

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: P1035069

Luminaire Tested: S125DIW-B1090D770UB35-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1035069
REPORT IS A COMBINATION OF REPORTS P1003023 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIW-B1090D770UB35-4F0-XX-W2A-A1
Description: Define 5 Direct/Indirect Wall Mount with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

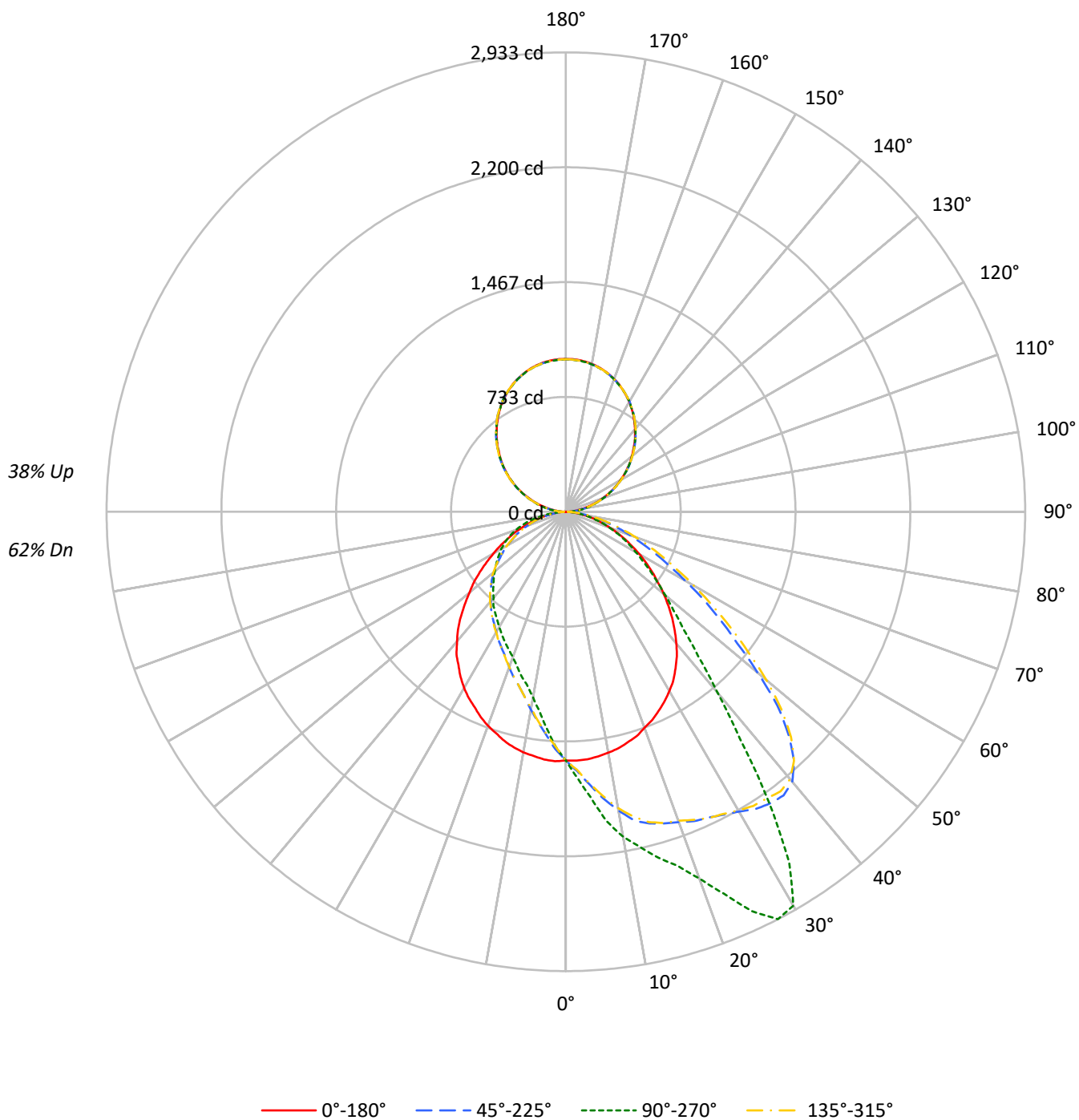
Lumens per Lamp: N/A
Luminaire Lumens: 7201.0 lumens
Efficiency: N/A
Efficacy: 102.9 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 70
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	110	110	110	110	103	103	103	103	90	90	90	78	78	78	67	67	67
1	101	97	93	89	94	91	87	84	80	77	75	69	68	66	60	59	58
2	92	85	78	73	86	80	74	70	70	66	62	61	58	55	53	51	49
3	84	75	67	61	79	70	64	58	62	57	53	54	50	47	47	44	42
4	77	66	58	52	72	62	55	50	55	50	45	49	44	41	42	39	36
5	71	59	51	45	66	56	48	43	50	44	39	44	39	35	38	35	32
6	65	53	45	39	61	50	43	37	45	39	34	40	35	31	35	31	28
7	61	48	40	34	57	45	38	33	41	35	30	36	31	28	32	28	25
8	56	44	36	30	53	41	34	29	37	31	27	33	28	25	29	25	22
9	52	40	32	27	49	38	31	26	34	28	24	30	26	22	27	23	20
10	49	37	29	24	46	35	28	24	31	26	22	28	23	20	25	21	18

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10172	10172	10172	10172
5°	10180	11539	10188	8754
10°	10118	13153	10100	7514
15°	10044	14261	9981	6790
20°	9917	15627	9826	6199
25°	9804	17905	9625	5848
30°	9642	18890	9475	5531
35°	9386	15143	9189	5277
40°	8987	10466	8855	5007
45°	8483	7792	8387	4783
50°	7905	6414	7774	4604
55°	7282	5471	7224	4449
60°	6671	4683	6555	4329
65°	6012	4045	5915	4152
70°	5315	3358	5245	3846
75°	4578	2597	4517	3339
80°	3616	1757	3484	2454
85°	2310	879	2236	1250

