

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: P1035645

Luminaire Tested: S125DIW-B850D770UB27-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1035645
REPORT IS A COMBINATION OF REPORTS P1004304 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIW-B850D770UB27-4F0-XX-W2A-A1
Description: Define 5 Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

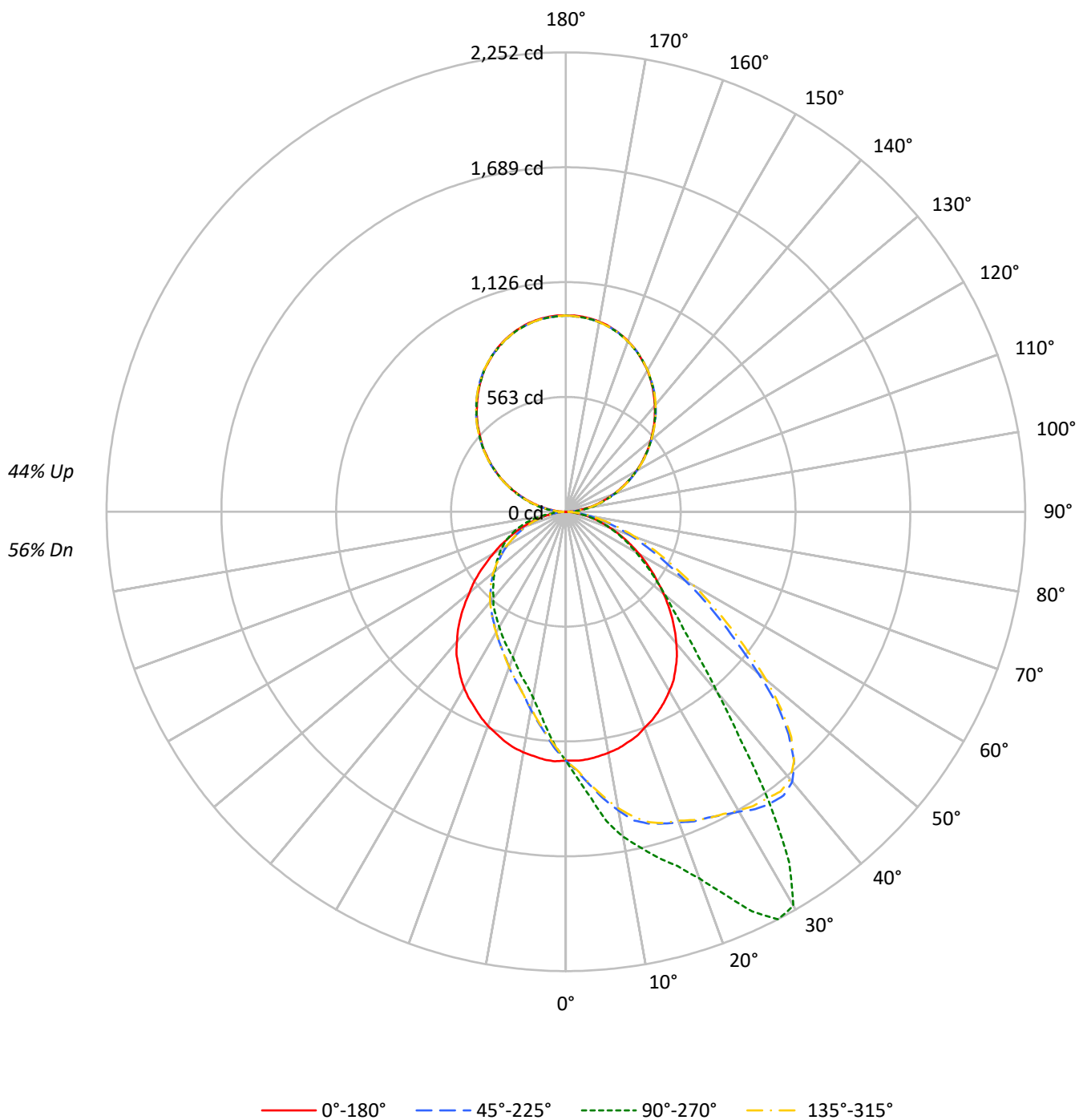
Lumens per Lamp: N/A
Luminaire Lumens: 6127.0 lumens
Efficiency: N/A
Efficacy: 103.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 59.1
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1035645

CATALOG NUMBER: S125DIW-B850D770UB27-4F0-XX-W2A-A1

Luminous Intensity Polar Plot



TEST NUMBER: P1035645

CATALOG NUMBER: S125DIW-B850D770UB27-4F0-XX-W2A-A1

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	109	109	109	109	101	101	101	101	87	87	87	74	74	74	62	62	62
1	99	95	91	88	92	89	85	82	77	74	72	65	64	62	55	54	53
2	91	83	77	72	84	78	73	68	67	63	60	58	55	52	49	47	45
3	83	73	66	60	77	69	62	57	60	55	51	51	47	44	43	41	38
4	76	65	57	51	70	61	54	49	53	48	43	46	42	38	39	36	33
5	70	58	50	44	65	54	47	42	48	42	37	41	37	33	35	32	29
6	64	52	44	38	60	49	42	36	43	37	33	37	33	29	32	28	26
7	60	47	39	34	55	44	37	32	39	33	29	34	29	26	29	25	23
8	55	43	35	30	51	40	33	28	36	30	26	31	26	23	27	23	20
9	51	39	32	27	48	37	30	25	33	27	23	28	24	21	25	21	18
10	48	36	29	24	45	34	27	23	30	25	21	26	22	19	23	19	17

AVERAGE LUMINANCE (cd/sqm):

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

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 11933 cd/sqm

TEST NUMBER: P1035645

CATALOG NUMBER: S125DIW-B850D770UB27-4F0-XX-W2A-A1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.4	1.9
10°-20°	349.6	5.7
20°-30°	567.8	9.3
30°-40°	694.0	11.3
40°-50°	629.5	10.3
50°-60°	501.4	8.2
60°-70°	349.2	5.7
70°-80°	186.0	3.0
80°-90°	47.6	0.8
90°-100°	64.0	1.0
100°-110°	190.0	3.1
110°-120°	322.3	5.3
120°-130°	424.2	6.9
130°-140°	475.4	7.8
140°-150°	466.0	7.6
150°-160°	391.4	6.4
160°-170°	260.2	4.2
170°-180°	91.1	1.5
0°-30°	1034.8	16.9
0°-40°	1728.7	28.2
0°-60°	2859.6	46.7
0°-90°	3442.5	56.2
90°-120°	576.2	9.4
90°-150°	1941.9	31.7
90°-180°	2685.0	43.8
0°-180°	6127.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1219	1219	1219	1219	1219	
5°	1218	1407	1219	1067	1218	116
15°	1171	1757	1164	836	1171	330
25°	1078	2161	1058	706	1078	496
35°	938	1735	918	604	938	586
45°	737	818	729	502	737	568
55°	519	504	514	410	519	464
65°	321	310	316	318	321	318
75°	155	152	153	196	155	165
85°	31	34	30	49	31	37
90°	1	18	1	18	1	5
95°	49	64	49	64	49	51
105°	171	186	171	186	171	182
115°	323	326	323	326	323	319
125°	471	474	471	474	471	422
135°	612	614	612	614	612	472
145°	742	745	742	745	742	464
155°	849	849	849	849	849	391
165°	923	921	923	921	923	260
175°	960	956	960	956	960	91
180°	962	962	962	962	962	

