

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: P1027431

Luminaire Tested: S125DIP-B1090D375UB50-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027431
REPORT IS A COMBINATION OF REPORTS P1001391 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-A1
Description: Define 5 Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

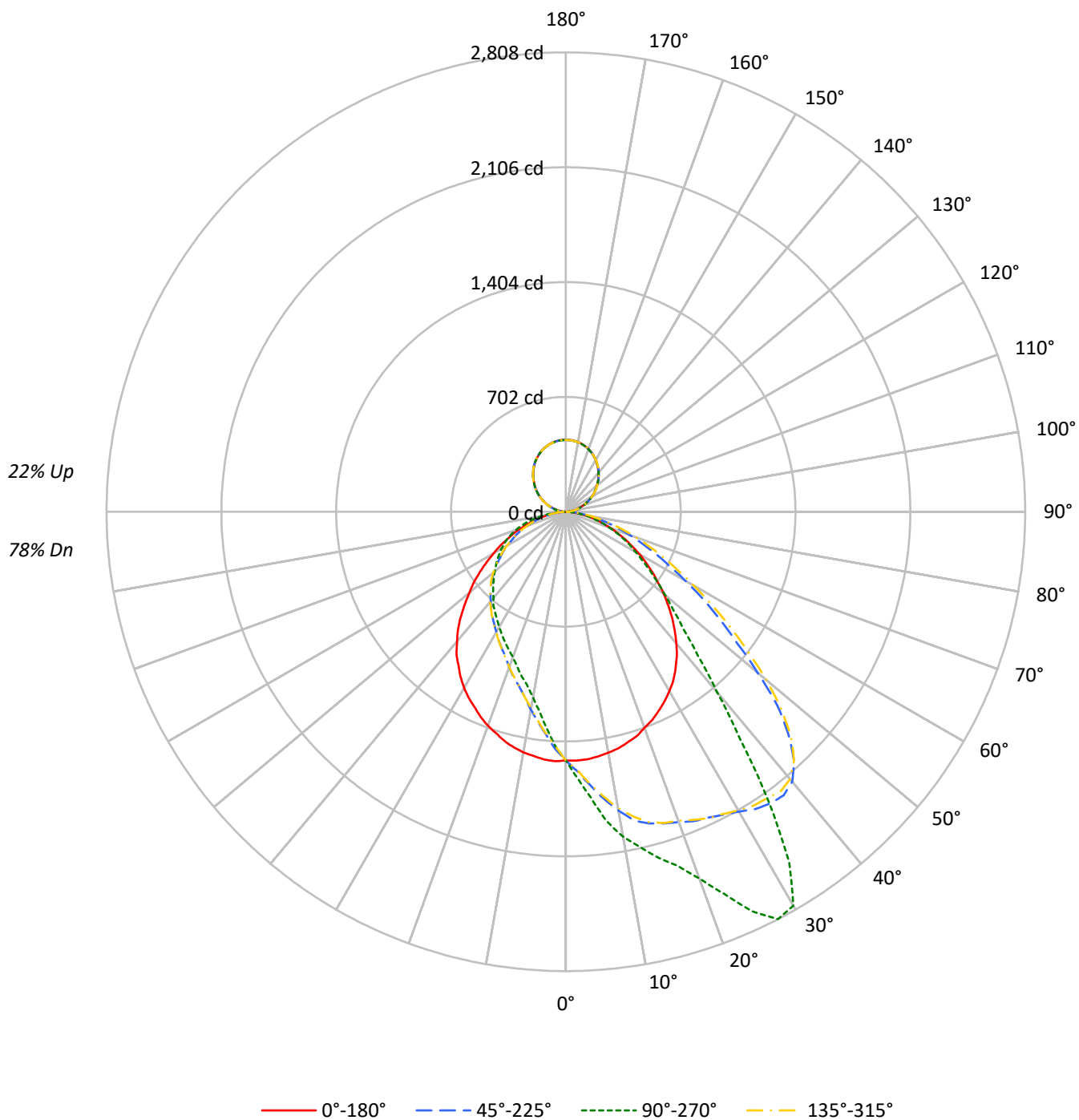
Lumens per Lamp: N/A
Luminaire Lumens: 5516.0 lumens
Efficiency: N/A
Efficacy: 98.3 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

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	50	30	10
RCR																				
0	114	114	114	114	109	109	109	109	99	99	99	90	90	90	82	82	82	78		
1	104	100	96	93	99	96	92	89	87	85	82	80	78	76	73	71	70	66		
2	95	88	82	76	91	84	78	74	77	72	69	70	67	64	64	62	59	56		
3	87	77	70	64	83	74	67	62	68	63	58	63	58	54	57	54	51	48		
4	80	69	61	54	76	66	59	53	61	55	50	56	51	47	51	47	44	41		
5	74	62	53	47	70	59	52	46	55	48	43	50	45	41	46	42	38	36		
6	68	55	47	41	65	53	46	40	49	43	38	46	40	36	42	38	34	32		
7	63	50	42	36	60	48	41	35	45	38	34	42	36	32	39	34	30	28		
8	59	46	38	32	56	44	37	32	41	35	30	38	33	29	35	31	27	25		
9	55	42	34	29	52	41	33	28	38	31	27	35	30	26	33	28	25	23		
10	51	39	31	26	49	37	30	26	35	29	24	33	27	23	30	26	22	20		