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 15537 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.8	2.1
10°-20°	455.1	6.3
20°-30°	739.3	10.3
30°-40°	903.5	12.5
40°-50°	819.6	11.4
50°-60°	652.8	9.1
60°-70°	454.6	6.3
70°-80°	242.2	3.4
80°-90°	61.6	0.9
90°-100°	64.8	0.9
100°-110°	192.5	2.7
110°-120°	326.5	4.5
120°-130°	429.8	6.0
130°-140°	481.6	6.7
140°-150°	472.0	6.6
150°-160°	396.5	5.5
160°-170°	263.6	3.7
170°-180°	92.2	1.3
0°-30°	1347.2	18.7
0°-40°	2250.7	31.3
0°-60°	3723.1	51.7
0°-90°	4481.5	62.2
90°-120°	583.8	8.1
90°-150°	1967.2	27.3
90°-180°	2720.0	37.8
0°-180°	7201.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1588	1588	1588	1588	1588	
5°	1586	1832	1588	1390	1586	151
15°	1524	2287	1515	1089	1524	430
25°	1403	2814	1377	919	1403	646
35°	1221	2259	1195	787	1221	762
45°	960	1065	949	654	960	739
55°	675	656	670	534	675	604
65°	418	403	411	414	418	415
75°	202	198	200	255	202	215
85°	40	44	39	63	40	48
90°	1	18	1	18	1	6
95°	49	65	49	65	49	52
105°	173	188	173	188	173	184
115°	327	330	327	330	327	323
125°	477	480	477	480	477	427
135°	620	623	620	623	620	478
145°	752	754	752	754	752	470
155°	860	860	860	860	860	396
165°	935	933	935	933	935	264
175°	972	968	972	968	972	92
180°	974	974	974	974	974	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6
2.5°	1590.3	1599.7	1610.5	1618.6	1632.1	1636.1	1642.9	1646.9	1651.0	1655.0	1657.7
5°	1586.3	1609.2	1629.4	1644.2	1669.8	1679.3	1691.4	1706.2	1723.7	1738.6	1748.0
7.5°	1575.5	1611.9	1638.8	1668.5	1703.5	1726.4	1738.6	1769.5	1797.9	1819.4	1847.7
10°	1562.0	1605.1	1646.9	1691.4	1741.2	1766.9	1791.1	1834.2	1873.3	1908.4	1936.7
12.5°	1547.2	1599.7	1649.6	1707.6	1774.9	1805.9	1822.1	1896.2	1944.8	1963.6	2018.9
15°	1524.3	1586.3	1657.7	1729.1	1785.7	1822.1	1866.6	1925.9	1974.4	2016.2	2060.7
17.5°	1502.7	1570.1	1642.9	1722.4	1804.6	1851.8	1885.5	1938.0	1990.6	2044.5	2086.3
20°	1467.7	1555.3	1629.4	1714.3	1811.3	1845.0	1880.1	1942.1	1998.7	2056.6	2109.2
22.5°	1439.4	1522.9	1624.0	1704.9	1787.1	1820.8	1863.9	1928.6	1996.0	2062.0	2138.8
25°	1403.0	1496.0	1583.6	1669.8	1754.7	1791.1	1830.2	1913.8	1983.8	2068.7	2153.6
27.5°	1363.9	1459.6	1547.2	1625.3	1704.9	1754.7	1796.5	1884.1	1977.1	2070.1	2180.6
30°	1322.1	1412.4	1496.0	1572.8	1660.4	1711.6	1753.4	1855.8	1959.6	2078.2	2210.3
32.5°	1277.6	1362.5	1434.0	1512.1	1605.1	1652.3	1708.9	1820.8	1943.4	2084.9	2250.7
35°	1221.0	1301.9	1365.2	1444.8	1537.7	1598.4	1657.7	1783.0	1925.9	2083.6	2273.6
37.5°	1164.4	1227.8	1288.4	1373.3	1481.1	1536.4	1598.4	1735.9	1898.9	2079.5	2283.0
40°	1097.0	1159.0	1211.6	1297.8	1411.1	1474.4	1539.1	1683.3	1867.9	2064.7	2249.3
42.5°	1029.7	1082.2	1140.2	1230.5	1339.6	1407.0	1475.7	1636.1	1827.5	2021.6	2156.3
45°	959.6	1000.0	1063.3	1145.6	1261.5	1326.2	1404.3	1578.2	1770.9	1943.4	2010.8
47.5°	886.8	927.2	986.5	1066.0	1180.6	1257.4	1331.5	1505.4	1699.5	1832.9	1832.9
50°	816.7	849.1	907.0	986.5	1102.4	1172.5	1248.0	1432.6	1589.0	1687.3	1599.7
52.5°	741.2	777.6	826.1	909.7	1024.3	1087.6	1169.8	1327.5	1475.7	1516.2	1381.4
55°	675.2	704.9	750.7	830.2	936.7	1002.7	1072.8	1223.7	1349.1	1346.4	1202.2
57.5°	606.5	630.7	679.2	752.0	850.4	909.7	979.8	1110.5	1212.9	1176.6	1040.4
60°	543.1	560.6	607.8	667.1	761.5	816.7	884.1	990.6	1068.7	1017.5	880.1
62.5°	477.1	497.3	535.0	593.0	676.6	721.0	770.9	878.7	928.6	882.8	742.6
65°	417.8	434.0	467.7	516.2	591.6	632.1	675.2	764.2	811.3	745.3	629.4
67.5°	358.5	377.4	401.6	444.7	504.0	541.8	579.5	656.3	677.9	618.6	521.6
70°	303.2	319.4	342.3	373.3	423.2	456.9	485.2	548.5	563.3	508.1	431.3
72.5°	249.3	260.1	279.0	304.6	350.4	369.3	398.9	442.1	460.9	411.1	355.8
75°	202.2	210.2	222.4	241.2	272.2	292.5	316.7	357.1	355.8	320.8	281.7
77.5°	156.3	157.7	171.2	188.7	207.5	225.1	237.2	265.5	268.2	246.6	214.3
80°	111.9	115.9	121.3	134.8	150.9	157.7	172.5	190.0	192.7	176.6	155.0
82.5°	71.4	74.1	78.2	86.3	97.0	105.1	113.2	119.9	126.7	117.3	99.7
85°	40.4	41.8	45.8	48.5	53.9	58.0	64.7	71.4	70.1	63.3	58.0
87.5°	20.2	20.2	20.2	22.9	25.6	25.6	28.3	29.6	31.0	28.3	25.6
90°	0.8	2.1	3.5	4.8	6.1	6.8	7.4	8.6	9.7	10.9	12.1
92.5°	22.7	23.5	24.4	25.2	26.1	26.5	27.3	28.8	30.3	31.9	33.4
95°	49.3	49.6	50.0	50.3	50.6	50.8	51.6	53.3	55.0	56.7	58.4
97.5°	75.8	76.0	76.2	76.3	76.5	76.6	77.8	80.1	82.5	84.8	87.2
100°	106.2	106.2	106.2	106.2	106.2	106.2	107.3	109.5	111.6	113.8	116.0
102.5°	138.8	139.6	140.5	141.3	142.2	142.6	143.0	143.9	144.7	145.6	146.4
105°	172.9	173.7	174.6	175.4	176.3	176.7	177.2	178.2	179.2	180.2	181.2
107.5°	210.0	210.8	211.7	212.5	213.4	213.8	214.2	215.1	215.9	216.8	217.6
110°	248.7	249.5	250.4	251.2	252.1	252.5	252.8	253.3	253.8	254.3	254.8

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	288.2	288.5	288.9	289.2	289.5	289.7	290.0	290.7	291.4	292.0	292.7
115°	326.8	327.5	328.2	328.9	329.6	329.9	330.1	330.4	330.7	331.1	331.4
117.5°	366.3	366.5	366.6	366.8	366.9	367.0	367.2	367.5	367.8	368.2	368.5
120°	402.7	403.5	404.3	405.2	406.0	406.4	406.5	406.7	406.8	407.0	407.2
122.5°	442.1	442.3	442.4	442.6	442.7	442.8	443.1	443.6	444.1	444.6	445.1
125°	477.0	478.0	479.0	480.0	481.0	481.5	481.6	481.8	481.9	482.1	482.3
127.5°	515.6	516.1	516.6	517.1	517.6	517.9	518.0	518.2	518.3	518.5	518.7
130°	549.8	550.6	551.5	552.3	553.2	553.6	553.8	554.1	554.4	554.8	555.1
132.5°	583.9	585.4	586.9	588.4	589.9	590.7	590.6	590.5	590.3	590.2	590.0
135°	620.3	621.3	622.3	623.3	624.3	624.8	624.9	625.1	625.2	625.4	625.6
137.5°	654.4	655.4	656.4	657.5	658.5	659.0	659.2	659.5	659.8	660.2	660.5
140°	687.0	687.8	688.7	689.5	690.4	690.8	691.1	691.6	692.1	692.6	693.1
142.5°	719.6	720.3	721.0	721.7	722.4	722.7	723.0	723.7	724.4	725.0	725.7
145°	751.5	752.2	752.8	753.5	754.2	754.5	754.8	755.3	755.8	756.3	756.8
147.5°	781.0	781.5	782.0	782.5	783.0	783.3	783.5	783.8	784.1	784.5	784.8
150°	810.6	810.4	810.3	810.1	810.0	809.9	810.2	810.9	811.6	812.2	812.9
152.5°	834.9	835.2	835.6	835.9	836.2	836.4	836.5	836.7	836.8	837.0	837.2
155°	859.9	859.9	859.9	859.9	859.9	859.9	860.0	860.2	860.3	860.5	860.7
157.5°	882.7	882.3	882.0	881.6	881.3	881.1	881.2	881.4	881.5	881.7	881.9
160°	902.4	901.9	901.4	900.9	900.4	900.1	900.2	900.3	900.5	900.6	900.8
162.5°	919.8	919.5	919.1	918.8	918.5	918.3	918.3	918.3	918.3	918.3	918.3
165°	935.0	934.7	934.3	934.0	933.7	933.5	933.6	933.7	933.9	934.0	934.2
167.5°	948.6	947.9	947.3	946.6	945.9	945.6	945.6	945.6	945.6	945.6	945.6
170°	959.2	958.5	957.9	957.2	956.5	956.2	956.2	956.2	956.2	956.2	956.2
172.5°	966.8	966.1	965.5	964.8	964.1	963.8	963.8	963.8	963.8	963.8	963.8
175°	972.1	971.4	970.8	970.1	969.4	969.1	969.1	969.1	969.1	969.1	969.1
177.5°	975.9	975.2	974.6	973.9	973.2	972.9	972.8	972.6	972.5	972.3	972.1
180°	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6
2.5°	1660.4	1669.8	1677.9	1684.6	1690.0	1698.1	1692.7	1694.1	1696.8	1702.2	1702.2
5°	1768.2	1783.0	1791.1	1818.1	1824.8	1823.5	1819.4	1841.0	1839.6	1831.5	1830.2
7.5°	1873.3	1898.9	1921.8	1943.4	1950.1	1967.7	1971.7	1981.1	1978.4	1991.9	1985.2
10°	1969.0	2009.4	2031.0	2063.4	2071.4	2079.5	2090.3	2095.7	2107.8	2106.5	2106.5
12.5°	2043.1	2091.7	2120.0	2128.0	2159.0	2168.5	2177.9	2195.4	2191.4	2192.7	2200.8
15°	2101.1	2148.3	2172.5	2210.3	2231.8	2242.6	2258.8	2277.6	2274.9	2287.1	2284.4
17.5°	2144.2	2188.7	2233.2	2289.8	2291.1	2319.4	2357.2	2365.2	2382.8	2370.6	2370.6
20°	2179.3	2238.6	2301.9	2374.7	2382.8	2400.3	2446.1	2477.1	2497.3	2490.6	2494.6
22.5°	2217.0	2301.9	2376.0	2448.8	2487.9	2518.9	2563.4	2611.9	2629.4	2640.2	2637.5
25°	2265.5	2354.5	2463.6	2564.7	2605.1	2664.4	2723.7	2770.9	2784.4	2814.0	2787.1
27.5°	2315.4	2440.7	2576.8	2695.4	2746.6	2795.2	2866.6	2901.6	2919.2	2932.6	2923.2
30°	2357.2	2529.7	2677.9	2787.1	2823.5	2851.8	2892.2	2900.3	2893.5	2904.3	2917.8
32.5°	2421.8	2590.3	2715.6	2768.2	2764.2	2762.8	2731.8	2688.7	2679.3	2653.7	2688.7
35°	2456.9	2591.7	2640.2	2570.1	2541.8	2490.6	2392.2	2327.5	2270.9	2258.8	2261.5
37.5°	2436.7	2489.2	2431.3	2246.6	2200.8	2122.7	1991.9	1900.3	1858.5	1826.2	1867.9
40°	2327.5	2269.6	2110.5	1885.5	1819.4	1745.3	1622.6	1572.8	1513.5	1501.4	1556.6
42.5°	2146.9	1970.4	1745.3	1571.4	1502.7	1460.9	1358.5	1311.3	1269.5	1250.7	1281.7
45°	1901.6	1687.3	1460.9	1318.1	1260.1	1210.2	1149.6	1099.7	1072.8	1064.7	1090.3
47.5°	1648.3	1421.8	1241.2	1134.8	1074.1	1036.4	979.8	951.5	929.9	932.6	936.7
50°	1405.7	1199.5	1060.7	954.2	924.5	894.9	857.1	832.9	822.1	826.1	823.5
52.5°	1196.8	1029.7	912.4	830.2	816.7	788.4	757.4	737.2	733.2	734.5	738.5
55°	1013.5	882.8	789.8	730.5	715.6	695.4	676.6	663.1	652.3	656.3	655.0
57.5°	874.7	760.1	688.7	640.2	629.4	617.3	599.7	593.0	589.0	580.9	587.6
60°	752.0	659.0	597.0	567.4	558.0	549.9	531.0	522.9	520.2	516.2	527.0
62.5°	636.1	570.1	522.9	496.0	486.5	478.4	469.0	462.3	463.6	458.2	463.6
65°	544.5	490.6	456.9	432.6	420.5	415.1	413.7	403.0	401.6	403.0	404.3
67.5°	459.6	413.7	388.1	373.3	363.9	358.5	354.4	347.7	353.1	349.1	351.8
70°	382.8	351.8	324.8	310.0	305.9	307.3	300.5	297.8	299.2	296.5	299.2
72.5°	308.6	283.0	272.2	261.5	256.1	254.7	250.7	246.6	250.7	249.3	249.3
75°	246.6	227.8	215.6	208.9	208.9	206.2	199.5	199.5	199.5	198.1	199.5
77.5°	190.0	173.9	168.5	161.7	161.7	157.7	156.3	156.3	153.6	157.7	155.0
80°	141.5	129.4	121.3	117.3	117.3	115.9	113.2	111.9	113.2	111.9	111.9
82.5°	91.6	86.3	82.2	78.2	76.8	78.2	76.8	74.1	75.5	74.1	76.8
85°	52.6	47.2	47.2	44.5	45.8	43.1	44.5	41.8	40.4	44.5	41.8
87.5°	22.9	21.6	21.6	18.9	18.9	18.9	17.5	18.9	17.5	16.2	17.5
90°	12.9	13.8	14.6	15.5	15.9	16.2	16.7	17.2	17.7	18.2	17.7
92.5°	34.6	35.8	36.9	38.1	38.7	38.9	39.2	39.5	39.9	40.2	39.9
95°	59.6	60.8	61.9	63.1	63.7	63.9	64.2	64.5	64.9	65.2	64.9
97.5°	88.2	89.2	90.3	91.3	91.8	91.9	92.0	92.2	92.3	92.5	92.3
100°	117.5	119.0	120.5	122.0	122.8	123.0	123.3	123.7	124.0	124.4	124.0
102.5°	148.1	149.7	151.4	153.1	153.9	154.2	154.7	155.2	155.7	156.2	155.7
105°	182.2	183.2	184.3	185.3	185.8	186.1	186.6	187.1	187.6	188.1	187.6
107.5°	218.1	218.6	219.1	219.6	219.9	219.9	219.9	219.9	219.9	219.9	219.9
110°	255.3	255.8	256.3	256.8	257.1	257.0	256.8	256.7	256.5	256.3	256.5

