

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: P1028212

Luminaire Tested: S125DIP-B850D1090UB35-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1028212
REPORT IS A COMBINATION OF REPORTS P1002454 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B850D1090UB35-4F0-XX-W2A-A4
Description: Define 5 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

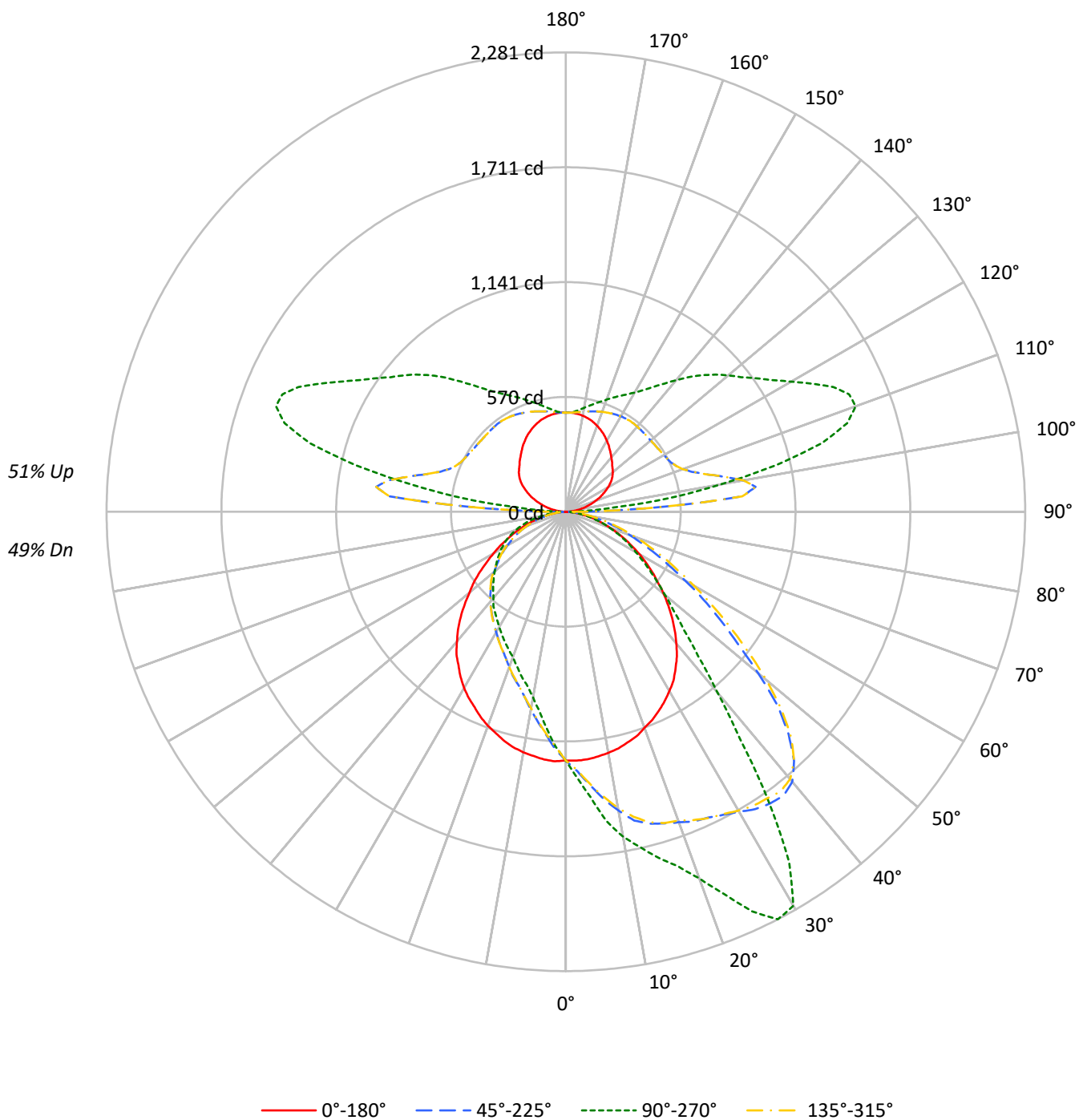
Lumens per Lamp: N/A
Luminaire Lumens: 7185.0 lumens
Efficiency: N/A
Efficacy: 111.6 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 64.4
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					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	107	107	107	107	98	98	98	98	83	83	83	68	68	68	55	55	55	49		
1	98	93	90	86	90	86	83	80	73	70	68	60	59	57	49	48	47	41		
2	89	82	76	71	82	76	70	66	64	60	57	53	50	48	43	41	40	35		
3	81	72	65	59	75	67	60	55	57	52	48	47	44	41	38	36	34	30		
4	75	64	56	50	68	59	52	47	50	45	41	42	38	35	34	32	29	26		
5	68	57	49	43	63	53	46	40	45	40	35	38	34	30	31	28	26	22		
6	63	51	43	37	58	47	40	35	41	35	31	34	30	27	28	25	23	20		
7	58	46	38	33	54	43	36	31	37	31	27	31	27	24	26	23	20	17		
8	54	42	34	29	50	39	32	27	34	28	24	28	24	21	24	20	18	16		
9	50	38	31	26	46	36	29	24	31	25	22	26	22	19	22	19	16	14		
10	47	35	28	23	43	33	26	22	28	23	19	24	20	17	20	17	15	13		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	7913	7913	7913	7913
5°	7919	8977	7926	6810
10°	7871	10231	7857	5845
15°	7813	11093	7764	5282
20°	7714	12156	7643	4822
25°	7627	13929	7488	4550
30°	7501	14695	7370	4303
35°	7301	11780	7148	4105
40°	6991	8142	6888	3895
45°	6599	6061	6525	3721
50°	6149	4990	6048	3582
55°	5664	4256	5619	3461
60°	5189	3643	5100	3367
65°	4676	3146	4602	3231
70°	4135	2612	4079	2992
75°	3562	2020	3514	2597
80°	2811	1366	2711	1909
85°	1801	683	1738	974

