

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: P1033856

Luminaire Tested: S124RDIW-B1020D1340UB40-4F0-XX-W2A-A

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1033856
REPORT IS A COMBINATION OF REPORTS P999895 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124RDIW-B1020D1340UB40-4F0-XX-W2A-A
Description: Define 4 Regressed Direct/Indirect Wall Mount with 4000K BioUP LEDs {m-DER=0.865}
{m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

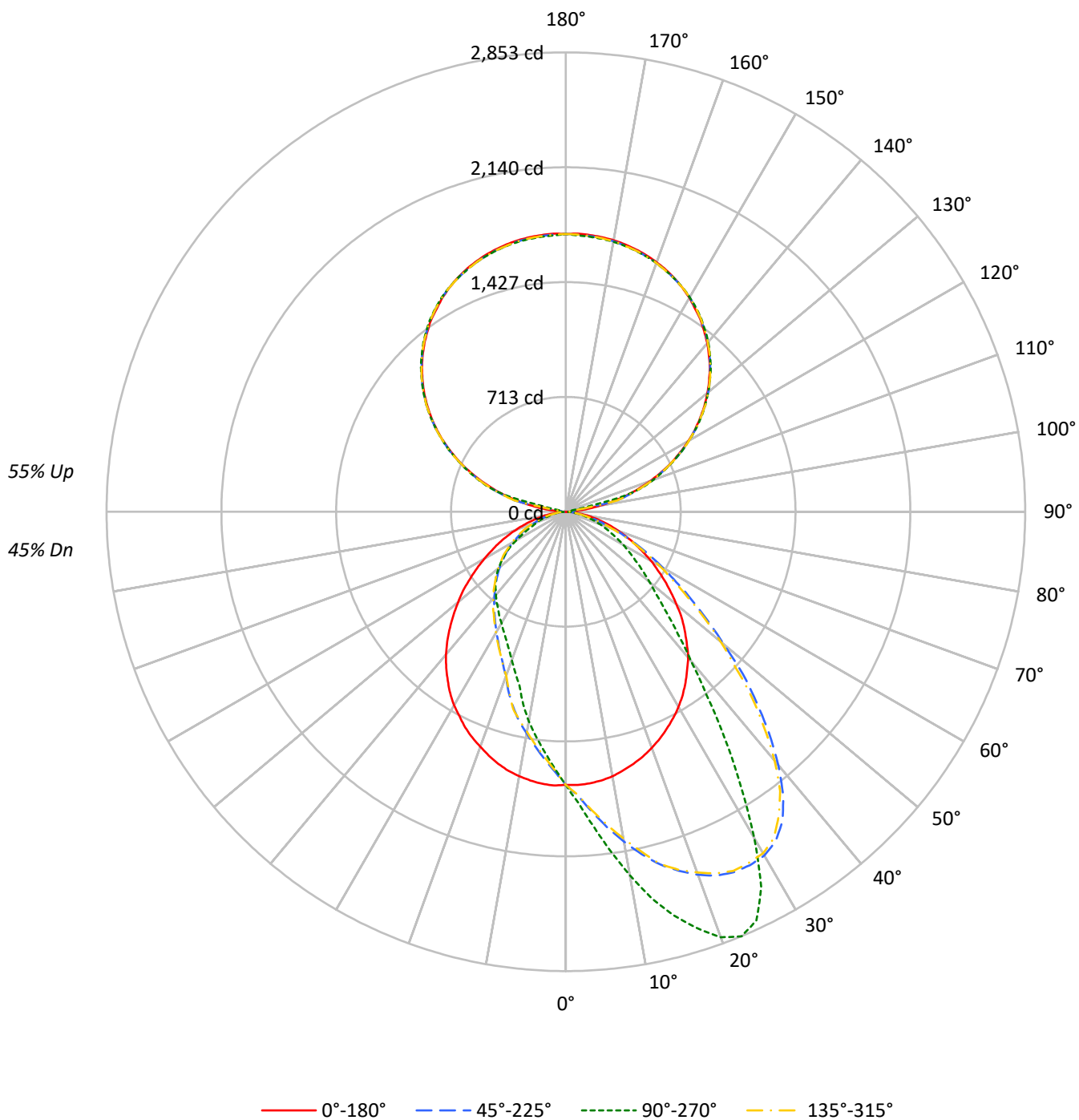
Lumens per Lamp: N/A
Luminaire Lumens: 9629.0 lumens
Efficiency: N/A
Efficacy: 108.3 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 88.9
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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	106	106	106	106	97	97	97	97	80	80	80	65	65	65	51	51	51
1	97	93	89	86	89	85	82	79	71	69	67	58	56	55	46	45	44
2	89	82	76	71	81	75	70	66	63	59	56	51	49	47	41	39	38
3	81	72	65	59	74	66	60	55	56	51	47	46	43	40	37	34	32
4	74	64	56	50	68	59	52	47	50	45	41	41	37	34	33	30	28
5	68	57	49	43	62	53	46	41	45	39	35	37	33	30	30	27	25
6	63	51	43	38	58	47	41	35	40	35	31	33	29	26	27	24	22
7	58	46	39	33	53	43	36	31	36	31	27	30	26	23	25	22	20
8	54	42	35	29	50	39	32	28	33	28	24	28	24	21	23	20	18
9	50	38	31	26	46	36	29	25	31	25	22	26	22	19	21	18	16
10	47	35	28	24	43	33	26	22	28	23	20	24	20	17	20	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	13829	13829	13829	13829
5°	13830	15626	13852	11943
10°	13756	18013	13744	10387
15°	13591	20273	13591	8696
20°	13420	21981	13350	7658
25°	13211	22075	13150	6916
30°	12988	18771	12887	6406
35°	12675	14163	12514	6026
40°	12325	10264	12082	5730
45°	11746	7801	11455	5467
50°	11060	6304	10757	5082
55°	10317	5220	9979	4569
60°	9570	4414	9143	3800
65°	8635	3596	8358	3021
70°	7775	2916	7409	2454
75°	6813	2101	6340	1798
80°	5622	1392	5116	1321
85°	4075	717	3384	717