TEST NUMBER: P1035645

CATALOG NUMBER: S125DIW-B850D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4
2.5°	1221.5	1228.7	1237.0	1243.2	1253.6	1256.7	1261.9	1265.0	1268.1	1271.2	1273.2
5°	1218.4	1236.0	1251.5	1262.9	1282.6	1289.8	1299.1	1310.5	1324.0	1335.3	1342.6
7.5°	1210.1	1238.0	1258.7	1281.5	1308.4	1326.0	1335.3	1359.2	1380.9	1397.5	1419.2
10°	1199.7	1232.9	1265.0	1299.1	1337.4	1357.1	1375.7	1408.8	1438.9	1465.8	1487.5
12.5°	1188.4	1228.7	1267.0	1311.5	1363.3	1387.1	1399.5	1456.5	1493.7	1508.2	1550.7
15°	1170.8	1218.4	1273.2	1328.1	1371.6	1399.5	1433.7	1479.2	1516.5	1548.6	1582.7
17.5°	1154.2	1206.0	1261.9	1322.9	1386.1	1422.3	1448.2	1488.6	1528.9	1570.3	1602.4
20°	1127.3	1194.6	1251.5	1316.7	1391.2	1417.1	1444.0	1491.7	1535.1	1579.6	1620.0
22.5°	1105.5	1169.7	1247.4	1309.5	1372.6	1398.5	1431.6	1481.3	1533.1	1583.8	1642.8
25°	1077.6	1149.0	1216.3	1282.6	1347.8	1375.7	1405.7	1469.9	1523.7	1589.0	1654.2
27.5°	1047.6	1121.1	1188.4	1248.4	1309.5	1347.8	1379.9	1447.1	1518.6	1590.0	1674.9
30°	1015.5	1084.8	1149.0	1208.0	1275.3	1314.6	1346.7	1425.4	1505.1	1596.2	1697.7
32.5°	981.3	1046.5	1101.4	1161.4	1232.9	1269.1	1312.6	1398.5	1492.7	1601.4	1728.7
35°	937.8	1000.0	1048.6	1109.7	1181.1	1227.7	1273.2	1369.5	1479.2	1600.3	1746.3
37.5°	894.4	943.0	989.6	1054.8	1137.6	1180.1	1227.7	1333.3	1458.5	1597.2	1753.5
40°	842.6	890.2	930.6	996.9	1083.8	1132.5	1182.1	1292.9	1434.7	1585.9	1727.7
42.5°	790.9	831.2	875.7	945.1	1028.9	1080.7	1133.5	1256.7	1403.7	1552.7	1656.2
45°	737.0	768.1	816.7	879.9	968.9	1018.6	1078.6	1212.2	1360.2	1492.7	1544.4
47.5°	681.1	712.2	757.7	818.8	906.8	965.8	1022.7	1156.3	1305.3	1407.8	1407.8
50°	627.3	652.1	696.7	757.7	846.8	900.6	958.6	1100.4	1220.4	1296.0	1228.7
52.5°	569.3	597.3	634.5	698.7	786.7	835.4	898.5	1019.6	1133.5	1164.5	1061.0
55°	518.6	541.4	576.6	637.7	719.4	770.2	824.0	939.9	1036.2	1034.1	923.4
57.5°	465.8	484.5	521.7	577.6	653.2	698.7	752.6	853.0	931.6	903.7	799.1
60°	417.2	430.6	466.9	512.4	584.9	627.3	679.1	760.8	820.9	781.5	676.0
62.5°	366.4	382.0	411.0	455.5	519.6	553.8	592.1	674.9	713.2	678.0	570.4
65°	320.9	333.3	359.2	396.5	454.4	485.5	518.6	586.9	623.2	572.4	483.4
67.5°	275.4	289.8	308.5	341.6	387.1	416.1	445.1	504.1	520.7	475.1	400.6
70°	232.9	245.3	262.9	286.7	325.0	350.9	372.7	421.3	432.7	390.3	331.2
72.5°	191.5	199.8	214.3	233.9	269.1	283.6	306.4	339.5	354.0	315.7	273.3
75°	155.3	161.5	170.8	185.3	209.1	224.6	243.3	274.3	273.3	246.4	216.3
77.5°	120.1	121.1	131.5	144.9	159.4	172.9	182.2	203.9	206.0	189.4	164.6
80°	85.9	89.0	93.2	103.5	115.9	121.1	132.5	146.0	148.0	135.6	119.0
82.5°	54.9	56.9	60.0	66.2	74.5	80.7	87.0	92.1	97.3	90.1	76.6
85°	31.1	32.1	35.2	37.3	41.4	44.5	49.7	54.9	53.8	48.7	44.5
87.5°	15.5	15.5	15.5	17.6	19.7	19.7	21.7	22.8	23.8	21.7	19.7
90°	0.7	2.0	3.4	4.7	6.0	6.7	7.3	8.5	9.6	10.8	12.0
92.5°	22.5	23.3	24.1	25.0	25.8	26.2	26.9	28.4	29.9	31.4	32.9
95°	48.7	49.0	49.4	49.7	50.0	50.2	51.0	52.7	54.3	56.0	57.6
97.5°	74.9	75.1	75.2	75.4	75.5	75.6	76.8	79.1	81.4	83.8	86.1
100°	104.8	104.8	104.8	104.8	104.8	104.8	105.9	108.0	110.2	112.3	114.5
102.5°	137.0	137.8	138.6	139.5	140.3	140.7	141.1	142.0	142.8	143.7	144.5
105°	170.7	171.5	172.3	173.2	174.0	174.4	174.9	175.9	176.9	177.9	178.9
107.5°	207.3	208.1	209.0	209.8	210.7	211.1	211.5	212.3	213.2	214.0	214.8
110°	245.5	246.3	247.2	248.0	248.9	249.3	249.5	250.0	250.5	251.0	251.5

TEST NUMBER: P1035645

CATALOG NUMBER: S125DIW-B850D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	284.4	284.7	285.1	285.4	285.7	285.9	286.2	286.9	287.6	288.2	288.9
115°	322.6	323.3	323.9	324.6	325.3	325.6	325.8	326.1	326.4	326.8	327.1
117.5°	361.5	361.7	361.9	362.0	362.2	362.3	362.5	362.8	363.1	363.5	363.8
120°	397.5	398.3	399.1	400.0	400.8	401.2	401.3	401.5	401.6	401.8	402.0
122.5°	436.4	436.6	436.7	436.9	437.0	437.1	437.4	437.9	438.4	438.9	439.4
125°	470.8	471.8	472.8	473.8	474.8	475.3	475.4	475.6	475.7	475.9	476.1
127.5°	509.0	509.5	510.0	510.5	511.0	511.3	511.4	511.5	511.7	511.8	512.0
130°	542.7	543.5	544.3	545.2	546.0	546.4	546.6	546.9	547.2	547.6	547.9
132.5°	576.4	577.9	579.4	580.9	582.4	583.1	583.0	582.9	582.7	582.6	582.4
135°	612.3	613.3	614.3	615.3	616.3	616.8	616.9	617.0	617.2	617.3	617.5
137.5°	646.0	647.0	648.0	649.0	650.0	650.5	650.7	651.0	651.3	651.7	652.0
140°	678.2	679.0	679.8	680.7	681.5	681.9	682.2	682.7	683.2	683.7	684.2
142.5°	710.4	711.1	711.7	712.4	713.1	713.4	713.7	714.4	715.1	715.7	716.4
145°	741.8	742.5	743.1	743.8	744.5	744.8	745.0	745.5	746.0	746.5	747.0
147.5°	771.0	771.5	772.0	772.5	773.0	773.2	773.4	773.7	774.0	774.4	774.7
150°	800.2	800.0	799.8	799.7	799.5	799.4	799.7	800.4	801.1	801.7	802.4
152.5°	824.1	824.4	824.8	825.1	825.4	825.6	825.7	825.9	826.0	826.2	826.4
155°	848.8	848.8	848.8	848.8	848.8	848.8	848.9	849.1	849.2	849.4	849.6
157.5°	871.3	871.0	870.6	870.3	870.0	869.8	869.9	870.0	870.2	870.3	870.5
160°	890.8	890.3	889.8	889.3	888.8	888.5	888.6	888.8	888.9	889.1	889.3
162.5°	908.0	907.7	907.3	907.0	906.7	906.5	906.5	906.5	906.5	906.5	906.5
165°	922.9	922.6	922.2	921.9	921.6	921.4	921.5	921.7	921.8	922.0	922.2
167.5°	936.4	935.7	935.1	934.4	933.7	933.4	933.4	933.4	933.4	933.4	933.4
170°	946.9	946.2	945.6	944.9	944.2	943.9	943.9	943.9	943.9	943.9	943.9
172.5°	954.4	953.7	953.1	952.4	951.7	951.4	951.4	951.4	951.4	951.4	951.4
175°	959.6	958.9	958.3	957.6	956.9	956.6	956.6	956.6	956.6	956.6	956.6
177.5°	963.4	962.7	962.1	961.4	960.7	960.4	960.3	960.1	960.0	959.8	959.6
180°	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9

