

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: P1028283

Luminaire Tested: S125DIP-B850D375UB27-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1028283
REPORT IS A COMBINATION OF REPORTS P1002540 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B850D375UB27-4F0-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

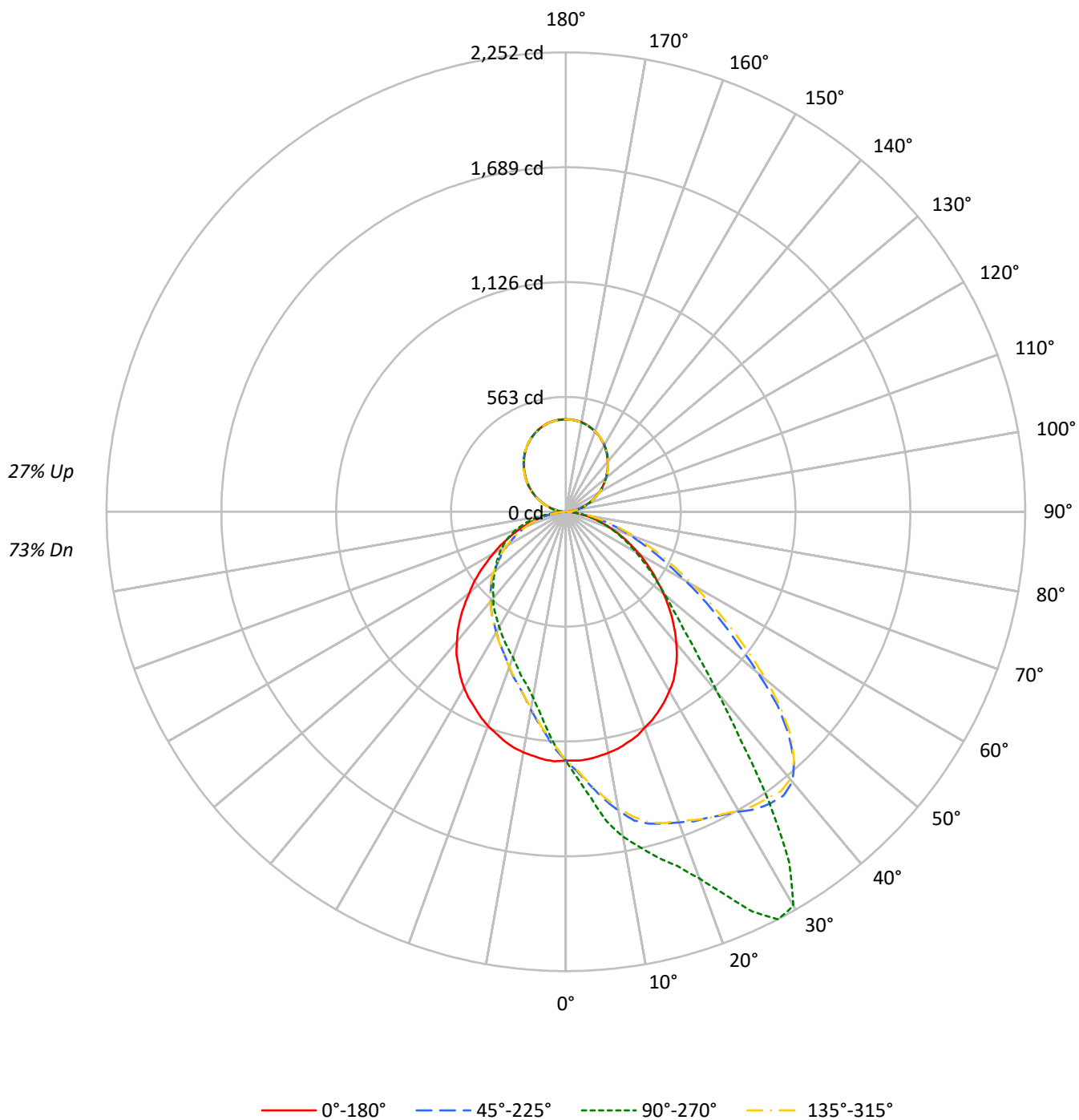
Lumens per Lamp: N/A
Luminaire Lumens: 4706.0 lumens
Efficiency: N/A
Efficacy: 104.1 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 45.2
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	113	113	113	113	107	107	107	107	96	96	96	86	86	86	77	77	77
1	103	99	95	92	98	94	91	88	85	82	80	77	75	73	69	67	66
2	94	87	81	75	89	83	77	72	75	71	67	68	64	61	61	58	56
3	86	77	69	63	82	73	66	61	66	61	56	60	56	52	54	51	48
4	79	68	60	54	75	65	58	52	59	53	48	54	49	45	49	45	42
5	73	61	53	46	69	58	51	45	53	47	42	48	43	39	44	40	36
6	67	55	46	40	64	52	45	39	48	42	37	44	39	34	40	36	32
7	62	50	41	36	59	48	40	35	44	37	33	40	35	31	37	32	29
8	58	45	37	32	55	43	36	31	40	34	29	37	31	27	34	29	26
9	54	41	34	28	51	40	33	28	37	30	26	34	28	25	31	26	23
10	51	38	31	26	48	37	30	25	34	28	24	31	26	22	29	24	21

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	7813	7813	7813	7813
5°	7819	8863	7826	6724
10°	7771	10102	7758	5772
15°	7714	10954	7666	5215
20°	7617	12003	7547	4761
25°	7530	13753	7393	4492
30°	7406	14510	7278	4249
35°	7209	11631	7058	4053
40°	6903	8039	6801	3846
45°	6515	5985	6442	3674
50°	6072	4927	5972	3537
55°	5593	4202	5549	3417
60°	5124	3597	5035	3324
65°	4617	3106	4543	3189
70°	4083	2579	4028	2955
75°	3516	1995	3469	2564
80°	2776	1349	2676	1885
85°	1778	676	1715	962

