

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: P1027707

Luminaire Tested: S125DIP-B1270D850UB27-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027707
REPORT IS A COMBINATION OF REPORTS P1001760 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B1270D850UB27-4F0-XX-W2A-A1
Description: Define 5 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

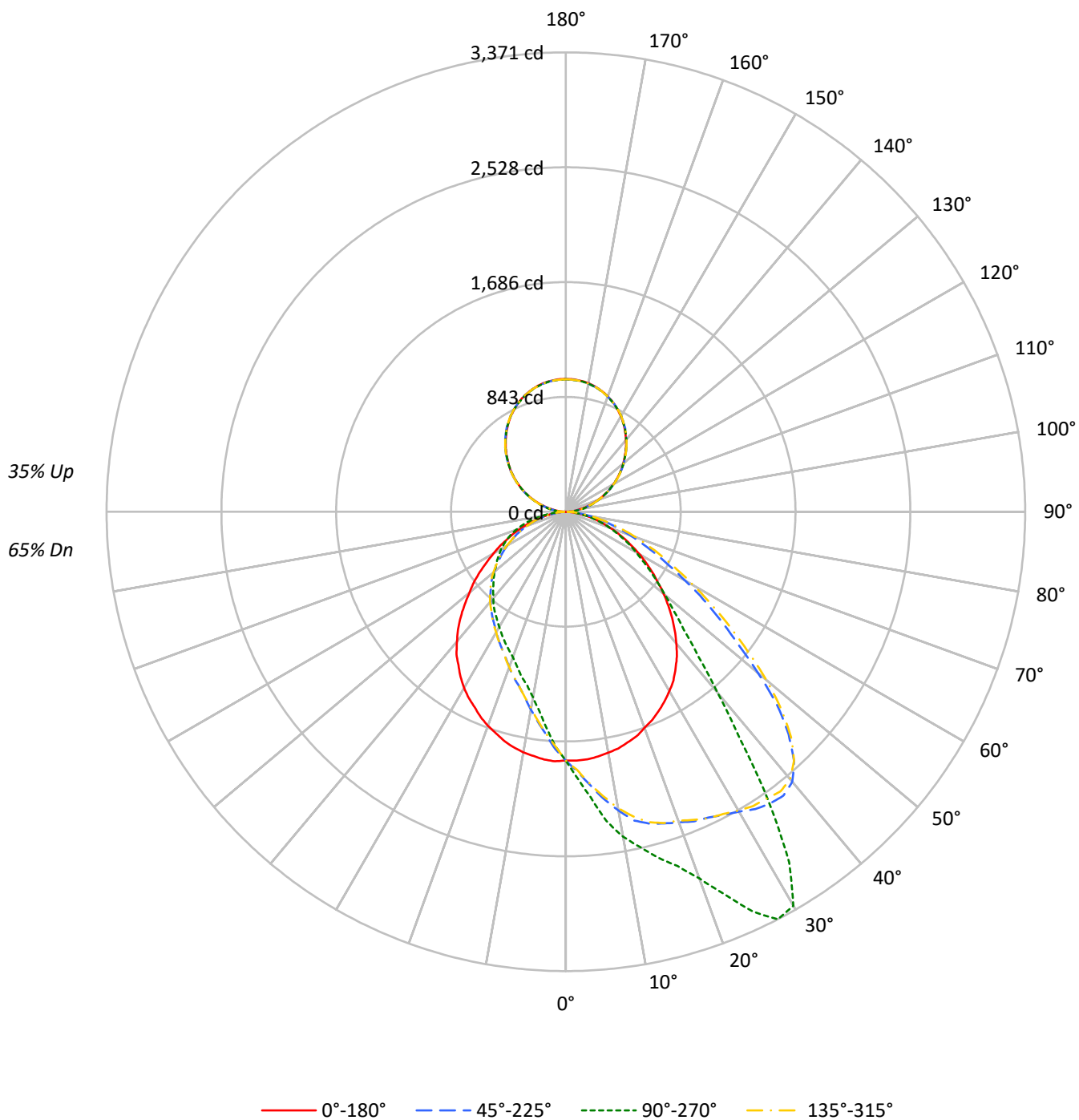
Lumens per Lamp: N/A
Luminaire Lumens: 7867.0 lumens
Efficiency: N/A
Efficacy: 95.5 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 82.4
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	111	111	111	111	104	104	104	104	92	92	92	81	81	81	70	70	70
1	102	97	93	90	95	92	88	85	81	79	76	72	70	68	63	61	60
2	93	85	79	74	87	80	75	70	71	67	64	63	60	57	56	53	51
3	85	75	68	62	79	71	64	59	63	58	54	56	52	49	49	46	44
4	78	67	59	53	73	63	56	50	56	51	46	50	46	42	44	41	38
5	71	60	51	45	67	57	49	44	51	45	40	45	40	36	40	36	33
6	66	54	45	39	62	51	43	38	46	40	35	41	36	32	36	32	29
7	61	49	40	35	57	46	39	33	42	35	31	37	32	28	33	29	26
8	57	44	36	31	53	42	35	30	38	32	28	34	29	25	30	26	23
9	53	40	33	28	50	38	31	27	35	29	25	31	26	23	28	24	21
10	49	37	30	25	47	35	29	24	32	26	22	29	24	21	26	22	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11693	11693	11693	11693
5°	11702	13265	11712	10064
10°	11631	15119	11611	8638
15°	11545	16393	11474	7805
20°	11400	17965	11295	7125
25°	11270	20584	11065	6723
30°	11084	21716	10892	6358
35°	10790	17407	10564	6066
40°	10331	12031	10179	5757
45°	9751	8957	9642	5499
50°	9088	7374	8938	5293
55°	8372	6289	8305	5114
60°	7669	5384	7535	4975
65°	6911	4649	6799	4773
70°	6111	3859	6028	4421
75°	5262	2985	5192	3838
80°	4156	2019	4004	2821
85°	2659	1009	2567	1438

