

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: P1034911

Luminaire Tested: S125RDIW-B850D1560UB2750-4F0-XX-W2A-A_3000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1034911
REPORT IS A COMBINATION OF REPORTS P1006896 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_3000K
Description: Define 5 Regressed Direct/Indirect Wall Mount with 3000K BioUP LEDs {m-DER=0.589}
{m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

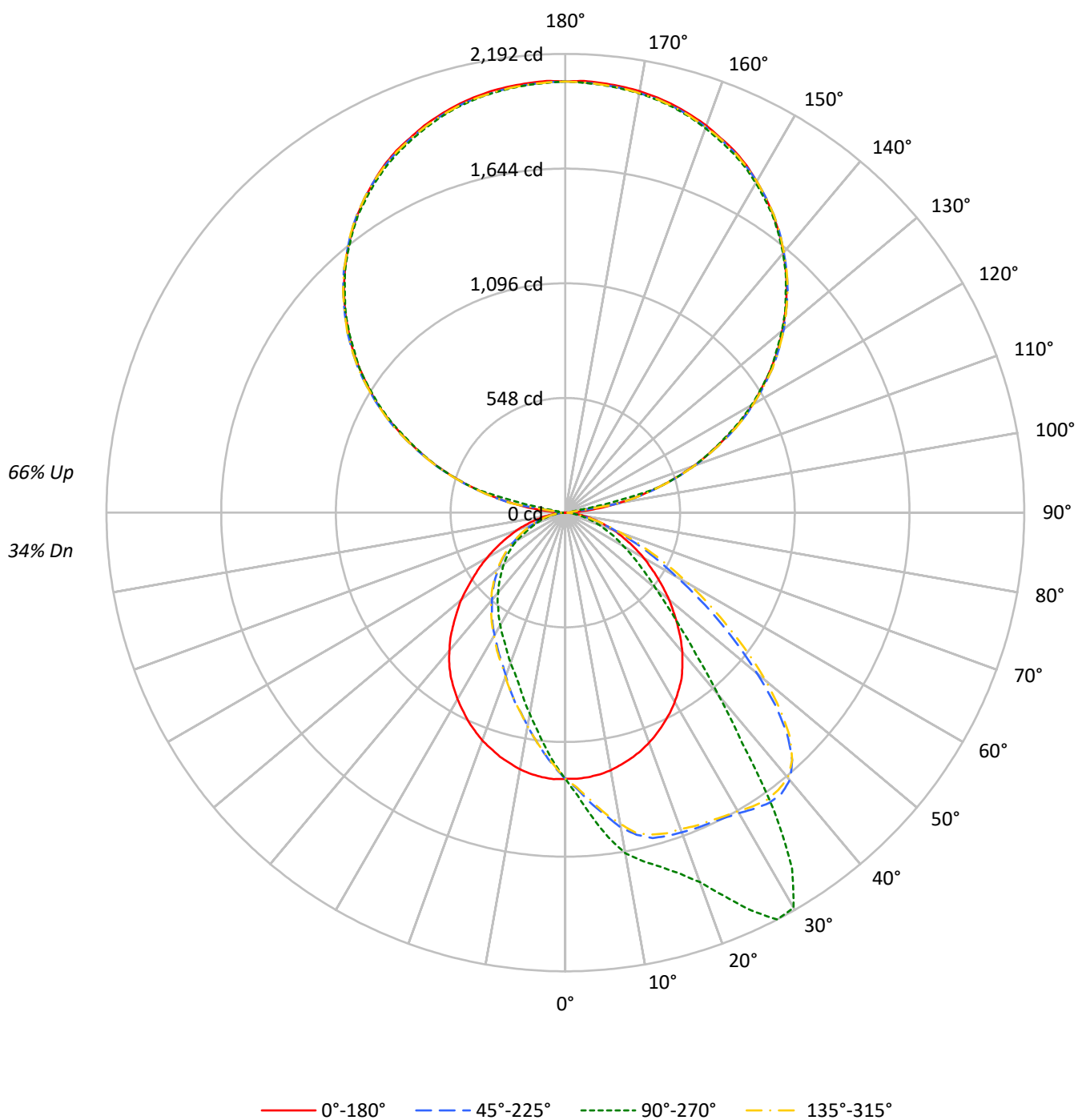
Lumens per Lamp: N/A
Luminaire Lumens: 9627.0 lumens
Efficiency: N/A
Efficacy: 109.3 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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°	8149	8149	8149	8149
5°	8142	9184	8142	7059
10°	8096	10320	8069	6103
15°	8008	10919	7954	5313
20°	7902	11787	7831	4803
25°	7764	13341	7676	4359
30°	7623	14180	7509	4041
35°	7441	11662	7337	3745
40°	7117	7920	7057	3479
45°	6692	5693	6683	3217
50°	6256	4378	6287	2975
55°	5766	3560	5755	2742
60°	5310	2918	5284	2435
65°	4777	2431	4807	1960
70°	4338	1951	4319	1632
75°	3664	1479	3664	1341
80°	2970	901	2934	901
85°	2087	474	2030	535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 11599 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.0	1.3
10°-20°	357.6	3.7
20°-30°	566.9	5.9
30°-40°	685.1	7.1
40°-50°	609.9	6.3
50°-60°	467.7	4.9
60°-70°	303.8	3.2
70°-80°	147.4	1.5
80°-90°	37.7	0.4
90°-100°	69.9	0.7
100°-110°	465.0	4.8
110°-120°	837.4	8.7
120°-130°	1074.8	11.2
130°-140°	1156.0	12.0
140°-150°	1084.9	11.3
150°-160°	877.6	9.1
160°-170°	567.6	5.9
170°-180°	195.7	2.0
0°-30°	1046.5	10.9
0°-40°	1731.5	18.0
0°-60°	2809.2	29.2
0°-90°	3298.1	34.3
90°-120°	1372.3	14.3
90°-150°	4688.0	48.7
90°-180°	6329.0	65.7
0°-180°	9627.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1272	1272	1272	1272	1272	
5°	1269	1458	1269	1120	1269	121
15°	1215	1751	1207	852	1215	343
25°	1111	2097	1098	685	1111	512
35°	968	1740	954	559	968	603
45°	757	778	756	440	757	584
55°	535	427	534	329	535	479
65°	332	242	334	195	332	332
75°	162	113	162	102	162	174
85°	36	24	36	27	36	42
