

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: P1034912

Luminaire Tested: S125RDIW-B850D1560UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1034912
REPORT IS A COMBINATION OF REPORTS P1006897 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIW-B850D1560UB2750-4F0-XX-W2A-A_3500K
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

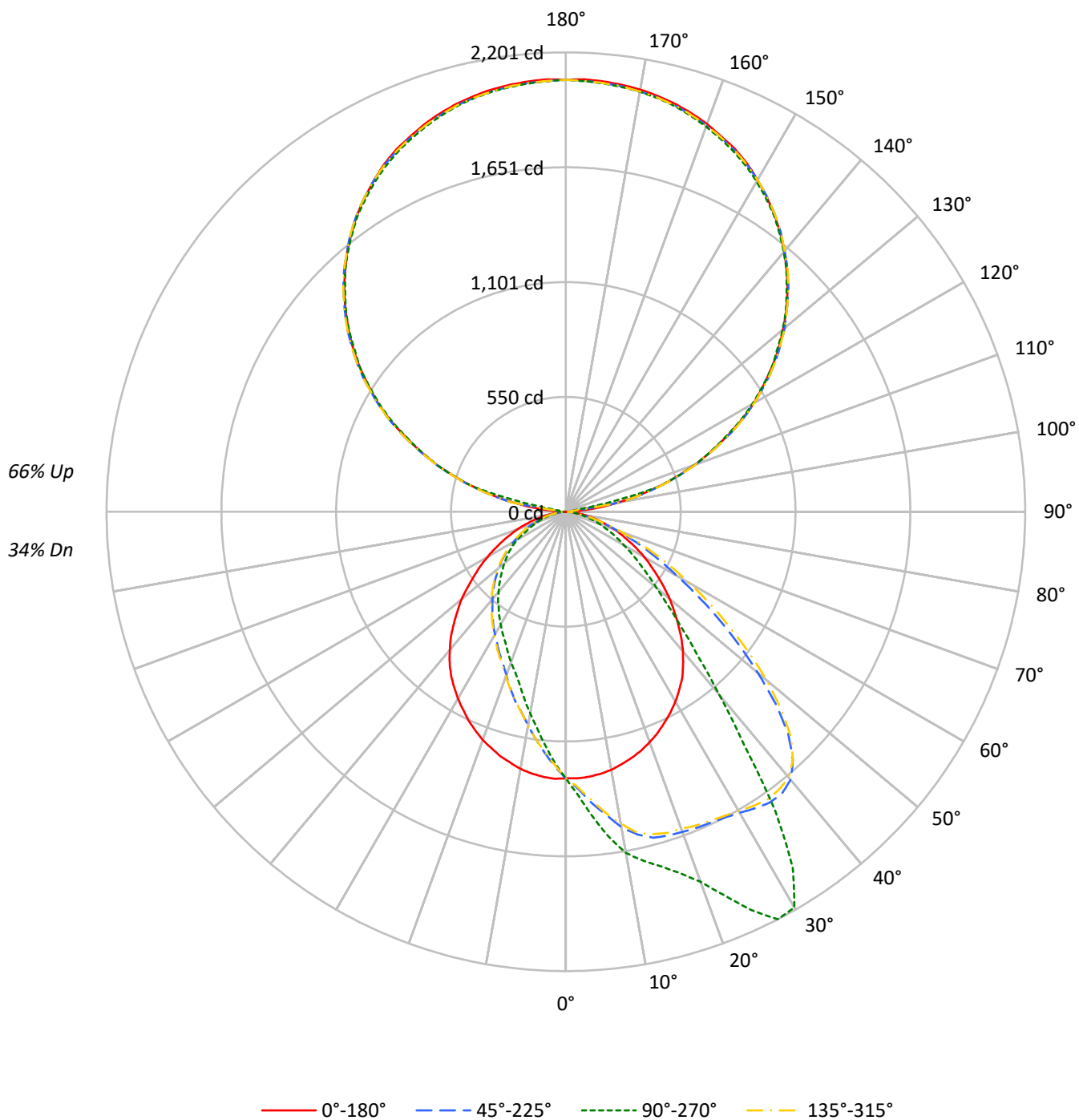
Lumens per Lamp: N/A
Luminaire Lumens: 9669.0 lumens
Efficiency: N/A
Efficacy: 109.7 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 88.1
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
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	103	103	103	103	93	93	93	93	75	75	75	57	57	57	42	42	42			34
1	95	90	87	83	85	82	79	76	66	64	62	51	50	48	37	36	36			29
2	86	79	73	69	78	72	67	63	58	54	51	45	43	41	33	32	30			25
3	79	70	63	57	71	63	57	53	51	47	44	40	37	35	30	28	26			22
4	72	62	54	49	65	56	50	45	46	41	37	36	32	30	27	24	23			19
5	66	55	47	42	60	50	43	38	41	36	32	32	29	26	24	22	20			16
6	61	49	42	36	55	45	38	33	37	32	28	29	25	23	22	19	18			14
7	56	44	37	31	51	41	34	29	33	28	25	26	23	20	20	17	16			13
8	52	40	33	28	47	37	30	26	30	25	22	24	20	18	18	16	14			12
9	49	37	29	25	44	34	27	23	28	23	19	22	19	16	17	14	13			10
10	45	34	27	22	41	31	25	20	25	21	17	20	17	14	16	13	11			9