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 17860 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	175.7	2.2
10°-20°	523.2	6.7
20°-30°	849.8	10.8
30°-40°	1038.7	13.2
40°-50°	942.1	12.0
50°-60°	750.4	9.5
60°-70°	522.6	6.6
70°-80°	278.4	3.5
80°-90°	70.6	0.9
90°-100°	64.7	0.8
100°-110°	192.2	2.4
110°-120°	326.0	4.1
120°-130°	429.1	5.5
130°-140°	480.9	6.1
140°-150°	471.4	6.0
150°-160°	395.9	5.0
160°-170°	263.2	3.3
170°-180°	92.1	1.2
0°-30°	1548.7	19.7
0°-40°	2587.3	32.9
0°-60°	4279.9	54.4
0°-90°	5151.5	65.5
90°-120°	582.9	7.4
90°-150°	1964.3	25.0
90°-180°	2715.0	34.5
0°-180°	7867.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1825	1825	1825	1825	1825	
5°	1824	2106	1825	1597	1824	173
15°	1752	2629	1741	1252	1752	495
25°	1613	3235	1583	1057	1613	743
35°	1404	2597	1374	905	1404	877
45°	1103	1224	1091	751	1103	850
55°	776	754	770	614	776	694
65°	480	463	472	476	480	477
75°	232	228	229	293	232	247
85°	46	51	45	73	46	56
90°	1	18	1	18	1	7
95°	49	65	49	65	49	51
105°	173	188	173	188	173	184
115°	326	329	326	329	326	323
125°	476	479	476	479	476	427
135°	619	622	619	622	619	477
145°	750	753	750	753	750	469
155°	859	859	859	859	859	396
165°	934	931	934	931	934	263
175°	971	967	971	967	971	92
180°	973	973	973	973	973	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0
2.5°	1828.1	1839.0	1851.4	1860.7	1876.2	1880.8	1888.6	1893.2	1897.9	1902.5	1905.6
5°	1823.5	1849.8	1873.1	1890.1	1919.5	1930.4	1944.3	1961.4	1981.5	1998.6	2009.4
7.5°	1811.1	1852.9	1883.9	1918.0	1958.3	1984.6	1998.6	2034.2	2066.7	2091.5	2124.0
10°	1795.6	1845.2	1893.2	1944.3	2001.7	2031.1	2059.0	2108.6	2153.5	2193.8	2226.3
12.5°	1778.6	1839.0	1896.3	1962.9	2040.4	2076.0	2094.6	2179.8	2235.6	2257.3	2320.8
15°	1752.2	1823.5	1905.6	1987.7	2052.8	2094.6	2145.7	2213.9	2269.7	2317.7	2368.8
17.5°	1727.4	1804.9	1888.6	1980.0	2074.5	2128.7	2167.4	2227.9	2288.3	2350.2	2398.3
20°	1687.2	1787.9	1873.1	1970.7	2082.2	2121.0	2161.2	2232.5	2297.6	2364.2	2424.6
22.5°	1654.6	1750.7	1866.9	1959.8	2054.3	2093.1	2142.6	2217.0	2294.5	2370.4	2458.7
25°	1612.8	1719.7	1820.4	1919.5	2017.1	2059.0	2103.9	2200.0	2280.5	2378.1	2475.7
27.5°	1567.9	1677.9	1778.6	1868.4	1959.8	2017.1	2065.2	2165.9	2272.8	2379.7	2506.7
30°	1519.8	1623.6	1719.7	1808.0	1908.7	1967.6	2015.6	2133.3	2252.6	2389.0	2540.8
32.5°	1468.7	1566.3	1648.4	1738.3	1845.2	1899.4	1964.5	2093.1	2234.0	2396.7	2587.3
35°	1403.6	1496.6	1569.4	1660.8	1767.7	1837.4	1905.6	2049.7	2213.9	2395.2	2613.6
37.5°	1338.6	1411.4	1481.1	1578.7	1702.6	1766.2	1837.4	1995.5	2182.9	2390.5	2624.5
40°	1261.1	1332.4	1392.8	1491.9	1622.1	1694.9	1769.3	1935.0	2147.3	2373.5	2585.7
42.5°	1183.6	1244.1	1310.7	1414.5	1540.0	1617.4	1696.5	1880.8	2100.8	2323.9	2478.8
45°	1103.1	1149.6	1222.4	1316.9	1450.1	1524.5	1614.3	1814.2	2035.7	2234.0	2311.5
47.5°	1019.4	1065.9	1134.1	1225.5	1357.2	1445.5	1530.7	1730.5	1953.6	2107.0	2107.0
50°	938.9	976.0	1042.7	1134.1	1267.3	1347.9	1434.6	1646.9	1826.6	1939.7	1839.0
52.5°	852.1	893.9	949.7	1045.8	1177.4	1250.3	1344.8	1526.0	1696.5	1742.9	1588.0
55°	776.2	810.3	862.9	954.4	1076.7	1152.7	1233.2	1406.7	1550.8	1547.7	1381.9
57.5°	697.2	725.1	780.8	864.5	977.6	1045.8	1126.3	1276.6	1394.3	1352.5	1196.0
60°	624.4	644.5	698.7	766.9	875.3	938.9	1016.3	1138.7	1228.6	1169.7	1011.7
62.5°	548.4	571.7	615.1	681.7	777.7	828.9	886.2	1010.1	1067.4	1014.8	853.6
65°	480.3	498.9	537.6	593.4	680.1	726.6	776.2	878.4	932.7	856.7	723.5
67.5°	412.1	433.8	461.7	511.3	579.4	622.8	666.2	754.5	779.3	711.1	599.6
70°	348.6	367.2	393.5	429.1	486.5	525.2	557.7	630.6	647.6	584.1	495.8
72.5°	286.6	299.0	320.7	350.1	402.8	424.5	458.6	508.2	529.9	472.5	409.0
75°	232.4	241.7	255.6	277.3	313.0	336.2	364.1	410.6	409.0	368.7	323.8
77.5°	179.7	181.3	196.8	216.9	238.6	258.7	272.7	305.2	308.3	283.5	246.3
80°	128.6	133.2	139.4	154.9	173.5	181.3	198.3	218.4	221.5	203.0	178.2
82.5°	82.1	85.2	89.9	99.2	111.5	120.8	130.1	137.9	145.6	134.8	114.6
85°	46.5	48.0	52.7	55.8	62.0	66.6	74.4	82.1	80.6	72.8	66.6
87.5°	23.2	23.2	23.2	26.3	29.4	29.4	32.5	34.1	35.6	32.5	29.4
90°	0.8	2.1	3.5	4.8	6.1	6.8	7.4	8.6	9.7	10.9	12.1
92.5°	22.7	23.5	24.4	25.2	26.1	26.5	27.3	28.8	30.3	31.8	33.3
95°	49.2	49.5	49.9	50.2	50.5	50.7	51.5	53.2	54.9	56.6	58.3
97.5°	75.7	75.9	76.1	76.2	76.4	76.5	77.7	80.0	82.4	84.7	87.1
100°	106.0	106.0	106.0	106.0	106.0	106.0	107.1	109.3	111.4	113.6	115.8
102.5°	138.6	139.4	140.2	141.1	141.9	142.3	142.7	143.6	144.4	145.3	146.1
105°	172.6	173.4	174.3	175.1	176.0	176.4	176.9	177.9	179.0	180.0	181.0
107.5°	209.7	210.5	211.4	212.2	213.1	213.5	213.9	214.8	215.6	216.5	217.3
110°	248.4	249.2	250.0	250.9	251.7	252.1	252.4	252.9	253.4	253.9	254.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	287.7	288.0	288.4	288.7	289.0	289.2	289.5	290.2	290.9	291.6	292.3
115°	326.3	327.0	327.7	328.4	329.1	329.4	329.6	329.9	330.2	330.6	330.9
117.5°	365.7	365.9	366.1	366.2	366.4	366.5	366.7	367.0	367.3	367.7	368.0
120°	402.1	402.9	403.7	404.6	405.4	405.8	405.9	406.1	406.2	406.4	406.6
122.5°	441.4	441.6	441.8	441.9	442.1	442.2	442.5	443.0	443.5	444.0	444.5
125°	476.3	477.3	478.3	479.3	480.3	480.8	480.9	481.1	481.2	481.4	481.6
127.5°	514.9	515.4	515.9	516.4	516.9	517.2	517.3	517.4	517.6	517.7	517.9
130°	549.0	549.8	550.6	551.5	552.3	552.7	552.9	553.2	553.6	553.9	554.3
132.5°	583.0	584.5	586.0	587.5	589.0	589.8	589.7	589.6	589.4	589.3	589.1
135°	619.4	620.4	621.4	622.4	623.4	623.9	624.0	624.2	624.3	624.5	624.7
137.5°	653.4	654.4	655.4	656.5	657.5	658.0	658.2	658.5	658.8	659.2	659.5
140°	686.0	686.8	687.7	688.5	689.4	689.8	690.1	690.6	691.1	691.6	692.1
142.5°	718.6	719.3	719.9	720.6	721.3	721.6	721.9	722.6	723.3	723.9	724.6
145°	750.4	751.1	751.7	752.4	753.1	753.4	753.7	754.2	754.7	755.2	755.7
147.5°	779.9	780.4	780.9	781.4	781.9	782.2	782.4	782.7	783.0	783.4	783.7
150°	809.4	809.2	809.1	808.9	808.8	808.7	809.0	809.7	810.4	811.0	811.7
152.5°	833.7	834.0	834.4	834.7	835.0	835.2	835.3	835.4	835.6	835.7	835.9
155°	858.6	858.6	858.6	858.6	858.6	858.6	858.7	858.9	859.0	859.2	859.4
157.5°	881.4	881.0	880.7	880.3	880.0	879.8	879.9	880.1	880.2	880.4	880.6
160°	901.0	900.5	900.0	899.5	899.0	898.8	898.9	899.0	899.2	899.3	899.5
162.5°	918.5	918.1	917.8	917.4	917.1	916.9	916.9	916.9	916.9	916.9	916.9
165°	933.6	933.3	932.9	932.6	932.3	932.1	932.2	932.3	932.5	932.6	932.8
167.5°	947.2	946.5	945.9	945.2	944.5	944.2	944.2	944.2	944.2	944.2	944.2
170°	957.8	957.1	956.5	955.8	955.1	954.8	954.8	954.8	954.8	954.8	954.8
172.5°	965.4	964.7	964.1	963.4	962.7	962.4	962.4	962.4	962.4	962.4	962.4
175°	970.7	970.0	969.4	968.7	968.0	967.7	967.7	967.7	967.7	967.7	967.7
177.5°	974.5	973.8	973.2	972.5	971.8	971.5	971.4	971.2	971.1	970.9	970.7
180°	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0
2.5°	1908.7	1919.5	1928.8	1936.6	1942.8	1952.1	1945.9	1947.4	1950.5	1956.7	1956.7
5°	2032.6	2049.7	2059.0	2090.0	2097.7	2096.2	2091.5	2116.3	2114.8	2105.5	2103.9
7.5°	2153.5	2182.9	2209.3	2234.0	2241.8	2261.9	2266.6	2277.4	2274.3	2289.8	2282.1
10°	2263.5	2310.0	2334.8	2371.9	2381.2	2390.5	2402.9	2409.1	2423.1	2421.5	2421.5
12.5°	2348.7	2404.5	2437.0	2446.3	2481.9	2492.8	2503.6	2523.8	2519.1	2520.7	2530.0
15°	2415.3	2469.5	2497.4	2540.8	2565.6	2578.0	2596.6	2618.3	2615.2	2629.1	2626.0
17.5°	2464.9	2516.0	2567.1	2632.2	2633.8	2666.3	2709.7	2719.0	2739.1	2725.2	2725.2
20°	2505.2	2573.3	2646.2	2729.8	2739.1	2759.3	2811.9	2847.6	2870.8	2863.1	2867.7
22.5°	2548.5	2646.2	2731.4	2815.0	2860.0	2895.6	2946.7	3002.5	3022.6	3035.0	3031.9
25°	2604.3	2706.6	2832.1	2948.3	2994.7	3062.9	3131.1	3185.3	3200.8	3234.9	3203.9
27.5°	2661.6	2805.7	2962.2	3098.5	3157.4	3213.2	3295.3	3335.6	3355.7	3371.2	3360.4
30°	2709.7	2908.0	3078.4	3203.9	3245.7	3278.3	3324.7	3334.0	3326.3	3338.7	3354.2
32.5°	2784.0	2977.7	3121.8	3182.2	3177.6	3176.0	3140.4	3090.8	3079.9	3050.5	3090.8
35°	2824.3	2979.2	3035.0	2954.5	2921.9	2863.1	2750.0	2675.6	2610.5	2596.6	2599.7
37.5°	2801.1	2861.5	2794.9	2582.6	2530.0	2440.1	2289.8	2184.5	2136.4	2099.3	2147.3
40°	2675.6	2609.0	2426.2	2167.4	2091.5	2006.3	1865.3	1808.0	1739.8	1725.9	1789.4
42.5°	2468.0	2265.0	2006.3	1806.4	1727.4	1679.4	1561.7	1507.4	1459.4	1437.7	1473.4
45°	2186.0	1939.7	1679.4	1515.2	1448.6	1391.2	1321.5	1264.2	1233.2	1223.9	1253.4
47.5°	1894.8	1634.5	1426.9	1304.5	1234.8	1191.4	1126.3	1093.8	1069.0	1072.1	1076.7
50°	1615.9	1378.9	1219.3	1096.9	1062.8	1028.7	985.3	957.4	945.1	949.7	946.6
52.5°	1375.8	1183.6	1048.9	954.4	938.9	906.3	870.7	847.5	842.8	844.4	849.0
55°	1165.1	1014.8	907.9	839.7	822.7	799.4	777.7	762.2	749.8	754.5	752.9
57.5°	1005.5	873.8	791.7	735.9	723.5	709.6	689.4	681.7	677.0	667.7	675.5
60°	864.5	757.6	686.3	652.2	641.4	632.1	610.4	601.1	598.0	593.4	605.8
62.5°	731.3	655.3	601.1	570.1	559.3	550.0	539.1	531.4	532.9	526.8	532.9
65°	625.9	563.9	525.2	497.3	483.4	477.2	475.6	463.2	461.7	463.2	464.8
67.5°	528.3	475.6	446.2	429.1	418.3	412.1	407.5	399.7	405.9	401.3	404.4
70°	440.0	404.4	373.4	356.3	351.7	353.2	345.5	342.4	343.9	340.8	343.9
72.5°	354.8	325.3	313.0	300.6	294.4	292.8	288.2	283.5	288.2	286.6	286.6
75°	283.5	261.8	247.9	240.1	240.1	237.0	229.3	229.3	229.3	227.7	229.3
77.5°	218.4	199.9	193.7	185.9	185.9	181.3	179.7	179.7	176.6	181.3	178.2
80°	162.7	148.7	139.4	134.8	134.8	133.2	130.1	128.6	130.1	128.6	128.6
82.5°	105.4	99.2	94.5	89.9	88.3	89.9	88.3	85.2	86.8	85.2	88.3
85°	60.4	54.2	54.2	51.1	52.7	49.6	51.1	48.0	46.5	51.1	48.0
87.5°	26.3	24.8	24.8	21.7	21.7	21.7	20.1	21.7	20.1	18.6	20.1
90°	12.9	13.8	14.6	15.5	15.9	16.2	16.7	17.2	17.7	18.2	17.7
92.5°	34.5	35.7	36.8	38.0	38.6	38.8	39.1	39.4	39.8	40.1	39.8
95°	59.5	60.7	61.8	63.0	63.6	63.8	64.1	64.4	64.8	65.1	64.8
97.5°	88.1	89.1	90.1	91.1	91.6	91.7	91.9	92.0	92.2	92.4	92.2
100°	117.3	118.9	120.4	121.9	122.7	122.9	123.2	123.5	123.9	124.2	123.9
102.5°	147.8	149.5	151.2	152.9	153.7	154.0	154.5	155.0	155.5	156.0	155.5
105°	182.0	183.0	184.0	185.0	185.5	185.8	186.3	186.8	187.3	187.8	187.3
107.5°	217.8	218.3	218.8	219.3	219.6	219.6	219.6	219.6	219.6	219.6	219.6
110°	254.9	255.4	255.9	256.4	256.7	256.6	256.4	256.3	256.1	255.9	256.1