90°	2	37	2	37	2	7
95°	87	32	87	32	87	107
105°	449	454	449	454	449	476
115°	843	837	843	837	843	836
125°	1199	1199	1199	1199	1199	1071
135°	1495	1489	1495	1489	1495	1153
145°	1734	1729	1734	1729	1734	1084
155°	1909	1895	1909	1895	1909	880
165°	2014	2004	2014	2004	2014	569
175°	2060	2051	2060	2051	2060	196
180°	2060	2060	2060	2060	2060	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8
2.5°	1272.9	1283.3	1286.4	1294.8	1304.2	1306.3	1311.5	1318.8	1323.0	1321.9	1321.9
5°	1268.7	1286.4	1299.0	1313.6	1331.3	1338.6	1344.9	1360.6	1373.1	1380.4	1392.9
7.5°	1261.4	1287.5	1308.4	1330.3	1357.4	1370.0	1383.5	1405.5	1428.4	1443.1	1456.6
10°	1249.9	1283.3	1312.5	1344.9	1381.4	1400.2	1417.0	1450.4	1478.6	1497.4	1528.7
12.5°	1233.2	1274.9	1315.7	1358.5	1404.4	1424.3	1447.2	1483.8	1523.5	1550.6	1576.7
15°	1215.4	1265.5	1309.4	1360.6	1415.9	1446.2	1475.4	1514.1	1549.6	1579.8	1610.1
17.5°	1194.5	1247.8	1302.1	1360.6	1423.2	1453.5	1478.6	1524.5	1562.1	1592.4	1619.5
20°	1169.5	1229.0	1290.6	1355.3	1419.0	1447.2	1471.2	1521.4	1554.8	1587.2	1625.8
22.5°	1142.3	1207.1	1272.9	1336.5	1399.2	1429.5	1457.7	1501.5	1538.1	1581.9	1632.1
25°	1111.0	1182.0	1248.8	1312.5	1372.1	1400.2	1425.3	1473.3	1524.5	1579.8	1636.2
27.5°	1079.7	1148.6	1213.3	1271.8	1336.5	1362.7	1387.7	1448.3	1508.8	1567.3	1644.6
30°	1045.2	1115.2	1171.6	1225.9	1288.5	1315.7	1347.0	1415.9	1484.8	1564.2	1658.2
32.5°	1006.6	1070.3	1122.5	1178.9	1235.3	1268.7	1308.4	1383.5	1462.9	1557.9	1678.0
35°	968.0	1019.1	1067.2	1120.4	1188.3	1223.8	1262.4	1341.8	1441.0	1554.8	1694.7
37.5°	918.9	968.0	1005.5	1059.8	1129.8	1171.6	1210.2	1302.1	1414.9	1547.5	1693.7
40°	868.8	910.5	946.0	1002.4	1078.6	1117.3	1159.0	1259.3	1387.7	1526.6	1668.6
42.5°	814.5	850.0	888.6	942.9	1017.0	1054.6	1102.7	1219.6	1350.1	1497.4	1603.9
45°	757.0	791.5	823.9	880.2	954.4	995.1	1047.3	1167.4	1304.2	1435.7	1499.4
47.5°	700.6	730.9	765.4	814.5	889.6	934.5	987.8	1116.2	1242.6	1353.3	1358.5
50°	646.3	670.4	699.6	749.7	828.0	870.8	926.2	1046.3	1169.5	1245.7	1194.5
52.5°	590.0	611.9	642.2	686.0	759.1	809.2	857.3	977.4	1080.7	1131.9	1037.9
