

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: P1027413

Luminaire Tested: S125DIP-B1090D375UB35-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027413
REPORT IS A COMBINATION OF REPORTS P1001373 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B1090D375UB35-4F0-XX-W2A-A1
Description: Define 5 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

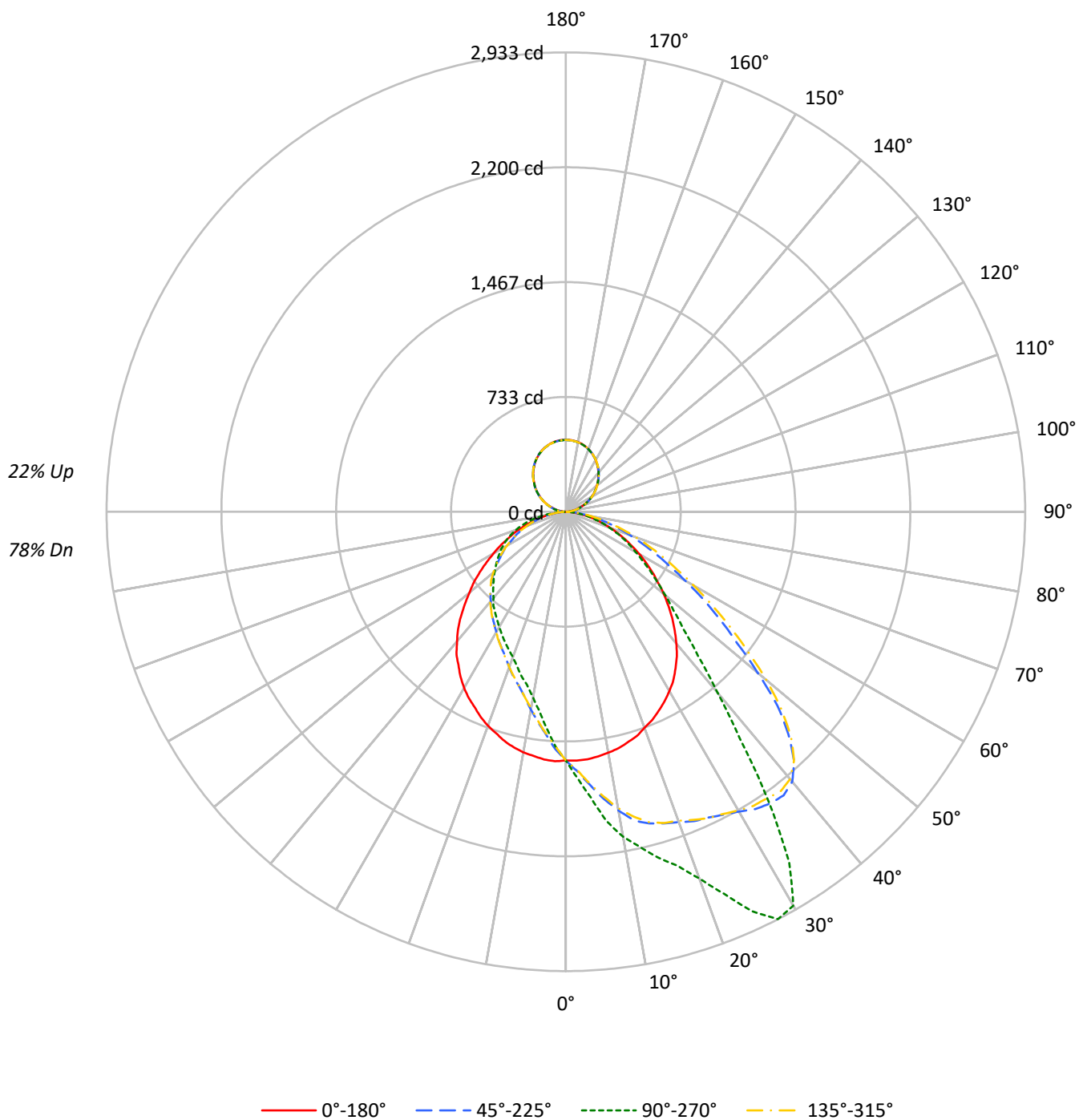
Lumens per Lamp: N/A
Luminaire Lumens: 5761.0 lumens
Efficiency: N/A
Efficacy: 102.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 56.1
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	114	114	114	114	109	109	109	109	99	99	99	90	90	90	82	82	82
1	104	100	96	93	99	96	92	89	87	85	82	80	78	76	73	71	70
2	95	88	82	76	91	84	78	74	77	72	69	70	67	64	64	62	59
3	87	77	70	64	83	74	67	62	68	63	58	63	58	54	57	54	51
4	80	69	61	54	76	66	59	53	61	55	50	56	51	47	51	47	44
5	74	62	53	47	70	59	52	46	55	48	43	50	45	41	46	42	38
6	68	55	47	41	65	53	46	40	49	43	38	46	40	36	42	38	34
7	63	50	42	36	60	48	41	35	45	38	34	42	36	32	39	34	30
8	59	46	38	32	56	44	37	32	41	35	30	38	33	29	35	31	27
9	55	42	34	29	52	41	33	28	38	31	27	35	30	26	33	28	25
10	51	39	31	26	49	37	30	26	35	29	24	33	27	23	30	26	22

