

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: P1036133

Luminaire Tested: S125RDIW-B850D470UB35-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1036133
REPORT IS A COMBINATION OF REPORTS P1006958 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIW-B850D470UB35-4F0-XX-W2A-A1
Description: Define 5 Regressed Direct/Indirect Wall Mount with 3500K BioUP LEDs {m-DER=0.721}
{m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

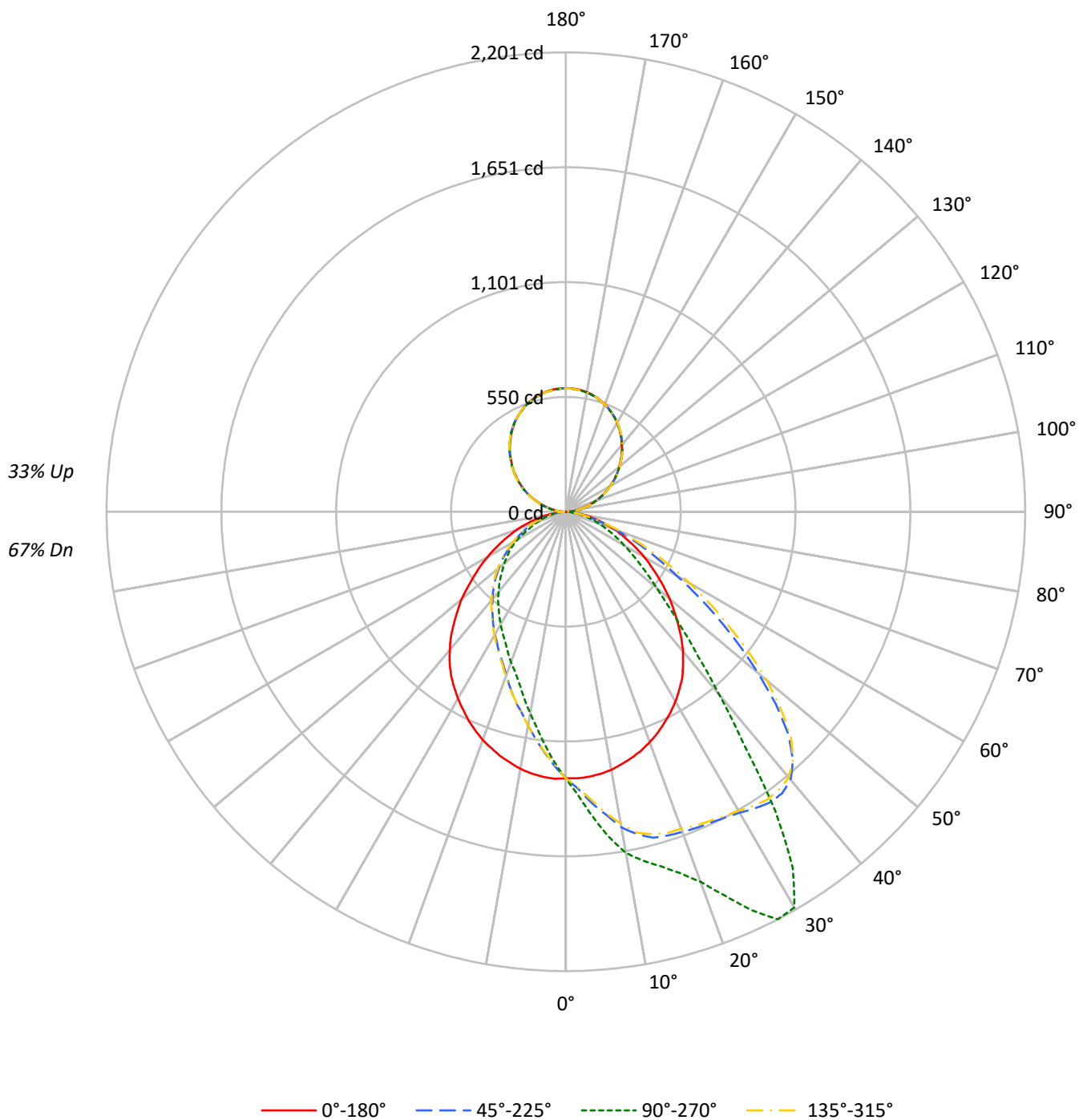
Lumens per Lamp: N/A
Luminaire Lumens: 4960.0 lumens
Efficiency: N/A
Efficacy: 101.0 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 49.1
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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	111	111	111	111	105	105	105	105	93	93	93	82	82	82	71	71	71	67			
1	102	98	94	91	96	92	89	86	82	80	77	73	71	69	64	63	62	57			
2	93	86	80	75	88	81	76	72	73	69	65	65	61	59	57	55	53	49			
3	86	76	69	63	80	72	66	60	65	59	55	58	54	50	51	48	45	42			
4	79	68	60	54	74	64	57	52	58	52	48	52	47	43	46	42	39	36			
5	72	61	53	47	68	58	50	45	52	46	41	47	42	38	42	38	35	32			
6	67	55	47	41	63	52	45	39	47	41	36	42	37	33	38	34	31	28			
7	62	50	41	36	58	47	40	35	43	37	32	38	33	30	35	30	27	25			
8	58	45	37	32	54	43	36	31	39	33	29	35	30	27	32	28	25	22			
9	54	41	34	29	51	39	32	28	36	30	26	33	28	24	29	25	22	20			
10	50	38	31	26	47	36	30	25	33	27	23	30	25	22	27	23	20	18			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8183	8183	8183	8183
5°	8177	9223	8177	7089
10°	8130	10365	8103	6128
15°	8042	10965	7987	5336
20°	7936	11837	7865	4823
25°	7796	13398	7708	4377
30°	7655	14241	7540	4058
35°	7473	11712	7367	3761
40°	7147	7953	7087	3494
45°	6720	5717	6711	3231
50°	6283	4397	6313	2988
55°	5791	3575	5779	2753
60°	5332	2930	5306	2445
65°	4799	2442	4829	1968
70°	4356	1959	4338	1639
75°	3679	1485	3679	1347
80°	2983	906	2947	906
85°	2098	476	2041	539