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 11933 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.4	2.5
10°-20°	349.6	7.4
20°-30°	567.8	12.1
30°-40°	694.0	14.7
40°-50°	629.5	13.4
50°-60°	501.4	10.7
60°-70°	349.2	7.4
70°-80°	186.0	4.0
80°-90°	46.8	1.0
90°-100°	30.1	0.6
100°-110°	89.5	1.9
110°-120°	151.8	3.2
120°-130°	199.8	4.2
130°-140°	223.9	4.8
140°-150°	219.5	4.7
150°-160°	184.3	3.9
160°-170°	122.5	2.6
170°-180°	42.9	0.9
0°-30°	1034.8	22.0
0°-40°	1728.7	36.7
0°-60°	2859.6	60.8
0°-90°	3441.7	73.1
90°-120°	271.4	5.8
90°-150°	914.5	19.4
90°-180°	1264.0	26.9
0°-180°	4706.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1219	1219	1219	1219	1219	
5°	1218	1407	1219	1067	1218	116
15°	1171	1757	1164	836	1171	330
25°	1078	2161	1058	706	1078	496
35°	938	1735	918	604	938	586
45°	737	818	729	502	737	568
55°	519	504	514	410	519	464
65°	321	310	316	318	321	318
75°	155	152	153	196	155	165
85°	31	34	30	49	31	37
90°	0	8	0	8	0	4
95°	23	30	23	30	23	24
105°	80	87	80	87	80	86
115°	152	153	152	153	152	150
125°	222	223	222	223	222	199
135°	288	289	288	289	288	222
145°	349	351	349	351	349	218
155°	400	400	400	400	400	184
165°	435	434	435	434	435	123
175°	452	450	452	450	452	43
180°	453	453	453	453	453	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4
2.5°	1221.5	1228.7	1237.0	1243.2	1253.6	1256.7	1261.9	1265.0	1268.1	1271.2	1273.2
5°	1218.4	1236.0	1251.5	1262.9	1282.6	1289.8	1299.1	1310.5	1324.0	1335.3	1342.6
7.5°	1210.1	1238.0	1258.7	1281.5	1308.4	1326.0	1335.3	1359.2	1380.9	1397.5	1419.2
10°	1199.7	1232.9	1265.0	1299.1	1337.4	1357.1	1375.7	1408.8	1438.9	1465.8	1487.5
12.5°	1188.4	1228.7	1267.0	1311.5	1363.3	1387.1	1399.5	1456.5	1493.7	1508.2	1550.7
15°	1170.8	1218.4	1273.2	1328.1	1371.6	1399.5	1433.7	1479.2	1516.5	1548.6	1582.7
17.5°	1154.2	1206.0	1261.9	1322.9	1386.1	1422.3	1448.2	1488.6	1528.9	1570.3	1602.4
20°	1127.3	1194.6	1251.5	1316.7	1391.2	1417.1	1444.0	1491.7	1535.1	1579.6	1620.0
22.5°	1105.5	1169.7	1247.4	1309.5	1372.6	1398.5	1431.6	1481.3	1533.1	1583.8	1642.8
25°	1077.6	1149.0	1216.3	1282.6	1347.8	1375.7	1405.7	1469.9	1523.7	1589.0	1654.2
27.5°	1047.6	1121.1	1188.4	1248.4	1309.5	1347.8	1379.9	1447.1	1518.6	1590.0	1674.9
30°	1015.5	1084.8	1149.0	1208.0	1275.3	1314.6	1346.7	1425.4	1505.1	1596.2	1697.7
32.5°	981.3	1046.5	1101.4	1161.4	1232.9	1269.1	1312.6	1398.5	1492.7	1601.4	1728.7
35°	937.8	1000.0	1048.6	1109.7	1181.1	1227.7	1273.2	1369.5	1479.2	1600.3	1746.3
37.5°	894.4	943.0	989.6	1054.8	1137.6	1180.1	1227.7	1333.3	1458.5	1597.2	1753.5
40°	842.6	890.2	930.6	996.9	1083.8	1132.5	1182.1	1292.9	1434.7	1585.9	1727.7
42.5°	790.9	831.2	875.7	945.1	1028.9	1080.7	1133.5	1256.7	1403.7	1552.7	1656.2
45°	737.0	768.1	816.7	879.9	968.9	1018.6	1078.6	1212.2	1360.2	1492.7	1544.4
47.5°	681.1	712.2	757.7	818.8	906.8	965.8	1022.7	1156.3	1305.3	1407.8	1407.8
50°	627.3	652.1	696.7	757.7	846.8	900.6	958.6	1100.4	1220.4	1296.0	1228.7
52.5°	569.3	597.3	634.5	698.7	786.7	835.4	898.5	1019.6	1133.5	1164.5	1061.0
55°	518.6	541.4	576.6	637.7	719.4	770.2	824.0	939.9	1036.2	1034.1	923.4
57.5°	465.8	484.5	521.7	577.6	653.2	698.7	752.6	853.0	931.6	903.7	799.1
60°	417.2	430.6	466.9	512.4	584.9	627.3	679.1	760.8	820.9	781.5	676.0
62.5°	366.4	382.0	411.0	455.5	519.6	553.8	592.1	674.9	713.2	678.0	570.4
65°	320.9	333.3	359.2	396.5	454.4	485.5	518.6	586.9	623.2	572.4	483.4
67.5°	275.4	289.8	308.5	341.6	387.1	416.1	445.1	504.1	520.7	475.1	400.6
70°	232.9	245.3	262.9	286.7	325.0	350.9	372.7	421.3	432.7	390.3	331.2
72.5°	191.5	199.8	214.3	233.9	269.1	283.6	306.4	339.5	354.0	315.7	273.3
75°	155.3	161.5	170.8	185.3	209.1	224.6	243.3	274.3	273.3	246.4	216.3
77.5°	120.1	121.1	131.5	144.9	159.4	172.9	182.2	203.9	206.0	189.4	164.6
80°	85.9	89.0	93.2	103.5	115.9	121.1	132.5	146.0	148.0	135.6	119.0
82.5°	54.9	56.9	60.0	66.2	74.5	80.7	87.0	92.1	97.3	90.1	76.6
85°	31.1	32.1	35.2	37.3	41.4	44.5	49.7	54.9	53.8	48.7	44.5
87.5°	15.5	15.5	15.5	17.6	19.7	19.7	21.7	22.8	23.8	21.7	19.7
90°	0.4	1.0	1.6	2.3	2.9	3.2	3.5	4.0	4.5	5.1	5.6
92.5°	10.6	11.0	11.4	11.7	12.1	12.3	12.7	13.4	14.1	14.8	15.5
95°	22.9	23.1	23.2	23.4	23.5	23.6	24.0	24.8	25.5	26.3	27.1
97.5°	35.3	35.4	35.4	35.5	35.6	35.6	36.1	37.2	38.3	39.4	40.5
100°	49.4	49.4	49.4	49.4	49.4	49.4	49.9	50.9	51.9	52.9	53.9
102.5°	64.5	64.9	65.3	65.7	66.1	66.3	66.5	66.9	67.2	67.6	68.0
105°	80.4	80.8	81.2	81.5	81.9	82.1	82.3	82.8	83.3	83.8	84.3
107.5°	97.7	98.1	98.5	98.8	99.2	99.4	99.6	100.0	100.4	100.8	101.2
110°	115.6	116.0	116.4	116.8	117.2	117.4	117.5	117.8	118.0	118.3	118.5

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	134.0	134.2	134.3	134.5	134.6	134.7	134.9	135.2	135.5	135.8	136.1
115°	151.9	152.2	152.6	152.9	153.2	153.4	153.5	153.6	153.8	153.9	154.1
117.5°	170.3	170.4	170.4	170.5	170.6	170.6	170.7	170.8	171.0	171.1	171.3
120°	187.2	187.6	188.0	188.4	188.8	189.0	189.0	189.1	189.2	189.2	189.3
122.5°	205.5	205.6	205.7	205.8	205.9	205.9	206.0	206.2	206.5	206.7	206.9
125°	221.7	222.2	222.7	223.2	223.7	223.9	223.9	224.0	224.1	224.1	224.2
127.5°	239.7	239.9	240.2	240.4	240.7	240.8	240.8	240.9	241.0	241.0	241.1
130°	255.6	256.0	256.4	256.7	257.1	257.3	257.4	257.6	257.7	257.9	258.1
132.5°	271.4	272.1	272.8	273.5	274.2	274.6	274.6	274.5	274.4	274.4	274.3
135°	288.4	288.9	289.3	289.8	290.3	290.5	290.5	290.6	290.7	290.7	290.8
137.5°	304.2	304.7	305.1	305.6	306.1	306.3	306.4	306.6	306.7	306.9	307.1
140°	319.4	319.8	320.2	320.6	321.0	321.2	321.3	321.5	321.8	322.0	322.2
142.5°	334.6	334.9	335.2	335.5	335.8	336.0	336.2	336.5	336.8	337.1	337.4
145°	349.4	349.7	350.0	350.3	350.6	350.8	350.9	351.1	351.4	351.6	351.8
147.5°	363.1	363.3	363.6	363.8	364.1	364.2	364.3	364.4	364.6	364.7	364.9
150°	376.9	376.8	376.7	376.6	376.5	376.5	376.7	377.0	377.3	377.6	377.9
152.5°	388.1	388.3	388.4	388.6	388.7	388.8	388.8	388.9	389.0	389.1	389.2
155°	399.8	399.8	399.8	399.8	399.8	399.8	399.8	399.9	400.0	400.0	400.1
157.5°	410.3	410.1	410.0	409.8	409.7	409.6	409.6	409.7	409.8	409.9	410.0
160°	419.5	419.3	419.1	418.8	418.6	418.5	418.5	418.6	418.7	418.7	418.8
162.5°	427.6	427.4	427.3	427.1	427.0	426.9	426.9	426.9	426.9	426.9	426.9
165°	434.7	434.5	434.4	434.2	434.1	434.0	434.0	434.1	434.2	434.2	434.3
167.5°	441.0	440.7	440.4	440.1	439.8	439.6	439.6	439.6	439.6	439.6	439.6
170°	446.0	445.7	445.3	445.0	444.7	444.5	444.5	444.5	444.5	444.5	444.5
172.5°	449.5	449.2	448.9	448.6	448.3	448.1	448.1	448.1	448.1	448.1	448.1
175°	451.9	451.6	451.3	451.0	450.7	450.5	450.5	450.5	450.5	450.5	450.5
177.5°	453.7	453.4	453.1	452.8	452.5	452.3	452.3	452.2	452.1	452.0	451.9
180°	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4
2.5°	1275.3	1282.6	1288.8	1293.9	1298.1	1304.3	1300.2	1301.2	1303.3	1307.4	1307.4
5°	1358.1	1369.5	1375.7	1396.4	1401.6	1400.6	1397.5	1414.0	1413.0	1406.8	1405.7
7.5°	1438.9	1458.5	1476.1	1492.7	1497.9	1511.3	1514.4	1521.7	1519.6	1530.0	1524.8
10°	1512.4	1543.4	1560.0	1584.8	1591.0	1597.2	1605.5	1609.7	1619.0	1617.9	1617.9
12.5°	1569.3	1606.6	1628.3	1634.5	1658.3	1665.6	1672.8	1686.3	1683.2	1684.2	1690.4
15°	1613.8	1650.0	1668.7	1697.7	1714.2	1722.5	1734.9	1749.4	1747.3	1756.7	1754.6
17.5°	1646.9	1681.1	1715.2	1758.7	1759.8	1781.5	1810.5	1816.7	1830.2	1820.8	1820.8
20°	1673.8	1719.4	1768.0	1823.9	1830.2	1843.6	1878.8	1902.6	1918.1	1913.0	1916.1
22.5°	1702.8	1768.0	1825.0	1880.9	1910.9	1934.7	1968.9	2006.1	2019.6	2027.9	2025.8
25°	1740.1	1808.4	1892.3	1969.9	2001.0	2046.5	2092.0	2128.3	2138.6	2161.4	2140.7
27.5°	1778.4	1874.7	1979.2	2070.3	2109.6	2146.9	2201.8	2228.7	2242.1	2252.5	2245.2
30°	1810.5	1943.0	2056.8	2140.7	2168.6	2190.4	2221.4	2227.6	2222.5	2230.8	2241.1
32.5°	1860.2	1989.6	2085.8	2126.2	2123.1	2122.1	2098.3	2065.1	2057.9	2038.2	2065.1
35°	1887.1	1990.6	2027.9	1974.0	1952.3	1913.0	1837.4	1787.7	1744.2	1734.9	1737.0
37.5°	1871.6	1911.9	1867.4	1725.6	1690.4	1630.4	1530.0	1459.6	1427.5	1402.6	1434.7
40°	1787.7	1743.2	1621.0	1448.2	1397.5	1340.5	1246.3	1208.0	1162.5	1153.2	1195.6
42.5°	1649.0	1513.4	1340.5	1207.0	1154.2	1122.1	1043.4	1007.2	975.1	960.6	984.4
45°	1460.6	1296.0	1122.1	1012.4	967.9	929.6	883.0	844.7	824.0	817.8	837.4
47.5°	1266.0	1092.1	953.4	871.6	825.0	796.0	752.6	730.8	714.3	716.3	719.4
50°	1079.7	921.3	814.7	732.9	710.1	687.3	658.4	639.7	631.4	634.5	632.5
52.5°	919.2	790.9	700.8	637.7	627.3	605.6	581.8	566.2	563.1	564.2	567.3
55°	778.4	678.0	606.6	561.1	549.7	534.1	519.6	509.3	501.0	504.1	503.1
57.5°	671.8	583.8	529.0	491.7	483.4	474.1	460.6	455.5	452.4	446.2	451.3
60°	577.6	506.2	458.6	435.8	428.6	422.3	407.9	401.6	399.6	396.5	404.7
62.5°	488.6	437.9	401.6	380.9	373.7	367.5	360.2	355.1	356.1	352.0	356.1
65°	418.2	376.8	350.9	332.3	323.0	318.8	317.8	309.5	308.5	309.5	310.5
67.5°	353.0	317.8	298.1	286.7	279.5	275.4	272.2	267.1	271.2	268.1	270.2
70°	294.0	270.2	249.5	238.1	235.0	236.0	230.8	228.8	229.8	227.7	229.8
72.5°	237.1	217.4	209.1	200.8	196.7	195.6	192.5	189.4	192.5	191.5	191.5
75°	189.4	174.9	165.6	160.4	160.4	158.4	153.2	153.2	153.2	152.2	153.2
77.5°	146.0	133.5	129.4	124.2	124.2	121.1	120.1	120.1	118.0	121.1	119.0
80°	108.7	99.4	93.2	90.1	90.1	89.0	87.0	85.9	87.0	85.9	85.9
82.5°	70.4	66.2	63.1	60.0	59.0	60.0	59.0	56.9	58.0	56.9	59.0
85°	40.4	36.2	36.2	34.2	35.2	33.1	34.2	32.1	31.1	34.2	32.1
87.5°	17.6	16.6	16.6	14.5	14.5	14.5	13.5	14.5	13.5	12.4	13.5
90°	6.0	6.4	6.8	7.2	7.4	7.5	7.8	8.0	8.3	8.5	8.3
92.5°	16.1	16.6	17.2	17.7	18.0	18.1	18.2	18.4	18.5	18.7	18.5
95°	27.7	28.2	28.8	29.3	29.6	29.7	29.8	30.0	30.1	30.3	30.1
97.5°	41.0	41.5	42.0	42.5	42.7	42.7	42.8	42.9	42.9	43.0	42.9
100°	54.6	55.3	56.0	56.7	57.1	57.2	57.3	57.5	57.6	57.8	57.6
102.5°	68.8	69.6	70.4	71.2	71.6	71.7	71.9	72.2	72.4	72.6	72.4
105°	84.8	85.2	85.7	86.2	86.4	86.5	86.7	87.0	87.2	87.4	87.2
107.5°	101.4	101.6	101.9	102.1	102.2	102.2	102.2	102.2	102.2	102.2	102.2
110°	118.7	118.9	119.2	119.4	119.5	119.5	119.4	119.3	119.3	119.2	119.3