55°	534.6	553.4	584.7	633.8	697.5	736.1	785.2	897.0	987.8	988.8	886.5
57.5°	480.3	497.0	523.1	567.0	626.5	671.4	716.3	813.4	875.0	857.3	743.5
60°	432.3	442.7	466.7	509.6	564.9	597.3	645.3	726.7	767.5	735.1	612.9
62.5°	382.2	392.6	411.4	445.9	498.1	532.5	562.8	629.6	657.8	608.8	508.5
65°	332.0	344.6	358.2	385.3	434.4	457.4	484.5	533.6	560.7	503.3	416.6
67.5°	288.2	294.5	308.0	336.2	370.7	391.6	410.4	443.8	449.0	403.1	332.0
70°	247.5	249.6	262.1	278.8	304.9	317.4	333.1	352.9	352.9	315.3	259.0
72.5°	201.5	204.7	214.1	231.8	247.5	253.7	259.0	271.5	269.4	234.9	196.3
75°	161.8	163.9	171.2	179.6	185.9	197.3	201.5	199.4	198.4	169.2	147.2
77.5°	125.3	126.3	131.6	138.9	139.9	144.1	141.0	141.0	131.6	114.9	103.4
80°	91.9	92.9	95.0	97.1	97.1	97.1	97.1	91.9	85.6	75.2	72.0
82.5°	61.6	61.6	62.7	64.7	63.7	61.6	59.5	54.3	50.1	47.0	44.9
85°	36.5	36.5	37.6	36.5	32.4	31.3	29.2	28.2	27.1	26.1	26.1
87.5°	17.8	16.7	14.6	12.5	12.5	12.5	12.5	12.5	12.5	11.5	11.5
90°	1.5	4.2	6.9	9.6	12.3	13.7	14.9	17.3	19.6	22.0	24.4
92.5°	29.0	26.0	22.9	19.9	16.8	15.3	16.3	18.3	20.4	22.4	24.4
95°	87.1	86.1	85.1	84.0	83.0	82.5	76.0	63.1	50.2	37.3	24.4
97.5°	163.4	165.4	167.5	169.5	171.6	172.6	156.5	124.2	92.0	59.7	27.5
100°	255.1	256.1	257.1	258.1	259.1	259.6	260.3	261.7	263.0	264.4	265.8
102.5°	348.2	349.6	350.9	352.3	353.6	354.3	354.6	355.3	356.0	356.7	357.4
105°	449.0	450.4	451.7	453.1	454.4	455.1	455.1	455.1	455.1	455.1	455.1
107.5°	552.9	552.9	552.9	552.9	552.9	552.9	553.2	553.9	554.6	555.2	555.9
110°	653.7	653.7	653.7	653.7	653.7	653.7	654.0	654.7	655.4	656.0	656.7



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	748.4	749.4	750.4	751.5	752.5	753.0	753.2	753.5	753.8	754.2	754.5
115°	843.1	844.8	846.5	848.2	849.9	850.7	850.9	851.2	851.5	851.9	852.2
117.5°	942.4	942.4	942.4	942.4	942.4	942.4	943.1	944.4	945.8	947.1	948.5
120°	1034.0	1033.7	1033.3	1033.0	1032.7	1032.5	1033.0	1034.0	1035.0	1036.0	1037.0
122.5°	1114.9	1116.6	1118.3	1120.0	1121.7	1122.6	1122.8	1123.1	1123.4	1123.8	1124.1
