

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: P1028221

Luminaire Tested: S125DIP-B850D1090UB40-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1028221
REPORT IS A COMBINATION OF REPORTS P1002463 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B850D1090UB40-4F0-XX-W2A-A4
Description: Define 5 Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

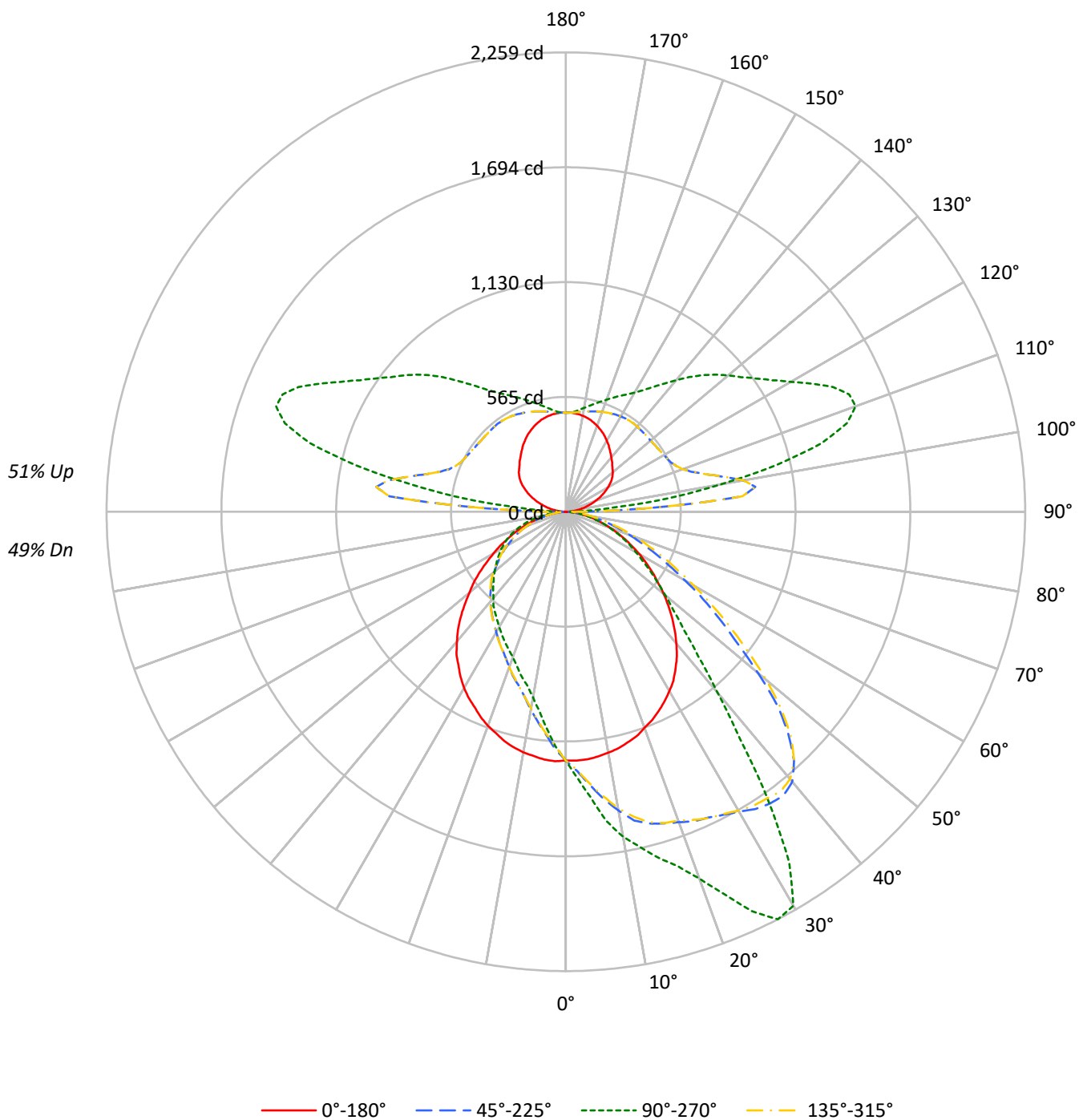
Lumens per Lamp: N/A
Luminaire Lumens: 7114.0 lumens
Efficiency: N/A
Efficacy: 110.5 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	7836	7836	7836	7836
5°	7842	8889	7849	6743
10°	7794	10131	7781	5789
15°	7737	10985	7689	5230
20°	7639	12038	7569	4775
25°	7552	13793	7414	4505
30°	7427	14551	7299	4261
35°	7230	11665	7078	4065
40°	6923	8062	6821	3857
45°	6535	6002	6461	3685
50°	6089	4941	5989	3547
55°	5609	4215	5565	3427
60°	5139	3607	5049	3334
65°	4630	3115	4556	3198
70°	4095	2587	4040	2963
75°	3525	2000	3478	2572
80°	2786	1353	2685	1890
85°	1778	678	1721	964

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 11968 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.7	1.7
10°-20°	350.6	4.9
20°-30°	569.5	8.0
30°-40°	696.0	9.8
40°-50°	631.3	8.9
50°-60°	502.8	7.1
60°-70°	350.2	4.9
70°-80°	186.6	2.6
80°-90°	48.2	0.7
90°-100°	354.6	5.0
100°-110°	764.6	10.7
110°-120°	712.8	10.0
120°-130°	577.3	8.1
130°-140°	463.6	6.5
140°-150°	349.6	4.9
150°-160°	246.2	3.5
160°-170°	145.1	2.0
170°-180°	47.2	0.7
0°-30°	1037.8	14.6
0°-40°	1733.8	24.4
0°-60°	2867.9	40.3
0°-90°	3452.9	48.5
90°-120°	1832.0	25.8
90°-150°	3222.5	45.3
90°-180°	3661.0	51.5
0°-180°	7114.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1223	1223	1223	1223	1223	
5°	1222	1411	1223	1070	1222	116
15°	1174	1762	1167	839	1174	331
25°	1081	2168	1061	708	1081	498
35°	941	1740	921	606	941	587
45°	739	820	731	504	739	569
55°	520	506	516	411	520	465
65°	322	310	317	319	322	319
75°	156	153	154	196	156	166
85°	31	34	30	49	31	37
90°	1	23	1	23	1	4
95°	32	231	32	231	32	34
105°	111	1302	111	1302	111	117
115°	198	1450	198	1450	198	195
125°	275	1143	275	1143	275	244
135°	322	949	322	949	322	250
145°	375	749	375	749	375	235
155°	428	628	428	628	428	197
165°	468	550	468	550	468	132
175°	486	494	486	494	486	46
180°	487	487	487	487	487	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0
2.5°	1225.0	1232.3	1240.6	1246.8	1257.2	1260.3	1265.5	1268.6	1271.7	1274.9	1276.9
5°	1221.9	1239.6	1255.1	1266.6	1286.3	1293.5	1302.9	1314.3	1327.8	1339.2	1346.5
7.5°	1213.6	1241.6	1262.4	1285.2	1312.2	1329.9	1339.2	1363.1	1384.9	1401.5	1423.3
10°	1203.2	1236.5	1268.6	1302.9	1341.3	1361.0	1379.7	1412.9	1443.0	1470.0	1491.8
12.5°	1191.8	1232.3	1270.7	1315.4	1367.3	1391.1	1403.6	1460.7	1498.1	1512.6	1555.2
15°	1174.2	1221.9	1276.9	1332.0	1375.6	1403.6	1437.9	1483.5	1520.9	1553.1	1587.3
17.5°	1157.6	1209.5	1265.5	1326.8	1390.1	1426.4	1452.4	1492.9	1533.4	1574.9	1607.1
20°	1130.6	1198.0	1255.1	1320.5	1395.3	1421.2	1448.2	1496.0	1539.6	1584.2	1624.7
22.5°	1108.8	1173.1	1251.0	1313.3	1376.6	1402.6	1435.8	1485.6	1537.5	1588.4	1647.6
25°	1080.7	1152.4	1219.8	1286.3	1351.7	1379.7	1409.8	1474.2	1528.2	1593.6	1659.0
27.5°	1050.6	1124.3	1191.8	1252.0	1313.3	1351.7	1383.9	1451.3	1523.0	1594.6	1679.7
30°	1018.4	1088.0	1152.4	1211.5	1279.0	1318.5	1350.6	1429.5	1509.5	1600.8	1702.6
32.5°	984.2	1049.6	1104.6	1164.8	1236.5	1272.8	1316.4	1402.6	1497.0	1606.0	1733.7
35°	940.6	1002.9	1051.7	1112.9	1184.5	1231.3	1276.9	1373.5	1483.5	1605.0	1751.4
37.5°	897.0	945.8	992.5	1057.9	1140.9	1183.5	1231.3	1337.2	1462.8	1601.9	1758.6
40°	845.1	892.8	933.3	999.7	1087.0	1135.7	1185.6	1296.7	1438.9	1590.5	1732.7
42.5°	793.2	833.6	878.3	947.8	1031.9	1083.8	1136.8	1260.3	1407.7	1557.2	1661.1
45°	739.2	770.3	819.1	882.4	971.7	1021.6	1081.8	1215.7	1364.1	1497.0	1548.9
47.5°	683.1	714.3	759.9	821.2	909.4	968.6	1025.7	1159.6	1309.1	1411.9	1411.9
50°	629.1	654.0	698.7	759.9	849.2	903.2	961.3	1103.6	1224.0	1299.8	1232.3
52.5°	571.0	599.0	636.4	700.8	789.0	837.8	901.1	1022.6	1136.8	1167.9	1064.1
55°	520.1	543.0	578.3	639.5	721.5	772.4	826.4	942.7	1039.2	1037.1	926.0
57.5°	467.2	485.9	523.2	579.3	655.1	700.8	754.7	855.4	934.3	906.3	801.5
60°	418.4	431.9	468.2	513.9	586.6	629.1	681.0	763.0	823.3	783.8	677.9
62.5°	367.5	383.1	412.2	456.8	521.2	555.4	593.8	676.9	715.3	680.0	572.0
65°	321.8	334.3	360.2	397.6	455.8	486.9	520.1	588.6	625.0	574.1	484.8
67.5°	276.2	290.7	309.4	342.6	388.3	417.3	446.4	505.6	522.2	476.5	401.8
70°	233.6	246.0	263.7	287.6	326.0	351.9	373.7	422.5	434.0	391.4	332.2
72.5°	192.1	200.4	214.9	234.6	269.9	284.5	307.3	340.5	355.1	316.6	274.1
75°	155.7	162.0	171.3	185.8	209.7	225.3	244.0	275.1	274.1	247.1	217.0
77.5°	120.4	121.5	131.8	145.3	159.9	173.4	182.7	204.5	206.6	190.0	165.1
80°	86.2	89.3	93.4	103.8	116.3	121.5	132.9	146.4	148.5	136.0	119.4
82.5°	55.0	57.1	60.2	66.4	74.7	81.0	87.2	92.4	97.6	90.3	76.8
85°	31.1	32.2	35.3	37.4	41.5	44.6	49.8	55.0	54.0	48.8	44.6
87.5°	15.6	15.6	15.6	17.6	19.7	19.7	21.8	22.8	23.9	21.8	19.7
90°	1.0	2.0	3.9	5.9	7.9	8.9	9.8	10.8	12.8	13.8	15.7
92.5°	14.7	17.7	27.5	42.3	62.9	80.6	98.3	165.1	277.1	399.0	392.1
95°	32.4	33.4	41.3	52.1	73.7	95.8	117.9	223.1	439.3	710.5	870.7
97.5°	50.1	51.1	57.0	67.8	87.5	103.7	119.9	192.6	358.7	651.5	940.5
100°	68.8	70.8	74.7	85.5	104.2	118.9	133.6	190.6	318.4	566.0	887.4
102.5°	89.4	90.4	93.4	105.2	121.9	136.2	150.4	199.5	301.7	501.2	794.0
105°	111.0	111.0	116.0	125.8	141.5	155.2	169.0	212.3	299.7	463.8	712.5
107.5°	131.7	133.6	138.6	146.4	163.1	175.4	187.7	230.0	306.6	444.2	651.5
110°	154.3	156.3	160.2	169.0	183.8	196.6	209.3	249.6	317.4	436.3	611.3