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 12086 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.9	1.7
10°-20°	354.0	4.9
20°-30°	575.1	8.0
30°-40°	702.9	9.8
40°-50°	637.5	8.9
50°-60°	507.8	7.1
60°-70°	353.7	4.9
70°-80°	188.4	2.6
80°-90°	48.7	0.7
90°-100°	358.1	5.0
100°-110°	772.3	10.7
110°-120°	720.0	10.0
120°-130°	583.2	8.1
130°-140°	468.3	6.5
140°-150°	353.2	4.9
150°-160°	248.7	3.5
160°-170°	146.6	2.0
170°-180°	47.7	0.7
0°-30°	1048.0	14.6
0°-40°	1750.8	24.4
0°-60°	2896.2	40.3
0°-90°	3487.0	48.5
90°-120°	1850.5	25.8
90°-150°	3255.1	45.3
90°-180°	3698.0	51.5
0°-180°	7185.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1235	1235	1235	1235	1235	
5°	1234	1425	1235	1081	1234	117
15°	1186	1779	1178	847	1186	335
25°	1091	2189	1072	715	1091	503
35°	950	1757	930	612	950	593
45°	746	828	738	508	746	575
55°	525	511	521	415	525	470
65°	325	314	320	322	325	322
75°	157	154	155	198	157	167
85°	32	35	30	49	32	38
90°	1	23	1	23	1	4
95°	33	233	33	233	33	34
105°	112	1315	112	1315	112	118
115°	200	1465	200	1465	200	197
125°	278	1154	278	1154	278	247
135°	326	959	326	959	326	253
145°	379	756	379	756	379	238
155°	433	634	433	634	433	199
165°	472	556	472	556	472	133
175°	491	499	491	499	491	47
180°	492	492	492	492	492	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0
2.5°	1237.1	1244.4	1252.8	1259.1	1269.6	1272.7	1278.0	1281.1	1284.3	1287.4	1289.5
5°	1234.0	1251.8	1267.5	1279.0	1299.0	1306.3	1315.7	1327.3	1340.9	1352.4	1359.8
7.5°	1225.6	1253.9	1274.8	1297.9	1325.2	1343.0	1352.4	1376.5	1398.6	1415.3	1437.3
10°	1215.1	1248.6	1281.1	1315.7	1354.5	1374.4	1393.3	1426.9	1457.3	1484.5	1506.5
12.5°	1203.6	1244.4	1283.2	1328.3	1380.7	1404.8	1417.4	1475.1	1512.8	1527.5	1570.5
15°	1185.7	1234.0	1289.5	1345.1	1389.1	1417.4	1452.0	1498.1	1535.9	1568.4	1603.0
17.5°	1169.0	1221.4	1278.0	1339.8	1403.8	1440.5	1466.7	1507.6	1548.5	1590.4	1622.9
20°	1141.7	1209.8	1267.5	1333.6	1409.0	1435.2	1462.5	1510.7	1554.8	1599.8	1640.7
22.5°	1119.7	1184.7	1263.3	1326.2	1390.2	1416.4	1449.9	1500.2	1552.7	1604.0	1663.8
25°	1091.4	1163.7	1231.9	1299.0	1365.0	1393.3	1423.7	1488.7	1543.2	1609.3	1675.3
27.5°	1061.0	1135.4	1203.6	1264.4	1326.2	1365.0	1397.5	1465.6	1538.0	1610.3	1696.3
30°	1028.5	1098.7	1163.7	1223.5	1291.6	1331.5	1364.0	1443.6	1524.4	1616.6	1719.4
32.5°	993.9	1059.9	1115.5	1176.3	1248.6	1285.3	1329.4	1416.4	1511.8	1621.9	1750.8
35°	949.8	1012.7	1062.0	1123.9	1196.2	1243.4	1289.5	1387.0	1498.1	1620.8	1768.6
37.5°	905.8	955.1	1002.3	1068.3	1152.2	1195.2	1243.4	1350.3	1477.2	1617.7	1776.0
40°	853.4	901.6	942.5	1009.6	1097.7	1146.9	1197.3	1309.4	1453.1	1606.1	1749.8
42.5°	801.0	841.9	886.9	957.2	1042.1	1094.5	1148.0	1272.7	1421.6	1572.6	1677.4
45°	746.5	777.9	827.2	891.1	981.3	1031.6	1092.4	1227.7	1377.6	1511.8	1564.2
47.5°	689.8	721.3	767.4	829.3	918.4	978.1	1035.8	1171.1	1322.0	1425.8	1425.8
50°	635.3	660.5	705.6	767.4	857.6	912.1	970.8	1114.4	1236.1	1312.6	1244.4
52.5°	576.6	604.9	642.7	707.7	796.8	846.1	910.0	1032.7	1148.0	1179.4	1074.6
55°	525.2	548.3	584.0	645.8	728.6	780.0	834.5	951.9	1049.4	1047.3	935.2
57.5°	471.8	490.6	528.4	585.0	661.5	707.7	762.2	863.9	943.6	915.2	809.4
60°	422.5	436.1	472.8	519.0	592.3	635.3	687.7	770.6	831.4	791.5	684.6
62.5°	371.1	386.9	416.2	461.3	526.3	560.9	599.7	683.6	722.3	686.7	577.7
65°	325.0	337.6	363.8	401.5	460.2	491.7	525.2	594.4	631.1	579.8	489.6
67.5°	278.9	293.5	312.4	346.0	392.1	421.5	450.8	510.6	527.3	481.2	405.7
70°	235.9	248.5	266.3	290.4	329.2	355.4	377.4	426.7	438.2	395.2	335.5
72.5°	194.0	202.3	217.0	236.9	272.6	287.3	310.3	343.9	358.5	319.8	276.8
75°	157.3	163.5	173.0	187.7	211.8	227.5	246.4	277.8	276.8	249.5	219.1
77.5°	121.6	122.7	133.1	146.8	161.5	175.1	184.5	206.5	208.6	191.9	166.7
80°	87.0	90.2	94.4	104.8	117.4	122.7	134.2	147.8	149.9	137.3	120.6
82.5°	55.6	57.7	60.8	67.1	75.5	81.8	88.1	93.3	98.5	91.2	77.6
85°	31.5	32.5	35.6	37.7	41.9	45.1	50.3	55.6	54.5	49.3	45.1
87.5°	15.7	15.7	15.7	17.8	19.9	19.9	22.0	23.1	24.1	22.0	19.9
90°	1.0	2.0	4.0	6.0	7.9	8.9	9.9	10.9	12.9	13.9	15.9
92.5°	14.9	17.9	27.8	42.7	63.5	81.4	99.3	166.8	279.9	403.0	396.1
95°	32.8	33.7	41.7	52.6	74.4	96.8	119.1	225.3	443.7	717.7	879.5
97.5°	50.6	51.6	57.6	68.5	88.3	104.7	121.1	194.6	362.3	658.1	950.0
100°	69.5	71.5	75.4	86.4	105.2	120.1	135.0	192.6	321.6	571.8	896.4
102.5°	90.3	91.3	94.3	106.2	123.1	137.5	151.9	201.5	304.7	506.2	802.1
105°	112.2	112.2	117.1	127.1	142.9	156.8	170.7	214.4	302.8	468.5	719.7
107.5°	133.0	135.0	140.0	147.9	164.8	177.2	189.6	232.3	309.7	448.7	658.1
110°	155.8	157.8	161.8	170.7	185.6	198.5	211.4	252.1	320.6	440.7	617.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	178.7	180.7	183.6	192.6	207.5	219.9	232.3	271.0	334.5	440.7	593.6
115°	200.5	202.5	205.5	214.4	229.3	241.7	254.1	290.8	348.4	443.7	577.7
117.5°	220.4	223.3	226.3	235.3	252.1	264.0	276.0	310.7	364.3	448.7	568.8
120°	240.2	243.2	247.2	256.1	273.0	285.4	297.8	332.5	380.2	456.6	562.8
122.5°	261.1	263.1	266.0	275.0	293.8	306.2	318.6	353.4	398.1	463.6	557.9
125°	277.9	279.9	284.9	293.8	312.7	325.6	338.5	371.2	413.9	471.5	553.9
127.5°	291.8	294.8	300.8	311.7	331.5	344.4	357.4	389.1	428.8	480.4	551.9
130°	304.7	307.7	315.7	328.6	349.4	362.3	375.2	406.0	443.7	488.4	549.9
132.5°	314.7	318.6	328.6	343.5	365.3	378.2	391.1	421.9	456.6	497.3	549.9
135°	325.6	329.6	341.5	357.4	378.2	391.6	405.0	435.8	468.5	505.3	549.9
137.5°	339.5	342.5	353.4	369.3	390.1	404.0	417.9	445.7	477.5	513.2	550.9
140°	351.4	354.4	366.3	382.2	401.0	414.4	427.8	456.6	486.4	518.2	551.9
142.5°	365.3	367.3	378.2	394.1	411.9	424.4	436.8	463.6	491.4	521.1	552.9
145°	379.2	381.2	391.1	405.0	422.9	434.3	445.7	471.5	496.3	523.1	551.9
147.5°	394.1	395.1	404.0	416.9	432.8	443.2	453.6	476.5	499.3	524.1	549.9
150°	407.0	409.0	415.9	428.8	442.7	451.2	459.6	481.4	502.3	524.1	546.9
152.5°	420.9	421.9	427.8	438.7	451.7	459.1	466.5	486.4	504.3	523.1	543.0
155°	432.8	432.8	438.7	448.7	458.6	465.6	472.5	489.4	505.3	521.1	538.0
157.5°	443.7	443.7	448.7	457.6	466.5	472.0	477.5	492.4	506.2	519.2	533.0
160°	454.6	453.6	457.6	464.6	472.5	477.0	481.4	494.3	506.2	516.2	528.1
162.5°	463.6	462.6	466.5	472.5	478.5	482.0	485.4	496.3	505.3	513.2	522.1
165°	472.5	470.5	473.5	478.5	482.4	485.4	488.4	496.3	504.3	510.2	516.2
167.5°	478.5	477.5	479.4	482.4	485.4	487.4	489.4	496.3	502.3	505.3	510.2
170°	484.4	483.4	484.4	486.4	488.4	489.9	491.4	496.3	500.3	502.3	505.3
172.5°	488.4	486.4	487.4	489.4	490.4	490.9	491.4	495.3	498.3	498.3	499.3
175°	491.4	489.4	490.4	491.4	491.4	491.4	491.4	494.3	496.3	495.3	495.3
177.5°	493.3	491.4	491.4	492.4	491.4	491.4	491.4	493.3	494.3	492.4	492.4
180°	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0
2.5°	1291.6	1299.0	1305.2	1310.5	1314.7	1321.0	1316.8	1317.8	1319.9	1324.1	1324.1
5°	1375.5	1387.0	1393.3	1414.3	1419.5	1418.5	1415.3	1432.1	1431.1	1424.8	1423.7
7.5°	1457.3	1477.2	1495.0	1511.8	1517.0	1530.6	1533.8	1541.1	1539.0	1549.5	1544.3
10°	1531.7	1563.1	1579.9	1605.1	1611.4	1617.7	1626.1	1630.2	1639.7	1638.6	1638.6
12.5°	1589.4	1627.1	1649.1	1655.4	1679.5	1686.9	1694.2	1707.8	1704.7	1705.7	1712.0
15°	1634.4	1671.1	1690.0	1719.4	1736.1	1744.5	1757.1	1771.8	1769.7	1779.1	1777.0
17.5°	1668.0	1702.6	1737.2	1781.2	1782.3	1804.3	1833.6	1839.9	1853.6	1844.1	1844.1
20°	1695.2	1741.4	1790.6	1847.3	1853.6	1867.2	1902.8	1926.9	1942.7	1937.4	1940.6
22.5°	1724.6	1790.6	1848.3	1904.9	1935.3	1959.4	1994.0	2031.8	2045.4	2053.8	2051.7
25°	1762.3	1831.5	1916.5	1995.1	2026.5	2072.7	2118.8	2155.5	2166.0	2189.0	2168.1
27.5°	1801.1	1898.6	2004.5	2096.8	2136.6	2174.4	2229.9	2257.2	2270.8	2281.3	2274.0
30°	1833.6	1967.8	2083.2	2168.1	2196.4	2218.4	2249.8	2256.1	2250.9	2259.3	2269.8
32.5°	1884.0	2015.0	2112.5	2153.4	2150.2	2149.2	2125.1	2091.5	2084.2	2064.3	2091.5
35°	1911.2	2016.1	2053.8	1999.3	1977.3	1937.4	1860.9	1810.6	1766.5	1757.1	1759.2
37.5°	1895.5	1936.4	1891.3	1747.7	1712.0	1651.2	1549.5	1478.2	1445.7	1420.6	1453.1
40°	1810.6	1765.5	1641.8	1466.7	1415.3	1357.7	1262.3	1223.5	1177.3	1167.9	1210.9
42.5°	1670.1	1532.7	1357.7	1222.4	1169.0	1136.5	1056.8	1020.1	987.6	972.9	997.0
45°	1479.3	1312.6	1136.5	1025.3	980.2	941.5	894.3	855.5	834.5	828.2	848.1
47.5°	1282.2	1106.1	965.6	882.7	835.6	806.2	762.2	740.2	723.4	725.5	728.6
50°	1093.5	933.1	825.1	742.3	719.2	696.1	666.8	647.9	639.5	642.7	640.6
52.5°	931.0	801.0	709.8	645.8	635.3	613.3	589.2	573.5	570.3	571.4	574.5
55°	788.4	686.7	614.4	568.2	556.7	541.0	526.3	515.8	507.4	510.6	509.5
57.5°	680.4	591.3	535.7	498.0	489.6	480.2	466.5	461.3	458.1	451.9	457.1
60°	585.0	512.7	464.4	441.4	434.0	427.7	413.1	406.8	404.7	401.5	409.9
62.5°	494.8	443.5	406.8	385.8	378.5	372.2	364.8	359.6	360.6	356.5	360.6
65°	423.5	381.6	355.4	336.5	327.1	322.9	321.9	313.5	312.4	313.5	314.5
67.5°	357.5	321.9	301.9	290.4	283.1	278.9	275.7	270.5	274.7	271.5	273.6
70°	297.7	273.6	252.7	241.1	238.0	239.0	233.8	231.7	232.7	230.6	232.7
72.5°	240.1	220.2	211.8	203.4	199.2	198.1	195.0	191.9	195.0	194.0	194.0
75°	191.9	177.2	167.7	162.5	162.5	160.4	155.2	155.2	155.2	154.1	155.2
77.5°	147.8	135.2	131.0	125.8	125.8	122.7	121.6	121.6	119.5	122.7	120.6
80°	110.1	100.6	94.4	91.2	91.2	90.2	88.1	87.0	88.1	87.0	87.0
82.5°	71.3	67.1	64.0	60.8	59.8	60.8	59.8	57.7	58.7	57.7	59.8
85°	40.9	36.7	36.7	34.6	35.6	33.5	34.6	32.5	31.5	34.6	32.5
87.5°	17.8	16.8	16.8	14.7	14.7	14.7	13.6	14.7	13.6	12.6	13.6
90°	16.9	17.9	18.9	19.9	20.8	21.8	21.8	21.8	22.8	22.8	22.8
92.5°	319.6	215.4	154.9	115.1	105.7	96.3	80.4	77.4	75.4	73.5	75.4
95°	860.6	713.7	562.8	440.7	399.0	357.4	286.9	257.1	249.2	233.3	249.2
97.5°	1075.0	1023.4	903.3	780.2	720.7	661.1	601.5	549.9	523.1	511.2	523.1
100°	1144.5	1221.0	1172.3	1070.1	1018.4	966.8	898.3	826.9	790.1	774.3	790.1
102.5°	1102.8	1287.5	1337.1	1301.4	1270.6	1239.8	1165.4	1119.7	1079.0	1068.1	1079.0
105°	1004.6	1242.8	1378.8	1422.5	1417.0	1411.5	1379.8	1347.0	1327.2	1315.3	1327.2
107.5°	911.2	1151.5	1331.1	1436.4	1458.2	1480.0	1489.0	1484.0	1474.1	1464.2	1474.1
110°	833.8	1048.2	1236.8	1376.8	1419.0	1461.2	1505.8	1524.7	1531.6	1531.6	1531.6