TEST NUMBER: P1035645

CATALOG NUMBER: S125DIW-B850D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4
2.5°	1275.3	1282.6	1288.8	1293.9	1298.1	1304.3	1300.2	1301.2	1303.3	1307.4	1307.4
5°	1358.1	1369.5	1375.7	1396.4	1401.6	1400.6	1397.5	1414.0	1413.0	1406.8	1405.7
7.5°	1438.9	1458.5	1476.1	1492.7	1497.9	1511.3	1514.4	1521.7	1519.6	1530.0	1524.8
10°	1512.4	1543.4	1560.0	1584.8	1591.0	1597.2	1605.5	1609.7	1619.0	1617.9	1617.9
12.5°	1569.3	1606.6	1628.3	1634.5	1658.3	1665.6	1672.8	1686.3	1683.2	1684.2	1690.4
15°	1613.8	1650.0	1668.7	1697.7	1714.2	1722.5	1734.9	1749.4	1747.3	1756.7	1754.6
17.5°	1646.9	1681.1	1715.2	1758.7	1759.8	1781.5	1810.5	1816.7	1830.2	1820.8	1820.8
20°	1673.8	1719.4	1768.0	1823.9	1830.2	1843.6	1878.8	1902.6	1918.1	1913.0	1916.1
22.5°	1702.8	1768.0	1825.0	1880.9	1910.9	1934.7	1968.9	2006.1	2019.6	2027.9	2025.8
25°	1740.1	1808.4	1892.3	1969.9	2001.0	2046.5	2092.0	2128.3	2138.6	2161.4	2140.7
27.5°	1778.4	1874.7	1979.2	2070.3	2109.6	2146.9	2201.8	2228.7	2242.1	2252.5	2245.2
30°	1810.5	1943.0	2056.8	2140.7	2168.6	2190.4	2221.4	2227.6	2222.5	2230.8	2241.1
32.5°	1860.2	1989.6	2085.8	2126.2	2123.1	2122.1	2098.3	2065.1	2057.9	2038.2	2065.1
35°	1887.1	1990.6	2027.9	1974.0	1952.3	1913.0	1837.4	1787.7	1744.2	1734.9	1737.0
37.5°	1871.6	1911.9	1867.4	1725.6	1690.4	1630.4	1530.0	1459.6	1427.5	1402.6	1434.7
40°	1787.7	1743.2	1621.0	1448.2	1397.5	1340.5	1246.3	1208.0	1162.5	1153.2	1195.6
42.5°	1649.0	1513.4	1340.5	1207.0	1154.2	1122.1	1043.4	1007.2	975.1	960.6	984.4
45°	1460.6	1296.0	1122.1	1012.4	967.9	929.6	883.0	844.7	824.0	817.8	837.4
47.5°	1266.0	1092.1	953.4	871.6	825.0	796.0	752.6	730.8	714.3	716.3	719.4
50°	1079.7	921.3	814.7	732.9	710.1	687.3	658.4	639.7	631.4	634.5	632.5
52.5°	919.2	790.9	700.8	637.7	627.3	605.6	581.8	566.2	563.1	564.2	567.3
55°	778.4	678.0	606.6	561.1	549.7	534.1	519.6	509.3	501.0	504.1	503.1
57.5°	671.8	583.8	529.0	491.7	483.4	474.1	460.6	455.5	452.4	446.2	451.3
60°	577.6	506.2	458.6	435.8	428.6	422.3	407.9	401.6	399.6	396.5	404.7
62.5°	488.6	437.9	401.6	380.9	373.7	367.5	360.2	355.1	356.1	352.0	356.1
65°	418.2	376.8	350.9	332.3	323.0	318.8	317.8	309.5	308.5	309.5	310.5
67.5°	353.0	317.8	298.1	286.7	279.5	275.4	272.2	267.1	271.2	268.1	270.2
70°	294.0	270.2	249.5	238.1	235.0	236.0	230.8	228.8	229.8	227.7	229.8
72.5°	237.1	217.4	209.1	200.8	196.7	195.6	192.5	189.4	192.5	191.5	191.5
75°	189.4	174.9	165.6	160.4	160.4	158.4	153.2	153.2	153.2	152.2	153.2
77.5°	146.0	133.5	129.4	124.2	124.2	121.1	120.1	120.1	118.0	121.1	119.0
80°	108.7	99.4	93.2	90.1	90.1	89.0	87.0	85.9	87.0	85.9	85.9
82.5°	70.4	66.2	63.1	60.0	59.0	60.0	59.0	56.9	58.0	56.9	59.0
85°	40.4	36.2	36.2	34.2	35.2	33.1	34.2	32.1	31.1	34.2	32.1
87.5°	17.6	16.6	16.6	14.5	14.5	14.5	13.5	14.5	13.5	12.4	13.5
90°	12.8	13.6	14.5	15.3	15.7	16.0	16.5	17.0	17.5	18.0	17.5
92.5°	34.1	35.3	36.4	37.6	38.2	38.4	38.7	39.0	39.4	39.7	39.4
95°	58.8	60.0	61.1	62.3	62.9	63.1	63.4	63.7	64.1	64.4	64.1
97.5°	87.1	88.1	89.1	90.1	90.6	90.7	90.8	91.0	91.1	91.3	91.1
100°	116.0	117.5	119.0	120.5	121.3	121.5	121.8	122.1	122.5	122.8	122.5
102.5°	146.2	147.8	149.5	151.2	152.0	152.2	152.7	153.2	153.7	154.2	153.7
105°	179.9	180.9	181.9	182.9	183.4	183.6	184.1	184.6	185.1	185.6	185.1
107.5°	215.3	215.8	216.3	216.8	217.1	217.1	217.1	217.1	217.1	217.1	217.1
110°	252.0	252.5	253.0	253.5	253.8	253.7	253.5	253.4	253.2	253.0	253.2

TEST NUMBER: P1035645

CATALOG NUMBER: S125DIW-B850D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	289.1	289.3	289.4	289.6	289.7	289.5	289.2	288.9	288.5	288.2	288.5
115°	326.9	326.8	326.6	326.5	326.4	326.3	326.1	326.0	325.8	325.6	325.8
117.5°	364.0	364.1	364.3	364.4	364.5	364.2	363.5	362.8	362.2	361.5	362.2
120°	402.0	402.0	402.0	402.0	402.0	401.7	401.0	400.3	399.7	399.0	399.7
122.5°	439.2	439.0	438.9	438.7	438.6	438.4	437.9	437.4	436.9	436.4	436.9
125°	475.8	475.4	475.1	474.8	474.6	474.5	474.3	474.2	474.0	473.8	474.0
127.5°	511.8	511.7	511.5	511.4	511.3	511.1	510.8	510.5	510.1	509.8	510.1
130°	547.7	547.6	547.4	547.3	547.2	547.0	546.7	546.4	546.0	545.7	546.0
132.5°	582.2	582.0	581.9	581.7	581.6	581.4	580.9	580.4	579.9	579.4	579.9
135°	617.5	617.5	617.5	617.5	617.5	617.2	616.5	615.8	615.2	614.5	615.2
137.5°	652.2	652.3	652.5	652.6	652.7	652.3	651.5	650.6	649.8	649.0	649.8
140°	684.5	684.9	685.2	685.5	685.7	685.3	684.4	683.6	682.7	681.9	682.7
142.5°	716.6	716.7	716.9	717.0	717.1	716.7	715.9	715.0	714.2	713.4	714.2
145°	747.0	747.0	747.0	747.0	747.0	746.8	746.3	745.8	745.3	744.8	745.3
147.5°	775.2	775.7	776.2	776.7	777.0	776.3	775.0	773.7	772.3	771.0	772.3
150°	802.4	802.4	802.4	802.4	802.4	802.2	801.9	801.6	801.2	800.9	801.2
152.5°	826.9	827.4	827.9	828.4	828.6	828.3	827.6	826.9	826.3	825.6	826.3
155°	850.3	850.9	851.6	852.3	852.6	852.2	851.3	850.5	849.6	848.8	849.6
157.5°	871.2	871.8	872.5	873.2	873.5	872.9	871.8	870.6	869.5	868.3	869.5
160°	890.0	890.6	891.3	892.0	892.3	891.9	891.0	890.2	889.3	888.5	889.3
162.5°	907.3	908.1	909.0	909.8	910.2	909.7	908.7	907.7	906.7	905.7	906.7
165°	922.9	923.5	924.2	924.9	925.2	924.7	923.7	922.7	921.7	920.7	921.7
167.5°	934.4	935.4	936.4	937.4	937.9	937.4	936.4	935.4	934.4	933.4	934.4
170°	944.9	945.9	946.9	947.9	948.4	947.8	946.7	945.5	944.4	943.2	944.4
172.5°	952.4	953.4	954.4	955.4	955.9	955.4	954.4	953.4	952.4	951.4	952.4
175°	957.6	958.6	959.6	960.6	961.1	960.5	959.4	958.2	957.1	955.9	957.1
177.5°	960.6	961.6	962.6	963.6	964.1	963.5	962.4	961.2	960.1	958.9	960.1
180°	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9

