

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: P1027432

Luminaire Tested: S125DIP-B1090D375UB50-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027432
REPORT IS A COMBINATION OF REPORTS P1001392 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B1090D375UB50-4F0-XX-W2A-A4
Description: Define 5 Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

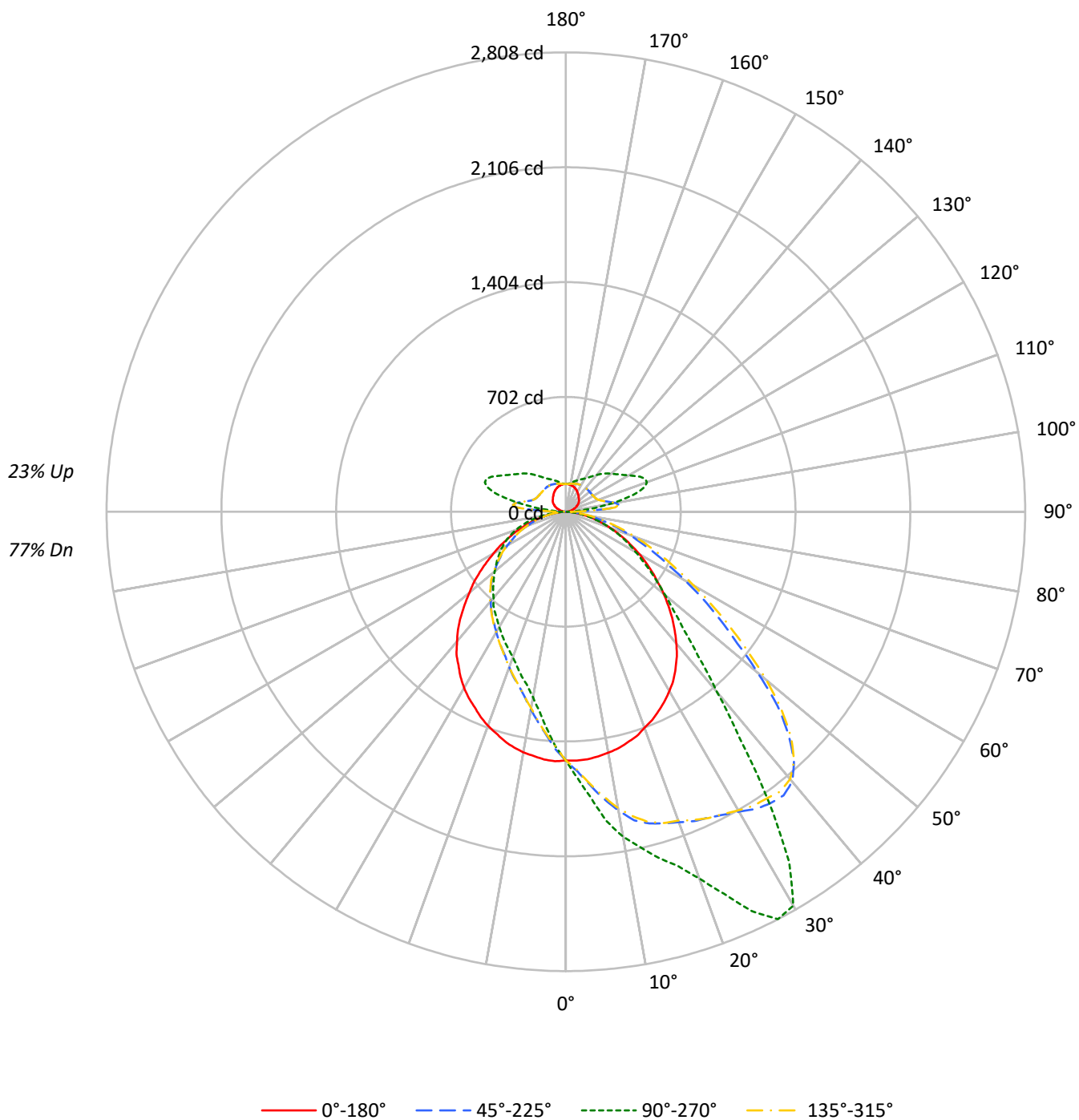
Lumens per Lamp: N/A
Luminaire Lumens: 5563.0 lumens
Efficiency: N/A
Efficacy: 99.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

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	108	108	108	108	98	98	98	89	89	89	81	81	81
1	104	100	96	92	99	95	92	89	87	84	82	79	77	75	72	71	69
2	95	88	81	76	91	84	78	73	77	72	68	70	67	63	64	61	59
3	87	77	70	64	83	74	67	62	68	62	58	62	58	54	57	53	50
4	80	69	61	54	76	66	59	53	61	54	50	56	51	47	51	47	44
5	74	62	53	47	70	59	51	46	54	48	43	50	45	41	46	42	38
6	68	55	47	41	65	53	46	40	49	43	38	45	40	36	42	37	34
7	63	50	42	36	60	48	41	35	45	38	33	41	36	32	38	34	30
8	59	46	38	32	56	44	37	31	41	34	30	38	32	28	35	30	27
9	55	42	34	29	52	40	33	28	38	31	27	35	30	26	32	28	24
10	51	39	31	26	49	37	30	25	35	29	24	32	27	23	30	25	22

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9738	9738	9738	9738
5°	9746	11048	9754	8381
10°	9686	12592	9669	7194
15°	9615	13653	9555	6500
20°	9494	14961	9407	5934
25°	9386	17143	9214	5599
30°	9231	18085	9071	5296
35°	8986	14497	8798	5051
40°	8604	10020	8477	4794
45°	8121	7460	8029	4580
50°	7568	6141	7443	4408
55°	6972	5238	6917	4259
60°	6387	4484	6275	4144
65°	5756	3872	5662	3975
70°	5089	3215	5020	3682
75°	4381	2487	4325	3197
80°	3461	1681	3335	2350
85°	2213	842	2138	1197