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 11648 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.5	2.5
10°-20°	359.1	7.2
20°-30°	569.3	11.5
30°-40°	688.0	13.9
40°-50°	612.5	12.3
50°-60°	469.7	9.5
60°-70°	305.0	6.2
70°-80°	148.0	3.0
80°-90°	35.7	0.7
90°-100°	39.3	0.8
100°-110°	116.8	2.4
110°-120°	198.1	4.0
120°-130°	260.8	5.3
130°-140°	292.2	5.9
140°-150°	286.4	5.8
150°-160°	240.6	4.9
160°-170°	159.9	3.2
170°-180°	56.0	1.1
0°-30°	1050.9	21.2
0°-40°	1738.9	35.1
0°-60°	2821.1	56.9
0°-90°	3309.9	66.7
90°-120°	354.2	7.1
90°-150°	1193.6	24.1
90°-180°	1650.0	33.3
0°-180°	4960.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1277	1277	1277	1277	1277	
5°	1274	1464	1274	1125	1274	121
15°	1221	1758	1212	856	1221	344
25°	1116	2106	1103	688	1116	514
35°	972	1747	958	561	972	605
45°	760	781	759	442	760	587
55°	537	429	536	330	537	481
65°	334	243	336	196	334	333
75°	162	113	162	103	162	174
85°	37	24	36	27	37	42
90°	0	11	0	11	0	4
95°	30	40	30	40	30	31
105°	105	114	105	114	105	112
115°	198	200	198	200	198	196
125°	289	291	289	291	289	259
135°	376	378	376	378	376	290
145°	456	458	456	458	456	285
155°	522	522	522	522	522	240
165°	567	566	567	566	567	160
175°	590	588	590	588	590	56
180°	591	591	591	591	591	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2
2.5°	1278.3	1288.7	1291.9	1300.3	1309.7	1311.8	1317.1	1324.4	1328.6	1327.5	1327.5
5°	1274.1	1291.9	1304.5	1319.2	1337.0	1344.3	1350.6	1366.3	1378.9	1386.3	1398.9
7.5°	1266.7	1292.9	1313.9	1335.9	1363.2	1375.8	1389.4	1411.4	1434.5	1449.2	1462.8
10°	1255.2	1288.7	1318.1	1350.6	1387.3	1406.2	1423.0	1456.5	1484.8	1503.7	1535.2
12.5°	1238.4	1280.4	1321.3	1364.2	1410.4	1430.3	1453.4	1490.1	1529.9	1557.2	1583.4
15°	1220.6	1270.9	1315.0	1366.3	1421.9	1452.3	1481.7	1520.5	1556.1	1586.6	1617.0
17.5°	1199.6	1253.1	1307.6	1366.3	1429.3	1459.7	1484.8	1531.0	1568.7	1599.1	1626.4
20°	1174.5	1234.2	1296.1	1361.1	1425.1	1453.4	1477.5	1527.8	1561.4	1593.9	1632.7
22.5°	1147.2	1212.2	1278.3	1342.2	1405.1	1435.6	1463.9	1507.9	1544.6	1588.7	1639.0
25°	1115.7	1187.0	1254.1	1318.1	1377.9	1406.2	1431.4	1479.6	1531.0	1586.6	1643.2
27.5°	1084.3	1153.5	1218.5	1277.2	1342.2	1368.4	1393.6	1454.4	1515.3	1574.0	1651.6
30°	1049.7	1119.9	1176.5	1231.1	1294.0	1321.3	1352.7	1421.9	1491.1	1570.8	1665.2
32.5°	1010.9	1074.8	1127.3	1183.9	1240.5	1274.1	1313.9	1389.4	1469.1	1564.5	1685.1
35°	972.1	1023.4	1071.7	1125.2	1193.3	1229.0	1267.8	1347.5	1447.1	1561.4	1701.9
37.5°	922.8	972.1	1009.8	1064.3	1134.6	1176.5	1215.3	1307.6	1420.9	1554.0	1700.9
40°	872.4	914.4	950.0	1006.7	1083.2	1122.0	1164.0	1264.6	1393.6	1533.1	1675.7
42.5°	817.9	853.6	892.4	946.9	1021.4	1059.1	1107.3	1224.8	1355.9	1503.7	1610.7
45°	760.2	794.9	827.4	884.0	958.4	999.3	1051.8	1172.4	1309.7	1441.8	1505.8
47.5°	703.6	734.0	768.6	817.9	893.4	938.5	992.0	1121.0	1247.9	1359.0	1364.2
50°	649.1	673.2	702.6	752.9	831.6	874.5	930.1	1050.7	1174.5	1251.0	1199.6
52.5°	592.5	614.5	644.9	688.9	762.3	812.7	860.9	981.5	1085.3	1136.7	1042.3
55°	536.9	555.8	587.2	636.5	700.5	739.3	788.6	900.8	992.0	993.0	890.3
57.5°	482.4	499.1	525.4	569.4	629.2	674.3	719.4	816.9	878.7	860.9	746.6
60°	434.1	444.6	468.7	511.7	567.3	599.8	648.0	729.8	770.7	738.2	615.5
62.5°	383.8	394.3	413.2	447.8	500.2	534.8	565.2	632.3	660.6	611.3	510.7
65°	333.5	346.0	359.7	386.9	436.2	459.3	486.6	535.8	563.1	505.4	418.4
67.5°	289.4	295.7	309.3	337.7	372.3	393.2	412.1	445.7	450.9	404.8	333.5
70°	248.5	250.6	263.2	280.0	306.2	318.8	334.5	354.4	354.4	316.7	260.1
72.5°	202.4	205.5	215.0	232.8	248.5	254.8	260.1	272.6	270.5	235.9	197.1
75°	162.5	164.6	172.0	180.4	186.7	198.2	202.4	200.3	199.2	169.9	147.9
77.5°	125.8	126.9	132.1	139.5	140.5	144.7	141.6	141.6	132.1	115.3	103.8
80°	92.3	93.3	95.4	97.5	97.5	97.5	97.5	92.3	86.0	75.5	72.4
82.5°	61.9	61.9	62.9	65.0	64.0	61.9	59.8	54.5	50.3	47.2	45.1
85°	36.7	36.7	37.8	36.7	32.5	31.5	29.4	28.3	27.3	26.2	26.2
87.5°	17.8	16.8	14.7	12.6	12.6	12.6	12.6	12.6	12.6	11.5	11.5
90°	0.5	1.3	2.1	2.9	3.7	4.1	4.5	5.2	5.9	6.7	7.4
92.5°	13.8	14.3	14.8	15.3	15.8	16.1	16.6	17.5	18.4	19.3	20.2
95°	29.9	30.1	30.3	30.5	30.7	30.8	31.3	32.3	33.4	34.4	35.4
97.5°	46.0	46.1	46.2	46.3	46.4	46.5	47.2	48.6	50.1	51.5	52.9
100°	64.4	64.4	64.4	64.4	64.4	64.4	65.1	66.4	67.7	69.1	70.4
102.5°	84.2	84.7	85.2	85.7	86.2	86.5	86.8	87.3	87.8	88.3	88.8
105°	104.9	105.4	105.9	106.4	106.9	107.2	107.5	108.1	108.8	109.4	110.0
107.5°	127.4	127.9	128.4	128.9	129.4	129.7	130.0	130.5	131.0	131.5	132.0
110°	150.9	151.4	151.9	152.4	152.9	153.2	153.4	153.7	154.0	154.3	154.6

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	174.8	175.0	175.2	175.5	175.7	175.8	176.0	176.4	176.8	177.2	177.6
115°	198.3	198.7	199.1	199.5	199.9	200.1	200.2	200.4	200.7	200.9	201.1
117.5°	222.2	222.3	222.4	222.5	222.6	222.7	222.8	223.0	223.2	223.4	223.6
120°	244.3	244.8	245.3	245.8	246.3	246.6	246.7	246.8	246.9	247.0	247.1
122.5°	268.2	268.3	268.4	268.5	268.6	268.7	268.9	269.2	269.5	269.8	270.1
125°	289.4	290.0	290.6	291.3	291.9	292.2	292.2	292.3	292.4	292.5	292.6
127.5°	312.9	313.2	313.5	313.8	314.1	314.2	314.3	314.4	314.5	314.6	314.7
130°	333.6	334.1	334.6	335.1	335.6	335.9	336.0	336.2	336.4	336.6	336.8
132.5°	354.3	355.2	356.1	357.0	357.9	358.4	358.4	358.3	358.2	358.1	358.0
135°	376.4	377.0	377.6	378.2	378.8	379.1	379.2	379.3	379.4	379.5	379.6
137.5°	397.1	397.7	398.3	398.9	399.5	399.8	399.9	400.1	400.3	400.5	400.7
140°	416.9	417.4	417.9	418.4	418.9	419.2	419.3	419.6	419.9	420.2	420.5
142.5°	436.6	437.0	437.4	437.9	438.3	438.5	438.7	439.1	439.5	439.9	440.3
145°	456.0	456.4	456.8	457.2	457.6	457.8	458.0	458.3	458.6	458.9	459.2
147.5°	473.9	474.2	474.5	474.8	475.1	475.3	475.4	475.6	475.8	476.0	476.2
150°	491.8	491.7	491.6	491.5	491.4	491.4	491.6	492.0	492.4	492.8	493.2
152.5°	506.6	506.8	507.0	507.2	507.4	507.5	507.6	507.7	507.8	507.9	508.0
155°	521.8	521.8	521.8	521.8	521.8	521.8	521.8	521.9	522.0	522.1	522.2
157.5°	535.6	535.4	535.2	534.9	534.7	534.6	534.7	534.8	534.9	535.0	535.1
160°	547.5	547.2	546.9	546.6	546.3	546.1	546.2	546.3	546.4	546.5	546.6
162.5°	558.1	557.9	557.7	557.5	557.3	557.2	557.2	557.2	557.2	557.2	557.2
165°	567.3	567.1	566.9	566.7	566.5	566.4	566.4	566.5	566.6	566.7	566.8
167.5°	575.6	575.2	574.8	574.3	573.9	573.7	573.7	573.7	573.7	573.7	573.7
170°	582.0	581.6	581.2	580.8	580.4	580.2	580.2	580.2	580.2	580.2	580.2
172.5°	586.6	586.2	585.8	585.4	585.0	584.8	584.8	584.8	584.8	584.8	584.8
175°	589.9	589.5	589.1	588.6	588.2	588.0	588.0	588.0	588.0	588.0	588.0
177.5°	592.2	591.8	591.4	590.9	590.5	590.3	590.3	590.2	590.1	590.0	589.9
180°	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2
2.5°	1332.8	1340.1	1346.4	1343.3	1355.9	1354.8	1356.9	1361.1	1362.2	1360.1	1355.9
5°	1405.1	1415.6	1433.5	1442.9	1440.8	1449.2	1453.4	1459.7	1466.0	1463.9	1463.9
7.5°	1485.9	1500.6	1518.4	1542.5	1545.7	1553.0	1565.6	1565.6	1572.9	1569.8	1568.7
10°	1556.1	1574.0	1602.3	1621.2	1629.5	1633.7	1646.3	1650.5	1658.9	1660.0	1660.0
12.5°	1613.8	1645.3	1664.2	1683.0	1687.2	1693.5	1703.0	1709.2	1712.4	1712.4	1709.2
15°	1644.2	1669.4	1691.4	1711.3	1722.9	1728.1	1737.6	1744.9	1749.1	1758.5	1760.6
17.5°	1656.8	1687.2	1722.9	1751.2	1771.1	1776.4	1795.2	1801.5	1809.9	1814.1	1819.3
20°	1674.6	1718.7	1761.7	1796.3	1815.2	1828.8	1848.7	1878.1	1886.5	1886.5	1883.3
22.5°	1690.4	1747.0	1805.7	1861.3	1877.0	1904.3	1941.0	1972.4	1985.0	1990.3	1986.1
25°	1709.2	1786.8	1863.4	1932.6	1975.6	1995.5	2044.8	2082.6	2097.2	2105.6	2107.7
27.5°	1741.8	1839.3	1936.8	2024.9	2068.9	2092.0	2143.4	2175.9	2193.7	2201.0	2195.8
30°	1778.5	1898.0	2011.2	2089.9	2119.3	2147.6	2181.1	2193.7	2189.5	2189.5	2205.2
32.5°	1816.2	1939.9	2040.6	2092.0	2102.5	2098.3	2084.6	2046.9	2024.9	2024.9	2038.5
35°	1837.2	1944.1	1995.5	1978.7	1937.8	1913.7	1839.3	1797.3	1750.1	1747.0	1762.7
37.5°	1825.6	1871.8	1850.8	1740.7	1685.1	1639.0	1522.6	1476.5	1441.8	1393.6	1468.1
40°	1744.9	1729.2	1620.1	1461.8	1399.9	1334.9	1242.6	1196.5	1148.2	1140.9	1158.7
42.5°	1608.6	1515.3	1355.9	1202.8	1139.8	1093.7	1023.4	978.4	947.9	935.4	956.3
45°	1438.7	1291.9	1132.5	1010.9	941.7	917.5	853.6	813.7	790.7	781.2	795.9
47.5°	1231.1	1083.2	932.2	829.5	788.6	764.4	721.4	686.8	666.9	660.6	666.9
50°	1045.5	893.4	766.5	700.5	663.8	643.9	608.2	586.2	570.4	566.3	576.7
52.5°	885.0	746.6	650.1	591.4	567.3	550.5	525.4	506.5	497.0	492.8	500.2
55°	741.4	629.2	551.6	501.2	483.4	472.9	450.9	440.4	429.9	428.9	436.2
57.5°	614.5	536.9	465.6	429.9	424.7	409.0	390.1	380.6	375.4	374.4	377.5
60°	511.7	442.5	399.5	368.1	360.7	348.1	337.7	331.4	325.1	323.0	325.1
62.5°	425.7	371.2	336.6	315.6	305.1	302.0	290.5	283.1	282.1	282.1	284.2
65°	351.3	305.1	283.1	266.3	259.0	255.9	247.5	242.2	243.3	243.3	244.3
67.5°	286.3	252.7	232.8	224.4	218.1	217.1	208.7	206.6	204.5	204.5	206.6
70°	227.5	206.6	191.9	187.7	186.7	179.3	176.2	175.1	172.0	173.0	173.0
72.5°	178.3	164.6	156.2	150.0	151.0	146.8	142.6	142.6	140.5	143.7	143.7
75°	132.1	125.8	119.5	117.4	119.5	117.4	114.3	113.3	114.3	113.3	113.3
77.5°	97.5	94.4	92.3	91.2	91.2	87.0	84.9	87.0	82.8	84.9	84.9
80°	68.2	64.0	62.9	60.8	61.9	58.7	59.8	57.7	57.7	57.7	57.7
82.5°	43.0	41.9	41.9	41.9	40.9	40.9	40.9	40.9	40.9	40.9	39.8
85°	26.2	25.2	25.2	25.2	24.1	24.1	24.1	24.1	24.1	24.1	24.1
87.5°	10.5	11.5	11.5	12.6	11.5	10.5	10.5	10.5	11.5	11.5	10.5
90°	7.9	8.4	8.9	9.4	9.7	9.8	10.1	10.4	10.7	11.0	10.7
92.5°	20.9	21.7	22.4	23.1	23.5	23.6	23.8	24.0	24.2	24.4	24.2
95°	36.1	36.8	37.5	38.2	38.6	38.7	38.9	39.2	39.4	39.6	39.4
97.5°	53.5	54.1	54.8	55.4	55.7	55.7	55.8	55.9	56.0	56.1	56.0
100°	71.3	72.2	73.1	74.0	74.5	74.6	74.8	75.1	75.3	75.5	75.3
102.5°	89.8	90.8	91.9	92.9	93.4	93.6	93.9	94.2	94.5	94.8	94.5
105°	110.6	111.2	111.8	112.4	112.7	112.9	113.2	113.5	113.8	114.1	113.8
107.5°	132.3	132.6	132.9	133.2	133.4	133.4	133.4	133.4	133.4	133.4	133.4
110°	154.9	155.2	155.5	155.8	156.0	155.9	155.8	155.7	155.6	155.5	155.6