TEST NUMBER: P1035645

CATALOG NUMBER: S125DIW-B850D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4
2.5°	1305.3	1298.1	1300.2	1298.1	1292.9	1289.8	1281.5	1271.2	1267.0	1261.9	1258.7
5°	1409.9	1404.7	1403.7	1395.4	1393.3	1380.9	1360.2	1349.8	1337.4	1325.0	1312.6
7.5°	1523.7	1517.5	1496.8	1493.7	1495.8	1480.3	1453.4	1432.7	1406.8	1389.2	1365.4
10°	1617.9	1605.5	1587.9	1589.0	1581.7	1561.0	1534.1	1512.4	1475.1	1452.3	1418.2
12.5°	1674.9	1664.5	1662.5	1652.1	1645.9	1619.0	1586.9	1558.9	1531.0	1499.9	1474.1
15°	1744.2	1730.8	1721.5	1707.0	1702.8	1674.9	1639.7	1607.6	1575.5	1546.5	1491.7
17.5°	1820.8	1806.3	1771.1	1768.0	1743.2	1716.3	1682.1	1634.5	1600.3	1558.9	1518.6
20°	1907.8	1887.1	1841.5	1830.2	1810.5	1766.0	1719.4	1666.6	1611.7	1569.3	1521.7
22.5°	2005.1	1968.9	1935.7	1899.5	1885.0	1830.2	1766.0	1701.8	1635.5	1577.6	1520.6
25°	2131.4	2083.8	2037.2	2001.0	1976.1	1904.7	1818.8	1733.9	1657.3	1581.7	1507.2
27.5°	2230.8	2189.3	2138.6	2091.0	2058.9	1974.0	1875.7	1766.0	1670.7	1578.6	1498.9
30°	2238.0	2225.6	2194.5	2168.6	2133.5	2042.4	1933.7	1809.4	1691.4	1579.6	1482.3
32.5°	2102.4	2127.2	2140.7	2144.8	2137.6	2084.8	1985.4	1848.8	1710.1	1570.3	1467.8
35°	1810.5	1876.7	1958.5	1989.6	2019.6	2047.5	1995.8	1876.7	1716.3	1568.3	1445.1
37.5°	1490.6	1550.7	1686.3	1748.4	1783.6	1894.3	1936.8	1872.6	1728.7	1570.3	1423.3
40°	1202.8	1298.1	1395.4	1479.2	1534.1	1658.3	1789.8	1804.3	1711.1	1550.7	1395.4
42.5°	1012.4	1068.3	1141.8	1219.4	1268.1	1415.1	1593.1	1697.7	1656.2	1518.6	1361.2
45°	862.3	903.7	973.0	998.9	1061.0	1201.8	1390.2	1541.3	1562.0	1467.8	1321.9
47.5°	740.1	775.3	819.8	851.9	901.6	1007.2	1166.6	1333.3	1432.7	1398.5	1267.0
50°	652.1	681.1	718.4	737.0	769.1	864.4	984.4	1150.1	1283.6	1295.0	1195.6
52.5°	578.7	595.2	624.2	644.9	670.8	728.7	837.4	974.1	1124.2	1186.3	1107.6
55°	514.5	527.9	553.8	567.3	580.7	630.4	715.3	839.5	980.3	1062.1	1017.6
57.5°	456.5	467.9	489.6	502.0	509.3	556.9	622.1	719.4	845.7	945.1	920.3
60°	408.9	419.2	431.7	441.0	449.3	488.6	534.1	612.8	725.6	821.9	815.7
62.5°	358.2	367.5	380.9	390.3	397.5	422.3	460.6	520.7	617.0	706.0	723.6
65°	313.7	320.9	330.2	334.4	343.7	362.3	393.4	447.2	525.9	605.6	618.0
67.5°	273.3	275.4	281.6	290.9	292.9	309.5	337.5	377.8	438.9	504.1	523.8
70°	229.8	232.9	238.1	245.3	249.5	259.8	283.6	310.5	363.3	420.3	434.8
72.5°	191.5	195.6	197.7	201.9	203.9	220.5	230.8	257.8	294.0	341.6	357.1
75°	155.3	159.4	160.4	162.5	164.6	171.8	186.3	202.9	232.9	264.0	284.7
77.5°	123.2	122.1	124.2	127.3	126.3	132.5	141.8	156.3	176.0	201.9	215.3
80°	87.0	87.0	90.1	93.2	92.1	98.3	101.4	111.8	128.4	144.9	150.1
82.5°	58.0	58.0	61.1	61.1	63.1	64.2	68.3	73.5	87.0	95.2	98.3
85°	33.1	33.1	34.2	34.2	34.2	36.2	39.3	41.4	45.5	50.7	52.8
87.5°	13.5	14.5	14.5	14.5	14.5	16.6	16.6	18.6	19.7	21.7	21.7
90°	17.0	16.5	16.0	15.7	15.3	14.5	13.6	12.8	12.0	10.8	9.6
92.5°	39.0	38.7	38.4	38.2	37.6	36.4	35.3	34.1	32.9	31.4	29.9
95°	63.7	63.4	63.1	62.9	62.3	61.1	60.0	58.8	57.6	56.0	54.3
97.5°	91.0	90.8	90.7	90.6	90.1	89.1	88.1	87.1	86.1	83.8	81.4
100°	122.1	121.8	121.5	121.3	120.5	119.0	117.5	116.0	114.5	112.3	110.2
102.5°	153.2	152.7	152.2	152.0	151.2	149.5	147.8	146.2	144.5	143.7	142.8
105°	184.6	184.1	183.6	183.4	182.9	181.9	180.9	179.9	178.9	177.9	176.9
107.5°	217.1	217.1	217.1	217.1	216.8	216.3	215.8	215.3	214.8	214.0	213.2
110°	253.4	253.5	253.7	253.8	253.5	253.0	252.5	252.0	251.5	251.0	250.5

TEST NUMBER: P1035645

CATALOG NUMBER: S125DIW-B850D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	288.9	289.2	289.5	289.7	289.6	289.4	289.3	289.1	288.9	288.2	287.6
115°	326.0	326.1	326.3	326.4	326.5	326.6	326.8	326.9	327.1	326.8	326.4
117.5°	362.8	363.5	364.2	364.5	364.4	364.3	364.1	364.0	363.8	363.5	363.1
120°	400.3	401.0	401.7	402.0	402.0	402.0	402.0	402.0	402.0	401.8	401.6
122.5°	437.4	437.9	438.4	438.6	438.7	438.9	439.0	439.2	439.4	438.9	438.4
125°	474.2	474.3	474.5	474.6	474.8	475.1	475.4	475.8	476.1	475.9	475.7
127.5°	510.5	510.8	511.1	511.3	511.4	511.5	511.7	511.8	512.0	511.8	511.7
130°	546.4	546.7	547.0	547.2	547.3	547.4	547.6	547.7	547.9	547.6	547.2
132.5°	580.4	580.9	581.4	581.6	581.7	581.9	582.0	582.2	582.4	582.6	582.7
135°	615.8	616.5	617.2	617.5	617.5	617.5	617.5	617.5	617.5	617.3	617.2
137.5°	650.6	651.5	652.3	652.7	652.6	652.5	652.3	652.2	652.0	651.7	651.3
140°	683.6	684.4	685.3	685.7	685.5	685.2	684.9	684.5	684.2	683.7	683.2
142.5°	715.0	715.9	716.7	717.1	717.0	716.9	716.7	716.6	716.4	715.7	715.1
145°	745.8	746.3	746.8	747.0	747.0	747.0	747.0	747.0	747.0	746.5	746.0
147.5°	773.7	775.0	776.3	777.0	776.7	776.2	775.7	775.2	774.7	774.4	774.0
150°	801.6	801.9	802.2	802.4	802.4	802.4	802.4	802.4	802.4	801.7	801.1
152.5°	826.9	827.6	828.3	828.6	828.4	827.9	827.4	826.9	826.4	826.2	826.0
155°	850.5	851.3	852.2	852.6	852.3	851.6	850.9	850.3	849.6	849.4	849.2
157.5°	870.6	871.8	872.9	873.5	873.2	872.5	871.8	871.2	870.5	870.3	870.2
160°	890.2	891.0	891.9	892.3	892.0	891.3	890.6	890.0	889.3	889.1	888.9
162.5°	907.7	908.7	909.7	910.2	909.8	909.0	908.1	907.3	906.5	906.5	906.5
165°	922.7	923.7	924.7	925.2	924.9	924.2	923.5	922.9	922.2	922.0	921.8
167.5°	935.4	936.4	937.4	937.9	937.4	936.4	935.4	934.4	933.4	933.4	933.4
170°	945.5	946.7	947.8	948.4	947.9	946.9	945.9	944.9	943.9	943.9	943.9
172.5°	953.4	954.4	955.4	955.9	955.4	954.4	953.4	952.4	951.4	951.4	951.4
175°	958.2	959.4	960.5	961.1	960.6	959.6	958.6	957.6	956.6	956.6	956.6
177.5°	961.2	962.4	963.5	964.1	963.6	962.6	961.6	960.6	959.6	959.8	960.0
180°	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9