TEST NUMBER: P1028212

CATALOG NUMBER: S125DIP-B850D1090UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	776.2	966.8	1143.5	1285.5	1337.1	1388.7	1459.2	1494.9	1514.8	1523.7	1514.8
115°	737.5	901.3	1055.2	1191.2	1245.3	1299.4	1376.8	1424.4	1452.2	1465.1	1452.2
117.5°	711.7	855.7	991.7	1110.8	1161.9	1213.0	1291.4	1341.1	1368.9	1376.8	1368.9
120°	690.9	819.9	939.0	1048.2	1091.9	1135.6	1209.0	1256.7	1283.5	1291.4	1283.5
122.5°	673.0	793.1	901.3	995.6	1035.8	1076.0	1139.6	1182.2	1209.0	1216.0	1209.0
125°	657.1	767.3	868.6	954.9	990.6	1026.4	1082.0	1122.7	1144.5	1154.4	1144.5
127.5°	642.2	740.5	836.8	918.2	952.0	985.7	1036.3	1073.0	1093.9	1097.9	1093.9
130°	627.4	715.7	803.0	880.5	912.8	945.0	994.6	1027.4	1047.2	1053.2	1047.2
132.5°	615.4	690.9	771.3	839.8	870.6	901.3	951.0	983.7	1001.6	1008.5	1001.6
135°	606.5	670.0	738.5	802.1	830.4	858.6	902.3	935.1	952.9	958.9	952.9
137.5°	597.6	651.2	708.7	763.3	788.2	813.0	852.7	883.5	900.3	907.3	900.3
140°	591.6	636.3	682.9	728.6	749.4	770.3	807.0	832.8	847.7	852.7	847.7
142.5°	586.7	623.4	661.1	698.8	716.2	733.6	763.3	784.2	798.1	802.1	798.1
145°	581.7	612.5	643.2	674.0	687.4	700.8	724.6	741.5	752.4	756.4	752.4
147.5°	576.7	601.5	627.4	652.2	662.6	673.0	692.9	706.8	713.7	715.7	713.7
150°	570.8	592.6	614.4	633.3	642.2	651.2	666.1	678.0	681.9	682.9	681.9
152.5°	563.8	582.7	601.5	618.4	624.8	631.3	643.2	652.2	656.1	657.1	656.1
155°	555.9	572.8	588.6	602.5	608.0	613.5	623.4	630.3	633.3	634.3	633.3
157.5°	548.9	562.8	576.7	587.6	592.1	596.6	604.5	610.5	613.5	613.5	613.5
160°	540.0	552.9	562.8	572.8	576.2	579.7	586.7	591.6	593.6	592.6	593.6
162.5°	532.1	542.0	550.9	558.9	561.8	564.8	569.8	573.7	573.7	573.7	573.7
165°	524.1	532.1	539.0	545.0	547.4	549.9	553.9	555.9	555.9	555.9	555.9
167.5°	516.2	522.1	527.1	532.1	534.0	536.0	538.0	540.0	539.0	539.0	539.0
170°	509.2	514.2	517.2	520.1	521.1	522.1	524.1	525.1	525.1	524.1	525.1
172.5°	502.3	505.3	508.2	510.2	510.7	511.2	511.2	513.2	511.2	510.2	511.2
175°	496.3	499.3	499.3	501.3	501.3	501.3	501.3	502.3	500.3	499.3	500.3
177.5°	493.3	494.3	495.3	495.3	495.3	495.3	494.3	495.3	492.4	492.4	492.4
180°	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4