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 17312 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	164.2	1.7
10°-20°	495.9	5.2
20°-30°	776.8	8.1
30°-40°	862.6	9.0
40°-50°	764.4	7.9
50°-60°	595.7	6.2
60°-70°	389.7	4.0
70°-80°	191.2	2.0
80°-90°	50.1	0.5
90°-100°	57.2	0.6
100°-110°	377.1	3.9
110°-120°	720.2	7.5
120°-130°	914.2	9.5
130°-140°	978.0	10.2
140°-150°	914.5	9.5
150°-160°	737.5	7.7
160°-170°	475.6	4.9
170°-180°	163.9	1.7
0°-30°	1436.9	14.9
0°-40°	2299.5	23.9
0°-60°	3659.6	38.0
0°-90°	4290.6	44.6
90°-120°	1154.6	12.0
90°-150°	3961.4	41.1
90°-180°	5338.0	55.4
0°-180°	9629.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1696	1696	1696	1696	1696	
5°	1693	1960	1696	1498	1693	161
15°	1621	2596	1621	1114	1621	457
25°	1485	2800	1479	877	1485	685
35°	1296	1725	1279	734	1296	810
45°	1044	881	1018	618	1044	805
55°	752	526	727	460	752	672
65°	472	308	456	258	472	470
75°	236	142	220	122	236	251
85°	56	34	46	34	56	63
90°	4	39	4	39	4	7
95°	71	37	71	37	71	88
105°	388	368	388	368	388	406
115°	725	730	725	730	725	714
125°	1019	1027	1019	1027	1019	910
135°	1265	1274	1265	1274	1265	974
145°	1458	1466	1458	1466	1458	911
155°	1599	1598	1599	1598	1599	737
165°	1686	1679	1686	1679	1686	477
175°	1725	1715	1725	1715	1725	164
180°	1725	1725	1725	1725	1725	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9
2.5°	1698.6	1713.7	1721.9	1728.7	1742.3	1747.8	1758.7	1761.5	1772.4	1771.0	1766.9
5°	1693.2	1719.1	1738.2	1758.7	1783.3	1797.0	1812.0	1833.9	1844.8	1859.9	1869.4
7.5°	1683.6	1719.1	1750.5	1782.0	1821.6	1843.5	1862.6	1896.8	1925.5	1950.1	1977.4
10°	1668.6	1713.7	1760.1	1802.5	1857.1	1883.1	1911.8	1962.4	2002.0	2036.2	2079.9
12.5°	1645.3	1708.2	1760.1	1817.5	1887.2	1922.7	1961.0	2021.1	2067.6	2123.6	2178.3
15°	1620.7	1690.4	1758.7	1833.9	1913.2	1954.2	1992.4	2073.1	2144.1	2208.3	2268.5
17.5°	1593.4	1669.9	1745.1	1828.4	1924.1	1974.7	2019.8	2116.8	2194.7	2278.0	2338.2
20°	1560.6	1644.0	1730.0	1823.0	1930.9	1987.0	2037.5	2148.2	2234.3	2324.5	2399.7
22.5°	1525.1	1615.3	1709.6	1810.7	1922.7	1984.2	2043.0	2161.9	2261.6	2345.0	2446.1
25°	1485.4	1581.1	1678.1	1784.7	1910.4	1977.4	2037.5	2155.0	2261.6	2371.0	2469.4
27.5°	1444.4	1542.8	1644.0	1756.0	1884.5	1950.1	2018.4	2131.8	2256.2	2375.1	2474.8
30°	1399.3	1495.0	1601.6	1708.2	1844.8	1910.4	1980.1	2103.1	2238.4	2357.3	2465.3
32.5°	1350.1	1448.5	1549.7	1660.4	1794.3	1865.3	1929.6	2069.0	2207.0	2324.5	2425.6
35°	1295.5	1388.4	1484.1	1597.5	1730.0	1794.3	1870.8	2015.7	2155.0	2279.4	2345.0
37.5°	1236.7	1325.6	1414.4	1526.4	1653.5	1731.4	1806.6	1952.8	2100.4	2183.7	2217.9
40°	1182.1	1260.0	1337.9	1445.8	1574.3	1654.9	1731.4	1883.1	2012.9	2077.2	2051.2
42.5°	1112.4	1193.0	1262.7	1362.4	1492.3	1567.4	1645.3	1802.5	1907.7	1933.7	1869.4
45°	1044.0	1111.0	1178.0	1275.0	1411.6	1475.9	1559.2	1705.5	1792.9	1769.7	1675.4
47.5°	977.1	1031.7	1094.6	1188.9	1311.9	1388.4	1466.3	1593.4	1654.9	1622.1	1490.9
50°	897.8	952.5	1018.1	1100.1	1219.0	1292.8	1354.2	1471.8	1518.2	1437.6	1279.1
52.5°	822.7	870.5	926.5	1003.0	1116.5	1183.4	1250.4	1351.5	1366.5	1273.6	1106.9
55°	751.6	789.9	848.6	910.1	1014.0	1085.0	1131.5	1217.6	1213.5	1097.3	953.9
57.5°	677.8	713.3	753.0	817.2	915.6	968.9	1019.4	1094.6	1055.0	956.6	814.5
60°	612.2	632.7	672.3	733.8	817.2	863.7	903.3	944.3	910.1	803.5	694.2
62.5°	539.8	563.0	591.7	640.9	714.7	758.4	787.1	804.9	769.4	687.4	587.6
65°	471.5	492.0	522.0	565.8	621.8	654.6	669.6	681.9	662.8	569.9	490.6
67.5°	410.0	423.6	451.0	479.7	539.8	548.0	568.5	574.0	535.7	464.6	401.8
70°	348.5	362.1	374.4	408.6	435.9	451.0	455.1	455.1	416.8	370.3	318.4
72.5°	291.1	299.3	311.6	334.8	349.8	360.8	366.2	359.4	323.9	285.6	247.3
75°	236.4	240.5	251.4	266.5	278.8	274.7	273.3	265.1	239.1	211.8	190.0
77.5°	181.8	184.5	196.8	200.9	200.9	205.0	199.5	191.3	169.5	149.0	139.4
80°	136.7	140.8	142.1	144.9	142.1	142.1	138.0	124.4	113.4	103.9	97.0
82.5°	94.3	97.0	98.4	94.3	97.0	92.9	86.1	76.5	69.7	68.3	65.6
85°	56.0	57.4	56.0	56.0	51.9	50.6	45.1	43.7	41.0	41.0	39.6
87.5°	27.3	26.0	23.2	20.5	20.5	19.1	20.5	17.8	20.5	19.1	17.8
90°	3.9	7.1	10.2	13.4	16.5	18.1	19.2	21.5	23.8	26.1	28.4
92.5°	19.4	18.8	18.2	17.7	17.1	16.8	17.9	20.2	22.5	24.8	27.1
95°	71.0	61.2	51.5	41.7	32.0	27.1	27.2	27.5	27.8	28.1	28.4
97.5°	135.5	141.8	148.1	154.4	160.7	163.9	148.8	118.7	88.6	58.5	28.4
100°	211.6	216.8	221.9	227.1	232.2	234.8	215.0	175.5	135.9	96.4	56.8
102.5°	296.8	300.2	303.7	307.1	310.6	312.3	314.0	317.5	320.9	324.4	327.8
105°	388.4	390.1	391.8	393.5	395.2	396.1	396.8	398.3	399.7	401.2	402.6
107.5°	472.3	473.1	474.0	474.8	475.7	476.1	477.1	479.1	481.2	483.2	485.2
110°	557.4	558.3	559.1	560.0	560.9	561.3	562.2	563.9	565.6	567.4	569.1

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	640.0	641.7	643.5	645.2	646.9	647.8	648.1	648.6	649.2	649.7	650.3
115°	725.2	726.1	726.9	727.8	728.7	729.1	729.0	728.7	728.4	728.1	727.8
117.5°	801.3	802.5	803.6	804.8	805.9	806.5	806.9	807.8	808.6	809.5	810.3
120°	878.7	879.9	881.0	882.2	883.3	883.9	883.8	883.5	883.2	882.9	882.6
122.5°	951.0	951.6	952.2	952.7	953.3	953.6	953.9	954.5	955.0	955.6	956.2
125°	1019.4	1020.6	1021.7	1022.9	1024.0	1024.6	1024.3	1023.7	1023.2	1022.6	1022.0
127.5°	1085.2	1085.5	1085.8	1086.1	1086.4	1086.5	1087.2	1088.6	1090.1	1091.5	1092.9
130°	1148.4	1148.7	1149.0	1149.3	1149.6	1149.7	1150.1	1151.0	1151.9	1152.7	1153.6
132.5°	1206.5	1207.1	1207.7	1208.2	1208.8	1209.1	1209.7	1210.8	1211.9	1213.1	1214.2
135°	1264.6	1264.3	1264.0	1263.7	1263.4	1263.3	1263.9	1265.0	1266.1	1267.3	1268.4
137.5°	1316.2	1316.2	1316.2	1316.2	1316.2	1316.2	1316.9	1318.3	1319.8	1321.2	1322.6
140°	1366.5	1367.1	1367.7	1368.2	1368.8	1369.1	1369.4	1370.0	1370.5	1371.1	1371.7
142.5°	1411.7	1412.8	1414.0	1415.1	1416.2	1416.8	1416.9	1417.2	1417.5	1417.8	1418.1
145°	1458.1	1459.0	1459.8	1460.7	1461.6	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0
147.5°	1494.2	1495.9	1497.7	1499.4	1501.1	1502.0	1501.9	1501.6	1501.3	1501.0	1500.7
150°	1534.2	1535.4	1536.5	1537.7	1538.8	1539.4	1539.3	1539.0	1538.7	1538.4	1538.1
152.5°	1567.8	1568.7	1569.5	1570.4	1571.3	1571.7	1571.4	1570.8	1570.3	1569.7	1569.1
155°	1598.8	1599.1	1599.4	1599.7	1600.0	1600.1	1599.7	1598.8	1597.9	1597.1	1596.2
157.5°	1625.9	1625.9	1625.9	1625.9	1625.9	1625.9	1625.3	1624.2	1623.0	1621.9	1620.7
160°	1649.1	1648.2	1647.4	1646.5	1645.6	1645.2	1645.1	1644.8	1644.5	1644.2	1643.9
162.5°	1669.7	1668.6	1667.4	1666.3	1665.2	1664.6	1664.5	1664.2	1663.9	1663.6	1663.3
165°	1686.5	1685.1	1683.7	1682.2	1680.8	1680.1	1680.1	1680.1	1680.1	1680.1	1680.1
167.5°	1700.7	1699.3	1697.9	1696.4	1695.0	1694.3	1694.2	1693.9	1693.6	1693.3	1693.0
170°	1712.3	1710.6	1708.9	1707.2	1705.5	1704.6	1704.7	1705.0	1705.3	1705.6	1705.9
172.5°	1720.1	1718.4	1716.6	1714.9	1713.2	1712.3	1712.4	1712.7	1713.0	1713.3	1713.6
175°	1725.2	1723.5	1721.8	1720.1	1718.4	1717.5	1717.6	1717.9	1718.2	1718.5	1718.8
177.5°	1729.1	1727.1	1725.1	1723.1	1721.1	1720.1	1720.4	1720.9	1721.5	1722.0	1722.6
180°	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9
2.5°	1777.9	1792.9	1794.3	1807.9	1803.8	1797.0	1809.3	1801.1	1817.5	1812.0	1818.9
5°	1881.7	1902.2	1920.0	1930.9	1950.1	1946.0	1966.5	1959.6	1974.7	1959.6	1978.8
7.5°	2003.4	2037.5	2055.3	2084.0	2092.2	2093.6	2118.1	2123.6	2133.2	2123.6	2134.5
10°	2122.2	2163.2	2204.2	2227.5	2242.5	2263.0	2284.9	2294.4	2301.3	2291.7	2298.5
12.5°	2230.2	2294.4	2339.5	2386.0	2396.9	2414.7	2437.9	2435.2	2462.5	2457.1	2469.4
15°	2330.0	2401.0	2455.7	2492.6	2522.6	2537.7	2581.4	2584.1	2582.8	2596.4	2588.2
17.5°	2418.8	2478.9	2556.8	2604.6	2641.5	2641.5	2666.1	2716.7	2712.6	2711.2	2719.4
20°	2491.2	2559.5	2632.0	2712.6	2742.7	2748.1	2782.3	2808.3	2812.4	2812.4	2812.4
22.5°	2545.9	2626.5	2704.4	2761.8	2785.0	2804.2	2834.2	2850.6	2856.1	2853.4	2856.1
25°	2573.2	2649.7	2729.0	2780.9	2794.6	2805.5	2808.3	2817.8	2816.5	2800.1	2809.6
27.5°	2578.7	2652.5	2704.4	2718.1	2711.2	2704.4	2660.7	2664.8	2652.5	2627.9	2637.4
30°	2554.1	2593.7	2592.3	2550.0	2537.7	2509.0	2469.4	2410.6	2362.8	2342.3	2349.1
32.5°	2465.3	2465.3	2416.1	2320.4	2278.0	2226.1	2155.0	2101.8	2038.9	2025.2	2051.2
35°	2342.3	2272.6	2182.4	2056.7	1992.4	1954.2	1831.2	1792.9	1739.6	1724.6	1736.9
37.5°	2150.9	2034.8	1903.6	1786.1	1731.4	1663.1	1555.1	1500.5	1462.2	1436.2	1448.5
40°	1936.4	1795.6	1659.0	1514.1	1454.0	1398.0	1317.4	1268.2	1206.7	1209.4	1213.5
42.5°	1731.4	1566.1	1413.0	1279.1	1221.7	1175.2	1119.2	1059.1	1037.2	1030.4	1023.5
45°	1514.1	1337.9	1194.4	1094.6	1042.7	998.9	947.0	912.9	886.9	881.4	888.3
47.5°	1309.2	1160.2	1023.5	930.6	888.3	866.4	825.4	794.0	777.6	763.9	772.1
50°	1123.3	983.9	874.6	796.7	766.6	751.6	713.3	696.9	680.5	676.4	675.1
52.5°	970.2	851.4	757.1	694.2	671.0	662.8	634.1	610.8	597.2	601.3	604.0
55°	830.9	729.7	655.9	605.4	586.2	576.7	556.2	539.8	530.2	526.1	528.9
57.5°	707.9	620.4	567.1	526.1	511.1	507.0	485.1	479.7	472.8	468.7	468.7
60°	595.8	534.3	485.1	461.9	445.5	441.4	425.0	418.2	416.8	412.7	410.0
62.5°	501.5	451.0	416.8	392.2	385.4	384.0	373.1	364.9	360.8	358.0	358.0
65°	419.5	382.6	353.9	336.2	330.7	328.0	315.7	312.9	310.2	307.5	306.1
67.5°	349.8	317.0	296.5	284.2	277.4	278.8	271.9	266.5	266.5	265.1	263.7
70°	282.9	262.4	244.6	237.8	235.0	232.3	229.6	225.5	224.1	224.1	224.1
72.5°	222.7	209.1	199.5	195.4	192.7	190.0	187.2	187.2	187.2	185.9	185.9
75°	170.8	165.4	158.5	154.4	154.4	157.2	153.1	149.0	144.9	142.1	143.5
77.5°	128.5	125.7	121.6	114.8	116.2	113.4	113.4	110.7	112.1	112.1	109.3
80°	94.3	90.2	88.8	84.7	86.1	84.7	83.4	83.4	80.6	80.6	80.6
82.5°	65.6	61.5	61.5	60.1	58.8	58.8	57.4	57.4	58.8	56.0	56.0
85°	39.6	38.3	38.3	35.5	35.5	35.5	35.5	36.9	35.5	34.2	34.2
87.5°	17.8	19.1	17.8	16.4	16.4	16.4	15.0	15.0	13.7	15.0	15.0
90°	30.1	31.8	33.5	35.2	36.1	36.4	37.0	37.5	38.1	38.7	38.1
92.5°	28.8	30.5	32.2	33.9	34.8	34.8	34.8	34.8	34.8	34.8	34.8
95°	30.1	31.8	33.5	35.2	36.1	36.2	36.5	36.8	37.1	37.4	37.1
97.5°	29.8	31.2	32.7	34.1	34.8	34.9	35.2	35.5	35.8	36.1	35.8
100°	51.9	47.0	42.1	37.2	34.8	34.9	35.2	35.5	35.8	36.1	35.8
102.5°	263.3	198.7	134.2	69.7	37.4	37.4	37.4	37.4	37.4	37.4	37.4
105°	405.2	407.8	410.3	412.9	414.2	409.0	398.7	388.4	378.1	367.8	378.1
107.5°	486.6	488.0	489.5	490.9	491.6	492.2	493.3	494.5	495.6	496.8	495.6
110°	569.7	570.2	570.8	571.3	571.6	572.0	572.9	573.8	574.6	575.5	574.6