TEST NUMBER: P1035069

CATALOG NUMBER: S125DIW-B1090D770UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	292.9	293.1	293.2	293.4	293.5	293.3	293.0	292.6	292.3	291.9	292.3
115°	331.2	331.0	330.9	330.7	330.6	330.5	330.4	330.2	330.1	329.9	330.1
117.5°	368.7	368.9	369.0	369.2	369.3	369.0	368.3	367.6	367.0	366.3	367.0
120°	407.2	407.2	407.2	407.2	407.2	406.9	406.2	405.5	404.9	404.2	404.9
122.5°	444.9	444.8	444.6	444.5	444.4	444.1	443.6	443.1	442.6	442.1	442.6
125°	482.0	481.6	481.3	481.0	480.8	480.7	480.5	480.4	480.2	480.0	480.2
127.5°	518.5	518.3	518.2	518.0	517.9	517.7	517.4	517.1	516.7	516.4	516.7
130°	554.9	554.7	554.6	554.4	554.3	554.1	553.8	553.5	553.1	552.8	553.1
132.5°	589.8	589.6	589.5	589.3	589.2	588.9	588.4	587.9	587.4	586.9	587.4
135°	625.6	625.6	625.6	625.6	625.6	625.3	624.6	623.9	623.3	622.6	623.3
137.5°	660.7	660.8	661.0	661.1	661.2	660.8	659.9	659.1	658.2	657.4	658.2
140°	693.4	693.8	694.1	694.4	694.6	694.2	693.3	692.5	691.6	690.8	691.6
142.5°	725.9	726.0	726.2	726.3	726.4	726.0	725.2	724.3	723.5	722.7	723.5
145°	756.8	756.8	756.8	756.8	756.8	756.5	756.0	755.5	755.0	754.5	755.0
147.5°	785.3	785.8	786.3	786.8	787.1	786.4	785.1	783.7	782.4	781.0	782.4
150°	812.9	812.9	812.9	812.9	812.9	812.7	812.4	812.1	811.7	811.4	811.7
152.5°	837.7	838.2	838.7	839.2	839.4	839.1	838.4	837.7	837.1	836.4	837.1
155°	861.4	862.0	862.7	863.4	863.7	863.3	862.4	861.6	860.7	859.9	860.7
157.5°	882.6	883.2	883.9	884.6	884.9	884.3	883.1	882.0	880.8	879.6	880.8
160°	901.5	902.2	902.9	903.6	903.9	903.5	902.6	901.8	900.9	900.1	900.9
162.5°	919.1	920.0	920.8	921.7	922.1	921.6	920.6	919.5	918.5	917.5	918.5
165°	934.9	935.5	936.2	936.9	937.2	936.7	935.7	934.7	933.7	932.7	933.7
167.5°	946.6	947.6	948.6	949.6	950.1	949.6	948.6	947.6	946.6	945.6	946.6
170°	957.2	958.2	959.3	960.3	960.8	960.2	959.0	957.8	956.6	955.4	956.6
172.5°	964.8	965.8	966.8	967.8	968.3	967.8	966.8	965.8	964.8	963.8	964.8
175°	970.1	971.1	972.1	973.1	973.6	973.0	971.8	970.7	969.5	968.3	969.5
177.5°	973.1	974.1	975.2	976.2	976.7	976.1	974.9	973.8	972.6	971.4	972.6
180°	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4