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	176.9	178.9	181.8	190.6	205.4	217.7	230.0	268.3	331.2	436.3	587.7
115°	198.5	200.5	203.4	212.3	227.0	239.3	251.6	287.9	344.9	439.3	571.9
117.5°	218.2	221.1	224.1	232.9	249.6	261.4	273.2	307.6	360.7	444.2	563.1
120°	237.8	240.8	244.7	253.5	270.2	282.5	294.8	329.2	376.4	452.1	557.2
122.5°	258.5	260.4	263.4	272.2	290.9	303.2	315.5	349.8	394.1	458.9	552.3
125°	275.2	277.1	282.0	290.9	309.6	322.4	335.1	367.5	409.8	466.8	548.4
127.5°	288.9	291.9	297.8	308.6	328.2	341.0	353.8	385.2	424.5	475.6	546.4
130°	301.7	304.6	312.5	325.3	345.9	358.7	371.5	401.9	439.3	483.5	544.4
132.5°	311.5	315.5	325.3	340.0	361.6	374.4	387.2	417.7	452.1	492.3	544.4
135°	322.3	326.3	338.1	353.8	374.4	387.6	400.9	431.4	463.8	500.2	544.4
137.5°	336.1	339.0	349.8	365.6	386.2	400.0	413.7	441.2	472.7	508.1	545.4
140°	347.9	350.8	362.6	378.3	397.0	410.3	423.6	452.1	481.5	513.0	546.4
142.5°	361.6	363.6	374.4	390.1	407.8	420.1	432.4	458.9	486.4	515.9	547.4
145°	375.4	377.4	387.2	400.9	418.6	429.9	441.2	466.8	491.4	517.9	546.4
147.5°	390.1	391.1	400.0	412.7	428.5	438.8	449.1	471.7	494.3	518.9	544.4
150°	402.9	404.9	411.8	424.5	438.3	446.6	455.0	476.6	497.3	518.9	541.5
152.5°	416.7	417.7	423.6	434.4	447.1	454.5	461.9	481.5	499.2	517.9	537.5
155°	428.5	428.5	434.4	444.2	454.0	460.9	467.8	484.5	500.2	515.9	532.6
157.5°	439.3	439.3	444.2	453.0	461.9	467.3	472.7	487.4	501.2	514.0	527.7
160°	450.1	449.1	453.0	459.9	467.8	472.2	476.6	489.4	501.2	511.0	522.8
162.5°	458.9	457.9	461.9	467.8	473.7	477.1	480.5	491.4	500.2	508.1	516.9
165°	467.8	465.8	468.8	473.7	477.6	480.6	483.5	491.4	499.2	505.1	511.0
167.5°	473.7	472.7	474.7	477.6	480.5	482.5	484.5	491.4	497.3	500.2	505.1
170°	479.6	478.6	479.6	481.5	483.5	485.0	486.4	491.4	495.3	497.3	500.2
172.5°	483.5	481.5	482.5	484.5	485.5	486.0	486.4	490.4	493.3	493.3	494.3
175°	486.4	484.5	485.5	486.4	486.4	486.4	486.4	489.4	491.4	490.4	490.4
177.5°	488.4	486.4	486.4	487.4	486.4	486.4	486.4	488.4	489.4	487.4	487.4
180°	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0
2.5°	1279.0	1286.3	1292.5	1297.7	1301.9	1308.1	1303.9	1305.0	1307.0	1311.2	1311.2
5°	1362.1	1373.5	1379.7	1400.5	1405.7	1404.6	1401.5	1418.1	1417.1	1410.9	1409.8
7.5°	1443.0	1462.8	1480.4	1497.0	1502.2	1515.7	1518.8	1526.1	1524.0	1534.4	1529.2
10°	1516.8	1547.9	1564.5	1589.4	1595.7	1601.9	1610.2	1614.3	1623.7	1622.6	1622.6
12.5°	1573.9	1611.2	1633.0	1639.3	1663.1	1670.4	1677.7	1691.2	1688.1	1689.1	1695.3
15°	1618.5	1654.8	1673.5	1702.6	1719.2	1727.5	1740.0	1754.5	1752.4	1761.8	1759.7
17.5°	1651.7	1686.0	1720.2	1763.8	1764.9	1786.7	1815.7	1822.0	1835.5	1826.1	1826.1
20°	1678.7	1724.4	1773.2	1829.2	1835.5	1849.0	1884.3	1908.1	1923.7	1918.5	1921.6
22.5°	1707.8	1773.2	1830.3	1886.3	1916.4	1940.3	1974.6	2012.0	2025.5	2033.8	2031.7
25°	1745.1	1813.7	1897.8	1975.6	2006.8	2052.4	2098.1	2134.5	2144.8	2167.7	2146.9
27.5°	1783.6	1880.1	1985.0	2076.3	2115.8	2153.1	2208.2	2235.2	2248.7	2259.0	2251.8
30°	1815.7	1948.6	2062.8	2146.9	2174.9	2196.7	2227.9	2234.1	2228.9	2237.2	2247.6
32.5°	1865.6	1995.3	2091.9	2132.4	2129.3	2128.2	2104.4	2071.1	2063.9	2044.1	2071.1
35°	1892.6	1996.4	2033.8	1979.8	1958.0	1918.5	1842.7	1792.9	1749.3	1740.0	1742.0
37.5°	1877.0	1917.5	1872.8	1730.6	1695.3	1635.1	1534.4	1463.8	1431.6	1406.7	1438.9
40°	1792.9	1748.3	1625.8	1452.4	1401.5	1344.4	1249.9	1211.5	1165.9	1156.5	1199.1
42.5°	1653.8	1517.8	1344.4	1210.5	1157.6	1125.4	1046.5	1010.1	977.9	963.4	987.3
45°	1464.8	1299.8	1125.4	1015.3	970.7	932.3	885.6	847.1	826.4	820.1	839.9
47.5°	1269.7	1095.3	956.1	874.1	827.4	798.3	754.7	732.9	716.3	718.4	721.5
50°	1082.8	924.0	817.0	735.0	712.2	689.3	660.3	641.6	633.3	636.4	634.3
52.5°	921.9	793.2	702.8	639.5	629.1	607.3	583.4	567.9	564.8	565.8	568.9
55°	780.7	680.0	608.4	562.7	551.3	535.7	521.2	510.8	502.5	505.6	504.5
57.5°	673.8	585.5	530.5	493.1	484.8	475.5	462.0	456.8	453.7	447.4	452.6
60°	579.3	507.7	459.9	437.1	429.8	423.6	409.0	402.8	400.7	397.6	405.9
62.5°	490.0	439.1	402.8	382.0	374.8	368.5	361.3	356.1	357.1	353.0	357.1
65°	419.4	377.9	351.9	333.2	323.9	319.8	318.7	310.4	309.4	310.4	311.4
67.5°	354.0	318.7	299.0	287.6	280.3	276.2	273.0	267.8	272.0	268.9	271.0
70°	294.8	271.0	250.2	238.8	235.7	236.7	231.5	229.4	230.5	228.4	230.5
72.5°	237.7	218.0	209.7	201.4	197.3	196.2	193.1	190.0	193.1	192.1	192.1
75°	190.0	175.4	166.1	160.9	160.9	158.8	153.6	153.6	153.6	152.6	153.6
77.5°	146.4	133.9	129.8	124.6	124.6	121.5	120.4	120.4	118.4	121.5	119.4
80°	109.0	99.7	93.4	90.3	90.3	89.3	87.2	86.2	87.2	86.2	86.2
82.5°	70.6	66.4	63.3	60.2	59.2	60.2	59.2	57.1	58.1	57.1	59.2
85°	40.5	36.3	36.3	34.3	35.3	33.2	34.3	32.2	31.1	34.3	32.2
87.5°	17.6	16.6	16.6	14.5	14.5	14.5	13.5	14.5	13.5	12.5	13.5
90°	16.7	17.7	18.7	19.7	20.6	21.6	21.6	21.6	22.6	22.6	22.6
92.5°	316.4	213.2	153.3	114.0	104.6	95.3	79.6	76.7	74.7	72.7	74.7
95°	852.0	706.6	557.2	436.3	395.0	353.8	284.0	254.5	246.7	230.9	246.7
97.5°	1064.3	1013.2	894.3	772.4	713.4	654.5	595.5	544.4	517.9	506.1	517.9
100°	1133.1	1208.7	1160.6	1059.4	1008.3	957.2	889.4	818.6	782.2	766.5	782.2
102.5°	1091.8	1274.6	1323.7	1288.3	1257.8	1227.4	1153.7	1108.5	1068.2	1057.4	1068.2
105°	994.5	1230.4	1365.0	1408.2	1402.8	1397.4	1366.0	1333.5	1313.9	1302.1	1313.9
107.5°	902.1	1140.0	1317.8	1422.0	1443.6	1465.2	1474.1	1469.2	1459.3	1449.5	1459.3
110°	825.5	1037.7	1224.5	1363.0	1404.8	1446.6	1490.8	1509.5	1516.3	1516.3	1516.3