TEST NUMBER: P1028283

CATALOG NUMBER: S125DIP-B850D375UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	136.2	136.2	136.3	136.4	136.4	136.3	136.2	136.0	135.9	135.7	135.9
115°	154.0	153.9	153.8	153.7	153.7	153.7	153.6	153.5	153.5	153.4	153.5
117.5°	171.4	171.5	171.6	171.7	171.7	171.5	171.2	170.9	170.6	170.3	170.6
120°	189.3	189.3	189.3	189.3	189.3	189.1	188.8	188.5	188.2	187.9	188.2
122.5°	206.8	206.8	206.7	206.6	206.6	206.5	206.2	206.0	205.7	205.5	205.7
125°	224.0	223.9	223.7	223.6	223.5	223.5	223.4	223.3	223.3	223.2	223.3
127.5°	241.0	241.0	240.9	240.8	240.8	240.7	240.6	240.4	240.3	240.1	240.3
130°	258.0	257.9	257.8	257.7	257.7	257.6	257.5	257.3	257.2	257.0	257.2
132.5°	274.2	274.1	274.0	273.9	273.9	273.8	273.6	273.3	273.1	272.9	273.1
135°	290.8	290.8	290.8	290.8	290.8	290.6	290.3	290.0	289.7	289.4	289.7
137.5°	307.2	307.2	307.3	307.4	307.4	307.2	306.8	306.4	306.0	305.6	306.0
140°	322.4	322.5	322.7	322.8	322.9	322.7	322.3	322.0	321.6	321.2	321.6
142.5°	337.5	337.5	337.6	337.7	337.7	337.5	337.1	336.8	336.4	336.0	336.4
145°	351.8	351.8	351.8	351.8	351.8	351.7	351.5	351.2	351.0	350.8	351.0
147.5°	365.1	365.3	365.6	365.8	365.9	365.6	365.0	364.3	363.7	363.1	363.7
150°	377.9	377.9	377.9	377.9	377.9	377.8	377.7	377.5	377.4	377.2	377.4
152.5°	389.4	389.7	389.9	390.2	390.3	390.1	389.8	389.5	389.1	388.8	389.1
155°	400.4	400.7	401.0	401.3	401.5	401.3	400.9	400.6	400.2	399.8	400.2
157.5°	410.3	410.6	410.9	411.2	411.4	411.1	410.6	410.0	409.5	408.9	409.5
160°	419.1	419.4	419.7	420.0	420.2	420.0	419.6	419.3	418.9	418.5	418.9
162.5°	427.3	427.7	428.1	428.5	428.7	428.5	428.0	427.5	427.1	426.6	427.1
165°	434.6	434.9	435.2	435.5	435.7	435.5	435.0	434.5	434.1	433.6	434.1
167.5°	440.1	440.5	441.0	441.5	441.7	441.5	441.0	440.5	440.1	439.6	440.1
170°	445.0	445.5	446.0	446.5	446.7	446.4	445.9	445.3	444.8	444.2	444.8
172.5°	448.6	449.0	449.5	450.0	450.2	450.0	449.5	449.0	448.6	448.1	448.6
175°	451.0	451.5	452.0	452.5	452.7	452.4	451.9	451.3	450.8	450.2	450.8
177.5°	452.4	452.9	453.4	453.9	454.1	453.8	453.3	452.7	452.2	451.6	452.2
180°	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0