TEST NUMBER: P1027707

CATALOG NUMBER: S125DIP-B1270D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	292.5	292.6	292.8	292.9	293.0	292.8	292.5	292.2	291.8	291.5	291.8
115°	330.7	330.5	330.4	330.2	330.1	330.0	329.9	329.7	329.6	329.4	329.6
117.5°	368.2	368.3	368.5	368.6	368.7	368.4	367.7	367.0	366.4	365.7	366.4
120°	406.6	406.6	406.6	406.6	406.6	406.3	405.6	404.9	404.3	403.6	404.3
122.5°	444.3	444.1	444.0	443.8	443.7	443.4	442.9	442.4	441.9	441.4	441.9
125°	481.2	480.9	480.5	480.2	480.0	479.9	479.8	479.6	479.5	479.3	479.5
127.5°	517.7	517.6	517.4	517.3	517.2	517.0	516.7	516.3	516.0	515.6	516.0
130°	554.1	553.9	553.8	553.6	553.5	553.3	553.0	552.7	552.3	552.0	552.3
132.5°	588.9	588.7	588.6	588.4	588.3	588.1	587.6	587.1	586.6	586.1	586.6
135°	624.7	624.7	624.7	624.7	624.7	624.4	623.7	623.0	622.3	621.6	622.3
137.5°	659.7	659.9	660.0	660.2	660.3	659.9	659.0	658.2	657.3	656.5	657.3
140°	692.4	692.8	693.1	693.4	693.6	693.2	692.3	691.5	690.6	689.8	690.6
142.5°	724.8	725.0	725.1	725.3	725.4	725.0	724.1	723.3	722.4	721.6	722.4
145°	755.7	755.7	755.7	755.7	755.7	755.4	754.9	754.4	753.9	753.4	753.9
147.5°	784.2	784.7	785.2	785.7	785.9	785.2	783.9	782.6	781.2	779.9	781.2
150°	811.7	811.7	811.7	811.7	811.7	811.5	811.2	810.9	810.5	810.2	810.5
152.5°	836.4	836.9	837.4	837.9	838.2	837.9	837.2	836.5	835.9	835.2	835.9
155°	860.1	860.7	861.4	862.1	862.4	862.0	861.1	860.3	859.4	858.6	859.4
157.5°	881.3	881.9	882.6	883.3	883.6	883.0	881.8	880.7	879.5	878.3	879.5
160°	900.2	900.9	901.6	902.3	902.6	902.2	901.3	900.5	899.6	898.8	899.6
162.5°	917.7	918.6	919.4	920.3	920.7	920.2	919.2	918.2	917.2	916.2	917.2
165°	933.5	934.2	934.9	935.6	935.9	935.4	934.4	933.3	932.3	931.3	932.3
167.5°	945.2	946.2	947.2	948.2	948.7	948.2	947.2	946.2	945.2	944.2	945.2
170°	955.8	956.8	957.8	958.8	959.3	958.7	957.5	956.4	955.2	954.0	955.2
172.5°	963.4	964.4	965.4	966.4	966.9	966.4	965.4	964.4	963.4	962.4	963.4
175°	968.7	969.7	970.7	971.7	972.2	971.6	970.4	969.3	968.1	966.9	968.1
177.5°	971.7	972.7	973.7	974.7	975.2	974.6	973.4	972.3	971.1	969.9	971.1
180°	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0