TEST NUMBER: P1035645

CATALOG NUMBER: S125DIW-B850D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4
2.5°	1254.6	1249.4	1243.2	1243.2	1236.0	1232.9	1226.7	1224.6	1219.4	1211.1	1204.9
5°	1299.1	1285.7	1277.4	1270.1	1254.6	1243.2	1231.8	1219.4	1207.0	1192.5	1175.9
7.5°	1342.6	1317.8	1306.4	1293.9	1271.2	1247.4	1224.6	1208.0	1191.5	1168.7	1148.0
10°	1388.1	1357.1	1336.4	1319.8	1284.6	1254.6	1221.5	1197.7	1171.8	1142.8	1115.9
12.5°	1426.4	1386.1	1368.5	1337.4	1297.0	1260.8	1219.4	1183.2	1149.0	1114.9	1081.7
15°	1458.5	1420.2	1376.8	1364.3	1308.4	1256.7	1210.1	1163.5	1121.1	1086.9	1048.6
17.5°	1468.9	1420.2	1398.5	1368.5	1302.2	1248.4	1189.4	1138.7	1098.3	1047.6	1017.6
20°	1472.0	1425.4	1395.4	1367.4	1308.4	1237.0	1179.0	1116.9	1068.3	1017.6	969.9
22.5°	1463.7	1408.8	1379.9	1352.9	1286.7	1225.6	1158.3	1090.0	1033.1	986.5	938.9
25°	1448.2	1384.0	1356.1	1327.1	1263.9	1196.6	1123.1	1057.9	1005.1	949.2	902.7
27.5°	1427.5	1354.0	1321.9	1291.9	1229.8	1166.6	1097.3	1030.0	971.0	912.0	868.5
30°	1401.6	1316.7	1287.7	1248.4	1188.4	1128.3	1065.2	997.9	931.6	875.7	828.1
32.5°	1368.5	1279.4	1241.1	1203.9	1138.7	1083.8	1023.8	960.6	896.4	841.6	791.9
35°	1338.5	1237.0	1194.6	1157.3	1084.8	1026.9	977.2	918.2	861.2	804.3	759.8
37.5°	1298.1	1194.6	1143.8	1105.5	1032.0	973.0	926.5	880.9	820.9	766.0	724.6
40°	1255.6	1141.8	1094.2	1055.9	979.3	915.1	870.6	830.2	781.5	730.8	687.3
42.5°	1217.3	1091.1	1040.3	993.7	916.1	859.2	813.6	782.6	738.1	692.5	653.2
45°	1168.7	1037.2	982.4	933.7	859.2	797.1	753.6	728.7	695.6	651.1	617.0
47.5°	1119.0	979.3	922.3	874.7	794.0	739.1	696.7	672.8	650.1	614.9	580.7
50°	1053.8	918.2	866.4	811.6	731.9	676.0	640.8	617.0	599.4	574.5	545.5
52.5°	982.4	855.0	799.1	751.5	672.8	622.1	581.8	568.3	550.7	532.1	507.2
55°	906.8	786.7	732.9	686.3	613.8	562.1	529.0	514.5	501.0	486.5	470.0
57.5°	831.2	715.3	664.6	623.2	555.9	506.2	479.3	459.6	450.3	442.0	428.6
60°	737.0	638.7	599.4	562.1	495.8	450.3	424.4	409.9	401.6	397.5	391.3
62.5°	654.2	573.5	530.0	493.8	441.0	400.6	375.8	364.4	357.1	355.1	347.8
65°	566.2	496.9	462.7	431.7	386.1	349.9	329.2	315.7	310.5	309.5	309.5
67.5°	483.4	427.5	393.4	371.6	332.3	300.2	280.5	275.4	272.2	268.1	267.1
70°	405.8	361.3	331.2	312.6	277.4	253.6	238.1	229.8	229.8	226.7	224.6
72.5°	337.5	292.9	273.3	257.8	228.8	208.1	196.7	194.6	187.4	186.3	186.3
75°	264.0	230.8	217.4	203.9	182.2	167.7	158.4	153.2	149.1	149.1	150.1
77.5°	198.7	176.0	163.6	153.2	137.7	128.4	121.1	119.0	114.9	114.9	114.9
80°	140.8	128.4	119.0	110.8	99.4	91.1	87.0	82.8	82.8	81.8	82.8
82.5°	91.1	80.7	75.6	74.5	64.2	61.1	55.9	56.9	53.8	52.8	54.9
85°	52.8	47.6	41.4	39.3	35.2	31.1	29.0	30.0	29.0	27.9	29.0
87.5°	20.7	17.6	16.6	16.6	13.5	12.4	11.4	12.4	10.4	10.4	11.4
90°	8.5	7.3	6.7	6.0	4.7	3.4	2.0	0.7	2.0	3.4	4.7
92.5°	28.4	26.9	26.2	25.8	25.0	24.1	23.3	22.5	23.3	24.1	25.0
95°	52.7	51.0	50.2	50.0	49.7	49.4	49.0	48.7	49.0	49.4	49.7
97.5°	79.1	76.8	75.6	75.5	75.4	75.2	75.1	74.9	75.1	75.2	75.4
100°	108.0	105.9	104.8	104.8	104.8	104.8	104.8	104.8	104.8	104.8	104.8
102.5°	142.0	141.1	140.7	140.3	139.5	138.6	137.8	137.0	137.8	138.6	139.5
105°	175.9	174.9	174.4	174.0	173.2	172.3	171.5	170.7	171.5	172.3	173.2
107.5°	212.3	211.5	211.1	210.7	209.8	209.0	208.1	207.3	208.1	209.0	209.8
110°	250.0	249.5	249.3	248.9	248.0	247.2	246.3	245.5	246.3	247.2	248.0

TEST NUMBER: P1035645

CATALOG NUMBER: S125DIW-B850D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	286.9	286.2	285.9	285.7	285.4	285.1	284.7	284.4	284.7	285.1	285.4
115°	326.1	325.8	325.6	325.3	324.6	323.9	323.3	322.6	323.3	323.9	324.6
117.5°	362.8	362.5	362.3	362.2	362.0	361.9	361.7	361.5	361.7	361.9	362.0
120°	401.5	401.3	401.2	400.8	400.0	399.1	398.3	397.5	398.3	399.1	400.0
122.5°	437.9	437.4	437.1	437.0	436.9	436.7	436.6	436.4	436.6	436.7	436.9
125°	475.6	475.4	475.3	474.8	473.8	472.8	471.8	470.8	471.8	472.8	473.8
127.5°	511.5	511.4	511.3	511.0	510.5	510.0	509.5	509.0	509.5	510.0	510.5
130°	546.9	546.6	546.4	546.0	545.2	544.3	543.5	542.7	543.5	544.3	545.2
132.5°	582.9	583.0	583.1	582.4	580.9	579.4	577.9	576.4	577.9	579.4	580.9
135°	617.0	616.9	616.8	616.3	615.3	614.3	613.3	612.3	613.3	614.3	615.3
137.5°	651.0	650.7	650.5	650.0	649.0	648.0	647.0	646.0	647.0	648.0	649.0
140°	682.7	682.2	681.9	681.5	680.7	679.8	679.0	678.2	679.0	679.8	680.7
142.5°	714.4	713.7	713.4	713.1	712.4	711.7	711.1	710.4	711.1	711.7	712.4
145°	745.5	745.0	744.8	744.5	743.8	743.1	742.5	741.8	742.5	743.1	743.8
147.5°	773.7	773.4	773.2	773.0	772.5	772.0	771.5	771.0	771.5	772.0	772.5
150°	800.4	799.7	799.4	799.5	799.7	799.8	800.0	800.2	800.0	799.8	799.7
152.5°	825.9	825.7	825.6	825.4	825.1	824.8	824.4	824.1	824.4	824.8	825.1
155°	849.1	848.9	848.8	848.8	848.8	848.8	848.8	848.8	848.8	848.8	848.8
157.5°	870.0	869.9	869.8	870.0	870.3	870.6	871.0	871.3	871.0	870.6	870.3
160°	888.8	888.6	888.5	888.8	889.3	889.8	890.3	890.8	890.3	889.8	889.3
162.5°	906.5	906.5	906.5	906.7	907.0	907.3	907.7	908.0	907.7	907.3	907.0
165°	921.7	921.5	921.4	921.6	921.9	922.2	922.6	922.9	922.6	922.2	921.9
167.5°	933.4	933.4	933.4	933.7	934.4	935.1	935.7	936.4	935.7	935.1	934.4
170°	943.9	943.9	943.9	944.2	944.9	945.6	946.2	946.9	946.2	945.6	944.9
172.5°	951.4	951.4	951.4	951.7	952.4	953.1	953.7	954.4	953.7	953.1	952.4
175°	956.6	956.6	956.6	956.9	957.6	958.3	958.9	959.6	958.9	958.3	957.6
177.5°	960.1	960.3	960.4	960.7	961.4	962.1	962.7	963.4	962.7	962.1	961.4
180°	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9