TEST NUMBER: P1035069

CATALOG NUMBER: S125DIW-B1090D770UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6
2.5°	1699.5	1690.0	1692.7	1690.0	1683.3	1679.3	1668.5	1655.0	1649.6	1642.9	1638.8
5°	1835.6	1828.8	1827.5	1816.7	1814.0	1797.9	1770.9	1757.4	1741.2	1725.1	1708.9
7.5°	1983.8	1975.7	1948.8	1944.8	1947.4	1927.2	1892.2	1865.2	1831.5	1808.6	1777.6
10°	2106.5	2090.3	2067.4	2068.7	2059.3	2032.4	1997.3	1969.0	1920.5	1890.8	1846.4
12.5°	2180.6	2167.1	2164.4	2151.0	2142.9	2107.8	2066.0	2029.7	1993.3	1952.8	1919.1
15°	2270.9	2253.4	2241.2	2222.4	2217.0	2180.6	2134.8	2093.0	2051.2	2013.5	1942.1
17.5°	2370.6	2351.8	2305.9	2301.9	2269.6	2234.5	2190.0	2128.0	2083.6	2029.7	1977.1
20°	2483.8	2456.9	2397.6	2382.8	2357.2	2299.2	2238.6	2169.8	2098.4	2043.1	1981.1
22.5°	2610.5	2563.4	2520.2	2473.1	2454.2	2382.8	2299.2	2215.6	2129.4	2053.9	1979.8
25°	2774.9	2712.9	2652.3	2605.1	2572.8	2479.8	2367.9	2257.4	2157.7	2059.3	1962.3
27.5°	2904.3	2850.4	2784.4	2722.4	2680.6	2570.1	2442.1	2299.2	2175.2	2055.3	1951.5
30°	2913.8	2897.6	2857.2	2823.5	2777.6	2659.0	2517.5	2355.8	2202.2	2056.6	1929.9
32.5°	2737.2	2769.6	2787.1	2792.5	2783.0	2714.3	2584.9	2407.0	2226.4	2044.5	1911.1
35°	2357.2	2443.4	2549.9	2590.3	2629.4	2665.8	2598.4	2443.4	2234.5	2041.8	1881.4
37.5°	1940.7	2018.9	2195.4	2276.3	2322.1	2466.3	2521.6	2438.0	2250.7	2044.5	1853.1
40°	1566.0	1690.0	1816.7	1925.9	1997.3	2159.0	2330.2	2349.1	2227.8	2018.9	1816.7
42.5°	1318.1	1390.8	1486.5	1587.6	1651.0	1842.3	2074.1	2210.3	2156.3	1977.1	1772.2
45°	1122.6	1176.6	1266.9	1300.5	1381.4	1564.7	1810.0	2006.7	2033.7	1911.1	1721.0
47.5°	963.6	1009.4	1067.4	1109.2	1173.9	1311.3	1518.9	1735.9	1865.2	1820.8	1649.6
50°	849.1	886.8	935.3	959.6	1001.4	1125.3	1281.7	1497.3	1671.2	1686.0	1556.6
52.5°	753.4	774.9	812.7	839.6	873.3	948.8	1090.3	1268.2	1463.6	1544.5	1442.1
55°	669.8	687.3	721.0	738.5	756.1	820.8	931.3	1093.0	1276.3	1382.8	1324.8
57.5°	594.3	609.2	637.5	653.6	663.1	725.1	810.0	936.7	1101.1	1230.5	1198.1
60°	532.3	545.8	562.0	574.1	584.9	636.1	695.4	797.8	944.7	1070.1	1062.0
62.5°	466.3	478.4	496.0	508.1	517.5	549.9	599.7	677.9	803.2	919.1	942.1
65°	408.4	417.8	429.9	435.3	447.4	471.7	512.1	582.2	684.6	788.4	804.6
67.5°	355.8	358.5	366.6	378.7	381.4	403.0	439.4	491.9	571.4	656.3	681.9
70°	299.2	303.2	310.0	319.4	324.8	338.3	369.3	404.3	473.0	547.2	566.0
72.5°	249.3	254.7	257.4	262.8	265.5	287.1	300.5	335.6	382.8	444.7	465.0
75°	202.2	207.5	208.9	211.6	214.3	223.7	242.6	264.2	303.2	343.7	370.6
77.5°	160.4	159.0	161.7	165.8	164.4	172.5	184.6	203.5	229.1	262.8	280.3
80°	113.2	113.2	117.3	121.3	119.9	128.0	132.1	145.6	167.1	188.7	195.4
82.5°	75.5	75.5	79.5	79.5	82.2	83.6	88.9	95.7	113.2	124.0	128.0
85°	43.1	43.1	44.5	44.5	44.5	47.2	51.2	53.9	59.3	66.0	68.7
87.5°	17.5	18.9	18.9	18.9	18.9	21.6	21.6	24.3	25.6	28.3	28.3
90°	17.2	16.7	16.2	15.9	15.5	14.6	13.8	12.9	12.1	10.9	9.7
92.5°	39.5	39.2	38.9	38.7	38.1	36.9	35.8	34.6	33.4	31.9	30.3
95°	64.5	64.2	63.9	63.7	63.1	61.9	60.8	59.6	58.4	56.7	55.0
97.5°	92.2	92.0	91.9	91.8	91.3	90.3	89.2	88.2	87.2	84.8	82.5
100°	123.7	123.3	123.0	122.8	122.0	120.5	119.0	117.5	116.0	113.8	111.6
102.5°	155.2	154.7	154.2	153.9	153.1	151.4	149.7	148.1	146.4	145.6	144.7
105°	187.1	186.6	186.1	185.8	185.3	184.3	183.2	182.2	181.2	180.2	179.2
107.5°	219.9	219.9	219.9	219.9	219.6	219.1	218.6	218.1	217.6	216.8	215.9
110°	256.7	256.8	257.0	257.1	256.8	256.3	255.8	255.3	254.8	254.3	253.8

TEST NUMBER: P1035069

CATALOG NUMBER: S125DIW-B1090D770UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	292.6	293.0	293.3	293.5	293.4	293.2	293.1	292.9	292.7	292.0	291.4
115°	330.2	330.4	330.5	330.6	330.7	330.9	331.0	331.2	331.4	331.1	330.7
117.5°	367.6	368.3	369.0	369.3	369.2	369.0	368.9	368.7	368.5	368.2	367.8
120°	405.5	406.2	406.9	407.2	407.2	407.2	407.2	407.2	407.2	407.0	406.8
122.5°	443.1	443.6	444.1	444.4	444.5	444.6	444.8	444.9	445.1	444.6	444.1
125°	480.4	480.5	480.7	480.8	481.0	481.3	481.6	482.0	482.3	482.1	481.9
127.5°	517.1	517.4	517.7	517.9	518.0	518.2	518.3	518.5	518.7	518.5	518.3
130°	553.5	553.8	554.1	554.3	554.4	554.6	554.7	554.9	555.1	554.8	554.4
132.5°	587.9	588.4	588.9	589.2	589.3	589.5	589.6	589.8	590.0	590.2	590.3
135°	623.9	624.6	625.3	625.6	625.6	625.6	625.6	625.6	625.6	625.4	625.2
137.5°	659.1	659.9	660.8	661.2	661.1	661.0	660.8	660.7	660.5	660.2	659.8
140°	692.5	693.3	694.2	694.6	694.4	694.1	693.8	693.4	693.1	692.6	692.1
142.5°	724.3	725.2	726.0	726.4	726.3	726.2	726.0	725.9	725.7	725.0	724.4
145°	755.5	756.0	756.5	756.8	756.8	756.8	756.8	756.8	756.8	756.3	755.8
147.5°	783.7	785.1	786.4	787.1	786.8	786.3	785.8	785.3	784.8	784.5	784.1
150°	812.1	812.4	812.7	812.9	812.9	812.9	812.9	812.9	812.9	812.2	811.6
152.5°	837.7	838.4	839.1	839.4	839.2	838.7	838.2	837.7	837.2	837.0	836.8
155°	861.6	862.4	863.3	863.7	863.4	862.7	862.0	861.4	860.7	860.5	860.3
157.5°	882.0	883.1	884.3	884.9	884.6	883.9	883.2	882.6	881.9	881.7	881.5
160°	901.8	902.6	903.5	903.9	903.6	902.9	902.2	901.5	900.8	900.6	900.5
162.5°	919.5	920.6	921.6	922.1	921.7	920.8	920.0	919.1	918.3	918.3	918.3
165°	934.7	935.7	936.7	937.2	936.9	936.2	935.5	934.9	934.2	934.0	933.9
167.5°	947.6	948.6	949.6	950.1	949.6	948.6	947.6	946.6	945.6	945.6	945.6
170°	957.8	959.0	960.2	960.8	960.3	959.3	958.2	957.2	956.2	956.2	956.2
172.5°	965.8	966.8	967.8	968.3	967.8	966.8	965.8	964.8	963.8	963.8	963.8
175°	970.7	971.8	973.0	973.6	973.1	972.1	971.1	970.1	969.1	969.1	969.1
177.5°	973.8	974.9	976.1	976.7	976.2	975.2	974.1	973.1	972.1	972.3	972.5
180°	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4