TEST NUMBER: P1028283

CATALOG NUMBER: S125DIP-B850D375UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4
2.5°	1305.3	1298.1	1300.2	1298.1	1292.9	1289.8	1281.5	1271.2	1267.0	1261.9	1258.7
5°	1409.9	1404.7	1403.7	1395.4	1393.3	1380.9	1360.2	1349.8	1337.4	1325.0	1312.6
7.5°	1523.7	1517.5	1496.8	1493.7	1495.8	1480.3	1453.4	1432.7	1406.8	1389.2	1365.4
10°	1617.9	1605.5	1587.9	1589.0	1581.7	1561.0	1534.1	1512.4	1475.1	1452.3	1418.2
12.5°	1674.9	1664.5	1662.5	1652.1	1645.9	1619.0	1586.9	1558.9	1531.0	1499.9	1474.1
15°	1744.2	1730.8	1721.5	1707.0	1702.8	1674.9	1639.7	1607.6	1575.5	1546.5	1491.7
17.5°	1820.8	1806.3	1771.1	1768.0	1743.2	1716.3	1682.1	1634.5	1600.3	1558.9	1518.6
20°	1907.8	1887.1	1841.5	1830.2	1810.5	1766.0	1719.4	1666.6	1611.7	1569.3	1521.7
22.5°	2005.1	1968.9	1935.7	1899.5	1885.0	1830.2	1766.0	1701.8	1635.5	1577.6	1520.6
25°	2131.4	2083.8	2037.2	2001.0	1976.1	1904.7	1818.8	1733.9	1657.3	1581.7	1507.2
27.5°	2230.8	2189.3	2138.6	2091.0	2058.9	1974.0	1875.7	1766.0	1670.7	1578.6	1498.9
30°	2238.0	2225.6	2194.5	2168.6	2133.5	2042.4	1933.7	1809.4	1691.4	1579.6	1482.3
32.5°	2102.4	2127.2	2140.7	2144.8	2137.6	2084.8	1985.4	1848.8	1710.1	1570.3	1467.8
35°	1810.5	1876.7	1958.5	1989.6	2019.6	2047.5	1995.8	1876.7	1716.3	1568.3	1445.1
37.5°	1490.6	1550.7	1686.3	1748.4	1783.6	1894.3	1936.8	1872.6	1728.7	1570.3	1423.3
40°	1202.8	1298.1	1395.4	1479.2	1534.1	1658.3	1789.8	1804.3	1711.1	1550.7	1395.4
42.5°	1012.4	1068.3	1141.8	1219.4	1268.1	1415.1	1593.1	1697.7	1656.2	1518.6	1361.2
45°	862.3	903.7	973.0	998.9	1061.0	1201.8	1390.2	1541.3	1562.0	1467.8	1321.9
47.5°	740.1	775.3	819.8	851.9	901.6	1007.2	1166.6	1333.3	1432.7	1398.5	1267.0
50°	652.1	681.1	718.4	737.0	769.1	864.4	984.4	1150.1	1283.6	1295.0	1195.6
52.5°	578.7	595.2	624.2	644.9	670.8	728.7	837.4	974.1	1124.2	1186.3	1107.6
55°	514.5	527.9	553.8	567.3	580.7	630.4	715.3	839.5	980.3	1062.1	1017.6
57.5°	456.5	467.9	489.6	502.0	509.3	556.9	622.1	719.4	845.7	945.1	920.3
60°	408.9	419.2	431.7	441.0	449.3	488.6	534.1	612.8	725.6	821.9	815.7
62.5°	358.2	367.5	380.9	390.3	397.5	422.3	460.6	520.7	617.0	706.0	723.6
65°	313.7	320.9	330.2	334.4	343.7	362.3	393.4	447.2	525.9	605.6	618.0
67.5°	273.3	275.4	281.6	290.9	292.9	309.5	337.5	377.8	438.9	504.1	523.8
70°	229.8	232.9	238.1	245.3	249.5	259.8	283.6	310.5	363.3	420.3	434.8
72.5°	191.5	195.6	197.7	201.9	203.9	220.5	230.8	257.8	294.0	341.6	357.1
75°	155.3	159.4	160.4	162.5	164.6	171.8	186.3	202.9	232.9	264.0	284.7
77.5°	123.2	122.1	124.2	127.3	126.3	132.5	141.8	156.3	176.0	201.9	215.3
80°	87.0	87.0	90.1	93.2	92.1	98.3	101.4	111.8	128.4	144.9	150.1
82.5°	58.0	58.0	61.1	61.1	63.1	64.2	68.3	73.5	87.0	95.2	98.3
85°	33.1	33.1	34.2	34.2	34.2	36.2	39.3	41.4	45.5	50.7	52.8
87.5°	13.5	14.5	14.5	14.5	14.5	16.6	16.6	18.6	19.7	21.7	21.7
90°	8.0	7.8	7.5	7.4	7.2	6.8	6.4	6.0	5.6	5.1	4.5
92.5°	18.4	18.2	18.1	18.0	17.7	17.2	16.6	16.1	15.5	14.8	14.1
95°	30.0	29.8	29.7	29.6	29.3	28.8	28.2	27.7	27.1	26.3	25.5
97.5°	42.9	42.8	42.7	42.7	42.5	42.0	41.5	41.0	40.5	39.4	38.3
100°	57.5	57.3	57.2	57.1	56.7	56.0	55.3	54.6	53.9	52.9	51.9
102.5°	72.2	71.9	71.7	71.6	71.2	70.4	69.6	68.8	68.0	67.6	67.2
105°	87.0	86.7	86.5	86.4	86.2	85.7	85.2	84.8	84.3	83.8	83.3
107.5°	102.2	102.2	102.2	102.2	102.1	101.9	101.6	101.4	101.2	100.8	100.4
110°	119.3	119.4	119.5	119.5	119.4	119.2	118.9	118.7	118.5	118.3	118.0

TEST NUMBER: P1028283

CATALOG NUMBER: S125DIP-B850D375UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	136.0	136.2	136.3	136.4	136.4	136.3	136.2	136.2	136.1	135.8	135.5
115°	153.5	153.6	153.7	153.7	153.7	153.8	153.9	154.0	154.1	153.9	153.8
117.5°	170.9	171.2	171.5	171.7	171.7	171.6	171.5	171.4	171.3	171.1	171.0
120°	188.5	188.8	189.1	189.3	189.3	189.3	189.3	189.3	189.3	189.2	189.2
122.5°	206.0	206.2	206.5	206.6	206.6	206.7	206.8	206.8	206.9	206.7	206.5
125°	223.3	223.4	223.5	223.5	223.6	223.7	223.9	224.0	224.2	224.1	224.1
127.5°	240.4	240.6	240.7	240.8	240.8	240.9	241.0	241.0	241.1	241.0	241.0
130°	257.3	257.5	257.6	257.7	257.7	257.8	257.9	258.0	258.1	257.9	257.7
132.5°	273.3	273.6	273.8	273.9	273.9	274.0	274.1	274.2	274.3	274.4	274.4
135°	290.0	290.3	290.6	290.8	290.8	290.8	290.8	290.8	290.8	290.7	290.7
137.5°	306.4	306.8	307.2	307.4	307.4	307.3	307.2	307.2	307.1	306.9	306.7
140°	322.0	322.3	322.7	322.9	322.8	322.7	322.5	322.4	322.2	322.0	321.8
142.5°	336.8	337.1	337.5	337.7	337.7	337.6	337.5	337.5	337.4	337.1	336.8
145°	351.2	351.5	351.7	351.8	351.8	351.8	351.8	351.8	351.8	351.6	351.4
147.5°	364.3	365.0	365.6	365.9	365.8	365.6	365.3	365.1	364.9	364.7	364.6
150°	377.5	377.7	377.8	377.9	377.9	377.9	377.9	377.9	377.9	377.6	377.3
152.5°	389.5	389.8	390.1	390.3	390.2	389.9	389.7	389.4	389.2	389.1	389.0
155°	400.6	400.9	401.3	401.5	401.3	401.0	400.7	400.4	400.1	400.0	400.0
157.5°	410.0	410.6	411.1	411.4	411.2	410.9	410.6	410.3	410.0	409.9	409.8
160°	419.3	419.6	420.0	420.2	420.0	419.7	419.4	419.1	418.8	418.7	418.7
162.5°	427.5	428.0	428.5	428.7	428.5	428.1	427.7	427.3	426.9	426.9	426.9
165°	434.5	435.0	435.5	435.7	435.5	435.2	434.9	434.6	434.3	434.2	434.2
167.5°	440.5	441.0	441.5	441.7	441.5	441.0	440.5	440.1	439.6	439.6	439.6
170°	445.3	445.9	446.4	446.7	446.5	446.0	445.5	445.0	444.5	444.5	444.5
172.5°	449.0	449.5	450.0	450.2	450.0	449.5	449.0	448.6	448.1	448.1	448.1
175°	451.3	451.9	452.4	452.7	452.5	452.0	451.5	451.0	450.5	450.5	450.5
177.5°	452.7	453.3	453.8	454.1	453.9	453.4	452.9	452.4	451.9	452.0	452.1
180°	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0