TEST NUMBER: P1033856

CATALOG NUMBER: S124RDIW-B1020D1340UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	650.0	649.8	649.5	649.2	649.1	649.7	650.8	651.9	653.1	654.2	653.1
115°	728.4	728.9	729.5	730.0	730.3	730.3	730.3	730.3	730.3	730.3	730.3
117.5°	810.0	809.8	809.5	809.2	809.1	809.1	809.1	809.1	809.1	809.1	809.1
120°	883.2	883.8	884.3	884.9	885.2	884.9	884.3	883.8	883.2	882.6	883.2
122.5°	956.5	956.8	957.1	957.4	957.5	957.2	956.6	956.1	955.5	954.9	955.5
125°	1022.8	1023.7	1024.5	1025.4	1025.8	1025.9	1026.2	1026.5	1026.8	1027.1	1026.8
127.5°	1092.6	1092.3	1092.0	1091.7	1091.6	1091.5	1091.2	1090.9	1090.7	1090.4	1090.7
130°	1153.9	1154.2	1154.5	1154.8	1154.9	1154.9	1154.9	1154.9	1154.9	1154.9	1154.9
132.5°	1214.5	1214.8	1215.1	1215.4	1215.5	1215.4	1215.1	1214.8	1214.5	1214.2	1214.5
135°	1269.0	1269.6	1270.1	1270.7	1271.0	1271.3	1271.9	1272.4	1273.0	1273.6	1273.0
137.5°	1323.2	1323.8	1324.3	1324.9	1325.2	1325.1	1324.8	1324.5	1324.2	1323.9	1324.2
140°	1372.5	1373.4	1374.2	1375.1	1375.5	1375.6	1375.9	1376.2	1376.5	1376.8	1376.5
142.5°	1418.7	1419.3	1419.8	1420.4	1420.7	1420.7	1420.7	1420.7	1420.7	1420.7	1420.7
145°	1462.3	1462.6	1462.9	1463.2	1463.3	1463.6	1464.2	1464.7	1465.3	1465.9	1465.3
147.5°	1501.0	1501.3	1501.6	1501.9	1502.0	1502.1	1502.4	1502.7	1503.0	1503.3	1503.0
150°	1538.1	1538.1	1538.1	1538.1	1538.1	1538.2	1538.5	1538.8	1539.1	1539.4	1539.1
152.5°	1569.7	1570.3	1570.8	1571.4	1571.7	1571.6	1571.3	1571.0	1570.7	1570.4	1570.7
155°	1597.3	1598.5	1599.6	1600.7	1601.3	1600.9	1600.0	1599.2	1598.3	1597.5	1598.3
157.5°	1622.1	1623.6	1625.0	1626.5	1627.2	1626.5	1625.0	1623.6	1622.1	1620.7	1622.1
160°	1645.6	1647.4	1649.1	1650.8	1651.7	1650.8	1649.1	1647.4	1645.6	1643.9	1645.6
162.5°	1665.0	1666.7	1668.4	1670.1	1671.0	1670.0	1668.0	1666.0	1664.0	1662.0	1664.0
165°	1682.4	1684.7	1687.0	1689.3	1690.4	1689.1	1686.5	1684.0	1681.4	1678.8	1681.4
167.5°	1695.6	1698.2	1700.7	1703.3	1704.6	1703.2	1700.3	1697.4	1694.6	1691.7	1694.6
170°	1708.2	1710.5	1712.8	1715.1	1716.2	1714.8	1711.9	1709.0	1706.2	1703.3	1706.2
172.5°	1715.9	1718.2	1720.5	1722.8	1723.9	1722.3	1719.2	1716.0	1712.9	1709.7	1712.9
175°	1721.4	1724.0	1726.5	1729.1	1730.4	1728.7	1725.2	1721.8	1718.3	1714.9	1718.3
177.5°	1724.9	1727.2	1729.5	1731.8	1733.0	1731.3	1727.8	1724.4	1720.9	1717.5	1720.9
180°	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2