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	2.7
10°-20°	435.7	7.9
20°-30°	707.8	12.8
30°-40°	865.0	15.7
40°-50°	784.6	14.2
50°-60°	624.9	11.3
60°-70°	435.3	7.9
70°-80°	231.9	4.2
80°-90°	58.2	1.1
90°-100°	29.2	0.5
100°-110°	86.8	1.6
110°-120°	147.2	2.7
120°-130°	193.8	3.5
130°-140°	217.2	3.9
140°-150°	212.9	3.9
150°-160°	178.8	3.2
160°-170°	118.9	2.2
170°-180°	41.6	0.8
0°-30°	1289.8	23.4
0°-40°	2154.8	39.1
0°-60°	3564.3	64.6
0°-90°	4289.7	77.8
90°-120°	263.2	4.8
90°-150°	887.1	16.1
90°-180°	1226.0	22.2
0°-180°	5516.0	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	4
95°	22	29	22	29	22	23
105°	78	85	78	85	78	83
115°	147	149	147	149	147	146
125°	215	216	215	216	215	193
135°	280	281	280	281	280	216
145°	339	340	339	340	339	212
155°	388	388	388	388	388	179
165°	422	421	422	421	422	119
175°	438	437	438	437	438	42
180°	439	439	439	439	439	

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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	0.9	1.5	2.2	2.8	3.1	3.4	3.9	4.4	5.0	5.5
92.5°	10.3	10.7	11.1	11.4	11.8	12.0	12.3	13.0	13.7	14.3	15.0
95°	22.2	22.4	22.5	22.7	22.8	22.9	23.3	24.0	24.8	25.5	26.3
97.5°	34.2	34.3	34.3	34.4	34.5	34.5	35.0	36.1	37.2	38.2	39.3
100°	47.9	47.9	47.9	47.9	47.9	47.9	48.4	49.4	50.3	51.3	52.3
102.5°	62.6	63.0	63.4	63.7	64.1	64.3	64.5	64.9	65.2	65.6	66.0
105°	78.0	78.4	78.8	79.1	79.5	79.7	79.9	80.4	80.8	81.3	81.7
107.5°	94.7	95.1	95.5	95.8	96.2	96.4	96.6	97.0	97.3	97.7	98.1
110°	112.2	112.6	113.0	113.3	113.7	113.9	114.0	114.2	114.5	114.7	114.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	129.9	130.1	130.2	130.4	130.5	130.6	130.8	131.1	131.4	131.7	132.0
115°	147.4	147.7	148.0	148.3	148.6	148.7	148.8	148.9	149.1	149.2	149.4
117.5°	165.2	165.3	165.3	165.4	165.5	165.5	165.6	165.7	165.9	166.0	166.2
120°	181.6	182.0	182.4	182.7	183.1	183.3	183.3	183.4	183.5	183.5	183.6
122.5°	199.4	199.5	199.5	199.6	199.7	199.7	199.8	200.0	200.3	200.5	200.7
125°	215.1	215.5	216.0	216.4	216.9	217.1	217.1	217.2	217.3	217.4	217.5
127.5°	232.5	232.7	232.9	233.2	233.4	233.5	233.5	233.6	233.7	233.8	233.9
130°	247.9	248.3	248.7	249.0	249.4	249.6	249.7	249.8	250.0	250.1	250.3
132.5°	263.3	264.0	264.7	265.4	266.1	266.4	266.4	266.3	266.2	266.1	266.0
135°	279.7	280.2	280.6	281.1	281.6	281.8	281.8	281.9	282.0	282.0	282.1
137.5°	295.1	295.5	296.0	296.4	296.9	297.1	297.2	297.3	297.5	297.6	297.8
140°	309.8	310.2	310.6	310.9	311.3	311.5	311.6	311.8	312.1	312.3	312.5
142.5°	324.5	324.8	325.1	325.4	325.7	325.9	326.0	326.3	326.6	326.9	327.2
145°	338.9	339.2	339.5	339.8	340.1	340.2	340.3	340.6	340.8	341.1	341.3
147.5°	352.2	352.4	352.6	352.9	353.1	353.2	353.3	353.4	353.6	353.7	353.9
150°	365.5	365.4	365.4	365.3	365.2	365.2	365.4	365.7	366.0	366.3	366.6
152.5°	376.5	376.7	376.8	377.0	377.1	377.2	377.2	377.3	377.4	377.4	377.5
155°	387.8	387.8	387.8	387.8	387.8	387.8	387.8	387.9	388.0	388.0	388.1
157.5°	398.0	397.8	397.7	397.5	397.4	397.3	397.3	397.4	397.5	397.6	397.7
160°	406.9	406.7	406.5	406.2	406.0	405.9	405.9	406.0	406.1	406.1	406.2
162.5°	414.8	414.6	414.5	414.3	414.2	414.1	414.1	414.1	414.1	414.1	414.1
165°	421.6	421.4	421.3	421.1	421.0	420.9	420.9	421.0	421.1	421.2	421.3
167.5°	427.8	427.5	427.2	426.9	426.6	426.4	426.4	426.4	426.4	426.4	426.4
170°	432.6	432.3	432.0	431.7	431.4	431.2	431.2	431.2	431.2	431.2	431.2
172.5°	436.0	435.7	435.4	435.1	434.8	434.6	434.6	434.6	434.6	434.6	434.6
175°	438.4	438.1	437.8	437.5	437.2	437.0	437.0	437.0	437.0	437.0	437.0
177.5°	440.1	439.8	439.5	439.2	438.9	438.7	438.7	438.6	438.5	438.5	438.4
180°	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4