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 14875 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.3	2.6
10°-20°	435.7	7.8
20°-30°	707.8	12.7
30°-40°	865.0	15.5
40°-50°	784.6	14.1
50°-60°	624.9	11.2
60°-70°	435.3	7.8
70°-80°	231.9	4.2
80°-90°	58.2	1.0
90°-100°	123.3	2.2
100°-110°	265.9	4.8
110°-120°	247.9	4.5
120°-130°	200.8	3.6
130°-140°	161.2	2.9
140°-150°	121.6	2.2
150°-160°	85.6	1.5
160°-170°	50.5	0.9
170°-180°	16.4	0.3
0°-30°	1289.8	23.2
0°-40°	2154.8	38.7
0°-60°	3564.3	64.1
0°-90°	4289.7	77.1
90°-120°	637.2	11.5
90°-150°	1120.8	20.1
90°-180°	1273.0	22.9
0°-180°	5563.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1520	1520	1520	1520	1520	
5°	1519	1754	1520	1330	1519	144
15°	1459	2190	1450	1042	1459	412
25°	1343	2694	1319	880	1343	619
35°	1169	2162	1144	754	1169	730
45°	919	1019	908	626	919	708
55°	646	628	641	511	646	578
65°	400	386	394	396	400	397
75°	194	190	191	244	194	206
85°	39	43	37	61	39	46
90°	0	8	0	8	0	3
95°	11	80	11	80	11	12
105°	39	453	39	453	39	41
115°	69	504	69	504	69	68
125°	96	398	96	398	96	85
135°	112	330	112	330	112	87
145°	131	260	131	260	131	82
155°	149	218	149	218	149	69
165°	163	191	163	191	163	46
175°	169	172	169	172	169	16
180°	170	170	170	170	170	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9
2.5°	1522.5	1531.5	1541.9	1549.6	1562.5	1566.4	1572.8	1576.7	1580.6	1584.4	1587.0
5°	1518.6	1540.6	1559.9	1574.1	1598.6	1607.7	1619.3	1633.5	1650.2	1664.4	1673.5
7.5°	1508.3	1543.1	1569.0	1597.3	1630.9	1652.8	1664.4	1694.1	1721.2	1741.8	1768.9
10°	1495.4	1536.7	1576.7	1619.3	1667.0	1691.5	1714.8	1756.0	1793.5	1827.0	1854.1
12.5°	1481.2	1531.5	1579.3	1634.8	1699.3	1728.9	1744.4	1815.4	1861.8	1879.9	1932.8
15°	1459.3	1518.6	1587.0	1655.4	1709.6	1744.4	1787.0	1843.8	1890.2	1930.2	1972.8
17.5°	1438.6	1503.1	1572.8	1648.9	1727.7	1772.8	1805.1	1855.4	1905.7	1957.3	1997.3
20°	1405.1	1489.0	1559.9	1641.2	1734.1	1766.4	1799.9	1859.3	1913.5	1968.9	2019.3
22.5°	1378.0	1458.0	1554.8	1632.2	1710.9	1743.1	1784.4	1846.4	1910.9	1974.1	2047.6
25°	1343.2	1432.2	1516.1	1598.6	1679.9	1714.8	1752.2	1832.2	1899.3	1980.5	2061.8
27.5°	1305.7	1397.3	1481.2	1556.0	1632.2	1679.9	1719.9	1803.8	1892.8	1981.8	2087.6
30°	1265.7	1352.2	1432.2	1505.7	1589.6	1638.6	1678.6	1776.7	1876.0	1989.6	2116.0
32.5°	1223.2	1304.4	1372.8	1447.7	1536.7	1581.9	1636.0	1743.1	1860.5	1996.0	2154.7
35°	1169.0	1246.4	1307.0	1383.2	1472.2	1530.2	1587.0	1707.0	1843.8	1994.7	2176.7
37.5°	1114.8	1175.4	1233.5	1314.8	1418.0	1470.9	1530.2	1661.9	1818.0	1990.9	2185.7
40°	1050.3	1109.6	1159.9	1242.5	1350.9	1411.5	1473.5	1611.5	1788.3	1976.7	2153.4
42.5°	985.8	1036.1	1091.6	1178.0	1282.5	1347.0	1412.8	1566.4	1749.6	1935.4	2064.4
45°	918.7	957.4	1018.0	1096.7	1207.7	1269.6	1344.4	1510.9	1695.4	1860.5	1925.1
47.5°	849.0	887.7	944.5	1020.6	1130.3	1203.8	1274.8	1441.2	1627.0	1754.7	1754.7
50°	781.9	812.9	868.3	944.5	1055.4	1122.5	1194.8	1371.5	1521.2	1615.4	1531.5
52.5°	709.6	744.5	790.9	870.9	980.6	1041.2	1119.9	1270.9	1412.8	1451.5	1322.5
55°	646.4	674.8	718.7	794.8	896.7	960.0	1027.0	1171.6	1291.5	1289.0	1150.9
57.5°	580.6	603.8	650.3	720.0	814.2	870.9	938.0	1063.2	1161.2	1126.4	996.1
60°	520.0	536.7	581.9	638.7	729.0	781.9	846.4	948.3	1023.2	974.1	842.5
62.5°	456.8	476.1	512.2	567.7	647.7	690.3	738.0	841.2	889.0	845.1	710.9
65°	400.0	415.5	447.7	494.2	566.4	605.1	646.4	731.6	776.7	713.5	602.5
67.5°	343.2	361.3	384.5	425.8	482.6	518.7	554.8	628.4	649.0	592.2	499.3
70°	290.3	305.8	327.7	357.4	405.1	437.4	464.5	525.1	539.3	486.4	412.9
72.5°	238.7	249.0	267.1	291.6	335.5	353.5	381.9	423.2	441.3	393.5	340.6
75°	193.5	201.3	212.9	231.0	260.6	280.0	303.2	341.9	340.6	307.1	269.7
77.5°	149.7	151.0	163.9	180.6	198.7	215.5	227.1	254.2	256.8	236.1	205.2
80°	107.1	111.0	116.1	129.0	144.5	151.0	165.2	181.9	184.5	169.0	148.4
82.5°	68.4	71.0	74.8	82.6	92.9	100.6	108.4	114.8	121.3	112.3	95.5
85°	38.7	40.0	43.9	46.4	51.6	55.5	61.9	68.4	67.1	60.6	55.5
87.5°	19.4	19.4	19.4	21.9	24.5	24.5	27.1	28.4	29.7	27.1	24.5
90°	0.3	0.7	1.4	2.1	2.7	3.0	3.4	3.8	4.4	4.8	5.5
92.5°	5.1	6.2	9.6	14.7	21.9	28.0	34.2	57.4	96.4	138.8	136.4
95°	11.3	11.6	14.4	18.1	25.6	33.3	41.0	77.6	152.8	247.1	302.8
97.5°	17.4	17.8	19.8	23.6	30.4	36.0	41.7	67.0	124.8	226.6	327.1
100°	23.9	24.6	26.0	29.7	36.2	41.4	46.5	66.3	110.7	196.9	308.6
102.5°	31.1	31.4	32.5	36.6	42.4	47.3	52.3	69.4	104.9	174.3	276.2
105°	38.6	38.6	40.3	43.7	49.2	54.0	58.8	73.8	104.2	161.3	247.8
107.5°	45.8	46.5	48.2	50.9	56.7	61.0	65.3	80.0	106.6	154.5	226.6
110°	53.7	54.3	55.7	58.8	63.9	68.4	72.8	86.8	110.4	151.8	212.6



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	61.5	62.2	63.2	66.3	71.4	75.7	80.0	93.3	115.2	151.8	204.4
115°	69.0	69.7	70.8	73.8	79.0	83.2	87.5	100.1	120.0	152.8	198.9
117.5°	75.9	76.9	77.9	81.0	86.8	90.9	95.0	107.0	125.4	154.5	195.8
120°	82.7	83.7	85.1	88.2	94.0	98.2	102.5	114.5	130.9	157.2	193.8
122.5°	89.9	90.6	91.6	94.7	101.2	105.4	109.7	121.7	137.1	159.6	192.1
125°	95.7	96.4	98.1	101.2	107.7	112.2	116.6	127.8	142.5	162.4	190.7
127.5°	100.5	101.5	103.6	107.3	114.2	118.6	123.0	134.0	147.7	165.4	190.0
130°	104.9	106.0	108.7	113.1	120.3	124.8	129.2	139.8	152.8	168.2	189.4
132.5°	108.3	109.7	113.1	118.3	125.8	130.2	134.7	145.3	157.2	171.2	189.4
135°	112.1	113.5	117.6	123.0	130.2	134.8	139.5	150.0	161.3	174.0	189.4
137.5°	116.9	117.9	121.7	127.1	134.3	139.1	143.9	153.5	164.4	176.7	189.7
140°	121.0	122.0	126.1	131.6	138.1	142.7	147.3	157.2	167.5	178.4	190.0
142.5°	125.8	126.5	130.2	135.7	141.8	146.1	150.4	159.6	169.2	179.4	190.4
145°	130.6	131.2	134.7	139.5	145.6	149.6	153.5	162.4	170.9	180.1	190.0
147.5°	135.7	136.0	139.1	143.6	149.0	152.6	156.2	164.1	171.9	180.5	189.4
150°	140.1	140.8	143.2	147.7	152.4	155.3	158.2	165.8	172.9	180.5	188.3
152.5°	144.9	145.3	147.3	151.1	155.5	158.0	160.6	167.5	173.6	180.1	187.0
155°	149.0	149.0	151.1	154.5	157.9	160.3	162.7	168.5	174.0	179.4	185.3
157.5°	152.8	152.8	154.5	157.6	160.6	162.5	164.4	169.5	174.3	178.8	183.5
160°	156.5	156.2	157.6	160.0	162.7	164.2	165.8	170.2	174.3	177.7	181.8
162.5°	159.6	159.3	160.6	162.7	164.7	165.9	167.1	170.9	174.0	176.7	179.8
165°	162.7	162.0	163.0	164.7	166.1	167.1	168.2	170.9	173.6	175.7	177.7
167.5°	164.7	164.4	165.1	166.1	167.1	167.8	168.5	170.9	172.9	174.0	175.7
170°	166.8	166.5	166.8	167.5	168.2	168.7	169.2	170.9	172.3	172.9	174.0
172.5°	168.2	167.5	167.8	168.5	168.8	169.0	169.2	170.6	171.6	171.6	171.9
175°	169.2	168.5	168.8	169.2	169.2	169.2	169.2	170.2	170.9	170.6	170.6
177.5°	169.9	169.2	169.2	169.5	169.2	169.2	169.2	169.9	170.2	169.5	169.5
180°	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9
2.5°	1589.6	1598.6	1606.4	1612.8	1618.0	1625.7	1620.6	1621.9	1624.4	1629.6	1629.6
5°	1692.8	1707.0	1714.8	1740.6	1747.0	1745.7	1741.8	1762.5	1761.2	1753.5	1752.2
7.5°	1793.5	1818.0	1839.9	1860.5	1867.0	1883.8	1887.6	1896.7	1894.1	1907.0	1900.5
10°	1885.1	1923.8	1944.4	1975.4	1983.1	1990.9	2001.2	2006.3	2018.0	2016.7	2016.7
12.5°	1956.0	2002.5	2029.6	2037.3	2067.0	2076.0	2085.1	2101.8	2098.0	2099.2	2107.0
15°	2011.5	2056.7	2079.9	2116.0	2136.7	2147.0	2162.5	2180.5	2178.0	2189.6	2187.0
17.5°	2052.8	2095.4	2138.0	2192.1	2193.4	2220.5	2256.7	2264.4	2281.2	2269.6	2269.6
20°	2086.3	2143.1	2203.8	2273.4	2281.2	2297.9	2341.8	2371.5	2390.8	2384.4	2388.3
22.5°	2122.5	2203.8	2274.7	2344.4	2381.8	2411.5	2454.1	2500.5	2517.3	2527.6	2525.0
25°	2168.9	2254.1	2358.6	2455.4	2494.1	2550.8	2607.6	2652.8	2665.7	2694.1	2668.3
27.5°	2216.7	2336.7	2467.0	2580.5	2629.5	2676.0	2744.4	2777.9	2794.7	2807.6	2798.6
30°	2256.7	2421.8	2563.7	2668.3	2703.1	2730.2	2768.9	2776.6	2770.2	2780.5	2793.4
32.5°	2318.6	2479.9	2599.9	2650.2	2646.3	2645.0	2615.3	2574.1	2565.0	2540.5	2574.1
35°	2352.1	2481.2	2527.6	2460.5	2433.4	2384.4	2290.2	2228.3	2174.1	2162.5	2165.1
37.5°	2332.8	2383.1	2327.6	2150.9	2107.0	2032.2	1907.0	1819.3	1779.3	1748.3	1788.3
40°	2228.3	2172.8	2020.5	1805.1	1741.8	1670.9	1553.5	1505.7	1449.0	1437.3	1490.2
42.5°	2055.4	1886.4	1670.9	1504.4	1438.6	1398.6	1300.6	1255.4	1215.4	1197.4	1227.0
45°	1820.6	1615.4	1398.6	1261.9	1206.4	1158.7	1100.6	1052.8	1027.0	1019.3	1043.8
47.5°	1578.0	1361.2	1188.3	1086.4	1028.3	992.2	938.0	910.9	890.3	892.9	896.7
50°	1345.7	1148.3	1015.4	913.5	885.1	856.7	820.6	797.4	787.1	790.9	788.3
52.5°	1145.7	985.8	873.5	794.8	781.9	754.8	725.1	705.8	701.9	703.2	707.1
55°	970.3	845.1	756.1	699.3	685.1	665.8	647.7	634.8	624.5	628.4	627.1
57.5°	837.4	727.7	659.3	612.9	602.5	590.9	574.2	567.7	563.8	556.1	562.6
60°	720.0	630.9	571.6	543.2	534.2	526.4	508.4	500.6	498.0	494.2	504.5
62.5°	609.0	545.8	500.6	474.8	465.8	458.0	449.0	442.6	443.8	438.7	443.8
65°	521.3	469.7	437.4	414.2	402.6	397.4	396.1	385.8	384.5	385.8	387.1
67.5°	440.0	396.1	371.6	357.4	348.4	343.2	339.3	332.9	338.0	334.2	336.8
70°	366.4	336.8	311.0	296.8	292.9	294.2	287.7	285.1	286.4	283.9	286.4
72.5°	295.5	271.0	260.6	250.3	245.1	243.9	240.0	236.1	240.0	238.7	238.7
75°	236.1	218.1	206.4	200.0	200.0	197.4	191.0	191.0	191.0	189.7	191.0
77.5°	181.9	166.4	161.3	154.8	154.8	151.0	149.7	149.7	147.1	151.0	148.4
80°	135.5	123.9	116.1	112.3	112.3	111.0	108.4	107.1	108.4	107.1	107.1
82.5°	87.7	82.6	78.7	74.8	73.5	74.8	73.5	71.0	72.3	71.0	73.5
85°	50.3	45.2	45.2	42.6	43.9	41.3	42.6	40.0	38.7	42.6	40.0
87.5°	21.9	20.6	20.6	18.1	18.1	18.1	16.8	18.1	16.8	15.5	16.8
90°	5.8	6.2	6.5	6.8	7.2	7.5	7.5	7.5	7.9	7.9	7.9
92.5°	110.1	74.2	53.3	39.6	36.4	33.2	27.7	26.7	26.0	25.3	26.0
95°	296.3	245.7	193.8	151.8	137.4	123.0	98.8	88.5	85.8	80.3	85.8
97.5°	370.2	352.4	311.0	268.6	248.1	227.6	207.1	189.4	180.1	176.0	180.1
100°	394.1	420.4	403.7	368.5	350.7	332.9	309.3	284.7	272.1	266.6	272.1
102.5°	379.7	443.3	460.4	448.1	437.5	426.9	401.3	385.5	371.5	367.8	371.5
105°	345.9	427.9	474.7	489.8	487.9	486.0	475.1	463.8	457.0	452.9	457.0
107.5°	313.8	396.5	458.3	494.6	502.1	509.6	512.7	511.0	507.6	504.1	507.6
110°	287.1	360.9	425.9	474.1	488.6	503.1	518.5	525.0	527.4	527.4	527.4