125°	1198.9	1201.3	1203.7	1206.0	1208.4	1209.6	1209.6	1209.6	1209.6	1209.6	1209.6
127.5°	1279.9	1281.6	1283.3	1285.0	1286.7	1287.5	1287.3	1287.0	1286.7	1286.3	1286.0
130°	1353.2	1354.9	1356.6	1358.3	1360.0	1360.8	1361.0	1361.3	1361.7	1362.0	1362.4
132.5°	1426.5	1428.5	1430.6	1432.6	1434.7	1435.7	1435.2	1434.2	1433.1	1432.1	1431.1
135°	1495.2	1497.2	1499.3	1501.3	1503.4	1504.4	1504.1	1503.4	1502.7	1502.0	1501.3
137.5°	1559.4	1561.4	1563.5	1565.5	1567.6	1568.6	1568.3	1567.6	1566.9	1566.2	1565.5
140°	1622.0	1622.7	1623.4	1624.1	1624.8	1625.1	1624.9	1624.6	1624.2	1623.9	1623.5
142.5°	1678.5	1678.8	1679.2	1679.5	1679.8	1680.0	1680.3	1681.0	1681.7	1682.4	1683.1
145°	1733.5	1734.2	1734.9	1735.6	1736.3	1736.6	1736.6	1736.6	1736.6	1736.6	1736.6
147.5°	1782.4	1782.4	1782.4	1782.4	1782.4	1782.4	1782.6	1782.9	1783.2	1783.6	1783.9
150°	1828.2	1827.5	1826.8	1826.1	1825.4	1825.1	1825.4	1826.1	1826.8	1827.5	1828.2
152.5°	1872.5	1870.8	1869.1	1867.4	1865.7	1864.8	1865.1	1865.8	1866.5	1867.2	1867.9
155°	1909.1	1907.1	1905.1	1903.0	1901.0	1900.0	1900.3	1901.0	1901.7	1902.3	1903.0
157.5°	1938.2	1937.2	1936.2	1935.1	1934.1	1933.6	1933.6	1933.6	1933.6	1933.6	1933.6
160°	1968.7	1966.7	1964.6	1962.6	1960.5	1959.5	1959.7	1960.0	1960.4	1960.7	1961.1
162.5°	1993.1	1991.1	1989.1	1987.0	1985.0	1984.0	1984.2	1984.5	1984.8	1985.2	1985.5
165°	2014.5	2012.5	2010.5	2008.4	2006.4	2005.4	2005.6	2005.9	2006.2	2006.6	2006.9
167.5°	2031.3	2029.3	2027.3	2025.2	2023.2	2022.2	2022.4	2022.7	2023.0	2023.4	2023.7
170°	2045.1	2042.7	2040.3	2038.0	2035.6	2034.4	2034.6	2034.9	2035.2	2035.6	2035.9
172.5°	2054.2	2051.8	2049.4	2047.1	2044.7	2043.5	2043.8	2044.5	2045.2	2045.9	2046.6
175°	2060.3	2058.3	2056.3	2054.2	2052.2	2051.2	2051.4	2051.7	2052.0	2052.4	2052.7
177.5°	2064.9	2062.9	2060.9	2058.8	2056.8	2055.8	2056.0	2056.3	2056.6	2057.0	2057.3
180°	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8
2.5°	1327.2	1334.5	1340.7	1337.6	1350.1	1349.1	1351.2	1355.3	1356.4	1354.3	1350.1
5°	1399.2	1409.6	1427.4	1436.8	1434.7	1443.1	1447.2	1453.5	1459.8	1457.7	1457.7