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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°	5.9	6.3	6.6	7.0	7.2	7.3	7.5	7.8	8.0	8.2	8.0
92.5°	15.5	16.1	16.6	17.1	17.4	17.5	17.6	17.8	17.9	18.1	17.9
95°	26.8	27.4	27.9	28.4	28.7	28.8	28.9	29.1	29.2	29.4	29.2
97.5°	39.8	40.2	40.7	41.2	41.4	41.4	41.5	41.6	41.6	41.7	41.6
100°	53.0	53.7	54.4	55.1	55.4	55.5	55.6	55.8	55.9	56.1	55.9
102.5°	66.8	67.5	68.3	69.0	69.4	69.5	69.7	70.0	70.2	70.4	70.2
105°	82.2	82.6	83.1	83.6	83.8	83.9	84.1	84.4	84.6	84.8	84.6
107.5°	98.3	98.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
110°	115.1	115.3	115.6	115.8	115.9	115.9	115.8	115.7	115.7	115.6	115.7

TEST NUMBER: P1027431

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	132.1	132.1	132.2	132.3	132.3	132.2	132.1	131.9	131.8	131.6	131.8
115°	149.3	149.3	149.2	149.1	149.1	149.1	149.0	148.9	148.8	148.7	148.8
117.5°	166.3	166.3	166.4	166.5	166.5	166.4	166.1	165.8	165.5	165.2	165.5
120°	183.6	183.6	183.6	183.6	183.6	183.5	183.2	182.9	182.6	182.3	182.6
122.5°	200.6	200.6	200.5	200.4	200.4	200.3	200.1	199.8	199.6	199.4	199.6
125°	217.3	217.2	217.0	216.9	216.8	216.8	216.7	216.6	216.5	216.4	216.5
127.5°	233.8	233.7	233.6	233.5	233.5	233.4	233.3	233.2	233.0	232.9	233.0
130°	250.2	250.2	250.1	250.0	250.0	249.9	249.8	249.6	249.5	249.3	249.5
132.5°	265.9	265.9	265.8	265.7	265.7	265.6	265.4	265.1	264.9	264.7	264.9
135°	282.1	282.1	282.1	282.1	282.1	281.9	281.6	281.3	281.0	280.7	281.0
137.5°	297.9	298.0	298.1	298.2	298.2	298.0	297.6	297.3	296.9	296.5	296.9
140°	312.7	312.8	313.0	313.1	313.2	313.0	312.6	312.3	311.9	311.5	311.9
142.5°	327.3	327.4	327.5	327.6	327.6	327.4	327.0	326.7	326.3	325.9	326.3
145°	341.3	341.3	341.3	341.3	341.3	341.2	340.9	340.7	340.4	340.2	340.4
147.5°	354.1	354.3	354.6	354.8	354.9	354.6	354.0	353.4	352.8	352.2	352.8
150°	366.6	366.6	366.6	366.6	366.6	366.5	366.4	366.2	366.1	365.9	366.1
152.5°	377.7	377.9	378.2	378.4	378.5	378.4	378.1	377.8	377.5	377.2	377.5
155°	388.4	388.7	389.0	389.3	389.5	389.3	388.9	388.6	388.2	387.8	388.2
157.5°	398.0	398.3	398.6	398.9	399.0	398.7	398.2	397.7	397.2	396.7	397.2
160°	406.5	406.8	407.1	407.4	407.6	407.4	407.0	406.7	406.3	405.9	406.3
162.5°	414.5	414.9	415.2	415.6	415.8	415.6	415.1	414.6	414.2	413.7	414.2
165°	421.6	421.9	422.2	422.5	422.6	422.4	421.9	421.5	421.0	420.6	421.0
167.5°	426.9	427.3	427.8	428.3	428.5	428.3	427.8	427.3	426.9	426.4	426.9
170°	431.6	432.1	432.5	433.0	433.2	432.9	432.4	431.9	431.3	430.8	431.3
172.5°	435.1	435.5	436.0	436.5	436.7	436.5	436.0	435.5	435.1	434.6	435.1
175°	437.5	437.9	438.4	438.9	439.1	438.8	438.3	437.8	437.2	436.7	437.2
177.5°	438.8	439.3	439.7	440.2	440.4	440.1	439.6	439.1	438.5	438.0	438.5
180°	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4