TEST NUMBER: P1033856

CATALOG NUMBER: S124RDIW-B1020D1340UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9
2.5°	1823.0	1813.4	1812.0	1812.0	1797.0	1805.2	1788.8	1771.0	1762.8	1762.8	1747.8
5°	1974.7	1965.1	1955.5	1940.5	1940.5	1932.3	1906.3	1880.4	1861.2	1844.8	1827.1
7.5°	2130.4	2120.9	2093.6	2078.5	2086.7	2070.3	2036.2	1992.4	1959.6	1933.7	1896.8
10°	2299.9	2273.9	2260.3	2252.1	2223.4	2205.6	2166.0	2101.8	2060.8	2026.6	1978.8
12.5°	2437.9	2446.1	2394.2	2398.3	2369.6	2345.0	2283.5	2222.0	2160.5	2112.7	2041.6
15°	2586.9	2562.3	2530.8	2506.2	2496.7	2466.6	2414.7	2332.7	2265.7	2190.6	2109.9
17.5°	2704.4	2685.3	2655.2	2632.0	2611.5	2539.0	2495.3	2422.9	2331.3	2257.5	2159.1
20°	2804.2	2786.4	2744.0	2729.0	2692.1	2640.2	2577.3	2465.3	2383.3	2302.6	2207.0
22.5°	2846.5	2828.8	2791.9	2772.7	2749.5	2698.9	2638.8	2532.2	2431.1	2330.0	2228.8
25°	2811.0	2811.0	2793.2	2786.4	2765.9	2720.8	2659.3	2569.1	2461.2	2351.8	2231.6
27.5°	2638.8	2673.0	2685.3	2692.1	2692.1	2693.5	2651.1	2563.6	2458.4	2351.8	2226.1
30°	2390.1	2447.5	2498.0	2513.1	2539.0	2567.7	2585.5	2543.1	2448.9	2336.8	2211.1
32.5°	2077.2	2150.9	2245.2	2268.5	2304.0	2390.1	2437.9	2455.7	2403.8	2305.4	2171.4
35°	1765.6	1858.5	1915.9	1987.0	2019.8	2146.8	2253.4	2317.7	2305.4	2246.6	2125.0
37.5°	1493.6	1546.9	1616.6	1691.8	1757.4	1879.0	2011.6	2135.9	2186.5	2157.8	2066.2
40°	1232.6	1295.5	1378.8	1440.3	1485.4	1607.1	1771.0	1906.3	2017.0	2034.8	1978.8
42.5°	1048.1	1111.0	1161.6	1228.5	1264.1	1381.6	1526.4	1695.9	1827.1	1896.8	1872.2
45°	906.0	944.3	985.3	1023.5	1067.3	1171.1	1305.1	1490.9	1638.5	1736.9	1746.4
47.5°	781.7	815.8	851.4	886.9	911.5	992.1	1115.1	1266.8	1428.0	1563.3	1616.6
50°	694.2	710.6	736.6	757.1	785.8	855.5	953.9	1085.0	1255.9	1402.1	1471.8
52.5°	608.1	628.6	649.1	666.9	686.0	735.2	825.4	938.8	1086.4	1236.7	1322.8
55°	535.7	552.1	571.2	583.5	594.4	638.2	706.5	794.0	921.1	1063.2	1169.8
57.5°	476.9	483.8	500.2	507.0	519.3	554.8	604.0	681.9	784.4	922.4	1009.9
60°	412.7	426.4	438.7	444.1	453.7	478.3	512.5	584.9	673.7	774.8	874.6
62.5°	360.8	366.2	375.8	382.6	389.5	415.4	444.1	498.8	565.8	650.5	742.0
65°	312.9	315.7	321.1	330.7	334.8	353.9	370.3	410.0	472.8	537.1	628.6
67.5°	263.7	266.5	273.3	278.8	282.9	295.2	312.9	341.6	375.8	446.9	497.4
70°	225.5	225.5	229.6	232.3	236.4	241.9	251.4	273.3	304.7	349.8	396.3
72.5°	188.6	188.6	188.6	192.7	192.7	196.8	202.2	217.3	239.1	274.7	304.7
75°	146.2	147.6	150.3	150.3	151.7	157.2	161.3	165.4	176.3	199.5	226.8
77.5°	110.7	113.4	114.8	112.1	114.8	114.8	120.3	125.7	131.2	138.0	158.5
80°	82.0	83.4	80.6	82.0	82.0	84.7	87.5	86.1	88.8	97.0	102.5
82.5°	54.7	56.0	56.0	56.0	56.0	60.1	60.1	58.8	60.1	61.5	62.9
85°	34.2	32.8	32.8	34.2	32.8	32.8	34.2	35.5	34.2	35.5	36.9
87.5°	15.0	15.0	15.0	15.0	13.7	13.7	15.0	13.7	15.0	13.7	12.3
90°	37.5	37.0	36.4	36.1	35.2	33.5	31.8	30.1	28.4	26.1	23.8
92.5°	34.8	34.8	34.8	34.8	33.9	32.2	30.5	28.8	27.1	24.8	22.5
95°	36.8	36.5	36.2	36.1	35.2	33.5	31.8	30.1	28.4	28.1	27.8
97.5°	35.5	35.2	34.9	34.8	34.1	32.7	31.2	29.8	28.4	58.5	88.6
100°	35.5	35.2	34.9	34.8	37.2	42.1	47.0	51.9	56.8	96.4	135.9
102.5°	37.4	37.4	37.4	37.4	69.7	134.2	198.7	263.3	327.8	324.4	320.9
105°	388.4	398.7	409.0	414.2	412.9	410.3	407.8	405.2	402.6	401.2	399.7
107.5°	494.5	493.3	492.2	491.6	490.9	489.5	488.0	486.6	485.2	483.2	481.2
110°	573.8	572.9	572.0	571.6	571.3	570.8	570.2	569.7	569.1	567.4	565.6

TEST NUMBER: P1033856

CATALOG NUMBER: S124RDIW-B1020D1340UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	651.9	650.8	649.7	649.1	649.2	649.5	649.8	650.0	650.3	649.7	649.2
115°	730.3	730.3	730.3	730.3	730.0	729.5	728.9	728.4	727.8	728.1	728.4
117.5°	809.1	809.1	809.1	809.1	809.2	809.5	809.8	810.0	810.3	809.5	808.6
120°	883.8	884.3	884.9	885.2	884.9	884.3	883.8	883.2	882.6	882.9	883.2
122.5°	956.1	956.6	957.2	957.5	957.4	957.1	956.8	956.5	956.2	955.6	955.0
125°	1026.5	1026.2	1025.9	1025.8	1025.4	1024.5	1023.7	1022.8	1022.0	1022.6	1023.2
127.5°	1090.9	1091.2	1091.5	1091.6	1091.7	1092.0	1092.3	1092.6	1092.9	1091.5	1090.1
130°	1154.9	1154.9	1154.9	1154.9	1154.8	1154.5	1154.2	1153.9	1153.6	1152.7	1151.9
132.5°	1214.8	1215.1	1215.4	1215.5	1215.4	1215.1	1214.8	1214.5	1214.2	1213.1	1211.9
135°	1272.4	1271.9	1271.3	1271.0	1270.7	1270.1	1269.6	1269.0	1268.4	1267.3	1266.1
137.5°	1324.5	1324.8	1325.1	1325.2	1324.9	1324.3	1323.8	1323.2	1322.6	1321.2	1319.8
140°	1376.2	1375.9	1375.6	1375.5	1375.1	1374.2	1373.4	1372.5	1371.7	1371.1	1370.5
142.5°	1420.7	1420.7	1420.7	1420.7	1420.4	1419.8	1419.3	1418.7	1418.1	1417.8	1417.5
145°	1464.7	1464.2	1463.6	1463.3	1463.2	1462.9	1462.6	1462.3	1462.0	1462.0	1462.0
147.5°	1502.7	1502.4	1502.1	1502.0	1501.9	1501.6	1501.3	1501.0	1500.7	1501.0	1501.3
150°	1538.8	1538.5	1538.2	1538.1	1538.1	1538.1	1538.1	1538.1	1538.1	1538.4	1538.7
152.5°	1571.0	1571.3	1571.6	1571.7	1571.4	1570.8	1570.3	1569.7	1569.1	1569.7	1570.3
155°	1599.2	1600.0	1600.9	1601.3	1600.7	1599.6	1598.5	1597.3	1596.2	1597.1	1597.9
157.5°	1623.6	1625.0	1626.5	1627.2	1626.5	1625.0	1623.6	1622.1	1620.7	1621.9	1623.0
160°	1647.4	1649.1	1650.8	1651.7	1650.8	1649.1	1647.4	1645.6	1643.9	1644.2	1644.5
162.5°	1666.0	1668.0	1670.0	1671.0	1670.1	1668.4	1666.7	1665.0	1663.3	1663.6	1663.9
165°	1684.0	1686.5	1689.1	1690.4	1689.3	1687.0	1684.7	1682.4	1680.1	1680.1	1680.1
167.5°	1697.4	1700.3	1703.2	1704.6	1703.3	1700.7	1698.2	1695.6	1693.0	1693.3	1693.6
170°	1709.0	1711.9	1714.8	1716.2	1715.1	1712.8	1710.5	1708.2	1705.9	1705.6	1705.3
172.5°	1716.0	1719.2	1722.3	1723.9	1722.8	1720.5	1718.2	1715.9	1713.6	1713.3	1713.0
175°	1721.8	1725.2	1728.7	1730.4	1729.1	1726.5	1724.0	1721.4	1718.8	1718.5	1718.2
177.5°	1724.4	1727.8	1731.3	1733.0	1731.8	1729.5	1727.2	1724.9	1722.6	1722.0	1721.5
180°	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2