7.5°	1479.6	1494.2	1512.0	1536.0	1539.1	1546.4	1559.0	1559.0	1566.3	1563.1	1562.1
10°	1549.6	1567.3	1595.5	1614.3	1622.7	1626.8	1639.4	1643.5	1651.9	1652.9	1652.9
12.5°	1607.0	1638.3	1657.1	1675.9	1680.1	1686.4	1695.7	1702.0	1705.1	1705.1	1702.0
15°	1637.3	1662.3	1684.3	1704.1	1715.6	1720.8	1730.2	1737.5	1741.7	1751.1	1753.2
17.5°	1649.8	1680.1	1715.6	1743.8	1763.6	1768.8	1787.6	1793.9	1802.3	1806.4	1811.7
20°	1667.6	1711.4	1754.2	1788.7	1807.5	1821.0	1840.9	1870.1	1878.5	1878.5	1875.3
22.5°	1683.2	1739.6	1798.1	1853.4	1869.1	1896.2	1932.8	1964.1	1976.6	1981.9	1977.7
25°	1702.0	1779.3	1855.5	1924.4	1967.2	1987.1	2036.2	2073.7	2088.4	2096.7	2098.8
27.5°	1734.4	1831.5	1928.6	2016.3	2060.2	2083.1	2134.3	2166.7	2184.4	2191.7	2186.5
30°	1770.9	1890.0	2002.7	2081.1	2110.3	2138.5	2171.9	2184.4	2180.2	2180.2	2195.9
32.5°	1808.5	1931.7	2032.0	2083.1	2093.6	2089.4	2075.8	2038.2	2016.3	2016.3	2029.9
35°	1829.4	1935.9	1987.1	1970.4	1929.6	1905.6	1831.5	1789.7	1742.7	1739.6	1755.3
37.5°	1817.9	1863.9	1843.0	1733.3	1678.0	1632.1	1516.1	1470.2	1435.7	1387.7	1461.9
40°	1737.5	1721.9	1613.3	1455.6	1394.0	1329.2	1237.4	1191.4	1143.4	1136.1	1153.8
42.5°	1601.8	1508.8	1350.1	1197.7	1135.0	1089.1	1019.1	974.2	943.9	931.4	952.3
45°	1432.6	1286.4	1127.7	1006.6	937.7	913.7	850.0	810.3	787.3	777.9	792.5
47.5°	1225.9	1078.6	928.3	825.9	785.2	761.2	718.4	683.9	664.1	657.8	664.1
50°	1041.0	889.6	763.3	697.5	661.0	641.1	605.6	583.7	568.0	563.9	574.3
52.5°	881.3	743.5	647.4	588.9	564.9	548.2	523.1	504.3	494.9	490.8	498.1
55°	738.2	626.5	549.2	499.1	481.4	470.9	449.0	438.6	428.1	427.1	434.4
57.5°	611.9	534.6	463.6	428.1	422.9	407.2	388.4	379.0	373.8	372.8	375.9
60°	509.6	440.6	397.8	366.5	359.2	346.7	336.2	330.0	323.7	321.6	323.7
62.5°	423.9	369.6	335.2	314.3	303.9	300.7	289.2	281.9	280.9	280.9	283.0
65°	349.8	303.9	281.9	265.2	257.9	254.8	246.4	241.2	242.2	242.2	243.3
67.5°	285.1	251.6	231.8	223.5	217.2	216.1	207.8	205.7	203.6	203.6	205.7
70°	226.6	205.7	191.1	186.9	185.9	178.6	175.4	174.4	171.2	172.3	172.3
72.5°	177.5	163.9	155.6	149.3	150.4	146.2	142.0	142.0	139.9	143.1	143.1