TEST NUMBER: P1027431

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A1

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°	7.8	7.5	7.3	7.2	7.0	6.6	6.3	5.9	5.5	5.0	4.4
92.5°	17.8	17.6	17.5	17.4	17.1	16.6	16.1	15.5	15.0	14.3	13.7
95°	29.1	28.9	28.8	28.7	28.4	27.9	27.4	26.8	26.3	25.5	24.8
97.5°	41.6	41.5	41.4	41.4	41.2	40.7	40.2	39.8	39.3	38.2	37.2
100°	55.8	55.6	55.5	55.4	55.1	54.4	53.7	53.0	52.3	51.3	50.3
102.5°	70.0	69.7	69.5	69.4	69.0	68.3	67.5	66.8	66.0	65.6	65.2
105°	84.4	84.1	83.9	83.8	83.6	83.1	82.6	82.2	81.7	81.3	80.8
107.5°	99.2	99.2	99.2	99.2	99.1	98.8	98.6	98.3	98.1	97.7	97.3
110°	115.7	115.8	115.9	115.9	115.8	115.6	115.3	115.1	114.9	114.7	114.5

TEST NUMBER: P1027431

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	131.9	132.1	132.2	132.3	132.3	132.2	132.1	132.1	132.0	131.7	131.4
115°	148.9	149.0	149.1	149.1	149.1	149.2	149.3	149.3	149.4	149.2	149.1
117.5°	165.8	166.1	166.4	166.5	166.5	166.4	166.3	166.3	166.2	166.0	165.9
120°	182.9	183.2	183.5	183.6	183.6	183.6	183.6	183.6	183.6	183.5	183.5
122.5°	199.8	200.1	200.3	200.4	200.4	200.5	200.6	200.6	200.7	200.5	200.3
125°	216.6	216.7	216.8	216.8	216.9	217.0	217.2	217.3	217.5	217.4	217.3
127.5°	233.2	233.3	233.4	233.5	233.5	233.6	233.7	233.8	233.9	233.8	233.7
130°	249.6	249.8	249.9	250.0	250.0	250.1	250.2	250.2	250.3	250.1	250.0
132.5°	265.1	265.4	265.6	265.7	265.7	265.8	265.9	265.9	266.0	266.1	266.2
135°	281.3	281.6	281.9	282.1	282.1	282.1	282.1	282.1	282.1	282.0	282.0
137.5°	297.3	297.6	298.0	298.2	298.2	298.1	298.0	297.9	297.8	297.6	297.5
140°	312.3	312.6	313.0	313.2	313.1	313.0	312.8	312.7	312.5	312.3	312.1
142.5°	326.7	327.0	327.4	327.6	327.6	327.5	327.4	327.3	327.2	326.9	326.6
145°	340.7	340.9	341.2	341.3	341.3	341.3	341.3	341.3	341.3	341.1	340.8
147.5°	353.4	354.0	354.6	354.9	354.8	354.6	354.3	354.1	353.9	353.7	353.6
150°	366.2	366.4	366.5	366.6	366.6	366.6	366.6	366.6	366.6	366.3	366.0
152.5°	377.8	378.1	378.4	378.5	378.4	378.2	377.9	377.7	377.5	377.4	377.4
155°	388.6	388.9	389.3	389.5	389.3	389.0	388.7	388.4	388.1	388.0	388.0
157.5°	397.7	398.2	398.7	399.0	398.9	398.6	398.3	398.0	397.7	397.6	397.5
160°	406.7	407.0	407.4	407.6	407.4	407.1	406.8	406.5	406.2	406.1	406.1
162.5°	414.6	415.1	415.6	415.8	415.6	415.2	414.9	414.5	414.1	414.1	414.1
165°	421.5	421.9	422.4	422.6	422.5	422.2	421.9	421.6	421.3	421.2	421.1
167.5°	427.3	427.8	428.3	428.5	428.3	427.8	427.3	426.9	426.4	426.4	426.4
170°	431.9	432.4	432.9	433.2	433.0	432.5	432.1	431.6	431.2	431.2	431.2
172.5°	435.5	436.0	436.5	436.7	436.5	436.0	435.5	435.1	434.6	434.6	434.6
175°	437.8	438.3	438.8	439.1	438.9	438.4	437.9	437.5	437.0	437.0	437.0
177.5°	439.1	439.6	440.1	440.4	440.2	439.7	439.3	438.8	438.4	438.5	438.5
180°	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4