TEST NUMBER: P1036133

CATALOG NUMBER: S125RDIW-B850D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	177.7	177.8	177.9	178.0	178.1	178.0	177.8	177.5	177.3	177.1	177.3
115°	201.0	200.9	200.8	200.7	200.6	200.5	200.4	200.3	200.2	200.1	200.2
117.5°	223.7	223.8	223.9	224.0	224.1	223.9	223.5	223.0	222.6	222.2	222.6
120°	247.1	247.1	247.1	247.1	247.1	246.9	246.5	246.0	245.6	245.2	245.6
122.5°	270.0	269.9	269.8	269.7	269.6	269.4	269.1	268.8	268.5	268.2	268.5
125°	292.4	292.2	292.0	291.8	291.7	291.6	291.5	291.4	291.3	291.2	291.3
127.5°	314.6	314.5	314.4	314.3	314.2	314.1	313.9	313.7	313.5	313.3	313.5
130°	336.7	336.6	336.5	336.4	336.3	336.2	336.0	335.8	335.6	335.4	335.6
132.5°	357.9	357.8	357.7	357.6	357.5	357.3	357.0	356.7	356.4	356.1	356.4
135°	379.6	379.6	379.6	379.6	379.6	379.4	379.0	378.5	378.1	377.7	378.1
137.5°	400.8	400.9	401.0	401.1	401.2	400.9	400.4	399.9	399.4	398.9	399.4
140°	420.7	420.9	421.2	421.4	421.5	421.2	420.7	420.2	419.7	419.2	419.7
142.5°	440.4	440.5	440.6	440.7	440.8	440.5	440.0	439.5	439.0	438.5	439.0
145°	459.2	459.2	459.2	459.2	459.2	459.0	458.7	458.4	458.1	457.8	458.1
147.5°	476.5	476.8	477.1	477.4	477.6	477.2	476.4	475.5	474.7	473.9	474.7
150°	493.2	493.2	493.2	493.2	493.2	493.1	492.9	492.7	492.5	492.3	492.5
152.5°	508.3	508.6	508.9	509.2	509.3	509.1	508.7	508.3	507.9	507.5	507.9
155°	522.6	523.0	523.5	523.9	524.1	523.8	523.3	522.8	522.3	521.8	522.3
157.5°	535.5	535.9	536.3	536.7	536.9	536.5	535.8	535.1	534.4	533.7	534.4
160°	547.0	547.4	547.8	548.2	548.4	548.1	547.6	547.1	546.6	546.1	546.6
162.5°	557.7	558.2	558.7	559.2	559.5	559.2	558.6	557.9	557.3	556.7	557.3
165°	567.2	567.6	568.1	568.5	568.7	568.4	567.8	567.1	566.5	565.9	566.5
167.5°	574.3	574.9	575.6	576.2	576.5	576.2	575.6	574.9	574.3	573.7	574.3
170°	580.8	581.4	582.0	582.6	582.9	582.5	581.8	581.1	580.4	579.7	580.4
172.5°	585.4	586.0	586.7	587.3	587.6	587.3	586.7	586.0	585.4	584.8	585.4
175°	588.6	589.2	589.9	590.5	590.8	590.4	589.7	589.0	588.3	587.6	588.3
177.5°	590.5	591.1	591.7	592.3	592.6	592.2	591.5	590.8	590.1	589.4	590.1
180°	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2