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	2.7
10°-20°	455.1	7.9
20°-30°	739.3	12.8
30°-40°	903.5	15.7
40°-50°	819.6	14.2
50°-60°	652.8	11.3
60°-70°	454.6	7.9
70°-80°	242.2	4.2
80°-90°	60.8	1.1
90°-100°	30.5	0.5
100°-110°	90.6	1.6
110°-120°	153.7	2.7
120°-130°	202.3	3.5
130°-140°	226.7	3.9
140°-150°	222.2	3.9
150°-160°	186.7	3.2
160°-170°	124.1	2.2
170°-180°	43.4	0.8
0°-30°	1347.2	23.4
0°-40°	2250.7	39.1
0°-60°	3723.1	64.6
0°-90°	4480.7	77.8
90°-120°	274.8	4.8
90°-150°	926.1	16.1
90°-180°	1280.0	22.2
0°-180°	5761.0	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°	0	9	0	9	0	4
95°	23	31	23	31	23	24
105°	81	88	81	88	81	87
115°	154	155	154	155	154	152
125°	224	226	224	226	224	201
135°	292	293	292	293	292	225
145°	354	355	354	355	354	221
155°	405	405	405	405	405	186
165°	440	439	440	439	440	124
175°	458	456	458	456	458	43
180°	459	459	459	459	459	

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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°	0.4	1.0	1.6	2.3	2.9	3.2	3.5	4.0	4.6	5.1	5.7
92.5°	10.7	11.1	11.5	11.9	12.3	12.5	12.9	13.6	14.3	15.0	15.7
95°	23.2	23.4	23.5	23.7	23.8	23.9	24.3	25.1	25.9	26.7	27.5
97.5°	35.7	35.8	35.9	36.0	36.1	36.1	36.7	37.8	38.9	40.0	41.1
100°	50.0	50.0	50.0	50.0	50.0	50.0	50.5	51.5	52.6	53.6	54.6
102.5°	65.3	65.7	66.1	66.5	66.9	67.1	67.3	67.7	68.1	68.5	68.9
105°	81.4	81.8	82.2	82.6	83.0	83.2	83.4	83.9	84.4	84.8	85.3
107.5°	98.9	99.3	99.7	100.1	100.5	100.7	100.9	101.3	101.7	102.1	102.5
110°	117.1	117.5	117.9	118.3	118.7	118.9	119.0	119.2	119.5	119.7	119.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	135.7	135.9	136.0	136.2	136.3	136.4	136.6	136.9	137.2	137.5	137.8
115°	153.9	154.2	154.5	154.8	155.1	155.3	155.4	155.5	155.7	155.8	156.0
117.5°	172.4	172.5	172.6	172.7	172.8	172.8	172.9	173.0	173.2	173.3	173.5
120°	189.6	190.0	190.4	190.7	191.1	191.3	191.3	191.4	191.5	191.6	191.7
122.5°	208.1	208.2	208.3	208.4	208.5	208.5	208.6	208.9	209.1	209.4	209.6
125°	224.5	225.0	225.5	226.0	226.5	226.7	226.7	226.8	226.9	226.9	227.0
127.5°	242.8	243.0	243.2	243.5	243.7	243.8	243.8	243.9	244.0	244.1	244.2
130°	258.8	259.2	259.6	260.0	260.4	260.6	260.7	260.8	261.0	261.1	261.3
132.5°	274.9	275.6	276.3	277.0	277.7	278.1	278.1	278.0	277.9	277.8	277.7
135°	292.0	292.5	293.0	293.5	294.0	294.2	294.2	294.3	294.4	294.4	294.5
137.5°	308.1	308.6	309.0	309.5	310.0	310.2	310.3	310.4	310.6	310.7	310.9
140°	323.4	323.8	324.2	324.6	325.0	325.2	325.3	325.6	325.8	326.1	326.3
142.5°	338.8	339.1	339.4	339.7	340.0	340.2	340.4	340.7	341.0	341.3	341.6
145°	353.8	354.1	354.4	354.7	355.0	355.2	355.3	355.6	355.8	356.1	356.3
147.5°	367.7	367.9	368.2	368.4	368.7	368.8	368.9	369.0	369.2	369.3	369.5
150°	381.6	381.5	381.5	381.4	381.3	381.3	381.5	381.8	382.1	382.4	382.7
152.5°	393.0	393.2	393.4	393.5	393.7	393.8	393.8	393.9	394.0	394.0	394.1
155°	404.8	404.8	404.8	404.8	404.8	404.8	404.8	404.9	405.0	405.1	405.2
157.5°	415.5	415.3	415.2	415.0	414.9	414.8	414.8	414.9	415.0	415.1	415.2
160°	424.8	424.6	424.3	424.1	423.8	423.7	423.7	423.8	423.9	424.0	424.1
162.5°	433.0	432.8	432.7	432.5	432.4	432.3	432.3	432.3	432.3	432.3	432.3
165°	440.2	440.0	439.9	439.7	439.6	439.5	439.5	439.6	439.7	439.7	439.8
167.5°	446.6	446.3	446.0	445.7	445.4	445.2	445.2	445.2	445.2	445.2	445.2
170°	451.6	451.3	451.0	450.7	450.4	450.2	450.2	450.2	450.2	450.2	450.2
172.5°	455.2	454.9	454.5	454.2	453.9	453.7	453.7	453.7	453.7	453.7	453.7
175°	457.7	457.4	457.0	456.7	456.4	456.2	456.2	456.2	456.2	456.2	456.2
177.5°	459.4	459.1	458.8	458.5	458.2	458.0	458.0	457.9	457.8	457.8	457.7
180°	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7