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	1.3
10°-20°	359.1	3.7
20°-30°	569.3	5.9
30°-40°	688.0	7.1
40°-50°	612.5	6.3
50°-60°	469.7	4.9
60°-70°	305.0	3.2
70°-80°	148.0	1.5
80°-90°	37.9	0.4
90°-100°	70.2	0.7
100°-110°	467.1	4.8
110°-120°	841.1	8.7
120°-130°	1079.5	11.2
130°-140°	1161.1	12.0
140°-150°	1089.7	11.3
150°-160°	881.5	9.1
160°-170°	570.1	5.9
170°-180°	196.6	2.0
0°-30°	1050.9	10.9
0°-40°	1738.9	18.0
0°-60°	2821.1	29.2
0°-90°	3312.1	34.3
90°-120°	1378.3	14.3
90°-150°	4708.7	48.7
90°-180°	6357.0	65.7
0°-180°	9669.0	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°	2	37	2	37	2	7
95°	87	32	87	32	87	107
105°	451	456	451	456	451	478
115°	847	841	847	841	847	839
125°	1204	1204	1204	1204	1204	1076
135°	1502	1496	1502	1496	1502	1158
145°	1741	1737	1741	1737	1741	1089
155°	1918	1904	1918	1904	1918	884
165°	2023	2013	2023	2013	2023	572
175°	2070	2060	2070	2060	2070	197
180°	2070	2070	2070	2070	2070	

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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°	1.5	4.2	7.0	9.7	12.4	13.8	15.0	17.4	19.7	22.1	24.5
92.5°	29.1	26.0	23.0	19.9	16.8	15.3	16.3	18.4	20.4	22.5	24.5
95°	87.4	86.4	85.4	84.3	83.3	82.8	76.3	63.4	50.4	37.5	24.5
97.5°	164.1	166.1	168.2	170.2	172.3	173.3	157.1	124.7	92.4	60.0	27.6
100°	256.2	257.2	258.2	259.3	260.3	260.8	261.5	262.8	264.2	265.5	266.9
102.5°	349.8	351.2	352.5	353.9	355.2	355.9	356.2	356.9	357.6	358.3	359.0
105°	451.0	452.4	453.8	455.1	456.5	457.2	457.2	457.2	457.2	457.2	457.2
107.5°	555.3	555.3	555.3	555.3	555.3	555.3	555.6	556.3	557.0	557.7	558.4
110°	656.6	656.6	656.6	656.6	656.6	656.6	656.9	657.6	658.3	658.9	659.6

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	751.7	752.7	753.7	754.8	755.8	756.3	756.5	756.8	757.1	757.5	757.8
115°	846.8	848.5	850.2	851.9	853.6	854.5	854.7	855.0	855.3	855.7	856.0
117.5°	946.5	946.5	946.5	946.5	946.5	946.5	947.2	948.6	949.9	951.3	952.7
120°	1038.6	1038.2	1037.9	1037.5	1037.2	1037.0	1037.5	1038.5	1039.6	1040.6	1041.6
122.5°	1119.9	1121.6	1123.3	1125.0	1126.7	1127.5	1127.7	1128.0	1128.4	1128.7	1129.1
125°	1204.2	1206.6	1209.0	1211.4	1213.8	1215.0	1215.0	1215.0	1215.0	1215.0	1215.0
127.5°	1285.5	1287.2	1288.9	1290.6	1292.3	1293.2	1293.0	1292.7	1292.4	1292.0	1291.7
130°	1359.2	1360.9	1362.6	1364.3	1366.0	1366.9	1367.1	1367.4	1367.7	1368.1	1368.4
132.5°	1432.8	1434.8	1436.9	1438.9	1441.0	1442.0	1441.5	1440.5	1439.4	1438.4	1437.4
135°	1501.9	1503.9	1506.0	1508.0	1510.1	1511.1	1510.8	1510.1	1509.4	1508.7	1508.0
137.5°	1566.3	1568.3	1570.4	1572.4	1574.5	1575.5	1575.2	1574.5	1573.8	1573.1	1572.4
140°	1629.2	1629.9	1630.5	1631.2	1631.9	1632.2	1632.0	1631.7	1631.4	1631.0	1630.7
142.5°	1685.9	1686.3	1686.6	1687.0	1687.3	1687.5	1687.8	1688.5	1689.2	1689.8	1690.5
145°	1741.2	1741.9	1742.5	1743.2	1743.9	1744.2	1744.2	1744.2	1744.2	1744.2	1744.2
147.5°	1790.3	1790.3	1790.3	1790.3	1790.3	1790.3	1790.5	1790.8	1791.1	1791.5	1791.8
150°	1836.3	1835.6	1834.9	1834.2	1833.5	1833.2	1833.5	1834.2	1834.9	1835.6	1836.3
152.5°	1880.8	1879.1	1877.4	1875.7	1874.0	1873.1	1873.4	1874.1	1874.8	1875.5	1876.2
155°	1917.6	1915.6	1913.5	1911.5	1909.4	1908.4	1908.7	1909.4	1910.1	1910.7	1911.4
157.5°	1946.7	1945.7	1944.7	1943.6	1942.6	1942.1	1942.1	1942.1	1942.1	1942.1	1942.1
160°	1977.4	1975.4	1973.3	1971.3	1969.2	1968.2	1968.4	1968.7	1969.0	1969.4	1969.7
162.5°	2002.0	2000.0	1997.9	1995.9	1993.8	1992.8	1993.0	1993.3	1993.6	1994.0	1994.3
165°	2023.4	2021.4	2019.3	2017.3	2015.2	2014.2	2014.4	2014.7	2015.1	2015.4	2015.8
167.5°	2040.3	2038.3	2036.2	2034.2	2032.1	2031.1	2031.3	2031.6	2031.9	2032.3	2032.6
170°	2054.1	2051.7	2049.3	2047.0	2044.6	2043.4	2043.6	2043.9	2044.2	2044.6	2044.9
172.5°	2063.3	2060.9	2058.5	2056.2	2053.8	2052.6	2052.9	2053.6	2054.3	2054.9	2055.6
175°	2069.5	2067.5	2065.4	2063.4	2061.3	2060.3	2060.5	2060.8	2061.1	2061.5	2061.8
177.5°	2074.1	2072.1	2070.0	2068.0	2065.9	2064.9	2065.1	2065.4	2065.7	2066.1	2066.4
180°	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5