TEST NUMBER: P1033856

CATALOG NUMBER: S124RDIW-B1020D1340UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9
2.5°	1739.6	1732.8	1728.7	1727.3	1715.0	1708.2	1704.1	1701.4	1697.3	1686.3	1676.8
5°	1805.2	1786.1	1776.5	1765.6	1746.4	1724.6	1706.8	1695.9	1682.2	1660.4	1639.9
7.5°	1866.7	1838.0	1818.9	1803.8	1771.0	1735.5	1706.8	1683.6	1657.6	1627.6	1598.9
10°	1930.9	1884.5	1859.9	1836.6	1788.8	1742.3	1701.4	1667.2	1630.3	1590.7	1559.2
12.5°	1981.5	1920.0	1892.7	1859.9	1801.1	1746.4	1694.5	1648.1	1600.2	1557.9	1512.8
15°	2040.3	1963.7	1932.3	1889.9	1809.3	1738.2	1671.3	1620.7	1571.5	1508.7	1460.8
17.5°	2074.4	1985.6	1940.5	1903.6	1816.1	1730.0	1652.2	1589.3	1531.9	1469.0	1418.5
20°	2108.6	2007.5	1956.9	1905.0	1801.1	1709.6	1627.6	1552.4	1492.3	1423.9	1372.0
22.5°	2119.5	2002.0	1948.7	1900.9	1791.5	1689.1	1594.8	1518.2	1448.5	1380.2	1321.5
25°	2119.5	2000.6	1937.8	1876.3	1761.5	1656.3	1562.0	1478.6	1400.7	1332.4	1273.6
27.5°	2097.7	1973.3	1907.7	1851.7	1732.8	1619.4	1522.3	1430.8	1355.6	1287.3	1220.3
30°	2070.3	1933.7	1868.1	1801.1	1686.3	1578.4	1473.1	1388.4	1309.2	1231.3	1171.1
32.5°	2036.2	1891.3	1818.9	1750.5	1628.9	1516.9	1419.8	1336.5	1261.3	1180.7	1113.7
35°	1987.0	1828.4	1747.8	1687.7	1570.2	1454.0	1361.1	1279.1	1206.7	1123.3	1050.9
37.5°	1924.1	1771.0	1689.1	1615.3	1493.6	1387.0	1299.6	1220.3	1149.3	1072.7	992.1
40°	1850.3	1690.4	1619.4	1541.5	1413.0	1311.9	1229.9	1158.8	1087.8	1015.3	937.5
42.5°	1766.9	1608.4	1529.2	1454.0	1331.0	1231.3	1154.7	1090.5	1024.9	957.9	874.6
45°	1667.2	1518.2	1441.7	1370.6	1251.8	1149.3	1079.6	1018.1	962.0	893.7	819.9
47.5°	1555.1	1425.3	1347.4	1270.9	1154.7	1065.9	997.6	945.7	897.8	829.5	762.5
50°	1445.8	1317.4	1254.5	1176.6	1070.0	986.6	917.0	873.2	836.3	769.4	709.2
52.5°	1307.8	1210.8	1150.6	1083.7	981.2	896.5	841.8	803.5	759.8	707.9	654.6
55°	1186.2	1096.0	1048.1	985.3	884.2	809.0	762.5	727.0	692.8	646.4	604.0
57.5°	1048.1	992.1	944.3	889.6	789.9	725.6	684.6	654.6	623.1	584.9	550.7
60°	903.3	877.3	830.9	787.1	702.4	646.4	612.2	584.9	554.8	523.4	494.7
62.5°	774.8	759.8	732.5	698.3	619.0	571.2	537.1	516.6	494.7	466.0	438.7
65°	653.2	646.4	620.4	595.8	541.2	498.8	468.7	456.4	431.8	410.0	385.4
67.5°	545.3	537.1	522.0	511.1	464.6	425.0	410.0	393.6	373.1	356.7	336.2
70°	435.9	434.6	425.0	411.3	386.7	358.0	343.0	332.1	311.6	299.3	284.2
72.5°	338.9	345.7	337.5	332.1	315.7	295.2	281.5	274.7	258.3	248.7	237.8
75°	252.8	258.3	262.4	252.8	248.7	239.1	226.8	220.0	211.8	198.1	194.0
77.5°	172.2	184.5	184.5	187.2	188.6	183.1	173.6	168.1	158.5	155.8	150.3
80°	113.4	124.4	125.7	128.5	132.6	132.6	125.7	124.4	114.8	113.4	109.3
82.5°	65.6	75.2	80.6	84.7	83.4	88.8	83.4	82.0	76.5	76.5	73.8
85°	35.5	36.9	39.6	42.4	45.1	47.8	47.8	46.5	45.1	43.7	41.0
87.5°	13.7	13.7	15.0	13.7	15.0	17.8	19.1	19.1	17.8	16.4	13.7
90°	21.5	19.2	18.1	16.5	13.4	10.2	7.1	3.9	7.1	10.2	13.4
92.5°	20.2	17.9	16.8	17.1	17.7	18.2	18.8	19.4	18.8	18.2	17.7
95°	27.5	27.2	27.1	32.0	41.7	51.5	61.2	71.0	61.2	51.5	41.7
97.5°	118.7	148.8	163.9	160.7	154.4	148.1	141.8	135.5	141.8	148.1	154.4
100°	175.5	215.0	234.8	232.2	227.1	221.9	216.8	211.6	216.8	221.9	227.1
102.5°	317.5	314.0	312.3	310.6	307.1	303.7	300.2	296.8	300.2	303.7	307.1
105°	398.3	396.8	396.1	395.2	393.5	391.8	390.1	388.4	390.1	391.8	393.5
107.5°	479.1	477.1	476.1	475.7	474.8	474.0	473.1	472.3	473.1	474.0	474.8
110°	563.9	562.2	561.3	560.9	560.0	559.1	558.3	557.4	558.3	559.1	560.0

TEST NUMBER: P1033856

CATALOG NUMBER: S124RDIW-B1020D1340UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	648.6	648.1	647.8	646.9	645.2	643.5	641.7	640.0	641.7	643.5	645.2
115°	728.7	729.0	729.1	728.7	727.8	726.9	726.1	725.2	726.1	726.9	727.8
117.5°	807.8	806.9	806.5	805.9	804.8	803.6	802.5	801.3	802.5	803.6	804.8
120°	883.5	883.8	883.9	883.3	882.2	881.0	879.9	878.7	879.9	881.0	882.2
122.5°	954.5	953.9	953.6	953.3	952.7	952.2	951.6	951.0	951.6	952.2	952.7
125°	1023.7	1024.3	1024.6	1024.0	1022.9	1021.7	1020.6	1019.4	1020.6	1021.7	1022.9
127.5°	1088.6	1087.2	1086.5	1086.4	1086.1	1085.8	1085.5	1085.2	1085.5	1085.8	1086.1
130°	1151.0	1150.1	1149.7	1149.6	1149.3	1149.0	1148.7	1148.4	1148.7	1149.0	1149.3
132.5°	1210.8	1209.7	1209.1	1208.8	1208.2	1207.7	1207.1	1206.5	1207.1	1207.7	1208.2
135°	1265.0	1263.9	1263.3	1263.4	1263.7	1264.0	1264.3	1264.6	1264.3	1264.0	1263.7
137.5°	1318.3	1316.9	1316.2	1316.2	1316.2	1316.2	1316.2	1316.2	1316.2	1316.2	1316.2
140°	1370.0	1369.4	1369.1	1368.8	1368.2	1367.7	1367.1	1366.5	1367.1	1367.7	1368.2
142.5°	1417.2	1416.9	1416.8	1416.2	1415.1	1414.0	1412.8	1411.7	1412.8	1414.0	1415.1
145°	1462.0	1462.0	1462.0	1461.6	1460.7	1459.8	1459.0	1458.1	1459.0	1459.8	1460.7
147.5°	1501.6	1501.9	1502.0	1501.1	1499.4	1497.7	1495.9	1494.2	1495.9	1497.7	1499.4
150°	1539.0	1539.3	1539.4	1538.8	1537.7	1536.5	1535.4	1534.2	1535.4	1536.5	1537.7
152.5°	1570.8	1571.4	1571.7	1571.3	1570.4	1569.5	1568.7	1567.8	1568.7	1569.5	1570.4
155°	1598.8	1599.7	1600.1	1600.0	1599.7	1599.4	1599.1	1598.8	1599.1	1599.4	1599.7
157.5°	1624.2	1625.3	1625.9	1625.9	1625.9	1625.9	1625.9	1625.9	1625.9	1625.9	1625.9
160°	1644.8	1645.1	1645.2	1645.6	1646.5	1647.4	1648.2	1649.1	1648.2	1647.4	1646.5
162.5°	1664.2	1664.5	1664.6	1665.2	1666.3	1667.4	1668.6	1669.7	1668.6	1667.4	1666.3
165°	1680.1	1680.1	1680.1	1680.8	1682.2	1683.7	1685.1	1686.5	1685.1	1683.7	1682.2
167.5°	1693.9	1694.2	1694.3	1695.0	1696.4	1697.9	1699.3	1700.7	1699.3	1697.9	1696.4
170°	1705.0	1704.7	1704.6	1705.5	1707.2	1708.9	1710.6	1712.3	1710.6	1708.9	1707.2
172.5°	1712.7	1712.4	1712.3	1713.2	1714.9	1716.6	1718.4	1720.1	1718.4	1716.6	1714.9
175°	1717.9	1717.6	1717.5	1718.4	1720.1	1721.8	1723.5	1725.2	1723.5	1721.8	1720.1
177.5°	1720.9	1720.4	1720.1	1721.1	1723.1	1725.1	1727.1	1729.1	1727.1	1725.1	1723.1
180°	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2