TEST NUMBER: P1028283

CATALOG NUMBER: S125DIP-B850D375UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4
2.5°	1254.6	1249.4	1243.2	1243.2	1236.0	1232.9	1226.7	1224.6	1219.4	1211.1	1204.9
5°	1299.1	1285.7	1277.4	1270.1	1254.6	1243.2	1231.8	1219.4	1207.0	1192.5	1175.9
7.5°	1342.6	1317.8	1306.4	1293.9	1271.2	1247.4	1224.6	1208.0	1191.5	1168.7	1148.0
10°	1388.1	1357.1	1336.4	1319.8	1284.6	1254.6	1221.5	1197.7	1171.8	1142.8	1115.9
12.5°	1426.4	1386.1	1368.5	1337.4	1297.0	1260.8	1219.4	1183.2	1149.0	1114.9	1081.7
15°	1458.5	1420.2	1376.8	1364.3	1308.4	1256.7	1210.1	1163.5	1121.1	1086.9	1048.6
17.5°	1468.9	1420.2	1398.5	1368.5	1302.2	1248.4	1189.4	1138.7	1098.3	1047.6	1017.6
20°	1472.0	1425.4	1395.4	1367.4	1308.4	1237.0	1179.0	1116.9	1068.3	1017.6	969.9
22.5°	1463.7	1408.8	1379.9	1352.9	1286.7	1225.6	1158.3	1090.0	1033.1	986.5	938.9
25°	1448.2	1384.0	1356.1	1327.1	1263.9	1196.6	1123.1	1057.9	1005.1	949.2	902.7
27.5°	1427.5	1354.0	1321.9	1291.9	1229.8	1166.6	1097.3	1030.0	971.0	912.0	868.5
30°	1401.6	1316.7	1287.7	1248.4	1188.4	1128.3	1065.2	997.9	931.6	875.7	828.1
32.5°	1368.5	1279.4	1241.1	1203.9	1138.7	1083.8	1023.8	960.6	896.4	841.6	791.9
35°	1338.5	1237.0	1194.6	1157.3	1084.8	1026.9	977.2	918.2	861.2	804.3	759.8
37.5°	1298.1	1194.6	1143.8	1105.5	1032.0	973.0	926.5	880.9	820.9	766.0	724.6
40°	1255.6	1141.8	1094.2	1055.9	979.3	915.1	870.6	830.2	781.5	730.8	687.3
42.5°	1217.3	1091.1	1040.3	993.7	916.1	859.2	813.6	782.6	738.1	692.5	653.2
45°	1168.7	1037.2	982.4	933.7	859.2	797.1	753.6	728.7	695.6	651.1	617.0
47.5°	1119.0	979.3	922.3	874.7	794.0	739.1	696.7	672.8	650.1	614.9	580.7
50°	1053.8	918.2	866.4	811.6	731.9	676.0	640.8	617.0	599.4	574.5	545.5
52.5°	982.4	855.0	799.1	751.5	672.8	622.1	581.8	568.3	550.7	532.1	507.2
55°	906.8	786.7	732.9	686.3	613.8	562.1	529.0	514.5	501.0	486.5	470.0
57.5°	831.2	715.3	664.6	623.2	555.9	506.2	479.3	459.6	450.3	442.0	428.6
60°	737.0	638.7	599.4	562.1	495.8	450.3	424.4	409.9	401.6	397.5	391.3
62.5°	654.2	573.5	530.0	493.8	441.0	400.6	375.8	364.4	357.1	355.1	347.8
65°	566.2	496.9	462.7	431.7	386.1	349.9	329.2	315.7	310.5	309.5	309.5
67.5°	483.4	427.5	393.4	371.6	332.3	300.2	280.5	275.4	272.2	268.1	267.1
70°	405.8	361.3	331.2	312.6	277.4	253.6	238.1	229.8	229.8	226.7	224.6
72.5°	337.5	292.9	273.3	257.8	228.8	208.1	196.7	194.6	187.4	186.3	186.3
75°	264.0	230.8	217.4	203.9	182.2	167.7	158.4	153.2	149.1	149.1	150.1
77.5°	198.7	176.0	163.6	153.2	137.7	128.4	121.1	119.0	114.9	114.9	114.9
80°	140.8	128.4	119.0	110.8	99.4	91.1	87.0	82.8	82.8	81.8	82.8
82.5°	91.1	80.7	75.6	74.5	64.2	61.1	55.9	56.9	53.8	52.8	54.9
85°	52.8	47.6	41.4	39.3	35.2	31.1	29.0	30.0	29.0	27.9	29.0
87.5°	20.7	17.6	16.6	16.6	13.5	12.4	11.4	12.4	10.4	10.4	11.4
90°	4.0	3.5	3.2	2.9	2.3	1.6	1.0	0.4	1.0	1.6	2.3
92.5°	13.4	12.7	12.3	12.1	11.7	11.4	11.0	10.6	11.0	11.4	11.7
95°	24.8	24.0	23.6	23.5	23.4	23.2	23.1	22.9	23.1	23.2	23.4
97.5°	37.2	36.1	35.6	35.6	35.5	35.4	35.4	35.3	35.4	35.4	35.5
100°	50.9	49.9	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
102.5°	66.9	66.5	66.3	66.1	65.7	65.3	64.9	64.5	64.9	65.3	65.7
105°	82.8	82.3	82.1	81.9	81.5	81.2	80.8	80.4	80.8	81.2	81.5
107.5°	100.0	99.6	99.4	99.2	98.8	98.5	98.1	97.7	98.1	98.5	98.8
110°	117.8	117.5	117.4	117.2	116.8	116.4	116.0	115.6	116.0	116.4	116.8

TEST NUMBER: P1028283

CATALOG NUMBER: S125DIP-B850D375UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	135.2	134.9	134.7	134.6	134.5	134.3	134.2	134.0	134.2	134.3	134.5
115°	153.6	153.5	153.4	153.2	152.9	152.6	152.2	151.9	152.2	152.6	152.9
117.5°	170.8	170.7	170.6	170.6	170.5	170.4	170.4	170.3	170.4	170.4	170.5
120°	189.1	189.0	189.0	188.8	188.4	188.0	187.6	187.2	187.6	188.0	188.4
122.5°	206.2	206.0	205.9	205.9	205.8	205.7	205.6	205.5	205.6	205.7	205.8
125°	224.0	223.9	223.9	223.7	223.2	222.7	222.2	221.7	222.2	222.7	223.2
127.5°	240.9	240.8	240.8	240.7	240.4	240.2	239.9	239.7	239.9	240.2	240.4
130°	257.6	257.4	257.3	257.1	256.7	256.4	256.0	255.6	256.0	256.4	256.7
132.5°	274.5	274.6	274.6	274.2	273.5	272.8	272.1	271.4	272.1	272.8	273.5
135°	290.6	290.5	290.5	290.3	289.8	289.3	288.9	288.4	288.9	289.3	289.8
137.5°	306.6	306.4	306.3	306.1	305.6	305.1	304.7	304.2	304.7	305.1	305.6
140°	321.5	321.3	321.2	321.0	320.6	320.2	319.8	319.4	319.8	320.2	320.6
142.5°	336.5	336.2	336.0	335.8	335.5	335.2	334.9	334.6	334.9	335.2	335.5
145°	351.1	350.9	350.8	350.6	350.3	350.0	349.7	349.4	349.7	350.0	350.3
147.5°	364.4	364.3	364.2	364.1	363.8	363.6	363.3	363.1	363.3	363.6	363.8
150°	377.0	376.7	376.5	376.5	376.6	376.7	376.8	376.9	376.8	376.7	376.6
152.5°	388.9	388.8	388.8	388.7	388.6	388.4	388.3	388.1	388.3	388.4	388.6
155°	399.9	399.8	399.8	399.8	399.8	399.8	399.8	399.8	399.8	399.8	399.8
157.5°	409.7	409.6	409.6	409.7	409.8	410.0	410.1	410.3	410.1	410.0	409.8
160°	418.6	418.5	418.5	418.6	418.8	419.1	419.3	419.5	419.3	419.1	418.8
162.5°	426.9	426.9	426.9	427.0	427.1	427.3	427.4	427.6	427.4	427.3	427.1
165°	434.1	434.0	434.0	434.1	434.2	434.4	434.5	434.7	434.5	434.4	434.2
167.5°	439.6	439.6	439.6	439.8	440.1	440.4	440.7	441.0	440.7	440.4	440.1
170°	444.5	444.5	444.5	444.7	445.0	445.3	445.7	446.0	445.7	445.3	445.0
172.5°	448.1	448.1	448.1	448.3	448.6	448.9	449.2	449.5	449.2	448.9	448.6
175°	450.5	450.5	450.5	450.7	451.0	451.3	451.6	451.9	451.6	451.3	451.0
177.5°	452.2	452.3	452.3	452.5	452.8	453.1	453.4	453.7	453.4	453.1	452.8
180°	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0