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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°	26.2	27.9	29.6	31.3	32.2	32.7	33.7	34.8	35.8	36.8	35.8
92.5°	26.2	27.9	29.6	31.3	32.2	32.4	32.7	33.0	33.4	33.7	33.4
95°	26.2	27.9	29.6	31.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2
97.5°	28.3	29.0	29.7	30.4	30.7	30.9	31.2	31.5	31.9	32.2	31.9
100°	216.1	165.3	114.6	63.8	38.4	37.7	36.3	35.0	33.6	32.2	33.6
102.5°	359.7	360.3	361.0	361.7	362.0	347.7	319.1	290.4	261.8	233.2	261.8
105°	457.2	457.2	457.2	457.2	457.2	457.0	456.7	456.3	456.0	455.6	456.0
107.5°	558.7	559.1	559.4	559.7	559.9	559.2	557.9	556.5	555.2	553.8	555.2
110°	658.6	657.6	656.5	655.5	655.0	655.2	655.5	655.9	656.2	656.6	656.2

TEST NUMBER: P1034912

CATALOG NUMBER: S125RDIW-B850D1560UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	756.4	755.1	753.7	752.4	751.7	751.4	750.7	750.0	749.3	748.6	749.3
115°	854.6	853.3	851.9	850.6	849.9	848.9	846.8	844.8	842.7	840.7	842.7
117.5°	950.7	948.6	946.6	944.5	943.5	943.2	942.5	941.8	941.1	940.4	941.1
120°	1040.9	1040.3	1039.6	1038.9	1038.6	1037.7	1036.0	1034.3	1032.6	1030.9	1032.6
122.5°	1128.4	1127.7	1127.0	1126.3	1126.0	1125.0	1122.9	1120.9	1118.8	1116.8	1118.8
125°	1213.6	1212.2	1210.9	1209.5	1208.8	1208.3	1207.3	1206.2	1205.2	1204.2	1205.2
127.5°	1291.0	1290.3	1289.6	1288.9	1288.6	1287.2	1284.5	1281.8	1279.0	1276.3	1279.0
130°	1367.4	1366.4	1365.3	1364.3	1363.8	1362.9	1361.2	1359.5	1357.8	1356.1	1357.8
132.5°	1437.4	1437.4	1437.4	1437.4	1437.4	1436.5	1434.8	1433.1	1431.4	1429.7	1431.4
135°	1507.3	1506.6	1505.9	1505.2	1504.9	1503.9	1501.8	1499.8	1497.7	1495.7	1497.7
137.5°	1572.4	1572.4	1572.4	1572.4	1572.4	1571.5	1569.8	1568.1	1566.4	1564.7	1566.4
140°	1631.4	1632.1	1632.8	1633.5	1633.8	1632.8	1630.7	1628.7	1626.6	1624.6	1626.6
142.5°	1690.5	1690.5	1690.5	1690.5	1690.5	1689.5	1687.4	1685.4	1683.3	1681.3	1683.3
145°	1744.6	1744.9	1745.3	1745.6	1745.8	1744.8	1742.7	1740.7	1738.6	1736.6	1738.6
147.5°	1792.1	1792.5	1792.8	1793.1	1793.3	1792.1	1789.7	1787.4	1785.0	1782.6	1785.0
150°	1837.0	1837.6	1838.3	1839.0	1839.3	1837.9	1835.2	1832.5	1829.8	1827.1	1829.8
152.5°	1876.9	1877.5	1878.2	1878.9	1879.2	1878.0	1875.6	1873.3	1870.9	1868.5	1870.9
155°	1912.4	1913.4	1914.5	1915.5	1916.0	1914.6	1911.9	1909.2	1906.5	1903.8	1906.5
157.5°	1943.1	1944.1	1945.2	1946.2	1946.7	1945.3	1942.6	1939.9	1937.2	1934.5	1937.2
160°	1971.1	1972.5	1973.8	1975.2	1975.9	1974.5	1971.8	1969.1	1966.3	1963.6	1966.3
162.5°	1996.3	1998.4	2000.4	2002.5	2003.5	2002.0	1998.9	1995.8	1992.8	1989.7	1992.8
165°	2017.8	2019.9	2021.9	2024.0	2025.0	2023.6	2020.9	2018.2	2015.4	2012.7	2015.4
167.5°	2035.0	2037.4	2039.8	2042.2	2043.4	2041.9	2038.8	2035.7	2032.7	2029.6	2032.7
170°	2047.6	2050.4	2053.1	2055.8	2057.2	2055.7	2052.6	2049.5	2046.5	2043.4	2046.5
172.5°	2058.0	2060.4	2062.8	2065.2	2066.4	2064.9	2061.8	2058.7	2055.7	2052.6	2055.7
175°	2064.5	2067.3	2070.0	2072.7	2074.1	2072.6	2069.5	2066.4	2063.4	2060.3	2063.4
177.5°	2068.8	2071.2	2073.5	2075.9	2077.1	2075.7	2073.0	2070.3	2067.6	2064.9	2067.6
180°	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5