TEST NUMBER: P1027707

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0
2.5°	1953.6	1942.8	1945.9	1942.8	1935.0	1930.4	1918.0	1902.5	1896.3	1888.6	1883.9
5°	2110.1	2102.4	2100.8	2088.4	2085.3	2066.7	2035.7	2020.2	2001.7	1983.1	1964.5
7.5°	2280.5	2271.2	2240.2	2235.6	2238.7	2215.5	2175.2	2144.2	2105.5	2079.1	2043.5
10°	2421.5	2402.9	2376.6	2378.1	2367.3	2336.3	2296.0	2263.5	2207.7	2173.6	2122.5
12.5°	2506.7	2491.2	2488.1	2472.6	2463.3	2423.1	2375.0	2333.2	2291.4	2244.9	2206.2
15°	2610.5	2590.4	2576.4	2554.7	2548.5	2506.7	2454.0	2406.0	2358.0	2314.6	2232.5
17.5°	2725.2	2703.5	2650.8	2646.2	2609.0	2568.7	2517.6	2446.3	2395.2	2333.2	2272.8
20°	2855.3	2824.3	2756.2	2739.1	2709.7	2643.1	2573.3	2494.3	2412.2	2348.7	2277.4
22.5°	3000.9	2946.7	2897.1	2842.9	2821.2	2739.1	2643.1	2547.0	2447.8	2361.1	2275.9
25°	3189.9	3118.7	3049.0	2994.7	2957.6	2850.7	2722.1	2595.0	2480.4	2367.3	2255.7
27.5°	3338.7	3276.7	3200.8	3129.5	3081.5	2954.5	2807.3	2643.1	2500.5	2362.6	2243.3
30°	3349.5	3330.9	3284.5	3245.7	3193.0	3056.7	2894.0	2708.1	2531.5	2364.2	2218.6
32.5°	3146.6	3183.8	3203.9	3210.1	3199.2	3120.2	2971.5	2767.0	2559.4	2350.2	2196.9
35°	2709.7	2808.8	2931.2	2977.7	3022.6	3064.5	2987.0	2808.8	2568.7	2347.1	2162.8
37.5°	2230.9	2320.8	2523.8	2616.7	2669.4	2835.2	2898.7	2802.6	2587.3	2350.2	2130.2
40°	1800.3	1942.8	2088.4	2213.9	2296.0	2481.9	2678.7	2700.4	2560.9	2320.8	2088.4
42.5°	1515.2	1598.8	1708.8	1825.0	1897.9	2117.9	2384.3	2540.8	2478.8	2272.8	2037.3
45°	1290.5	1352.5	1456.3	1495.0	1588.0	1798.7	2080.7	2306.9	2337.8	2196.9	1978.4
47.5°	1107.7	1160.4	1227.0	1275.0	1349.4	1507.4	1746.0	1995.5	2144.2	2093.1	1896.3
50°	976.0	1019.4	1075.2	1103.1	1151.1	1293.6	1473.4	1721.2	1921.1	1938.1	1789.4
52.5°	866.0	890.8	934.2	965.2	1003.9	1090.7	1253.4	1457.9	1682.5	1775.5	1657.7
55°	770.0	790.1	828.9	849.0	869.1	943.5	1070.5	1256.5	1467.2	1589.6	1522.9
57.5°	683.2	700.3	732.8	751.4	762.2	833.5	931.1	1076.7	1265.8	1414.5	1377.3
60°	612.0	627.5	646.0	660.0	672.4	731.3	799.4	917.2	1086.0	1230.1	1220.8
62.5°	536.0	550.0	570.1	584.1	594.9	632.1	689.4	779.3	923.4	1056.6	1082.9
65°	469.4	480.3	494.2	500.4	514.4	542.2	588.7	669.3	787.0	906.3	924.9
67.5°	409.0	412.1	421.4	435.3	438.4	463.2	505.1	565.5	656.9	754.5	783.9
70°	343.9	348.6	356.3	367.2	373.4	388.9	424.5	464.8	543.8	629.0	650.7
72.5°	286.6	292.8	295.9	302.1	305.2	330.0	345.5	385.8	440.0	511.3	534.5
75°	232.4	238.6	240.1	243.2	246.3	257.2	278.9	303.7	348.6	395.1	426.0
77.5°	184.4	182.8	185.9	190.6	189.0	198.3	212.3	233.9	263.4	302.1	322.2
80°	130.1	130.1	134.8	139.4	137.9	147.2	151.8	167.3	192.1	216.9	224.6
82.5°	86.8	86.8	91.4	91.4	94.5	96.1	102.3	110.0	130.1	142.5	147.2
85°	49.6	49.6	51.1	51.1	51.1	54.2	58.9	62.0	68.2	75.9	79.0
87.5°	20.1	21.7	21.7	21.7	21.7	24.8	24.8	27.9	29.4	32.5	32.5
90°	17.2	16.7	16.2	15.9	15.5	14.6	13.8	12.9	12.1	10.9	9.7
92.5°	39.4	39.1	38.8	38.6	38.0	36.8	35.7	34.5	33.3	31.8	30.3
95°	64.4	64.1	63.8	63.6	63.0	61.8	60.7	59.5	58.3	56.6	54.9
97.5°	92.0	91.9	91.7	91.6	91.1	90.1	89.1	88.1	87.1	84.7	82.4
100°	123.5	123.2	122.9	122.7	121.9	120.4	118.9	117.3	115.8	113.6	111.4
102.5°	155.0	154.5	154.0	153.7	152.9	151.2	149.5	147.8	146.1	145.3	144.4
105°	186.8	186.3	185.8	185.5	185.0	184.0	183.0	182.0	181.0	180.0	179.0
107.5°	219.6	219.6	219.6	219.6	219.3	218.8	218.3	217.8	217.3	216.5	215.6
110°	256.3	256.4	256.6	256.7	256.4	255.9	255.4	254.9	254.4	253.9	253.4

TEST NUMBER: P1027707

CATALOG NUMBER: S125DIP-B1270D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	292.2	292.5	292.8	293.0	292.9	292.8	292.6	292.5	292.3	291.6	290.9
115°	329.7	329.9	330.0	330.1	330.2	330.4	330.5	330.7	330.9	330.6	330.2
117.5°	367.0	367.7	368.4	368.7	368.6	368.5	368.3	368.2	368.0	367.7	367.3
120°	404.9	405.6	406.3	406.6	406.6	406.6	406.6	406.6	406.6	406.4	406.2
122.5°	442.4	442.9	443.4	443.7	443.8	444.0	444.1	444.3	444.5	444.0	443.5
125°	479.6	479.8	479.9	480.0	480.2	480.5	480.9	481.2	481.6	481.4	481.2
127.5°	516.3	516.7	517.0	517.2	517.3	517.4	517.6	517.7	517.9	517.7	517.6
130°	552.7	553.0	553.3	553.5	553.6	553.8	553.9	554.1	554.3	553.9	553.6
132.5°	587.1	587.6	588.1	588.3	588.4	588.6	588.7	588.9	589.1	589.3	589.4
135°	623.0	623.7	624.4	624.7	624.7	624.7	624.7	624.7	624.7	624.5	624.3
137.5°	658.2	659.0	659.9	660.3	660.2	660.0	659.9	659.7	659.5	659.2	658.8
140°	691.5	692.3	693.2	693.6	693.4	693.1	692.8	692.4	692.1	691.6	691.1
142.5°	723.3	724.1	725.0	725.4	725.3	725.1	725.0	724.8	724.6	723.9	723.3
145°	754.4	754.9	755.4	755.7	755.7	755.7	755.7	755.7	755.7	755.2	754.7
147.5°	782.6	783.9	785.2	785.9	785.7	785.2	784.7	784.2	783.7	783.4	783.0
150°	810.9	811.2	811.5	811.7	811.7	811.7	811.7	811.7	811.7	811.0	810.4
152.5°	836.5	837.2	837.9	838.2	837.9	837.4	836.9	836.4	835.9	835.7	835.6
155°	860.3	861.1	862.0	862.4	862.1	861.4	860.7	860.1	859.4	859.2	859.0
157.5°	880.7	881.8	883.0	883.6	883.3	882.6	881.9	881.3	880.6	880.4	880.2
160°	900.5	901.3	902.2	902.6	902.3	901.6	900.9	900.2	899.5	899.3	899.2
162.5°	918.2	919.2	920.2	920.7	920.3	919.4	918.6	917.7	916.9	916.9	916.9
165°	933.3	934.4	935.4	935.9	935.6	934.9	934.2	933.5	932.8	932.6	932.5
167.5°	946.2	947.2	948.2	948.7	948.2	947.2	946.2	945.2	944.2	944.2	944.2
170°	956.4	957.5	958.7	959.3	958.8	957.8	956.8	955.8	954.8	954.8	954.8
172.5°	964.4	965.4	966.4	966.9	966.4	965.4	964.4	963.4	962.4	962.4	962.4
175°	969.3	970.4	971.6	972.2	971.7	970.7	969.7	968.7	967.7	967.7	967.7
177.5°	972.3	973.4	974.6	975.2	974.7	973.7	972.7	971.7	970.7	970.9	971.1
180°	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0