TEST NUMBER: P1035645

CATALOG NUMBER: S125DIW-B850D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4
2.5°	1202.8	1200.8	1195.6	1192.5	1182.1	1169.7	1165.6	1155.2	1159.4	1152.1	1152.1
5°	1170.8	1161.4	1155.2	1145.9	1126.2	1112.8	1098.3	1091.1	1086.9	1081.7	1077.6
7.5°	1129.4	1122.1	1115.9	1098.3	1076.6	1057.9	1040.3	1033.1	1019.6	1010.3	1006.2
10°	1093.1	1082.8	1068.3	1047.6	1024.8	1001.0	985.5	969.9	959.6	954.4	943.0
12.5°	1055.9	1043.4	1027.9	997.9	973.0	958.6	930.6	916.1	910.9	906.8	893.3
15°	1017.6	1004.1	985.5	957.5	935.8	901.6	885.1	873.7	861.2	860.2	849.9
17.5°	983.4	966.8	951.3	917.1	890.2	860.2	850.9	838.5	827.1	814.7	809.5
20°	939.9	924.4	913.0	875.7	845.7	827.1	811.6	801.2	794.0	781.5	779.5
22.5°	900.6	884.0	868.5	840.5	814.7	790.9	772.2	760.8	757.7	752.6	743.2
25°	862.3	845.7	827.1	801.2	774.3	757.7	741.2	733.9	727.7	719.4	712.2
27.5°	830.2	814.7	797.1	765.0	742.2	729.8	712.2	703.9	695.6	691.5	688.4
30°	791.9	774.3	760.8	736.0	711.2	694.6	682.2	674.9	667.7	663.5	661.5
32.5°	754.6	738.1	728.7	701.8	682.2	662.5	653.2	648.0	643.9	639.7	635.6
35°	724.6	708.0	693.6	668.7	649.0	635.6	628.3	620.1	617.0	612.8	612.8
37.5°	687.3	674.9	660.4	636.6	619.0	608.7	602.5	592.1	591.1	589.0	585.9
40°	655.3	642.8	629.4	608.7	593.1	580.7	572.4	567.3	564.2	562.1	560.0
42.5°	621.1	607.6	601.4	577.6	564.2	551.7	547.6	542.4	541.4	537.2	532.1
45°	588.0	576.6	564.2	546.6	535.2	524.8	518.6	514.5	509.3	508.3	505.2
47.5°	559.0	545.5	534.1	517.6	505.2	496.9	491.7	486.5	482.4	479.3	476.2
50°	521.7	511.4	502.0	484.5	474.1	465.8	458.6	454.4	450.3	450.3	450.3
52.5°	485.5	476.2	467.9	455.5	443.0	435.8	427.5	424.4	422.3	419.2	422.3
55°	450.3	441.0	432.7	423.4	408.9	402.7	394.4	391.3	392.3	392.3	395.4
57.5°	413.0	405.8	400.6	389.2	375.8	369.5	364.4	361.3	361.3	365.4	366.4
60°	376.8	369.5	360.2	349.9	341.6	334.4	331.2	332.3	332.3	334.4	339.5
62.5°	336.4	332.3	327.1	312.6	307.4	302.3	298.1	301.2	300.2	305.4	312.6
65°	299.2	295.0	287.8	280.5	274.3	269.1	268.1	269.1	271.2	276.4	284.7
67.5°	257.8	257.8	251.5	245.3	240.2	235.0	236.0	237.1	239.1	245.3	257.8
70°	223.6	219.5	213.2	209.1	205.0	202.9	200.8	205.0	211.2	215.3	224.6
72.5°	186.3	183.2	178.0	173.9	172.9	170.8	169.8	171.8	178.0	185.3	195.6
75°	147.0	148.0	144.9	141.8	141.8	138.7	140.8	140.8	147.0	154.2	162.5
77.5°	113.9	112.8	111.8	109.7	108.7	108.7	108.7	110.8	117.0	121.1	129.4
80°	80.7	81.8	78.7	79.7	78.7	79.7	79.7	83.8	87.0	92.1	98.3
82.5°	53.8	53.8	51.8	52.8	52.8	52.8	53.8	55.9	60.0	64.2	68.3
85°	30.0	31.1	29.0	31.1	31.1	31.1	32.1	33.1	36.2	37.3	41.4
87.5°	11.4	13.5	13.5	11.4	12.4	13.5	14.5	13.5	15.5	17.6	18.6
90°	6.0	6.7	7.3	8.5	9.6	10.8	12.0	12.8	13.6	14.5	15.3
92.5°	25.8	26.2	26.9	28.4	29.9	31.4	32.9	34.1	35.3	36.4	37.6
95°	50.0	50.2	51.0	52.7	54.3	56.0	57.6	58.8	60.0	61.1	62.3
97.5°	75.5	75.6	76.8	79.1	81.4	83.8	86.1	87.1	88.1	89.1	90.1
100°	104.8	104.8	105.9	108.0	110.2	112.3	114.5	116.0	117.5	119.0	120.5
102.5°	140.3	140.7	141.1	142.0	142.8	143.7	144.5	146.2	147.8	149.5	151.2
105°	174.0	174.4	174.9	175.9	176.9	177.9	178.9	179.9	180.9	181.9	182.9
107.5°	210.7	211.1	211.5	212.3	213.2	214.0	214.8	215.3	215.8	216.3	216.8
110°	248.9	249.3	249.5	250.0	250.5	251.0	251.5	252.0	252.5	253.0	253.5

TEST NUMBER: P1035645

CATALOG NUMBER: S125DIW-B850D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	285.7	285.9	286.2	286.9	287.6	288.2	288.9	289.1	289.3	289.4	289.6
115°	325.3	325.6	325.8	326.1	326.4	326.8	327.1	326.9	326.8	326.6	326.5
117.5°	362.2	362.3	362.5	362.8	363.1	363.5	363.8	364.0	364.1	364.3	364.4
120°	400.8	401.2	401.3	401.5	401.6	401.8	402.0	402.0	402.0	402.0	402.0
122.5°	437.0	437.1	437.4	437.9	438.4	438.9	439.4	439.2	439.0	438.9	438.7
125°	474.8	475.3	475.4	475.6	475.7	475.9	476.1	475.8	475.4	475.1	474.8
127.5°	511.0	511.3	511.4	511.5	511.7	511.8	512.0	511.8	511.7	511.5	511.4
130°	546.0	546.4	546.6	546.9	547.2	547.6	547.9	547.7	547.6	547.4	547.3
132.5°	582.4	583.1	583.0	582.9	582.7	582.6	582.4	582.2	582.0	581.9	581.7
135°	616.3	616.8	616.9	617.0	617.2	617.3	617.5	617.5	617.5	617.5	617.5
137.5°	650.0	650.5	650.7	651.0	651.3	651.7	652.0	652.2	652.3	652.5	652.6
140°	681.5	681.9	682.2	682.7	683.2	683.7	684.2	684.5	684.9	685.2	685.5
142.5°	713.1	713.4	713.7	714.4	715.1	715.7	716.4	716.6	716.7	716.9	717.0
145°	744.5	744.8	745.0	745.5	746.0	746.5	747.0	747.0	747.0	747.0	747.0
147.5°	773.0	773.2	773.4	773.7	774.0	774.4	774.7	775.2	775.7	776.2	776.7
150°	799.5	799.4	799.7	800.4	801.1	801.7	802.4	802.4	802.4	802.4	802.4
152.5°	825.4	825.6	825.7	825.9	826.0	826.2	826.4	826.9	827.4	827.9	828.4
155°	848.8	848.8	848.9	849.1	849.2	849.4	849.6	850.3	850.9	851.6	852.3
157.5°	870.0	869.8	869.9	870.0	870.2	870.3	870.5	871.2	871.8	872.5	873.2
160°	888.8	888.5	888.6	888.8	888.9	889.1	889.3	890.0	890.6	891.3	892.0
162.5°	906.7	906.5	906.5	906.5	906.5	906.5	906.5	907.3	908.1	909.0	909.8
165°	921.6	921.4	921.5	921.7	921.8	922.0	922.2	922.9	923.5	924.2	924.9
167.5°	933.7	933.4	933.4	933.4	933.4	933.4	933.4	934.4	935.4	936.4	937.4
170°	944.2	943.9	943.9	943.9	943.9	943.9	943.9	944.9	945.9	946.9	947.9
172.5°	951.7	951.4	951.4	951.4	951.4	951.4	951.4	952.4	953.4	954.4	955.4
175°	956.9	956.6	956.6	956.6	956.6	956.6	956.6	957.6	958.6	959.6	960.6
177.5°	960.7	960.4	960.3	960.1	960.0	959.8	959.6	960.6	961.6	962.6	963.6
180°	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9

TEST NUMBER: P1035645

CATALOG NUMBER: S125DIW-B850D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4
2.5°	1156.3	1149.0	1148.0	1150.1	1145.9	1152.1	1150.1	1152.1	1146.9	1152.1	1149.0
5°	1076.6	1074.5	1070.3	1065.2	1066.2	1067.2	1072.4	1067.2	1071.4	1072.4	1077.6
7.5°	1002.0	997.9	1001.0	998.9	989.6	987.5	989.6	992.7	998.9	1003.1	1006.2
10°	942.0	939.9	935.8	932.7	927.5	924.4	928.5	924.4	932.7	939.9	939.9
12.5°	896.4	888.2	883.0	882.0	870.6	872.6	876.8	879.9	889.2	893.3	893.3
15°	848.8	842.6	840.5	836.4	832.3	836.4	834.3	837.4	841.6	845.7	847.8
17.5°	807.4	806.4	807.4	797.1	800.2	795.0	796.0	801.2	798.1	801.2	807.4
20°	770.2	772.2	769.1	765.0	765.0	758.8	766.0	763.9	765.0	771.2	780.5
22.5°	742.2	741.2	738.1	735.0	730.8	731.9	732.9	730.8	739.1	744.3	745.3
25°	712.2	710.1	709.1	706.0	701.8	706.0	704.9	706.0	708.0	716.3	710.1
27.5°	684.2	680.1	682.2	679.1	678.0	679.1	679.1	680.1	682.2	683.2	684.2
30°	660.4	656.3	655.3	653.2	652.1	653.2	655.3	653.2	661.5	660.4	660.4
32.5°	634.5	631.4	629.4	629.4	628.3	627.3	628.3	629.4	635.6	631.4	635.6
35°	609.7	607.6	607.6	605.6	604.5	604.5	604.5	608.7	606.6	609.7	609.7
37.5°	585.9	585.9	584.9	582.8	581.8	582.8	581.8	583.8	582.8	583.8	584.9
40°	561.1	559.0	557.9	557.9	554.8	551.7	554.8	554.8	555.9	559.0	560.0
42.5°	531.0	532.1	532.1	527.9	527.9	527.9	529.0	530.0	530.0	532.1	532.1
45°	505.2	503.1	503.1	503.1	501.0	502.0	504.1	504.1	504.1	504.1	502.0
47.5°	476.2	476.2	477.2	477.2	480.3	479.3	479.3	478.2	476.2	476.2	477.2
50°	449.3	452.4	453.4	453.4	454.4	455.5	455.5	453.4	452.4	449.3	449.3
52.5°	423.4	425.4	427.5	430.6	432.7	431.7	431.7	429.6	425.4	424.4	423.4
55°	395.4	398.5	402.7	405.8	408.9	409.9	409.9	405.8	401.6	396.5	396.5
57.5°	369.5	372.7	379.9	383.0	387.1	387.1	385.1	382.0	375.8	371.6	368.5
60°	343.7	348.8	354.0	360.2	365.4	366.4	363.3	359.2	352.0	346.8	342.6
62.5°	315.7	320.9	331.2	337.5	341.6	341.6	341.6	336.4	327.1	319.9	313.7
65°	288.8	294.0	303.3	311.6	314.7	317.8	314.7	309.5	302.3	294.0	287.8
67.5°	260.9	267.1	276.4	282.6	286.7	289.8	287.8	283.6	274.3	262.9	258.8
70°	229.8	232.9	246.4	252.6	258.8	260.9	258.8	252.6	243.3	230.8	226.7
72.5°	200.8	203.9	216.3	221.5	226.7	228.8	225.7	221.5	213.2	201.9	196.7
75°	167.7	172.9	179.1	187.4	193.6	195.6	192.5	189.4	179.1	171.8	167.7
77.5°	132.5	137.7	146.0	153.2	159.4	158.4	154.2	155.3	143.9	135.6	132.5
80°	100.4	104.6	110.8	117.0	120.1	120.1	119.0	114.9	110.8	104.6	99.4
82.5°	69.4	74.5	79.7	83.8	83.8	84.9	82.8	81.8	77.6	72.5	71.4
85°	41.4	42.4	46.6	46.6	50.7	48.7	47.6	50.7	46.6	43.5	42.4
87.5°	18.6	17.6	18.6	18.6	17.6	19.7	19.7	18.6	19.7	18.6	18.6
90°	15.7	16.0	16.5	17.0	17.5	18.0	17.5	17.0	16.5	16.0	15.7
92.5°	38.2	38.4	38.7	39.0	39.4	39.7	39.4	39.0	38.7	38.4	38.2
95°	62.9	63.1	63.4	63.7	64.1	64.4	64.1	63.7	63.4	63.1	62.9
97.5°	90.6	90.7	90.8	91.0	91.1	91.3	91.1	91.0	90.8	90.7	90.6
100°	121.3	121.5	121.8	122.1	122.5	122.8	122.5	122.1	121.8	121.5	121.3
102.5°	152.0	152.2	152.7	153.2	153.7	154.2	153.7	153.2	152.7	152.2	152.0
105°	183.4	183.6	184.1	184.6	185.1	185.6	185.1	184.6	184.1	183.6	183.4
107.5°	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1
110°	253.8	253.7	253.5	253.4	253.2	253.0	253.2	253.4	253.5	253.7	253.8