TEST NUMBER: P1034912

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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°	34.8	33.7	32.7	32.2	31.3	29.6	27.9	26.2	24.5	22.1	19.7
92.5°	33.0	32.7	32.4	32.2	31.3	29.6	27.9	26.2	24.5	22.5	20.4
95°	32.2	32.2	32.2	32.2	31.3	29.6	27.9	26.2	24.5	37.5	50.4
97.5°	31.5	31.2	30.9	30.7	30.4	29.7	29.0	28.3	27.6	60.0	92.4
100°	35.0	36.3	37.7	38.4	63.8	114.6	165.3	216.1	266.9	265.5	264.2
102.5°	290.4	319.1	347.7	362.0	361.7	361.0	360.3	359.7	359.0	358.3	357.6
105°	456.3	456.7	457.0	457.2	457.2	457.2	457.2	457.2	457.2	457.2	457.2
107.5°	556.5	557.9	559.2	559.9	559.7	559.4	559.1	558.7	558.4	557.7	557.0
110°	655.9	655.5	655.2	655.0	655.5	656.5	657.6	658.6	659.6	658.9	658.3

TEST NUMBER: P1034912

CATALOG NUMBER: S125RDIW-B850D1560UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	750.0	750.7	751.4	751.7	752.4	753.7	755.1	756.4	757.8	757.5	757.1
115°	844.8	846.8	848.9	849.9	850.6	851.9	853.3	854.6	856.0	855.7	855.3
117.5°	941.8	942.5	943.2	943.5	944.5	946.6	948.6	950.7	952.7	951.3	949.9
120°	1034.3	1036.0	1037.7	1038.6	1038.9	1039.6	1040.3	1040.9	1041.6	1040.6	1039.6
122.5°	1120.9	1122.9	1125.0	1126.0	1126.3	1127.0	1127.7	1128.4	1129.1	1128.7	1128.4
125°	1206.2	1207.3	1208.3	1208.8	1209.5	1210.9	1212.2	1213.6	1215.0	1215.0	1215.0
127.5°	1281.8	1284.5	1287.2	1288.6	1288.9	1289.6	1290.3	1291.0	1291.7	1292.0	1292.4
130°	1359.5	1361.2	1362.9	1363.8	1364.3	1365.3	1366.4	1367.4	1368.4	1368.1	1367.7
132.5°	1433.1	1434.8	1436.5	1437.4	1437.4	1437.4	1437.4	1437.4	1437.4	1438.4	1439.4
135°	1499.8	1501.8	1503.9	1504.9	1505.2	1505.9	1506.6	1507.3	1508.0	1508.7	1509.4
137.5°	1568.1	1569.8	1571.5	1572.4	1572.4	1572.4	1572.4	1572.4	1572.4	1573.1	1573.8
140°	1628.7	1630.7	1632.8	1633.8	1633.5	1632.8	1632.1	1631.4	1630.7	1631.0	1631.4
142.5°	1685.4	1687.4	1689.5	1690.5	1690.5	1690.5	1690.5	1690.5	1690.5	1689.8	1689.2
145°	1740.7	1742.7	1744.8	1745.8	1745.6	1745.3	1744.9	1744.6	1744.2	1744.2	1744.2
147.5°	1787.4	1789.7	1792.1	1793.3	1793.1	1792.8	1792.5	1792.1	1791.8	1791.5	1791.1
150°	1832.5	1835.2	1837.9	1839.3	1839.0	1838.3	1837.6	1837.0	1836.3	1835.6	1834.9
152.5°	1873.3	1875.6	1878.0	1879.2	1878.9	1878.2	1877.5	1876.9	1876.2	1875.5	1874.8
155°	1909.2	1911.9	1914.6	1916.0	1915.5	1914.5	1913.4	1912.4	1911.4	1910.7	1910.1
157.5°	1939.9	1942.6	1945.3	1946.7	1946.2	1945.2	1944.1	1943.1	1942.1	1942.1	1942.1
160°	1969.1	1971.8	1974.5	1975.9	1975.2	1973.8	1972.5	1971.1	1969.7	1969.4	1969.0
162.5°	1995.8	1998.9	2002.0	2003.5	2002.5	2000.4	1998.4	1996.3	1994.3	1994.0	1993.6
165°	2018.2	2020.9	2023.6	2025.0	2024.0	2021.9	2019.9	2017.8	2015.8	2015.4	2015.1
167.5°	2035.7	2038.8	2041.9	2043.4	2042.2	2039.8	2037.4	2035.0	2032.6	2032.3	2031.9
170°	2049.5	2052.6	2055.7	2057.2	2055.8	2053.1	2050.4	2047.6	2044.9	2044.6	2044.2
172.5°	2058.7	2061.8	2064.9	2066.4	2065.2	2062.8	2060.4	2058.0	2055.6	2054.9	2054.3
175°	2066.4	2069.5	2072.6	2074.1	2072.7	2070.0	2067.3	2064.5	2061.8	2061.5	2061.1
177.5°	2070.3	2073.0	2075.7	2077.1	2075.9	2073.5	2071.2	2068.8	2066.4	2066.1	2065.7
180°	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5