TEST NUMBER: P1035069

CATALOG NUMBER: S125DIW-B1090D770UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6
2.5°	1633.4	1626.7	1618.6	1618.6	1609.2	1605.1	1597.0	1594.3	1587.6	1576.8	1568.7
5°	1691.4	1673.9	1663.1	1653.6	1633.4	1618.6	1603.8	1587.6	1571.4	1552.6	1531.0
7.5°	1748.0	1715.6	1700.8	1684.6	1655.0	1624.0	1594.3	1572.8	1551.2	1521.6	1494.6
10°	1807.3	1766.9	1739.9	1718.3	1672.5	1633.4	1590.3	1559.3	1525.6	1487.9	1452.8
12.5°	1857.2	1804.6	1781.7	1741.2	1688.7	1641.5	1587.6	1540.4	1496.0	1451.5	1408.4
15°	1898.9	1849.1	1792.5	1776.3	1703.5	1636.1	1575.5	1514.8	1459.6	1415.1	1365.2
17.5°	1912.4	1849.1	1820.8	1781.7	1695.4	1625.3	1548.5	1482.5	1429.9	1363.9	1324.8
20°	1916.5	1855.8	1816.7	1780.3	1703.5	1610.5	1535.0	1454.2	1390.8	1324.8	1262.8
22.5°	1905.7	1834.2	1796.5	1761.5	1675.2	1595.7	1508.1	1419.1	1345.0	1284.4	1222.4
25°	1885.5	1801.9	1765.5	1727.8	1645.6	1558.0	1462.3	1377.4	1308.6	1235.9	1175.2
27.5°	1858.5	1762.8	1721.0	1681.9	1601.1	1518.9	1428.6	1341.0	1264.2	1187.3	1130.7
30°	1824.8	1714.3	1676.6	1625.3	1547.2	1469.0	1386.8	1299.2	1212.9	1140.2	1078.2
32.5°	1781.7	1665.8	1615.9	1567.4	1482.5	1411.1	1332.9	1250.7	1167.1	1095.7	1031.0
35°	1742.6	1610.5	1555.3	1506.7	1412.4	1336.9	1272.2	1195.4	1121.3	1047.2	989.2
37.5°	1690.0	1555.3	1489.2	1439.4	1343.7	1266.9	1206.2	1146.9	1068.7	997.3	943.4
40°	1634.8	1486.5	1424.5	1374.7	1274.9	1191.4	1133.4	1080.9	1017.5	951.5	894.9
42.5°	1584.9	1420.5	1354.5	1293.8	1192.7	1118.6	1059.3	1018.9	960.9	901.6	850.4
45°	1521.6	1350.4	1279.0	1215.6	1118.6	1037.7	981.1	948.8	905.7	847.7	803.2
47.5°	1456.9	1274.9	1200.8	1138.8	1033.7	962.3	907.0	876.0	846.4	800.5	756.1
50°	1372.0	1195.4	1128.0	1056.6	952.8	880.1	834.2	803.2	780.3	748.0	710.2
52.5°	1279.0	1113.2	1040.4	978.4	876.0	810.0	757.4	739.9	717.0	692.7	660.4
55°	1180.6	1024.3	954.2	893.5	799.2	731.8	688.7	669.8	652.3	633.4	611.9
57.5°	1082.2	931.3	865.2	811.3	723.7	659.0	624.0	598.4	586.3	575.5	558.0
60°	959.6	831.5	780.3	731.8	645.6	586.3	552.6	533.7	522.9	517.5	509.4
62.5°	851.8	746.6	690.0	642.9	574.1	521.6	489.2	474.4	465.0	462.3	452.8
65°	737.2	646.9	602.4	562.0	502.7	455.5	428.6	411.1	404.3	403.0	403.0
67.5°	629.4	556.6	512.1	483.8	432.6	390.8	365.2	358.5	354.4	349.1	347.7
70°	528.3	470.4	431.3	407.0	361.2	330.2	310.0	299.2	299.2	295.1	292.5
72.5°	439.4	381.4	355.8	335.6	297.8	270.9	256.1	253.4	243.9	242.6	242.6
75°	343.7	300.5	283.0	265.5	237.2	218.3	206.2	199.5	194.1	194.1	195.4
77.5°	258.8	229.1	212.9	199.5	179.2	167.1	157.7	155.0	149.6	149.6	149.6
80°	183.3	167.1	155.0	144.2	129.4	118.6	113.2	107.8	107.8	106.5	107.8
82.5°	118.6	105.1	98.4	97.0	83.6	79.5	72.8	74.1	70.1	68.7	71.4
85°	68.7	62.0	53.9	51.2	45.8	40.4	37.7	39.1	37.7	36.4	37.7
87.5°	27.0	22.9	21.6	21.6	17.5	16.2	14.8	16.2	13.5	13.5	14.8
90°	8.6	7.4	6.8	6.1	4.8	3.5	2.1	0.8	2.1	3.5	4.8
92.5°	28.8	27.3	26.5	26.1	25.2	24.4	23.5	22.7	23.5	24.4	25.2
95°	53.3	51.6	50.8	50.6	50.3	50.0	49.6	49.3	49.6	50.0	50.3
97.5°	80.1	77.8	76.6	76.5	76.3	76.2	76.0	75.8	76.0	76.2	76.3
100°	109.5	107.3	106.2	106.2	106.2	106.2	106.2	106.2	106.2	106.2	106.2
102.5°	143.9	143.0	142.6	142.2	141.3	140.5	139.6	138.8	139.6	140.5	141.3
105°	178.2	177.2	176.7	176.3	175.4	174.6	173.7	172.9	173.7	174.6	175.4
107.5°	215.1	214.2	213.8	213.4	212.5	211.7	210.8	210.0	210.8	211.7	212.5
110°	253.3	252.8	252.5	252.1	251.2	250.4	249.5	248.7	249.5	250.4	251.2

TEST NUMBER: P1035069

CATALOG NUMBER: S125DIW-B1090D770UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	290.7	290.0	289.7	289.5	289.2	288.9	288.5	288.2	288.5	288.9	289.2
115°	330.4	330.1	329.9	329.6	328.9	328.2	327.5	326.8	327.5	328.2	328.9
117.5°	367.5	367.2	367.0	366.9	366.8	366.6	366.5	366.3	366.5	366.6	366.8
120°	406.7	406.5	406.4	406.0	405.2	404.3	403.5	402.7	403.5	404.3	405.2
122.5°	443.6	443.1	442.8	442.7	442.6	442.4	442.3	442.1	442.3	442.4	442.6
125°	481.8	481.6	481.5	481.0	480.0	479.0	478.0	477.0	478.0	479.0	480.0
127.5°	518.2	518.0	517.9	517.6	517.1	516.6	516.1	515.6	516.1	516.6	517.1
130°	554.1	553.8	553.6	553.2	552.3	551.5	550.6	549.8	550.6	551.5	552.3
132.5°	590.5	590.6	590.7	589.9	588.4	586.9	585.4	583.9	585.4	586.9	588.4
135°	625.1	624.9	624.8	624.3	623.3	622.3	621.3	620.3	621.3	622.3	623.3
137.5°	659.5	659.2	659.0	658.5	657.5	656.4	655.4	654.4	655.4	656.4	657.5
140°	691.6	691.1	690.8	690.4	689.5	688.7	687.8	687.0	687.8	688.7	689.5
142.5°	723.7	723.0	722.7	722.4	721.7	721.0	720.3	719.6	720.3	721.0	721.7
145°	755.3	754.8	754.5	754.2	753.5	752.8	752.2	751.5	752.2	752.8	753.5
147.5°	783.8	783.5	783.3	783.0	782.5	782.0	781.5	781.0	781.5	782.0	782.5
150°	810.9	810.2	809.9	810.0	810.1	810.3	810.4	810.6	810.4	810.3	810.1
152.5°	836.7	836.5	836.4	836.2	835.9	835.6	835.2	834.9	835.2	835.6	835.9
155°	860.2	860.0	859.9	859.9	859.9	859.9	859.9	859.9	859.9	859.9	859.9
157.5°	881.4	881.2	881.1	881.3	881.6	882.0	882.3	882.7	882.3	882.0	881.6
160°	900.3	900.2	900.1	900.4	900.9	901.4	901.9	902.4	901.9	901.4	900.9
162.5°	918.3	918.3	918.3	918.5	918.8	919.1	919.5	919.8	919.5	919.1	918.8
165°	933.7	933.6	933.5	933.7	934.0	934.3	934.7	935.0	934.7	934.3	934.0
167.5°	945.6	945.6	945.6	945.9	946.6	947.3	947.9	948.6	947.9	947.3	946.6
170°	956.2	956.2	956.2	956.5	957.2	957.9	958.5	959.2	958.5	957.9	957.2
172.5°	963.8	963.8	963.8	964.1	964.8	965.5	966.1	966.8	966.1	965.5	964.8
175°	969.1	969.1	969.1	969.4	970.1	970.8	971.4	972.1	971.4	970.8	970.1
177.5°	972.6	972.8	972.9	973.2	973.9	974.6	975.2	975.9	975.2	974.6	973.9
180°	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4