TEST NUMBER: P1036133

CATALOG NUMBER: S125RDIW-B850D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2
2.5°	1361.1	1353.8	1356.9	1353.8	1350.6	1347.5	1340.1	1329.6	1321.3	1315.0	1313.9
5°	1466.0	1456.5	1450.2	1447.1	1440.8	1432.4	1418.8	1403.0	1384.2	1376.8	1362.2
7.5°	1562.4	1559.3	1544.6	1542.5	1538.3	1522.6	1499.5	1478.5	1454.4	1434.5	1415.6
10°	1653.7	1646.3	1635.8	1621.2	1619.1	1599.1	1577.1	1547.8	1516.3	1497.4	1463.9
12.5°	1710.3	1701.9	1690.4	1680.9	1675.7	1663.1	1632.7	1603.3	1575.0	1540.4	1511.1
15°	1751.2	1740.7	1719.7	1712.4	1706.1	1689.3	1667.3	1636.9	1599.1	1575.0	1533.1
17.5°	1806.8	1794.2	1773.2	1759.6	1748.0	1721.8	1690.4	1649.5	1613.8	1586.6	1548.8
20°	1870.7	1851.9	1824.6	1806.8	1790.0	1759.6	1715.5	1667.3	1615.9	1582.4	1543.6
22.5°	1976.6	1941.0	1898.0	1872.8	1849.8	1797.3	1744.9	1685.1	1627.5	1577.1	1529.9
25°	2079.4	2043.8	1990.3	1955.7	1920.0	1859.2	1790.0	1707.1	1633.7	1575.0	1513.2
27.5°	2174.8	2138.1	2088.8	2046.9	2012.3	1921.1	1829.8	1736.5	1643.2	1562.4	1499.5
30°	2196.9	2181.1	2143.4	2106.7	2075.2	1991.3	1885.4	1766.9	1654.7	1550.9	1480.6
32.5°	2063.7	2102.5	2111.9	2106.7	2086.7	2027.0	1929.5	1804.7	1671.5	1545.7	1449.2
35°	1786.8	1857.1	1929.5	1968.3	1987.1	1995.5	1937.8	1823.5	1683.0	1537.3	1428.2
37.5°	1481.7	1549.9	1664.2	1721.8	1785.8	1869.7	1892.8	1819.3	1677.8	1531.0	1394.7
40°	1217.4	1304.5	1398.9	1451.3	1506.9	1657.9	1772.2	1763.8	1661.0	1507.9	1368.4
42.5°	990.9	1045.5	1128.3	1186.0	1254.1	1423.0	1576.1	1651.6	1610.7	1479.6	1334.9
45°	826.3	868.3	927.0	985.7	1027.6	1180.7	1362.2	1485.9	1524.7	1429.3	1283.5
47.5°	696.3	727.7	779.1	815.8	860.9	981.5	1138.8	1312.9	1394.7	1358.0	1229.0
50°	596.7	621.8	662.7	685.8	725.6	829.5	949.0	1131.5	1255.2	1259.4	1156.6
52.5°	509.6	534.8	569.4	589.3	613.4	683.7	804.3	958.4	1101.0	1153.5	1073.8
55°	443.6	458.2	486.6	502.3	524.3	592.5	669.0	800.1	949.0	1035.0	984.7
57.5°	382.7	398.5	416.3	428.9	444.6	499.1	568.3	666.9	814.8	908.1	891.3
60°	333.5	342.9	359.7	369.1	383.8	419.4	467.7	566.3	683.7	771.8	781.2
62.5°	287.3	295.7	307.2	315.6	325.1	353.4	389.0	459.3	562.1	657.5	670.1
65°	247.5	254.8	261.1	268.4	275.8	293.6	324.0	378.6	458.2	547.4	574.6
67.5°	211.8	213.9	223.4	224.4	228.6	242.2	264.3	308.3	366.0	437.3	472.9
70°	177.2	181.4	183.5	186.7	190.8	200.3	218.1	241.2	284.2	341.8	375.4
72.5°	143.7	144.7	147.9	150.0	154.1	161.5	169.9	187.7	215.0	256.9	287.3
75°	114.3	115.3	117.4	118.5	121.6	123.7	127.9	140.5	159.4	184.6	206.6
77.5°	86.0	88.1	90.2	90.2	91.2	93.3	95.4	99.6	109.1	125.8	144.7
80°	58.7	59.8	59.8	60.8	59.8	62.9	66.1	71.3	75.5	80.7	90.2
82.5°	40.9	40.9	40.9	41.9	41.9	43.0	43.0	44.0	45.1	48.2	52.4
85°	25.2	25.2	26.2	24.1	25.2	26.2	26.2	25.2	26.2	27.3	28.3
87.5°	10.5	10.5	11.5	11.5	11.5	11.5	10.5	11.5	10.5	11.5	11.5
90°	10.4	10.1	9.8	9.7	9.4	8.9	8.4	7.9	7.4	6.7	5.9
92.5°	24.0	23.8	23.6	23.5	23.1	22.4	21.7	20.9	20.2	19.3	18.4
95°	39.2	38.9	38.7	38.6	38.2	37.5	36.8	36.1	35.4	34.4	33.4
97.5°	55.9	55.8	55.7	55.7	55.4	54.8	54.1	53.5	52.9	51.5	50.1
100°	75.1	74.8	74.6	74.5	74.0	73.1	72.2	71.3	70.4	69.1	67.7
102.5°	94.2	93.9	93.6	93.4	92.9	91.9	90.8	89.8	88.8	88.3	87.8
105°	113.5	113.2	112.9	112.7	112.4	111.8	111.2	110.6	110.0	109.4	108.8
107.5°	133.4	133.4	133.4	133.4	133.2	132.9	132.6	132.3	132.0	131.5	131.0
110°	155.7	155.8	155.9	156.0	155.8	155.5	155.2	154.9	154.6	154.3	154.0

TEST NUMBER: P1036133

CATALOG NUMBER: S125RDIW-B850D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	177.5	177.8	178.0	178.1	178.0	177.9	177.8	177.7	177.6	177.2	176.8
115°	200.3	200.4	200.5	200.6	200.7	200.8	200.9	201.0	201.1	200.9	200.7
117.5°	223.0	223.5	223.9	224.1	224.0	223.9	223.8	223.7	223.6	223.4	223.2
120°	246.0	246.5	246.9	247.1	247.1	247.1	247.1	247.1	247.1	247.0	246.9
122.5°	268.8	269.1	269.4	269.6	269.7	269.8	269.9	270.0	270.1	269.8	269.5
125°	291.4	291.5	291.6	291.7	291.8	292.0	292.2	292.4	292.6	292.5	292.4
127.5°	313.7	313.9	314.1	314.2	314.3	314.4	314.5	314.6	314.7	314.6	314.5
130°	335.8	336.0	336.2	336.3	336.4	336.5	336.6	336.7	336.8	336.6	336.4
132.5°	356.7	357.0	357.3	357.5	357.6	357.7	357.8	357.9	358.0	358.1	358.2
135°	378.5	379.0	379.4	379.6	379.6	379.6	379.6	379.6	379.6	379.5	379.4
137.5°	399.9	400.4	400.9	401.2	401.1	401.0	400.9	400.8	400.7	400.5	400.3
140°	420.2	420.7	421.2	421.5	421.4	421.2	420.9	420.7	420.5	420.2	419.9
142.5°	439.5	440.0	440.5	440.8	440.7	440.6	440.5	440.4	440.3	439.9	439.5
145°	458.4	458.7	459.0	459.2	459.2	459.2	459.2	459.2	459.2	458.9	458.6
147.5°	475.5	476.4	477.2	477.6	477.4	477.1	476.8	476.5	476.2	476.0	475.8
150°	492.7	492.9	493.1	493.2	493.2	493.2	493.2	493.2	493.2	492.8	492.4
152.5°	508.3	508.7	509.1	509.3	509.2	508.9	508.6	508.3	508.0	507.9	507.8
155°	522.8	523.3	523.8	524.1	523.9	523.5	523.0	522.6	522.2	522.1	522.0
157.5°	535.1	535.8	536.5	536.9	536.7	536.3	535.9	535.5	535.1	535.0	534.9
160°	547.1	547.6	548.1	548.4	548.2	547.8	547.4	547.0	546.6	546.5	546.4
162.5°	557.9	558.6	559.2	559.5	559.2	558.7	558.2	557.7	557.2	557.2	557.2
165°	567.1	567.8	568.4	568.7	568.5	568.1	567.6	567.2	566.8	566.7	566.6
167.5°	574.9	575.6	576.2	576.5	576.2	575.6	574.9	574.3	573.7	573.7	573.7
170°	581.1	581.8	582.5	582.9	582.6	582.0	581.4	580.8	580.2	580.2	580.2
172.5°	586.0	586.7	587.3	587.6	587.3	586.7	586.0	585.4	584.8	584.8	584.8
175°	589.0	589.7	590.4	590.8	590.5	589.9	589.2	588.6	588.0	588.0	588.0
177.5°	590.8	591.5	592.2	592.6	592.3	591.7	591.1	590.5	589.9	590.0	590.1
180°	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2