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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°	6.1	6.5	6.9	7.3	7.5	7.6	7.9	8.1	8.4	8.6	8.4
92.5°	16.3	16.8	17.4	17.9	18.2	18.3	18.4	18.6	18.7	18.9	18.7
95°	28.1	28.6	29.2	29.7	30.0	30.1	30.2	30.4	30.5	30.7	30.5
97.5°	41.6	42.0	42.5	43.0	43.2	43.2	43.3	43.4	43.5	43.6	43.5
100°	55.3	56.0	56.7	57.4	57.8	57.9	58.0	58.2	58.3	58.5	58.3
102.5°	69.7	70.5	71.3	72.1	72.5	72.6	72.8	73.1	73.3	73.5	73.3
105°	85.8	86.3	86.8	87.3	87.5	87.6	87.8	88.1	88.3	88.5	88.3
107.5°	102.7	102.9	103.2	103.4	103.5	103.5	103.5	103.5	103.5	103.5	103.5
110°	120.1	120.4	120.6	120.9	121.0	121.0	120.9	120.8	120.8	120.7	120.8

TEST NUMBER: P1027413

CATALOG NUMBER: S125DIP-B1090D375UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	137.9	138.0	138.1	138.2	138.2	138.1	137.9	137.8	137.6	137.4	137.6
115°	155.9	155.8	155.7	155.6	155.6	155.6	155.5	155.4	155.4	155.3	155.4
117.5°	173.6	173.7	173.8	173.9	173.9	173.7	173.4	173.1	172.7	172.4	172.7
120°	191.7	191.7	191.7	191.7	191.7	191.5	191.2	190.9	190.6	190.3	190.6
122.5°	209.5	209.4	209.3	209.2	209.2	209.1	208.8	208.6	208.3	208.1	208.3
125°	226.8	226.7	226.5	226.4	226.3	226.3	226.2	226.1	226.1	226.0	226.1
127.5°	244.1	244.0	243.9	243.8	243.8	243.7	243.6	243.4	243.3	243.1	243.3
130°	261.2	261.2	261.1	261.0	261.0	260.9	260.7	260.6	260.4	260.2	260.4
132.5°	277.6	277.6	277.5	277.4	277.4	277.3	277.0	276.8	276.5	276.3	276.5
135°	294.5	294.5	294.5	294.5	294.5	294.3	294.0	293.7	293.4	293.1	293.4
137.5°	311.0	311.1	311.2	311.3	311.3	311.1	310.7	310.3	309.9	309.5	309.9
140°	326.5	326.6	326.8	326.9	327.0	326.8	326.4	326.0	325.6	325.2	325.6
142.5°	341.7	341.8	341.9	342.0	342.0	341.8	341.4	341.0	340.6	340.2	340.6
145°	356.3	356.3	356.3	356.3	356.3	356.2	355.9	355.7	355.4	355.2	355.4
147.5°	369.7	370.0	370.2	370.5	370.6	370.3	369.6	369.0	368.3	367.7	368.3
150°	382.7	382.7	382.7	382.7	382.7	382.6	382.5	382.3	382.2	382.0	382.2
152.5°	394.3	394.6	394.8	395.1	395.2	395.0	394.7	394.4	394.1	393.8	394.1
155°	405.5	405.8	406.1	406.4	406.6	406.4	406.0	405.6	405.2	404.8	405.2
157.5°	415.5	415.8	416.1	416.4	416.6	416.3	415.8	415.2	414.7	414.1	414.7
160°	424.4	424.7	425.0	425.3	425.5	425.3	424.9	424.5	424.1	423.7	424.1
162.5°	432.7	433.1	433.5	433.9	434.1	433.9	433.4	432.9	432.5	432.0	432.5
165°	440.1	440.4	440.7	441.0	441.2	441.0	440.5	440.0	439.6	439.1	439.6
167.5°	445.7	446.1	446.6	447.1	447.3	447.1	446.6	446.1	445.7	445.2	445.7
170°	450.7	451.1	451.6	452.1	452.3	452.0	451.5	450.9	450.4	449.8	450.4
172.5°	454.2	454.7	455.2	455.7	455.9	455.7	455.2	454.7	454.2	453.7	454.2
175°	456.7	457.2	457.7	458.2	458.4	458.1	457.6	457.0	456.5	455.9	456.5
177.5°	458.2	458.6	459.1	459.6	459.8	459.5	459.0	458.4	457.9	457.3	457.9
180°	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7