TEST NUMBER: P1034912

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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°	17.4	15.0	13.8	12.4	9.7	7.0	4.2	1.5	4.2	7.0	9.7
92.5°	18.4	16.3	15.3	16.8	19.9	23.0	26.0	29.1	26.0	23.0	19.9
95°	63.4	76.3	82.8	83.3	84.3	85.4	86.4	87.4	86.4	85.4	84.3
97.5°	124.7	157.1	173.3	172.3	170.2	168.2	166.1	164.1	166.1	168.2	170.2
100°	262.8	261.5	260.8	260.3	259.3	258.2	257.2	256.2	257.2	258.2	259.3
102.5°	356.9	356.2	355.9	355.2	353.9	352.5	351.2	349.8	351.2	352.5	353.9
105°	457.2	457.2	457.2	456.5	455.1	453.8	452.4	451.0	452.4	453.8	455.1
107.5°	556.3	555.6	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3
110°	657.6	656.9	656.6	656.6	656.6	656.6	656.6	656.6	656.6	656.6	656.6

TEST NUMBER: P1034912

CATALOG NUMBER: S125RDIW-B850D1560UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	756.8	756.5	756.3	755.8	754.8	753.7	752.7	751.7	752.7	753.7	754.8
115°	855.0	854.7	854.5	853.6	851.9	850.2	848.5	846.8	848.5	850.2	851.9
117.5°	948.6	947.2	946.5	946.5	946.5	946.5	946.5	946.5	946.5	946.5	946.5
120°	1038.5	1037.5	1037.0	1037.2	1037.5	1037.9	1038.2	1038.6	1038.2	1037.9	1037.5
122.5°	1128.0	1127.7	1127.5	1126.7	1125.0	1123.3	1121.6	1119.9	1121.6	1123.3	1125.0
125°	1215.0	1215.0	1215.0	1213.8	1211.4	1209.0	1206.6	1204.2	1206.6	1209.0	1211.4
127.5°	1292.7	1293.0	1293.2	1292.3	1290.6	1288.9	1287.2	1285.5	1287.2	1288.9	1290.6
130°	1367.4	1367.1	1366.9	1366.0	1364.3	1362.6	1360.9	1359.2	1360.9	1362.6	1364.3
132.5°	1440.5	1441.5	1442.0	1441.0	1438.9	1436.9	1434.8	1432.8	1434.8	1436.9	1438.9
135°	1510.1	1510.8	1511.1	1510.1	1508.0	1506.0	1503.9	1501.9	1503.9	1506.0	1508.0
137.5°	1574.5	1575.2	1575.5	1574.5	1572.4	1570.4	1568.3	1566.3	1568.3	1570.4	1572.4
140°	1631.7	1632.0	1632.2	1631.9	1631.2	1630.5	1629.9	1629.2	1629.9	1630.5	1631.2
142.5°	1688.5	1687.8	1687.5	1687.3	1687.0	1686.6	1686.3	1685.9	1686.3	1686.6	1687.0
145°	1744.2	1744.2	1744.2	1743.9	1743.2	1742.5	1741.9	1741.2	1741.9	1742.5	1743.2
147.5°	1790.8	1790.5	1790.3	1790.3	1790.3	1790.3	1790.3	1790.3	1790.3	1790.3	1790.3
150°	1834.2	1833.5	1833.2	1833.5	1834.2	1834.9	1835.6	1836.3	1835.6	1834.9	1834.2
152.5°	1874.1	1873.4	1873.1	1874.0	1875.7	1877.4	1879.1	1880.8	1879.1	1877.4	1875.7
155°	1909.4	1908.7	1908.4	1909.4	1911.5	1913.5	1915.6	1917.6	1915.6	1913.5	1911.5
157.5°	1942.1	1942.1	1942.1	1942.6	1943.6	1944.7	1945.7	1946.7	1945.7	1944.7	1943.6
160°	1968.7	1968.4	1968.2	1969.2	1971.3	1973.3	1975.4	1977.4	1975.4	1973.3	1971.3
162.5°	1993.3	1993.0	1992.8	1993.8	1995.9	1997.9	2000.0	2002.0	2000.0	1997.9	1995.9
165°	2014.7	2014.4	2014.2	2015.2	2017.3	2019.3	2021.4	2023.4	2021.4	2019.3	2017.3
167.5°	2031.6	2031.3	2031.1	2032.1	2034.2	2036.2	2038.3	2040.3	2038.3	2036.2	2034.2
170°	2043.9	2043.6	2043.4	2044.6	2047.0	2049.3	2051.7	2054.1	2051.7	2049.3	2047.0
172.5°	2053.6	2052.9	2052.6	2053.8	2056.2	2058.5	2060.9	2063.3	2060.9	2058.5	2056.2
175°	2060.8	2060.5	2060.3	2061.3	2063.4	2065.4	2067.5	2069.5	2067.5	2065.4	2063.4
177.5°	2065.4	2065.1	2064.9	2065.9	2068.0	2070.0	2072.1	2074.1	2072.1	2070.0	2068.0
180°	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5

TEST NUMBER: P1034912

CATALOG NUMBER: S125RDIW-B850D1560UB2750-4F0-XX-W2A-A_3500K

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°	12.4	13.8	15.0	17.4	19.7	22.1	24.5	26.2	27.9	29.6	31.3
92.5°	16.8	15.3	16.3	18.4	20.4	22.5	24.5	26.2	27.9	29.6	31.3
95°	83.3	82.8	76.3	63.4	50.4	37.5	24.5	26.2	27.9	29.6	31.3
97.5°	172.3	173.3	157.1	124.7	92.4	60.0	27.6	28.3	29.0	29.7	30.4
100°	260.3	260.8	261.5	262.8	264.2	265.5	266.9	216.1	165.3	114.6	63.8
102.5°	355.2	355.9	356.2	356.9	357.6	358.3	359.0	359.7	360.3	361.0	361.7
105°	456.5	457.2	457.2	457.2	457.2	457.2	457.2	457.2	457.2	457.2	457.2
107.5°	555.3	555.3	555.6	556.3	557.0	557.7	558.4	558.7	559.1	559.4	559.7
110°	656.6	656.6	656.9	657.6	658.3	658.9	659.6	658.6	657.6	656.5	655.5