TEST NUMBER: P1028221

CATALOG NUMBER: S125DIP-B850D1090UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	768.5	957.2	1132.1	1272.6	1323.7	1374.8	1444.6	1480.0	1499.6	1508.5	1499.6
115°	730.2	892.3	1044.6	1179.3	1232.8	1286.4	1363.0	1410.2	1437.7	1450.5	1437.7
117.5°	704.6	847.1	981.7	1099.7	1150.3	1200.9	1278.5	1327.7	1355.2	1363.0	1355.2
120°	684.0	811.7	929.7	1037.7	1081.0	1124.2	1197.0	1244.1	1270.7	1278.5	1270.7
122.5°	666.3	785.2	892.3	985.7	1025.5	1065.3	1128.2	1170.4	1197.0	1203.8	1197.0
125°	650.6	759.6	859.9	945.4	980.8	1016.1	1071.2	1111.5	1133.1	1142.9	1133.1
127.5°	635.8	733.1	828.4	909.0	942.4	975.8	1026.0	1062.3	1083.0	1086.9	1083.0
130°	621.1	708.5	795.0	871.7	903.6	935.5	984.7	1017.1	1036.8	1042.7	1036.8
132.5°	609.3	684.0	763.6	831.4	861.8	892.3	941.4	973.9	991.6	998.4	991.6
135°	600.4	663.3	731.1	794.0	822.0	850.1	893.3	925.7	943.4	949.3	943.4
137.5°	591.6	644.7	701.7	755.7	780.2	804.8	844.2	874.6	891.3	898.2	891.3
140°	585.7	629.9	676.1	721.3	742.0	762.6	798.9	824.5	839.2	844.2	839.2
142.5°	580.8	617.1	654.5	691.8	709.0	726.2	755.7	776.3	790.1	794.0	790.1
145°	575.9	606.3	636.8	667.3	680.6	693.8	717.4	734.1	744.9	748.8	744.9
147.5°	571.0	595.5	621.1	645.6	656.0	666.3	685.9	699.7	706.6	708.5	706.6
150°	565.1	586.7	608.3	627.0	635.8	644.7	659.4	671.2	675.1	676.1	675.1
152.5°	558.2	576.9	595.5	612.2	618.6	625.0	636.8	645.6	649.6	650.6	649.6
155°	550.3	567.0	582.8	596.5	601.9	607.3	617.1	624.0	627.0	628.0	627.0
157.5°	543.4	557.2	571.0	581.8	586.2	590.6	598.5	604.4	607.3	607.3	607.3
160°	534.6	547.4	557.2	567.0	570.4	573.9	580.8	585.7	587.7	586.7	587.7
162.5°	526.7	536.6	545.4	553.3	556.2	559.2	564.1	568.0	568.0	568.0	568.0
165°	518.9	526.7	533.6	539.5	542.0	544.4	548.4	550.3	550.3	550.3	550.3
167.5°	511.0	516.9	521.8	526.7	528.7	530.7	532.6	534.6	533.6	533.6	533.6
170°	504.1	509.0	512.0	514.9	515.9	516.9	518.9	519.9	519.9	518.9	519.9
172.5°	497.3	500.2	503.2	505.1	505.6	506.1	506.1	508.1	506.1	505.1	506.1
175°	491.4	494.3	494.3	496.3	496.3	496.3	496.3	497.3	495.3	494.3	495.3
177.5°	488.4	489.4	490.4	490.4	490.4	490.4	489.4	490.4	487.4	487.4	487.4
180°	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4