TEST NUMBER: P1028212

CATALOG NUMBER: S125DIP-B850D1090UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0
2.5°	1322.0	1314.7	1316.8	1314.7	1309.4	1306.3	1297.9	1287.4	1283.2	1278.0	1274.8
5°	1427.9	1422.7	1421.6	1413.2	1411.1	1398.6	1377.6	1367.1	1354.5	1341.9	1329.4
7.5°	1543.2	1536.9	1516.0	1512.8	1514.9	1499.2	1471.9	1451.0	1424.8	1406.9	1382.8
10°	1638.6	1626.1	1608.2	1609.3	1601.9	1581.0	1553.7	1531.7	1494.0	1470.9	1436.3
12.5°	1696.3	1685.8	1683.7	1673.2	1666.9	1639.7	1607.2	1578.9	1550.6	1519.1	1492.9
15°	1766.5	1752.9	1743.5	1728.8	1724.6	1696.3	1660.6	1628.1	1595.6	1566.3	1510.7
17.5°	1844.1	1829.4	1793.8	1790.6	1765.5	1738.2	1703.6	1655.4	1620.8	1578.9	1538.0
20°	1932.2	1911.2	1865.1	1853.6	1833.6	1788.6	1741.4	1687.9	1632.3	1589.4	1541.1
22.5°	2030.7	1994.0	1960.5	1923.8	1909.1	1853.6	1788.6	1723.6	1656.5	1597.7	1540.1
25°	2158.6	2110.4	2063.2	2026.5	2001.4	1929.0	1842.0	1756.1	1678.5	1601.9	1526.5
27.5°	2259.3	2217.3	2166.0	2117.7	2085.2	1999.3	1899.7	1788.6	1692.1	1598.8	1518.1
30°	2266.6	2254.0	2222.6	2196.4	2160.7	2068.5	1958.4	1832.6	1713.1	1599.8	1501.3
32.5°	2129.3	2154.4	2168.1	2172.3	2164.9	2111.5	2010.8	1872.4	1731.9	1590.4	1486.6
35°	1833.6	1900.7	1983.6	2015.0	2045.4	2073.7	2021.3	1900.7	1738.2	1588.3	1463.6
37.5°	1509.7	1570.5	1707.8	1770.7	1806.4	1918.6	1961.5	1896.5	1750.8	1590.4	1441.5
40°	1218.2	1314.7	1413.2	1498.1	1553.7	1679.5	1812.7	1827.3	1733.0	1570.5	1413.2
42.5°	1025.3	1081.9	1156.4	1235.0	1284.3	1433.1	1613.5	1719.4	1677.4	1538.0	1378.6
45°	873.3	915.2	985.5	1011.7	1074.6	1217.2	1408.0	1561.1	1582.0	1486.6	1338.8
47.5°	749.6	785.2	830.3	862.8	913.1	1020.1	1181.5	1350.3	1451.0	1416.4	1283.2
50°	660.5	689.8	727.6	746.5	779.0	875.4	997.0	1164.8	1300.0	1311.5	1210.9
52.5°	586.0	602.8	632.2	653.1	679.4	738.1	848.1	986.5	1138.6	1201.5	1121.8
55°	521.0	534.7	560.9	574.5	588.1	638.5	724.4	850.2	992.8	1075.6	1030.6
57.5°	462.3	473.9	495.9	508.5	515.8	564.0	630.1	728.6	856.5	957.2	932.0
60°	414.1	424.6	437.2	446.6	455.0	494.8	541.0	620.6	734.9	832.4	826.1
62.5°	362.7	372.2	385.8	395.2	402.6	427.7	466.5	527.3	624.8	715.0	732.8
65°	317.7	325.0	334.4	338.6	348.1	366.9	398.4	452.9	532.6	613.3	625.9
67.5°	276.8	278.9	285.2	294.6	296.7	313.5	341.8	382.7	444.5	510.6	530.5
70°	232.7	235.9	241.1	248.5	252.7	263.1	287.3	314.5	368.0	425.6	440.3
72.5°	194.0	198.1	200.2	204.4	206.5	223.3	233.8	261.0	297.7	346.0	361.7
75°	157.3	161.5	162.5	164.6	166.7	174.0	188.7	205.5	235.9	267.3	288.3
77.5°	124.8	123.7	125.8	129.0	127.9	134.2	143.6	158.3	178.2	204.4	218.1
80°	88.1	88.1	91.2	94.4	93.3	99.6	102.7	113.2	130.0	146.8	152.0
82.5°	58.7	58.7	61.9	61.9	64.0	65.0	69.2	74.4	88.1	96.5	99.6
85°	33.5	33.5	34.6	34.6	34.6	36.7	39.8	41.9	46.1	51.4	53.5
87.5°	13.6	14.7	14.7	14.7	14.7	16.8	16.8	18.9	19.9	22.0	22.0
90°	21.8	21.8	21.8	20.8	19.9	18.9	17.9	16.9	15.9	13.9	12.9
92.5°	77.4	80.4	96.3	105.7	115.1	154.9	215.4	319.6	396.1	403.0	279.9
95°	257.1	286.9	357.4	399.0	440.7	562.8	713.7	860.6	879.5	717.7	443.7
97.5°	549.9	601.5	661.1	720.7	780.2	903.3	1023.4	1075.0	950.0	658.1	362.3
100°	826.9	898.3	966.8	1018.4	1070.1	1172.3	1221.0	1144.5	896.4	571.8	321.6
102.5°	1119.7	1165.4	1239.8	1270.6	1301.4	1337.1	1287.5	1102.8	802.1	506.2	304.7
105°	1347.0	1379.8	1411.5	1417.0	1422.5	1378.8	1242.8	1004.6	719.7	468.5	302.8
107.5°	1484.0	1489.0	1480.0	1458.2	1436.4	1331.1	1151.5	911.2	658.1	448.7	309.7
110°	1524.7	1505.8	1461.2	1419.0	1376.8	1236.8	1048.2	833.8	617.4	440.7	320.6

TEST NUMBER: P1028212

CATALOG NUMBER: S125DIP-B850D1090UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1494.9	1459.2	1388.7	1337.1	1285.5	1143.5	966.8	776.2	593.6	440.7	334.5
115°	1424.4	1376.8	1299.4	1245.3	1191.2	1055.2	901.3	737.5	577.7	443.7	348.4
117.5°	1341.1	1291.4	1213.0	1161.9	1110.8	991.7	855.7	711.7	568.8	448.7	364.3
120°	1256.7	1209.0	1135.6	1091.9	1048.2	939.0	819.9	690.9	562.8	456.6	380.2
122.5°	1182.2	1139.6	1076.0	1035.8	995.6	901.3	793.1	673.0	557.9	463.6	398.1
125°	1122.7	1082.0	1026.4	990.6	954.9	868.6	767.3	657.1	553.9	471.5	413.9
127.5°	1073.0	1036.3	985.7	952.0	918.2	836.8	740.5	642.2	551.9	480.4	428.8
130°	1027.4	994.6	945.0	912.8	880.5	803.0	715.7	627.4	549.9	488.4	443.7
132.5°	983.7	951.0	901.3	870.6	839.8	771.3	690.9	615.4	549.9	497.3	456.6
135°	935.1	902.3	858.6	830.4	802.1	738.5	670.0	606.5	549.9	505.3	468.5
137.5°	883.5	852.7	813.0	788.2	763.3	708.7	651.2	597.6	550.9	513.2	477.5
140°	832.8	807.0	770.3	749.4	728.6	682.9	636.3	591.6	551.9	518.2	486.4
142.5°	784.2	763.3	733.6	716.2	698.8	661.1	623.4	586.7	552.9	521.1	491.4
145°	741.5	724.6	700.8	687.4	674.0	643.2	612.5	581.7	551.9	523.1	496.3
147.5°	706.8	692.9	673.0	662.6	652.2	627.4	601.5	576.7	549.9	524.1	499.3
150°	678.0	666.1	651.2	642.2	633.3	614.4	592.6	570.8	546.9	524.1	502.3
152.5°	652.2	643.2	631.3	624.8	618.4	601.5	582.7	563.8	543.0	523.1	504.3
155°	630.3	623.4	613.5	608.0	602.5	588.6	572.8	555.9	538.0	521.1	505.3
157.5°	610.5	604.5	596.6	592.1	587.6	576.7	562.8	548.9	533.0	519.2	506.2
160°	591.6	586.7	579.7	576.2	572.8	562.8	552.9	540.0	528.1	516.2	506.2
162.5°	573.7	569.8	564.8	561.8	558.9	550.9	542.0	532.1	522.1	513.2	505.3
165°	555.9	553.9	549.9	547.4	545.0	539.0	532.1	524.1	516.2	510.2	504.3
167.5°	540.0	538.0	536.0	534.0	532.1	527.1	522.1	516.2	510.2	505.3	502.3
170°	525.1	524.1	522.1	521.1	520.1	517.2	514.2	509.2	505.3	502.3	500.3
172.5°	513.2	511.2	511.2	510.7	510.2	508.2	505.3	502.3	499.3	498.3	498.3
175°	502.3	501.3	501.3	501.3	501.3	499.3	499.3	496.3	495.3	495.3	496.3
177.5°	495.3	494.3	495.3	495.3	495.3	495.3	494.3	493.3	492.4	492.4	494.3
180°	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4