TEST NUMBER: P1034912

CATALOG NUMBER: S125RDIW-B850D1560UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	755.8	756.3	756.5	756.8	757.1	757.5	757.8	756.4	755.1	753.7	752.4
115°	853.6	854.5	854.7	855.0	855.3	855.7	856.0	854.6	853.3	851.9	850.6
117.5°	946.5	946.5	947.2	948.6	949.9	951.3	952.7	950.7	948.6	946.6	944.5
120°	1037.2	1037.0	1037.5	1038.5	1039.6	1040.6	1041.6	1040.9	1040.3	1039.6	1038.9
122.5°	1126.7	1127.5	1127.7	1128.0	1128.4	1128.7	1129.1	1128.4	1127.7	1127.0	1126.3
125°	1213.8	1215.0	1215.0	1215.0	1215.0	1215.0	1215.0	1213.6	1212.2	1210.9	1209.5
127.5°	1292.3	1293.2	1293.0	1292.7	1292.4	1292.0	1291.7	1291.0	1290.3	1289.6	1288.9
130°	1366.0	1366.9	1367.1	1367.4	1367.7	1368.1	1368.4	1367.4	1366.4	1365.3	1364.3
132.5°	1441.0	1442.0	1441.5	1440.5	1439.4	1438.4	1437.4	1437.4	1437.4	1437.4	1437.4
135°	1510.1	1511.1	1510.8	1510.1	1509.4	1508.7	1508.0	1507.3	1506.6	1505.9	1505.2
137.5°	1574.5	1575.5	1575.2	1574.5	1573.8	1573.1	1572.4	1572.4	1572.4	1572.4	1572.4
140°	1631.9	1632.2	1632.0	1631.7	1631.4	1631.0	1630.7	1631.4	1632.1	1632.8	1633.5
142.5°	1687.3	1687.5	1687.8	1688.5	1689.2	1689.8	1690.5	1690.5	1690.5	1690.5	1690.5
145°	1743.9	1744.2	1744.2	1744.2	1744.2	1744.2	1744.2	1744.6	1744.9	1745.3	1745.6
147.5°	1790.3	1790.3	1790.5	1790.8	1791.1	1791.5	1791.8	1792.1	1792.5	1792.8	1793.1
150°	1833.5	1833.2	1833.5	1834.2	1834.9	1835.6	1836.3	1837.0	1837.6	1838.3	1839.0
152.5°	1874.0	1873.1	1873.4	1874.1	1874.8	1875.5	1876.2	1876.9	1877.5	1878.2	1878.9
155°	1909.4	1908.4	1908.7	1909.4	1910.1	1910.7	1911.4	1912.4	1913.4	1914.5	1915.5
157.5°	1942.6	1942.1	1942.1	1942.1	1942.1	1942.1	1942.1	1943.1	1944.1	1945.2	1946.2
160°	1969.2	1968.2	1968.4	1968.7	1969.0	1969.4	1969.7	1971.1	1972.5	1973.8	1975.2
162.5°	1993.8	1992.8	1993.0	1993.3	1993.6	1994.0	1994.3	1996.3	1998.4	2000.4	2002.5
165°	2015.2	2014.2	2014.4	2014.7	2015.1	2015.4	2015.8	2017.8	2019.9	2021.9	2024.0
167.5°	2032.1	2031.1	2031.3	2031.6	2031.9	2032.3	2032.6	2035.0	2037.4	2039.8	2042.2
170°	2044.6	2043.4	2043.6	2043.9	2044.2	2044.6	2044.9	2047.6	2050.4	2053.1	2055.8
172.5°	2053.8	2052.6	2052.9	2053.6	2054.3	2054.9	2055.6	2058.0	2060.4	2062.8	2065.2
175°	2061.3	2060.3	2060.5	2060.8	2061.1	2061.5	2061.8	2064.5	2067.3	2070.0	2072.7
177.5°	2065.9	2064.9	2065.1	2065.4	2065.7	2066.1	2066.4	2068.8	2071.2	2073.5	2075.9
180°	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5

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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°	32.2	32.7	33.7	34.8	35.8	36.8	35.8	34.8	33.7	32.7	32.2
92.5°	32.2	32.4	32.7	33.0	33.4	33.7	33.4	33.0	32.7	32.4	32.2
95°	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
97.5°	30.7	30.9	31.2	31.5	31.9	32.2	31.9	31.5	31.2	30.9	30.7
100°	38.4	37.7	36.3	35.0	33.6	32.2	33.6	35.0	36.3	37.7	38.4
102.5°	362.0	347.7	319.1	290.4	261.8	233.2	261.8	290.4	319.1	347.7	362.0
105°	457.2	457.0	456.7	456.3	456.0	455.6	456.0	456.3	456.7	457.0	457.2
107.5°	559.9	559.2	557.9	556.5	555.2	553.8	555.2	556.5	557.9	559.2	559.9
110°	655.0	655.2	655.5	655.9	656.2	656.6	656.2	655.9	655.5	655.2	655.0