TEST NUMBER: P1027432

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	267.3	332.9	393.7	442.6	460.4	478.2	502.4	514.7	521.6	524.6	521.6
115°	254.0	310.3	363.3	410.1	428.8	447.4	474.1	490.5	500.0	504.5	500.0
117.5°	245.1	294.6	341.4	382.5	400.1	417.7	444.7	461.8	471.3	474.1	471.3
120°	237.9	282.3	323.3	360.9	376.0	391.0	416.3	432.7	441.9	444.7	441.9
122.5°	231.7	273.1	310.3	342.8	356.6	370.5	392.4	407.1	416.3	418.7	416.3
125°	226.3	264.2	299.1	328.8	341.1	353.4	372.6	386.6	394.1	397.5	394.1
127.5°	221.1	255.0	288.1	316.2	327.8	339.4	356.8	369.5	376.7	378.0	376.7
130°	216.0	246.4	276.5	303.2	314.3	325.4	342.5	353.8	360.6	362.6	360.6
132.5°	211.9	237.9	265.6	289.2	299.8	310.3	327.4	338.7	344.9	347.3	344.9
135°	208.8	230.7	254.3	276.2	285.9	295.6	310.7	322.0	328.1	330.2	328.1
137.5°	205.8	224.2	244.0	262.8	271.4	279.9	293.6	304.2	310.0	312.4	310.0
140°	203.7	219.1	235.2	250.9	258.0	265.2	277.9	286.8	291.9	293.6	291.9
142.5°	202.0	214.6	227.6	240.6	246.6	252.6	262.8	270.0	274.8	276.2	274.8
145°	200.3	210.9	221.5	232.1	236.7	241.3	249.5	255.3	259.1	260.4	259.1
147.5°	198.6	207.1	216.0	224.6	228.2	231.7	238.6	243.4	245.7	246.4	245.7
150°	196.5	204.0	211.6	218.1	221.2	224.2	229.3	233.4	234.8	235.2	234.8
152.5°	194.1	200.6	207.1	212.9	215.2	217.4	221.5	224.6	225.9	226.3	225.9
155°	191.4	197.2	202.7	207.5	209.4	211.2	214.6	217.0	218.1	218.4	218.1
157.5°	189.0	193.8	198.6	202.3	203.9	205.4	208.2	210.2	211.2	211.2	211.2
160°	185.9	190.4	193.8	197.2	198.4	199.6	202.0	203.7	204.4	204.0	204.4
162.5°	183.2	186.6	189.7	192.4	193.4	194.5	196.2	197.6	197.6	197.6	197.6
165°	180.5	183.2	185.6	187.6	188.5	189.4	190.7	191.4	191.4	191.4	191.4
167.5°	177.7	179.8	181.5	183.2	183.9	184.6	185.3	185.9	185.6	185.6	185.6
170°	175.3	177.0	178.1	179.1	179.4	179.8	180.5	180.8	180.8	180.5	180.8
172.5°	172.9	174.0	175.0	175.7	175.8	176.0	176.0	176.7	176.0	175.7	176.0
175°	170.9	171.9	171.9	172.6	172.6	172.6	172.6	172.9	172.3	171.9	172.3
177.5°	169.9	170.2	170.6	170.6	170.6	170.6	170.2	170.6	169.5	169.5	169.5
180°	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5