TEST NUMBER: P1028283

CATALOG NUMBER: S125DIP-B850D375UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4
2.5°	1202.8	1200.8	1195.6	1192.5	1182.1	1169.7	1165.6	1155.2	1159.4	1152.1	1152.1
5°	1170.8	1161.4	1155.2	1145.9	1126.2	1112.8	1098.3	1091.1	1086.9	1081.7	1077.6
7.5°	1129.4	1122.1	1115.9	1098.3	1076.6	1057.9	1040.3	1033.1	1019.6	1010.3	1006.2
10°	1093.1	1082.8	1068.3	1047.6	1024.8	1001.0	985.5	969.9	959.6	954.4	943.0
12.5°	1055.9	1043.4	1027.9	997.9	973.0	958.6	930.6	916.1	910.9	906.8	893.3
15°	1017.6	1004.1	985.5	957.5	935.8	901.6	885.1	873.7	861.2	860.2	849.9
17.5°	983.4	966.8	951.3	917.1	890.2	860.2	850.9	838.5	827.1	814.7	809.5
20°	939.9	924.4	913.0	875.7	845.7	827.1	811.6	801.2	794.0	781.5	779.5
22.5°	900.6	884.0	868.5	840.5	814.7	790.9	772.2	760.8	757.7	752.6	743.2
25°	862.3	845.7	827.1	801.2	774.3	757.7	741.2	733.9	727.7	719.4	712.2
27.5°	830.2	814.7	797.1	765.0	742.2	729.8	712.2	703.9	695.6	691.5	688.4
30°	791.9	774.3	760.8	736.0	711.2	694.6	682.2	674.9	667.7	663.5	661.5
32.5°	754.6	738.1	728.7	701.8	682.2	662.5	653.2	648.0	643.9	639.7	635.6
35°	724.6	708.0	693.6	668.7	649.0	635.6	628.3	620.1	617.0	612.8	612.8
37.5°	687.3	674.9	660.4	636.6	619.0	608.7	602.5	592.1	591.1	589.0	585.9
40°	655.3	642.8	629.4	608.7	593.1	580.7	572.4	567.3	564.2	562.1	560.0
42.5°	621.1	607.6	601.4	577.6	564.2	551.7	547.6	542.4	541.4	537.2	532.1
45°	588.0	576.6	564.2	546.6	535.2	524.8	518.6	514.5	509.3	508.3	505.2
47.5°	559.0	545.5	534.1	517.6	505.2	496.9	491.7	486.5	482.4	479.3	476.2
50°	521.7	511.4	502.0	484.5	474.1	465.8	458.6	454.4	450.3	450.3	450.3
52.5°	485.5	476.2	467.9	455.5	443.0	435.8	427.5	424.4	422.3	419.2	422.3
55°	450.3	441.0	432.7	423.4	408.9	402.7	394.4	391.3	392.3	392.3	395.4
57.5°	413.0	405.8	400.6	389.2	375.8	369.5	364.4	361.3	361.3	365.4	366.4
60°	376.8	369.5	360.2	349.9	341.6	334.4	331.2	332.3	332.3	334.4	339.5
62.5°	336.4	332.3	327.1	312.6	307.4	302.3	298.1	301.2	300.2	305.4	312.6
65°	299.2	295.0	287.8	280.5	274.3	269.1	268.1	269.1	271.2	276.4	284.7
67.5°	257.8	257.8	251.5	245.3	240.2	235.0	236.0	237.1	239.1	245.3	257.8
70°	223.6	219.5	213.2	209.1	205.0	202.9	200.8	205.0	211.2	215.3	224.6
72.5°	186.3	183.2	178.0	173.9	172.9	170.8	169.8	171.8	178.0	185.3	195.6
75°	147.0	148.0	144.9	141.8	141.8	138.7	140.8	140.8	147.0	154.2	162.5
77.5°	113.9	112.8	111.8	109.7	108.7	108.7	108.7	110.8	117.0	121.1	129.4
80°	80.7	81.8	78.7	79.7	78.7	79.7	79.7	83.8	87.0	92.1	98.3
82.5°	53.8	53.8	51.8	52.8	52.8	52.8	53.8	55.9	60.0	64.2	68.3
85°	30.0	31.1	29.0	31.1	31.1	31.1	32.1	33.1	36.2	37.3	41.4
87.5°	11.4	13.5	13.5	11.4	12.4	13.5	14.5	13.5	15.5	17.6	18.6
90°	2.9	3.2	3.5	4.0	4.5	5.1	5.6	6.0	6.4	6.8	7.2
92.5°	12.1	12.3	12.7	13.4	14.1	14.8	15.5	16.1	16.6	17.2	17.7
95°	23.5	23.6	24.0	24.8	25.5	26.3	27.1	27.7	28.2	28.8	29.3
97.5°	35.6	35.6	36.1	37.2	38.3	39.4	40.5	41.0	41.5	42.0	42.5
100°	49.4	49.4	49.9	50.9	51.9	52.9	53.9	54.6	55.3	56.0	56.7
102.5°	66.1	66.3	66.5	66.9	67.2	67.6	68.0	68.8	69.6	70.4	71.2
105°	81.9	82.1	82.3	82.8	83.3	83.8	84.3	84.8	85.2	85.7	86.2
107.5°	99.2	99.4	99.6	100.0	100.4	100.8	101.2	101.4	101.6	101.9	102.1
110°	117.2	117.4	117.5	117.8	118.0	118.3	118.5	118.7	118.9	119.2	119.4

TEST NUMBER: P1028283

CATALOG NUMBER: S125DIP-B850D375UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	134.6	134.7	134.9	135.2	135.5	135.8	136.1	136.2	136.2	136.3	136.4
115°	153.2	153.4	153.5	153.6	153.8	153.9	154.1	154.0	153.9	153.8	153.7
117.5°	170.6	170.6	170.7	170.8	171.0	171.1	171.3	171.4	171.5	171.6	171.7
120°	188.8	189.0	189.0	189.1	189.2	189.2	189.3	189.3	189.3	189.3	189.3
122.5°	205.9	205.9	206.0	206.2	206.5	206.7	206.9	206.8	206.8	206.7	206.6
125°	223.7	223.9	223.9	224.0	224.1	224.1	224.2	224.0	223.9	223.7	223.6
127.5°	240.7	240.8	240.8	240.9	241.0	241.0	241.1	241.0	241.0	240.9	240.8
130°	257.1	257.3	257.4	257.6	257.7	257.9	258.1	258.0	257.9	257.8	257.7
132.5°	274.2	274.6	274.6	274.5	274.4	274.4	274.3	274.2	274.1	274.0	273.9
135°	290.3	290.5	290.5	290.6	290.7	290.7	290.8	290.8	290.8	290.8	290.8
137.5°	306.1	306.3	306.4	306.6	306.7	306.9	307.1	307.2	307.2	307.3	307.4
140°	321.0	321.2	321.3	321.5	321.8	322.0	322.2	322.4	322.5	322.7	322.8
142.5°	335.8	336.0	336.2	336.5	336.8	337.1	337.4	337.5	337.5	337.6	337.7
145°	350.6	350.8	350.9	351.1	351.4	351.6	351.8	351.8	351.8	351.8	351.8
147.5°	364.1	364.2	364.3	364.4	364.6	364.7	364.9	365.1	365.3	365.6	365.8
150°	376.5	376.5	376.7	377.0	377.3	377.6	377.9	377.9	377.9	377.9	377.9
152.5°	388.7	388.8	388.8	388.9	389.0	389.1	389.2	389.4	389.7	389.9	390.2
155°	399.8	399.8	399.8	399.9	400.0	400.0	400.1	400.4	400.7	401.0	401.3
157.5°	409.7	409.6	409.6	409.7	409.8	409.9	410.0	410.3	410.6	410.9	411.2
160°	418.6	418.5	418.5	418.6	418.7	418.7	418.8	419.1	419.4	419.7	420.0
162.5°	427.0	426.9	426.9	426.9	426.9	426.9	426.9	427.3	427.7	428.1	428.5
165°	434.1	434.0	434.0	434.1	434.2	434.2	434.3	434.6	434.9	435.2	435.5
167.5°	439.8	439.6	439.6	439.6	439.6	439.6	439.6	440.1	440.5	441.0	441.5
170°	444.7	444.5	444.5	444.5	444.5	444.5	444.5	445.0	445.5	446.0	446.5
172.5°	448.3	448.1	448.1	448.1	448.1	448.1	448.1	448.6	449.0	449.5	450.0
175°	450.7	450.5	450.5	450.5	450.5	450.5	450.5	451.0	451.5	452.0	452.5
177.5°	452.5	452.3	452.3	452.2	452.1	452.0	451.9	452.4	452.9	453.4	453.9
180°	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0

TEST NUMBER: P1028283

CATALOG NUMBER: S125DIP-B850D375UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4
2.5°	1156.3	1149.0	1148.0	1150.1	1145.9	1152.1	1150.1	1152.1	1146.9	1152.1	1149.0
5°	1076.6	1074.5	1070.3	1065.2	1066.2	1067.2	1072.4	1067.2	1071.4	1072.4	1077.6
7.5°	1002.0	997.9	1001.0	998.9	989.6	987.5	989.6	992.7	998.9	1003.1	1006.2
10°	942.0	939.9	935.8	932.7	927.5	924.4	928.5	924.4	932.7	939.9	939.9
12.5°	896.4	888.2	883.0	882.0	870.6	872.6	876.8	879.9	889.2	893.3	893.3
15°	848.8	842.6	840.5	836.4	832.3	836.4	834.3	837.4	841.6	845.7	847.8
17.5°	807.4	806.4	807.4	797.1	800.2	795.0	796.0	801.2	798.1	801.2	807.4
20°	770.2	772.2	769.1	765.0	765.0	758.8	766.0	763.9	765.0	771.2	780.5
22.5°	742.2	741.2	738.1	735.0	730.8	731.9	732.9	730.8	739.1	744.3	745.3
25°	712.2	710.1	709.1	706.0	701.8	706.0	704.9	706.0	708.0	716.3	710.1
27.5°	684.2	680.1	682.2	679.1	678.0	679.1	679.1	680.1	682.2	683.2	684.2
30°	660.4	656.3	655.3	653.2	652.1	653.2	655.3	653.2	661.5	660.4	660.4
32.5°	634.5	631.4	629.4	629.4	628.3	627.3	628.3	629.4	635.6	631.4	635.6
35°	609.7	607.6	607.6	605.6	604.5	604.5	604.5	608.7	606.6	609.7	609.7
37.5°	585.9	585.9	584.9	582.8	581.8	582.8	581.8	583.8	582.8	583.8	584.9
40°	561.1	559.0	557.9	557.9	554.8	551.7	554.8	554.8	555.9	559.0	560.0
42.5°	531.0	532.1	532.1	527.9	527.9	527.9	529.0	530.0	530.0	532.1	532.1
45°	505.2	503.1	503.1	503.1	501.0	502.0	504.1	504.1	504.1	504.1	502.0
47.5°	476.2	476.2	477.2	477.2	480.3	479.3	479.3	478.2	476.2	476.2	477.2
50°	449.3	452.4	453.4	453.4	454.4	455.5	455.5	453.4	452.4	449.3	449.3
52.5°	423.4	425.4	427.5	430.6	432.7	431.7	431.7	429.6	425.4	424.4	423.4
55°	395.4	398.5	402.7	405.8	408.9	409.9	409.9	405.8	401.6	396.5	396.5
57.5°	369.5	372.7	379.9	383.0	387.1	387.1	385.1	382.0	375.8	371.6	368.5
60°	343.7	348.8	354.0	360.2	365.4	366.4	363.3	359.2	352.0	346.8	342.6
62.5°	315.7	320.9	331.2	337.5	341.6	341.6	341.6	336.4	327.1	319.9	313.7
65°	288.8	294.0	303.3	311.6	314.7	317.8	314.7	309.5	302.3	294.0	287.8
67.5°	260.9	267.1	276.4	282.6	286.7	289.8	287.8	283.6	274.3	262.9	258.8
70°	229.8	232.9	246.4	252.6	258.8	260.9	258.8	252.6	243.3	230.8	226.7
72.5°	200.8	203.9	216.3	221.5	226.7	228.8	225.7	221.5	213.2	201.9	196.7
75°	167.7	172.9	179.1	187.4	193.6	195.6	192.5	189.4	179.1	171.8	167.7
77.5°	132.5	137.7	146.0	153.2	159.4	158.4	154.2	155.3	143.9	135.6	132.5
80°	100.4	104.6	110.8	117.0	120.1	120.1	119.0	114.9	110.8	104.6	99.4
82.5°	69.4	74.5	79.7	83.8	83.8	84.9	82.8	81.8	77.6	72.5	71.4
85°	41.4	42.4	46.6	46.6	50.7	48.7	47.6	50.7	46.6	43.5	42.4
87.5°	18.6	17.6	18.6	18.6	17.6	19.7	19.7	18.6	19.7	18.6	18.6
90°	7.4	7.5	7.8	8.0	8.3	8.5	8.3	8.0	7.8	7.5	7.4
92.5°	18.0	18.1	18.2	18.4	18.5	18.7	18.5	18.4	18.2	18.1	18.0
95°	29.6	29.7	29.8	30.0	30.1	30.3	30.1	30.0	29.8	29.7	29.6
97.5°	42.7	42.7	42.8	42.9	42.9	43.0	42.9	42.9	42.8	42.7	42.7
100°	57.1	57.2	57.3	57.5	57.6	57.8	57.6	57.5	57.3	57.2	57.1
102.5°	71.6	71.7	71.9	72.2	72.4	72.6	72.4	72.2	71.9	71.7	71.6
105°	86.4	86.5	86.7	87.0	87.2	87.4	87.2	87.0	86.7	86.5	86.4
107.5°	102.2	102.2	102.2	102.2	102.2	102.2	102.2	102.2	102.2	102.2	102.2
110°	119.5	119.5	119.4	119.3	119.3	119.2	119.3	119.3	119.4	119.5	119.5