TEST NUMBER: P1027431

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A1

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°	3.9	3.4	3.1	2.8	2.2	1.5	0.9	0.3	0.9	1.5	2.2
92.5°	13.0	12.3	12.0	11.8	11.4	11.1	10.7	10.3	10.7	11.1	11.4
95°	24.0	23.3	22.9	22.8	22.7	22.5	22.4	22.2	22.4	22.5	22.7
97.5°	36.1	35.0	34.5	34.5	34.4	34.3	34.3	34.2	34.3	34.3	34.4
100°	49.4	48.4	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
102.5°	64.9	64.5	64.3	64.1	63.7	63.4	63.0	62.6	63.0	63.4	63.7
105°	80.4	79.9	79.7	79.5	79.1	78.8	78.4	78.0	78.4	78.8	79.1
107.5°	97.0	96.6	96.4	96.2	95.8	95.5	95.1	94.7	95.1	95.5	95.8
110°	114.2	114.0	113.9	113.7	113.3	113.0	112.6	112.2	112.6	113.0	113.3

TEST NUMBER: P1027431

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	131.1	130.8	130.6	130.5	130.4	130.2	130.1	129.9	130.1	130.2	130.4
115°	148.9	148.8	148.7	148.6	148.3	148.0	147.7	147.4	147.7	148.0	148.3
117.5°	165.7	165.6	165.5	165.5	165.4	165.3	165.3	165.2	165.3	165.3	165.4
120°	183.4	183.3	183.3	183.1	182.7	182.4	182.0	181.6	182.0	182.4	182.7
122.5°	200.0	199.8	199.7	199.7	199.6	199.5	199.5	199.4	199.5	199.5	199.6
125°	217.2	217.1	217.1	216.9	216.4	216.0	215.5	215.1	215.5	216.0	216.4
127.5°	233.6	233.5	233.5	233.4	233.2	232.9	232.7	232.5	232.7	232.9	233.2
130°	249.8	249.7	249.6	249.4	249.0	248.7	248.3	247.9	248.3	248.7	249.0
132.5°	266.3	266.4	266.4	266.1	265.4	264.7	264.0	263.3	264.0	264.7	265.4
135°	281.9	281.8	281.8	281.6	281.1	280.6	280.2	279.7	280.2	280.6	281.1
137.5°	297.3	297.2	297.1	296.9	296.4	296.0	295.5	295.1	295.5	296.0	296.4
140°	311.8	311.6	311.5	311.3	310.9	310.6	310.2	309.8	310.2	310.6	310.9
142.5°	326.3	326.0	325.9	325.7	325.4	325.1	324.8	324.5	324.8	325.1	325.4
145°	340.6	340.3	340.2	340.1	339.8	339.5	339.2	338.9	339.2	339.5	339.8
147.5°	353.4	353.3	353.2	353.1	352.9	352.6	352.4	352.2	352.4	352.6	352.9
150°	365.7	365.4	365.2	365.2	365.3	365.4	365.4	365.5	365.4	365.4	365.3
152.5°	377.3	377.2	377.2	377.1	377.0	376.8	376.7	376.5	376.7	376.8	377.0
155°	387.9	387.8	387.8	387.8	387.8	387.8	387.8	387.8	387.8	387.8	387.8
157.5°	397.4	397.3	397.3	397.4	397.5	397.7	397.8	398.0	397.8	397.7	397.5
160°	406.0	405.9	405.9	406.0	406.2	406.5	406.7	406.9	406.7	406.5	406.2
162.5°	414.1	414.1	414.1	414.2	414.3	414.5	414.6	414.8	414.6	414.5	414.3
165°	421.0	420.9	420.9	421.0	421.1	421.3	421.4	421.6	421.4	421.3	421.1
167.5°	426.4	426.4	426.4	426.6	426.9	427.2	427.5	427.8	427.5	427.2	426.9
170°	431.2	431.2	431.2	431.4	431.7	432.0	432.3	432.6	432.3	432.0	431.7
172.5°	434.6	434.6	434.6	434.8	435.1	435.4	435.7	436.0	435.7	435.4	435.1
175°	437.0	437.0	437.0	437.2	437.5	437.8	438.1	438.4	438.1	437.8	437.5
177.5°	438.6	438.7	438.7	438.9	439.2	439.5	439.8	440.1	439.8	439.5	439.2
180°	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4