TEST NUMBER: P1027413

CATALOG NUMBER: S125DIP-B1090D375UB35-4F0-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°	8.1	7.9	7.6	7.5	7.3	6.9	6.5	6.1	5.7	5.1	4.6
92.5°	18.6	18.4	18.3	18.2	17.9	17.4	16.8	16.3	15.7	15.0	14.3
95°	30.4	30.2	30.1	30.0	29.7	29.2	28.6	28.1	27.5	26.7	25.9
97.5°	43.4	43.3	43.2	43.2	43.0	42.5	42.0	41.6	41.1	40.0	38.9
100°	58.2	58.0	57.9	57.8	57.4	56.7	56.0	55.3	54.6	53.6	52.6
102.5°	73.1	72.8	72.6	72.5	72.1	71.3	70.5	69.7	68.9	68.5	68.1
105°	88.1	87.8	87.6	87.5	87.3	86.8	86.3	85.8	85.3	84.8	84.4
107.5°	103.5	103.5	103.5	103.5	103.4	103.2	102.9	102.7	102.5	102.1	101.7
110°	120.8	120.9	121.0	121.0	120.9	120.6	120.4	120.1	119.9	119.7	119.5

TEST NUMBER: P1027413

CATALOG NUMBER: S125DIP-B1090D375UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	137.8	137.9	138.1	138.2	138.2	138.1	138.0	137.9	137.8	137.5	137.2
115°	155.4	155.5	155.6	155.6	155.6	155.7	155.8	155.9	156.0	155.8	155.7
117.5°	173.1	173.4	173.7	173.9	173.9	173.8	173.7	173.6	173.5	173.3	173.2
120°	190.9	191.2	191.5	191.7	191.7	191.7	191.7	191.7	191.7	191.6	191.5
122.5°	208.6	208.8	209.1	209.2	209.2	209.3	209.4	209.5	209.6	209.4	209.1
125°	226.1	226.2	226.3	226.3	226.4	226.5	226.7	226.8	227.0	226.9	226.9
127.5°	243.4	243.6	243.7	243.8	243.8	243.9	244.0	244.1	244.2	244.1	244.0
130°	260.6	260.7	260.9	261.0	261.0	261.1	261.2	261.2	261.3	261.1	261.0
132.5°	276.8	277.0	277.3	277.4	277.4	277.5	277.6	277.6	277.7	277.8	277.9
135°	293.7	294.0	294.3	294.5	294.5	294.5	294.5	294.5	294.5	294.4	294.4
137.5°	310.3	310.7	311.1	311.3	311.3	311.2	311.1	311.0	310.9	310.7	310.6
140°	326.0	326.4	326.8	327.0	326.9	326.8	326.6	326.5	326.3	326.1	325.8
142.5°	341.0	341.4	341.8	342.0	342.0	341.9	341.8	341.7	341.6	341.3	341.0
145°	355.7	355.9	356.2	356.3	356.3	356.3	356.3	356.3	356.3	356.1	355.8
147.5°	369.0	369.6	370.3	370.6	370.5	370.2	370.0	369.7	369.5	369.3	369.2
150°	382.3	382.5	382.6	382.7	382.7	382.7	382.7	382.7	382.7	382.4	382.1
152.5°	394.4	394.7	395.0	395.2	395.1	394.8	394.6	394.3	394.1	394.0	394.0
155°	405.6	406.0	406.4	406.6	406.4	406.1	405.8	405.5	405.2	405.1	405.0
157.5°	415.2	415.8	416.3	416.6	416.4	416.1	415.8	415.5	415.2	415.1	415.0
160°	424.5	424.9	425.3	425.5	425.3	425.0	424.7	424.4	424.1	424.0	423.9
162.5°	432.9	433.4	433.9	434.1	433.9	433.5	433.1	432.7	432.3	432.3	432.3
165°	440.0	440.5	441.0	441.2	441.0	440.7	440.4	440.1	439.8	439.7	439.7
167.5°	446.1	446.6	447.1	447.3	447.1	446.6	446.1	445.7	445.2	445.2	445.2
170°	450.9	451.5	452.0	452.3	452.1	451.6	451.1	450.7	450.2	450.2	450.2
172.5°	454.7	455.2	455.7	455.9	455.7	455.2	454.7	454.2	453.7	453.7	453.7
175°	457.0	457.6	458.1	458.4	458.2	457.7	457.2	456.7	456.2	456.2	456.2
177.5°	458.4	459.0	459.5	459.8	459.6	459.1	458.6	458.2	457.7	457.8	457.8
180°	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7