TEST NUMBER: P1028212

CATALOG NUMBER: S125DIP-B850D1090UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0
2.5°	1270.6	1265.4	1259.1	1259.1	1251.8	1248.6	1242.3	1240.2	1235.0	1226.6	1220.3
5°	1315.7	1302.1	1293.7	1286.4	1270.6	1259.1	1247.6	1235.0	1222.4	1207.7	1191.0
7.5°	1359.8	1334.6	1323.1	1310.5	1287.4	1263.3	1240.2	1223.5	1206.7	1183.6	1162.7
10°	1405.9	1374.4	1353.5	1336.7	1301.1	1270.6	1237.1	1213.0	1186.8	1157.4	1130.2
12.5°	1444.7	1403.8	1386.0	1354.5	1313.6	1276.9	1235.0	1198.3	1163.7	1129.1	1095.6
15°	1477.2	1438.4	1394.4	1381.8	1325.2	1272.7	1225.6	1178.4	1135.4	1100.8	1062.0
17.5°	1487.7	1438.4	1416.4	1386.0	1318.9	1264.4	1204.6	1153.2	1112.3	1061.0	1030.6
20°	1490.8	1443.6	1413.2	1384.9	1325.2	1252.8	1194.1	1131.2	1081.9	1030.6	982.3
22.5°	1482.4	1426.9	1397.5	1370.2	1303.1	1241.3	1173.1	1104.0	1046.3	999.1	950.9
25°	1466.7	1401.7	1373.4	1344.0	1280.1	1211.9	1137.5	1071.5	1018.0	961.4	914.2
27.5°	1445.7	1371.3	1338.8	1308.4	1245.5	1181.5	1111.3	1043.1	983.4	923.6	879.6
30°	1419.5	1333.6	1304.2	1264.4	1203.6	1142.7	1078.8	1010.6	943.6	886.9	838.7
32.5°	1386.0	1295.8	1257.0	1219.3	1153.2	1097.7	1036.9	972.9	907.9	852.3	802.0
35°	1355.6	1252.8	1209.8	1172.1	1098.7	1040.0	989.7	929.9	872.3	814.6	769.5
37.5°	1314.7	1209.8	1158.5	1119.7	1045.2	985.5	938.3	892.2	831.4	775.8	733.9
40°	1271.7	1156.4	1108.1	1069.4	991.8	926.8	881.7	840.8	791.5	740.2	696.1
42.5°	1232.9	1105.0	1053.6	1006.5	927.8	870.2	824.0	792.6	747.5	701.4	661.5
45°	1183.6	1050.5	994.9	945.6	870.2	807.3	763.2	738.1	704.5	659.4	624.8
47.5°	1133.3	991.8	934.1	885.9	804.1	748.6	705.6	681.5	658.4	622.7	588.1
50°	1067.3	929.9	877.5	821.9	741.2	684.6	649.0	624.8	607.0	581.9	552.5
52.5°	994.9	866.0	809.4	761.1	681.5	630.1	589.2	575.6	557.7	538.9	513.7
55°	918.4	796.8	742.3	695.1	621.7	569.3	535.7	521.0	507.4	492.7	476.0
57.5°	841.9	724.4	673.1	631.1	563.0	512.7	485.4	465.5	456.0	447.7	434.0
60°	746.5	646.9	607.0	569.3	502.2	456.0	429.8	415.2	406.8	402.6	396.3
62.5°	662.6	580.8	536.8	500.1	446.6	405.7	380.6	369.0	361.7	359.6	352.3
65°	573.5	503.2	468.6	437.2	391.0	354.4	333.4	319.8	314.5	313.5	313.5
67.5°	489.6	433.0	398.4	376.4	336.5	304.0	284.1	278.9	275.7	271.5	270.5
70°	411.0	365.9	335.5	316.6	281.0	256.9	241.1	232.7	232.7	229.6	227.5
72.5°	341.8	296.7	276.8	261.0	231.7	210.7	199.2	197.1	189.8	188.7	188.7
75°	267.3	233.8	220.2	206.5	184.5	169.8	160.4	155.2	151.0	151.0	152.0
77.5°	201.3	178.2	165.6	155.2	139.4	130.0	122.7	120.6	116.4	116.4	116.4
80°	142.6	130.0	120.6	112.2	100.6	92.3	88.1	83.9	83.9	82.8	83.9
82.5°	92.3	81.8	76.5	75.5	65.0	61.9	56.6	57.7	54.5	53.5	55.6
85°	53.5	48.2	41.9	39.8	35.6	31.5	29.4	30.4	29.4	28.3	29.4
87.5°	21.0	17.8	16.8	16.8	13.6	12.6	11.5	12.6	10.5	10.5	11.5
90°	10.9	9.9	8.9	7.9	6.0	4.0	2.0	1.0	2.0	4.0	6.0
92.5°	166.8	99.3	81.4	63.5	42.7	27.8	17.9	14.9	17.9	27.8	42.7
95°	225.3	119.1	96.8	74.4	52.6	41.7	33.7	32.8	33.7	41.7	52.6
97.5°	194.6	121.1	104.7	88.3	68.5	57.6	51.6	50.6	51.6	57.6	68.5
100°	192.6	135.0	120.1	105.2	86.4	75.4	71.5	69.5	71.5	75.4	86.4
102.5°	201.5	151.9	137.5	123.1	106.2	94.3	91.3	90.3	91.3	94.3	106.2
105°	214.4	170.7	156.8	142.9	127.1	117.1	112.2	112.2	112.2	117.1	127.1
107.5°	232.3	189.6	177.2	164.8	147.9	140.0	135.0	133.0	135.0	140.0	147.9
110°	252.1	211.4	198.5	185.6	170.7	161.8	157.8	155.8	157.8	161.8	170.7

TEST NUMBER: P1028212

CATALOG NUMBER: S125DIP-B850D1090UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	271.0	232.3	219.9	207.5	192.6	183.6	180.7	178.7	180.7	183.6	192.6
115°	290.8	254.1	241.7	229.3	214.4	205.5	202.5	200.5	202.5	205.5	214.4
117.5°	310.7	276.0	264.0	252.1	235.3	226.3	223.3	220.4	223.3	226.3	235.3
120°	332.5	297.8	285.4	273.0	256.1	247.2	243.2	240.2	243.2	247.2	256.1
122.5°	353.4	318.6	306.2	293.8	275.0	266.0	263.1	261.1	263.1	266.0	275.0
125°	371.2	338.5	325.6	312.7	293.8	284.9	279.9	277.9	279.9	284.9	293.8
127.5°	389.1	357.4	344.4	331.5	311.7	300.8	294.8	291.8	294.8	300.8	311.7
130°	406.0	375.2	362.3	349.4	328.6	315.7	307.7	304.7	307.7	315.7	328.6
132.5°	421.9	391.1	378.2	365.3	343.5	328.6	318.6	314.7	318.6	328.6	343.5
135°	435.8	405.0	391.6	378.2	357.4	341.5	329.6	325.6	329.6	341.5	357.4
137.5°	445.7	417.9	404.0	390.1	369.3	353.4	342.5	339.5	342.5	353.4	369.3
140°	456.6	427.8	414.4	401.0	382.2	366.3	354.4	351.4	354.4	366.3	382.2
142.5°	463.6	436.8	424.4	411.9	394.1	378.2	367.3	365.3	367.3	378.2	394.1
145°	471.5	445.7	434.3	422.9	405.0	391.1	381.2	379.2	381.2	391.1	405.0
147.5°	476.5	453.6	443.2	432.8	416.9	404.0	395.1	394.1	395.1	404.0	416.9
150°	481.4	459.6	451.2	442.7	428.8	415.9	409.0	407.0	409.0	415.9	428.8
152.5°	486.4	466.5	459.1	451.7	438.7	427.8	421.9	420.9	421.9	427.8	438.7
155°	489.4	472.5	465.6	458.6	448.7	438.7	432.8	432.8	432.8	438.7	448.7
157.5°	492.4	477.5	472.0	466.5	457.6	448.7	443.7	443.7	443.7	448.7	457.6
160°	494.3	481.4	477.0	472.5	464.6	457.6	453.6	454.6	453.6	457.6	464.6
162.5°	496.3	485.4	482.0	478.5	472.5	466.5	462.6	463.6	462.6	466.5	472.5
165°	496.3	488.4	485.4	482.4	478.5	473.5	470.5	472.5	470.5	473.5	478.5
167.5°	496.3	489.4	487.4	485.4	482.4	479.4	477.5	478.5	477.5	479.4	482.4
170°	496.3	491.4	489.9	488.4	486.4	484.4	483.4	484.4	483.4	484.4	486.4
172.5°	495.3	491.4	490.9	490.4	489.4	487.4	486.4	488.4	486.4	487.4	489.4
175°	494.3	491.4	491.4	491.4	491.4	490.4	489.4	491.4	489.4	490.4	491.4
177.5°	493.3	491.4	491.4	491.4	492.4	491.4	491.4	493.3	491.4	491.4	492.4
180°	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4