TEST NUMBER: P1027431

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A1

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°	2.8	3.1	3.4	3.9	4.4	5.0	5.5	5.9	6.3	6.6	7.0
92.5°	11.8	12.0	12.3	13.0	13.7	14.3	15.0	15.5	16.1	16.6	17.1
95°	22.8	22.9	23.3	24.0	24.8	25.5	26.3	26.8	27.4	27.9	28.4
97.5°	34.5	34.5	35.0	36.1	37.2	38.2	39.3	39.8	40.2	40.7	41.2
100°	47.9	47.9	48.4	49.4	50.3	51.3	52.3	53.0	53.7	54.4	55.1
102.5°	64.1	64.3	64.5	64.9	65.2	65.6	66.0	66.8	67.5	68.3	69.0
105°	79.5	79.7	79.9	80.4	80.8	81.3	81.7	82.2	82.6	83.1	83.6
107.5°	96.2	96.4	96.6	97.0	97.3	97.7	98.1	98.3	98.6	98.8	99.1
110°	113.7	113.9	114.0	114.2	114.5	114.7	114.9	115.1	115.3	115.6	115.8

TEST NUMBER: P1027431

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	130.5	130.6	130.8	131.1	131.4	131.7	132.0	132.1	132.1	132.2	132.3
115°	148.6	148.7	148.8	148.9	149.1	149.2	149.4	149.3	149.3	149.2	149.1
117.5°	165.5	165.5	165.6	165.7	165.9	166.0	166.2	166.3	166.3	166.4	166.5
120°	183.1	183.3	183.3	183.4	183.5	183.5	183.6	183.6	183.6	183.6	183.6
122.5°	199.7	199.7	199.8	200.0	200.3	200.5	200.7	200.6	200.6	200.5	200.4
125°	216.9	217.1	217.1	217.2	217.3	217.4	217.5	217.3	217.2	217.0	216.9
127.5°	233.4	233.5	233.5	233.6	233.7	233.8	233.9	233.8	233.7	233.6	233.5
130°	249.4	249.6	249.7	249.8	250.0	250.1	250.3	250.2	250.2	250.1	250.0
132.5°	266.1	266.4	266.4	266.3	266.2	266.1	266.0	265.9	265.9	265.8	265.7
135°	281.6	281.8	281.8	281.9	282.0	282.0	282.1	282.1	282.1	282.1	282.1
137.5°	296.9	297.1	297.2	297.3	297.5	297.6	297.8	297.9	298.0	298.1	298.2
140°	311.3	311.5	311.6	311.8	312.1	312.3	312.5	312.7	312.8	313.0	313.1
142.5°	325.7	325.9	326.0	326.3	326.6	326.9	327.2	327.3	327.4	327.5	327.6
145°	340.1	340.2	340.3	340.6	340.8	341.1	341.3	341.3	341.3	341.3	341.3
147.5°	353.1	353.2	353.3	353.4	353.6	353.7	353.9	354.1	354.3	354.6	354.8
150°	365.2	365.2	365.4	365.7	366.0	366.3	366.6	366.6	366.6	366.6	366.6
152.5°	377.1	377.2	377.2	377.3	377.4	377.4	377.5	377.7	377.9	378.2	378.4
155°	387.8	387.8	387.8	387.9	388.0	388.0	388.1	388.4	388.7	389.0	389.3
157.5°	397.4	397.3	397.3	397.4	397.5	397.6	397.7	398.0	398.3	398.6	398.9
160°	406.0	405.9	405.9	406.0	406.1	406.1	406.2	406.5	406.8	407.1	407.4
162.5°	414.2	414.1	414.1	414.1	414.1	414.1	414.1	414.5	414.9	415.2	415.6
165°	421.0	420.9	420.9	421.0	421.1	421.2	421.3	421.6	421.9	422.2	422.5
167.5°	426.6	426.4	426.4	426.4	426.4	426.4	426.4	426.9	427.3	427.8	428.3
170°	431.4	431.2	431.2	431.2	431.2	431.2	431.2	431.6	432.1	432.5	433.0
172.5°	434.8	434.6	434.6	434.6	434.6	434.6	434.6	435.1	435.5	436.0	436.5
175°	437.2	437.0	437.0	437.0	437.0	437.0	437.0	437.5	437.9	438.4	438.9
177.5°	438.9	438.7	438.7	438.6	438.5	438.5	438.4	438.8	439.3	439.7	440.2
180°	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4

TEST NUMBER: P1027431

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A1

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	7.3	7.5	7.8	8.0	8.2	8.0	7.8	7.5	7.3	7.2
92.5°	17.4	17.5	17.6	17.8	17.9	18.1	17.9	17.8	17.6	17.5	17.4
95°	28.7	28.8	28.9	29.1	29.2	29.4	29.2	29.1	28.9	28.8	28.7
97.5°	41.4	41.4	41.5	41.6	41.6	41.7	41.6	41.6	41.5	41.4	41.4
100°	55.4	55.5	55.6	55.8	55.9	56.1	55.9	55.8	55.6	55.5	55.4
102.5°	69.4	69.5	69.7	70.0	70.2	70.4	70.2	70.0	69.7	69.5	69.4
105°	83.8	83.9	84.1	84.4	84.6	84.8	84.6	84.4	84.1	83.9	83.8
107.5°	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
110°	115.9	115.9	115.8	115.7	115.7	115.6	115.7	115.7	115.8	115.9	115.9