TEST NUMBER: P1027413

CATALOG NUMBER: S125DIP-B1090D375UB35-4F0-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°	4.0	3.5	3.2	2.9	2.3	1.6	1.0	0.4	1.0	1.6	2.3
92.5°	13.6	12.9	12.5	12.3	11.9	11.5	11.1	10.7	11.1	11.5	11.9
95°	25.1	24.3	23.9	23.8	23.7	23.5	23.4	23.2	23.4	23.5	23.7
97.5°	37.8	36.7	36.1	36.1	36.0	35.9	35.8	35.7	35.8	35.9	36.0
100°	51.5	50.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
102.5°	67.7	67.3	67.1	66.9	66.5	66.1	65.7	65.3	65.7	66.1	66.5
105°	83.9	83.4	83.2	83.0	82.6	82.2	81.8	81.4	81.8	82.2	82.6
107.5°	101.3	100.9	100.7	100.5	100.1	99.7	99.3	98.9	99.3	99.7	100.1
110°	119.2	119.0	118.9	118.7	118.3	117.9	117.5	117.1	117.5	117.9	118.3

TEST NUMBER: P1027413

CATALOG NUMBER: S125DIP-B1090D375UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	136.9	136.6	136.4	136.3	136.2	136.0	135.9	135.7	135.9	136.0	136.2
115°	155.5	155.4	155.3	155.1	154.8	154.5	154.2	153.9	154.2	154.5	154.8
117.5°	173.0	172.9	172.8	172.8	172.7	172.6	172.5	172.4	172.5	172.6	172.7
120°	191.4	191.3	191.3	191.1	190.7	190.4	190.0	189.6	190.0	190.4	190.7
122.5°	208.9	208.6	208.5	208.5	208.4	208.3	208.2	208.1	208.2	208.3	208.4
125°	226.8	226.7	226.7	226.5	226.0	225.5	225.0	224.5	225.0	225.5	226.0
127.5°	243.9	243.8	243.8	243.7	243.5	243.2	243.0	242.8	243.0	243.2	243.5
130°	260.8	260.7	260.6	260.4	260.0	259.6	259.2	258.8	259.2	259.6	260.0
132.5°	278.0	278.1	278.1	277.7	277.0	276.3	275.6	274.9	275.6	276.3	277.0
135°	294.3	294.2	294.2	294.0	293.5	293.0	292.5	292.0	292.5	293.0	293.5
137.5°	310.4	310.3	310.2	310.0	309.5	309.0	308.6	308.1	308.6	309.0	309.5
140°	325.6	325.3	325.2	325.0	324.6	324.2	323.8	323.4	323.8	324.2	324.6
142.5°	340.7	340.4	340.2	340.0	339.7	339.4	339.1	338.8	339.1	339.4	339.7
145°	355.6	355.3	355.2	355.0	354.7	354.4	354.1	353.8	354.1	354.4	354.7
147.5°	369.0	368.9	368.8	368.7	368.4	368.2	367.9	367.7	367.9	368.2	368.4
150°	381.8	381.5	381.3	381.3	381.4	381.5	381.5	381.6	381.5	381.5	381.4
152.5°	393.9	393.8	393.8	393.7	393.5	393.4	393.2	393.0	393.2	393.4	393.5
155°	404.9	404.8	404.8	404.8	404.8	404.8	404.8	404.8	404.8	404.8	404.8
157.5°	414.9	414.8	414.8	414.9	415.0	415.2	415.3	415.5	415.3	415.2	415.0
160°	423.8	423.7	423.7	423.8	424.1	424.3	424.6	424.8	424.6	424.3	424.1
162.5°	432.3	432.3	432.3	432.4	432.5	432.7	432.8	433.0	432.8	432.7	432.5
165°	439.6	439.5	439.5	439.6	439.7	439.9	440.0	440.2	440.0	439.9	439.7
167.5°	445.2	445.2	445.2	445.4	445.7	446.0	446.3	446.6	446.3	446.0	445.7
170°	450.2	450.2	450.2	450.4	450.7	451.0	451.3	451.6	451.3	451.0	450.7
172.5°	453.7	453.7	453.7	453.9	454.2	454.5	454.9	455.2	454.9	454.5	454.2
175°	456.2	456.2	456.2	456.4	456.7	457.0	457.4	457.7	457.4	457.0	456.7
177.5°	457.9	458.0	458.0	458.2	458.5	458.8	459.1	459.4	459.1	458.8	458.5
180°	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7

TEST NUMBER: P1027413

CATALOG NUMBER: S125DIP-B1090D375UB35-4F0-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°	2.9	3.2	3.5	4.0	4.6	5.1	5.7	6.1	6.5	6.9	7.3
92.5°	12.3	12.5	12.9	13.6	14.3	15.0	15.7	16.3	16.8	17.4	17.9
95°	23.8	23.9	24.3	25.1	25.9	26.7	27.5	28.1	28.6	29.2	29.7
97.5°	36.1	36.1	36.7	37.8	38.9	40.0	41.1	41.6	42.0	42.5	43.0
100°	50.0	50.0	50.5	51.5	52.6	53.6	54.6	55.3	56.0	56.7	57.4
102.5°	66.9	67.1	67.3	67.7	68.1	68.5	68.9	69.7	70.5	71.3	72.1
105°	83.0	83.2	83.4	83.9	84.4	84.8	85.3	85.8	86.3	86.8	87.3
107.5°	100.5	100.7	100.9	101.3	101.7	102.1	102.5	102.7	102.9	103.2	103.4
110°	118.7	118.9	119.0	119.2	119.5	119.7	119.9	120.1	120.4	120.6	120.9