TEST NUMBER: P1027707

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0
2.5°	1877.7	1870.0	1860.7	1860.7	1849.8	1845.2	1835.9	1832.8	1825.0	1812.6	1803.4
5°	1944.3	1924.2	1911.8	1901.0	1877.7	1860.7	1843.6	1825.0	1806.4	1784.8	1760.0
7.5°	2009.4	1972.2	1955.2	1936.6	1902.5	1866.9	1832.8	1808.0	1783.2	1749.1	1718.1
10°	2077.6	2031.1	2000.1	1975.3	1922.6	1877.7	1828.1	1792.5	1753.8	1710.4	1670.1
12.5°	2134.9	2074.5	2048.1	2001.7	1941.2	1887.0	1825.0	1770.8	1719.7	1668.6	1619.0
15°	2182.9	2125.6	2060.5	2041.9	1958.3	1880.8	1811.1	1741.4	1677.9	1626.7	1569.4
17.5°	2198.4	2125.6	2093.1	2048.1	1949.0	1868.4	1780.1	1704.2	1643.8	1567.9	1522.9
20°	2203.1	2133.3	2088.4	2046.6	1958.3	1851.4	1764.6	1671.7	1598.8	1522.9	1451.7
22.5°	2190.7	2108.6	2065.2	2024.9	1925.7	1834.3	1733.6	1631.4	1546.2	1476.5	1405.2
25°	2167.4	2071.4	2029.5	1986.2	1891.7	1791.0	1681.0	1583.4	1504.3	1420.7	1351.0
27.5°	2136.4	2026.4	1978.4	1933.5	1840.5	1746.0	1642.2	1541.5	1453.2	1364.9	1299.8
30°	2097.7	1970.7	1927.3	1868.4	1778.6	1688.7	1594.2	1493.5	1394.3	1310.7	1239.4
32.5°	2048.1	1914.9	1857.6	1801.8	1704.2	1622.1	1532.2	1437.7	1341.7	1259.6	1185.2
35°	2003.2	1851.4	1787.9	1732.1	1623.6	1536.9	1462.5	1374.2	1289.0	1203.8	1137.2
37.5°	1942.8	1787.9	1711.9	1654.6	1544.6	1456.3	1386.6	1318.4	1228.6	1146.5	1084.5
40°	1879.3	1708.8	1637.6	1580.3	1465.6	1369.6	1302.9	1242.5	1169.7	1093.8	1028.7
42.5°	1821.9	1632.9	1557.0	1487.3	1371.1	1285.9	1217.7	1171.2	1104.6	1036.5	977.6
45°	1749.1	1552.4	1470.3	1397.4	1285.9	1192.9	1127.9	1090.7	1041.1	974.5	923.4
47.5°	1674.8	1465.6	1380.4	1309.1	1188.3	1106.2	1042.7	1007.0	972.9	920.3	869.1
50°	1577.2	1374.2	1296.7	1214.6	1095.3	1011.7	959.0	923.4	897.0	859.8	816.5
52.5°	1470.3	1279.7	1196.0	1124.8	1007.0	931.1	870.7	850.5	824.2	796.3	759.1
55°	1357.2	1177.4	1096.9	1027.2	918.7	841.3	791.7	770.0	749.8	728.2	703.4
57.5°	1244.1	1070.5	994.6	932.7	832.0	757.6	717.3	687.9	673.9	661.5	641.4
60°	1103.1	955.9	897.0	841.3	742.1	673.9	635.2	613.5	601.1	594.9	585.6
62.5°	979.1	858.3	793.2	739.0	660.0	599.6	562.4	545.3	534.5	531.4	520.6
65°	847.5	743.6	692.5	646.0	577.9	523.7	492.7	472.5	464.8	463.2	463.2
67.5°	723.5	639.8	588.7	556.2	497.3	449.3	419.9	412.1	407.5	401.3	399.7
70°	607.3	540.7	495.8	467.9	415.2	379.6	356.3	343.9	343.9	339.3	336.2
72.5°	505.1	438.4	409.0	385.8	342.4	311.4	294.4	291.3	280.4	278.9	278.9
75°	395.1	345.5	325.3	305.2	272.7	251.0	237.0	229.3	223.1	223.1	224.6
77.5°	297.5	263.4	244.8	229.3	206.1	192.1	181.3	178.2	172.0	172.0	172.0
80°	210.7	192.1	178.2	165.8	148.7	136.3	130.1	123.9	123.9	122.4	123.9
82.5°	136.3	120.8	113.1	111.5	96.1	91.4	83.7	85.2	80.6	79.0	82.1
85°	79.0	71.3	62.0	58.9	52.7	46.5	43.4	44.9	43.4	41.8	43.4
87.5°	31.0	26.3	24.8	24.8	20.1	18.6	17.0	18.6	15.5	15.5	17.0
90°	8.6	7.4	6.8	6.1	4.8	3.5	2.1	0.8	2.1	3.5	4.8
92.5°	28.8	27.3	26.5	26.1	25.2	24.4	23.5	22.7	23.5	24.4	25.2
95°	53.2	51.5	50.7	50.5	50.2	49.9	49.5	49.2	49.5	49.9	50.2
97.5°	80.0	77.7	76.5	76.4	76.2	76.1	75.9	75.7	75.9	76.1	76.2
100°	109.3	107.1	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0
102.5°	143.6	142.7	142.3	141.9	141.1	140.2	139.4	138.6	139.4	140.2	141.1
105°	177.9	176.9	176.4	176.0	175.1	174.3	173.4	172.6	173.4	174.3	175.1
107.5°	214.8	213.9	213.5	213.1	212.2	211.4	210.5	209.7	210.5	211.4	212.2
110°	252.9	252.4	252.1	251.7	250.9	250.0	249.2	248.4	249.2	250.0	250.9

TEST NUMBER: P1027707

CATALOG NUMBER: S125DIP-B1270D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	290.2	289.5	289.2	289.0	288.7	288.4	288.0	287.7	288.0	288.4	288.7
115°	329.9	329.6	329.4	329.1	328.4	327.7	327.0	326.3	327.0	327.7	328.4
117.5°	367.0	366.7	366.5	366.4	366.2	366.1	365.9	365.7	365.9	366.1	366.2
120°	406.1	405.9	405.8	405.4	404.6	403.7	402.9	402.1	402.9	403.7	404.6
122.5°	443.0	442.5	442.2	442.1	441.9	441.8	441.6	441.4	441.6	441.8	441.9
125°	481.1	480.9	480.8	480.3	479.3	478.3	477.3	476.3	477.3	478.3	479.3
127.5°	517.4	517.3	517.2	516.9	516.4	515.9	515.4	514.9	515.4	515.9	516.4
130°	553.2	552.9	552.7	552.3	551.5	550.6	549.8	549.0	549.8	550.6	551.5
132.5°	589.6	589.7	589.8	589.0	587.5	586.0	584.5	583.0	584.5	586.0	587.5
135°	624.2	624.0	623.9	623.4	622.4	621.4	620.4	619.4	620.4	621.4	622.4
137.5°	658.5	658.2	658.0	657.5	656.5	655.4	654.4	653.4	654.4	655.4	656.5
140°	690.6	690.1	689.8	689.4	688.5	687.7	686.8	686.0	686.8	687.7	688.5
142.5°	722.6	721.9	721.6	721.3	720.6	719.9	719.3	718.6	719.3	719.9	720.6
145°	754.2	753.7	753.4	753.1	752.4	751.7	751.1	750.4	751.1	751.7	752.4
147.5°	782.7	782.4	782.2	781.9	781.4	780.9	780.4	779.9	780.4	780.9	781.4
150°	809.7	809.0	808.7	808.8	808.9	809.1	809.2	809.4	809.2	809.1	808.9
152.5°	835.4	835.3	835.2	835.0	834.7	834.4	834.0	833.7	834.0	834.4	834.7
155°	858.9	858.7	858.6	858.6	858.6	858.6	858.6	858.6	858.6	858.6	858.6
157.5°	880.1	879.9	879.8	880.0	880.3	880.7	881.0	881.4	881.0	880.7	880.3
160°	899.0	898.9	898.8	899.0	899.5	900.0	900.5	901.0	900.5	900.0	899.5
162.5°	916.9	916.9	916.9	917.1	917.4	917.8	918.1	918.5	918.1	917.8	917.4
165°	932.3	932.2	932.1	932.3	932.6	932.9	933.3	933.6	933.3	932.9	932.6
167.5°	944.2	944.2	944.2	944.5	945.2	945.9	946.5	947.2	946.5	945.9	945.2
170°	954.8	954.8	954.8	955.1	955.8	956.5	957.1	957.8	957.1	956.5	955.8
172.5°	962.4	962.4	962.4	962.7	963.4	964.1	964.7	965.4	964.7	964.1	963.4
175°	967.7	967.7	967.7	968.0	968.7	969.4	970.0	970.7	970.0	969.4	968.7
177.5°	971.2	971.4	971.5	971.8	972.5	973.2	973.8	974.5	973.8	973.2	972.5
180°	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0