TEST NUMBER: P1027432

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9
2.5°	1627.0	1618.0	1620.6	1618.0	1611.5	1607.7	1597.3	1584.4	1579.3	1572.8	1569.0
5°	1757.3	1750.9	1749.6	1739.3	1736.7	1721.2	1695.4	1682.5	1667.0	1651.5	1636.0
7.5°	1899.3	1891.5	1865.7	1861.8	1864.4	1845.1	1811.5	1785.7	1753.5	1731.5	1701.8
10°	2016.7	2001.2	1979.3	1980.5	1971.5	1945.7	1912.2	1885.1	1838.6	1810.2	1767.7
12.5°	2087.6	2074.7	2072.2	2059.2	2051.5	2018.0	1978.0	1943.1	1908.3	1869.6	1837.3
15°	2174.1	2157.3	2145.7	2127.6	2122.5	2087.6	2043.8	2003.8	1963.8	1927.6	1859.3
17.5°	2269.6	2251.5	2207.6	2203.8	2172.8	2139.2	2096.7	2037.3	1994.7	1943.1	1892.8
20°	2377.9	2352.1	2295.4	2281.2	2256.7	2201.2	2143.1	2077.3	2008.9	1956.0	1896.7
22.5°	2499.2	2454.1	2412.8	2367.6	2349.6	2281.2	2201.2	2121.2	2038.6	1966.4	1895.4
25°	2656.6	2597.3	2539.2	2494.1	2463.1	2374.1	2267.0	2161.2	2065.7	1971.5	1878.6
27.5°	2780.5	2728.9	2665.7	2606.3	2566.3	2460.5	2337.9	2201.2	2082.5	1967.6	1868.3
30°	2789.5	2774.1	2735.3	2703.1	2659.2	2545.7	2410.2	2255.4	2108.3	1968.9	1847.6
32.5°	2620.5	2651.5	2668.3	2673.4	2664.4	2598.6	2474.7	2304.4	2131.5	1957.3	1829.6
35°	2256.7	2339.2	2441.2	2479.9	2517.3	2552.1	2487.6	2339.2	2139.2	1954.7	1801.2
37.5°	1858.0	1932.8	2101.8	2179.2	2223.1	2361.2	2414.1	2334.1	2154.7	1957.3	1774.1
40°	1499.3	1618.0	1739.3	1843.8	1912.2	2067.0	2230.9	2248.9	2132.8	1932.8	1739.3
42.5°	1261.9	1331.5	1423.2	1519.9	1580.6	1763.8	1985.7	2116.0	2064.4	1892.8	1696.7
45°	1074.8	1126.4	1212.8	1245.1	1322.5	1498.0	1732.8	1921.2	1947.0	1829.6	1647.7
47.5°	922.5	966.4	1021.9	1061.9	1123.8	1255.4	1454.1	1661.9	1785.7	1743.1	1579.3
50°	812.9	849.0	895.4	918.7	958.7	1077.4	1227.0	1433.5	1599.9	1614.1	1490.2
52.5°	721.3	741.9	778.0	803.8	836.1	908.3	1043.8	1214.1	1401.2	1478.6	1380.6
55°	641.3	658.0	690.3	707.1	723.8	785.8	891.6	1046.4	1221.9	1323.8	1268.3
57.5°	569.0	583.2	610.3	625.8	634.8	694.2	775.4	896.7	1054.1	1178.0	1147.0
60°	509.7	522.6	538.0	549.6	560.0	609.0	665.8	763.8	904.5	1024.5	1016.7
62.5°	446.4	458.0	474.8	486.4	495.5	526.4	574.2	649.0	769.0	880.0	901.9
65°	390.9	400.0	411.6	416.8	428.4	451.6	490.3	557.4	655.5	754.8	770.3
67.5°	340.6	343.2	350.9	362.6	365.1	385.8	420.6	470.9	547.1	628.4	652.9
70°	286.4	290.3	296.8	305.8	311.0	323.9	353.5	387.1	452.9	523.8	541.9
72.5°	238.7	243.9	246.4	251.6	254.2	274.8	287.7	321.3	366.4	425.8	445.1
75°	193.5	198.7	200.0	202.6	205.2	214.2	232.2	252.9	290.3	329.0	354.8
77.5°	153.5	152.3	154.8	158.7	157.4	165.2	176.8	194.8	219.3	251.6	268.4
80°	108.4	108.4	112.3	116.1	114.8	122.6	126.4	139.3	160.0	180.6	187.1
82.5°	72.3	72.3	76.1	76.1	78.7	80.0	85.2	91.6	108.4	118.7	122.6
85°	41.3	41.3	42.6	42.6	42.6	45.2	49.0	51.6	56.8	63.2	65.8
87.5°	16.8	18.1	18.1	18.1	18.1	20.6	20.6	23.2	24.5	27.1	27.1
90°	7.5	7.5	7.5	7.2	6.8	6.5	6.2	5.8	5.5	4.8	4.4
92.5°	26.7	27.7	33.2	36.4	39.6	53.3	74.2	110.1	136.4	138.8	96.4
95°	88.5	98.8	123.0	137.4	151.8	193.8	245.7	296.3	302.8	247.1	152.8
97.5°	189.4	207.1	227.6	248.1	268.6	311.0	352.4	370.2	327.1	226.6	124.8
100°	284.7	309.3	332.9	350.7	368.5	403.7	420.4	394.1	308.6	196.9	110.7
102.5°	385.5	401.3	426.9	437.5	448.1	460.4	443.3	379.7	276.2	174.3	104.9
105°	463.8	475.1	486.0	487.9	489.8	474.7	427.9	345.9	247.8	161.3	104.2
107.5°	511.0	512.7	509.6	502.1	494.6	458.3	396.5	313.8	226.6	154.5	106.6
110°	525.0	518.5	503.1	488.6	474.1	425.9	360.9	287.1	212.6	151.8	110.4

TEST NUMBER: P1027432

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	514.7	502.4	478.2	460.4	442.6	393.7	332.9	267.3	204.4	151.8	115.2
115°	490.5	474.1	447.4	428.8	410.1	363.3	310.3	254.0	198.9	152.8	120.0
117.5°	461.8	444.7	417.7	400.1	382.5	341.4	294.6	245.1	195.8	154.5	125.4
120°	432.7	416.3	391.0	376.0	360.9	323.3	282.3	237.9	193.8	157.2	130.9
122.5°	407.1	392.4	370.5	356.6	342.8	310.3	273.1	231.7	192.1	159.6	137.1
125°	386.6	372.6	353.4	341.1	328.8	299.1	264.2	226.3	190.7	162.4	142.5
127.5°	369.5	356.8	339.4	327.8	316.2	288.1	255.0	221.1	190.0	165.4	147.7
130°	353.8	342.5	325.4	314.3	303.2	276.5	246.4	216.0	189.4	168.2	152.8
132.5°	338.7	327.4	310.3	299.8	289.2	265.6	237.9	211.9	189.4	171.2	157.2
135°	322.0	310.7	295.6	285.9	276.2	254.3	230.7	208.8	189.4	174.0	161.3
137.5°	304.2	293.6	279.9	271.4	262.8	244.0	224.2	205.8	189.7	176.7	164.4
140°	286.8	277.9	265.2	258.0	250.9	235.2	219.1	203.7	190.0	178.4	167.5
142.5°	270.0	262.8	252.6	246.6	240.6	227.6	214.6	202.0	190.4	179.4	169.2
145°	255.3	249.5	241.3	236.7	232.1	221.5	210.9	200.3	190.0	180.1	170.9
147.5°	243.4	238.6	231.7	228.2	224.6	216.0	207.1	198.6	189.4	180.5	171.9
150°	233.4	229.3	224.2	221.2	218.1	211.6	204.0	196.5	188.3	180.5	172.9
152.5°	224.6	221.5	217.4	215.2	212.9	207.1	200.6	194.1	187.0	180.1	173.6
155°	217.0	214.6	211.2	209.4	207.5	202.7	197.2	191.4	185.3	179.4	174.0
157.5°	210.2	208.2	205.4	203.9	202.3	198.6	193.8	189.0	183.5	178.8	174.3
160°	203.7	202.0	199.6	198.4	197.2	193.8	190.4	185.9	181.8	177.7	174.3
162.5°	197.6	196.2	194.5	193.4	192.4	189.7	186.6	183.2	179.8	176.7	174.0
165°	191.4	190.7	189.4	188.5	187.6	185.6	183.2	180.5	177.7	175.7	173.6
167.5°	185.9	185.3	184.6	183.9	183.2	181.5	179.8	177.7	175.7	174.0	172.9
170°	180.8	180.5	179.8	179.4	179.1	178.1	177.0	175.3	174.0	172.9	172.3
172.5°	176.7	176.0	176.0	175.8	175.7	175.0	174.0	172.9	171.9	171.6	171.6
175°	172.9	172.6	172.6	172.6	172.6	171.9	171.9	170.9	170.6	170.6	170.9
177.5°	170.6	170.2	170.6	170.6	170.6	170.6	170.2	169.9	169.5	169.5	170.2
180°	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5