TEST NUMBER: P1028283

CATALOG NUMBER: S125DIP-B850D375UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	136.4	136.3	136.2	136.0	135.9	135.7	135.9	136.0	136.2	136.3	136.4
115°	153.7	153.7	153.6	153.5	153.5	153.4	153.5	153.5	153.6	153.7	153.7
117.5°	171.7	171.5	171.2	170.9	170.6	170.3	170.6	170.9	171.2	171.5	171.7
120°	189.3	189.1	188.8	188.5	188.2	187.9	188.2	188.5	188.8	189.1	189.3
122.5°	206.6	206.5	206.2	206.0	205.7	205.5	205.7	206.0	206.2	206.5	206.6
125°	223.5	223.5	223.4	223.3	223.3	223.2	223.3	223.3	223.4	223.5	223.5
127.5°	240.8	240.7	240.6	240.4	240.3	240.1	240.3	240.4	240.6	240.7	240.8
130°	257.7	257.6	257.5	257.3	257.2	257.0	257.2	257.3	257.5	257.6	257.7
132.5°	273.9	273.8	273.6	273.3	273.1	272.9	273.1	273.3	273.6	273.8	273.9
135°	290.8	290.6	290.3	290.0	289.7	289.4	289.7	290.0	290.3	290.6	290.8
137.5°	307.4	307.2	306.8	306.4	306.0	305.6	306.0	306.4	306.8	307.2	307.4
140°	322.9	322.7	322.3	322.0	321.6	321.2	321.6	322.0	322.3	322.7	322.9
142.5°	337.7	337.5	337.1	336.8	336.4	336.0	336.4	336.8	337.1	337.5	337.7
145°	351.8	351.7	351.5	351.2	351.0	350.8	351.0	351.2	351.5	351.7	351.8
147.5°	365.9	365.6	365.0	364.3	363.7	363.1	363.7	364.3	365.0	365.6	365.9
150°	377.9	377.8	377.7	377.5	377.4	377.2	377.4	377.5	377.7	377.8	377.9
152.5°	390.3	390.1	389.8	389.5	389.1	388.8	389.1	389.5	389.8	390.1	390.3
155°	401.5	401.3	400.9	400.6	400.2	399.8	400.2	400.6	400.9	401.3	401.5
157.5°	411.4	411.1	410.6	410.0	409.5	408.9	409.5	410.0	410.6	411.1	411.4
160°	420.2	420.0	419.6	419.3	418.9	418.5	418.9	419.3	419.6	420.0	420.2
162.5°	428.7	428.5	428.0	427.5	427.1	426.6	427.1	427.5	428.0	428.5	428.7
165°	435.7	435.5	435.0	434.5	434.1	433.6	434.1	434.5	435.0	435.5	435.7
167.5°	441.7	441.5	441.0	440.5	440.1	439.6	440.1	440.5	441.0	441.5	441.7
170°	446.7	446.4	445.9	445.3	444.8	444.2	444.8	445.3	445.9	446.4	446.7
172.5°	450.2	450.0	449.5	449.0	448.6	448.1	448.6	449.0	449.5	450.0	450.2
175°	452.7	452.4	451.9	451.3	450.8	450.2	450.8	451.3	451.9	452.4	452.7
177.5°	454.1	453.8	453.3	452.7	452.2	451.6	452.2	452.7	453.3	453.8	454.1
180°	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0

TEST NUMBER: P1028283

CATALOG NUMBER: S125DIP-B850D375UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4
2.5°	1158.3	1152.1	1159.4	1150.1	1152.1	1163.5	1162.5	1172.8	1179.0	1178.0	1183.2
5°	1081.7	1081.7	1084.8	1083.8	1094.2	1103.5	1115.9	1126.2	1137.6	1143.8	1151.1
7.5°	1006.2	1016.5	1018.6	1023.8	1036.2	1051.7	1064.1	1079.7	1096.2	1107.6	1115.9
10°	944.1	952.3	960.6	964.8	978.2	998.9	1016.5	1041.4	1062.1	1074.5	1085.9
12.5°	889.2	898.5	902.7	921.3	930.6	944.1	968.9	995.8	1018.6	1032.0	1041.4
15°	849.9	855.0	864.4	875.7	885.1	901.6	922.3	952.3	974.1	985.5	1017.6
17.5°	816.7	822.9	828.1	833.3	847.8	865.4	885.1	910.9	938.9	958.6	975.1
20°	782.6	785.7	791.9	800.2	810.5	827.1	844.7	871.6	896.4	912.0	933.7
22.5°	742.2	751.5	757.7	763.9	775.3	794.0	810.5	830.2	861.2	878.8	901.6
25°	718.4	722.5	726.7	733.9	742.2	758.8	777.4	798.1	822.9	841.6	861.2
27.5°	687.3	693.6	698.7	708.0	713.2	726.7	744.3	765.0	795.0	810.5	827.1
30°	661.5	667.7	671.8	676.0	683.2	697.7	714.3	730.8	758.8	778.4	795.0
32.5°	635.6	641.8	647.0	650.1	657.3	666.6	680.1	700.8	724.6	738.1	759.8
35°	612.8	612.8	619.0	623.2	629.4	637.7	650.1	665.6	690.4	708.0	727.7
37.5°	586.9	588.0	593.1	596.2	602.5	610.7	623.2	637.7	658.4	671.8	691.5
40°	560.0	563.1	565.2	570.4	577.6	580.7	593.1	609.7	630.4	642.8	659.4
42.5°	533.1	535.2	540.3	544.5	550.7	555.9	564.2	579.7	595.2	613.8	627.3
45°	503.1	508.3	511.4	518.6	521.7	526.9	535.2	547.6	566.2	577.6	593.1
47.5°	477.2	479.3	481.3	490.7	496.9	500.0	508.3	515.5	535.2	545.5	560.0
50°	449.3	449.3	452.4	456.5	463.7	470.0	477.2	485.5	501.0	511.4	525.9
52.5°	423.4	420.3	422.3	424.4	431.7	437.9	445.1	456.5	471.0	477.2	489.6
55°	395.4	390.3	393.4	396.5	398.5	406.8	415.1	422.3	433.7	443.0	454.4
57.5°	365.4	364.4	362.3	363.3	368.5	373.7	379.9	389.2	402.7	409.9	416.1
60°	338.5	332.3	330.2	332.3	335.4	338.5	346.8	355.1	366.4	373.7	380.9
62.5°	310.5	304.3	300.2	297.1	300.2	307.4	312.6	318.8	328.1	336.4	342.6
65°	283.6	274.3	270.2	268.1	267.1	272.2	276.4	284.7	292.9	296.1	303.3
67.5°	253.6	245.3	240.2	237.1	237.1	237.1	241.2	249.5	257.8	258.8	266.0
70°	223.6	214.3	209.1	205.0	202.9	205.0	210.1	211.2	218.4	220.5	224.6
72.5°	191.5	183.2	177.0	171.8	172.9	174.9	174.9	177.0	181.2	186.3	186.3
75°	161.5	150.1	147.0	142.9	140.8	140.8	140.8	144.9	148.0	152.2	151.1
77.5°	127.3	121.1	114.9	112.8	109.7	108.7	110.8	110.8	112.8	115.9	117.0
80°	98.3	91.1	87.0	84.9	80.7	79.7	80.7	80.7	83.8	82.8	83.8
82.5°	68.3	63.1	60.0	56.9	54.9	55.9	54.9	54.9	55.9	54.9	54.9
85°	39.3	38.3	36.2	35.2	34.2	32.1	34.2	33.1	32.1	31.1	33.1
87.5°	18.6	17.6	17.6	15.5	15.5	14.5	15.5	15.5	14.5	14.5	14.5
90°	7.2	6.8	6.4	6.0	5.6	5.1	4.5	4.0	3.5	3.2	2.9
92.5°	17.7	17.2	16.6	16.1	15.5	14.8	14.1	13.4	12.7	12.3	12.1
95°	29.3	28.8	28.2	27.7	27.1	26.3	25.5	24.8	24.0	23.6	23.5
97.5°	42.5	42.0	41.5	41.0	40.5	39.4	38.3	37.2	36.1	35.6	35.6
100°	56.7	56.0	55.3	54.6	53.9	52.9	51.9	50.9	49.9	49.4	49.4
102.5°	71.2	70.4	69.6	68.8	68.0	67.6	67.2	66.9	66.5	66.3	66.1
105°	86.2	85.7	85.2	84.8	84.3	83.8	83.3	82.8	82.3	82.1	81.9
107.5°	102.1	101.9	101.6	101.4	101.2	100.8	100.4	100.0	99.6	99.4	99.2
110°	119.4	119.2	118.9	118.7	118.5	118.3	118.0	117.8	117.5	117.4	117.2