TEST NUMBER: P1027413

CATALOG NUMBER: S125DIP-B1090D375UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	136.3	136.4	136.6	136.9	137.2	137.5	137.8	137.9	138.0	138.1	138.2
115°	155.1	155.3	155.4	155.5	155.7	155.8	156.0	155.9	155.8	155.7	155.6
117.5°	172.8	172.8	172.9	173.0	173.2	173.3	173.5	173.6	173.7	173.8	173.9
120°	191.1	191.3	191.3	191.4	191.5	191.6	191.7	191.7	191.7	191.7	191.7
122.5°	208.5	208.5	208.6	208.9	209.1	209.4	209.6	209.5	209.4	209.3	209.2
125°	226.5	226.7	226.7	226.8	226.9	226.9	227.0	226.8	226.7	226.5	226.4
127.5°	243.7	243.8	243.8	243.9	244.0	244.1	244.2	244.1	244.0	243.9	243.8
130°	260.4	260.6	260.7	260.8	261.0	261.1	261.3	261.2	261.2	261.1	261.0
132.5°	277.7	278.1	278.1	278.0	277.9	277.8	277.7	277.6	277.6	277.5	277.4
135°	294.0	294.2	294.2	294.3	294.4	294.4	294.5	294.5	294.5	294.5	294.5
137.5°	310.0	310.2	310.3	310.4	310.6	310.7	310.9	311.0	311.1	311.2	311.3
140°	325.0	325.2	325.3	325.6	325.8	326.1	326.3	326.5	326.6	326.8	326.9
142.5°	340.0	340.2	340.4	340.7	341.0	341.3	341.6	341.7	341.8	341.9	342.0
145°	355.0	355.2	355.3	355.6	355.8	356.1	356.3	356.3	356.3	356.3	356.3
147.5°	368.7	368.8	368.9	369.0	369.2	369.3	369.5	369.7	370.0	370.2	370.5
150°	381.3	381.3	381.5	381.8	382.1	382.4	382.7	382.7	382.7	382.7	382.7
152.5°	393.7	393.8	393.8	393.9	394.0	394.0	394.1	394.3	394.6	394.8	395.1
155°	404.8	404.8	404.8	404.9	405.0	405.1	405.2	405.5	405.8	406.1	406.4
157.5°	414.9	414.8	414.8	414.9	415.0	415.1	415.2	415.5	415.8	416.1	416.4
160°	423.8	423.7	423.7	423.8	423.9	424.0	424.1	424.4	424.7	425.0	425.3
162.5°	432.4	432.3	432.3	432.3	432.3	432.3	432.3	432.7	433.1	433.5	433.9
165°	439.6	439.5	439.5	439.6	439.7	439.7	439.8	440.1	440.4	440.7	441.0
167.5°	445.4	445.2	445.2	445.2	445.2	445.2	445.2	445.7	446.1	446.6	447.1
170°	450.4	450.2	450.2	450.2	450.2	450.2	450.2	450.7	451.1	451.6	452.1
172.5°	453.9	453.7	453.7	453.7	453.7	453.7	453.7	454.2	454.7	455.2	455.7
175°	456.4	456.2	456.2	456.2	456.2	456.2	456.2	456.7	457.2	457.7	458.2
177.5°	458.2	458.0	458.0	457.9	457.8	457.8	457.7	458.2	458.6	459.1	459.6
180°	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7

TEST NUMBER: P1027413

CATALOG NUMBER: S125DIP-B1090D375UB35-4F0-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°	7.5	7.6	7.9	8.1	8.4	8.6	8.4	8.1	7.9	7.6	7.5
92.5°	18.2	18.3	18.4	18.6	18.7	18.9	18.7	18.6	18.4	18.3	18.2
95°	30.0	30.1	30.2	30.4	30.5	30.7	30.5	30.4	30.2	30.1	30.0
97.5°	43.2	43.2	43.3	43.4	43.5	43.6	43.5	43.4	43.3	43.2	43.2
100°	57.8	57.9	58.0	58.2	58.3	58.5	58.3	58.2	58.0	57.9	57.8
102.5°	72.5	72.6	72.8	73.1	73.3	73.5	73.3	73.1	72.8	72.6	72.5
105°	87.5	87.6	87.8	88.1	88.3	88.5	88.3	88.1	87.8	87.6	87.5
107.5°	103.5	103.5	103.5	103.5	103.5	103.5	103.5	103.5	103.5	103.5	103.5
110°	121.0	121.0	120.9	120.8	120.8	120.7	120.8	120.8	120.9	121.0	121.0