TEST NUMBER: P1027431

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	132.3	132.2	132.1	131.9	131.8	131.6	131.8	131.9	132.1	132.2	132.3
115°	149.1	149.1	149.0	148.9	148.8	148.7	148.8	148.9	149.0	149.1	149.1
117.5°	166.5	166.4	166.1	165.8	165.5	165.2	165.5	165.8	166.1	166.4	166.5
120°	183.6	183.5	183.2	182.9	182.6	182.3	182.6	182.9	183.2	183.5	183.6
122.5°	200.4	200.3	200.1	199.8	199.6	199.4	199.6	199.8	200.1	200.3	200.4
125°	216.8	216.8	216.7	216.6	216.5	216.4	216.5	216.6	216.7	216.8	216.8
127.5°	233.5	233.4	233.3	233.2	233.0	232.9	233.0	233.2	233.3	233.4	233.5
130°	250.0	249.9	249.8	249.6	249.5	249.3	249.5	249.6	249.8	249.9	250.0
132.5°	265.7	265.6	265.4	265.1	264.9	264.7	264.9	265.1	265.4	265.6	265.7
135°	282.1	281.9	281.6	281.3	281.0	280.7	281.0	281.3	281.6	281.9	282.1
137.5°	298.2	298.0	297.6	297.3	296.9	296.5	296.9	297.3	297.6	298.0	298.2
140°	313.2	313.0	312.6	312.3	311.9	311.5	311.9	312.3	312.6	313.0	313.2
142.5°	327.6	327.4	327.0	326.7	326.3	325.9	326.3	326.7	327.0	327.4	327.6
145°	341.3	341.2	340.9	340.7	340.4	340.2	340.4	340.7	340.9	341.2	341.3
147.5°	354.9	354.6	354.0	353.4	352.8	352.2	352.8	353.4	354.0	354.6	354.9
150°	366.6	366.5	366.4	366.2	366.1	365.9	366.1	366.2	366.4	366.5	366.6
152.5°	378.5	378.4	378.1	377.8	377.5	377.2	377.5	377.8	378.1	378.4	378.5
155°	389.5	389.3	388.9	388.6	388.2	387.8	388.2	388.6	388.9	389.3	389.5
157.5°	399.0	398.7	398.2	397.7	397.2	396.7	397.2	397.7	398.2	398.7	399.0
160°	407.6	407.4	407.0	406.7	406.3	405.9	406.3	406.7	407.0	407.4	407.6
162.5°	415.8	415.6	415.1	414.6	414.2	413.7	414.2	414.6	415.1	415.6	415.8
165°	422.6	422.4	421.9	421.5	421.0	420.6	421.0	421.5	421.9	422.4	422.6
167.5°	428.5	428.3	427.8	427.3	426.9	426.4	426.9	427.3	427.8	428.3	428.5
170°	433.2	432.9	432.4	431.9	431.3	430.8	431.3	431.9	432.4	432.9	433.2
172.5°	436.7	436.5	436.0	435.5	435.1	434.6	435.1	435.5	436.0	436.5	436.7
175°	439.1	438.8	438.3	437.8	437.2	436.7	437.2	437.8	438.3	438.8	439.1
177.5°	440.4	440.1	439.6	439.1	438.5	438.0	438.5	439.1	439.6	440.1	440.4
180°	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4

TEST NUMBER: P1027431

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A1

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°	7.0	6.6	6.3	5.9	5.5	5.0	4.4	3.9	3.4	3.1	2.8
92.5°	17.1	16.6	16.1	15.5	15.0	14.3	13.7	13.0	12.3	12.0	11.8
95°	28.4	27.9	27.4	26.8	26.3	25.5	24.8	24.0	23.3	22.9	22.8
97.5°	41.2	40.7	40.2	39.8	39.3	38.2	37.2	36.1	35.0	34.5	34.5
100°	55.1	54.4	53.7	53.0	52.3	51.3	50.3	49.4	48.4	47.9	47.9
102.5°	69.0	68.3	67.5	66.8	66.0	65.6	65.2	64.9	64.5	64.3	64.1
105°	83.6	83.1	82.6	82.2	81.7	81.3	80.8	80.4	79.9	79.7	79.5
107.5°	99.1	98.8	98.6	98.3	98.1	97.7	97.3	97.0	96.6	96.4	96.2
110°	115.8	115.6	115.3	115.1	114.9	114.7	114.5	114.2	114.0	113.9	113.7