TEST NUMBER: P1028283

CATALOG NUMBER: S125DIP-B850D375UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	136.4	136.3	136.2	136.2	136.1	135.8	135.5	135.2	134.9	134.7	134.6
115°	153.7	153.8	153.9	154.0	154.1	153.9	153.8	153.6	153.5	153.4	153.2
117.5°	171.7	171.6	171.5	171.4	171.3	171.1	171.0	170.8	170.7	170.6	170.6
120°	189.3	189.3	189.3	189.3	189.3	189.2	189.2	189.1	189.0	189.0	188.8
122.5°	206.6	206.7	206.8	206.8	206.9	206.7	206.5	206.2	206.0	205.9	205.9
125°	223.6	223.7	223.9	224.0	224.2	224.1	224.1	224.0	223.9	223.9	223.7
127.5°	240.8	240.9	241.0	241.0	241.1	241.0	241.0	240.9	240.8	240.8	240.7
130°	257.7	257.8	257.9	258.0	258.1	257.9	257.7	257.6	257.4	257.3	257.1
132.5°	273.9	274.0	274.1	274.2	274.3	274.4	274.4	274.5	274.6	274.6	274.2
135°	290.8	290.8	290.8	290.8	290.8	290.7	290.7	290.6	290.5	290.5	290.3
137.5°	307.4	307.3	307.2	307.2	307.1	306.9	306.7	306.6	306.4	306.3	306.1
140°	322.8	322.7	322.5	322.4	322.2	322.0	321.8	321.5	321.3	321.2	321.0
142.5°	337.7	337.6	337.5	337.5	337.4	337.1	336.8	336.5	336.2	336.0	335.8
145°	351.8	351.8	351.8	351.8	351.8	351.6	351.4	351.1	350.9	350.8	350.6
147.5°	365.8	365.6	365.3	365.1	364.9	364.7	364.6	364.4	364.3	364.2	364.1
150°	377.9	377.9	377.9	377.9	377.9	377.6	377.3	377.0	376.7	376.5	376.5
152.5°	390.2	389.9	389.7	389.4	389.2	389.1	389.0	388.9	388.8	388.8	388.7
155°	401.3	401.0	400.7	400.4	400.1	400.0	400.0	399.9	399.8	399.8	399.8
157.5°	411.2	410.9	410.6	410.3	410.0	409.9	409.8	409.7	409.6	409.6	409.7
160°	420.0	419.7	419.4	419.1	418.8	418.7	418.7	418.6	418.5	418.5	418.6
162.5°	428.5	428.1	427.7	427.3	426.9	426.9	426.9	426.9	426.9	426.9	427.0
165°	435.5	435.2	434.9	434.6	434.3	434.2	434.2	434.1	434.0	434.0	434.1
167.5°	441.5	441.0	440.5	440.1	439.6	439.6	439.6	439.6	439.6	439.6	439.8
170°	446.5	446.0	445.5	445.0	444.5	444.5	444.5	444.5	444.5	444.5	444.7
172.5°	450.0	449.5	449.0	448.6	448.1	448.1	448.1	448.1	448.1	448.1	448.3
175°	452.5	452.0	451.5	451.0	450.5	450.5	450.5	450.5	450.5	450.5	450.7
177.5°	453.9	453.4	452.9	452.4	451.9	452.0	452.1	452.2	452.3	452.3	452.5
180°	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0	453.0

TEST NUMBER: P1028283

CATALOG NUMBER: S125DIP-B850D375UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1219.4	1219.4	1219.4	1219.4
2.5°	1190.4	1200.8	1208.0	1221.5
5°	1163.5	1182.1	1199.7	1218.4
7.5°	1136.6	1158.3	1186.3	1210.1
10°	1106.6	1134.5	1167.7	1199.7
12.5°	1076.6	1109.7	1145.9	1188.4
15°	1040.3	1082.8	1125.2	1170.8
17.5°	1008.2	1051.7	1097.3	1154.2
20°	972.0	1019.6	1069.3	1127.3
22.5°	939.9	992.7	1044.5	1105.5
25°	903.7	955.4	1012.4	1077.6
27.5°	873.7	921.3	977.2	1047.6
30°	837.4	889.2	945.1	1015.5
32.5°	803.3	853.0	912.0	981.3
35°	768.1	818.8	871.6	937.8
37.5°	735.0	778.4	831.2	894.4
40°	697.7	745.3	792.9	842.6
42.5°	663.5	707.0	751.5	790.9
45°	625.2	662.5	704.9	737.0
47.5°	590.0	623.2	656.3	681.1
50°	554.8	580.7	605.6	627.3
52.5°	513.4	542.4	555.9	569.3
55°	476.2	492.7	505.2	518.6
57.5°	439.9	447.2	453.4	465.8
60°	392.3	400.6	407.9	417.2
62.5°	350.9	355.1	357.1	366.4
65°	311.6	310.5	315.7	320.9
67.5°	269.1	268.1	273.3	275.4
70°	227.7	226.7	227.7	232.9
72.5°	188.4	188.4	189.4	191.5
75°	152.2	152.2	153.2	155.3
77.5°	114.9	117.0	115.9	120.1
80°	83.8	81.8	83.8	85.9
82.5°	54.9	56.9	56.9	54.9
85°	31.1	31.1	31.1	31.1
87.5°	13.5	13.5	14.5	15.5
90°	2.3	1.6	1.0	0.4
92.5°	11.7	11.4	11.0	10.6
95°	23.4	23.2	23.1	22.9
97.5°	35.5	35.4	35.4	35.3
100°	49.4	49.4	49.4	49.4
102.5°	65.7	65.3	64.9	64.5
105°	81.5	81.2	80.8	80.4
107.5°	98.8	98.5	98.1	97.7
110°	116.8	116.4	116.0	115.6



TEST NUMBER: P1028283

CATALOG NUMBER: S125DIP-B850D375UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	134.5	134.3	134.2	134.0
115°	152.9	152.6	152.2	151.9
117.5°	170.5	170.4	170.4	170.3
120°	188.4	188.0	187.6	187.2
122.5°	205.8	205.7	205.6	205.5
125°	223.2	222.7	222.2	221.7
127.5°	240.4	240.2	239.9	239.7
130°	256.7	256.4	256.0	255.6
132.5°	273.5	272.8	272.1	271.4
135°	289.8	289.3	288.9	288.4
137.5°	305.6	305.1	304.7	304.2
140°	320.6	320.2	319.8	319.4
142.5°	335.5	335.2	334.9	334.6
145°	350.3	350.0	349.7	349.4
147.5°	363.8	363.6	363.3	363.1
150°	376.6	376.7	376.8	376.9
152.5°	388.6	388.4	388.3	388.1
155°	399.8	399.8	399.8	399.8
157.5°	409.8	410.0	410.1	410.3
160°	418.8	419.1	419.3	419.5
162.5°	427.1	427.3	427.4	427.6
165°	434.2	434.4	434.5	434.7
167.5°	440.1	440.4	440.7	441.0
170°	445.0	445.3	445.7	446.0
172.5°	448.6	448.9	449.2	449.5
175°	451.0	451.3	451.6	451.9
177.5°	452.8	453.1	453.4	453.7
180°	453.0	453.0	453.0	453.0

(END OF REPORT)