TEST NUMBER: P1028212

CATALOG NUMBER: S125DIP-B850D1090UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0
2.5°	1218.2	1216.1	1210.9	1207.7	1197.3	1184.7	1180.5	1170.0	1174.2	1166.9	1166.9
5°	1185.7	1176.3	1170.0	1160.6	1140.6	1127.0	1112.3	1105.0	1100.8	1095.6	1091.4
7.5°	1143.8	1136.5	1130.2	1112.3	1090.3	1071.5	1053.6	1046.3	1032.7	1023.2	1019.0
10°	1107.1	1096.6	1081.9	1061.0	1037.9	1013.8	998.1	982.3	971.9	966.6	955.1
12.5°	1069.4	1056.8	1041.1	1010.6	985.5	970.8	942.5	927.8	922.6	918.4	904.8
15°	1030.6	1016.9	998.1	969.8	947.7	913.1	896.4	884.8	872.3	871.2	860.7
17.5°	996.0	979.2	963.5	928.9	901.6	871.2	861.8	849.2	837.7	825.1	819.8
20°	951.9	936.2	924.7	886.9	856.5	837.7	821.9	811.5	804.1	791.5	789.4
22.5°	912.1	895.3	879.6	851.3	825.1	801.0	782.1	770.6	767.4	762.2	752.7
25°	873.3	856.5	837.7	811.5	784.2	767.4	750.6	743.3	737.0	728.6	721.3
27.5°	840.8	825.1	807.3	774.8	751.7	739.1	721.3	712.9	704.5	700.3	697.2
30°	802.0	784.2	770.6	745.4	720.2	703.5	690.9	683.6	676.2	672.0	669.9
32.5°	764.3	747.5	738.1	710.8	690.9	671.0	661.5	656.3	652.1	647.9	643.7
35°	733.9	717.1	702.4	677.3	657.3	643.7	636.4	628.0	624.8	620.6	620.6
37.5°	696.1	683.6	668.9	644.8	626.9	616.5	610.2	599.7	598.6	596.5	593.4
40°	663.6	651.1	637.4	616.5	600.7	588.1	579.8	574.5	571.4	569.3	567.2
42.5°	629.0	615.4	609.1	585.0	571.4	558.8	554.6	549.4	548.3	544.1	538.9
45°	595.5	584.0	571.4	553.5	542.0	531.5	525.2	521.0	515.8	514.8	511.6
47.5°	566.1	552.5	541.0	524.2	511.6	503.2	498.0	492.7	488.5	485.4	482.3
50°	528.4	517.9	508.5	490.6	480.2	471.8	464.4	460.2	456.0	456.0	456.0
52.5°	491.7	482.3	473.9	461.3	448.7	441.4	433.0	429.8	427.7	424.6	427.7
55°	456.0	446.6	438.2	428.8	414.1	407.8	399.4	396.3	397.3	397.3	400.5
57.5°	418.3	411.0	405.7	394.2	380.6	374.3	369.0	365.9	365.9	370.1	371.1
60°	381.6	374.3	364.8	354.4	346.0	338.6	335.5	336.5	336.5	338.6	343.9
62.5°	340.7	336.5	331.3	316.6	311.4	306.1	301.9	305.1	304.0	309.3	316.6
65°	303.0	298.8	291.5	284.1	277.8	272.6	271.5	272.6	274.7	279.9	288.3
67.5°	261.0	261.0	254.8	248.5	243.2	238.0	239.0	240.1	242.2	248.5	261.0
70°	226.5	222.3	216.0	211.8	207.6	205.5	203.4	207.6	213.9	218.1	227.5
72.5°	188.7	185.6	180.3	176.1	175.1	173.0	171.9	174.0	180.3	187.7	198.1
75°	148.9	149.9	146.8	143.6	143.6	140.5	142.6	142.6	148.9	156.2	164.6
77.5°	115.3	114.3	113.2	111.1	110.1	110.1	110.1	112.2	118.5	122.7	131.0
80°	81.8	82.8	79.7	80.7	79.7	80.7	80.7	84.9	88.1	93.3	99.6
82.5°	54.5	54.5	52.4	53.5	53.5	53.5	54.5	56.6	60.8	65.0	69.2
85°	30.4	31.5	29.4	31.5	31.5	31.5	32.5	33.5	36.7	37.7	41.9
87.5°	11.5	13.6	13.6	11.5	12.6	13.6	14.7	13.6	15.7	17.8	18.9
90°	7.9	8.9	9.9	10.9	12.9	13.9	15.9	16.9	17.9	18.9	19.9
92.5°	63.5	81.4	99.3	166.8	279.9	403.0	396.1	319.6	215.4	154.9	115.1
95°	74.4	96.8	119.1	225.3	443.7	717.7	879.5	860.6	713.7	562.8	440.7
97.5°	88.3	104.7	121.1	194.6	362.3	658.1	950.0	1075.0	1023.4	903.3	780.2
100°	105.2	120.1	135.0	192.6	321.6	571.8	896.4	1144.5	1221.0	1172.3	1070.1
102.5°	123.1	137.5	151.9	201.5	304.7	506.2	802.1	1102.8	1287.5	1337.1	1301.4
105°	142.9	156.8	170.7	214.4	302.8	468.5	719.7	1004.6	1242.8	1378.8	1422.5
107.5°	164.8	177.2	189.6	232.3	309.7	448.7	658.1	911.2	1151.5	1331.1	1436.4
110°	185.6	198.5	211.4	252.1	320.6	440.7	617.4	833.8	1048.2	1236.8	1376.8

TEST NUMBER: P1028212

CATALOG NUMBER: S125DIP-B850D1090UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	207.5	219.9	232.3	271.0	334.5	440.7	593.6	776.2	966.8	1143.5	1285.5
115°	229.3	241.7	254.1	290.8	348.4	443.7	577.7	737.5	901.3	1055.2	1191.2
117.5°	252.1	264.0	276.0	310.7	364.3	448.7	568.8	711.7	855.7	991.7	1110.8
120°	273.0	285.4	297.8	332.5	380.2	456.6	562.8	690.9	819.9	939.0	1048.2
122.5°	293.8	306.2	318.6	353.4	398.1	463.6	557.9	673.0	793.1	901.3	995.6
125°	312.7	325.6	338.5	371.2	413.9	471.5	553.9	657.1	767.3	868.6	954.9
127.5°	331.5	344.4	357.4	389.1	428.8	480.4	551.9	642.2	740.5	836.8	918.2
130°	349.4	362.3	375.2	406.0	443.7	488.4	549.9	627.4	715.7	803.0	880.5
132.5°	365.3	378.2	391.1	421.9	456.6	497.3	549.9	615.4	690.9	771.3	839.8
135°	378.2	391.6	405.0	435.8	468.5	505.3	549.9	606.5	670.0	738.5	802.1
137.5°	390.1	404.0	417.9	445.7	477.5	513.2	550.9	597.6	651.2	708.7	763.3
140°	401.0	414.4	427.8	456.6	486.4	518.2	551.9	591.6	636.3	682.9	728.6
142.5°	411.9	424.4	436.8	463.6	491.4	521.1	552.9	586.7	623.4	661.1	698.8
145°	422.9	434.3	445.7	471.5	496.3	523.1	551.9	581.7	612.5	643.2	674.0
147.5°	432.8	443.2	453.6	476.5	499.3	524.1	549.9	576.7	601.5	627.4	652.2
150°	442.7	451.2	459.6	481.4	502.3	524.1	546.9	570.8	592.6	614.4	633.3
152.5°	451.7	459.1	466.5	486.4	504.3	523.1	543.0	563.8	582.7	601.5	618.4
155°	458.6	465.6	472.5	489.4	505.3	521.1	538.0	555.9	572.8	588.6	602.5
157.5°	466.5	472.0	477.5	492.4	506.2	519.2	533.0	548.9	562.8	576.7	587.6
160°	472.5	477.0	481.4	494.3	506.2	516.2	528.1	540.0	552.9	562.8	572.8
162.5°	478.5	482.0	485.4	496.3	505.3	513.2	522.1	532.1	542.0	550.9	558.9
165°	482.4	485.4	488.4	496.3	504.3	510.2	516.2	524.1	532.1	539.0	545.0
167.5°	485.4	487.4	489.4	496.3	502.3	505.3	510.2	516.2	522.1	527.1	532.1
170°	488.4	489.9	491.4	496.3	500.3	502.3	505.3	509.2	514.2	517.2	520.1
172.5°	490.4	490.9	491.4	495.3	498.3	498.3	499.3	502.3	505.3	508.2	510.2
175°	491.4	491.4	491.4	494.3	496.3	495.3	495.3	496.3	499.3	499.3	501.3
177.5°	491.4	491.4	491.4	493.3	494.3	492.4	492.4	493.3	494.3	495.3	495.3
180°	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4

TEST NUMBER: P1028212

CATALOG NUMBER: S125DIP-B850D1090UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0
2.5°	1171.1	1163.7	1162.7	1164.8	1160.6	1166.9	1164.8	1166.9	1161.6	1166.9	1163.7
5°	1090.3	1088.2	1084.0	1078.8	1079.8	1080.9	1086.1	1080.9	1085.1	1086.1	1091.4
7.5°	1014.8	1010.6	1013.8	1011.7	1002.3	1000.2	1002.3	1005.4	1011.7	1015.9	1019.0
10°	954.0	951.9	947.7	944.6	939.4	936.2	940.4	936.2	944.6	951.9	951.9
12.5°	907.9	899.5	894.3	893.2	881.7	883.8	888.0	891.1	900.6	904.8	904.8
15°	859.7	853.4	851.3	847.1	842.9	847.1	845.0	848.1	852.3	856.5	858.6
17.5°	817.7	816.7	817.7	807.3	810.4	805.2	806.2	811.5	808.3	811.5	817.7
20°	780.0	782.1	779.0	774.8	774.8	768.5	775.8	773.7	774.8	781.1	790.5
22.5°	751.7	750.6	747.5	744.4	740.2	741.2	742.3	740.2	748.6	753.8	754.8
25°	721.3	719.2	718.1	715.0	710.8	715.0	714.0	715.0	717.1	725.5	719.2
27.5°	693.0	688.8	690.9	687.7	686.7	687.7	687.7	688.8	690.9	691.9	693.0
30°	668.9	664.7	663.6	661.5	660.5	661.5	663.6	661.5	669.9	668.9	668.9
32.5°	642.7	639.5	637.4	637.4	636.4	635.3	636.4	637.4	643.7	639.5	643.7
35°	617.5	615.4	615.4	613.3	612.3	612.3	612.3	616.5	614.4	617.5	617.5
37.5°	593.4	593.4	592.3	590.2	589.2	590.2	589.2	591.3	590.2	591.3	592.3
40°	568.2	566.1	565.1	565.1	561.9	558.8	561.9	561.9	563.0	566.1	567.2
42.5°	537.8	538.9	538.9	534.7	534.7	534.7	535.7	536.8	536.8	538.9	538.9
45°	511.6	509.5	509.5	509.5	507.4	508.5	510.6	510.6	510.6	510.6	508.5
47.5°	482.3	482.3	483.3	483.3	486.5	485.4	485.4	484.4	482.3	482.3	483.3
50°	455.0	458.1	459.2	459.2	460.2	461.3	461.3	459.2	458.1	455.0	455.0
52.5°	428.8	430.9	433.0	436.1	438.2	437.2	437.2	435.1	430.9	429.8	428.8
55°	400.5	403.6	407.8	411.0	414.1	415.2	415.2	411.0	406.8	401.5	401.5
57.5°	374.3	377.4	384.8	387.9	392.1	392.1	390.0	386.9	380.6	376.4	373.2
60°	348.1	353.3	358.5	364.8	370.1	371.1	368.0	363.8	356.5	351.2	347.0
62.5°	319.8	325.0	335.5	341.8	346.0	346.0	346.0	340.7	331.3	324.0	317.7
65°	292.5	297.7	307.2	315.6	318.7	321.9	318.7	313.5	306.1	297.7	291.5
67.5°	264.2	270.5	279.9	286.2	290.4	293.5	291.5	287.3	277.8	266.3	262.1
70°	232.7	235.9	249.5	255.8	262.1	264.2	262.1	255.8	246.4	233.8	229.6
72.5°	203.4	206.5	219.1	224.4	229.6	231.7	228.5	224.4	216.0	204.4	199.2
75°	169.8	175.1	181.4	189.8	196.0	198.1	195.0	191.9	181.4	174.0	169.8
77.5°	134.2	139.4	147.8	155.2	161.5	160.4	156.2	157.3	145.7	137.3	134.2
80°	101.7	105.9	112.2	118.5	121.6	121.6	120.6	116.4	112.2	105.9	100.6
82.5°	70.2	75.5	80.7	84.9	84.9	86.0	83.9	82.8	78.6	73.4	72.3
85°	41.9	43.0	47.2	47.2	51.4	49.3	48.2	51.4	47.2	44.0	43.0
87.5°	18.9	17.8	18.9	18.9	17.8	19.9	19.9	18.9	19.9	18.9	18.9
90°	20.8	21.8	21.8	21.8	22.8	22.8	22.8	21.8	21.8	21.8	20.8
92.5°	105.7	96.3	80.4	77.4	75.4	73.5	75.4	77.4	80.4	96.3	105.7
95°	399.0	357.4	286.9	257.1	249.2	233.3	249.2	257.1	286.9	357.4	399.0
97.5°	720.7	661.1	601.5	549.9	523.1	511.2	523.1	549.9	601.5	661.1	720.7
100°	1018.4	966.8	898.3	826.9	790.1	774.3	790.1	826.9	898.3	966.8	1018.4
102.5°	1270.6	1239.8	1165.4	1119.7	1079.0	1068.1	1079.0	1119.7	1165.4	1239.8	1270.6
105°	1417.0	1411.5	1379.8	1347.0	1327.2	1315.3	1327.2	1347.0	1379.8	1411.5	1417.0
107.5°	1458.2	1480.0	1489.0	1484.0	1474.1	1464.2	1474.1	1484.0	1489.0	1480.0	1458.2
110°	1419.0	1461.2	1505.8	1524.7	1531.6	1531.6	1531.6	1524.7	1505.8	1461.2	1419.0