TEST NUMBER: P1036133

CATALOG NUMBER: S125RDIW-B850D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2
2.5°	1310.8	1304.5	1300.3	1299.2	1292.9	1287.7	1281.4	1280.4	1277.2	1268.8	1263.6
5°	1351.7	1337.0	1333.8	1324.4	1308.7	1297.1	1282.5	1274.1	1264.6	1248.9	1236.3
7.5°	1393.6	1373.7	1359.0	1345.4	1323.4	1302.4	1281.4	1264.6	1247.9	1224.8	1205.9
10°	1434.5	1404.1	1386.3	1366.3	1335.9	1304.5	1275.1	1251.0	1223.7	1196.5	1169.2
12.5°	1472.3	1433.5	1407.2	1378.9	1341.2	1302.4	1264.6	1231.1	1202.8	1166.1	1135.7
15°	1495.3	1452.3	1426.1	1398.9	1342.2	1299.2	1255.2	1212.2	1174.5	1135.7	1107.3
17.5°	1509.0	1460.7	1431.4	1406.2	1348.5	1289.8	1233.2	1187.0	1146.1	1100.0	1062.2
20°	1502.7	1455.5	1428.2	1404.1	1337.0	1278.3	1217.4	1164.0	1112.6	1065.4	1025.5
22.5°	1489.0	1439.8	1409.3	1387.3	1327.5	1258.3	1191.2	1133.6	1080.1	1032.9	987.8
25°	1459.7	1411.4	1385.2	1358.0	1299.2	1233.2	1165.0	1103.1	1046.5	996.2	945.9
27.5°	1433.5	1374.7	1347.5	1323.4	1261.5	1202.8	1135.7	1067.5	1009.8	957.4	907.1
30°	1403.0	1337.0	1307.6	1275.1	1219.5	1164.0	1096.9	1033.9	974.2	918.6	870.4
32.5°	1370.5	1294.0	1260.4	1223.7	1167.1	1114.7	1058.1	996.2	936.4	881.9	831.6
35°	1328.6	1246.8	1208.0	1173.4	1114.7	1062.2	1009.8	958.4	898.7	841.0	792.8
37.5°	1288.7	1198.6	1157.7	1117.8	1056.0	1005.6	962.6	914.4	856.7	801.1	755.0
40°	1243.7	1139.8	1097.9	1061.2	997.2	941.7	902.9	865.1	814.8	761.3	711.0
42.5°	1202.8	1085.3	1041.3	1003.5	936.4	884.0	847.3	815.8	771.8	722.5	671.1
45°	1146.1	1026.6	981.5	941.7	873.5	824.2	786.5	759.2	724.6	678.5	632.3
47.5°	1093.7	970.0	920.7	872.4	810.6	760.2	725.6	704.7	681.6	640.7	593.5
50°	1029.7	905.0	854.6	814.8	744.5	701.5	666.9	652.2	631.3	592.5	554.7
52.5°	960.5	842.0	794.9	746.6	681.6	639.7	609.2	592.5	575.7	547.4	511.7
55°	879.8	771.8	727.7	684.7	619.7	580.9	553.7	535.8	526.4	500.2	474.0
57.5°	802.2	700.5	659.6	619.7	563.1	519.1	501.2	485.5	471.9	453.0	431.0
60°	723.5	631.3	587.2	551.6	502.3	462.4	447.8	432.0	421.5	406.9	391.1
62.5°	633.4	554.7	521.2	487.6	445.7	414.2	397.4	384.8	371.2	361.8	348.1
65°	537.9	482.4	449.9	424.7	384.8	356.5	343.9	335.6	324.0	314.6	304.1
67.5°	448.8	404.8	391.1	363.9	333.5	308.3	298.9	288.4	278.9	273.7	264.3
70°	362.8	331.4	317.7	310.4	276.8	260.1	251.7	247.5	235.9	230.7	224.4
72.5°	281.0	269.5	260.1	250.6	228.6	218.1	208.7	204.5	196.1	191.9	189.8
75°	207.6	200.3	195.0	194.0	184.6	174.1	164.6	162.5	156.2	152.0	150.0
77.5°	145.8	143.7	142.6	143.7	137.4	131.1	129.0	126.9	119.5	118.5	118.5
80°	95.4	100.7	100.7	99.6	97.5	96.5	93.3	91.2	87.0	86.0	87.0
82.5°	58.7	61.9	62.9	65.0	64.0	62.9	60.8	59.8	60.8	58.7	59.8
85°	29.4	31.5	35.7	35.7	36.7	36.7	36.7	35.7	33.6	34.6	33.6
87.5°	11.5	12.6	12.6	12.6	11.5	14.7	15.7	15.7	15.7	13.6	13.6
90°	5.2	4.5	4.1	3.7	2.9	2.1	1.3	0.5	1.3	2.1	2.9
92.5°	17.5	16.6	16.1	15.8	15.3	14.8	14.3	13.8	14.3	14.8	15.3
95°	32.3	31.3	30.8	30.7	30.5	30.3	30.1	29.9	30.1	30.3	30.5
97.5°	48.6	47.2	46.5	46.4	46.3	46.2	46.1	46.0	46.1	46.2	46.3
100°	66.4	65.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
102.5°	87.3	86.8	86.5	86.2	85.7	85.2	84.7	84.2	84.7	85.2	85.7
105°	108.1	107.5	107.2	106.9	106.4	105.9	105.4	104.9	105.4	105.9	106.4
107.5°	130.5	130.0	129.7	129.4	128.9	128.4	127.9	127.4	127.9	128.4	128.9
110°	153.7	153.4	153.2	152.9	152.4	151.9	151.4	150.9	151.4	151.9	152.4

TEST NUMBER: P1036133

CATALOG NUMBER: S125RDIW-B850D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	176.4	176.0	175.8	175.7	175.5	175.2	175.0	174.8	175.0	175.2	175.5
115°	200.4	200.2	200.1	199.9	199.5	199.1	198.7	198.3	198.7	199.1	199.5
117.5°	223.0	222.8	222.7	222.6	222.5	222.4	222.3	222.2	222.3	222.4	222.5
120°	246.8	246.7	246.6	246.3	245.8	245.3	244.8	244.3	244.8	245.3	245.8
122.5°	269.2	268.9	268.7	268.6	268.5	268.4	268.3	268.2	268.3	268.4	268.5
125°	292.3	292.2	292.2	291.9	291.3	290.6	290.0	289.4	290.0	290.6	291.3
127.5°	314.4	314.3	314.2	314.1	313.8	313.5	313.2	312.9	313.2	313.5	313.8
130°	336.2	336.0	335.9	335.6	335.1	334.6	334.1	333.6	334.1	334.6	335.1
132.5°	358.3	358.4	358.4	357.9	357.0	356.1	355.2	354.3	355.2	356.1	357.0
135°	379.3	379.2	379.1	378.8	378.2	377.6	377.0	376.4	377.0	377.6	378.2
137.5°	400.1	399.9	399.8	399.5	398.9	398.3	397.7	397.1	397.7	398.3	398.9
140°	419.6	419.3	419.2	418.9	418.4	417.9	417.4	416.9	417.4	417.9	418.4
142.5°	439.1	438.7	438.5	438.3	437.9	437.4	437.0	436.6	437.0	437.4	437.9
145°	458.3	458.0	457.8	457.6	457.2	456.8	456.4	456.0	456.4	456.8	457.2
147.5°	475.6	475.4	475.3	475.1	474.8	474.5	474.2	473.9	474.2	474.5	474.8
150°	492.0	491.6	491.4	491.4	491.5	491.6	491.7	491.8	491.7	491.6	491.5
152.5°	507.7	507.6	507.5	507.4	507.2	507.0	506.8	506.6	506.8	507.0	507.2
155°	521.9	521.8	521.8	521.8	521.8	521.8	521.8	521.8	521.8	521.8	521.8
157.5°	534.8	534.7	534.6	534.7	534.9	535.2	535.4	535.6	535.4	535.2	534.9
160°	546.3	546.2	546.1	546.3	546.6	546.9	547.2	547.5	547.2	546.9	546.6
162.5°	557.2	557.2	557.2	557.3	557.5	557.7	557.9	558.1	557.9	557.7	557.5
165°	566.5	566.4	566.4	566.5	566.7	566.9	567.1	567.3	567.1	566.9	566.7
167.5°	573.7	573.7	573.7	573.9	574.3	574.8	575.2	575.6	575.2	574.8	574.3
170°	580.2	580.2	580.2	580.4	580.8	581.2	581.6	582.0	581.6	581.2	580.8
172.5°	584.8	584.8	584.8	585.0	585.4	585.8	586.2	586.6	586.2	585.8	585.4
175°	588.0	588.0	588.0	588.2	588.6	589.1	589.5	589.9	589.5	589.1	588.6
177.5°	590.2	590.3	590.3	590.5	590.9	591.4	591.8	592.2	591.8	591.4	590.9
180°	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2