TEST NUMBER: P1027432

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9
2.5°	1563.8	1557.3	1549.6	1549.6	1540.6	1536.7	1529.0	1526.4	1519.9	1509.6	1501.9
5°	1619.3	1602.5	1592.2	1583.1	1563.8	1549.6	1535.4	1519.9	1504.4	1486.4	1465.7
7.5°	1673.5	1642.5	1628.3	1612.8	1584.4	1554.8	1526.4	1505.7	1485.1	1456.7	1430.9
10°	1730.2	1691.5	1665.7	1645.1	1601.2	1563.8	1522.5	1492.8	1460.6	1424.4	1390.9
12.5°	1778.0	1727.7	1705.7	1667.0	1616.7	1571.5	1519.9	1474.8	1432.2	1389.6	1348.3
15°	1818.0	1770.2	1716.0	1700.6	1630.9	1566.4	1508.3	1450.2	1397.3	1354.8	1307.0
17.5°	1830.9	1770.2	1743.1	1705.7	1623.1	1556.0	1482.5	1419.3	1369.0	1305.7	1268.3
20°	1834.7	1776.7	1739.3	1704.4	1630.9	1541.9	1469.6	1392.2	1331.5	1268.3	1209.0
22.5°	1824.4	1756.0	1719.9	1686.4	1603.8	1527.7	1443.8	1358.6	1287.7	1229.6	1170.3
25°	1805.1	1725.1	1690.2	1654.1	1575.4	1491.5	1399.9	1318.6	1252.8	1183.2	1125.1
27.5°	1779.3	1687.7	1647.7	1610.2	1532.8	1454.1	1367.7	1283.8	1210.3	1136.7	1082.5
30°	1747.0	1641.2	1605.1	1556.0	1481.2	1406.4	1327.7	1243.8	1161.2	1091.6	1032.2
32.5°	1705.7	1594.8	1547.0	1500.6	1419.3	1350.9	1276.1	1197.4	1117.4	1049.0	987.0
35°	1668.3	1541.9	1489.0	1442.5	1352.2	1279.9	1218.0	1144.5	1073.5	1002.5	947.0
37.5°	1618.0	1489.0	1425.7	1378.0	1286.4	1212.8	1154.8	1098.0	1023.2	954.8	903.2
40°	1565.1	1423.2	1363.8	1316.1	1220.6	1140.6	1085.1	1034.8	974.1	910.9	856.7
42.5°	1517.3	1359.9	1296.7	1238.6	1141.9	1070.9	1014.1	975.4	920.0	863.2	814.2
45°	1456.7	1292.8	1224.5	1163.8	1070.9	993.5	939.3	908.3	867.1	811.6	769.0
47.5°	1394.8	1220.6	1149.6	1090.3	989.6	921.2	868.3	838.7	810.3	766.4	723.8
50°	1313.5	1144.5	1079.9	1011.6	912.2	842.5	798.7	769.0	747.1	716.1	680.0
52.5°	1224.5	1065.8	996.1	936.7	838.7	775.4	725.1	708.4	686.4	663.2	632.2
55°	1130.3	980.6	913.5	855.4	765.1	700.6	659.3	641.3	624.5	606.4	585.8
57.5°	1036.1	891.6	828.3	776.7	692.9	630.9	597.4	572.9	561.3	550.9	534.2
60°	918.7	796.1	747.1	700.6	618.0	561.3	529.0	510.9	500.6	495.5	487.7
62.5°	815.4	714.8	660.6	615.5	549.6	499.3	468.4	454.2	445.1	442.6	433.5
65°	705.8	619.3	576.7	538.0	481.3	436.1	410.3	393.5	387.1	385.8	385.8
67.5°	602.5	532.9	490.3	463.2	414.2	374.2	349.7	343.2	339.3	334.2	332.9
70°	505.8	450.3	412.9	389.7	345.8	316.1	296.8	286.4	286.4	282.6	280.0
72.5°	420.6	365.1	340.6	321.3	285.1	259.3	245.1	242.6	233.5	232.2	232.2
75°	329.0	287.7	271.0	254.2	227.1	209.0	197.4	191.0	185.8	185.8	187.1
77.5°	247.7	219.3	203.9	191.0	171.6	160.0	151.0	148.4	143.2	143.2	143.2
80°	175.5	160.0	148.4	138.1	123.9	113.5	108.4	103.2	103.2	101.9	103.2
82.5°	113.5	100.6	94.2	92.9	80.0	76.1	69.7	71.0	67.1	65.8	68.4
85°	65.8	59.4	51.6	49.0	43.9	38.7	36.1	37.4	36.1	34.8	36.1
87.5°	25.8	21.9	20.6	20.6	16.8	15.5	14.2	15.5	12.9	12.9	14.2
90°	3.8	3.4	3.0	2.7	2.1	1.4	0.7	0.3	0.7	1.4	2.1
92.5°	57.4	34.2	28.0	21.9	14.7	9.6	6.2	5.1	6.2	9.6	14.7
95°	77.6	41.0	33.3	25.6	18.1	14.4	11.6	11.3	11.6	14.4	18.1
97.5°	67.0	41.7	36.0	30.4	23.6	19.8	17.8	17.4	17.8	19.8	23.6
100°	66.3	46.5	41.4	36.2	29.7	26.0	24.6	23.9	24.6	26.0	29.7
102.5°	69.4	52.3	47.3	42.4	36.6	32.5	31.4	31.1	31.4	32.5	36.6
105°	73.8	58.8	54.0	49.2	43.7	40.3	38.6	38.6	38.6	40.3	43.7
107.5°	80.0	65.3	61.0	56.7	50.9	48.2	46.5	45.8	46.5	48.2	50.9
110°	86.8	72.8	68.4	63.9	58.8	55.7	54.3	53.7	54.3	55.7	58.8

TEST NUMBER: P1027432

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	93.3	80.0	75.7	71.4	66.3	63.2	62.2	61.5	62.2	63.2	66.3
115°	100.1	87.5	83.2	79.0	73.8	70.8	69.7	69.0	69.7	70.8	73.8
117.5°	107.0	95.0	90.9	86.8	81.0	77.9	76.9	75.9	76.9	77.9	81.0
120°	114.5	102.5	98.2	94.0	88.2	85.1	83.7	82.7	83.7	85.1	88.2
122.5°	121.7	109.7	105.4	101.2	94.7	91.6	90.6	89.9	90.6	91.6	94.7
125°	127.8	116.6	112.2	107.7	101.2	98.1	96.4	95.7	96.4	98.1	101.2
127.5°	134.0	123.0	118.6	114.2	107.3	103.6	101.5	100.5	101.5	103.6	107.3
130°	139.8	129.2	124.8	120.3	113.1	108.7	106.0	104.9	106.0	108.7	113.1
132.5°	145.3	134.7	130.2	125.8	118.3	113.1	109.7	108.3	109.7	113.1	118.3
135°	150.0	139.5	134.8	130.2	123.0	117.6	113.5	112.1	113.5	117.6	123.0
137.5°	153.5	143.9	139.1	134.3	127.1	121.7	117.9	116.9	117.9	121.7	127.1
140°	157.2	147.3	142.7	138.1	131.6	126.1	122.0	121.0	122.0	126.1	131.6
142.5°	159.6	150.4	146.1	141.8	135.7	130.2	126.5	125.8	126.5	130.2	135.7
145°	162.4	153.5	149.6	145.6	139.5	134.7	131.2	130.6	131.2	134.7	139.5
147.5°	164.1	156.2	152.6	149.0	143.6	139.1	136.0	135.7	136.0	139.1	143.6
150°	165.8	158.2	155.3	152.4	147.7	143.2	140.8	140.1	140.8	143.2	147.7
152.5°	167.5	160.6	158.0	155.5	151.1	147.3	145.3	144.9	145.3	147.3	151.1
155°	168.5	162.7	160.3	157.9	154.5	151.1	149.0	149.0	149.0	151.1	154.5
157.5°	169.5	164.4	162.5	160.6	157.6	154.5	152.8	152.8	152.8	154.5	157.6
160°	170.2	165.8	164.2	162.7	160.0	157.6	156.2	156.5	156.2	157.6	160.0
162.5°	170.9	167.1	165.9	164.7	162.7	160.6	159.3	159.6	159.3	160.6	162.7
165°	170.9	168.2	167.1	166.1	164.7	163.0	162.0	162.7	162.0	163.0	164.7
167.5°	170.9	168.5	167.8	167.1	166.1	165.1	164.4	164.7	164.4	165.1	166.1
170°	170.9	169.2	168.7	168.2	167.5	166.8	166.5	166.8	166.5	166.8	167.5
172.5°	170.6	169.2	169.0	168.8	168.5	167.8	167.5	168.2	167.5	167.8	168.5
175°	170.2	169.2	169.2	169.2	169.2	168.8	168.5	169.2	168.5	168.8	169.2
177.5°	169.9	169.2	169.2	169.2	169.5	169.2	169.2	169.9	169.2	169.2	169.5
180°	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5