TEST NUMBER: P1035069

CATALOG NUMBER: S125DIW-B1090D770UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6
2.5°	1566.0	1563.3	1556.6	1552.6	1539.1	1522.9	1517.5	1504.0	1509.4	1500.0	1500.0
5°	1524.3	1512.1	1504.0	1491.9	1466.3	1448.8	1429.9	1420.5	1415.1	1408.4	1403.0
7.5°	1470.4	1460.9	1452.8	1429.9	1401.6	1377.4	1354.5	1345.0	1327.5	1315.4	1310.0
10°	1423.2	1409.7	1390.8	1363.9	1334.2	1303.2	1283.0	1262.8	1249.3	1242.6	1227.8
12.5°	1374.7	1358.5	1338.3	1299.2	1266.9	1248.0	1211.6	1192.7	1186.0	1180.6	1163.1
15°	1324.8	1307.3	1283.0	1246.6	1218.3	1173.9	1152.3	1137.5	1121.3	1120.0	1106.5
17.5°	1280.3	1258.8	1238.5	1194.1	1159.0	1120.0	1107.8	1091.6	1076.8	1060.7	1053.9
20°	1223.7	1203.5	1188.7	1140.2	1101.1	1076.8	1056.6	1043.1	1033.7	1017.5	1014.8
22.5°	1172.5	1150.9	1130.7	1094.3	1060.7	1029.7	1005.4	990.6	986.5	979.8	967.7
25°	1122.6	1101.1	1076.8	1043.1	1008.1	986.5	965.0	955.5	947.4	936.7	927.2
27.5°	1080.9	1060.7	1037.7	996.0	966.3	950.1	927.2	916.4	905.7	900.3	896.2
30°	1031.0	1008.1	990.6	958.2	925.9	904.3	888.1	878.7	869.3	863.9	861.2
32.5°	982.5	960.9	948.8	913.8	888.1	862.5	850.4	843.7	838.3	832.9	827.5
35°	943.4	921.8	903.0	870.6	845.0	827.5	818.1	807.3	803.2	797.8	797.8
37.5°	894.9	878.7	859.8	828.8	805.9	792.5	784.4	770.9	769.5	766.8	762.8
40°	853.1	836.9	819.4	792.5	772.2	756.1	745.3	738.5	734.5	731.8	729.1
42.5°	808.6	791.1	783.0	752.0	734.5	718.3	712.9	706.2	704.9	699.5	692.7
45°	765.5	750.7	734.5	711.6	696.8	683.3	675.2	669.8	663.1	661.7	657.7
47.5°	727.8	710.2	695.4	673.9	657.7	646.9	640.2	633.4	628.0	624.0	619.9
50°	679.2	665.8	653.6	630.7	617.3	606.5	597.0	591.6	586.3	586.3	586.3
52.5°	632.1	619.9	609.2	593.0	576.8	567.4	556.6	552.6	549.9	545.8	549.9
55°	586.3	574.1	563.3	551.2	532.3	524.3	513.5	509.4	510.8	510.8	514.8
57.5°	537.7	528.3	521.6	506.7	489.2	481.1	474.4	470.4	470.4	475.7	477.1
60°	490.6	481.1	469.0	455.5	444.7	435.3	431.3	432.6	432.6	435.3	442.1
62.5°	438.0	432.6	425.9	407.0	400.3	393.5	388.1	392.2	390.8	397.6	407.0
65°	389.5	384.1	374.7	365.2	357.1	350.4	349.1	350.4	353.1	359.8	370.6
67.5°	335.6	335.6	327.5	319.4	312.7	305.9	307.3	308.6	311.3	319.4	335.6
70°	291.1	285.7	277.6	272.2	266.8	264.2	261.5	266.8	274.9	280.3	292.5
72.5°	242.6	238.5	231.8	226.4	225.1	222.4	221.0	223.7	231.8	241.2	254.7
75°	191.4	192.7	188.7	184.6	184.6	180.6	183.3	183.3	191.4	200.8	211.6
77.5°	148.2	146.9	145.6	142.9	141.5	141.5	141.5	144.2	152.3	157.7	168.5
80°	105.1	106.5	102.4	103.8	102.4	103.8	103.8	109.2	113.2	119.9	128.0
82.5°	70.1	70.1	67.4	68.7	68.7	68.7	70.1	72.8	78.2	83.6	88.9
85°	39.1	40.4	37.7	40.4	40.4	40.4	41.8	43.1	47.2	48.5	53.9
87.5°	14.8	17.5	17.5	14.8	16.2	17.5	18.9	17.5	20.2	22.9	24.3
90°	6.1	6.8	7.4	8.6	9.7	10.9	12.1	12.9	13.8	14.6	15.5
92.5°	26.1	26.5	27.3	28.8	30.3	31.9	33.4	34.6	35.8	36.9	38.1
95°	50.6	50.8	51.6	53.3	55.0	56.7	58.4	59.6	60.8	61.9	63.1
97.5°	76.5	76.6	77.8	80.1	82.5	84.8	87.2	88.2	89.2	90.3	91.3
100°	106.2	106.2	107.3	109.5	111.6	113.8	116.0	117.5	119.0	120.5	122.0
102.5°	142.2	142.6	143.0	143.9	144.7	145.6	146.4	148.1	149.7	151.4	153.1
105°	176.3	176.7	177.2	178.2	179.2	180.2	181.2	182.2	183.2	184.3	185.3
107.5°	213.4	213.8	214.2	215.1	215.9	216.8	217.6	218.1	218.6	219.1	219.6
110°	252.1	252.5	252.8	253.3	253.8	254.3	254.8	255.3	255.8	256.3	256.8

TEST NUMBER: P1035069

CATALOG NUMBER: S125DIW-B1090D770UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	289.5	289.7	290.0	290.7	291.4	292.0	292.7	292.9	293.1	293.2	293.4
115°	329.6	329.9	330.1	330.4	330.7	331.1	331.4	331.2	331.0	330.9	330.7
117.5°	366.9	367.0	367.2	367.5	367.8	368.2	368.5	368.7	368.9	369.0	369.2
120°	406.0	406.4	406.5	406.7	406.8	407.0	407.2	407.2	407.2	407.2	407.2
122.5°	442.7	442.8	443.1	443.6	444.1	444.6	445.1	444.9	444.8	444.6	444.5
125°	481.0	481.5	481.6	481.8	481.9	482.1	482.3	482.0	481.6	481.3	481.0
127.5°	517.6	517.9	518.0	518.2	518.3	518.5	518.7	518.5	518.3	518.2	518.0
130°	553.2	553.6	553.8	554.1	554.4	554.8	555.1	554.9	554.7	554.6	554.4
132.5°	589.9	590.7	590.6	590.5	590.3	590.2	590.0	589.8	589.6	589.5	589.3
135°	624.3	624.8	624.9	625.1	625.2	625.4	625.6	625.6	625.6	625.6	625.6
137.5°	658.5	659.0	659.2	659.5	659.8	660.2	660.5	660.7	660.8	661.0	661.1
140°	690.4	690.8	691.1	691.6	692.1	692.6	693.1	693.4	693.8	694.1	694.4
142.5°	722.4	722.7	723.0	723.7	724.4	725.0	725.7	725.9	726.0	726.2	726.3
145°	754.2	754.5	754.8	755.3	755.8	756.3	756.8	756.8	756.8	756.8	756.8
147.5°	783.0	783.3	783.5	783.8	784.1	784.5	784.8	785.3	785.8	786.3	786.8
150°	810.0	809.9	810.2	810.9	811.6	812.2	812.9	812.9	812.9	812.9	812.9
152.5°	836.2	836.4	836.5	836.7	836.8	837.0	837.2	837.7	838.2	838.7	839.2
155°	859.9	859.9	860.0	860.2	860.3	860.5	860.7	861.4	862.0	862.7	863.4
157.5°	881.3	881.1	881.2	881.4	881.5	881.7	881.9	882.6	883.2	883.9	884.6
160°	900.4	900.1	900.2	900.3	900.5	900.6	900.8	901.5	902.2	902.9	903.6
162.5°	918.5	918.3	918.3	918.3	918.3	918.3	918.3	919.1	920.0	920.8	921.7
165°	933.7	933.5	933.6	933.7	933.9	934.0	934.2	934.9	935.5	936.2	936.9
167.5°	945.9	945.6	945.6	945.6	945.6	945.6	945.6	946.6	947.6	948.6	949.6
170°	956.5	956.2	956.2	956.2	956.2	956.2	956.2	957.2	958.2	959.3	960.3
172.5°	964.1	963.8	963.8	963.8	963.8	963.8	963.8	964.8	965.8	966.8	967.8
175°	969.4	969.1	969.1	969.1	969.1	969.1	969.1	970.1	971.1	972.1	973.1
177.5°	973.2	972.9	972.8	972.6	972.5	972.3	972.1	973.1	974.1	975.2	976.2
180°	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4

TEST NUMBER: P1035069

CATALOG NUMBER: S125DIW-B1090D770UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6
2.5°	1505.4	1496.0	1494.6	1497.3	1491.9	1500.0	1497.3	1500.0	1493.3	1500.0	1496.0
5°	1401.6	1398.9	1393.5	1386.8	1388.1	1389.5	1396.2	1389.5	1394.9	1396.2	1403.0
7.5°	1304.6	1299.2	1303.2	1300.5	1288.4	1285.7	1288.4	1292.5	1300.5	1305.9	1310.0
10°	1226.4	1223.7	1218.3	1214.3	1207.6	1203.5	1208.9	1203.5	1214.3	1223.7	1223.7
12.5°	1167.1	1156.3	1149.6	1148.3	1133.4	1136.1	1141.5	1145.6	1157.7	1163.1	1163.1
15°	1105.1	1097.0	1094.3	1089.0	1083.6	1089.0	1086.3	1090.3	1095.7	1101.1	1103.8
17.5°	1051.2	1049.9	1051.2	1037.7	1041.8	1035.0	1036.4	1043.1	1039.1	1043.1	1051.2
20°	1002.7	1005.4	1001.4	996.0	996.0	987.9	997.3	994.6	996.0	1004.0	1016.2
22.5°	966.3	965.0	960.9	956.9	951.5	952.8	954.2	951.5	962.3	969.0	970.4
25°	927.2	924.5	923.2	919.1	913.8	919.1	917.8	919.1	921.8	932.6	924.5
27.5°	890.8	885.4	888.1	884.1	882.8	884.1	884.1	885.4	888.1	889.5	890.8
30°	859.8	854.5	853.1	850.4	849.1	850.4	853.1	850.4	861.2	859.8	859.8
32.5°	826.1	822.1	819.4	819.4	818.1	816.7	818.1	819.4	827.5	822.1	827.5
35°	793.8	791.1	791.1	788.4	787.1	787.1	787.1	792.5	789.8	793.8	793.8
37.5°	762.8	762.8	761.5	758.8	757.4	758.8	757.4	760.1	758.8	760.1	761.5
40°	730.5	727.8	726.4	726.4	722.4	718.3	722.4	722.4	723.7	727.8	729.1
42.5°	691.4	692.7	692.7	687.3	687.3	687.3	688.7	690.0	690.0	692.7	692.7
45°	657.7	655.0	655.0	655.0	652.3	653.6	656.3	656.3	656.3	656.3	653.6
47.5°	619.9	619.9	621.3	621.3	625.3	624.0	624.0	622.6	619.9	619.9	621.3
50°	584.9	589.0	590.3	590.3	591.6	593.0	593.0	590.3	589.0	584.9	584.9
52.5°	551.2	553.9	556.6	560.6	563.3	562.0	562.0	559.3	553.9	552.6	551.2
55°	514.8	518.9	524.3	528.3	532.3	533.7	533.7	528.3	522.9	516.2	516.2
57.5°	481.1	485.2	494.6	498.7	504.0	504.0	501.3	497.3	489.2	483.8	479.8
60°	447.4	454.2	460.9	469.0	475.7	477.1	473.0	467.7	458.2	451.5	446.1
62.5°	411.1	417.8	431.3	439.4	444.7	444.7	444.7	438.0	425.9	416.4	408.4
65°	376.0	382.8	394.9	405.7	409.7	413.7	409.7	403.0	393.5	382.8	374.7
67.5°	339.6	347.7	359.8	367.9	373.3	377.4	374.7	369.3	357.1	342.3	336.9
70°	299.2	303.2	320.8	328.8	336.9	339.6	336.9	328.8	316.7	300.5	295.1
72.5°	261.5	265.5	281.7	288.4	295.1	297.8	293.8	288.4	277.6	262.8	256.1
75°	218.3	225.1	233.2	243.9	252.0	254.7	250.7	246.6	233.2	223.7	218.3
77.5°	172.5	179.2	190.0	199.5	207.5	206.2	200.8	202.2	187.3	176.6	172.5
80°	130.7	136.1	144.2	152.3	156.3	156.3	155.0	149.6	144.2	136.1	129.4
82.5°	90.3	97.0	103.8	109.2	109.2	110.5	107.8	106.5	101.1	94.3	93.0
85°	53.9	55.3	60.6	60.6	66.0	63.3	62.0	66.0	60.6	56.6	55.3
87.5°	24.3	22.9	24.3	24.3	22.9	25.6	25.6	24.3	25.6	24.3	24.3
90°	15.9	16.2	16.7	17.2	17.7	18.2	17.7	17.2	16.7	16.2	15.9
92.5°	38.7	38.9	39.2	39.5	39.9	40.2	39.9	39.5	39.2	38.9	38.7
95°	63.7	63.9	64.2	64.5	64.9	65.2	64.9	64.5	64.2	63.9	63.7
97.5°	91.8	91.9	92.0	92.2	92.3	92.5	92.3	92.2	92.0	91.9	91.8
100°	122.8	123.0	123.3	123.7	124.0	124.4	124.0	123.7	123.3	123.0	122.8
102.5°	153.9	154.2	154.7	155.2	155.7	156.2	155.7	155.2	154.7	154.2	153.9
105°	185.8	186.1	186.6	187.1	187.6	188.1	187.6	187.1	186.6	186.1	185.8
107.5°	219.9	219.9	219.9	219.9	219.9	219.9	219.9	219.9	219.9	219.9	219.9
110°	257.1	257.0	256.8	256.7	256.5	256.3	256.5	256.7	256.8	257.0	257.1