TEST NUMBER: P1036133

CATALOG NUMBER: S125RDIW-B850D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2
2.5°	1260.4	1256.2	1253.1	1250.0	1236.3	1221.6	1219.5	1216.4	1210.1	1217.4	1214.3
5°	1227.9	1218.5	1213.2	1199.6	1182.8	1170.3	1159.8	1147.2	1141.9	1137.7	1136.7
7.5°	1188.1	1179.7	1170.3	1156.6	1135.7	1114.7	1098.9	1086.4	1075.9	1070.6	1070.6
10°	1149.3	1138.8	1126.2	1103.1	1083.2	1057.0	1040.2	1027.6	1013.0	1004.6	997.2
12.5°	1109.4	1097.9	1086.4	1057.0	1033.9	1006.7	982.6	966.8	959.5	950.0	937.5
15°	1069.6	1051.8	1040.2	1010.9	981.5	954.2	938.5	921.7	905.0	895.5	891.3
17.5°	1027.6	1015.1	996.2	964.7	932.2	908.1	885.0	869.3	849.4	839.9	830.5
20°	989.9	971.0	952.1	920.7	889.2	856.7	833.6	814.8	802.2	794.9	786.5
22.5°	944.8	927.0	911.2	877.7	843.1	812.7	787.5	776.0	763.4	751.9	743.5
25°	906.0	888.2	872.4	835.7	798.0	769.7	750.8	736.1	722.5	717.3	708.9
27.5°	865.1	848.3	827.4	790.7	757.1	733.0	713.1	699.4	688.9	678.5	672.2
30°	826.3	807.4	788.6	748.7	721.4	697.3	678.5	661.7	653.3	648.0	637.6
32.5°	788.6	764.4	748.7	712.0	685.8	662.7	647.0	632.3	621.8	612.4	604.0
35°	747.7	721.4	705.7	675.3	648.0	625.0	611.3	600.9	588.3	579.9	575.7
37.5°	708.9	686.8	671.1	639.7	612.4	593.5	578.8	565.2	560.0	548.4	546.3
40°	666.9	648.0	633.4	603.0	577.8	563.1	547.4	534.8	525.4	520.1	512.8
42.5°	629.2	613.4	597.7	569.4	545.3	527.5	515.9	504.4	496.0	487.6	482.4
45°	594.6	577.8	563.1	535.8	511.7	496.0	484.5	470.8	468.7	457.2	452.0
47.5°	557.9	543.2	530.6	502.3	480.3	464.5	450.9	441.5	432.0	427.8	420.5
50°	522.2	507.5	492.8	467.7	447.8	432.0	418.4	407.9	402.7	396.4	390.1
52.5°	483.4	471.9	460.3	434.1	414.2	400.6	389.0	375.4	370.2	364.9	360.7
55°	450.9	434.1	421.5	399.5	381.7	367.0	354.4	343.9	338.7	334.5	329.3
57.5°	406.9	396.4	385.9	366.0	349.2	334.5	321.9	313.5	307.2	304.1	305.1
60°	369.1	357.6	351.3	330.3	313.5	302.0	290.5	282.1	275.8	272.6	271.6
62.5°	329.3	320.9	309.3	294.7	277.9	267.4	259.0	252.7	242.2	241.2	238.0
65°	290.5	284.2	273.7	260.1	246.4	237.0	227.5	219.2	215.0	209.7	206.6
67.5°	252.7	246.4	237.0	225.5	216.0	206.6	198.2	189.8	182.5	178.3	176.2
70°	216.0	210.8	204.5	190.8	179.3	172.0	165.7	160.4	153.1	151.0	150.0
72.5°	180.4	175.1	172.0	160.4	150.0	143.7	137.4	132.1	129.0	127.9	124.8
75°	147.9	142.6	138.4	127.9	121.6	117.4	111.2	109.1	105.9	104.9	103.8
77.5°	115.3	110.1	109.1	101.7	94.4	92.3	90.2	86.0	86.0	86.0	83.9
80°	82.8	81.8	80.7	73.4	70.3	68.2	67.1	64.0	61.9	59.8	58.7
82.5°	55.6	54.5	53.5	50.3	47.2	46.1	45.1	43.0	43.0	44.0	41.9
85°	33.6	31.5	30.4	29.4	27.3	27.3	28.3	27.3	27.3	27.3	26.2
87.5°	12.6	12.6	12.6	12.6	13.6	11.5	12.6	12.6	11.5	11.5	10.5
90°	3.7	4.1	4.5	5.2	5.9	6.7	7.4	7.9	8.4	8.9	9.4
92.5°	15.8	16.1	16.6	17.5	18.4	19.3	20.2	20.9	21.7	22.4	23.1
95°	30.7	30.8	31.3	32.3	33.4	34.4	35.4	36.1	36.8	37.5	38.2
97.5°	46.4	46.5	47.2	48.6	50.1	51.5	52.9	53.5	54.1	54.8	55.4
100°	64.4	64.4	65.1	66.4	67.7	69.1	70.4	71.3	72.2	73.1	74.0
102.5°	86.2	86.5	86.8	87.3	87.8	88.3	88.8	89.8	90.8	91.9	92.9
105°	106.9	107.2	107.5	108.1	108.8	109.4	110.0	110.6	111.2	111.8	112.4
107.5°	129.4	129.7	130.0	130.5	131.0	131.5	132.0	132.3	132.6	132.9	133.2
110°	152.9	153.2	153.4	153.7	154.0	154.3	154.6	154.9	155.2	155.5	155.8

TEST NUMBER: P1036133

CATALOG NUMBER: S125RDIW-B850D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	175.7	175.8	176.0	176.4	176.8	177.2	177.6	177.7	177.8	177.9	178.0
115°	199.9	200.1	200.2	200.4	200.7	200.9	201.1	201.0	200.9	200.8	200.7
117.5°	222.6	222.7	222.8	223.0	223.2	223.4	223.6	223.7	223.8	223.9	224.0
120°	246.3	246.6	246.7	246.8	246.9	247.0	247.1	247.1	247.1	247.1	247.1
122.5°	268.6	268.7	268.9	269.2	269.5	269.8	270.1	270.0	269.9	269.8	269.7
125°	291.9	292.2	292.2	292.3	292.4	292.5	292.6	292.4	292.2	292.0	291.8
127.5°	314.1	314.2	314.3	314.4	314.5	314.6	314.7	314.6	314.5	314.4	314.3
130°	335.6	335.9	336.0	336.2	336.4	336.6	336.8	336.7	336.6	336.5	336.4
132.5°	357.9	358.4	358.4	358.3	358.2	358.1	358.0	357.9	357.8	357.7	357.6
135°	378.8	379.1	379.2	379.3	379.4	379.5	379.6	379.6	379.6	379.6	379.6
137.5°	399.5	399.8	399.9	400.1	400.3	400.5	400.7	400.8	400.9	401.0	401.1
140°	418.9	419.2	419.3	419.6	419.9	420.2	420.5	420.7	420.9	421.2	421.4
142.5°	438.3	438.5	438.7	439.1	439.5	439.9	440.3	440.4	440.5	440.6	440.7
145°	457.6	457.8	458.0	458.3	458.6	458.9	459.2	459.2	459.2	459.2	459.2
147.5°	475.1	475.3	475.4	475.6	475.8	476.0	476.2	476.5	476.8	477.1	477.4
150°	491.4	491.4	491.6	492.0	492.4	492.8	493.2	493.2	493.2	493.2	493.2
152.5°	507.4	507.5	507.6	507.7	507.8	507.9	508.0	508.3	508.6	508.9	509.2
155°	521.8	521.8	521.8	521.9	522.0	522.1	522.2	522.6	523.0	523.5	523.9
157.5°	534.7	534.6	534.7	534.8	534.9	535.0	535.1	535.5	535.9	536.3	536.7
160°	546.3	546.1	546.2	546.3	546.4	546.5	546.6	547.0	547.4	547.8	548.2
162.5°	557.3	557.2	557.2	557.2	557.2	557.2	557.2	557.7	558.2	558.7	559.2
165°	566.5	566.4	566.4	566.5	566.6	566.7	566.8	567.2	567.6	568.1	568.5
167.5°	573.9	573.7	573.7	573.7	573.7	573.7	573.7	574.3	574.9	575.6	576.2
170°	580.4	580.2	580.2	580.2	580.2	580.2	580.2	580.8	581.4	582.0	582.6
172.5°	585.0	584.8	584.8	584.8	584.8	584.8	584.8	585.4	586.0	586.7	587.3
175°	588.2	588.0	588.0	588.0	588.0	588.0	588.0	588.6	589.2	589.9	590.5
177.5°	590.5	590.3	590.3	590.2	590.1	590.0	589.9	590.5	591.1	591.7	592.3
180°	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2

TEST NUMBER: P1036133

CATALOG NUMBER: S125RDIW-B850D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2
2.5°	1209.1	1211.2	1205.9	1203.8	1199.6	1204.9	1205.9	1204.9	1214.3	1210.1	1212.2
5°	1138.8	1134.6	1131.5	1124.1	1124.1	1125.2	1128.3	1123.1	1126.2	1133.6	1132.5
7.5°	1061.2	1059.1	1060.2	1051.8	1045.5	1047.6	1045.5	1054.9	1060.2	1058.1	1062.2
10°	990.9	995.1	985.7	981.5	977.3	981.5	980.5	982.6	988.8	993.0	1000.4
12.5°	934.3	933.3	928.0	923.8	916.5	918.6	924.9	922.8	923.8	933.3	932.2
15°	880.8	874.5	870.4	860.9	863.0	855.7	862.0	869.3	872.4	880.8	886.1
17.5°	827.4	826.3	821.1	820.0	808.5	805.3	811.6	813.7	816.9	821.1	828.4
20°	782.3	781.2	773.9	771.8	762.3	768.6	766.5	770.7	772.8	781.2	784.4
22.5°	741.4	736.1	734.0	730.9	727.7	726.7	730.9	729.8	737.2	740.3	741.4
25°	703.6	699.4	698.4	693.1	691.0	687.9	691.0	694.2	702.6	705.7	709.9
27.5°	669.0	665.9	663.8	659.6	656.4	656.4	658.5	662.7	665.9	668.0	670.1
30°	637.6	635.5	629.2	627.1	623.9	623.9	623.9	626.0	631.3	637.6	640.7
32.5°	605.1	600.9	596.7	596.7	593.5	593.5	594.6	596.7	601.9	603.0	608.2
35°	573.6	569.4	566.3	564.2	565.2	561.0	563.1	566.3	572.5	574.6	577.8
37.5°	543.2	542.1	535.8	532.7	534.8	534.8	533.7	535.8	540.0	544.2	546.3
40°	509.6	507.5	507.5	504.4	505.4	501.2	504.4	506.5	508.6	512.8	515.9
42.5°	480.3	478.2	474.0	475.0	471.9	471.9	474.0	475.0	478.2	483.4	485.5
45°	448.8	448.8	446.7	443.6	444.6	441.5	443.6	444.6	448.8	454.1	452.0
47.5°	418.4	417.3	417.3	413.2	415.3	412.1	415.3	416.3	418.4	421.5	420.5
50°	389.0	385.9	386.9	385.9	384.8	384.8	386.9	386.9	389.0	389.0	392.2
52.5°	358.6	358.6	356.5	357.6	359.7	357.6	360.7	357.6	359.7	360.7	362.8
55°	331.4	329.3	330.3	329.3	333.5	330.3	333.5	331.4	333.5	332.4	334.5
57.5°	302.0	298.9	299.9	298.9	302.0	301.0	304.1	301.0	302.0	303.1	306.2
60°	268.4	268.4	268.4	266.3	269.5	269.5	268.4	268.4	272.6	274.7	273.7
62.5°	237.0	235.9	232.8	231.7	232.8	230.7	234.9	233.8	235.9	238.0	240.1
65°	202.4	200.3	199.2	197.1	197.1	196.1	197.1	201.3	202.4	203.4	208.7
67.5°	174.1	173.0	172.0	168.8	168.8	170.9	170.9	170.9	177.2	174.1	178.3
70°	148.9	146.8	144.7	143.7	143.7	144.7	145.8	146.8	145.8	150.0	151.0
72.5°	124.8	125.8	123.7	123.7	123.7	122.7	122.7	124.8	125.8	124.8	125.8
75°	103.8	103.8	102.8	103.8	103.8	102.8	102.8	104.9	104.9	103.8	107.0
77.5°	83.9	82.8	80.7	78.6	79.7	78.6	79.7	78.6	81.8	84.9	82.8
80°	58.7	57.7	57.7	57.7	58.7	57.7	59.8	57.7	58.7	58.7	59.8
82.5°	41.9	43.0	43.0	41.9	43.0	41.9	43.0	43.0	43.0	41.9	43.0
85°	27.3	27.3	27.3	27.3	26.2	27.3	27.3	27.3	28.3	27.3	28.3
87.5°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	12.6	11.5	12.6
90°	9.7	9.8	10.1	10.4	10.7	11.0	10.7	10.4	10.1	9.8	9.7
92.5°	23.5	23.6	23.8	24.0	24.2	24.4	24.2	24.0	23.8	23.6	23.5
95°	38.6	38.7	38.9	39.2	39.4	39.6	39.4	39.2	38.9	38.7	38.6
97.5°	55.7	55.7	55.8	55.9	56.0	56.1	56.0	55.9	55.8	55.7	55.7
100°	74.5	74.6	74.8	75.1	75.3	75.5	75.3	75.1	74.8	74.6	74.5
102.5°	93.4	93.6	93.9	94.2	94.5	94.8	94.5	94.2	93.9	93.6	93.4
105°	112.7	112.9	113.2	113.5	113.8	114.1	113.8	113.5	113.2	112.9	112.7
107.5°	133.4	133.4	133.4	133.4	133.4	133.4	133.4	133.4	133.4	133.4	133.4
110°	156.0	155.9	155.8	155.7	155.6	155.5	155.6	155.7	155.8	155.9	156.0