TEST NUMBER: P1027432

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9
2.5°	1499.3	1496.7	1490.2	1486.4	1473.5	1458.0	1452.8	1439.9	1445.1	1436.1	1436.1
5°	1459.3	1447.7	1439.9	1428.3	1403.8	1387.0	1369.0	1359.9	1354.8	1348.3	1343.2
7.5°	1407.7	1398.6	1390.9	1369.0	1341.9	1318.6	1296.7	1287.7	1270.9	1259.3	1254.1
10°	1362.5	1349.6	1331.5	1305.7	1277.4	1247.7	1228.3	1209.0	1196.1	1189.6	1175.4
12.5°	1316.1	1300.6	1281.2	1243.8	1212.8	1194.8	1159.9	1141.9	1135.4	1130.3	1113.5
15°	1268.3	1251.5	1228.3	1193.5	1166.4	1123.8	1103.2	1089.0	1073.5	1072.2	1059.3
17.5°	1225.7	1205.1	1185.7	1143.2	1109.6	1072.2	1060.6	1045.1	1030.9	1015.4	1009.0
20°	1171.6	1152.2	1138.0	1091.6	1054.1	1030.9	1011.6	998.7	989.6	974.1	971.6
22.5°	1122.5	1101.9	1082.5	1047.7	1015.4	985.8	962.5	948.3	944.5	938.0	926.4
25°	1074.8	1054.1	1030.9	998.7	965.1	944.5	923.8	914.8	907.1	896.7	887.7
27.5°	1034.8	1015.4	993.5	953.5	925.1	909.6	887.7	877.4	867.1	861.9	858.0
30°	987.0	965.1	948.3	917.4	886.4	865.8	850.3	841.2	832.2	827.1	824.5
32.5°	940.6	920.0	908.3	874.8	850.3	825.8	814.2	807.7	802.5	797.4	792.2
35°	903.2	882.5	864.5	833.5	809.0	792.2	783.2	772.9	769.0	763.8	763.8
37.5°	856.7	841.2	823.2	793.5	771.6	758.7	750.9	738.0	736.7	734.2	730.3
40°	816.7	801.2	784.5	758.7	739.3	723.8	713.5	707.1	703.2	700.6	698.0
42.5°	774.2	757.4	749.6	720.0	703.2	687.7	682.5	676.1	674.8	669.6	663.2
45°	732.9	718.7	703.2	681.3	667.1	654.2	646.4	641.3	634.8	633.5	629.6
47.5°	696.7	680.0	665.8	645.1	629.6	619.3	612.9	606.4	601.3	597.4	593.5
50°	650.3	637.4	625.8	603.8	590.9	580.6	571.6	566.4	561.3	561.3	561.3
52.5°	605.1	593.5	583.2	567.7	552.2	543.2	532.9	529.0	526.4	522.6	526.4
55°	561.3	549.6	539.3	527.7	509.7	501.9	491.6	487.7	489.0	489.0	492.9
57.5°	514.8	505.8	499.3	485.1	468.4	460.6	454.2	450.3	450.3	455.5	456.8
60°	469.7	460.6	449.0	436.1	425.8	416.8	412.9	414.2	414.2	416.8	423.2
62.5°	419.3	414.2	407.7	389.7	383.2	376.8	371.6	375.5	374.2	380.6	389.7
65°	372.9	367.7	358.7	349.7	341.9	335.5	334.2	335.5	338.0	344.5	354.8
67.5°	321.3	321.3	313.5	305.8	299.3	292.9	294.2	295.5	298.0	305.8	321.3
70°	278.7	273.5	265.8	260.6	255.5	252.9	250.3	255.5	263.2	268.4	280.0
72.5°	232.2	228.4	221.9	216.8	215.5	212.9	211.6	214.2	221.9	231.0	243.9
75°	183.2	184.5	180.6	176.8	176.8	172.9	175.5	175.5	183.2	192.2	202.6
77.5°	141.9	140.6	139.3	136.8	135.5	135.5	135.5	138.1	145.8	151.0	161.3
80°	100.6	101.9	98.1	99.3	98.1	99.3	99.3	104.5	108.4	114.8	122.6
82.5°	67.1	67.1	64.5	65.8	65.8	65.8	67.1	69.7	74.8	80.0	85.2
85°	37.4	38.7	36.1	38.7	38.7	38.7	40.0	41.3	45.2	46.4	51.6
87.5°	14.2	16.8	16.8	14.2	15.5	16.8	18.1	16.8	19.4	21.9	23.2
90°	2.7	3.0	3.4	3.8	4.4	4.8	5.5	5.8	6.2	6.5	6.8
92.5°	21.9	28.0	34.2	57.4	96.4	138.8	136.4	110.1	74.2	53.3	39.6
95°	25.6	33.3	41.0	77.6	152.8	247.1	302.8	296.3	245.7	193.8	151.8
97.5°	30.4	36.0	41.7	67.0	124.8	226.6	327.1	370.2	352.4	311.0	268.6
100°	36.2	41.4	46.5	66.3	110.7	196.9	308.6	394.1	420.4	403.7	368.5
102.5°	42.4	47.3	52.3	69.4	104.9	174.3	276.2	379.7	443.3	460.4	448.1
105°	49.2	54.0	58.8	73.8	104.2	161.3	247.8	345.9	427.9	474.7	489.8
107.5°	56.7	61.0	65.3	80.0	106.6	154.5	226.6	313.8	396.5	458.3	494.6
110°	63.9	68.4	72.8	86.8	110.4	151.8	212.6	287.1	360.9	425.9	474.1

TEST NUMBER: P1027432

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	71.4	75.7	80.0	93.3	115.2	151.8	204.4	267.3	332.9	393.7	442.6
115°	79.0	83.2	87.5	100.1	120.0	152.8	198.9	254.0	310.3	363.3	410.1
117.5°	86.8	90.9	95.0	107.0	125.4	154.5	195.8	245.1	294.6	341.4	382.5
120°	94.0	98.2	102.5	114.5	130.9	157.2	193.8	237.9	282.3	323.3	360.9
122.5°	101.2	105.4	109.7	121.7	137.1	159.6	192.1	231.7	273.1	310.3	342.8
125°	107.7	112.2	116.6	127.8	142.5	162.4	190.7	226.3	264.2	299.1	328.8
127.5°	114.2	118.6	123.0	134.0	147.7	165.4	190.0	221.1	255.0	288.1	316.2
130°	120.3	124.8	129.2	139.8	152.8	168.2	189.4	216.0	246.4	276.5	303.2
132.5°	125.8	130.2	134.7	145.3	157.2	171.2	189.4	211.9	237.9	265.6	289.2
135°	130.2	134.8	139.5	150.0	161.3	174.0	189.4	208.8	230.7	254.3	276.2
137.5°	134.3	139.1	143.9	153.5	164.4	176.7	189.7	205.8	224.2	244.0	262.8
140°	138.1	142.7	147.3	157.2	167.5	178.4	190.0	203.7	219.1	235.2	250.9
142.5°	141.8	146.1	150.4	159.6	169.2	179.4	190.4	202.0	214.6	227.6	240.6
145°	145.6	149.6	153.5	162.4	170.9	180.1	190.0	200.3	210.9	221.5	232.1
147.5°	149.0	152.6	156.2	164.1	171.9	180.5	189.4	198.6	207.1	216.0	224.6
150°	152.4	155.3	158.2	165.8	172.9	180.5	188.3	196.5	204.0	211.6	218.1
152.5°	155.5	158.0	160.6	167.5	173.6	180.1	187.0	194.1	200.6	207.1	212.9
155°	157.9	160.3	162.7	168.5	174.0	179.4	185.3	191.4	197.2	202.7	207.5
157.5°	160.6	162.5	164.4	169.5	174.3	178.8	183.5	189.0	193.8	198.6	202.3
160°	162.7	164.2	165.8	170.2	174.3	177.7	181.8	185.9	190.4	193.8	197.2
162.5°	164.7	165.9	167.1	170.9	174.0	176.7	179.8	183.2	186.6	189.7	192.4
165°	166.1	167.1	168.2	170.9	173.6	175.7	177.7	180.5	183.2	185.6	187.6
167.5°	167.1	167.8	168.5	170.9	172.9	174.0	175.7	177.7	179.8	181.5	183.2
170°	168.2	168.7	169.2	170.9	172.3	172.9	174.0	175.3	177.0	178.1	179.1
172.5°	168.8	169.0	169.2	170.6	171.6	171.6	171.9	172.9	174.0	175.0	175.7
175°	169.2	169.2	169.2	170.2	170.9	170.6	170.6	170.9	171.9	171.9	172.6
177.5°	169.2	169.2	169.2	169.9	170.2	169.5	169.5	169.9	170.2	170.6	170.6
180°	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5

TEST NUMBER: P1027432

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9
2.5°	1441.2	1432.2	1430.9	1433.5	1428.3	1436.1	1433.5	1436.1	1429.6	1436.1	1432.2
5°	1341.9	1339.3	1334.1	1327.7	1329.0	1330.3	1336.7	1330.3	1335.4	1336.7	1343.2
7.5°	1249.0	1243.8	1247.7	1245.1	1233.5	1230.9	1233.5	1237.4	1245.1	1250.3	1254.1
10°	1174.1	1171.6	1166.4	1162.5	1156.1	1152.2	1157.4	1152.2	1162.5	1171.6	1171.6
12.5°	1117.4	1107.0	1100.6	1099.3	1085.1	1087.7	1092.8	1096.7	1108.3	1113.5	1113.5
15°	1058.0	1050.3	1047.7	1042.5	1037.4	1042.5	1039.9	1043.8	1049.0	1054.1	1056.7
17.5°	1006.4	1005.1	1006.4	993.5	997.4	990.9	992.2	998.7	994.8	998.7	1006.4
20°	960.0	962.5	958.7	953.5	953.5	945.8	954.8	952.2	953.5	961.2	972.9
22.5°	925.1	923.8	920.0	916.1	910.9	912.2	913.5	910.9	921.2	927.7	929.0
25°	887.7	885.1	883.8	880.0	874.8	880.0	878.7	880.0	882.5	892.9	885.1
27.5°	852.9	847.7	850.3	846.4	845.1	846.4	846.4	847.7	850.3	851.6	852.9
30°	823.2	818.0	816.7	814.2	812.9	814.2	816.7	814.2	824.5	823.2	823.2
32.5°	790.9	787.1	784.5	784.5	783.2	781.9	783.2	784.5	792.2	787.1	792.2
35°	760.0	757.4	757.4	754.8	753.5	753.5	753.5	758.7	756.1	760.0	760.0
37.5°	730.3	730.3	729.0	726.4	725.1	726.4	725.1	727.7	726.4	727.7	729.0
40°	699.3	696.7	695.4	695.4	691.6	687.7	691.6	691.6	692.9	696.7	698.0
42.5°	661.9	663.2	663.2	658.0	658.0	658.0	659.3	660.6	660.6	663.2	663.2
45°	629.6	627.1	627.1	627.1	624.5	625.8	628.4	628.4	628.4	628.4	625.8
47.5°	593.5	593.5	594.8	594.8	598.7	597.4	597.4	596.1	593.5	593.5	594.8
50°	560.0	563.8	565.1	565.1	566.4	567.7	567.7	565.1	563.8	560.0	560.0
52.5°	527.7	530.3	532.9	536.7	539.3	538.0	538.0	535.5	530.3	529.0	527.7
55°	492.9	496.7	501.9	505.8	509.7	510.9	510.9	505.8	500.6	494.2	494.2
57.5°	460.6	464.5	473.5	477.4	482.6	482.6	480.0	476.1	468.4	463.2	459.3
60°	428.4	434.8	441.3	449.0	455.5	456.8	452.9	447.7	438.7	432.2	427.1
62.5°	393.5	400.0	412.9	420.6	425.8	425.8	425.8	419.3	407.7	398.7	390.9
65°	360.0	366.4	378.0	388.4	392.2	396.1	392.2	385.8	376.8	366.4	358.7
67.5°	325.1	332.9	344.5	352.2	357.4	361.3	358.7	353.5	341.9	327.7	322.6
70°	286.4	290.3	307.1	314.8	322.6	325.1	322.6	314.8	303.2	287.7	282.6
72.5°	250.3	254.2	269.7	276.1	282.6	285.1	281.3	276.1	265.8	251.6	245.1
75°	209.0	215.5	223.2	233.5	241.3	243.9	240.0	236.1	223.2	214.2	209.0
77.5°	165.2	171.6	181.9	191.0	198.7	197.4	192.2	193.5	179.3	169.0	165.2
80°	125.2	130.3	138.1	145.8	149.7	149.7	148.4	143.2	138.1	130.3	123.9
82.5°	86.4	92.9	99.3	104.5	104.5	105.8	103.2	101.9	96.8	90.3	89.0
85°	51.6	52.9	58.1	58.1	63.2	60.6	59.4	63.2	58.1	54.2	52.9
87.5°	23.2	21.9	23.2	23.2	21.9	24.5	24.5	23.2	24.5	23.2	23.2
90°	7.2	7.5	7.5	7.5	7.9	7.9	7.9	7.5	7.5	7.5	7.2
92.5°	36.4	33.2	27.7	26.7	26.0	25.3	26.0	26.7	27.7	33.2	36.4
95°	137.4	123.0	98.8	88.5	85.8	80.3	85.8	88.5	98.8	123.0	137.4
97.5°	248.1	227.6	207.1	189.4	180.1	176.0	180.1	189.4	207.1	227.6	248.1
100°	350.7	332.9	309.3	284.7	272.1	266.6	272.1	284.7	309.3	332.9	350.7
102.5°	437.5	426.9	401.3	385.5	371.5	367.8	371.5	385.5	401.3	426.9	437.5
105°	487.9	486.0	475.1	463.8	457.0	452.9	457.0	463.8	475.1	486.0	487.9
107.5°	502.1	509.6	512.7	511.0	507.6	504.1	507.6	511.0	512.7	509.6	502.1
110°	488.6	503.1	518.5	525.0	527.4	527.4	527.4	525.0	518.5	503.1	488.6