TEST NUMBER: P1034912

CATALOG NUMBER: S125RDIW-B850D1560UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	751.7	751.4	750.7	750.0	749.3	748.6	749.3	750.0	750.7	751.4	751.7
115°	849.9	848.9	846.8	844.8	842.7	840.7	842.7	844.8	846.8	848.9	849.9
117.5°	943.5	943.2	942.5	941.8	941.1	940.4	941.1	941.8	942.5	943.2	943.5
120°	1038.6	1037.7	1036.0	1034.3	1032.6	1030.9	1032.6	1034.3	1036.0	1037.7	1038.6
122.5°	1126.0	1125.0	1122.9	1120.9	1118.8	1116.8	1118.8	1120.9	1122.9	1125.0	1126.0
125°	1208.8	1208.3	1207.3	1206.2	1205.2	1204.2	1205.2	1206.2	1207.3	1208.3	1208.8
127.5°	1288.6	1287.2	1284.5	1281.8	1279.0	1276.3	1279.0	1281.8	1284.5	1287.2	1288.6
130°	1363.8	1362.9	1361.2	1359.5	1357.8	1356.1	1357.8	1359.5	1361.2	1362.9	1363.8
132.5°	1437.4	1436.5	1434.8	1433.1	1431.4	1429.7	1431.4	1433.1	1434.8	1436.5	1437.4
135°	1504.9	1503.9	1501.8	1499.8	1497.7	1495.7	1497.7	1499.8	1501.8	1503.9	1504.9
137.5°	1572.4	1571.5	1569.8	1568.1	1566.4	1564.7	1566.4	1568.1	1569.8	1571.5	1572.4
140°	1633.8	1632.8	1630.7	1628.7	1626.6	1624.6	1626.6	1628.7	1630.7	1632.8	1633.8
142.5°	1690.5	1689.5	1687.4	1685.4	1683.3	1681.3	1683.3	1685.4	1687.4	1689.5	1690.5
145°	1745.8	1744.8	1742.7	1740.7	1738.6	1736.6	1738.6	1740.7	1742.7	1744.8	1745.8
147.5°	1793.3	1792.1	1789.7	1787.4	1785.0	1782.6	1785.0	1787.4	1789.7	1792.1	1793.3
150°	1839.3	1837.9	1835.2	1832.5	1829.8	1827.1	1829.8	1832.5	1835.2	1837.9	1839.3
152.5°	1879.2	1878.0	1875.6	1873.3	1870.9	1868.5	1870.9	1873.3	1875.6	1878.0	1879.2
155°	1916.0	1914.6	1911.9	1909.2	1906.5	1903.8	1906.5	1909.2	1911.9	1914.6	1916.0
157.5°	1946.7	1945.3	1942.6	1939.9	1937.2	1934.5	1937.2	1939.9	1942.6	1945.3	1946.7
160°	1975.9	1974.5	1971.8	1969.1	1966.3	1963.6	1966.3	1969.1	1971.8	1974.5	1975.9
162.5°	2003.5	2002.0	1998.9	1995.8	1992.8	1989.7	1992.8	1995.8	1998.9	2002.0	2003.5
165°	2025.0	2023.6	2020.9	2018.2	2015.4	2012.7	2015.4	2018.2	2020.9	2023.6	2025.0
167.5°	2043.4	2041.9	2038.8	2035.7	2032.7	2029.6	2032.7	2035.7	2038.8	2041.9	2043.4
170°	2057.2	2055.7	2052.6	2049.5	2046.5	2043.4	2046.5	2049.5	2052.6	2055.7	2057.2
172.5°	2066.4	2064.9	2061.8	2058.7	2055.7	2052.6	2055.7	2058.7	2061.8	2064.9	2066.4
175°	2074.1	2072.6	2069.5	2066.4	2063.4	2060.3	2063.4	2066.4	2069.5	2072.6	2074.1
177.5°	2077.1	2075.7	2073.0	2070.3	2067.6	2064.9	2067.6	2070.3	2073.0	2075.7	2077.1
180°	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5

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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°	31.3	29.6	27.9	26.2	24.5	22.1	19.7	17.4	15.0	13.8	12.4
92.5°	31.3	29.6	27.9	26.2	24.5	22.5	20.4	18.4	16.3	15.3	16.8
95°	31.3	29.6	27.9	26.2	24.5	37.5	50.4	63.4	76.3	82.8	83.3
97.5°	30.4	29.7	29.0	28.3	27.6	60.0	92.4	124.7	157.1	173.3	172.3
100°	63.8	114.6	165.3	216.1	266.9	265.5	264.2	262.8	261.5	260.8	260.3
102.5°	361.7	361.0	360.3	359.7	359.0	358.3	357.6	356.9	356.2	355.9	355.2
105°	457.2	457.2	457.2	457.2	457.2	457.2	457.2	457.2	457.2	457.2	456.5
107.5°	559.7	559.4	559.1	558.7	558.4	557.7	557.0	556.3	555.6	555.3	555.3
110°	655.5	656.5	657.6	658.6	659.6	658.9	658.3	657.6	656.9	656.6	656.6