TEST NUMBER: P1033856

CATALOG NUMBER: S124RDIW-B1020D1340UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9
2.5°	1668.6	1665.8	1663.1	1652.2	1642.6	1626.2	1612.5	1607.1	1605.7	1607.1	1603.0
5°	1620.7	1619.4	1609.8	1590.7	1572.9	1553.8	1540.1	1526.4	1518.2	1518.2	1508.7
7.5°	1575.6	1566.1	1557.9	1533.3	1512.8	1486.8	1466.3	1454.0	1447.2	1432.1	1432.1
10°	1527.8	1514.1	1503.2	1480.0	1449.9	1423.9	1398.0	1382.9	1370.6	1359.7	1355.6
12.5°	1480.0	1469.0	1448.5	1423.9	1393.9	1361.1	1333.8	1322.8	1294.1	1270.9	1272.3
15°	1434.9	1410.3	1400.7	1365.2	1329.7	1298.2	1258.6	1227.2	1203.9	1188.9	1169.8
17.5°	1384.3	1359.7	1341.9	1311.9	1265.4	1216.2	1178.0	1135.6	1112.4	1086.4	1074.1
20°	1328.3	1307.8	1294.1	1246.3	1190.3	1131.5	1089.1	1063.2	1037.2	1018.1	1007.1
22.5°	1280.5	1254.5	1238.1	1173.9	1112.4	1053.6	1020.8	998.9	977.1	960.7	955.2
25°	1219.0	1203.9	1164.3	1108.3	1033.1	993.5	964.8	936.1	923.8	912.9	900.6
27.5°	1168.4	1131.5	1104.2	1030.4	983.9	938.8	910.1	888.3	873.2	862.3	852.7
30°	1105.5	1071.4	1033.1	971.6	929.3	886.9	860.9	843.2	826.8	819.9	811.7
32.5°	1039.9	1008.5	971.6	922.4	870.5	837.7	817.2	798.1	787.1	780.3	770.7
35°	981.2	941.6	917.0	870.5	828.1	791.2	772.1	755.7	743.4	740.7	739.3
37.5°	918.3	888.3	865.0	817.2	781.7	750.2	732.5	714.7	707.9	706.5	701.0
40°	863.7	837.7	815.8	770.7	732.5	703.8	690.1	679.2	672.3	672.3	671.0
42.5°	815.8	788.5	766.6	725.6	691.5	665.5	650.5	639.5	636.8	638.2	636.8
45°	762.5	739.3	717.4	675.1	646.4	627.2	610.8	605.4	601.3	602.6	604.0
47.5°	712.0	692.8	671.0	636.8	604.0	583.5	574.0	568.5	568.5	568.5	571.2
50°	666.9	645.0	625.9	590.3	560.3	543.9	535.7	528.9	530.2	531.6	533.0
52.5°	613.6	594.4	580.8	545.3	523.4	502.9	493.3	494.7	493.3	493.3	496.1
55°	567.1	548.0	534.3	501.5	479.7	466.0	457.8	453.7	455.1	452.3	457.8
57.5°	515.2	498.8	489.2	457.8	438.7	426.4	419.5	412.7	415.4	414.1	412.7
60°	470.1	451.0	435.9	414.1	397.7	382.6	378.5	371.7	374.4	371.7	370.3
62.5°	418.2	403.1	392.2	370.3	356.7	344.4	334.8	330.7	329.3	325.2	321.1
65°	366.2	358.0	347.1	325.2	311.6	302.0	296.5	292.4	291.1	280.1	267.8
67.5°	318.4	312.9	302.0	285.6	273.3	263.7	255.5	248.7	240.5	232.3	225.5
70°	273.3	265.1	258.3	243.2	232.3	222.7	214.5	206.3	202.2	194.0	191.3
72.5°	229.6	221.4	214.5	200.9	191.3	181.8	179.0	169.5	165.4	164.0	164.0
75°	184.5	177.7	173.6	161.3	153.1	146.2	142.1	139.4	136.7	133.9	129.8
77.5°	140.8	136.7	133.9	125.7	118.9	114.8	113.4	103.9	101.1	98.4	95.7
80°	102.5	101.1	98.4	91.6	88.8	79.3	79.3	76.5	75.2	75.2	75.2
82.5°	69.7	67.0	65.6	58.8	57.4	56.0	54.7	53.3	54.7	53.3	54.7
85°	36.9	35.5	34.2	34.2	34.2	34.2	34.2	34.2	34.2	32.8	34.2
87.5°	13.7	13.7	13.7	13.7	12.3	13.7	13.7	12.3	13.7	13.7	13.7
90°	16.5	18.1	19.2	21.5	23.8	26.1	28.4	30.1	31.8	33.5	35.2
92.5°	17.1	16.8	17.9	20.2	22.5	24.8	27.1	28.8	30.5	32.2	33.9
95°	32.0	27.1	27.2	27.5	27.8	28.1	28.4	30.1	31.8	33.5	35.2
97.5°	160.7	163.9	148.8	118.7	88.6	58.5	28.4	29.8	31.2	32.7	34.1
100°	232.2	234.8	215.0	175.5	135.9	96.4	56.8	51.9	47.0	42.1	37.2
102.5°	310.6	312.3	314.0	317.5	320.9	324.4	327.8	263.3	198.7	134.2	69.7
105°	395.2	396.1	396.8	398.3	399.7	401.2	402.6	405.2	407.8	410.3	412.9
107.5°	475.7	476.1	477.1	479.1	481.2	483.2	485.2	486.6	488.0	489.5	490.9
110°	560.9	561.3	562.2	563.9	565.6	567.4	569.1	569.7	570.2	570.8	571.3

TEST NUMBER: P1033856

CATALOG NUMBER: S124RDIW-B1020D1340UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	646.9	647.8	648.1	648.6	649.2	649.7	650.3	650.0	649.8	649.5	649.2
115°	728.7	729.1	729.0	728.7	728.4	728.1	727.8	728.4	728.9	729.5	730.0
117.5°	805.9	806.5	806.9	807.8	808.6	809.5	810.3	810.0	809.8	809.5	809.2
120°	883.3	883.9	883.8	883.5	883.2	882.9	882.6	883.2	883.8	884.3	884.9
122.5°	953.3	953.6	953.9	954.5	955.0	955.6	956.2	956.5	956.8	957.1	957.4
125°	1024.0	1024.6	1024.3	1023.7	1023.2	1022.6	1022.0	1022.8	1023.7	1024.5	1025.4
127.5°	1086.4	1086.5	1087.2	1088.6	1090.1	1091.5	1092.9	1092.6	1092.3	1092.0	1091.7
130°	1149.6	1149.7	1150.1	1151.0	1151.9	1152.7	1153.6	1153.9	1154.2	1154.5	1154.8
132.5°	1208.8	1209.1	1209.7	1210.8	1211.9	1213.1	1214.2	1214.5	1214.8	1215.1	1215.4
135°	1263.4	1263.3	1263.9	1265.0	1266.1	1267.3	1268.4	1269.0	1269.6	1270.1	1270.7
137.5°	1316.2	1316.2	1316.9	1318.3	1319.8	1321.2	1322.6	1323.2	1323.8	1324.3	1324.9
140°	1368.8	1369.1	1369.4	1370.0	1370.5	1371.1	1371.7	1372.5	1373.4	1374.2	1375.1
142.5°	1416.2	1416.8	1416.9	1417.2	1417.5	1417.8	1418.1	1418.7	1419.3	1419.8	1420.4
145°	1461.6	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1462.3	1462.6	1462.9	1463.2
147.5°	1501.1	1502.0	1501.9	1501.6	1501.3	1501.0	1500.7	1501.0	1501.3	1501.6	1501.9
150°	1538.8	1539.4	1539.3	1539.0	1538.7	1538.4	1538.1	1538.1	1538.1	1538.1	1538.1
152.5°	1571.3	1571.7	1571.4	1570.8	1570.3	1569.7	1569.1	1569.7	1570.3	1570.8	1571.4
155°	1600.0	1600.1	1599.7	1598.8	1597.9	1597.1	1596.2	1597.3	1598.5	1599.6	1600.7
157.5°	1625.9	1625.9	1625.3	1624.2	1623.0	1621.9	1620.7	1622.1	1623.6	1625.0	1626.5
160°	1645.6	1645.2	1645.1	1644.8	1644.5	1644.2	1643.9	1645.6	1647.4	1649.1	1650.8
162.5°	1665.2	1664.6	1664.5	1664.2	1663.9	1663.6	1663.3	1665.0	1666.7	1668.4	1670.1
165°	1680.8	1680.1	1680.1	1680.1	1680.1	1680.1	1680.1	1682.4	1684.7	1687.0	1689.3
167.5°	1695.0	1694.3	1694.2	1693.9	1693.6	1693.3	1693.0	1695.6	1698.2	1700.7	1703.3
170°	1705.5	1704.6	1704.7	1705.0	1705.3	1705.6	1705.9	1708.2	1710.5	1712.8	1715.1
172.5°	1713.2	1712.3	1712.4	1712.7	1713.0	1713.3	1713.6	1715.9	1718.2	1720.5	1722.8
175°	1718.4	1717.5	1717.6	1717.9	1718.2	1718.5	1718.8	1721.4	1724.0	1726.5	1729.1
177.5°	1721.1	1720.1	1720.4	1720.9	1721.5	1722.0	1722.6	1724.9	1727.2	1729.5	1731.8
180°	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2

TEST NUMBER: P1033856

CATALOG NUMBER: S124RDIW-B1020D1340UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9
2.5°	1603.0	1608.4	1601.6	1605.7	1596.1	1594.8	1596.1	1596.1	1597.5	1598.9	1600.2
5°	1512.8	1511.4	1503.2	1497.7	1493.6	1497.7	1500.5	1503.2	1500.5	1503.2	1504.6
7.5°	1428.0	1423.9	1419.8	1410.3	1413.0	1410.3	1418.5	1414.4	1414.4	1421.2	1426.7
10°	1352.9	1344.7	1341.9	1331.0	1322.8	1321.5	1331.0	1335.1	1339.2	1341.9	1352.9
12.5°	1255.9	1243.6	1234.0	1238.1	1214.9	1224.4	1227.2	1221.7	1238.1	1257.2	1246.3
15°	1152.0	1153.4	1134.2	1127.4	1108.3	1113.7	1115.1	1128.8	1142.4	1141.1	1157.5
17.5°	1075.5	1067.3	1050.9	1049.5	1041.3	1045.4	1044.0	1055.0	1050.9	1057.7	1071.4
20°	1004.4	998.9	985.3	979.8	982.5	979.8	981.2	982.5	986.6	1001.7	998.9
22.5°	948.4	941.6	941.6	934.7	926.5	923.8	930.6	934.7	940.2	942.9	949.8
25°	899.2	893.7	886.9	882.8	876.0	877.3	881.4	886.9	891.0	896.5	901.9
27.5°	848.6	848.6	841.8	840.4	837.7	836.3	841.8	844.5	844.5	848.6	854.1
30°	809.0	809.0	802.2	800.8	799.4	799.4	803.5	804.9	806.3	810.4	813.1
32.5°	770.7	769.4	766.6	768.0	766.6	768.0	768.0	769.4	772.1	773.5	778.9
35°	735.2	736.6	733.8	733.8	732.5	733.8	736.6	737.9	739.3	742.0	742.0
37.5°	701.0	703.8	702.4	706.5	706.5	706.5	706.5	709.2	709.2	709.2	707.9
40°	671.0	671.0	669.6	672.3	675.1	675.1	676.4	676.4	677.8	677.8	676.4
42.5°	636.8	639.5	643.6	645.0	647.7	646.4	650.5	649.1	650.5	647.7	645.0
45°	605.4	605.4	610.8	616.3	617.7	617.7	617.7	620.4	617.7	613.6	612.2
47.5°	571.2	574.0	576.7	583.5	584.9	584.9	584.9	584.9	582.1	582.1	582.1
50°	537.1	538.4	539.8	542.5	546.6	545.3	545.3	545.3	550.7	545.3	546.6
52.5°	496.1	497.4	498.8	504.3	502.9	502.9	504.3	504.3	508.4	507.0	504.3
55°	455.1	455.1	457.8	457.8	457.8	460.5	461.9	464.6	463.3	464.6	466.0
57.5°	414.1	411.3	410.0	410.0	414.1	412.7	414.1	414.1	419.5	422.3	423.6
60°	366.2	366.2	364.9	356.7	356.7	355.3	359.4	362.1	364.9	377.2	375.8
62.5°	317.0	311.6	306.1	307.5	299.3	303.4	300.6	303.4	311.6	321.1	322.5
65°	267.8	263.7	258.3	256.9	254.2	258.3	256.9	258.3	262.4	267.8	274.7
67.5°	224.1	222.7	220.0	218.6	218.6	218.6	221.4	221.4	222.7	226.8	230.9
70°	191.3	190.0	191.3	188.6	190.0	188.6	190.0	191.3	192.7	194.0	198.1
72.5°	161.3	161.3	161.3	158.5	161.3	159.9	159.9	161.3	162.6	164.0	166.7
75°	128.5	125.7	123.0	120.3	118.9	121.6	123.0	121.6	125.7	131.2	131.2
77.5°	97.0	95.7	95.7	95.7	97.0	95.7	98.4	97.0	98.4	98.4	101.1
80°	75.2	73.8	75.2	75.2	73.8	76.5	75.2	75.2	76.5	77.9	76.5
82.5°	54.7	56.0	54.7	54.7	54.7	57.4	54.7	54.7	54.7	56.0	56.0
85°	34.2	34.2	34.2	34.2	35.5	34.2	35.5	34.2	36.9	35.5	35.5
87.5°	12.3	13.7	15.0	15.0	15.0	15.0	13.7	15.0	16.4	15.0	16.4
90°	36.1	36.4	37.0	37.5	38.1	38.7	38.1	37.5	37.0	36.4	36.1
92.5°	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
95°	36.1	36.2	36.5	36.8	37.1	37.4	37.1	36.8	36.5	36.2	36.1
97.5°	34.8	34.9	35.2	35.5	35.8	36.1	35.8	35.5	35.2	34.9	34.8
100°	34.8	34.9	35.2	35.5	35.8	36.1	35.8	35.5	35.2	34.9	34.8
102.5°	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
105°	414.2	409.0	398.7	388.4	378.1	367.8	378.1	388.4	398.7	409.0	414.2
107.5°	491.6	492.2	493.3	494.5	495.6	496.8	495.6	494.5	493.3	492.2	491.6
110°	571.6	572.0	572.9	573.8	574.6	575.5	574.6	573.8	572.9	572.0	571.6