TEST NUMBER: P1035645

CATALOG NUMBER: S125DIW-B850D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	289.7	289.5	289.2	288.9	288.5	288.2	288.5	288.9	289.2	289.5	289.7
115°	326.4	326.3	326.1	326.0	325.8	325.6	325.8	326.0	326.1	326.3	326.4
117.5°	364.5	364.2	363.5	362.8	362.2	361.5	362.2	362.8	363.5	364.2	364.5
120°	402.0	401.7	401.0	400.3	399.7	399.0	399.7	400.3	401.0	401.7	402.0
122.5°	438.6	438.4	437.9	437.4	436.9	436.4	436.9	437.4	437.9	438.4	438.6
125°	474.6	474.5	474.3	474.2	474.0	473.8	474.0	474.2	474.3	474.5	474.6
127.5°	511.3	511.1	510.8	510.5	510.1	509.8	510.1	510.5	510.8	511.1	511.3
130°	547.2	547.0	546.7	546.4	546.0	545.7	546.0	546.4	546.7	547.0	547.2
132.5°	581.6	581.4	580.9	580.4	579.9	579.4	579.9	580.4	580.9	581.4	581.6
135°	617.5	617.2	616.5	615.8	615.2	614.5	615.2	615.8	616.5	617.2	617.5
137.5°	652.7	652.3	651.5	650.6	649.8	649.0	649.8	650.6	651.5	652.3	652.7
140°	685.7	685.3	684.4	683.6	682.7	681.9	682.7	683.6	684.4	685.3	685.7
142.5°	717.1	716.7	715.9	715.0	714.2	713.4	714.2	715.0	715.9	716.7	717.1
145°	747.0	746.8	746.3	745.8	745.3	744.8	745.3	745.8	746.3	746.8	747.0
147.5°	777.0	776.3	775.0	773.7	772.3	771.0	772.3	773.7	775.0	776.3	777.0
150°	802.4	802.2	801.9	801.6	801.2	800.9	801.2	801.6	801.9	802.2	802.4
152.5°	828.6	828.3	827.6	826.9	826.3	825.6	826.3	826.9	827.6	828.3	828.6
155°	852.6	852.2	851.3	850.5	849.6	848.8	849.6	850.5	851.3	852.2	852.6
157.5°	873.5	872.9	871.8	870.6	869.5	868.3	869.5	870.6	871.8	872.9	873.5
160°	892.3	891.9	891.0	890.2	889.3	888.5	889.3	890.2	891.0	891.9	892.3
162.5°	910.2	909.7	908.7	907.7	906.7	905.7	906.7	907.7	908.7	909.7	910.2
165°	925.2	924.7	923.7	922.7	921.7	920.7	921.7	922.7	923.7	924.7	925.2
167.5°	937.9	937.4	936.4	935.4	934.4	933.4	934.4	935.4	936.4	937.4	937.9
170°	948.4	947.8	946.7	945.5	944.4	943.2	944.4	945.5	946.7	947.8	948.4
172.5°	955.9	955.4	954.4	953.4	952.4	951.4	952.4	953.4	954.4	955.4	955.9
175°	961.1	960.5	959.4	958.2	957.1	955.9	957.1	958.2	959.4	960.5	961.1
177.5°	964.1	963.5	962.4	961.2	960.1	958.9	960.1	961.2	962.4	963.5	964.1
180°	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9

TEST NUMBER: P1035645

CATALOG NUMBER: S125DIW-B850D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4	1219.4
2.5°	1158.3	1152.1	1159.4	1150.1	1152.1	1163.5	1162.5	1172.8	1179.0	1178.0	1183.2
5°	1081.7	1081.7	1084.8	1083.8	1094.2	1103.5	1115.9	1126.2	1137.6	1143.8	1151.1
7.5°	1006.2	1016.5	1018.6	1023.8	1036.2	1051.7	1064.1	1079.7	1096.2	1107.6	1115.9
10°	944.1	952.3	960.6	964.8	978.2	998.9	1016.5	1041.4	1062.1	1074.5	1085.9
12.5°	889.2	898.5	902.7	921.3	930.6	944.1	968.9	995.8	1018.6	1032.0	1041.4
15°	849.9	855.0	864.4	875.7	885.1	901.6	922.3	952.3	974.1	985.5	1017.6
17.5°	816.7	822.9	828.1	833.3	847.8	865.4	885.1	910.9	938.9	958.6	975.1
20°	782.6	785.7	791.9	800.2	810.5	827.1	844.7	871.6	896.4	912.0	933.7
22.5°	742.2	751.5	757.7	763.9	775.3	794.0	810.5	830.2	861.2	878.8	901.6
25°	718.4	722.5	726.7	733.9	742.2	758.8	777.4	798.1	822.9	841.6	861.2
27.5°	687.3	693.6	698.7	708.0	713.2	726.7	744.3	765.0	795.0	810.5	827.1
30°	661.5	667.7	671.8	676.0	683.2	697.7	714.3	730.8	758.8	778.4	795.0
32.5°	635.6	641.8	647.0	650.1	657.3	666.6	680.1	700.8	724.6	738.1	759.8
35°	612.8	612.8	619.0	623.2	629.4	637.7	650.1	665.6	690.4	708.0	727.7
37.5°	586.9	588.0	593.1	596.2	602.5	610.7	623.2	637.7	658.4	671.8	691.5
40°	560.0	563.1	565.2	570.4	577.6	580.7	593.1	609.7	630.4	642.8	659.4
42.5°	533.1	535.2	540.3	544.5	550.7	555.9	564.2	579.7	595.2	613.8	627.3
45°	503.1	508.3	511.4	518.6	521.7	526.9	535.2	547.6	566.2	577.6	593.1
47.5°	477.2	479.3	481.3	490.7	496.9	500.0	508.3	515.5	535.2	545.5	560.0
50°	449.3	449.3	452.4	456.5	463.7	470.0	477.2	485.5	501.0	511.4	525.9
52.5°	423.4	420.3	422.3	424.4	431.7	437.9	445.1	456.5	471.0	477.2	489.6
55°	395.4	390.3	393.4	396.5	398.5	406.8	415.1	422.3	433.7	443.0	454.4
57.5°	365.4	364.4	362.3	363.3	368.5	373.7	379.9	389.2	402.7	409.9	416.1
60°	338.5	332.3	330.2	332.3	335.4	338.5	346.8	355.1	366.4	373.7	380.9
62.5°	310.5	304.3	300.2	297.1	300.2	307.4	312.6	318.8	328.1	336.4	342.6
65°	283.6	274.3	270.2	268.1	267.1	272.2	276.4	284.7	292.9	296.1	303.3
67.5°	253.6	245.3	240.2	237.1	237.1	237.1	241.2	249.5	257.8	258.8	266.0
70°	223.6	214.3	209.1	205.0	202.9	205.0	210.1	211.2	218.4	220.5	224.6
72.5°	191.5	183.2	177.0	171.8	172.9	174.9	174.9	177.0	181.2	186.3	186.3
75°	161.5	150.1	147.0	142.9	140.8	140.8	140.8	144.9	148.0	152.2	151.1
77.5°	127.3	121.1	114.9	112.8	109.7	108.7	110.8	110.8	112.8	115.9	117.0
80°	98.3	91.1	87.0	84.9	80.7	79.7	80.7	80.7	83.8	82.8	83.8
82.5°	68.3	63.1	60.0	56.9	54.9	55.9	54.9	54.9	55.9	54.9	54.9
85°	39.3	38.3	36.2	35.2	34.2	32.1	34.2	33.1	32.1	31.1	33.1
87.5°	18.6	17.6	17.6	15.5	15.5	14.5	15.5	15.5	14.5	14.5	14.5
90°	15.3	14.5	13.6	12.8	12.0	10.8	9.6	8.5	7.3	6.7	6.0
92.5°	37.6	36.4	35.3	34.1	32.9	31.4	29.9	28.4	26.9	26.2	25.8
95°	62.3	61.1	60.0	58.8	57.6	56.0	54.3	52.7	51.0	50.2	50.0
97.5°	90.1	89.1	88.1	87.1	86.1	83.8	81.4	79.1	76.8	75.6	75.5
100°	120.5	119.0	117.5	116.0	114.5	112.3	110.2	108.0	105.9	104.8	104.8
102.5°	151.2	149.5	147.8	146.2	144.5	143.7	142.8	142.0	141.1	140.7	140.3
105°	182.9	181.9	180.9	179.9	178.9	177.9	176.9	175.9	174.9	174.4	174.0
107.5°	216.8	216.3	215.8	215.3	214.8	214.0	213.2	212.3	211.5	211.1	210.7
110°	253.5	253.0	252.5	252.0	251.5	251.0	250.5	250.0	249.5	249.3	248.9