TEST NUMBER: P1028221

CATALOG NUMBER: S125DIP-B850D1090UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0
2.5°	1309.1	1301.9	1303.9	1301.9	1296.7	1293.5	1285.2	1274.9	1270.7	1265.5	1262.4
5°	1414.0	1408.8	1407.7	1399.4	1397.4	1384.9	1364.1	1353.8	1341.3	1328.8	1316.4
7.5°	1528.2	1521.9	1501.2	1498.1	1500.1	1484.6	1457.6	1436.8	1410.9	1393.2	1369.3
10°	1622.6	1610.2	1592.5	1593.6	1586.3	1565.5	1538.6	1516.8	1479.4	1456.5	1422.3
12.5°	1679.7	1669.4	1667.3	1656.9	1650.7	1623.7	1591.5	1563.5	1535.4	1504.3	1478.3
15°	1749.3	1735.8	1726.5	1711.9	1707.8	1679.7	1644.4	1612.3	1580.1	1551.0	1496.0
17.5°	1826.1	1811.6	1776.3	1773.2	1748.3	1721.3	1687.0	1639.3	1605.0	1563.5	1523.0
20°	1913.3	1892.6	1846.9	1835.5	1815.7	1771.1	1724.4	1671.4	1616.4	1573.9	1526.1
22.5°	2010.9	1974.6	1941.4	1905.0	1890.5	1835.5	1771.1	1706.7	1640.3	1582.2	1525.1
25°	2137.6	2089.8	2043.1	2006.8	1981.9	1910.2	1824.0	1738.9	1662.1	1586.3	1511.6
27.5°	2237.2	2195.7	2144.8	2097.1	2064.9	1979.8	1881.1	1771.1	1675.6	1583.2	1503.3
30°	2244.5	2232.0	2200.9	2174.9	2139.7	2048.3	1939.3	1814.7	1696.4	1584.2	1486.6
32.5°	2108.5	2133.4	2146.9	2151.1	2143.8	2090.9	1991.2	1854.2	1715.0	1574.9	1472.1
35°	1815.7	1882.2	1964.2	1995.3	2025.5	2053.5	2001.6	1882.2	1721.3	1572.8	1449.3
37.5°	1495.0	1555.2	1691.2	1753.5	1788.8	1899.8	1942.4	1878.0	1733.7	1574.9	1427.5
40°	1206.3	1301.9	1399.4	1483.5	1538.6	1663.1	1795.0	1809.5	1716.1	1555.2	1399.4
42.5°	1015.3	1071.4	1145.1	1223.0	1271.7	1419.2	1597.7	1702.6	1661.1	1523.0	1365.2
45°	864.8	906.3	975.9	1001.8	1064.1	1205.3	1394.3	1545.8	1566.6	1472.1	1325.7
47.5°	742.3	777.6	822.2	854.4	904.2	1010.1	1170.0	1337.2	1436.8	1402.6	1270.7
50°	654.0	683.1	720.5	739.2	771.4	866.9	987.3	1153.4	1287.3	1298.7	1199.1
52.5°	580.3	596.9	626.0	646.8	672.7	730.9	839.9	976.9	1127.4	1189.7	1110.8
55°	516.0	529.5	555.4	568.9	582.4	632.2	717.4	841.9	983.1	1065.2	1020.5
57.5°	457.8	469.2	491.1	503.5	510.8	558.5	623.9	721.5	848.2	947.8	922.9
60°	410.1	420.5	432.9	442.3	450.6	490.0	535.7	614.6	727.8	824.3	818.1
62.5°	359.2	368.5	382.0	391.4	398.7	423.6	462.0	522.2	618.7	708.0	725.7
65°	314.6	321.8	331.2	335.3	344.7	363.4	394.5	448.5	527.4	607.3	619.8
67.5°	274.1	276.2	282.4	291.7	293.8	310.4	338.4	378.9	440.2	505.6	525.3
70°	230.5	233.6	238.8	246.0	250.2	260.6	284.5	311.4	364.4	421.5	436.0
72.5°	192.1	196.2	198.3	202.4	204.5	221.1	231.5	258.5	294.8	342.6	358.2
75°	155.7	159.9	160.9	163.0	165.1	172.3	186.9	203.5	233.6	264.7	285.5
77.5°	123.5	122.5	124.6	127.7	126.7	132.9	142.2	156.8	176.5	202.4	215.9
80°	87.2	87.2	90.3	93.4	92.4	98.6	101.7	112.1	128.7	145.3	150.5
82.5°	58.1	58.1	61.3	61.3	63.3	64.4	68.5	73.7	87.2	95.5	98.6
85°	33.2	33.2	34.3	34.3	34.3	36.3	39.5	41.5	45.7	50.9	52.9
87.5°	13.5	14.5	14.5	14.5	14.5	16.6	16.6	18.7	19.7	21.8	21.8
90°	21.6	21.6	21.6	20.6	19.7	18.7	17.7	16.7	15.7	13.8	12.8
92.5°	76.7	79.6	95.3	104.6	114.0	153.3	213.2	316.4	392.1	399.0	277.1
95°	254.5	284.0	353.8	395.0	436.3	557.2	706.6	852.0	870.7	710.5	439.3
97.5°	544.4	595.5	654.5	713.4	772.4	894.3	1013.2	1064.3	940.5	651.5	358.7
100°	818.6	889.4	957.2	1008.3	1059.4	1160.6	1208.7	1133.1	887.4	566.0	318.4
102.5°	1108.5	1153.7	1227.4	1257.8	1288.3	1323.7	1274.6	1091.8	794.0	501.2	301.7
105°	1333.5	1366.0	1397.4	1402.8	1408.2	1365.0	1230.4	994.5	712.5	463.8	299.7
107.5°	1469.2	1474.1	1465.2	1443.6	1422.0	1317.8	1140.0	902.1	651.5	444.2	306.6
110°	1509.5	1490.8	1446.6	1404.8	1363.0	1224.5	1037.7	825.5	611.3	436.3	317.4

TEST NUMBER: P1028221

CATALOG NUMBER: S125DIP-B850D1090UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1480.0	1444.6	1374.8	1323.7	1272.6	1132.1	957.2	768.5	587.7	436.3	331.2
115°	1410.2	1363.0	1286.4	1232.8	1179.3	1044.6	892.3	730.2	571.9	439.3	344.9
117.5°	1327.7	1278.5	1200.9	1150.3	1099.7	981.7	847.1	704.6	563.1	444.2	360.7
120°	1244.1	1197.0	1124.2	1081.0	1037.7	929.7	811.7	684.0	557.2	452.1	376.4
122.5°	1170.4	1128.2	1065.3	1025.5	985.7	892.3	785.2	666.3	552.3	458.9	394.1
125°	1111.5	1071.2	1016.1	980.8	945.4	859.9	759.6	650.6	548.4	466.8	409.8
127.5°	1062.3	1026.0	975.8	942.4	909.0	828.4	733.1	635.8	546.4	475.6	424.5
130°	1017.1	984.7	935.5	903.6	871.7	795.0	708.5	621.1	544.4	483.5	439.3
132.5°	973.9	941.4	892.3	861.8	831.4	763.6	684.0	609.3	544.4	492.3	452.1
135°	925.7	893.3	850.1	822.0	794.0	731.1	663.3	600.4	544.4	500.2	463.8
137.5°	874.6	844.2	804.8	780.2	755.7	701.7	644.7	591.6	545.4	508.1	472.7
140°	824.5	798.9	762.6	742.0	721.3	676.1	629.9	585.7	546.4	513.0	481.5
142.5°	776.3	755.7	726.2	709.0	691.8	654.5	617.1	580.8	547.4	515.9	486.4
145°	734.1	717.4	693.8	680.6	667.3	636.8	606.3	575.9	546.4	517.9	491.4
147.5°	699.7	685.9	666.3	656.0	645.6	621.1	595.5	571.0	544.4	518.9	494.3
150°	671.2	659.4	644.7	635.8	627.0	608.3	586.7	565.1	541.5	518.9	497.3
152.5°	645.6	636.8	625.0	618.6	612.2	595.5	576.9	558.2	537.5	517.9	499.2
155°	624.0	617.1	607.3	601.9	596.5	582.8	567.0	550.3	532.6	515.9	500.2
157.5°	604.4	598.5	590.6	586.2	581.8	571.0	557.2	543.4	527.7	514.0	501.2
160°	585.7	580.8	573.9	570.4	567.0	557.2	547.4	534.6	522.8	511.0	501.2
162.5°	568.0	564.1	559.2	556.2	553.3	545.4	536.6	526.7	516.9	508.1	500.2
165°	550.3	548.4	544.4	542.0	539.5	533.6	526.7	518.9	511.0	505.1	499.2
167.5°	534.6	532.6	530.7	528.7	526.7	521.8	516.9	511.0	505.1	500.2	497.3
170°	519.9	518.9	516.9	515.9	514.9	512.0	509.0	504.1	500.2	497.3	495.3
172.5°	508.1	506.1	506.1	505.6	505.1	503.2	500.2	497.3	494.3	493.3	493.3
175°	497.3	496.3	496.3	496.3	496.3	494.3	494.3	491.4	490.4	490.4	491.4
177.5°	490.4	489.4	490.4	490.4	490.4	490.4	489.4	488.4	487.4	487.4	489.4
180°	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4