TEST NUMBER: P1036133

CATALOG NUMBER: S125RDIW-B850D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	178.1	178.0	177.8	177.5	177.3	177.1	177.3	177.5	177.8	178.0	178.1
115°	200.6	200.5	200.4	200.3	200.2	200.1	200.2	200.3	200.4	200.5	200.6
117.5°	224.1	223.9	223.5	223.0	222.6	222.2	222.6	223.0	223.5	223.9	224.1
120°	247.1	246.9	246.5	246.0	245.6	245.2	245.6	246.0	246.5	246.9	247.1
122.5°	269.6	269.4	269.1	268.8	268.5	268.2	268.5	268.8	269.1	269.4	269.6
125°	291.7	291.6	291.5	291.4	291.3	291.2	291.3	291.4	291.5	291.6	291.7
127.5°	314.2	314.1	313.9	313.7	313.5	313.3	313.5	313.7	313.9	314.1	314.2
130°	336.3	336.2	336.0	335.8	335.6	335.4	335.6	335.8	336.0	336.2	336.3
132.5°	357.5	357.3	357.0	356.7	356.4	356.1	356.4	356.7	357.0	357.3	357.5
135°	379.6	379.4	379.0	378.5	378.1	377.7	378.1	378.5	379.0	379.4	379.6
137.5°	401.2	400.9	400.4	399.9	399.4	398.9	399.4	399.9	400.4	400.9	401.2
140°	421.5	421.2	420.7	420.2	419.7	419.2	419.7	420.2	420.7	421.2	421.5
142.5°	440.8	440.5	440.0	439.5	439.0	438.5	439.0	439.5	440.0	440.5	440.8
145°	459.2	459.0	458.7	458.4	458.1	457.8	458.1	458.4	458.7	459.0	459.2
147.5°	477.6	477.2	476.4	475.5	474.7	473.9	474.7	475.5	476.4	477.2	477.6
150°	493.2	493.1	492.9	492.7	492.5	492.3	492.5	492.7	492.9	493.1	493.2
152.5°	509.3	509.1	508.7	508.3	507.9	507.5	507.9	508.3	508.7	509.1	509.3
155°	524.1	523.8	523.3	522.8	522.3	521.8	522.3	522.8	523.3	523.8	524.1
157.5°	536.9	536.5	535.8	535.1	534.4	533.7	534.4	535.1	535.8	536.5	536.9
160°	548.4	548.1	547.6	547.1	546.6	546.1	546.6	547.1	547.6	548.1	548.4
162.5°	559.5	559.2	558.6	557.9	557.3	556.7	557.3	557.9	558.6	559.2	559.5
165°	568.7	568.4	567.8	567.1	566.5	565.9	566.5	567.1	567.8	568.4	568.7
167.5°	576.5	576.2	575.6	574.9	574.3	573.7	574.3	574.9	575.6	576.2	576.5
170°	582.9	582.5	581.8	581.1	580.4	579.7	580.4	581.1	581.8	582.5	582.9
172.5°	587.6	587.3	586.7	586.0	585.4	584.8	585.4	586.0	586.7	587.3	587.6
175°	590.8	590.4	589.7	589.0	588.3	587.6	588.3	589.0	589.7	590.4	590.8
177.5°	592.6	592.2	591.5	590.8	590.1	589.4	590.1	590.8	591.5	592.2	592.6
180°	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2

TEST NUMBER: P1036133

CATALOG NUMBER: S125RDIW-B850D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2	1277.2
2.5°	1208.0	1213.2	1209.1	1205.9	1214.3	1218.5	1218.5	1225.8	1233.2	1239.5	1240.5
5°	1133.6	1141.9	1144.0	1143.0	1155.6	1161.9	1175.5	1182.8	1193.3	1200.7	1209.1
7.5°	1065.4	1076.9	1078.0	1080.1	1098.9	1109.4	1121.0	1139.8	1154.5	1165.0	1174.5
10°	997.2	1004.6	1011.9	1021.4	1040.2	1058.1	1074.8	1094.8	1113.6	1124.1	1137.7
12.5°	945.9	951.1	959.5	965.8	985.7	1001.4	1023.4	1050.7	1078.0	1086.4	1103.1
15°	892.4	895.5	912.3	918.6	935.4	961.6	975.2	1001.4	1030.8	1046.5	1065.4
17.5°	830.5	849.4	859.9	867.2	888.2	909.2	931.2	958.4	996.2	1010.9	1024.5
20°	786.5	800.1	811.6	821.1	839.9	871.4	891.3	913.3	949.0	965.8	985.7
22.5°	747.7	759.2	769.7	780.2	792.8	821.1	844.1	874.5	910.2	925.9	949.0
25°	711.0	722.5	728.8	741.4	758.1	778.1	805.3	832.6	868.3	886.1	908.1
27.5°	675.3	686.8	698.4	708.9	720.4	739.3	758.1	792.8	829.5	850.4	869.3
30°	644.9	650.1	660.6	672.2	683.7	701.5	723.5	747.7	789.6	808.5	831.6
32.5°	611.3	620.8	628.1	636.5	651.2	665.9	685.8	716.2	749.8	767.6	792.8
35°	579.9	588.3	593.5	608.2	617.6	633.4	653.3	680.6	708.9	728.8	750.8
37.5°	549.5	557.9	564.2	572.5	585.1	598.8	619.7	639.7	673.2	690.0	715.2
40°	518.0	525.4	532.7	542.1	553.7	570.4	583.0	608.2	635.5	654.3	673.2
42.5°	487.6	491.8	500.2	510.7	522.2	536.9	554.7	574.6	601.9	618.7	635.5
45°	455.1	462.4	471.9	479.2	489.7	504.4	520.1	537.9	565.2	582.0	599.8
47.5°	424.7	429.9	436.2	447.8	461.4	471.9	488.7	505.4	530.6	546.3	563.1
50°	393.2	398.5	407.9	415.3	425.7	439.4	455.1	472.9	497.0	507.5	524.3
52.5°	363.9	366.0	375.4	382.7	393.2	409.0	421.5	437.3	460.3	471.9	488.7
55°	334.5	336.6	341.8	349.2	360.7	373.3	386.9	404.8	424.7	435.2	450.9
57.5°	304.1	306.2	311.4	316.7	328.2	339.8	355.5	370.2	390.1	399.5	414.2
60°	273.7	273.7	278.9	286.3	294.7	305.1	318.8	336.6	351.3	362.8	373.3
62.5°	241.2	244.3	247.5	252.7	262.2	274.7	286.3	298.9	316.7	325.1	334.5
65°	208.7	211.8	218.1	223.4	230.7	239.1	253.8	264.3	277.9	287.3	295.7
67.5°	180.4	183.5	187.7	194.0	199.2	208.7	219.2	229.6	244.3	250.6	256.9
70°	151.0	154.1	157.3	165.7	170.9	178.3	185.6	196.1	208.7	212.9	218.1
72.5°	127.9	129.0	133.2	135.3	142.6	148.9	157.3	163.6	173.0	178.3	182.5
75°	108.0	108.0	109.1	111.2	115.3	119.5	125.8	132.1	140.5	143.7	148.9
77.5°	84.9	88.1	87.0	89.1	91.2	93.3	98.6	102.8	111.2	113.3	115.3
80°	60.8	61.9	65.0	68.2	68.2	71.3	74.5	75.5	80.7	83.9	83.9
82.5°	44.0	45.1	44.0	45.1	46.1	47.2	50.3	54.5	54.5	55.6	57.7
85°	27.3	27.3	28.3	29.4	29.4	28.3	30.4	29.4	30.4	32.5	32.5
87.5°	13.6	12.6	12.6	12.6	12.6	12.6	13.6	12.6	13.6	13.6	13.6
90°	9.4	8.9	8.4	7.9	7.4	6.7	5.9	5.2	4.5	4.1	3.7
92.5°	23.1	22.4	21.7	20.9	20.2	19.3	18.4	17.5	16.6	16.1	15.8
95°	38.2	37.5	36.8	36.1	35.4	34.4	33.4	32.3	31.3	30.8	30.7
97.5°	55.4	54.8	54.1	53.5	52.9	51.5	50.1	48.6	47.2	46.5	46.4
100°	74.0	73.1	72.2	71.3	70.4	69.1	67.7	66.4	65.1	64.4	64.4
102.5°	92.9	91.9	90.8	89.8	88.8	88.3	87.8	87.3	86.8	86.5	86.2
105°	112.4	111.8	111.2	110.6	110.0	109.4	108.8	108.1	107.5	107.2	106.9
107.5°	133.2	132.9	132.6	132.3	132.0	131.5	131.0	130.5	130.0	129.7	129.4
110°	155.8	155.5	155.2	154.9	154.6	154.3	154.0	153.7	153.4	153.2	152.9