TEST NUMBER: P1035069

CATALOG NUMBER: S125DIW-B1090D770UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	293.5	293.3	293.0	292.6	292.3	291.9	292.3	292.6	293.0	293.3	293.5
115°	330.6	330.5	330.4	330.2	330.1	329.9	330.1	330.2	330.4	330.5	330.6
117.5°	369.3	369.0	368.3	367.6	367.0	366.3	367.0	367.6	368.3	369.0	369.3
120°	407.2	406.9	406.2	405.5	404.9	404.2	404.9	405.5	406.2	406.9	407.2
122.5°	444.4	444.1	443.6	443.1	442.6	442.1	442.6	443.1	443.6	444.1	444.4
125°	480.8	480.7	480.5	480.4	480.2	480.0	480.2	480.4	480.5	480.7	480.8
127.5°	517.9	517.7	517.4	517.1	516.7	516.4	516.7	517.1	517.4	517.7	517.9
130°	554.3	554.1	553.8	553.5	553.1	552.8	553.1	553.5	553.8	554.1	554.3
132.5°	589.2	588.9	588.4	587.9	587.4	586.9	587.4	587.9	588.4	588.9	589.2
135°	625.6	625.3	624.6	623.9	623.3	622.6	623.3	623.9	624.6	625.3	625.6
137.5°	661.2	660.8	659.9	659.1	658.2	657.4	658.2	659.1	659.9	660.8	661.2
140°	694.6	694.2	693.3	692.5	691.6	690.8	691.6	692.5	693.3	694.2	694.6
142.5°	726.4	726.0	725.2	724.3	723.5	722.7	723.5	724.3	725.2	726.0	726.4
145°	756.8	756.5	756.0	755.5	755.0	754.5	755.0	755.5	756.0	756.5	756.8
147.5°	787.1	786.4	785.1	783.7	782.4	781.0	782.4	783.7	785.1	786.4	787.1
150°	812.9	812.7	812.4	812.1	811.7	811.4	811.7	812.1	812.4	812.7	812.9
152.5°	839.4	839.1	838.4	837.7	837.1	836.4	837.1	837.7	838.4	839.1	839.4
155°	863.7	863.3	862.4	861.6	860.7	859.9	860.7	861.6	862.4	863.3	863.7
157.5°	884.9	884.3	883.1	882.0	880.8	879.6	880.8	882.0	883.1	884.3	884.9
160°	903.9	903.5	902.6	901.8	900.9	900.1	900.9	901.8	902.6	903.5	903.9
162.5°	922.1	921.6	920.6	919.5	918.5	917.5	918.5	919.5	920.6	921.6	922.1
165°	937.2	936.7	935.7	934.7	933.7	932.7	933.7	934.7	935.7	936.7	937.2
167.5°	950.1	949.6	948.6	947.6	946.6	945.6	946.6	947.6	948.6	949.6	950.1
170°	960.8	960.2	959.0	957.8	956.6	955.4	956.6	957.8	959.0	960.2	960.8
172.5°	968.3	967.8	966.8	965.8	964.8	963.8	964.8	965.8	966.8	967.8	968.3
175°	973.6	973.0	971.8	970.7	969.5	968.3	969.5	970.7	971.8	973.0	973.6
177.5°	976.7	976.1	974.9	973.8	972.6	971.4	972.6	973.8	974.9	976.1	976.7
180°	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4

TEST NUMBER: P1035069

CATALOG NUMBER: S125DIW-B1090D770UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6
2.5°	1508.1	1500.0	1509.4	1497.3	1500.0	1514.8	1513.5	1527.0	1535.0	1533.7	1540.4
5°	1408.4	1408.4	1412.4	1411.1	1424.5	1436.7	1452.8	1466.3	1481.1	1489.2	1498.7
7.5°	1310.0	1323.5	1326.2	1332.9	1349.1	1369.3	1385.5	1405.7	1427.2	1442.1	1452.8
10°	1229.1	1239.9	1250.7	1256.1	1273.6	1300.5	1323.5	1355.8	1382.8	1398.9	1413.8
12.5°	1157.7	1169.8	1175.2	1199.5	1211.6	1229.1	1261.5	1296.5	1326.2	1343.7	1355.8
15°	1106.5	1113.2	1125.3	1140.2	1152.3	1173.9	1200.8	1239.9	1268.2	1283.0	1324.8
17.5°	1063.3	1071.4	1078.2	1084.9	1103.8	1126.7	1152.3	1186.0	1222.4	1248.0	1269.5
20°	1018.9	1022.9	1031.0	1041.8	1055.3	1076.8	1099.7	1134.8	1167.1	1187.3	1215.6
22.5°	966.3	978.4	986.5	994.6	1009.4	1033.7	1055.3	1080.9	1121.3	1144.2	1173.9
25°	935.3	940.7	946.1	955.5	966.3	987.9	1012.1	1039.1	1071.4	1095.7	1121.3
27.5°	894.9	903.0	909.7	921.8	928.6	946.1	969.0	996.0	1035.0	1055.3	1076.8
30°	861.2	869.3	874.7	880.1	889.5	908.4	929.9	951.5	987.9	1013.5	1035.0
32.5°	827.5	835.6	842.3	846.4	855.8	867.9	885.4	912.4	943.4	960.9	989.2
35°	797.8	797.8	805.9	811.3	819.4	830.2	846.4	866.6	898.9	921.8	947.4
37.5°	764.2	765.5	772.2	776.3	784.4	795.2	811.3	830.2	857.1	874.7	900.3
40°	729.1	733.2	735.9	742.6	752.0	756.1	772.2	793.8	820.8	836.9	858.5
42.5°	694.1	696.8	703.5	708.9	717.0	723.7	734.5	754.7	774.9	799.2	816.7
45°	655.0	661.7	665.8	675.2	679.2	686.0	696.8	712.9	737.2	752.0	772.2
47.5°	621.3	624.0	626.7	638.8	646.9	650.9	661.7	671.2	696.8	710.2	729.1
50°	584.9	584.9	589.0	594.3	603.8	611.9	621.3	632.1	652.3	665.8	684.6
52.5°	551.2	547.2	549.9	552.6	562.0	570.1	579.5	594.3	613.2	621.3	637.5
55°	514.8	508.1	512.1	516.2	518.9	529.7	540.4	549.9	564.7	576.8	591.6
57.5°	475.7	474.4	471.7	473.0	479.8	486.5	494.6	506.7	524.3	533.7	541.8
60°	440.7	432.6	429.9	432.6	436.7	440.7	451.5	462.3	477.1	486.5	496.0
62.5°	404.3	396.2	390.8	386.8	390.8	400.3	407.0	415.1	427.2	438.0	446.1
65°	369.3	357.1	351.8	349.1	347.7	354.4	359.8	370.6	381.4	385.4	394.9
67.5°	330.2	319.4	312.7	308.6	308.6	308.6	314.0	324.8	335.6	336.9	346.4
70°	291.1	279.0	272.2	266.8	264.2	266.8	273.6	274.9	284.4	287.1	292.5
72.5°	249.3	238.5	230.5	223.7	225.1	227.8	227.8	230.5	235.9	242.6	242.6
75°	210.2	195.4	191.4	186.0	183.3	183.3	183.3	188.7	192.7	198.1	196.8
77.5°	165.8	157.7	149.6	146.9	142.9	141.5	144.2	144.2	146.9	150.9	152.3
80°	128.0	118.6	113.2	110.5	105.1	103.8	105.1	105.1	109.2	107.8	109.2
82.5°	88.9	82.2	78.2	74.1	71.4	72.8	71.4	71.4	72.8	71.4	71.4
85°	51.2	49.9	47.2	45.8	44.5	41.8	44.5	43.1	41.8	40.4	43.1
87.5°	24.3	22.9	22.9	20.2	20.2	18.9	20.2	20.2	18.9	18.9	18.9
90°	15.5	14.6	13.8	12.9	12.1	10.9	9.7	8.6	7.4	6.8	6.1
92.5°	38.1	36.9	35.8	34.6	33.4	31.9	30.3	28.8	27.3	26.5	26.1
95°	63.1	61.9	60.8	59.6	58.4	56.7	55.0	53.3	51.6	50.8	50.6
97.5°	91.3	90.3	89.2	88.2	87.2	84.8	82.5	80.1	77.8	76.6	76.5
100°	122.0	120.5	119.0	117.5	116.0	113.8	111.6	109.5	107.3	106.2	106.2
102.5°	153.1	151.4	149.7	148.1	146.4	145.6	144.7	143.9	143.0	142.6	142.2
105°	185.3	184.3	183.2	182.2	181.2	180.2	179.2	178.2	177.2	176.7	176.3
107.5°	219.6	219.1	218.6	218.1	217.6	216.8	215.9	215.1	214.2	213.8	213.4
110°	256.8	256.3	255.8	255.3	254.8	254.3	253.8	253.3	252.8	252.5	252.1