TEST NUMBER: P1035645

CATALOG NUMBER: S125DIW-B850D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	289.6	289.4	289.3	289.1	288.9	288.2	287.6	286.9	286.2	285.9	285.7
115°	326.5	326.6	326.8	326.9	327.1	326.8	326.4	326.1	325.8	325.6	325.3
117.5°	364.4	364.3	364.1	364.0	363.8	363.5	363.1	362.8	362.5	362.3	362.2
120°	402.0	402.0	402.0	402.0	402.0	401.8	401.6	401.5	401.3	401.2	400.8
122.5°	438.7	438.9	439.0	439.2	439.4	438.9	438.4	437.9	437.4	437.1	437.0
125°	474.8	475.1	475.4	475.8	476.1	475.9	475.7	475.6	475.4	475.3	474.8
127.5°	511.4	511.5	511.7	511.8	512.0	511.8	511.7	511.5	511.4	511.3	511.0
130°	547.3	547.4	547.6	547.7	547.9	547.6	547.2	546.9	546.6	546.4	546.0
132.5°	581.7	581.9	582.0	582.2	582.4	582.6	582.7	582.9	583.0	583.1	582.4
135°	617.5	617.5	617.5	617.5	617.5	617.3	617.2	617.0	616.9	616.8	616.3
137.5°	652.6	652.5	652.3	652.2	652.0	651.7	651.3	651.0	650.7	650.5	650.0
140°	685.5	685.2	684.9	684.5	684.2	683.7	683.2	682.7	682.2	681.9	681.5
142.5°	717.0	716.9	716.7	716.6	716.4	715.7	715.1	714.4	713.7	713.4	713.1
145°	747.0	747.0	747.0	747.0	747.0	746.5	746.0	745.5	745.0	744.8	744.5
147.5°	776.7	776.2	775.7	775.2	774.7	774.4	774.0	773.7	773.4	773.2	773.0
150°	802.4	802.4	802.4	802.4	802.4	801.7	801.1	800.4	799.7	799.4	799.5
152.5°	828.4	827.9	827.4	826.9	826.4	826.2	826.0	825.9	825.7	825.6	825.4
155°	852.3	851.6	850.9	850.3	849.6	849.4	849.2	849.1	848.9	848.8	848.8
157.5°	873.2	872.5	871.8	871.2	870.5	870.3	870.2	870.0	869.9	869.8	870.0
160°	892.0	891.3	890.6	890.0	889.3	889.1	888.9	888.8	888.6	888.5	888.8
162.5°	909.8	909.0	908.1	907.3	906.5	906.5	906.5	906.5	906.5	906.5	906.7
165°	924.9	924.2	923.5	922.9	922.2	922.0	921.8	921.7	921.5	921.4	921.6
167.5°	937.4	936.4	935.4	934.4	933.4	933.4	933.4	933.4	933.4	933.4	933.7
170°	947.9	946.9	945.9	944.9	943.9	943.9	943.9	943.9	943.9	943.9	944.2
172.5°	955.4	954.4	953.4	952.4	951.4	951.4	951.4	951.4	951.4	951.4	951.7
175°	960.6	959.6	958.6	957.6	956.6	956.6	956.6	956.6	956.6	956.6	956.9
177.5°	963.6	962.6	961.6	960.6	959.6	959.8	960.0	960.1	960.3	960.4	960.7
180°	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9	961.9

TEST NUMBER: P1035645

CATALOG NUMBER: S125DIW-B850D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1219.4	1219.4	1219.4	1219.4
2.5°	1190.4	1200.8	1208.0	1221.5
5°	1163.5	1182.1	1199.7	1218.4
7.5°	1136.6	1158.3	1186.3	1210.1
10°	1106.6	1134.5	1167.7	1199.7
12.5°	1076.6	1109.7	1145.9	1188.4
15°	1040.3	1082.8	1125.2	1170.8
17.5°	1008.2	1051.7	1097.3	1154.2
20°	972.0	1019.6	1069.3	1127.3
22.5°	939.9	992.7	1044.5	1105.5
25°	903.7	955.4	1012.4	1077.6
27.5°	873.7	921.3	977.2	1047.6
30°	837.4	889.2	945.1	1015.5
32.5°	803.3	853.0	912.0	981.3
35°	768.1	818.8	871.6	937.8
37.5°	735.0	778.4	831.2	894.4
40°	697.7	745.3	792.9	842.6
42.5°	663.5	707.0	751.5	790.9
45°	625.2	662.5	704.9	737.0
47.5°	590.0	623.2	656.3	681.1
50°	554.8	580.7	605.6	627.3
52.5°	513.4	542.4	555.9	569.3
55°	476.2	492.7	505.2	518.6
57.5°	439.9	447.2	453.4	465.8
60°	392.3	400.6	407.9	417.2
62.5°	350.9	355.1	357.1	366.4
65°	311.6	310.5	315.7	320.9
67.5°	269.1	268.1	273.3	275.4
70°	227.7	226.7	227.7	232.9
72.5°	188.4	188.4	189.4	191.5
75°	152.2	152.2	153.2	155.3
77.5°	114.9	117.0	115.9	120.1
80°	83.8	81.8	83.8	85.9
82.5°	54.9	56.9	56.9	54.9
85°	31.1	31.1	31.1	31.1
87.5°	13.5	13.5	14.5	15.5
90°	4.7	3.4	2.0	0.7
92.5°	25.0	24.1	23.3	22.5
95°	49.7	49.4	49.0	48.7
97.5°	75.4	75.2	75.1	74.9
100°	104.8	104.8	104.8	104.8
102.5°	139.5	138.6	137.8	137.0
105°	173.2	172.3	171.5	170.7
107.5°	209.8	209.0	208.1	207.3
110°	248.0	247.2	246.3	245.5

TEST NUMBER: P1035645

CATALOG NUMBER: S125DIW-B850D770UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	285.4	285.1	284.7	284.4
115°	324.6	323.9	323.3	322.6
117.5°	362.0	361.9	361.7	361.5
120°	400.0	399.1	398.3	397.5
122.5°	436.9	436.7	436.6	436.4
125°	473.8	472.8	471.8	470.8
127.5°	510.5	510.0	509.5	509.0
130°	545.2	544.3	543.5	542.7
132.5°	580.9	579.4	577.9	576.4
135°	615.3	614.3	613.3	612.3
137.5°	649.0	648.0	647.0	646.0
140°	680.7	679.8	679.0	678.2
142.5°	712.4	711.7	711.1	710.4
145°	743.8	743.1	742.5	741.8
147.5°	772.5	772.0	771.5	771.0
150°	799.7	799.8	800.0	800.2
152.5°	825.1	824.8	824.4	824.1
155°	848.8	848.8	848.8	848.8
157.5°	870.3	870.6	871.0	871.3
160°	889.3	889.8	890.3	890.8
162.5°	907.0	907.3	907.7	908.0
165°	921.9	922.2	922.6	922.9
167.5°	934.4	935.1	935.7	936.4
170°	944.9	945.6	946.2	946.9
172.5°	952.4	953.1	953.7	954.4
175°	957.6	958.3	958.9	959.6
177.5°	961.4	962.1	962.7	963.4
180°	961.9	961.9	961.9	961.9

(END OF REPORT)