TEST NUMBER: P1028221

CATALOG NUMBER: S125DIP-B850D1090UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0
2.5°	1258.3	1253.1	1246.8	1246.8	1239.6	1236.5	1230.2	1228.1	1223.0	1214.6	1208.4
5°	1302.9	1289.4	1281.1	1273.8	1258.3	1246.8	1235.4	1223.0	1210.5	1196.0	1179.4
7.5°	1346.5	1321.6	1310.2	1297.7	1274.9	1251.0	1228.1	1211.5	1194.9	1172.1	1151.3
10°	1392.2	1361.0	1340.3	1323.7	1288.4	1258.3	1225.0	1201.2	1175.2	1146.1	1119.1
12.5°	1430.6	1390.1	1372.4	1341.3	1300.8	1264.5	1223.0	1186.6	1152.4	1118.1	1084.9
15°	1462.8	1424.4	1380.8	1368.3	1312.2	1260.3	1213.6	1166.9	1124.3	1090.1	1051.7
17.5°	1473.2	1424.4	1402.6	1372.4	1306.0	1252.0	1192.8	1142.0	1101.5	1050.6	1020.5
20°	1476.3	1429.5	1399.4	1371.4	1312.2	1240.6	1182.5	1120.2	1071.4	1020.5	972.8
22.5°	1468.0	1412.9	1383.9	1356.9	1290.4	1229.2	1161.7	1093.2	1036.1	989.4	941.6
25°	1452.4	1388.0	1360.0	1330.9	1267.6	1200.1	1126.4	1061.0	1008.1	952.0	905.3
27.5°	1431.6	1357.9	1325.7	1295.6	1233.3	1170.0	1100.5	1033.0	973.8	914.6	871.0
30°	1405.7	1320.5	1291.5	1252.0	1191.8	1131.6	1068.3	1000.8	934.3	878.3	830.5
32.5°	1372.4	1283.2	1244.8	1207.4	1142.0	1087.0	1026.7	963.4	899.0	844.0	794.2
35°	1342.3	1240.6	1198.0	1160.7	1088.0	1029.9	980.0	920.8	863.8	806.7	762.0
37.5°	1301.9	1198.0	1147.2	1108.8	1035.0	975.9	929.2	883.5	823.3	768.2	726.7
40°	1259.3	1145.1	1097.3	1058.9	982.1	917.7	873.1	832.6	783.8	732.9	689.3
42.5°	1220.9	1094.2	1043.4	996.6	918.8	861.7	816.0	784.9	740.2	694.5	655.1
45°	1172.1	1040.2	985.2	936.4	861.7	799.4	755.8	730.9	697.6	653.0	618.7
47.5°	1122.3	982.1	925.0	877.2	796.3	741.2	698.7	674.8	652.0	616.7	582.4
50°	1056.8	920.8	868.9	813.9	734.0	677.9	642.6	618.7	601.1	576.2	547.1
52.5°	985.2	857.5	801.5	753.7	674.8	623.9	583.4	570.0	552.3	533.6	508.7
55°	909.4	789.0	735.0	688.3	615.6	563.7	530.5	516.0	502.5	487.9	471.3
57.5°	833.6	717.4	666.5	625.0	557.5	507.7	480.7	460.9	451.6	443.3	429.8
60°	739.2	640.5	601.1	563.7	497.3	451.6	425.6	411.1	402.8	398.7	392.4
62.5°	656.1	575.1	531.5	495.2	442.3	401.8	376.9	365.4	358.2	356.1	348.8
65°	567.9	498.3	464.1	432.9	387.2	350.9	330.1	316.6	311.4	310.4	310.4
67.5°	484.8	428.8	394.5	372.7	333.2	301.1	281.3	276.2	273.0	268.9	267.8
70°	407.0	362.3	332.2	313.5	278.2	254.3	238.8	230.5	230.5	227.4	225.3
72.5°	338.4	293.8	274.1	258.5	229.4	208.7	197.3	195.2	187.9	186.9	186.9
75°	264.7	231.5	218.0	204.5	182.7	168.2	158.8	153.6	149.5	149.5	150.5
77.5°	199.3	176.5	164.0	153.6	138.1	128.7	121.5	119.4	115.2	115.2	115.2
80°	141.2	128.7	119.4	111.1	99.7	91.4	87.2	83.1	83.1	82.0	83.1
82.5°	91.4	81.0	75.8	74.7	64.4	61.3	56.1	57.1	54.0	52.9	55.0
85°	52.9	47.8	41.5	39.5	35.3	31.1	29.1	30.1	29.1	28.0	29.1
87.5°	20.8	17.6	16.6	16.6	13.5	12.5	11.4	12.5	10.4	10.4	11.4
90°	10.8	9.8	8.9	7.9	5.9	3.9	2.0	1.0	2.0	3.9	5.9
92.5°	165.1	98.3	80.6	62.9	42.3	27.5	17.7	14.7	17.7	27.5	42.3
95°	223.1	117.9	95.8	73.7	52.1	41.3	33.4	32.4	33.4	41.3	52.1
97.5°	192.6	119.9	103.7	87.5	67.8	57.0	51.1	50.1	51.1	57.0	67.8
100°	190.6	133.6	118.9	104.2	85.5	74.7	70.8	68.8	70.8	74.7	85.5
102.5°	199.5	150.4	136.2	121.9	105.2	93.4	90.4	89.4	90.4	93.4	105.2
105°	212.3	169.0	155.2	141.5	125.8	116.0	111.0	111.0	111.0	116.0	125.8
107.5°	230.0	187.7	175.4	163.1	146.4	138.6	133.6	131.7	133.6	138.6	146.4
110°	249.6	209.3	196.6	183.8	169.0	160.2	156.3	154.3	156.3	160.2	169.0

TEST NUMBER: P1028221

CATALOG NUMBER: S125DIP-B850D1090UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	268.3	230.0	217.7	205.4	190.6	181.8	178.9	176.9	178.9	181.8	190.6
115°	287.9	251.6	239.3	227.0	212.3	203.4	200.5	198.5	200.5	203.4	212.3
117.5°	307.6	273.2	261.4	249.6	232.9	224.1	221.1	218.2	221.1	224.1	232.9
120°	329.2	294.8	282.5	270.2	253.5	244.7	240.8	237.8	240.8	244.7	253.5
122.5°	349.8	315.5	303.2	290.9	272.2	263.4	260.4	258.5	260.4	263.4	272.2
125°	367.5	335.1	322.4	309.6	290.9	282.0	277.1	275.2	277.1	282.0	290.9
127.5°	385.2	353.8	341.0	328.2	308.6	297.8	291.9	288.9	291.9	297.8	308.6
130°	401.9	371.5	358.7	345.9	325.3	312.5	304.6	301.7	304.6	312.5	325.3
132.5°	417.7	387.2	374.4	361.6	340.0	325.3	315.5	311.5	315.5	325.3	340.0
135°	431.4	400.9	387.6	374.4	353.8	338.1	326.3	322.3	326.3	338.1	353.8
137.5°	441.2	413.7	400.0	386.2	365.6	349.8	339.0	336.1	339.0	349.8	365.6
140°	452.1	423.6	410.3	397.0	378.3	362.6	350.8	347.9	350.8	362.6	378.3
142.5°	458.9	432.4	420.1	407.8	390.1	374.4	363.6	361.6	363.6	374.4	390.1
145°	466.8	441.2	429.9	418.6	400.9	387.2	377.4	375.4	377.4	387.2	400.9
147.5°	471.7	449.1	438.8	428.5	412.7	400.0	391.1	390.1	391.1	400.0	412.7
150°	476.6	455.0	446.6	438.3	424.5	411.8	404.9	402.9	404.9	411.8	424.5
152.5°	481.5	461.9	454.5	447.1	434.4	423.6	417.7	416.7	417.7	423.6	434.4
155°	484.5	467.8	460.9	454.0	444.2	434.4	428.5	428.5	428.5	434.4	444.2
157.5°	487.4	472.7	467.3	461.9	453.0	444.2	439.3	439.3	439.3	444.2	453.0
160°	489.4	476.6	472.2	467.8	459.9	453.0	449.1	450.1	449.1	453.0	459.9
162.5°	491.4	480.5	477.1	473.7	467.8	461.9	457.9	458.9	457.9	461.9	467.8
165°	491.4	483.5	480.6	477.6	473.7	468.8	465.8	467.8	465.8	468.8	473.7
167.5°	491.4	484.5	482.5	480.5	477.6	474.7	472.7	473.7	472.7	474.7	477.6
170°	491.4	486.4	485.0	483.5	481.5	479.6	478.6	479.6	478.6	479.6	481.5
172.5°	490.4	486.4	486.0	485.5	484.5	482.5	481.5	483.5	481.5	482.5	484.5
175°	489.4	486.4	486.4	486.4	486.4	485.5	484.5	486.4	484.5	485.5	486.4
177.5°	488.4	486.4	486.4	486.4	487.4	486.4	486.4	488.4	486.4	486.4	487.4
180°	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4

TEST NUMBER: P1028221

CATALOG NUMBER: S125DIP-B850D1090UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0
2.5°	1206.3	1204.3	1199.1	1196.0	1185.6	1173.1	1169.0	1158.6	1162.7	1155.5	1155.5
5°	1174.2	1164.8	1158.6	1149.2	1129.5	1116.0	1101.5	1094.2	1090.1	1084.9	1080.7
7.5°	1132.6	1125.4	1119.1	1101.5	1079.7	1061.0	1043.4	1036.1	1022.6	1013.2	1009.1
10°	1096.3	1085.9	1071.4	1050.6	1027.8	1003.9	988.3	972.8	962.4	957.2	945.8
12.5°	1058.9	1046.5	1030.9	1000.8	975.9	961.3	933.3	918.8	913.6	909.4	895.9
15°	1020.5	1007.0	988.3	960.3	938.5	904.2	887.6	876.2	863.8	862.7	852.3
17.5°	986.3	969.6	954.1	919.8	892.8	862.7	853.4	840.9	829.5	817.0	811.8
20°	942.7	927.1	915.7	878.3	848.2	829.5	813.9	803.5	796.3	783.8	781.7
22.5°	903.2	886.6	871.0	843.0	817.0	793.2	774.5	763.0	759.9	754.7	745.4
25°	864.8	848.2	829.5	803.5	776.5	759.9	743.3	736.1	729.8	721.5	714.3
27.5°	832.6	817.0	799.4	767.2	744.4	731.9	714.3	705.9	697.6	693.5	690.4
30°	794.2	776.5	763.0	738.1	713.2	696.6	684.1	676.9	669.6	665.5	663.4
32.5°	756.8	740.2	730.9	703.9	684.1	664.4	655.1	649.9	645.7	641.6	637.4
35°	726.7	710.1	695.6	670.7	650.9	637.4	630.2	621.9	618.7	614.6	614.6
37.5°	689.3	676.9	662.3	638.5	620.8	610.4	604.2	593.8	592.8	590.7	587.6
40°	657.2	644.7	631.2	610.4	594.9	582.4	574.1	568.9	565.8	563.7	561.6
42.5°	622.9	609.4	603.2	579.3	565.8	553.3	549.2	544.0	543.0	538.8	533.6
45°	589.7	578.3	565.8	548.1	536.7	526.3	520.1	516.0	510.8	509.7	506.6
47.5°	560.6	547.1	535.7	519.1	506.6	498.3	493.1	487.9	483.8	480.7	477.6
50°	523.2	512.9	503.5	485.9	475.5	467.2	459.9	455.8	451.6	451.6	451.6
52.5°	486.9	477.6	469.2	456.8	444.3	437.1	428.8	425.6	423.6	420.5	423.6
55°	451.6	442.3	434.0	424.6	410.1	403.8	395.5	392.4	393.5	393.5	396.6
57.5°	414.2	407.0	401.8	390.3	376.9	370.6	365.4	362.3	362.3	366.5	367.5
60°	377.9	370.6	361.3	350.9	342.6	335.3	332.2	333.2	333.2	335.3	340.5
62.5°	337.4	333.2	328.1	313.5	308.3	303.1	299.0	302.1	301.1	306.3	313.5
65°	300.0	295.9	288.6	281.3	275.1	269.9	268.9	269.9	272.0	277.2	285.5
67.5°	258.5	258.5	252.3	246.0	240.9	235.7	236.7	237.7	239.8	246.0	258.5
70°	224.2	220.1	213.9	209.7	205.6	203.5	201.4	205.6	211.8	215.9	225.3
72.5°	186.9	183.8	178.6	174.4	173.4	171.3	170.3	172.3	178.6	185.8	196.2
75°	147.4	148.5	145.3	142.2	142.2	139.1	141.2	141.2	147.4	154.7	163.0
77.5°	114.2	113.2	112.1	110.0	109.0	109.0	109.0	111.1	117.3	121.5	129.8
80°	81.0	82.0	78.9	79.9	78.9	79.9	79.9	84.1	87.2	92.4	98.6
82.5°	54.0	54.0	51.9	52.9	52.9	52.9	54.0	56.1	60.2	64.4	68.5
85°	30.1	31.1	29.1	31.1	31.1	31.1	32.2	33.2	36.3	37.4	41.5
87.5°	11.4	13.5	13.5	11.4	12.5	13.5	14.5	13.5	15.6	17.6	18.7
90°	7.9	8.9	9.8	10.8	12.8	13.8	15.7	16.7	17.7	18.7	19.7
92.5°	62.9	80.6	98.3	165.1	277.1	399.0	392.1	316.4	213.2	153.3	114.0
95°	73.7	95.8	117.9	223.1	439.3	710.5	870.7	852.0	706.6	557.2	436.3
97.5°	87.5	103.7	119.9	192.6	358.7	651.5	940.5	1064.3	1013.2	894.3	772.4
100°	104.2	118.9	133.6	190.6	318.4	566.0	887.4	1133.1	1208.7	1160.6	1059.4
102.5°	121.9	136.2	150.4	199.5	301.7	501.2	794.0	1091.8	1274.6	1323.7	1288.3
105°	141.5	155.2	169.0	212.3	299.7	463.8	712.5	994.5	1230.4	1365.0	1408.2
107.5°	163.1	175.4	187.7	230.0	306.6	444.2	651.5	902.1	1140.0	1317.8	1422.0
110°	183.8	196.6	209.3	249.6	317.4	436.3	611.3	825.5	1037.7	1224.5	1363.0