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	752.4	753.7	755.1	756.4	757.8	757.5	757.1	756.8	756.5	756.3	755.8
115°	850.6	851.9	853.3	854.6	856.0	855.7	855.3	855.0	854.7	854.5	853.6
117.5°	944.5	946.6	948.6	950.7	952.7	951.3	949.9	948.6	947.2	946.5	946.5
120°	1038.9	1039.6	1040.3	1040.9	1041.6	1040.6	1039.6	1038.5	1037.5	1037.0	1037.2
122.5°	1126.3	1127.0	1127.7	1128.4	1129.1	1128.7	1128.4	1128.0	1127.7	1127.5	1126.7
125°	1209.5	1210.9	1212.2	1213.6	1215.0	1215.0	1215.0	1215.0	1215.0	1215.0	1213.8
127.5°	1288.9	1289.6	1290.3	1291.0	1291.7	1292.0	1292.4	1292.7	1293.0	1293.2	1292.3
130°	1364.3	1365.3	1366.4	1367.4	1368.4	1368.1	1367.7	1367.4	1367.1	1366.9	1366.0
132.5°	1437.4	1437.4	1437.4	1437.4	1437.4	1438.4	1439.4	1440.5	1441.5	1442.0	1441.0
135°	1505.2	1505.9	1506.6	1507.3	1508.0	1508.7	1509.4	1510.1	1510.8	1511.1	1510.1
137.5°	1572.4	1572.4	1572.4	1572.4	1572.4	1573.1	1573.8	1574.5	1575.2	1575.5	1574.5
140°	1633.5	1632.8	1632.1	1631.4	1630.7	1631.0	1631.4	1631.7	1632.0	1632.2	1631.9
142.5°	1690.5	1690.5	1690.5	1690.5	1690.5	1689.8	1689.2	1688.5	1687.8	1687.5	1687.3
145°	1745.6	1745.3	1744.9	1744.6	1744.2	1744.2	1744.2	1744.2	1744.2	1744.2	1743.9
147.5°	1793.1	1792.8	1792.5	1792.1	1791.8	1791.5	1791.1	1790.8	1790.5	1790.3	1790.3
150°	1839.0	1838.3	1837.6	1837.0	1836.3	1835.6	1834.9	1834.2	1833.5	1833.2	1833.5
152.5°	1878.9	1878.2	1877.5	1876.9	1876.2	1875.5	1874.8	1874.1	1873.4	1873.1	1874.0
155°	1915.5	1914.5	1913.4	1912.4	1911.4	1910.7	1910.1	1909.4	1908.7	1908.4	1909.4
157.5°	1946.2	1945.2	1944.1	1943.1	1942.1	1942.1	1942.1	1942.1	1942.1	1942.1	1942.6
160°	1975.2	1973.8	1972.5	1971.1	1969.7	1969.4	1969.0	1968.7	1968.4	1968.2	1969.2
162.5°	2002.5	2000.4	1998.4	1996.3	1994.3	1994.0	1993.6	1993.3	1993.0	1992.8	1993.8
165°	2024.0	2021.9	2019.9	2017.8	2015.8	2015.4	2015.1	2014.7	2014.4	2014.2	2015.2
167.5°	2042.2	2039.8	2037.4	2035.0	2032.6	2032.3	2031.9	2031.6	2031.3	2031.1	2032.1
170°	2055.8	2053.1	2050.4	2047.6	2044.9	2044.6	2044.2	2043.9	2043.6	2043.4	2044.6
172.5°	2065.2	2062.8	2060.4	2058.0	2055.6	2054.9	2054.3	2053.6	2052.9	2052.6	2053.8
175°	2072.7	2070.0	2067.3	2064.5	2061.8	2061.5	2061.1	2060.8	2060.5	2060.3	2061.3
177.5°	2075.9	2073.5	2071.2	2068.8	2066.4	2066.1	2065.7	2065.4	2065.1	2064.9	2065.9
180°	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5

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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°	9.7	7.0	4.2	1.5
92.5°	19.9	23.0	26.0	29.1
95°	84.3	85.4	86.4	87.4
97.5°	170.2	168.2	166.1	164.1
100°	259.3	258.2	257.2	256.2
102.5°	353.9	352.5	351.2	349.8
105°	455.1	453.8	452.4	451.0
107.5°	555.3	555.3	555.3	555.3
110°	656.6	656.6	656.6	656.6



TEST NUMBER: P1034912

CATALOG NUMBER: S125RDIW-B850D1560UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	754.8	753.7	752.7	751.7
115°	851.9	850.2	848.5	846.8
117.5°	946.5	946.5	946.5	946.5
120°	1037.5	1037.9	1038.2	1038.6
122.5°	1125.0	1123.3	1121.6	1119.9
125°	1211.4	1209.0	1206.6	1204.2
127.5°	1290.6	1288.9	1287.2	1285.5
130°	1364.3	1362.6	1360.9	1359.2
132.5°	1438.9	1436.9	1434.8	1432.8
135°	1508.0	1506.0	1503.9	1501.9
137.5°	1572.4	1570.4	1568.3	1566.3
140°	1631.2	1630.5	1629.9	1629.2
142.5°	1687.0	1686.6	1686.3	1685.9
145°	1743.2	1742.5	1741.9	1741.2
147.5°	1790.3	1790.3	1790.3	1790.3
150°	1834.2	1834.9	1835.6	1836.3
152.5°	1875.7	1877.4	1879.1	1880.8
155°	1911.5	1913.5	1915.6	1917.6
157.5°	1943.6	1944.7	1945.7	1946.7
160°	1971.3	1973.3	1975.4	1977.4
162.5°	1995.9	1997.9	2000.0	2002.0
165°	2017.3	2019.3	2021.4	2023.4
167.5°	2034.2	2036.2	2038.3	2040.3
170°	2047.0	2049.3	2051.7	2054.1
172.5°	2056.2	2058.5	2060.9	2063.3
175°	2063.4	2065.4	2067.5	2069.5
177.5°	2068.0	2070.0	2072.1	2074.1
180°	2069.5	2069.5	2069.5	2069.5

(END OF REPORT)