TEST NUMBER: P1033856

CATALOG NUMBER: S124RDIW-B1020D1340UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	649.1	649.7	650.8	651.9	653.1	654.2	653.1	651.9	650.8	649.7	649.1
115°	730.3	730.3	730.3	730.3	730.3	730.3	730.3	730.3	730.3	730.3	730.3
117.5°	809.1	809.1	809.1	809.1	809.1	809.1	809.1	809.1	809.1	809.1	809.1
120°	885.2	884.9	884.3	883.8	883.2	882.6	883.2	883.8	884.3	884.9	885.2
122.5°	957.5	957.2	956.6	956.1	955.5	954.9	955.5	956.1	956.6	957.2	957.5
125°	1025.8	1025.9	1026.2	1026.5	1026.8	1027.1	1026.8	1026.5	1026.2	1025.9	1025.8
127.5°	1091.6	1091.5	1091.2	1090.9	1090.7	1090.4	1090.7	1090.9	1091.2	1091.5	1091.6
130°	1154.9	1154.9	1154.9	1154.9	1154.9	1154.9	1154.9	1154.9	1154.9	1154.9	1154.9
132.5°	1215.5	1215.4	1215.1	1214.8	1214.5	1214.2	1214.5	1214.8	1215.1	1215.4	1215.5
135°	1271.0	1271.3	1271.9	1272.4	1273.0	1273.6	1273.0	1272.4	1271.9	1271.3	1271.0
137.5°	1325.2	1325.1	1324.8	1324.5	1324.2	1323.9	1324.2	1324.5	1324.8	1325.1	1325.2
140°	1375.5	1375.6	1375.9	1376.2	1376.5	1376.8	1376.5	1376.2	1375.9	1375.6	1375.5
142.5°	1420.7	1420.7	1420.7	1420.7	1420.7	1420.7	1420.7	1420.7	1420.7	1420.7	1420.7
145°	1463.3	1463.6	1464.2	1464.7	1465.3	1465.9	1465.3	1464.7	1464.2	1463.6	1463.3
147.5°	1502.0	1502.1	1502.4	1502.7	1503.0	1503.3	1503.0	1502.7	1502.4	1502.1	1502.0
150°	1538.1	1538.2	1538.5	1538.8	1539.1	1539.4	1539.1	1538.8	1538.5	1538.2	1538.1
152.5°	1571.7	1571.6	1571.3	1571.0	1570.7	1570.4	1570.7	1571.0	1571.3	1571.6	1571.7
155°	1601.3	1600.9	1600.0	1599.2	1598.3	1597.5	1598.3	1599.2	1600.0	1600.9	1601.3
157.5°	1627.2	1626.5	1625.0	1623.6	1622.1	1620.7	1622.1	1623.6	1625.0	1626.5	1627.2
160°	1651.7	1650.8	1649.1	1647.4	1645.6	1643.9	1645.6	1647.4	1649.1	1650.8	1651.7
162.5°	1671.0	1670.0	1668.0	1666.0	1664.0	1662.0	1664.0	1666.0	1668.0	1670.0	1671.0
165°	1690.4	1689.1	1686.5	1684.0	1681.4	1678.8	1681.4	1684.0	1686.5	1689.1	1690.4
167.5°	1704.6	1703.2	1700.3	1697.4	1694.6	1691.7	1694.6	1697.4	1700.3	1703.2	1704.6
170°	1716.2	1714.8	1711.9	1709.0	1706.2	1703.3	1706.2	1709.0	1711.9	1714.8	1716.2
172.5°	1723.9	1722.3	1719.2	1716.0	1712.9	1709.7	1712.9	1716.0	1719.2	1722.3	1723.9
175°	1730.4	1728.7	1725.2	1721.8	1718.3	1714.9	1718.3	1721.8	1725.2	1728.7	1730.4
177.5°	1733.0	1731.3	1727.8	1724.4	1720.9	1717.5	1720.9	1724.4	1727.8	1731.3	1733.0
180°	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2

TEST NUMBER: P1033856

CATALOG NUMBER: S124RDIW-B1020D1340UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9	1695.9
2.5°	1605.7	1612.5	1609.8	1600.2	1604.3	1612.5	1620.7	1631.7	1638.5	1644.0	1646.7
5°	1511.4	1523.7	1521.0	1521.0	1526.4	1540.1	1553.8	1577.0	1585.2	1594.8	1608.4
7.5°	1428.0	1437.6	1445.8	1448.5	1456.7	1474.5	1492.3	1518.2	1538.7	1549.7	1557.9
10°	1354.2	1361.1	1373.4	1380.2	1388.4	1410.3	1436.2	1463.6	1484.1	1503.2	1514.1
12.5°	1260.0	1287.3	1303.7	1314.6	1325.6	1358.3	1378.8	1408.9	1433.5	1451.3	1467.7
15°	1154.7	1187.5	1197.1	1239.5	1266.8	1292.8	1324.2	1359.7	1382.9	1403.4	1425.3
17.5°	1065.9	1089.1	1100.1	1145.2	1168.4	1209.4	1254.5	1299.6	1335.1	1350.1	1372.0
20°	1009.9	1022.2	1044.0	1059.1	1083.7	1131.5	1180.7	1235.4	1288.7	1303.7	1325.6
22.5°	952.5	968.9	983.9	1004.4	1023.5	1056.3	1105.5	1165.7	1223.1	1250.4	1276.4
25°	900.6	917.0	926.5	948.4	966.1	998.9	1033.1	1094.6	1162.9	1186.2	1227.2
27.5°	859.6	869.1	885.5	895.1	915.6	945.7	977.1	1023.5	1090.5	1130.1	1169.8
30°	818.6	825.4	839.1	852.7	867.8	888.3	923.8	968.9	1030.4	1064.5	1104.2
32.5°	777.6	788.5	796.7	806.3	822.7	847.3	871.9	915.6	964.8	1003.0	1042.7
35°	743.4	747.5	758.4	769.4	780.3	802.2	828.1	870.5	914.2	944.3	979.8
37.5°	706.5	713.3	721.5	725.6	743.4	757.1	784.4	817.2	869.1	888.3	923.8
40°	677.8	676.4	684.6	691.5	699.7	721.5	737.9	773.5	814.5	844.5	866.4
42.5°	642.3	642.3	645.0	653.2	664.1	677.8	696.9	727.0	769.4	791.2	817.2
45°	613.6	609.5	610.8	616.3	623.1	636.8	655.9	681.9	724.3	742.0	769.4
47.5°	579.4	575.3	575.3	580.8	586.2	595.8	610.8	640.9	675.1	698.3	718.8
50°	541.2	542.5	541.2	545.3	548.0	557.6	574.0	598.5	630.0	649.1	672.3
52.5°	505.6	502.9	501.5	504.3	509.7	516.6	534.3	556.2	586.2	605.4	625.9
55°	461.9	464.6	464.6	464.6	472.8	475.6	489.2	511.1	541.2	556.2	575.3
57.5°	422.3	420.9	423.6	422.3	429.1	438.7	449.6	466.0	496.1	511.1	528.9
60°	378.5	379.9	381.3	381.3	386.7	396.3	408.6	423.6	448.2	463.3	479.7
62.5°	325.2	332.1	338.9	341.6	349.8	356.7	364.9	381.3	403.1	414.1	429.1
65°	274.7	284.2	293.8	300.6	306.1	312.9	323.9	338.9	356.7	367.6	382.6
67.5°	230.9	237.8	250.1	256.9	267.8	276.0	282.9	295.2	317.0	321.1	333.4
70°	199.5	202.2	207.7	213.2	225.5	232.3	240.5	252.8	269.2	278.8	285.6
72.5°	168.1	169.5	172.2	177.7	183.1	191.3	200.9	211.8	226.8	230.9	240.5
75°	133.9	142.1	142.1	146.2	150.3	154.4	162.6	173.6	183.1	190.0	195.4
77.5°	99.8	103.9	106.6	113.4	118.9	123.0	128.5	136.7	142.1	147.6	151.7
80°	77.9	79.3	80.6	80.6	83.4	88.8	94.3	99.8	106.6	109.3	113.4
82.5°	57.4	57.4	57.4	60.1	61.5	62.9	62.9	65.6	72.4	75.2	79.3
85°	36.9	36.9	36.9	36.9	38.3	39.6	41.0	42.4	42.4	42.4	45.1
87.5°	15.0	17.8	16.4	17.8	17.8	17.8	17.8	19.1	19.1	20.5	20.5
90°	35.2	33.5	31.8	30.1	28.4	26.1	23.8	21.5	19.2	18.1	16.5
92.5°	33.9	32.2	30.5	28.8	27.1	24.8	22.5	20.2	17.9	16.8	17.1
95°	35.2	33.5	31.8	30.1	28.4	28.1	27.8	27.5	27.2	27.1	32.0
97.5°	34.1	32.7	31.2	29.8	28.4	58.5	88.6	118.7	148.8	163.9	160.7
100°	37.2	42.1	47.0	51.9	56.8	96.4	135.9	175.5	215.0	234.8	232.2
102.5°	69.7	134.2	198.7	263.3	327.8	324.4	320.9	317.5	314.0	312.3	310.6
105°	412.9	410.3	407.8	405.2	402.6	401.2	399.7	398.3	396.8	396.1	395.2
107.5°	490.9	489.5	488.0	486.6	485.2	483.2	481.2	479.1	477.1	476.1	475.7
110°	571.3	570.8	570.2	569.7	569.1	567.4	565.6	563.9	562.2	561.3	560.9