TEST NUMBER: P1027707

CATALOG NUMBER: S125DIP-B1270D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0
2.5°	1800.3	1797.2	1789.4	1784.8	1769.3	1750.7	1744.5	1729.0	1735.2	1724.3	1724.3
5°	1752.2	1738.3	1729.0	1715.0	1685.6	1665.5	1643.8	1632.9	1626.7	1619.0	1612.8
7.5°	1690.3	1679.4	1670.1	1643.8	1611.2	1583.4	1557.0	1546.2	1526.0	1512.1	1505.9
10°	1636.0	1620.5	1598.8	1567.9	1533.8	1498.1	1474.9	1451.7	1436.2	1428.4	1411.4
12.5°	1580.3	1561.7	1538.4	1493.5	1456.3	1434.6	1392.8	1371.1	1363.4	1357.2	1337.0
15°	1522.9	1502.8	1474.9	1433.1	1400.5	1349.4	1324.6	1307.6	1289.0	1287.4	1272.0
17.5°	1471.8	1447.0	1423.8	1372.7	1332.4	1287.4	1273.5	1254.9	1237.9	1219.3	1211.5
20°	1406.7	1383.5	1366.5	1310.7	1265.8	1237.9	1214.6	1199.1	1188.3	1169.7	1166.6
22.5°	1347.9	1323.1	1299.8	1258.0	1219.3	1183.6	1155.8	1138.7	1134.1	1126.3	1112.4
25°	1290.5	1265.8	1237.9	1199.1	1158.9	1134.1	1109.3	1098.4	1089.1	1076.7	1065.9
27.5°	1242.5	1219.3	1192.9	1144.9	1110.8	1092.2	1065.9	1053.5	1041.1	1034.9	1030.3
30°	1185.2	1158.9	1138.7	1101.5	1064.3	1039.6	1021.0	1010.1	999.3	993.1	990.0
32.5°	1129.4	1104.6	1090.7	1050.4	1021.0	991.5	977.6	969.8	963.6	957.4	951.3
35°	1084.5	1059.7	1038.0	1000.8	971.4	951.3	940.4	928.0	923.4	917.2	917.2
37.5°	1028.7	1010.1	988.4	952.8	926.5	911.0	901.7	886.2	884.6	881.5	876.9
40°	980.7	962.1	942.0	911.0	887.7	869.1	856.7	849.0	844.4	841.3	838.2
42.5°	929.6	909.4	900.1	864.5	844.4	825.8	819.6	811.8	810.3	804.1	796.3
45°	880.0	862.9	844.4	818.0	801.0	785.5	776.2	770.0	762.2	760.7	756.0
47.5°	836.6	816.5	799.4	774.6	756.0	743.6	735.9	728.2	722.0	717.3	712.7
50°	780.8	765.3	751.4	725.1	709.6	697.2	686.3	680.1	673.9	673.9	673.9
52.5°	726.6	712.7	700.3	681.7	663.1	652.2	639.8	635.2	632.1	627.5	632.1
55°	673.9	660.0	647.6	633.7	612.0	602.7	590.3	585.6	587.2	587.2	591.8
57.5°	618.2	607.3	599.6	582.5	562.4	553.1	545.3	540.7	540.7	546.9	548.4
60°	563.9	553.1	539.1	523.7	511.3	500.4	495.8	497.3	497.3	500.4	508.2
62.5°	503.5	497.3	489.6	467.9	460.1	452.4	446.2	450.8	449.3	457.0	467.9
65°	447.7	441.5	430.7	419.9	410.6	402.8	401.3	402.8	405.9	413.7	426.0
67.5°	385.8	385.8	376.5	367.2	359.4	351.7	353.2	354.8	357.9	367.2	385.8
70°	334.6	328.4	319.1	313.0	306.8	303.7	300.6	306.8	316.1	322.2	336.2
72.5°	278.9	274.2	266.5	260.3	258.7	255.6	254.1	257.2	266.5	277.3	292.8
75°	220.0	221.5	216.9	212.3	212.3	207.6	210.7	210.7	220.0	230.8	243.2
77.5°	170.4	168.9	167.3	164.2	162.7	162.7	162.7	165.8	175.1	181.3	193.7
80°	120.8	122.4	117.7	119.3	117.7	119.3	119.3	125.5	130.1	137.9	147.2
82.5°	80.6	80.6	77.5	79.0	79.0	79.0	80.6	83.7	89.9	96.1	102.3
85°	44.9	46.5	43.4	46.5	46.5	46.5	48.0	49.6	54.2	55.8	62.0
87.5°	17.0	20.1	20.1	17.0	18.6	20.1	21.7	20.1	23.2	26.3	27.9
90°	6.1	6.8	7.4	8.6	9.7	10.9	12.1	12.9	13.8	14.6	15.5
92.5°	26.1	26.5	27.3	28.8	30.3	31.8	33.3	34.5	35.7	36.8	38.0
95°	50.5	50.7	51.5	53.2	54.9	56.6	58.3	59.5	60.7	61.8	63.0
97.5°	76.4	76.5	77.7	80.0	82.4	84.7	87.1	88.1	89.1	90.1	91.1
100°	106.0	106.0	107.1	109.3	111.4	113.6	115.8	117.3	118.9	120.4	121.9
102.5°	141.9	142.3	142.7	143.6	144.4	145.3	146.1	147.8	149.5	151.2	152.9
105°	176.0	176.4	176.9	177.9	179.0	180.0	181.0	182.0	183.0	184.0	185.0
107.5°	213.1	213.5	213.9	214.8	215.6	216.5	217.3	217.8	218.3	218.8	219.3
110°	251.7	252.1	252.4	252.9	253.4	253.9	254.4	254.9	255.4	255.9	256.4

TEST NUMBER: P1027707

CATALOG NUMBER: S125DIP-B1270D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	289.0	289.2	289.5	290.2	290.9	291.6	292.3	292.5	292.6	292.8	292.9
115°	329.1	329.4	329.6	329.9	330.2	330.6	330.9	330.7	330.5	330.4	330.2
117.5°	366.4	366.5	366.7	367.0	367.3	367.7	368.0	368.2	368.3	368.5	368.6
120°	405.4	405.8	405.9	406.1	406.2	406.4	406.6	406.6	406.6	406.6	406.6
122.5°	442.1	442.2	442.5	443.0	443.5	444.0	444.5	444.3	444.1	444.0	443.8
125°	480.3	480.8	480.9	481.1	481.2	481.4	481.6	481.2	480.9	480.5	480.2
127.5°	516.9	517.2	517.3	517.4	517.6	517.7	517.9	517.7	517.6	517.4	517.3
130°	552.3	552.7	552.9	553.2	553.6	553.9	554.3	554.1	553.9	553.8	553.6
132.5°	589.0	589.8	589.7	589.6	589.4	589.3	589.1	588.9	588.7	588.6	588.4
135°	623.4	623.9	624.0	624.2	624.3	624.5	624.7	624.7	624.7	624.7	624.7
137.5°	657.5	658.0	658.2	658.5	658.8	659.2	659.5	659.7	659.9	660.0	660.2
140°	689.4	689.8	690.1	690.6	691.1	691.6	692.1	692.4	692.8	693.1	693.4
142.5°	721.3	721.6	721.9	722.6	723.3	723.9	724.6	724.8	725.0	725.1	725.3
145°	753.1	753.4	753.7	754.2	754.7	755.2	755.7	755.7	755.7	755.7	755.7
147.5°	781.9	782.2	782.4	782.7	783.0	783.4	783.7	784.2	784.7	785.2	785.7
150°	808.8	808.7	809.0	809.7	810.4	811.0	811.7	811.7	811.7	811.7	811.7
152.5°	835.0	835.2	835.3	835.4	835.6	835.7	835.9	836.4	836.9	837.4	837.9
155°	858.6	858.6	858.7	858.9	859.0	859.2	859.4	860.1	860.7	861.4	862.1
157.5°	880.0	879.8	879.9	880.1	880.2	880.4	880.6	881.3	881.9	882.6	883.3
160°	899.0	898.8	898.9	899.0	899.2	899.3	899.5	900.2	900.9	901.6	902.3
162.5°	917.1	916.9	916.9	916.9	916.9	916.9	916.9	917.7	918.6	919.4	920.3
165°	932.3	932.1	932.2	932.3	932.5	932.6	932.8	933.5	934.2	934.9	935.6
167.5°	944.5	944.2	944.2	944.2	944.2	944.2	944.2	945.2	946.2	947.2	948.2
170°	955.1	954.8	954.8	954.8	954.8	954.8	954.8	955.8	956.8	957.8	958.8
172.5°	962.7	962.4	962.4	962.4	962.4	962.4	962.4	963.4	964.4	965.4	966.4
175°	968.0	967.7	967.7	967.7	967.7	967.7	967.7	968.7	969.7	970.7	971.7
177.5°	971.8	971.5	971.4	971.2	971.1	970.9	970.7	971.7	972.7	973.7	974.7
180°	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0

TEST NUMBER: P1027707

CATALOG NUMBER: S125DIP-B1270D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0
2.5°	1730.5	1719.7	1718.1	1721.2	1715.0	1724.3	1721.2	1724.3	1716.6	1724.3	1719.7
5°	1611.2	1608.1	1601.9	1594.2	1595.7	1597.3	1605.0	1597.3	1603.5	1605.0	1612.8
7.5°	1499.7	1493.5	1498.1	1495.0	1481.1	1478.0	1481.1	1485.8	1495.0	1501.2	1505.9
10°	1409.8	1406.7	1400.5	1395.9	1388.1	1383.5	1389.7	1383.5	1395.9	1406.7	1406.7
12.5°	1341.7	1329.3	1321.5	1320.0	1302.9	1306.0	1312.2	1316.9	1330.8	1337.0	1337.0
15°	1270.4	1261.1	1258.0	1251.8	1245.6	1251.8	1248.7	1253.4	1259.6	1265.8	1268.9
17.5°	1208.4	1206.9	1208.4	1192.9	1197.6	1189.8	1191.4	1199.1	1194.5	1199.1	1208.4
20°	1152.7	1155.8	1151.1	1144.9	1144.9	1135.6	1146.5	1143.4	1144.9	1154.2	1168.1
22.5°	1110.8	1109.3	1104.6	1100.0	1093.8	1095.3	1096.9	1093.8	1106.2	1113.9	1115.5
25°	1065.9	1062.8	1061.3	1056.6	1050.4	1056.6	1055.1	1056.6	1059.7	1072.1	1062.8
27.5°	1024.1	1017.9	1021.0	1016.3	1014.8	1016.3	1016.3	1017.9	1021.0	1022.5	1024.1
30°	988.4	982.2	980.7	977.6	976.0	977.6	980.7	977.6	990.0	988.4	988.4
32.5°	949.7	945.1	942.0	942.0	940.4	938.9	940.4	942.0	951.3	945.1	951.3
35°	912.5	909.4	909.4	906.3	904.8	904.8	904.8	911.0	907.9	912.5	912.5
37.5°	876.9	876.9	875.3	872.2	870.7	872.2	870.7	873.8	872.2	873.8	875.3
40°	839.7	836.6	835.1	835.1	830.4	825.8	830.4	830.4	832.0	836.6	838.2
42.5°	794.8	796.3	796.3	790.1	790.1	790.1	791.7	793.2	793.2	796.3	796.3
45°	756.0	752.9	752.9	752.9	749.8	751.4	754.5	754.5	754.5	754.5	751.4
47.5°	712.7	712.7	714.2	714.2	718.9	717.3	717.3	715.8	712.7	712.7	714.2
50°	672.4	677.0	678.6	678.6	680.1	681.7	681.7	678.6	677.0	672.4	672.4
52.5°	633.7	636.8	639.8	644.5	647.6	646.0	646.0	642.9	636.8	635.2	633.7
55°	591.8	596.5	602.7	607.3	612.0	613.5	613.5	607.3	601.1	593.4	593.4
57.5°	553.1	557.7	568.6	573.2	579.4	579.4	576.3	571.7	562.4	556.2	551.5
60°	514.4	522.1	529.9	539.1	546.9	548.4	543.8	537.6	526.8	519.0	512.8
62.5°	472.5	480.3	495.8	505.1	511.3	511.3	511.3	503.5	489.6	478.7	469.4
65°	432.2	440.0	453.9	466.3	471.0	475.6	471.0	463.2	452.4	440.0	430.7
67.5°	390.4	399.7	413.7	423.0	429.1	433.8	430.7	424.5	410.6	393.5	387.3
70°	343.9	348.6	368.7	378.0	387.3	390.4	387.3	378.0	364.1	345.5	339.3
72.5°	300.6	305.2	323.8	331.5	339.3	342.4	337.7	331.5	319.1	302.1	294.4
75°	251.0	258.7	268.0	280.4	289.7	292.8	288.2	283.5	268.0	257.2	251.0
77.5°	198.3	206.1	218.4	229.3	238.6	237.0	230.8	232.4	215.3	203.0	198.3
80°	150.3	156.5	165.8	175.1	179.7	179.7	178.2	172.0	165.8	156.5	148.7
82.5°	103.8	111.5	119.3	125.5	125.5	127.0	123.9	122.4	116.2	108.4	106.9
85°	62.0	63.5	69.7	69.7	75.9	72.8	71.3	75.9	69.7	65.1	63.5
87.5°	27.9	26.3	27.9	27.9	26.3	29.4	29.4	27.9	29.4	27.9	27.9
90°	15.9	16.2	16.7	17.2	17.7	18.2	17.7	17.2	16.7	16.2	15.9
92.5°	38.6	38.8	39.1	39.4	39.8	40.1	39.8	39.4	39.1	38.8	38.6
95°	63.6	63.8	64.1	64.4	64.8	65.1	64.8	64.4	64.1	63.8	63.6
97.5°	91.6	91.7	91.9	92.0	92.2	92.4	92.2	92.0	91.9	91.7	91.6
100°	122.7	122.9	123.2	123.5	123.9	124.2	123.9	123.5	123.2	122.9	122.7
102.5°	153.7	154.0	154.5	155.0	155.5	156.0	155.5	155.0	154.5	154.0	153.7
105°	185.5	185.8	186.3	186.8	187.3	187.8	187.3	186.8	186.3	185.8	185.5
107.5°	219.6	219.6	219.6	219.6	219.6	219.6	219.6	219.6	219.6	219.6	219.6
110°	256.7	256.6	256.4	256.3	256.1	255.9	256.1	256.3	256.4	256.6	256.7