TEST NUMBER: P1028212

CATALOG NUMBER: S125DIP-B850D1090UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1337.1	1388.7	1459.2	1494.9	1514.8	1523.7	1514.8	1494.9	1459.2	1388.7	1337.1
115°	1245.3	1299.4	1376.8	1424.4	1452.2	1465.1	1452.2	1424.4	1376.8	1299.4	1245.3
117.5°	1161.9	1213.0	1291.4	1341.1	1368.9	1376.8	1368.9	1341.1	1291.4	1213.0	1161.9
120°	1091.9	1135.6	1209.0	1256.7	1283.5	1291.4	1283.5	1256.7	1209.0	1135.6	1091.9
122.5°	1035.8	1076.0	1139.6	1182.2	1209.0	1216.0	1209.0	1182.2	1139.6	1076.0	1035.8
125°	990.6	1026.4	1082.0	1122.7	1144.5	1154.4	1144.5	1122.7	1082.0	1026.4	990.6
127.5°	952.0	985.7	1036.3	1073.0	1093.9	1097.9	1093.9	1073.0	1036.3	985.7	952.0
130°	912.8	945.0	994.6	1027.4	1047.2	1053.2	1047.2	1027.4	994.6	945.0	912.8
132.5°	870.6	901.3	951.0	983.7	1001.6	1008.5	1001.6	983.7	951.0	901.3	870.6
135°	830.4	858.6	902.3	935.1	952.9	958.9	952.9	935.1	902.3	858.6	830.4
137.5°	788.2	813.0	852.7	883.5	900.3	907.3	900.3	883.5	852.7	813.0	788.2
140°	749.4	770.3	807.0	832.8	847.7	852.7	847.7	832.8	807.0	770.3	749.4
142.5°	716.2	733.6	763.3	784.2	798.1	802.1	798.1	784.2	763.3	733.6	716.2
145°	687.4	700.8	724.6	741.5	752.4	756.4	752.4	741.5	724.6	700.8	687.4
147.5°	662.6	673.0	692.9	706.8	713.7	715.7	713.7	706.8	692.9	673.0	662.6
150°	642.2	651.2	666.1	678.0	681.9	682.9	681.9	678.0	666.1	651.2	642.2
152.5°	624.8	631.3	643.2	652.2	656.1	657.1	656.1	652.2	643.2	631.3	624.8
155°	608.0	613.5	623.4	630.3	633.3	634.3	633.3	630.3	623.4	613.5	608.0
157.5°	592.1	596.6	604.5	610.5	613.5	613.5	613.5	610.5	604.5	596.6	592.1
160°	576.2	579.7	586.7	591.6	593.6	592.6	593.6	591.6	586.7	579.7	576.2
162.5°	561.8	564.8	569.8	573.7	573.7	573.7	573.7	573.7	569.8	564.8	561.8
165°	547.4	549.9	553.9	555.9	555.9	555.9	555.9	555.9	553.9	549.9	547.4
167.5°	534.0	536.0	538.0	540.0	539.0	539.0	539.0	540.0	538.0	536.0	534.0
170°	521.1	522.1	524.1	525.1	525.1	524.1	525.1	525.1	524.1	522.1	521.1
172.5°	510.7	511.2	511.2	513.2	511.2	510.2	511.2	513.2	511.2	511.2	510.7
175°	501.3	501.3	501.3	502.3	500.3	499.3	500.3	502.3	501.3	501.3	501.3
177.5°	495.3	495.3	494.3	495.3	492.4	492.4	492.4	495.3	494.3	495.3	495.3
180°	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4

TEST NUMBER: P1028212

CATALOG NUMBER: S125DIP-B850D1090UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0	1235.0
2.5°	1173.1	1166.9	1174.2	1164.8	1166.9	1178.4	1177.3	1187.8	1194.1	1193.1	1198.3
5°	1095.6	1095.6	1098.7	1097.7	1108.1	1117.6	1130.2	1140.6	1152.2	1158.5	1165.8
7.5°	1019.0	1029.5	1031.6	1036.9	1049.4	1065.2	1077.7	1093.5	1110.2	1121.8	1130.2
10°	956.1	964.5	972.9	977.1	990.7	1011.7	1029.5	1054.7	1075.6	1088.2	1099.8
12.5°	900.6	910.0	914.2	933.1	942.5	956.1	981.3	1008.6	1031.6	1045.2	1054.7
15°	860.7	866.0	875.4	886.9	896.4	913.1	934.1	964.5	986.5	998.1	1030.6
17.5°	827.2	833.5	838.7	844.0	858.6	876.5	896.4	922.6	950.9	970.8	987.6
20°	792.6	795.7	802.0	810.4	820.9	837.7	855.5	882.7	907.9	923.6	945.6
22.5°	751.7	761.1	767.4	773.7	785.2	804.1	820.9	840.8	872.3	890.1	913.1
25°	727.6	731.8	736.0	743.3	751.7	768.5	787.3	808.3	833.5	852.3	872.3
27.5°	696.1	702.4	707.7	717.1	722.3	736.0	753.8	774.8	805.2	820.9	837.7
30°	669.9	676.2	680.4	684.6	691.9	706.6	723.4	740.2	768.5	788.4	805.2
32.5°	643.7	650.0	655.2	658.4	665.7	675.2	688.8	709.8	733.9	747.5	769.5
35°	620.6	620.6	626.9	631.1	637.4	645.8	658.4	674.1	699.3	717.1	737.0
37.5°	594.4	595.5	600.7	603.9	610.2	618.5	631.1	645.8	666.8	680.4	700.3
40°	567.2	570.3	572.4	577.7	585.0	588.1	600.7	617.5	638.5	651.1	667.8
42.5°	539.9	542.0	547.3	551.5	557.7	563.0	571.4	587.1	602.8	621.7	635.3
45°	509.5	514.8	517.9	525.2	528.4	533.6	542.0	554.6	573.5	585.0	600.7
47.5°	483.3	485.4	487.5	496.9	503.2	506.4	514.8	522.1	542.0	552.5	567.2
50°	455.0	455.0	458.1	462.3	469.7	476.0	483.3	491.7	507.4	517.9	532.6
52.5°	428.8	425.6	427.7	429.8	437.2	443.5	450.8	462.3	477.0	483.3	495.9
55°	400.5	395.2	398.4	401.5	403.6	412.0	420.4	427.7	439.3	448.7	460.2
57.5°	370.1	369.0	366.9	368.0	373.2	378.5	384.8	394.2	407.8	415.2	421.5
60°	342.8	336.5	334.4	336.5	339.7	342.8	351.2	359.6	371.1	378.5	385.8
62.5°	314.5	308.2	304.0	300.9	304.0	311.4	316.6	322.9	332.3	340.7	347.0
65°	287.3	277.8	273.6	271.5	270.5	275.7	279.9	288.3	296.7	299.8	307.2
67.5°	256.9	248.5	243.2	240.1	240.1	240.1	244.3	252.7	261.0	262.1	269.4
70°	226.5	217.0	211.8	207.6	205.5	207.6	212.8	213.9	221.2	223.3	227.5
72.5°	194.0	185.6	179.3	174.0	175.1	177.2	177.2	179.3	183.5	188.7	188.7
75°	163.5	152.0	148.9	144.7	142.6	142.6	142.6	146.8	149.9	154.1	153.1
77.5°	129.0	122.7	116.4	114.3	111.1	110.1	112.2	112.2	114.3	117.4	118.5
80°	99.6	92.3	88.1	86.0	81.8	80.7	81.8	81.8	84.9	83.9	84.9
82.5°	69.2	64.0	60.8	57.7	55.6	56.6	55.6	55.6	56.6	55.6	55.6
85°	39.8	38.8	36.7	35.6	34.6	32.5	34.6	33.5	32.5	31.5	33.5
87.5°	18.9	17.8	17.8	15.7	15.7	14.7	15.7	15.7	14.7	14.7	14.7
90°	19.9	18.9	17.9	16.9	15.9	13.9	12.9	10.9	9.9	8.9	7.9
92.5°	115.1	154.9	215.4	319.6	396.1	403.0	279.9	166.8	99.3	81.4	63.5
95°	440.7	562.8	713.7	860.6	879.5	717.7	443.7	225.3	119.1	96.8	74.4
97.5°	780.2	903.3	1023.4	1075.0	950.0	658.1	362.3	194.6	121.1	104.7	88.3
100°	1070.1	1172.3	1221.0	1144.5	896.4	571.8	321.6	192.6	135.0	120.1	105.2
102.5°	1301.4	1337.1	1287.5	1102.8	802.1	506.2	304.7	201.5	151.9	137.5	123.1
105°	1422.5	1378.8	1242.8	1004.6	719.7	468.5	302.8	214.4	170.7	156.8	142.9
107.5°	1436.4	1331.1	1151.5	911.2	658.1	448.7	309.7	232.3	189.6	177.2	164.8
110°	1376.8	1236.8	1048.2	833.8	617.4	440.7	320.6	252.1	211.4	198.5	185.6