TEST NUMBER: P1027432

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	460.4	478.2	502.4	514.7	521.6	524.6	521.6	514.7	502.4	478.2	460.4
115°	428.8	447.4	474.1	490.5	500.0	504.5	500.0	490.5	474.1	447.4	428.8
117.5°	400.1	417.7	444.7	461.8	471.3	474.1	471.3	461.8	444.7	417.7	400.1
120°	376.0	391.0	416.3	432.7	441.9	444.7	441.9	432.7	416.3	391.0	376.0
122.5°	356.6	370.5	392.4	407.1	416.3	418.7	416.3	407.1	392.4	370.5	356.6
125°	341.1	353.4	372.6	386.6	394.1	397.5	394.1	386.6	372.6	353.4	341.1
127.5°	327.8	339.4	356.8	369.5	376.7	378.0	376.7	369.5	356.8	339.4	327.8
130°	314.3	325.4	342.5	353.8	360.6	362.6	360.6	353.8	342.5	325.4	314.3
132.5°	299.8	310.3	327.4	338.7	344.9	347.3	344.9	338.7	327.4	310.3	299.8
135°	285.9	295.6	310.7	322.0	328.1	330.2	328.1	322.0	310.7	295.6	285.9
137.5°	271.4	279.9	293.6	304.2	310.0	312.4	310.0	304.2	293.6	279.9	271.4
140°	258.0	265.2	277.9	286.8	291.9	293.6	291.9	286.8	277.9	265.2	258.0
142.5°	246.6	252.6	262.8	270.0	274.8	276.2	274.8	270.0	262.8	252.6	246.6
145°	236.7	241.3	249.5	255.3	259.1	260.4	259.1	255.3	249.5	241.3	236.7
147.5°	228.2	231.7	238.6	243.4	245.7	246.4	245.7	243.4	238.6	231.7	228.2
150°	221.2	224.2	229.3	233.4	234.8	235.2	234.8	233.4	229.3	224.2	221.2
152.5°	215.2	217.4	221.5	224.6	225.9	226.3	225.9	224.6	221.5	217.4	215.2
155°	209.4	211.2	214.6	217.0	218.1	218.4	218.1	217.0	214.6	211.2	209.4
157.5°	203.9	205.4	208.2	210.2	211.2	211.2	211.2	210.2	208.2	205.4	203.9
160°	198.4	199.6	202.0	203.7	204.4	204.0	204.4	203.7	202.0	199.6	198.4
162.5°	193.4	194.5	196.2	197.6	197.6	197.6	197.6	197.6	196.2	194.5	193.4
165°	188.5	189.4	190.7	191.4	191.4	191.4	191.4	191.4	190.7	189.4	188.5
167.5°	183.9	184.6	185.3	185.9	185.6	185.6	185.6	185.9	185.3	184.6	183.9
170°	179.4	179.8	180.5	180.8	180.8	180.5	180.8	180.8	180.5	179.8	179.4
172.5°	175.8	176.0	176.0	176.7	176.0	175.7	176.0	176.7	176.0	176.0	175.8
175°	172.6	172.6	172.6	172.9	172.3	171.9	172.3	172.9	172.6	172.6	172.6
177.5°	170.6	170.6	170.2	170.6	169.5	169.5	169.5	170.6	170.2	170.6	170.6
180°	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5

TEST NUMBER: P1027432

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9
2.5°	1443.8	1436.1	1445.1	1433.5	1436.1	1450.2	1449.0	1461.9	1469.6	1468.3	1474.8
5°	1348.3	1348.3	1352.2	1350.9	1363.8	1375.4	1390.9	1403.8	1418.0	1425.7	1434.8
7.5°	1254.1	1267.0	1269.6	1276.1	1291.5	1310.9	1326.4	1345.7	1366.4	1380.6	1390.9
10°	1176.7	1187.0	1197.4	1202.5	1219.3	1245.1	1267.0	1298.0	1323.8	1339.3	1353.5
12.5°	1108.3	1119.9	1125.1	1148.3	1159.9	1176.7	1207.7	1241.2	1269.6	1286.4	1298.0
15°	1059.3	1065.8	1077.4	1091.6	1103.2	1123.8	1149.6	1187.0	1214.1	1228.3	1268.3
17.5°	1018.0	1025.8	1032.2	1038.7	1056.7	1078.7	1103.2	1135.4	1170.3	1194.8	1215.4
20°	975.4	979.3	987.0	997.4	1010.3	1030.9	1052.8	1086.4	1117.4	1136.7	1163.8
22.5°	925.1	936.7	944.5	952.2	966.4	989.6	1010.3	1034.8	1073.5	1095.4	1123.8
25°	895.4	900.6	905.8	914.8	925.1	945.8	969.0	994.8	1025.8	1049.0	1073.5
27.5°	856.7	864.5	870.9	882.5	889.0	905.8	927.7	953.5	990.9	1010.3	1030.9
30°	824.5	832.2	837.4	842.5	851.6	869.6	890.3	910.9	945.8	970.3	990.9
32.5°	792.2	800.0	806.4	810.3	819.3	830.9	847.7	873.5	903.2	920.0	947.0
35°	763.8	763.8	771.6	776.7	784.5	794.8	810.3	829.6	860.6	882.5	907.1
37.5°	731.6	732.9	739.3	743.2	750.9	761.3	776.7	794.8	820.6	837.4	861.9
40°	698.0	701.9	704.5	710.9	720.0	723.8	739.3	760.0	785.8	801.2	821.9
42.5°	664.5	667.1	673.5	678.7	686.4	692.9	703.2	722.5	741.9	765.1	781.9
45°	627.1	633.5	637.4	646.4	650.3	656.7	667.1	682.5	705.8	720.0	739.3
47.5°	594.8	597.4	600.0	611.6	619.3	623.2	633.5	642.5	667.1	680.0	698.0
50°	560.0	560.0	563.8	569.0	578.0	585.8	594.8	605.1	624.5	637.4	655.5
52.5°	527.7	523.8	526.4	529.0	538.0	545.8	554.8	569.0	587.1	594.8	610.3
55°	492.9	486.4	490.3	494.2	496.7	507.1	517.4	526.4	540.6	552.2	566.4
57.5°	455.5	454.2	451.6	452.9	459.3	465.8	473.5	485.1	501.9	510.9	518.7
60°	421.9	414.2	411.6	414.2	418.0	421.9	432.2	442.6	456.8	465.8	474.8
62.5°	387.1	379.3	374.2	370.3	374.2	383.2	389.7	397.4	409.0	419.3	427.1
65°	353.5	341.9	336.8	334.2	332.9	339.3	344.5	354.8	365.1	369.0	378.0
67.5°	316.1	305.8	299.3	295.5	295.5	295.5	300.6	311.0	321.3	322.6	331.6
70°	278.7	267.1	260.6	255.5	252.9	255.5	261.9	263.2	272.2	274.8	280.0
72.5°	238.7	228.4	220.6	214.2	215.5	218.1	218.1	220.6	225.8	232.2	232.2
75°	201.3	187.1	183.2	178.1	175.5	175.5	175.5	180.6	184.5	189.7	188.4
77.5°	158.7	151.0	143.2	140.6	136.8	135.5	138.1	138.1	140.6	144.5	145.8
80°	122.6	113.5	108.4	105.8	100.6	99.3	100.6	100.6	104.5	103.2	104.5
82.5°	85.2	78.7	74.8	71.0	68.4	69.7	68.4	68.4	69.7	68.4	68.4
85°	49.0	47.7	45.2	43.9	42.6	40.0	42.6	41.3	40.0	38.7	41.3
87.5°	23.2	21.9	21.9	19.4	19.4	18.1	19.4	19.4	18.1	18.1	18.1
90°	6.8	6.5	6.2	5.8	5.5	4.8	4.4	3.8	3.4	3.0	2.7
92.5°	39.6	53.3	74.2	110.1	136.4	138.8	96.4	57.4	34.2	28.0	21.9
95°	151.8	193.8	245.7	296.3	302.8	247.1	152.8	77.6	41.0	33.3	25.6
97.5°	268.6	311.0	352.4	370.2	327.1	226.6	124.8	67.0	41.7	36.0	30.4
100°	368.5	403.7	420.4	394.1	308.6	196.9	110.7	66.3	46.5	41.4	36.2
102.5°	448.1	460.4	443.3	379.7	276.2	174.3	104.9	69.4	52.3	47.3	42.4
105°	489.8	474.7	427.9	345.9	247.8	161.3	104.2	73.8	58.8	54.0	49.2
107.5°	494.6	458.3	396.5	313.8	226.6	154.5	106.6	80.0	65.3	61.0	56.7
110°	474.1	425.9	360.9	287.1	212.6	151.8	110.4	86.8	72.8	68.4	63.9