TEST NUMBER: P1027413

CATALOG NUMBER: S125DIP-B1090D375UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	138.2	138.1	137.9	137.8	137.6	137.4	137.6	137.8	137.9	138.1	138.2
115°	155.6	155.6	155.5	155.4	155.4	155.3	155.4	155.4	155.5	155.6	155.6
117.5°	173.9	173.7	173.4	173.1	172.7	172.4	172.7	173.1	173.4	173.7	173.9
120°	191.7	191.5	191.2	190.9	190.6	190.3	190.6	190.9	191.2	191.5	191.7
122.5°	209.2	209.1	208.8	208.6	208.3	208.1	208.3	208.6	208.8	209.1	209.2
125°	226.3	226.3	226.2	226.1	226.1	226.0	226.1	226.1	226.2	226.3	226.3
127.5°	243.8	243.7	243.6	243.4	243.3	243.1	243.3	243.4	243.6	243.7	243.8
130°	261.0	260.9	260.7	260.6	260.4	260.2	260.4	260.6	260.7	260.9	261.0
132.5°	277.4	277.3	277.0	276.8	276.5	276.3	276.5	276.8	277.0	277.3	277.4
135°	294.5	294.3	294.0	293.7	293.4	293.1	293.4	293.7	294.0	294.3	294.5
137.5°	311.3	311.1	310.7	310.3	309.9	309.5	309.9	310.3	310.7	311.1	311.3
140°	327.0	326.8	326.4	326.0	325.6	325.2	325.6	326.0	326.4	326.8	327.0
142.5°	342.0	341.8	341.4	341.0	340.6	340.2	340.6	341.0	341.4	341.8	342.0
145°	356.3	356.2	355.9	355.7	355.4	355.2	355.4	355.7	355.9	356.2	356.3
147.5°	370.6	370.3	369.6	369.0	368.3	367.7	368.3	369.0	369.6	370.3	370.6
150°	382.7	382.6	382.5	382.3	382.2	382.0	382.2	382.3	382.5	382.6	382.7
152.5°	395.2	395.0	394.7	394.4	394.1	393.8	394.1	394.4	394.7	395.0	395.2
155°	406.6	406.4	406.0	405.6	405.2	404.8	405.2	405.6	406.0	406.4	406.6
157.5°	416.6	416.3	415.8	415.2	414.7	414.1	414.7	415.2	415.8	416.3	416.6
160°	425.5	425.3	424.9	424.5	424.1	423.7	424.1	424.5	424.9	425.3	425.5
162.5°	434.1	433.9	433.4	432.9	432.5	432.0	432.5	432.9	433.4	433.9	434.1
165°	441.2	441.0	440.5	440.0	439.6	439.1	439.6	440.0	440.5	441.0	441.2
167.5°	447.3	447.1	446.6	446.1	445.7	445.2	445.7	446.1	446.6	447.1	447.3
170°	452.3	452.0	451.5	450.9	450.4	449.8	450.4	450.9	451.5	452.0	452.3
172.5°	455.9	455.7	455.2	454.7	454.2	453.7	454.2	454.7	455.2	455.7	455.9
175°	458.4	458.1	457.6	457.0	456.5	455.9	456.5	457.0	457.6	458.1	458.4
177.5°	459.8	459.5	459.0	458.4	457.9	457.3	457.9	458.4	459.0	459.5	459.8
180°	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7

TEST NUMBER: P1027413

CATALOG NUMBER: S125DIP-B1090D375UB35-4F0-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°	7.3	6.9	6.5	6.1	5.7	5.1	4.6	4.0	3.5	3.2	2.9
92.5°	17.9	17.4	16.8	16.3	15.7	15.0	14.3	13.6	12.9	12.5	12.3
95°	29.7	29.2	28.6	28.1	27.5	26.7	25.9	25.1	24.3	23.9	23.8
97.5°	43.0	42.5	42.0	41.6	41.1	40.0	38.9	37.8	36.7	36.1	36.1
100°	57.4	56.7	56.0	55.3	54.6	53.6	52.6	51.5	50.5	50.0	50.0
102.5°	72.1	71.3	70.5	69.7	68.9	68.5	68.1	67.7	67.3	67.1	66.9
105°	87.3	86.8	86.3	85.8	85.3	84.8	84.4	83.9	83.4	83.2	83.0
107.5°	103.4	103.2	102.9	102.7	102.5	102.1	101.7	101.3	100.9	100.7	100.5
110°	120.9	120.6	120.4	120.1	119.9	119.7	119.5	119.2	119.0	118.9	118.7