TEST NUMBER: P1028212

CATALOG NUMBER: S125DIP-B850D1090UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1285.5	1143.5	966.8	776.2	593.6	440.7	334.5	271.0	232.3	219.9	207.5
115°	1191.2	1055.2	901.3	737.5	577.7	443.7	348.4	290.8	254.1	241.7	229.3
117.5°	1110.8	991.7	855.7	711.7	568.8	448.7	364.3	310.7	276.0	264.0	252.1
120°	1048.2	939.0	819.9	690.9	562.8	456.6	380.2	332.5	297.8	285.4	273.0
122.5°	995.6	901.3	793.1	673.0	557.9	463.6	398.1	353.4	318.6	306.2	293.8
125°	954.9	868.6	767.3	657.1	553.9	471.5	413.9	371.2	338.5	325.6	312.7
127.5°	918.2	836.8	740.5	642.2	551.9	480.4	428.8	389.1	357.4	344.4	331.5
130°	880.5	803.0	715.7	627.4	549.9	488.4	443.7	406.0	375.2	362.3	349.4
132.5°	839.8	771.3	690.9	615.4	549.9	497.3	456.6	421.9	391.1	378.2	365.3
135°	802.1	738.5	670.0	606.5	549.9	505.3	468.5	435.8	405.0	391.6	378.2
137.5°	763.3	708.7	651.2	597.6	550.9	513.2	477.5	445.7	417.9	404.0	390.1
140°	728.6	682.9	636.3	591.6	551.9	518.2	486.4	456.6	427.8	414.4	401.0
142.5°	698.8	661.1	623.4	586.7	552.9	521.1	491.4	463.6	436.8	424.4	411.9
145°	674.0	643.2	612.5	581.7	551.9	523.1	496.3	471.5	445.7	434.3	422.9
147.5°	652.2	627.4	601.5	576.7	549.9	524.1	499.3	476.5	453.6	443.2	432.8
150°	633.3	614.4	592.6	570.8	546.9	524.1	502.3	481.4	459.6	451.2	442.7
152.5°	618.4	601.5	582.7	563.8	543.0	523.1	504.3	486.4	466.5	459.1	451.7
155°	602.5	588.6	572.8	555.9	538.0	521.1	505.3	489.4	472.5	465.6	458.6
157.5°	587.6	576.7	562.8	548.9	533.0	519.2	506.2	492.4	477.5	472.0	466.5
160°	572.8	562.8	552.9	540.0	528.1	516.2	506.2	494.3	481.4	477.0	472.5
162.5°	558.9	550.9	542.0	532.1	522.1	513.2	505.3	496.3	485.4	482.0	478.5
165°	545.0	539.0	532.1	524.1	516.2	510.2	504.3	496.3	488.4	485.4	482.4
167.5°	532.1	527.1	522.1	516.2	510.2	505.3	502.3	496.3	489.4	487.4	485.4
170°	520.1	517.2	514.2	509.2	505.3	502.3	500.3	496.3	491.4	489.9	488.4
172.5°	510.2	508.2	505.3	502.3	499.3	498.3	498.3	495.3	491.4	490.9	490.4
175°	501.3	499.3	499.3	496.3	495.3	495.3	496.3	494.3	491.4	491.4	491.4
177.5°	495.3	495.3	494.3	493.3	492.4	492.4	494.3	493.3	491.4	491.4	491.4
180°	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4

TEST NUMBER: P1028212

CATALOG NUMBER: S125DIP-B850D1090UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1235.0	1235.0	1235.0	1235.0
2.5°	1205.6	1216.1	1223.5	1237.1
5°	1178.4	1197.3	1215.1	1234.0
7.5°	1151.1	1173.1	1201.5	1225.6
10°	1120.7	1149.0	1182.6	1215.1
12.5°	1090.3	1123.9	1160.6	1203.6
15°	1053.6	1096.6	1139.6	1185.7
17.5°	1021.1	1065.2	1111.3	1169.0
20°	984.4	1032.7	1083.0	1141.7
22.5°	951.9	1005.4	1057.8	1119.7
25°	915.2	967.7	1025.3	1091.4
27.5°	884.8	933.1	989.7	1061.0
30°	848.1	900.6	957.2	1028.5
32.5°	813.6	863.9	923.6	993.9
35°	777.9	829.3	882.7	949.8
37.5°	744.4	788.4	841.9	905.8
40°	706.6	754.8	803.1	853.4
42.5°	672.0	716.1	761.1	801.0
45°	633.2	671.0	714.0	746.5
47.5°	597.6	631.1	664.7	689.8
50°	561.9	588.1	613.3	635.3
52.5°	520.0	549.4	563.0	576.6
55°	482.3	499.0	511.6	525.2
57.5°	445.6	452.9	459.2	471.8
60°	397.3	405.7	413.1	422.5
62.5°	355.4	359.6	361.7	371.1
65°	315.6	314.5	319.8	325.0
67.5°	272.6	271.5	276.8	278.9
70°	230.6	229.6	230.6	235.9
72.5°	190.8	190.8	191.9	194.0
75°	154.1	154.1	155.2	157.3
77.5°	116.4	118.5	117.4	121.6
80°	84.9	82.8	84.9	87.0
82.5°	55.6	57.7	57.7	55.6
85°	31.5	31.5	31.5	31.5
87.5°	13.6	13.6	14.7	15.7
90°	6.0	4.0	2.0	1.0
92.5°	42.7	27.8	17.9	14.9
95°	52.6	41.7	33.7	32.8
97.5°	68.5	57.6	51.6	50.6
100°	86.4	75.4	71.5	69.5
102.5°	106.2	94.3	91.3	90.3
105°	127.1	117.1	112.2	112.2
107.5°	147.9	140.0	135.0	133.0
110°	170.7	161.8	157.8	155.8

TEST NUMBER: P1028212

CATALOG NUMBER: S125DIP-B850D1090UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	192.6	183.6	180.7	178.7
115°	214.4	205.5	202.5	200.5
117.5°	235.3	226.3	223.3	220.4
120°	256.1	247.2	243.2	240.2
122.5°	275.0	266.0	263.1	261.1
125°	293.8	284.9	279.9	277.9
127.5°	311.7	300.8	294.8	291.8
130°	328.6	315.7	307.7	304.7
132.5°	343.5	328.6	318.6	314.7
135°	357.4	341.5	329.6	325.6
137.5°	369.3	353.4	342.5	339.5
140°	382.2	366.3	354.4	351.4
142.5°	394.1	378.2	367.3	365.3
145°	405.0	391.1	381.2	379.2
147.5°	416.9	404.0	395.1	394.1
150°	428.8	415.9	409.0	407.0
152.5°	438.7	427.8	421.9	420.9
155°	448.7	438.7	432.8	432.8
157.5°	457.6	448.7	443.7	443.7
160°	464.6	457.6	453.6	454.6
162.5°	472.5	466.5	462.6	463.6
165°	478.5	473.5	470.5	472.5
167.5°	482.4	479.4	477.5	478.5
170°	486.4	484.4	483.4	484.4
172.5°	489.4	487.4	486.4	488.4
175°	491.4	490.4	489.4	491.4
177.5°	492.4	491.4	491.4	493.3
180°	492.4	492.4	492.4	492.4

(END OF REPORT)