TEST NUMBER: P1027431

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	132.3	132.2	132.1	132.1	132.0	131.7	131.4	131.1	130.8	130.6	130.5
115°	149.1	149.2	149.3	149.3	149.4	149.2	149.1	148.9	148.8	148.7	148.6
117.5°	166.5	166.4	166.3	166.3	166.2	166.0	165.9	165.7	165.6	165.5	165.5
120°	183.6	183.6	183.6	183.6	183.6	183.5	183.5	183.4	183.3	183.3	183.1
122.5°	200.4	200.5	200.6	200.6	200.7	200.5	200.3	200.0	199.8	199.7	199.7
125°	216.9	217.0	217.2	217.3	217.5	217.4	217.3	217.2	217.1	217.1	216.9
127.5°	233.5	233.6	233.7	233.8	233.9	233.8	233.7	233.6	233.5	233.5	233.4
130°	250.0	250.1	250.2	250.2	250.3	250.1	250.0	249.8	249.7	249.6	249.4
132.5°	265.7	265.8	265.9	265.9	266.0	266.1	266.2	266.3	266.4	266.4	266.1
135°	282.1	282.1	282.1	282.1	282.1	282.0	282.0	281.9	281.8	281.8	281.6
137.5°	298.2	298.1	298.0	297.9	297.8	297.6	297.5	297.3	297.2	297.1	296.9
140°	313.1	313.0	312.8	312.7	312.5	312.3	312.1	311.8	311.6	311.5	311.3
142.5°	327.6	327.5	327.4	327.3	327.2	326.9	326.6	326.3	326.0	325.9	325.7
145°	341.3	341.3	341.3	341.3	341.3	341.1	340.8	340.6	340.3	340.2	340.1
147.5°	354.8	354.6	354.3	354.1	353.9	353.7	353.6	353.4	353.3	353.2	353.1
150°	366.6	366.6	366.6	366.6	366.6	366.3	366.0	365.7	365.4	365.2	365.2
152.5°	378.4	378.2	377.9	377.7	377.5	377.4	377.4	377.3	377.2	377.2	377.1
155°	389.3	389.0	388.7	388.4	388.1	388.0	388.0	387.9	387.8	387.8	387.8
157.5°	398.9	398.6	398.3	398.0	397.7	397.6	397.5	397.4	397.3	397.3	397.4
160°	407.4	407.1	406.8	406.5	406.2	406.1	406.1	406.0	405.9	405.9	406.0
162.5°	415.6	415.2	414.9	414.5	414.1	414.1	414.1	414.1	414.1	414.1	414.2
165°	422.5	422.2	421.9	421.6	421.3	421.2	421.1	421.0	420.9	420.9	421.0
167.5°	428.3	427.8	427.3	426.9	426.4	426.4	426.4	426.4	426.4	426.4	426.6
170°	433.0	432.5	432.1	431.6	431.2	431.2	431.2	431.2	431.2	431.2	431.4
172.5°	436.5	436.0	435.5	435.1	434.6	434.6	434.6	434.6	434.6	434.6	434.8
175°	438.9	438.4	437.9	437.5	437.0	437.0	437.0	437.0	437.0	437.0	437.2
177.5°	440.2	439.7	439.3	438.8	438.4	438.5	438.5	438.6	438.7	438.7	438.9
180°	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4	439.4

TEST NUMBER: P1027431

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A1

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°	2.2	1.5	0.9	0.3
92.5°	11.4	11.1	10.7	10.3
95°	22.7	22.5	22.4	22.2
97.5°	34.4	34.3	34.3	34.2
100°	47.9	47.9	47.9	47.9
102.5°	63.7	63.4	63.0	62.6
105°	79.1	78.8	78.4	78.0
107.5°	95.8	95.5	95.1	94.7
110°	113.3	113.0	112.6	112.2

TEST NUMBER: P1027431

CATALOG NUMBER: S125DIP-B1090D375UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	130.4	130.2	130.1	129.9
115°	148.3	148.0	147.7	147.4
117.5°	165.4	165.3	165.3	165.2
120°	182.7	182.4	182.0	181.6
122.5°	199.6	199.5	199.5	199.4
125°	216.4	216.0	215.5	215.1
127.5°	233.2	232.9	232.7	232.5
130°	249.0	248.7	248.3	247.9
132.5°	265.4	264.7	264.0	263.3
135°	281.1	280.6	280.2	279.7
137.5°	296.4	296.0	295.5	295.1
140°	310.9	310.6	310.2	309.8
142.5°	325.4	325.1	324.8	324.5
145°	339.8	339.5	339.2	338.9
147.5°	352.9	352.6	352.4	352.2
150°	365.3	365.4	365.4	365.5
152.5°	377.0	376.8	376.7	376.5
155°	387.8	387.8	387.8	387.8
157.5°	397.5	397.7	397.8	398.0
160°	406.2	406.5	406.7	406.9
162.5°	414.3	414.5	414.6	414.8
165°	421.1	421.3	421.4	421.6
167.5°	426.9	427.2	427.5	427.8
170°	431.7	432.0	432.3	432.6
172.5°	435.1	435.4	435.7	436.0
175°	437.5	437.8	438.1	438.4
177.5°	439.2	439.5	439.8	440.1
180°	439.4	439.4	439.4	439.4

(END OF REPORT)