TEST NUMBER: P1033856

CATALOG NUMBER: S124RDIW-B1020D1340UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	649.2	649.5	649.8	650.0	650.3	649.7	649.2	648.6	648.1	647.8	646.9
115°	730.0	729.5	728.9	728.4	727.8	728.1	728.4	728.7	729.0	729.1	728.7
117.5°	809.2	809.5	809.8	810.0	810.3	809.5	808.6	807.8	806.9	806.5	805.9
120°	884.9	884.3	883.8	883.2	882.6	882.9	883.2	883.5	883.8	883.9	883.3
122.5°	957.4	957.1	956.8	956.5	956.2	955.6	955.0	954.5	953.9	953.6	953.3
125°	1025.4	1024.5	1023.7	1022.8	1022.0	1022.6	1023.2	1023.7	1024.3	1024.6	1024.0
127.5°	1091.7	1092.0	1092.3	1092.6	1092.9	1091.5	1090.1	1088.6	1087.2	1086.5	1086.4
130°	1154.8	1154.5	1154.2	1153.9	1153.6	1152.7	1151.9	1151.0	1150.1	1149.7	1149.6
132.5°	1215.4	1215.1	1214.8	1214.5	1214.2	1213.1	1211.9	1210.8	1209.7	1209.1	1208.8
135°	1270.7	1270.1	1269.6	1269.0	1268.4	1267.3	1266.1	1265.0	1263.9	1263.3	1263.4
137.5°	1324.9	1324.3	1323.8	1323.2	1322.6	1321.2	1319.8	1318.3	1316.9	1316.2	1316.2
140°	1375.1	1374.2	1373.4	1372.5	1371.7	1371.1	1370.5	1370.0	1369.4	1369.1	1368.8
142.5°	1420.4	1419.8	1419.3	1418.7	1418.1	1417.8	1417.5	1417.2	1416.9	1416.8	1416.2
145°	1463.2	1462.9	1462.6	1462.3	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1461.6
147.5°	1501.9	1501.6	1501.3	1501.0	1500.7	1501.0	1501.3	1501.6	1501.9	1502.0	1501.1
150°	1538.1	1538.1	1538.1	1538.1	1538.1	1538.4	1538.7	1539.0	1539.3	1539.4	1538.8
152.5°	1571.4	1570.8	1570.3	1569.7	1569.1	1569.7	1570.3	1570.8	1571.4	1571.7	1571.3
155°	1600.7	1599.6	1598.5	1597.3	1596.2	1597.1	1597.9	1598.8	1599.7	1600.1	1600.0
157.5°	1626.5	1625.0	1623.6	1622.1	1620.7	1621.9	1623.0	1624.2	1625.3	1625.9	1625.9
160°	1650.8	1649.1	1647.4	1645.6	1643.9	1644.2	1644.5	1644.8	1645.1	1645.2	1645.6
162.5°	1670.1	1668.4	1666.7	1665.0	1663.3	1663.6	1663.9	1664.2	1664.5	1664.6	1665.2
165°	1689.3	1687.0	1684.7	1682.4	1680.1	1680.1	1680.1	1680.1	1680.1	1680.1	1680.8
167.5°	1703.3	1700.7	1698.2	1695.6	1693.0	1693.3	1693.6	1693.9	1694.2	1694.3	1695.0
170°	1715.1	1712.8	1710.5	1708.2	1705.9	1705.6	1705.3	1705.0	1704.7	1704.6	1705.5
172.5°	1722.8	1720.5	1718.2	1715.9	1713.6	1713.3	1713.0	1712.7	1712.4	1712.3	1713.2
175°	1729.1	1726.5	1724.0	1721.4	1718.8	1718.5	1718.2	1717.9	1717.6	1717.5	1718.4
177.5°	1731.8	1729.5	1727.2	1724.9	1722.6	1722.0	1721.5	1720.9	1720.4	1720.1	1721.1
180°	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2	1725.2

TEST NUMBER: P1033856

CATALOG NUMBER: S124RDIW-B1020D1340UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1695.9	1695.9	1695.9	1695.9
2.5°	1657.6	1665.8	1679.5	1698.6
5°	1619.4	1642.6	1664.5	1693.2
7.5°	1585.2	1612.5	1642.6	1683.6
10°	1545.6	1579.7	1618.0	1668.6
12.5°	1499.1	1546.9	1590.7	1645.3
15°	1464.9	1500.5	1556.5	1620.7
17.5°	1417.1	1464.9	1521.0	1593.4
20°	1372.0	1422.6	1485.4	1560.6
22.5°	1324.2	1381.6	1444.4	1525.1
25°	1275.0	1336.5	1399.3	1485.4
27.5°	1229.9	1285.9	1357.0	1444.4
30°	1175.2	1239.5	1307.8	1399.3
32.5°	1121.9	1188.9	1258.6	1350.1
35°	1064.5	1131.5	1208.0	1295.5
37.5°	1008.5	1082.3	1152.0	1236.7
40°	947.0	1023.5	1096.0	1182.1
42.5°	886.9	966.1	1038.6	1112.4
45°	830.9	908.8	974.3	1044.0
47.5°	777.6	847.3	914.2	977.1
50°	725.6	784.4	845.9	897.8
52.5°	671.0	727.0	776.2	822.7
55°	621.8	665.5	709.2	751.6
57.5°	563.0	606.7	645.0	677.8
60°	513.8	541.2	578.0	612.2
62.5°	457.8	489.2	517.9	539.8
65°	403.1	430.5	452.3	471.5
67.5°	356.7	373.1	389.5	410.0
70°	300.6	314.3	333.4	348.5
72.5°	252.8	263.7	273.3	291.1
75°	205.0	214.5	220.0	236.4
77.5°	158.5	168.1	172.2	181.8
80°	121.6	123.0	128.5	136.7
82.5°	83.4	86.1	87.5	94.3
85°	47.8	54.7	53.3	56.0
87.5°	20.5	21.9	24.6	27.3
90°	13.4	10.2	7.1	3.9
92.5°	17.7	18.2	18.8	19.4
95°	41.7	51.5	61.2	71.0
97.5°	154.4	148.1	141.8	135.5
100°	227.1	221.9	216.8	211.6
102.5°	307.1	303.7	300.2	296.8
105°	393.5	391.8	390.1	388.4
107.5°	474.8	474.0	473.1	472.3
110°	560.0	559.1	558.3	557.4



TEST NUMBER: P1033856

CATALOG NUMBER: S124RDIW-B1020D1340UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	645.2	643.5	641.7	640.0
115°	727.8	726.9	726.1	725.2
117.5°	804.8	803.6	802.5	801.3
120°	882.2	881.0	879.9	878.7
122.5°	952.7	952.2	951.6	951.0
125°	1022.9	1021.7	1020.6	1019.4
127.5°	1086.1	1085.8	1085.5	1085.2
130°	1149.3	1149.0	1148.7	1148.4
132.5°	1208.2	1207.7	1207.1	1206.5
135°	1263.7	1264.0	1264.3	1264.6
137.5°	1316.2	1316.2	1316.2	1316.2
140°	1368.2	1367.7	1367.1	1366.5
142.5°	1415.1	1414.0	1412.8	1411.7
145°	1460.7	1459.8	1459.0	1458.1
147.5°	1499.4	1497.7	1495.9	1494.2
150°	1537.7	1536.5	1535.4	1534.2
152.5°	1570.4	1569.5	1568.7	1567.8
155°	1599.7	1599.4	1599.1	1598.8
157.5°	1625.9	1625.9	1625.9	1625.9
160°	1646.5	1647.4	1648.2	1649.1
162.5°	1666.3	1667.4	1668.6	1669.7
165°	1682.2	1683.7	1685.1	1686.5
167.5°	1696.4	1697.9	1699.3	1700.7
170°	1707.2	1708.9	1710.6	1712.3
172.5°	1714.9	1716.6	1718.4	1720.1
175°	1720.1	1721.8	1723.5	1725.2
177.5°	1723.1	1725.1	1727.1	1729.1
180°	1725.2	1725.2	1725.2	1725.2

(END OF REPORT)