TEST NUMBER: P1028221

CATALOG NUMBER: S125DIP-B850D1090UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	205.4	217.7	230.0	268.3	331.2	436.3	587.7	768.5	957.2	1132.1	1272.6
115°	227.0	239.3	251.6	287.9	344.9	439.3	571.9	730.2	892.3	1044.6	1179.3
117.5°	249.6	261.4	273.2	307.6	360.7	444.2	563.1	704.6	847.1	981.7	1099.7
120°	270.2	282.5	294.8	329.2	376.4	452.1	557.2	684.0	811.7	929.7	1037.7
122.5°	290.9	303.2	315.5	349.8	394.1	458.9	552.3	666.3	785.2	892.3	985.7
125°	309.6	322.4	335.1	367.5	409.8	466.8	548.4	650.6	759.6	859.9	945.4
127.5°	328.2	341.0	353.8	385.2	424.5	475.6	546.4	635.8	733.1	828.4	909.0
130°	345.9	358.7	371.5	401.9	439.3	483.5	544.4	621.1	708.5	795.0	871.7
132.5°	361.6	374.4	387.2	417.7	452.1	492.3	544.4	609.3	684.0	763.6	831.4
135°	374.4	387.6	400.9	431.4	463.8	500.2	544.4	600.4	663.3	731.1	794.0
137.5°	386.2	400.0	413.7	441.2	472.7	508.1	545.4	591.6	644.7	701.7	755.7
140°	397.0	410.3	423.6	452.1	481.5	513.0	546.4	585.7	629.9	676.1	721.3
142.5°	407.8	420.1	432.4	458.9	486.4	515.9	547.4	580.8	617.1	654.5	691.8
145°	418.6	429.9	441.2	466.8	491.4	517.9	546.4	575.9	606.3	636.8	667.3
147.5°	428.5	438.8	449.1	471.7	494.3	518.9	544.4	571.0	595.5	621.1	645.6
150°	438.3	446.6	455.0	476.6	497.3	518.9	541.5	565.1	586.7	608.3	627.0
152.5°	447.1	454.5	461.9	481.5	499.2	517.9	537.5	558.2	576.9	595.5	612.2
155°	454.0	460.9	467.8	484.5	500.2	515.9	532.6	550.3	567.0	582.8	596.5
157.5°	461.9	467.3	472.7	487.4	501.2	514.0	527.7	543.4	557.2	571.0	581.8
160°	467.8	472.2	476.6	489.4	501.2	511.0	522.8	534.6	547.4	557.2	567.0
162.5°	473.7	477.1	480.5	491.4	500.2	508.1	516.9	526.7	536.6	545.4	553.3
165°	477.6	480.6	483.5	491.4	499.2	505.1	511.0	518.9	526.7	533.6	539.5
167.5°	480.5	482.5	484.5	491.4	497.3	500.2	505.1	511.0	516.9	521.8	526.7
170°	483.5	485.0	486.4	491.4	495.3	497.3	500.2	504.1	509.0	512.0	514.9
172.5°	485.5	486.0	486.4	490.4	493.3	493.3	494.3	497.3	500.2	503.2	505.1
175°	486.4	486.4	486.4	489.4	491.4	490.4	490.4	491.4	494.3	494.3	496.3
177.5°	486.4	486.4	486.4	488.4	489.4	487.4	487.4	488.4	489.4	490.4	490.4
180°	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4

TEST NUMBER: P1028221

CATALOG NUMBER: S125DIP-B850D1090UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0
2.5°	1159.6	1152.4	1151.3	1153.4	1149.2	1155.5	1153.4	1155.5	1150.3	1155.5	1152.4
5°	1079.7	1077.6	1073.5	1068.3	1069.3	1070.3	1075.5	1070.3	1074.5	1075.5	1080.7
7.5°	1004.9	1000.8	1003.9	1001.8	992.5	990.4	992.5	995.6	1001.8	1006.0	1009.1
10°	944.7	942.7	938.5	935.4	930.2	927.1	931.2	927.1	935.4	942.7	942.7
12.5°	899.0	890.7	885.6	884.5	873.1	875.2	879.3	882.4	891.8	895.9	895.9
15°	851.3	845.1	843.0	838.8	834.7	838.8	836.8	839.9	844.0	848.2	850.3
17.5°	809.8	808.7	809.8	799.4	802.5	797.3	798.3	803.5	800.4	803.5	809.8
20°	772.4	774.5	771.4	767.2	767.2	761.0	768.2	766.2	767.2	773.4	782.8
22.5°	744.4	743.3	740.2	737.1	732.9	734.0	735.0	732.9	741.2	746.4	747.5
25°	714.3	712.2	711.1	708.0	703.9	708.0	707.0	708.0	710.1	718.4	712.2
27.5°	686.2	682.1	684.1	681.0	680.0	681.0	681.0	682.1	684.1	685.2	686.2
30°	662.3	658.2	657.2	655.1	654.0	655.1	657.2	655.1	663.4	662.3	662.3
32.5°	636.4	633.3	631.2	631.2	630.2	629.1	630.2	631.2	637.4	633.3	637.4
35°	611.5	609.4	609.4	607.3	606.3	606.3	606.3	610.4	608.4	611.5	611.5
37.5°	587.6	587.6	586.6	584.5	583.4	584.5	583.4	585.5	584.5	585.5	586.6
40°	562.7	560.6	559.6	559.6	556.5	553.3	556.5	556.5	557.5	560.6	561.6
42.5°	532.6	533.6	533.6	529.5	529.5	529.5	530.5	531.5	531.5	533.6	533.6
45°	506.6	504.5	504.5	504.5	502.5	503.5	505.6	505.6	505.6	505.6	503.5
47.5°	477.6	477.6	478.6	478.6	481.7	480.7	480.7	479.6	477.6	477.6	478.6
50°	450.6	453.7	454.7	454.7	455.8	456.8	456.8	454.7	453.7	450.6	450.6
52.5°	424.6	426.7	428.8	431.9	434.0	432.9	432.9	430.8	426.7	425.6	424.6
55°	396.6	399.7	403.8	407.0	410.1	411.1	411.1	407.0	402.8	397.6	397.6
57.5°	370.6	373.7	381.0	384.1	388.3	388.3	386.2	383.1	376.9	372.7	369.6
60°	344.7	349.9	355.1	361.3	366.5	367.5	364.4	360.2	353.0	347.8	343.6
62.5°	316.6	321.8	332.2	338.4	342.6	342.6	342.6	337.4	328.1	320.8	314.6
65°	289.6	294.8	304.2	312.5	315.6	318.7	315.6	310.4	303.1	294.8	288.6
67.5°	261.6	267.8	277.2	283.4	287.6	290.7	288.6	284.5	275.1	263.7	259.5
70°	230.5	233.6	247.1	253.3	259.5	261.6	259.5	253.3	244.0	231.5	227.4
72.5°	201.4	204.5	217.0	222.2	227.4	229.4	226.3	222.2	213.9	202.4	197.3
75°	168.2	173.4	179.6	187.9	194.1	196.2	193.1	190.0	179.6	172.3	168.2
77.5°	132.9	138.1	146.4	153.6	159.9	158.8	154.7	155.7	144.3	136.0	132.9
80°	100.7	104.9	111.1	117.3	120.4	120.4	119.4	115.2	111.1	104.9	99.7
82.5°	69.6	74.7	79.9	84.1	84.1	85.1	83.1	82.0	77.9	72.7	71.6
85°	41.5	42.6	46.7	46.7	50.9	48.8	47.8	50.9	46.7	43.6	42.6
87.5°	18.7	17.6	18.7	18.7	17.6	19.7	19.7	18.7	19.7	18.7	18.7
90°	20.6	21.6	21.6	21.6	22.6	22.6	22.6	21.6	21.6	21.6	20.6
92.5°	104.6	95.3	79.6	76.7	74.7	72.7	74.7	76.7	79.6	95.3	104.6
95°	395.0	353.8	284.0	254.5	246.7	230.9	246.7	254.5	284.0	353.8	395.0
97.5°	713.4	654.5	595.5	544.4	517.9	506.1	517.9	544.4	595.5	654.5	713.4
100°	1008.3	957.2	889.4	818.6	782.2	766.5	782.2	818.6	889.4	957.2	1008.3
102.5°	1257.8	1227.4	1153.7	1108.5	1068.2	1057.4	1068.2	1108.5	1153.7	1227.4	1257.8
105°	1402.8	1397.4	1366.0	1333.5	1313.9	1302.1	1313.9	1333.5	1366.0	1397.4	1402.8
107.5°	1443.6	1465.2	1474.1	1469.2	1459.3	1449.5	1459.3	1469.2	1474.1	1465.2	1443.6
110°	1404.8	1446.6	1490.8	1509.5	1516.3	1516.3	1516.3	1509.5	1490.8	1446.6	1404.8