TEST NUMBER: P1027707

CATALOG NUMBER: S125DIP-B1270D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	293.0	292.8	292.5	292.2	291.8	291.5	291.8	292.2	292.5	292.8	293.0
115°	330.1	330.0	329.9	329.7	329.6	329.4	329.6	329.7	329.9	330.0	330.1
117.5°	368.7	368.4	367.7	367.0	366.4	365.7	366.4	367.0	367.7	368.4	368.7
120°	406.6	406.3	405.6	404.9	404.3	403.6	404.3	404.9	405.6	406.3	406.6
122.5°	443.7	443.4	442.9	442.4	441.9	441.4	441.9	442.4	442.9	443.4	443.7
125°	480.0	479.9	479.8	479.6	479.5	479.3	479.5	479.6	479.8	479.9	480.0
127.5°	517.2	517.0	516.7	516.3	516.0	515.6	516.0	516.3	516.7	517.0	517.2
130°	553.5	553.3	553.0	552.7	552.3	552.0	552.3	552.7	553.0	553.3	553.5
132.5°	588.3	588.1	587.6	587.1	586.6	586.1	586.6	587.1	587.6	588.1	588.3
135°	624.7	624.4	623.7	623.0	622.3	621.6	622.3	623.0	623.7	624.4	624.7
137.5°	660.3	659.9	659.0	658.2	657.3	656.5	657.3	658.2	659.0	659.9	660.3
140°	693.6	693.2	692.3	691.5	690.6	689.8	690.6	691.5	692.3	693.2	693.6
142.5°	725.4	725.0	724.1	723.3	722.4	721.6	722.4	723.3	724.1	725.0	725.4
145°	755.7	755.4	754.9	754.4	753.9	753.4	753.9	754.4	754.9	755.4	755.7
147.5°	785.9	785.2	783.9	782.6	781.2	779.9	781.2	782.6	783.9	785.2	785.9
150°	811.7	811.5	811.2	810.9	810.5	810.2	810.5	810.9	811.2	811.5	811.7
152.5°	838.2	837.9	837.2	836.5	835.9	835.2	835.9	836.5	837.2	837.9	838.2
155°	862.4	862.0	861.1	860.3	859.4	858.6	859.4	860.3	861.1	862.0	862.4
157.5°	883.6	883.0	881.8	880.7	879.5	878.3	879.5	880.7	881.8	883.0	883.6
160°	902.6	902.2	901.3	900.5	899.6	898.8	899.6	900.5	901.3	902.2	902.6
162.5°	920.7	920.2	919.2	918.2	917.2	916.2	917.2	918.2	919.2	920.2	920.7
165°	935.9	935.4	934.4	933.3	932.3	931.3	932.3	933.3	934.4	935.4	935.9
167.5°	948.7	948.2	947.2	946.2	945.2	944.2	945.2	946.2	947.2	948.2	948.7
170°	959.3	958.7	957.5	956.4	955.2	954.0	955.2	956.4	957.5	958.7	959.3
172.5°	966.9	966.4	965.4	964.4	963.4	962.4	963.4	964.4	965.4	966.4	966.9
175°	972.2	971.6	970.4	969.3	968.1	966.9	968.1	969.3	970.4	971.6	972.2
177.5°	975.2	974.6	973.4	972.3	971.1	969.9	971.1	972.3	973.4	974.6	975.2
180°	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0

TEST NUMBER: P1027707

CATALOG NUMBER: S125DIP-B1270D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0	1825.0
2.5°	1733.6	1724.3	1735.2	1721.2	1724.3	1741.4	1739.8	1755.3	1764.6	1763.1	1770.8
5°	1619.0	1619.0	1623.6	1622.1	1637.6	1651.5	1670.1	1685.6	1702.6	1711.9	1722.8
7.5°	1505.9	1521.4	1524.5	1532.2	1550.8	1574.1	1592.6	1615.9	1640.7	1657.7	1670.1
10°	1412.9	1425.3	1437.7	1443.9	1464.1	1495.0	1521.4	1558.6	1589.6	1608.1	1625.2
12.5°	1330.8	1344.8	1351.0	1378.9	1392.8	1412.9	1450.1	1490.4	1524.5	1544.6	1558.6
15°	1272.0	1279.7	1293.6	1310.7	1324.6	1349.4	1380.4	1425.3	1457.9	1474.9	1522.9
17.5°	1222.4	1231.7	1239.4	1247.2	1268.9	1295.2	1324.6	1363.4	1405.2	1434.6	1459.4
20°	1171.2	1175.9	1185.2	1197.6	1213.1	1237.9	1264.2	1304.5	1341.7	1364.9	1397.4
22.5°	1110.8	1124.8	1134.1	1143.4	1160.4	1188.3	1213.1	1242.5	1289.0	1315.3	1349.4
25°	1075.2	1081.4	1087.6	1098.4	1110.8	1135.6	1163.5	1194.5	1231.7	1259.6	1289.0
27.5°	1028.7	1038.0	1045.8	1059.7	1067.4	1087.6	1113.9	1144.9	1189.8	1213.1	1237.9
30°	990.0	999.3	1005.5	1011.7	1022.5	1044.2	1069.0	1093.8	1135.6	1165.1	1189.8
32.5°	951.3	960.5	968.3	972.9	983.8	997.7	1017.9	1048.9	1084.5	1104.6	1137.2
35°	917.2	917.2	926.5	932.7	942.0	954.4	972.9	996.2	1033.4	1059.7	1089.1
37.5°	878.4	880.0	887.7	892.4	901.7	914.1	932.7	954.4	985.3	1005.5	1034.9
40°	838.2	842.8	845.9	853.6	864.5	869.1	887.7	912.5	943.5	962.1	986.9
42.5°	797.9	801.0	808.7	814.9	824.2	832.0	844.4	867.6	890.8	918.7	938.9
45°	752.9	760.7	765.3	776.2	780.8	788.6	801.0	819.6	847.5	864.5	887.7
47.5°	714.2	717.3	720.4	734.4	743.6	748.3	760.7	771.5	801.0	816.5	838.2
50°	672.4	672.4	677.0	683.2	694.1	703.4	714.2	726.6	749.8	765.3	787.0
52.5°	633.7	629.0	632.1	635.2	646.0	655.3	666.2	683.2	704.9	714.2	732.8
55°	591.8	584.1	588.7	593.4	596.5	608.9	621.3	632.1	649.1	663.1	680.1
57.5°	546.9	545.3	542.2	543.8	551.5	559.3	568.6	582.5	602.7	613.5	622.8
60°	506.6	497.3	494.2	497.3	502.0	506.6	519.0	531.4	548.4	559.3	570.1
62.5°	464.8	455.5	449.3	444.6	449.3	460.1	467.9	477.2	491.1	503.5	512.8
65°	424.5	410.6	404.4	401.3	399.7	407.5	413.7	426.0	438.4	443.1	453.9
67.5°	379.6	367.2	359.4	354.8	354.8	354.8	361.0	373.4	385.8	387.3	398.2
70°	334.6	320.7	313.0	306.8	303.7	306.8	314.5	316.1	326.9	330.0	336.2
72.5°	286.6	274.2	264.9	257.2	258.7	261.8	261.8	264.9	271.1	278.9	278.9
75°	241.7	224.6	220.0	213.8	210.7	210.7	210.7	216.9	221.5	227.7	226.2
77.5°	190.6	181.3	172.0	168.9	164.2	162.7	165.8	165.8	168.9	173.5	175.1
80°	147.2	136.3	130.1	127.0	120.8	119.3	120.8	120.8	125.5	123.9	125.5
82.5°	102.3	94.5	89.9	85.2	82.1	83.7	82.1	82.1	83.7	82.1	82.1
85°	58.9	57.3	54.2	52.7	51.1	48.0	51.1	49.6	48.0	46.5	49.6
87.5°	27.9	26.3	26.3	23.2	23.2	21.7	23.2	23.2	21.7	21.7	21.7
90°	15.5	14.6	13.8	12.9	12.1	10.9	9.7	8.6	7.4	6.8	6.1
92.5°	38.0	36.8	35.7	34.5	33.3	31.8	30.3	28.8	27.3	26.5	26.1
95°	63.0	61.8	60.7	59.5	58.3	56.6	54.9	53.2	51.5	50.7	50.5
97.5°	91.1	90.1	89.1	88.1	87.1	84.7	82.4	80.0	77.7	76.5	76.4
100°	121.9	120.4	118.9	117.3	115.8	113.6	111.4	109.3	107.1	106.0	106.0
102.5°	152.9	151.2	149.5	147.8	146.1	145.3	144.4	143.6	142.7	142.3	141.9
105°	185.0	184.0	183.0	182.0	181.0	180.0	179.0	177.9	176.9	176.4	176.0
107.5°	219.3	218.8	218.3	217.8	217.3	216.5	215.6	214.8	213.9	213.5	213.1
110°	256.4	255.9	255.4	254.9	254.4	253.9	253.4	252.9	252.4	252.1	251.7