TEST NUMBER: P1027432

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	442.6	393.7	332.9	267.3	204.4	151.8	115.2	93.3	80.0	75.7	71.4
115°	410.1	363.3	310.3	254.0	198.9	152.8	120.0	100.1	87.5	83.2	79.0
117.5°	382.5	341.4	294.6	245.1	195.8	154.5	125.4	107.0	95.0	90.9	86.8
120°	360.9	323.3	282.3	237.9	193.8	157.2	130.9	114.5	102.5	98.2	94.0
122.5°	342.8	310.3	273.1	231.7	192.1	159.6	137.1	121.7	109.7	105.4	101.2
125°	328.8	299.1	264.2	226.3	190.7	162.4	142.5	127.8	116.6	112.2	107.7
127.5°	316.2	288.1	255.0	221.1	190.0	165.4	147.7	134.0	123.0	118.6	114.2
130°	303.2	276.5	246.4	216.0	189.4	168.2	152.8	139.8	129.2	124.8	120.3
132.5°	289.2	265.6	237.9	211.9	189.4	171.2	157.2	145.3	134.7	130.2	125.8
135°	276.2	254.3	230.7	208.8	189.4	174.0	161.3	150.0	139.5	134.8	130.2
137.5°	262.8	244.0	224.2	205.8	189.7	176.7	164.4	153.5	143.9	139.1	134.3
140°	250.9	235.2	219.1	203.7	190.0	178.4	167.5	157.2	147.3	142.7	138.1
142.5°	240.6	227.6	214.6	202.0	190.4	179.4	169.2	159.6	150.4	146.1	141.8
145°	232.1	221.5	210.9	200.3	190.0	180.1	170.9	162.4	153.5	149.6	145.6
147.5°	224.6	216.0	207.1	198.6	189.4	180.5	171.9	164.1	156.2	152.6	149.0
150°	218.1	211.6	204.0	196.5	188.3	180.5	172.9	165.8	158.2	155.3	152.4
152.5°	212.9	207.1	200.6	194.1	187.0	180.1	173.6	167.5	160.6	158.0	155.5
155°	207.5	202.7	197.2	191.4	185.3	179.4	174.0	168.5	162.7	160.3	157.9
157.5°	202.3	198.6	193.8	189.0	183.5	178.8	174.3	169.5	164.4	162.5	160.6
160°	197.2	193.8	190.4	185.9	181.8	177.7	174.3	170.2	165.8	164.2	162.7
162.5°	192.4	189.7	186.6	183.2	179.8	176.7	174.0	170.9	167.1	165.9	164.7
165°	187.6	185.6	183.2	180.5	177.7	175.7	173.6	170.9	168.2	167.1	166.1
167.5°	183.2	181.5	179.8	177.7	175.7	174.0	172.9	170.9	168.5	167.8	167.1
170°	179.1	178.1	177.0	175.3	174.0	172.9	172.3	170.9	169.2	168.7	168.2
172.5°	175.7	175.0	174.0	172.9	171.9	171.6	171.6	170.6	169.2	169.0	168.8
175°	172.6	171.9	171.9	170.9	170.6	170.6	170.9	170.2	169.2	169.2	169.2
177.5°	170.6	170.6	170.2	169.9	169.5	169.5	170.2	169.9	169.2	169.2	169.2
180°	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5

TEST NUMBER: P1027432

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1519.9	1519.9	1519.9	1519.9
2.5°	1483.8	1496.7	1505.7	1522.5
5°	1450.2	1473.5	1495.4	1518.6
7.5°	1416.7	1443.8	1478.6	1508.3
10°	1379.3	1414.1	1455.4	1495.4
12.5°	1341.9	1383.2	1428.3	1481.2
15°	1296.7	1349.6	1402.5	1459.3
17.5°	1256.7	1310.9	1367.7	1438.6
20°	1211.6	1270.9	1332.8	1405.1
22.5°	1171.6	1237.4	1301.9	1378.0
25°	1126.4	1190.9	1261.9	1343.2
27.5°	1089.0	1148.3	1218.0	1305.7
30°	1043.8	1108.3	1178.0	1265.7
32.5°	1001.2	1063.2	1136.7	1223.2
35°	957.4	1020.6	1086.4	1169.0
37.5°	916.1	970.3	1036.1	1114.8
40°	869.6	929.0	988.3	1050.3
42.5°	827.1	881.2	936.7	985.8
45°	779.3	825.8	878.7	918.7
47.5°	735.4	776.7	818.0	849.0
50°	691.6	723.8	754.8	781.9
52.5°	640.0	676.1	692.9	709.6
55°	593.5	614.2	629.6	646.4
57.5°	548.4	557.4	565.1	580.6
60°	489.0	499.3	508.4	520.0
62.5°	437.4	442.6	445.1	456.8
65°	388.4	387.1	393.5	400.0
67.5°	335.5	334.2	340.6	343.2
70°	283.9	282.6	283.9	290.3
72.5°	234.8	234.8	236.1	238.7
75°	189.7	189.7	191.0	193.5
77.5°	143.2	145.8	144.5	149.7
80°	104.5	101.9	104.5	107.1
82.5°	68.4	71.0	71.0	68.4
85°	38.7	38.7	38.7	38.7
87.5°	16.8	16.8	18.1	19.4
90°	2.1	1.4	0.7	0.3
92.5°	14.7	9.6	6.2	5.1
95°	18.1	14.4	11.6	11.3
97.5°	23.6	19.8	17.8	17.4
100°	29.7	26.0	24.6	23.9
102.5°	36.6	32.5	31.4	31.1
105°	43.7	40.3	38.6	38.6
107.5°	50.9	48.2	46.5	45.8
110°	58.8	55.7	54.3	53.7

TEST NUMBER: P1027432

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	66.3	63.2	62.2	61.5
115°	73.8	70.8	69.7	69.0
117.5°	81.0	77.9	76.9	75.9
120°	88.2	85.1	83.7	82.7
122.5°	94.7	91.6	90.6	89.9
125°	101.2	98.1	96.4	95.7
127.5°	107.3	103.6	101.5	100.5
130°	113.1	108.7	106.0	104.9
132.5°	118.3	113.1	109.7	108.3
135°	123.0	117.6	113.5	112.1
137.5°	127.1	121.7	117.9	116.9
140°	131.6	126.1	122.0	121.0
142.5°	135.7	130.2	126.5	125.8
145°	139.5	134.7	131.2	130.6
147.5°	143.6	139.1	136.0	135.7
150°	147.7	143.2	140.8	140.1
152.5°	151.1	147.3	145.3	144.9
155°	154.5	151.1	149.0	149.0
157.5°	157.6	154.5	152.8	152.8
160°	160.0	157.6	156.2	156.5
162.5°	162.7	160.6	159.3	159.6
165°	164.7	163.0	162.0	162.7
167.5°	166.1	165.1	164.4	164.7
170°	167.5	166.8	166.5	166.8
172.5°	168.5	167.8	167.5	168.2
175°	169.2	168.8	168.5	169.2
177.5°	169.5	169.2	169.2	169.9
180°	169.5	169.5	169.5	169.5

(END OF REPORT)