TEST NUMBER: P1027413

CATALOG NUMBER: S125DIP-B1090D375UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	138.2	138.1	138.0	137.9	137.8	137.5	137.2	136.9	136.6	136.4	136.3
115°	155.6	155.7	155.8	155.9	156.0	155.8	155.7	155.5	155.4	155.3	155.1
117.5°	173.9	173.8	173.7	173.6	173.5	173.3	173.2	173.0	172.9	172.8	172.8
120°	191.7	191.7	191.7	191.7	191.7	191.6	191.5	191.4	191.3	191.3	191.1
122.5°	209.2	209.3	209.4	209.5	209.6	209.4	209.1	208.9	208.6	208.5	208.5
125°	226.4	226.5	226.7	226.8	227.0	226.9	226.9	226.8	226.7	226.7	226.5
127.5°	243.8	243.9	244.0	244.1	244.2	244.1	244.0	243.9	243.8	243.8	243.7
130°	261.0	261.1	261.2	261.2	261.3	261.1	261.0	260.8	260.7	260.6	260.4
132.5°	277.4	277.5	277.6	277.6	277.7	277.8	277.9	278.0	278.1	278.1	277.7
135°	294.5	294.5	294.5	294.5	294.5	294.4	294.4	294.3	294.2	294.2	294.0
137.5°	311.3	311.2	311.1	311.0	310.9	310.7	310.6	310.4	310.3	310.2	310.0
140°	326.9	326.8	326.6	326.5	326.3	326.1	325.8	325.6	325.3	325.2	325.0
142.5°	342.0	341.9	341.8	341.7	341.6	341.3	341.0	340.7	340.4	340.2	340.0
145°	356.3	356.3	356.3	356.3	356.3	356.1	355.8	355.6	355.3	355.2	355.0
147.5°	370.5	370.2	370.0	369.7	369.5	369.3	369.2	369.0	368.9	368.8	368.7
150°	382.7	382.7	382.7	382.7	382.7	382.4	382.1	381.8	381.5	381.3	381.3
152.5°	395.1	394.8	394.6	394.3	394.1	394.0	394.0	393.9	393.8	393.8	393.7
155°	406.4	406.1	405.8	405.5	405.2	405.1	405.0	404.9	404.8	404.8	404.8
157.5°	416.4	416.1	415.8	415.5	415.2	415.1	415.0	414.9	414.8	414.8	414.9
160°	425.3	425.0	424.7	424.4	424.1	424.0	423.9	423.8	423.7	423.7	423.8
162.5°	433.9	433.5	433.1	432.7	432.3	432.3	432.3	432.3	432.3	432.3	432.4
165°	441.0	440.7	440.4	440.1	439.8	439.7	439.7	439.6	439.5	439.5	439.6
167.5°	447.1	446.6	446.1	445.7	445.2	445.2	445.2	445.2	445.2	445.2	445.4
170°	452.1	451.6	451.1	450.7	450.2	450.2	450.2	450.2	450.2	450.2	450.4
172.5°	455.7	455.2	454.7	454.2	453.7	453.7	453.7	453.7	453.7	453.7	453.9
175°	458.2	457.7	457.2	456.7	456.2	456.2	456.2	456.2	456.2	456.2	456.4
177.5°	459.6	459.1	458.6	458.2	457.7	457.8	457.8	457.9	458.0	458.0	458.2
180°	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7	458.7

TEST NUMBER: P1027413

CATALOG NUMBER: S125DIP-B1090D375UB35-4F0-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°	2.3	1.6	1.0	0.4
92.5°	11.9	11.5	11.1	10.7
95°	23.7	23.5	23.4	23.2
97.5°	36.0	35.9	35.8	35.7
100°	50.0	50.0	50.0	50.0
102.5°	66.5	66.1	65.7	65.3
105°	82.6	82.2	81.8	81.4
107.5°	100.1	99.7	99.3	98.9
110°	118.3	117.9	117.5	117.1

TEST NUMBER: P1027413

CATALOG NUMBER: S125DIP-B1090D375UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	136.2	136.0	135.9	135.7
115°	154.8	154.5	154.2	153.9
117.5°	172.7	172.6	172.5	172.4
120°	190.7	190.4	190.0	189.6
122.5°	208.4	208.3	208.2	208.1
125°	226.0	225.5	225.0	224.5
127.5°	243.5	243.2	243.0	242.8
130°	260.0	259.6	259.2	258.8
132.5°	277.0	276.3	275.6	274.9
135°	293.5	293.0	292.5	292.0
137.5°	309.5	309.0	308.6	308.1
140°	324.6	324.2	323.8	323.4
142.5°	339.7	339.4	339.1	338.8
145°	354.7	354.4	354.1	353.8
147.5°	368.4	368.2	367.9	367.7
150°	381.4	381.5	381.5	381.6
152.5°	393.5	393.4	393.2	393.0
155°	404.8	404.8	404.8	404.8
157.5°	415.0	415.2	415.3	415.5
160°	424.1	424.3	424.6	424.8
162.5°	432.5	432.7	432.8	433.0
165°	439.7	439.9	440.0	440.2
167.5°	445.7	446.0	446.3	446.6
170°	450.7	451.0	451.3	451.6
172.5°	454.2	454.5	454.9	455.2
175°	456.7	457.0	457.4	457.7
177.5°	458.5	458.8	459.1	459.4
180°	458.7	458.7	458.7	458.7

(END OF REPORT)