TEST NUMBER: P1035069

CATALOG NUMBER: S125DIW-B1090D770UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	293.4	293.2	293.1	292.9	292.7	292.0	291.4	290.7	290.0	289.7	289.5
115°	330.7	330.9	331.0	331.2	331.4	331.1	330.7	330.4	330.1	329.9	329.6
117.5°	369.2	369.0	368.9	368.7	368.5	368.2	367.8	367.5	367.2	367.0	366.9
120°	407.2	407.2	407.2	407.2	407.2	407.0	406.8	406.7	406.5	406.4	406.0
122.5°	444.5	444.6	444.8	444.9	445.1	444.6	444.1	443.6	443.1	442.8	442.7
125°	481.0	481.3	481.6	482.0	482.3	482.1	481.9	481.8	481.6	481.5	481.0
127.5°	518.0	518.2	518.3	518.5	518.7	518.5	518.3	518.2	518.0	517.9	517.6
130°	554.4	554.6	554.7	554.9	555.1	554.8	554.4	554.1	553.8	553.6	553.2
132.5°	589.3	589.5	589.6	589.8	590.0	590.2	590.3	590.5	590.6	590.7	589.9
135°	625.6	625.6	625.6	625.6	625.6	625.4	625.2	625.1	624.9	624.8	624.3
137.5°	661.1	661.0	660.8	660.7	660.5	660.2	659.8	659.5	659.2	659.0	658.5
140°	694.4	694.1	693.8	693.4	693.1	692.6	692.1	691.6	691.1	690.8	690.4
142.5°	726.3	726.2	726.0	725.9	725.7	725.0	724.4	723.7	723.0	722.7	722.4
145°	756.8	756.8	756.8	756.8	756.8	756.3	755.8	755.3	754.8	754.5	754.2
147.5°	786.8	786.3	785.8	785.3	784.8	784.5	784.1	783.8	783.5	783.3	783.0
150°	812.9	812.9	812.9	812.9	812.9	812.2	811.6	810.9	810.2	809.9	810.0
152.5°	839.2	838.7	838.2	837.7	837.2	837.0	836.8	836.7	836.5	836.4	836.2
155°	863.4	862.7	862.0	861.4	860.7	860.5	860.3	860.2	860.0	859.9	859.9
157.5°	884.6	883.9	883.2	882.6	881.9	881.7	881.5	881.4	881.2	881.1	881.3
160°	903.6	902.9	902.2	901.5	900.8	900.6	900.5	900.3	900.2	900.1	900.4
162.5°	921.7	920.8	920.0	919.1	918.3	918.3	918.3	918.3	918.3	918.3	918.5
165°	936.9	936.2	935.5	934.9	934.2	934.0	933.9	933.7	933.6	933.5	933.7
167.5°	949.6	948.6	947.6	946.6	945.6	945.6	945.6	945.6	945.6	945.6	945.9
170°	960.3	959.3	958.2	957.2	956.2	956.2	956.2	956.2	956.2	956.2	956.5
172.5°	967.8	966.8	965.8	964.8	963.8	963.8	963.8	963.8	963.8	963.8	964.1
175°	973.1	972.1	971.1	970.1	969.1	969.1	969.1	969.1	969.1	969.1	969.4
177.5°	976.2	975.2	974.1	973.1	972.1	972.3	972.5	972.6	972.8	972.9	973.2
180°	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4	974.4

TEST NUMBER: P1035069

CATALOG NUMBER: S125DIW-B1090D770UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1587.6	1587.6	1587.6	1587.6
2.5°	1549.9	1563.3	1572.8	1590.3
5°	1514.8	1539.1	1562.0	1586.3
7.5°	1479.8	1508.1	1544.5	1575.5
10°	1440.7	1477.1	1520.2	1562.0
12.5°	1401.6	1444.8	1491.9	1547.2
15°	1354.5	1409.7	1465.0	1524.3
17.5°	1312.7	1369.3	1428.6	1502.7
20°	1265.5	1327.5	1392.2	1467.7
22.5°	1223.7	1292.5	1359.8	1439.4
25°	1176.6	1243.9	1318.1	1403.0
27.5°	1137.5	1199.5	1272.2	1363.9
30°	1090.3	1157.7	1230.5	1322.1
32.5°	1045.8	1110.5	1187.3	1277.6
35°	1000.0	1066.0	1134.8	1221.0
37.5°	956.9	1013.5	1082.2	1164.4
40°	908.4	970.4	1032.3	1097.0
42.5°	863.9	920.5	978.4	1029.7
45°	814.0	862.5	917.8	959.6
47.5°	768.2	811.3	854.5	886.8
50°	722.4	756.1	788.4	816.7
52.5°	668.5	706.2	723.7	741.2
55°	619.9	641.5	657.7	675.2
57.5°	572.8	582.2	590.3	606.5
60°	510.8	521.6	531.0	543.1
62.5°	456.9	462.3	465.0	477.1
65°	405.7	404.3	411.1	417.8
67.5°	350.4	349.1	355.8	358.5
70°	296.5	295.1	296.5	303.2
72.5°	245.3	245.3	246.6	249.3
75°	198.1	198.1	199.5	202.2
77.5°	149.6	152.3	150.9	156.3
80°	109.2	106.5	109.2	111.9
82.5°	71.4	74.1	74.1	71.4
85°	40.4	40.4	40.4	40.4
87.5°	17.5	17.5	18.9	20.2
90°	4.8	3.5	2.1	0.8
92.5°	25.2	24.4	23.5	22.7
95°	50.3	50.0	49.6	49.3
97.5°	76.3	76.2	76.0	75.8
100°	106.2	106.2	106.2	106.2
102.5°	141.3	140.5	139.6	138.8
105°	175.4	174.6	173.7	172.9
107.5°	212.5	211.7	210.8	210.0
110°	251.2	250.4	249.5	248.7



TEST NUMBER: P1035069

CATALOG NUMBER: S125DIW-B1090D770UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	289.2	288.9	288.5	288.2
115°	328.9	328.2	327.5	326.8
117.5°	366.8	366.6	366.5	366.3
120°	405.2	404.3	403.5	402.7
122.5°	442.6	442.4	442.3	442.1
125°	480.0	479.0	478.0	477.0
127.5°	517.1	516.6	516.1	515.6
130°	552.3	551.5	550.6	549.8
132.5°	588.4	586.9	585.4	583.9
135°	623.3	622.3	621.3	620.3
137.5°	657.5	656.4	655.4	654.4
140°	689.5	688.7	687.8	687.0
142.5°	721.7	721.0	720.3	719.6
145°	753.5	752.8	752.2	751.5
147.5°	782.5	782.0	781.5	781.0
150°	810.1	810.3	810.4	810.6
152.5°	835.9	835.6	835.2	834.9
155°	859.9	859.9	859.9	859.9
157.5°	881.6	882.0	882.3	882.7
160°	900.9	901.4	901.9	902.4
162.5°	918.8	919.1	919.5	919.8
165°	934.0	934.3	934.7	935.0
167.5°	946.6	947.3	947.9	948.6
170°	957.2	957.9	958.5	959.2
172.5°	964.8	965.5	966.1	966.8
175°	970.1	970.8	971.4	972.1
177.5°	973.9	974.6	975.2	975.9
180°	974.4	974.4	974.4	974.4

(END OF REPORT)