TEST NUMBER: P1028221

CATALOG NUMBER: S125DIP-B850D1090UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1323.7	1374.8	1444.6	1480.0	1499.6	1508.5	1499.6	1480.0	1444.6	1374.8	1323.7
115°	1232.8	1286.4	1363.0	1410.2	1437.7	1450.5	1437.7	1410.2	1363.0	1286.4	1232.8
117.5°	1150.3	1200.9	1278.5	1327.7	1355.2	1363.0	1355.2	1327.7	1278.5	1200.9	1150.3
120°	1081.0	1124.2	1197.0	1244.1	1270.7	1278.5	1270.7	1244.1	1197.0	1124.2	1081.0
122.5°	1025.5	1065.3	1128.2	1170.4	1197.0	1203.8	1197.0	1170.4	1128.2	1065.3	1025.5
125°	980.8	1016.1	1071.2	1111.5	1133.1	1142.9	1133.1	1111.5	1071.2	1016.1	980.8
127.5°	942.4	975.8	1026.0	1062.3	1083.0	1086.9	1083.0	1062.3	1026.0	975.8	942.4
130°	903.6	935.5	984.7	1017.1	1036.8	1042.7	1036.8	1017.1	984.7	935.5	903.6
132.5°	861.8	892.3	941.4	973.9	991.6	998.4	991.6	973.9	941.4	892.3	861.8
135°	822.0	850.1	893.3	925.7	943.4	949.3	943.4	925.7	893.3	850.1	822.0
137.5°	780.2	804.8	844.2	874.6	891.3	898.2	891.3	874.6	844.2	804.8	780.2
140°	742.0	762.6	798.9	824.5	839.2	844.2	839.2	824.5	798.9	762.6	742.0
142.5°	709.0	726.2	755.7	776.3	790.1	794.0	790.1	776.3	755.7	726.2	709.0
145°	680.6	693.8	717.4	734.1	744.9	748.8	744.9	734.1	717.4	693.8	680.6
147.5°	656.0	666.3	685.9	699.7	706.6	708.5	706.6	699.7	685.9	666.3	656.0
150°	635.8	644.7	659.4	671.2	675.1	676.1	675.1	671.2	659.4	644.7	635.8
152.5°	618.6	625.0	636.8	645.6	649.6	650.6	649.6	645.6	636.8	625.0	618.6
155°	601.9	607.3	617.1	624.0	627.0	628.0	627.0	624.0	617.1	607.3	601.9
157.5°	586.2	590.6	598.5	604.4	607.3	607.3	607.3	604.4	598.5	590.6	586.2
160°	570.4	573.9	580.8	585.7	587.7	586.7	587.7	585.7	580.8	573.9	570.4
162.5°	556.2	559.2	564.1	568.0	568.0	568.0	568.0	568.0	564.1	559.2	556.2
165°	542.0	544.4	548.4	550.3	550.3	550.3	550.3	550.3	548.4	544.4	542.0
167.5°	528.7	530.7	532.6	534.6	533.6	533.6	533.6	534.6	532.6	530.7	528.7
170°	515.9	516.9	518.9	519.9	519.9	518.9	519.9	519.9	518.9	516.9	515.9
172.5°	505.6	506.1	506.1	508.1	506.1	505.1	506.1	508.1	506.1	506.1	505.6
175°	496.3	496.3	496.3	497.3	495.3	494.3	495.3	497.3	496.3	496.3	496.3
177.5°	490.4	490.4	489.4	490.4	487.4	487.4	487.4	490.4	489.4	490.4	490.4
180°	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4

TEST NUMBER: P1028221

CATALOG NUMBER: S125DIP-B850D1090UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0	1223.0
2.5°	1161.7	1155.5	1162.7	1153.4	1155.5	1166.9	1165.9	1176.2	1182.5	1181.4	1186.6
5°	1084.9	1084.9	1088.0	1087.0	1097.3	1106.7	1119.1	1129.5	1140.9	1147.2	1154.4
7.5°	1009.1	1019.5	1021.6	1026.7	1039.2	1054.8	1067.2	1082.8	1099.4	1110.8	1119.1
10°	946.8	955.1	963.4	967.6	981.1	1001.8	1019.5	1044.4	1065.2	1077.6	1089.0
12.5°	891.8	901.1	905.3	924.0	933.3	946.8	971.7	998.7	1021.6	1035.0	1044.4
15°	852.3	857.5	866.9	878.3	887.6	904.2	925.0	955.1	976.9	988.3	1020.5
17.5°	819.1	825.3	830.5	835.7	850.3	867.9	887.6	913.6	941.6	961.3	977.9
20°	784.9	788.0	794.2	802.5	812.9	829.5	847.1	874.1	899.0	914.6	936.4
22.5°	744.4	753.7	759.9	766.2	777.6	796.3	812.9	832.6	863.8	881.4	904.2
25°	720.5	724.6	728.8	736.1	744.4	761.0	779.7	800.4	825.3	844.0	863.8
27.5°	689.3	695.6	700.8	710.1	715.3	728.8	746.4	767.2	797.3	812.9	829.5
30°	663.4	669.6	673.8	677.9	685.2	699.7	716.3	732.9	761.0	780.7	797.3
32.5°	637.4	643.7	648.9	652.0	659.2	668.6	682.1	702.8	726.7	740.2	762.0
35°	614.6	614.6	620.8	625.0	631.2	639.5	652.0	667.5	692.5	710.1	729.8
37.5°	588.6	589.7	594.9	598.0	604.2	612.5	625.0	639.5	660.3	673.8	693.5
40°	561.6	564.8	566.8	572.0	579.3	582.4	594.9	611.5	632.2	644.7	661.3
42.5°	534.7	536.7	541.9	546.1	552.3	557.5	565.8	581.4	596.9	615.6	629.1
45°	504.5	509.7	512.9	520.1	523.2	528.4	536.7	549.2	567.9	579.3	594.9
47.5°	478.6	480.7	482.7	492.1	498.3	501.4	509.7	517.0	536.7	547.1	561.6
50°	450.6	450.6	453.7	457.8	465.1	471.3	478.6	486.9	502.5	512.9	527.4
52.5°	424.6	421.5	423.6	425.6	432.9	439.1	446.4	457.8	472.4	478.6	491.1
55°	396.6	391.4	394.5	397.6	399.7	408.0	416.3	423.6	435.0	444.3	455.8
57.5°	366.5	365.4	363.4	364.4	369.6	374.8	381.0	390.3	403.8	411.1	417.3
60°	339.5	333.2	331.2	333.2	336.4	339.5	347.8	356.1	367.5	374.8	382.0
62.5°	311.4	305.2	301.1	298.0	301.1	308.3	313.5	319.8	329.1	337.4	343.6
65°	284.5	275.1	271.0	268.9	267.8	273.0	277.2	285.5	293.8	296.9	304.2
67.5°	254.3	246.0	240.9	237.7	237.7	237.7	241.9	250.2	258.5	259.5	266.8
70°	224.2	214.9	209.7	205.6	203.5	205.6	210.7	211.8	219.1	221.1	225.3
72.5°	192.1	183.8	177.5	172.3	173.4	175.4	175.4	177.5	181.7	186.9	186.9
75°	162.0	150.5	147.4	143.3	141.2	141.2	141.2	145.3	148.5	152.6	151.6
77.5°	127.7	121.5	115.2	113.2	110.0	109.0	111.1	111.1	113.2	116.3	117.3
80°	98.6	91.4	87.2	85.1	81.0	79.9	81.0	81.0	84.1	83.1	84.1
82.5°	68.5	63.3	60.2	57.1	55.0	56.1	55.0	55.0	56.1	55.0	55.0
85°	39.5	38.4	36.3	35.3	34.3	32.2	34.3	33.2	32.2	31.1	33.2
87.5°	18.7	17.6	17.6	15.6	15.6	14.5	15.6	15.6	14.5	14.5	14.5
90°	19.7	18.7	17.7	16.7	15.7	13.8	12.8	10.8	9.8	8.9	7.9
92.5°	114.0	153.3	213.2	316.4	392.1	399.0	277.1	165.1	98.3	80.6	62.9
95°	436.3	557.2	706.6	852.0	870.7	710.5	439.3	223.1	117.9	95.8	73.7
97.5°	772.4	894.3	1013.2	1064.3	940.5	651.5	358.7	192.6	119.9	103.7	87.5
100°	1059.4	1160.6	1208.7	1133.1	887.4	566.0	318.4	190.6	133.6	118.9	104.2
102.5°	1288.3	1323.7	1274.6	1091.8	794.0	501.2	301.7	199.5	150.4	136.2	121.9
105°	1408.2	1365.0	1230.4	994.5	712.5	463.8	299.7	212.3	169.0	155.2	141.5
107.5°	1422.0	1317.8	1140.0	902.1	651.5	444.2	306.6	230.0	187.7	175.4	163.1
110°	1363.0	1224.5	1037.7	825.5	611.3	436.3	317.4	249.6	209.3	196.6	183.8

