°	1856.2	1888.2	1923.4	1971.4
10°	1809.8	1849.8	1894.6	1953.8
12.5°	1755.4	1811.4	1862.6	1926.6
15°	1715.4	1757.0	1822.6	1897.8
17.5°	1659.4	1715.4	1781.0	1865.8
20°	1606.6	1665.8	1739.4	1827.4
22.5°	1550.6	1617.8	1691.4	1785.8
25°	1493.0	1565.0	1638.6	1739.4
27.5°	1440.2	1505.8	1589.0	1691.4
30°	1376.2	1451.4	1531.4	1638.6
32.5°	1313.8	1392.2	1473.8	1581.0
35°	1246.6	1325.0	1414.6	1517.0
37.5°	1180.9	1267.4	1349.0	1448.2
40°	1108.9	1198.6	1283.4	1384.2
42.5°	1038.5	1131.3	1216.2	1302.6
45°	972.9	1064.1	1140.9	1222.6
47.5°	910.5	992.1	1070.5	1144.1
50°	849.7	918.5	990.5	1051.3
52.5°	785.7	851.3	908.9	963.3
55°	728.1	779.3	830.5	880.1
57.5°	659.3	710.5	755.3	793.7
60°	601.7	633.7	676.9	716.9
62.5°	536.1	572.9	606.5	632.1
65°	472.1	504.1	529.7	552.1
67.5°	417.7	436.9	456.1	480.1
70°	352.0	368.0	390.4	408.1
72.5°	296.0	308.8	320.0	340.8
75°	240.0	251.2	257.6	276.8
77.5°	185.6	196.8	201.6	212.8
80°	142.4	144.0	150.4	160.0
82.5°	97.6	100.8	102.4	110.4
85°	56.0	64.0	62.4	65.6
87.5°	24.0	25.6	28.8	32.0
90°	13.4	10.3	7.1	3.9
92.5°	17.8	18.3	18.9	19.5
95°	41.9	51.8	61.6	71.4
97.5°	155.3	148.9	142.6	136.2
100°	228.4	223.2	218.0	212.8
102.5°	308.8	305.4	301.9	298.5
105°	395.8	394.1	392.3	390.6
107.5°	477.5	476.6	475.8	474.9
110°	563.2	562.3	561.5	560.6

TEST NUMBER: P1033946

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	648.8	647.1	645.3	643.6
115°	731.9	731.0	730.2	729.3
117.5°	809.3	808.1	807.0	805.8
120°	887.2	886.0	884.9	883.7
122.5°	958.0	957.5	956.9	956.3
125°	1028.6	1027.4	1026.3	1025.1
127.5°	1092.2	1091.9	1091.6	1091.3
130°	1155.8	1155.5	1155.2	1154.9
132.5°	1215.0	1214.5	1213.9	1213.3
135°	1270.8	1271.1	1271.4	1271.7
137.5°	1323.6	1323.6	1323.6	1323.6
140°	1375.9	1375.4	1374.8	1374.2
142.5°	1423.1	1421.9	1420.8	1419.6
145°	1468.9	1468.0	1467.2	1466.3
147.5°	1507.8	1506.1	1504.3	1502.6
150°	1546.4	1545.2	1544.1	1542.9
152.5°	1579.2	1578.3	1577.5	1576.6
155°	1608.6	1608.3	1608.0	1607.7
157.5°	1635.0	1635.0	1635.0	1635.0
160°	1655.8	1656.6	1657.5	1658.3
162.5°	1675.6	1676.8	1677.9	1679.1
165°	1691.7	1693.1	1694.6	1696.0
167.5°	1706.0	1707.4	1708.9	1710.3
170°	1716.7	1718.4	1720.2	1721.9
172.5°	1724.5	1726.2	1728.0	1729.7
175°	1729.7	1731.4	1733.2	1734.9
177.5°	1732.7	1734.8	1736.8	1738.8
180°	1734.9	1734.9	1734.9	1734.9

(END OF REPORT)