TEST NUMBER: P1036133

CATALOG NUMBER: S125RDIW-B850D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	178.0	177.9	177.8	177.7	177.6	177.2	176.8	176.4	176.0	175.8	175.7
115°	200.7	200.8	200.9	201.0	201.1	200.9	200.7	200.4	200.2	200.1	199.9
117.5°	224.0	223.9	223.8	223.7	223.6	223.4	223.2	223.0	222.8	222.7	222.6
120°	247.1	247.1	247.1	247.1	247.1	247.0	246.9	246.8	246.7	246.6	246.3
122.5°	269.7	269.8	269.9	270.0	270.1	269.8	269.5	269.2	268.9	268.7	268.6
125°	291.8	292.0	292.2	292.4	292.6	292.5	292.4	292.3	292.2	292.2	291.9
127.5°	314.3	314.4	314.5	314.6	314.7	314.6	314.5	314.4	314.3	314.2	314.1
130°	336.4	336.5	336.6	336.7	336.8	336.6	336.4	336.2	336.0	335.9	335.6
132.5°	357.6	357.7	357.8	357.9	358.0	358.1	358.2	358.3	358.4	358.4	357.9
135°	379.6	379.6	379.6	379.6	379.6	379.5	379.4	379.3	379.2	379.1	378.8
137.5°	401.1	401.0	400.9	400.8	400.7	400.5	400.3	400.1	399.9	399.8	399.5
140°	421.4	421.2	420.9	420.7	420.5	420.2	419.9	419.6	419.3	419.2	418.9
142.5°	440.7	440.6	440.5	440.4	440.3	439.9	439.5	439.1	438.7	438.5	438.3
145°	459.2	459.2	459.2	459.2	459.2	458.9	458.6	458.3	458.0	457.8	457.6
147.5°	477.4	477.1	476.8	476.5	476.2	476.0	475.8	475.6	475.4	475.3	475.1
150°	493.2	493.2	493.2	493.2	493.2	492.8	492.4	492.0	491.6	491.4	491.4
152.5°	509.2	508.9	508.6	508.3	508.0	507.9	507.8	507.7	507.6	507.5	507.4
155°	523.9	523.5	523.0	522.6	522.2	522.1	522.0	521.9	521.8	521.8	521.8
157.5°	536.7	536.3	535.9	535.5	535.1	535.0	534.9	534.8	534.7	534.6	534.7
160°	548.2	547.8	547.4	547.0	546.6	546.5	546.4	546.3	546.2	546.1	546.3
162.5°	559.2	558.7	558.2	557.7	557.2	557.2	557.2	557.2	557.2	557.2	557.3
165°	568.5	568.1	567.6	567.2	566.8	566.7	566.6	566.5	566.4	566.4	566.5
167.5°	576.2	575.6	574.9	574.3	573.7	573.7	573.7	573.7	573.7	573.7	573.9
170°	582.6	582.0	581.4	580.8	580.2	580.2	580.2	580.2	580.2	580.2	580.4
172.5°	587.3	586.7	586.0	585.4	584.8	584.8	584.8	584.8	584.8	584.8	585.0
175°	590.5	589.9	589.2	588.6	588.0	588.0	588.0	588.0	588.0	588.0	588.2
177.5°	592.3	591.7	591.1	590.5	589.9	590.0	590.1	590.2	590.3	590.3	590.5
180°	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2	591.2

TEST NUMBER: P1036133

CATALOG NUMBER: S125RDIW-B850D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1277.2	1277.2	1277.2	1277.2
2.5°	1247.9	1257.3	1266.7	1278.3
5°	1222.7	1239.5	1257.3	1274.1
7.5°	1195.4	1219.5	1242.6	1266.7
10°	1165.0	1195.4	1221.6	1255.2
12.5°	1131.5	1164.0	1200.7	1238.4
15°	1097.9	1138.8	1177.6	1220.6
17.5°	1066.4	1105.2	1148.2	1199.6
20°	1028.7	1071.7	1119.9	1174.5
22.5°	988.8	1036.0	1088.5	1147.2
25°	955.3	1003.5	1053.9	1115.7
27.5°	918.6	968.9	1018.2	1084.3
30°	876.6	931.2	981.5	1049.7
32.5°	836.8	891.3	946.9	1010.9
35°	798.0	851.5	907.1	972.1
37.5°	761.3	809.5	864.1	922.8
40°	726.7	770.7	819.0	872.4
42.5°	682.6	734.0	779.1	817.9
45°	644.9	686.8	728.8	760.2
47.5°	600.9	642.8	678.5	703.6
50°	564.2	597.7	627.1	649.1
52.5°	520.1	551.6	575.7	592.5
55°	477.1	504.4	525.4	536.9
57.5°	438.3	456.1	471.9	482.4
60°	395.3	409.0	422.6	434.1
62.5°	349.2	363.9	371.2	383.8
65°	308.3	317.7	329.3	333.5
67.5°	268.4	273.7	281.0	289.4
70°	226.5	229.6	237.0	248.5
72.5°	189.8	192.9	198.2	202.4
75°	151.0	154.1	158.3	162.5
77.5°	118.5	119.5	121.6	125.8
80°	86.0	89.1	91.2	92.3
82.5°	59.8	60.8	60.8	61.9
85°	37.8	35.7	35.7	36.7
87.5°	13.6	15.7	15.7	17.8
90°	2.9	2.1	1.3	0.5
92.5°	15.3	14.8	14.3	13.8
95°	30.5	30.3	30.1	29.9
97.5°	46.3	46.2	46.1	46.0
100°	64.4	64.4	64.4	64.4
102.5°	85.7	85.2	84.7	84.2
105°	106.4	105.9	105.4	104.9
107.5°	128.9	128.4	127.9	127.4
110°	152.4	151.9	151.4	150.9



TEST NUMBER: P1036133

CATALOG NUMBER: S125RDIW-B850D470UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	175.5	175.2	175.0	174.8
115°	199.5	199.1	198.7	198.3
117.5°	222.5	222.4	222.3	222.2
120°	245.8	245.3	244.8	244.3
122.5°	268.5	268.4	268.3	268.2
125°	291.3	290.6	290.0	289.4
127.5°	313.8	313.5	313.2	312.9
130°	335.1	334.6	334.1	333.6
132.5°	357.0	356.1	355.2	354.3
135°	378.2	377.6	377.0	376.4
137.5°	398.9	398.3	397.7	397.1
140°	418.4	417.9	417.4	416.9
142.5°	437.9	437.4	437.0	436.6
145°	457.2	456.8	456.4	456.0
147.5°	474.8	474.5	474.2	473.9
150°	491.5	491.6	491.7	491.8
152.5°	507.2	507.0	506.8	506.6
155°	521.8	521.8	521.8	521.8
157.5°	534.9	535.2	535.4	535.6
160°	546.6	546.9	547.2	547.5
162.5°	557.5	557.7	557.9	558.1
165°	566.7	566.9	567.1	567.3
167.5°	574.3	574.8	575.2	575.6
170°	580.8	581.2	581.6	582.0
172.5°	585.4	585.8	586.2	586.6
175°	588.6	589.1	589.5	589.9
177.5°	590.9	591.4	591.8	592.2
180°	591.2	591.2	591.2	591.2

(END OF REPORT)