TEST NUMBER: P1027707

CATALOG NUMBER: S125DIP-B1270D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	292.9	292.8	292.6	292.5	292.3	291.6	290.9	290.2	289.5	289.2	289.0
115°	330.2	330.4	330.5	330.7	330.9	330.6	330.2	329.9	329.6	329.4	329.1
117.5°	368.6	368.5	368.3	368.2	368.0	367.7	367.3	367.0	366.7	366.5	366.4
120°	406.6	406.6	406.6	406.6	406.6	406.4	406.2	406.1	405.9	405.8	405.4
122.5°	443.8	444.0	444.1	444.3	444.5	444.0	443.5	443.0	442.5	442.2	442.1
125°	480.2	480.5	480.9	481.2	481.6	481.4	481.2	481.1	480.9	480.8	480.3
127.5°	517.3	517.4	517.6	517.7	517.9	517.7	517.6	517.4	517.3	517.2	516.9
130°	553.6	553.8	553.9	554.1	554.3	553.9	553.6	553.2	552.9	552.7	552.3
132.5°	588.4	588.6	588.7	588.9	589.1	589.3	589.4	589.6	589.7	589.8	589.0
135°	624.7	624.7	624.7	624.7	624.7	624.5	624.3	624.2	624.0	623.9	623.4
137.5°	660.2	660.0	659.9	659.7	659.5	659.2	658.8	658.5	658.2	658.0	657.5
140°	693.4	693.1	692.8	692.4	692.1	691.6	691.1	690.6	690.1	689.8	689.4
142.5°	725.3	725.1	725.0	724.8	724.6	723.9	723.3	722.6	721.9	721.6	721.3
145°	755.7	755.7	755.7	755.7	755.7	755.2	754.7	754.2	753.7	753.4	753.1
147.5°	785.7	785.2	784.7	784.2	783.7	783.4	783.0	782.7	782.4	782.2	781.9
150°	811.7	811.7	811.7	811.7	811.7	811.0	810.4	809.7	809.0	808.7	808.8
152.5°	837.9	837.4	836.9	836.4	835.9	835.7	835.6	835.4	835.3	835.2	835.0
155°	862.1	861.4	860.7	860.1	859.4	859.2	859.0	858.9	858.7	858.6	858.6
157.5°	883.3	882.6	881.9	881.3	880.6	880.4	880.2	880.1	879.9	879.8	880.0
160°	902.3	901.6	900.9	900.2	899.5	899.3	899.2	899.0	898.9	898.8	899.0
162.5°	920.3	919.4	918.6	917.7	916.9	916.9	916.9	916.9	916.9	916.9	917.1
165°	935.6	934.9	934.2	933.5	932.8	932.6	932.5	932.3	932.2	932.1	932.3
167.5°	948.2	947.2	946.2	945.2	944.2	944.2	944.2	944.2	944.2	944.2	944.5
170°	958.8	957.8	956.8	955.8	954.8	954.8	954.8	954.8	954.8	954.8	955.1
172.5°	966.4	965.4	964.4	963.4	962.4	962.4	962.4	962.4	962.4	962.4	962.7
175°	971.7	970.7	969.7	968.7	967.7	967.7	967.7	967.7	967.7	967.7	968.0
177.5°	974.7	973.7	972.7	971.7	970.7	970.9	971.1	971.2	971.4	971.5	971.8
180°	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0	973.0

TEST NUMBER: P1027707

CATALOG NUMBER: S125DIP-B1270D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1825.0	1825.0	1825.0	1825.0
2.5°	1781.7	1797.2	1808.0	1828.1
5°	1741.4	1769.3	1795.6	1823.5
7.5°	1701.1	1733.6	1775.5	1811.1
10°	1656.2	1698.0	1747.6	1795.6
12.5°	1611.2	1660.8	1715.0	1778.6
15°	1557.0	1620.5	1684.1	1752.2
17.5°	1509.0	1574.1	1642.2	1727.4
20°	1454.8	1526.0	1600.4	1687.2
22.5°	1406.7	1485.8	1563.2	1654.6
25°	1352.5	1430.0	1515.2	1612.8
27.5°	1307.6	1378.9	1462.5	1567.9
30°	1253.4	1330.8	1414.5	1519.8
32.5°	1202.2	1276.6	1364.9	1468.7
35°	1149.6	1225.5	1304.5	1403.6
37.5°	1100.0	1165.1	1244.1	1338.6
40°	1044.2	1115.5	1186.7	1261.1
42.5°	993.1	1058.2	1124.8	1183.6
45°	935.8	991.5	1055.1	1103.1
47.5°	883.1	932.7	982.2	1019.4
50°	830.4	869.1	906.3	938.9
52.5°	768.4	811.8	832.0	852.1
55°	712.7	737.5	756.0	776.2
57.5°	658.4	669.3	678.6	697.2
60°	587.2	599.6	610.4	624.4
62.5°	525.2	531.4	534.5	548.4
65°	466.3	464.8	472.5	480.3
67.5°	402.8	401.3	409.0	412.1
70°	340.8	339.3	340.8	348.6
72.5°	282.0	282.0	283.5	286.6
75°	227.7	227.7	229.3	232.4
77.5°	172.0	175.1	173.5	179.7
80°	125.5	122.4	125.5	128.6
82.5°	82.1	85.2	85.2	82.1
85°	46.5	46.5	46.5	46.5
87.5°	20.1	20.1	21.7	23.2
90°	4.8	3.5	2.1	0.8
92.5°	25.2	24.4	23.5	22.7
95°	50.2	49.9	49.5	49.2
97.5°	76.2	76.1	75.9	75.7
100°	106.0	106.0	106.0	106.0
102.5°	141.1	140.2	139.4	138.6
105°	175.1	174.3	173.4	172.6
107.5°	212.2	211.4	210.5	209.7
110°	250.9	250.0	249.2	248.4

TEST NUMBER: P1027707

CATALOG NUMBER: S125DIP-B1270D850UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	288.7	288.4	288.0	287.7
115°	328.4	327.7	327.0	326.3
117.5°	366.2	366.1	365.9	365.7
120°	404.6	403.7	402.9	402.1
122.5°	441.9	441.8	441.6	441.4
125°	479.3	478.3	477.3	476.3
127.5°	516.4	515.9	515.4	514.9
130°	551.5	550.6	549.8	549.0
132.5°	587.5	586.0	584.5	583.0
135°	622.4	621.4	620.4	619.4
137.5°	656.5	655.4	654.4	653.4
140°	688.5	687.7	686.8	686.0
142.5°	720.6	719.9	719.3	718.6
145°	752.4	751.7	751.1	750.4
147.5°	781.4	780.9	780.4	779.9
150°	808.9	809.1	809.2	809.4
152.5°	834.7	834.4	834.0	833.7
155°	858.6	858.6	858.6	858.6
157.5°	880.3	880.7	881.0	881.4
160°	899.5	900.0	900.5	901.0
162.5°	917.4	917.8	918.1	918.5
165°	932.6	932.9	933.3	933.6
167.5°	945.2	945.9	946.5	947.2
170°	955.8	956.5	957.1	957.8
172.5°	963.4	964.1	964.7	965.4
175°	968.7	969.4	970.0	970.7
177.5°	972.5	973.2	973.8	974.5
180°	973.0	973.0	973.0	973.0

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