TEST NUMBER: P1028221

CATALOG NUMBER: S125DIP-B850D1090UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1272.6	1132.1	957.2	768.5	587.7	436.3	331.2	268.3	230.0	217.7	205.4
115°	1179.3	1044.6	892.3	730.2	571.9	439.3	344.9	287.9	251.6	239.3	227.0
117.5°	1099.7	981.7	847.1	704.6	563.1	444.2	360.7	307.6	273.2	261.4	249.6
120°	1037.7	929.7	811.7	684.0	557.2	452.1	376.4	329.2	294.8	282.5	270.2
122.5°	985.7	892.3	785.2	666.3	552.3	458.9	394.1	349.8	315.5	303.2	290.9
125°	945.4	859.9	759.6	650.6	548.4	466.8	409.8	367.5	335.1	322.4	309.6
127.5°	909.0	828.4	733.1	635.8	546.4	475.6	424.5	385.2	353.8	341.0	328.2
130°	871.7	795.0	708.5	621.1	544.4	483.5	439.3	401.9	371.5	358.7	345.9
132.5°	831.4	763.6	684.0	609.3	544.4	492.3	452.1	417.7	387.2	374.4	361.6
135°	794.0	731.1	663.3	600.4	544.4	500.2	463.8	431.4	400.9	387.6	374.4
137.5°	755.7	701.7	644.7	591.6	545.4	508.1	472.7	441.2	413.7	400.0	386.2
140°	721.3	676.1	629.9	585.7	546.4	513.0	481.5	452.1	423.6	410.3	397.0
142.5°	691.8	654.5	617.1	580.8	547.4	515.9	486.4	458.9	432.4	420.1	407.8
145°	667.3	636.8	606.3	575.9	546.4	517.9	491.4	466.8	441.2	429.9	418.6
147.5°	645.6	621.1	595.5	571.0	544.4	518.9	494.3	471.7	449.1	438.8	428.5
150°	627.0	608.3	586.7	565.1	541.5	518.9	497.3	476.6	455.0	446.6	438.3
152.5°	612.2	595.5	576.9	558.2	537.5	517.9	499.2	481.5	461.9	454.5	447.1
155°	596.5	582.8	567.0	550.3	532.6	515.9	500.2	484.5	467.8	460.9	454.0
157.5°	581.8	571.0	557.2	543.4	527.7	514.0	501.2	487.4	472.7	467.3	461.9
160°	567.0	557.2	547.4	534.6	522.8	511.0	501.2	489.4	476.6	472.2	467.8
162.5°	553.3	545.4	536.6	526.7	516.9	508.1	500.2	491.4	480.5	477.1	473.7
165°	539.5	533.6	526.7	518.9	511.0	505.1	499.2	491.4	483.5	480.6	477.6
167.5°	526.7	521.8	516.9	511.0	505.1	500.2	497.3	491.4	484.5	482.5	480.5
170°	514.9	512.0	509.0	504.1	500.2	497.3	495.3	491.4	486.4	485.0	483.5
172.5°	505.1	503.2	500.2	497.3	494.3	493.3	493.3	490.4	486.4	486.0	485.5
175°	496.3	494.3	494.3	491.4	490.4	490.4	491.4	489.4	486.4	486.4	486.4
177.5°	490.4	490.4	489.4	488.4	487.4	487.4	489.4	488.4	486.4	486.4	486.4
180°	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4	487.4

TEST NUMBER: P1028221

CATALOG NUMBER: S125DIP-B850D1090UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1223.0	1223.0	1223.0	1223.0
2.5°	1193.9	1204.3	1211.5	1225.0
5°	1166.9	1185.6	1203.2	1221.9
7.5°	1139.9	1161.7	1189.7	1213.6
10°	1109.8	1137.8	1171.0	1203.2
12.5°	1079.7	1112.9	1149.2	1191.8
15°	1043.4	1085.9	1128.5	1174.2
17.5°	1011.2	1054.8	1100.5	1157.6
20°	974.8	1022.6	1072.4	1130.6
22.5°	942.7	995.6	1047.5	1108.8
25°	906.3	958.2	1015.3	1080.7
27.5°	876.2	924.0	980.0	1050.6
30°	839.9	891.8	947.8	1018.4
32.5°	805.6	855.4	914.6	984.2
35°	770.3	821.2	874.1	940.6
37.5°	737.1	780.7	833.6	897.0
40°	699.7	747.5	795.2	845.1
42.5°	665.5	709.1	753.7	793.2
45°	627.0	664.4	707.0	739.2
47.5°	591.8	625.0	658.2	683.1
50°	556.5	582.4	607.3	629.1
52.5°	514.9	544.0	557.5	571.0
55°	477.6	494.2	506.6	520.1
57.5°	441.2	448.5	454.7	467.2
60°	393.5	401.8	409.0	418.4
62.5°	351.9	356.1	358.2	367.5
65°	312.5	311.4	316.6	321.8
67.5°	269.9	268.9	274.1	276.2
70°	228.4	227.4	228.4	233.6
72.5°	188.9	188.9	190.0	192.1
75°	152.6	152.6	153.6	155.7
77.5°	115.2	117.3	116.3	120.4
80°	84.1	82.0	84.1	86.2
82.5°	55.0	57.1	57.1	55.0
85°	31.1	31.1	31.1	31.1
87.5°	13.5	13.5	14.5	15.6
90°	5.9	3.9	2.0	1.0
92.5°	42.3	27.5	17.7	14.7
95°	52.1	41.3	33.4	32.4
97.5°	67.8	57.0	51.1	50.1
100°	85.5	74.7	70.8	68.8
102.5°	105.2	93.4	90.4	89.4
105°	125.8	116.0	111.0	111.0
107.5°	146.4	138.6	133.6	131.7
110°	169.0	160.2	156.3	154.3

TEST NUMBER: P1028221

CATALOG NUMBER: S125DIP-B850D1090UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	190.6	181.8	178.9	176.9
115°	212.3	203.4	200.5	198.5
117.5°	232.9	224.1	221.1	218.2
120°	253.5	244.7	240.8	237.8
122.5°	272.2	263.4	260.4	258.5
125°	290.9	282.0	277.1	275.2
127.5°	308.6	297.8	291.9	288.9
130°	325.3	312.5	304.6	301.7
132.5°	340.0	325.3	315.5	311.5
135°	353.8	338.1	326.3	322.3
137.5°	365.6	349.8	339.0	336.1
140°	378.3	362.6	350.8	347.9
142.5°	390.1	374.4	363.6	361.6
145°	400.9	387.2	377.4	375.4
147.5°	412.7	400.0	391.1	390.1
150°	424.5	411.8	404.9	402.9
152.5°	434.4	423.6	417.7	416.7
155°	444.2	434.4	428.5	428.5
157.5°	453.0	444.2	439.3	439.3
160°	459.9	453.0	449.1	450.1
162.5°	467.8	461.9	457.9	458.9
165°	473.7	468.8	465.8	467.8
167.5°	477.6	474.7	472.7	473.7
170°	481.5	479.6	478.6	479.6
172.5°	484.5	482.5	481.5	483.5
175°	486.4	485.5	484.5	486.4
177.5°	487.4	486.4	486.4	488.4
180°	487.4	487.4	487.4	487.4

(END OF REPORT)