75°	131.6	125.3	119.0	116.9	119.0	116.9	113.8	112.8	113.8	112.8	112.8
77.5°	97.1	94.0	91.9	90.8	90.8	86.7	84.6	86.7	82.5	84.6	84.6
80°	67.9	63.7	62.7	60.6	61.6	58.5	59.5	57.4	57.4	57.4	57.4
82.5°	42.8	41.8	41.8	41.8	40.7	40.7	40.7	40.7	40.7	40.7	39.7
85°	26.1	25.1	25.1	25.1	24.0	24.0	24.0	24.0	24.0	24.0	24.0
87.5°	10.4	11.5	11.5	12.5	11.5	10.4	10.4	10.4	11.5	11.5	10.4
90°	26.1	27.8	29.5	31.2	32.1	32.6	33.6	34.7	35.7	36.7	35.7
92.5°	26.1	27.8	29.5	31.2	32.1	32.3	32.6	32.9	33.3	33.6	33.3
95°	26.1	27.8	29.5	31.2	32.1	32.1	32.1	32.1	32.1	32.1	32.1
97.5°	28.2	28.8	29.5	30.2	30.5	30.7	31.0	31.4	31.7	32.1	31.7
100°	215.2	164.6	114.1	63.5	38.2	37.5	36.2	34.8	33.5	32.1	33.5
102.5°	358.1	358.7	359.4	360.1	360.4	346.2	317.7	289.2	260.7	232.2	260.7
105°	455.1	455.1	455.1	455.1	455.1	454.9	454.6	454.3	453.9	453.6	453.9
107.5°	556.3	556.6	557.0	557.3	557.5	556.8	555.5	554.1	552.8	551.4	552.8
110°	655.7	654.7	653.7	652.7	652.2	652.4	652.7	653.0	653.4	653.7	653.4

TEST NUMBER: P1034911

CATALOG NUMBER: S125RDIW-B850D1560UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	753.1	751.8	750.4	749.1	748.4	748.1	747.4	746.7	746.0	745.3	746.0
115°	850.8	849.5	848.1	846.8	846.1	845.1	843.1	841.0	839.0	837.0	839.0
117.5°	946.5	944.4	942.4	940.3	939.3	939.0	938.3	937.6	936.9	936.2	936.9
120°	1036.3	1035.7	1035.0	1034.3	1034.0	1033.2	1031.5	1029.8	1028.1	1026.4	1028.1
122.5°	1123.4	1122.7	1122.0	1121.3	1121.0	1120.0	1118.0	1115.9	1113.9	1111.9	1113.9
125°	1208.2	1206.9	1205.5	1204.2	1203.5	1203.0	1202.0	1200.9	1199.9	1198.9	1199.9
127.5°	1285.3	1284.6	1283.9	1283.2	1282.9	1281.5	1278.8	1276.1	1273.4	1270.7	1273.4
130°	1361.4	1360.4	1359.3	1358.3	1357.8	1356.9	1355.2	1353.5	1351.8	1350.1	1351.8
132.5°	1431.1	1431.1	1431.1	1431.1	1431.1	1430.3	1428.6	1426.9	1425.2	1423.5	1425.2
135°	1500.6	1500.0	1499.3	1498.6	1498.3	1497.3	1495.2	1493.2	1491.1	1489.1	1491.1
137.5°	1565.5	1565.5	1565.5	1565.5	1565.5	1564.7	1563.0	1561.3	1559.6	1557.9	1559.6
140°	1624.2	1624.9	1625.6	1626.3	1626.6	1625.6	1623.5	1621.5	1619.4	1617.4	1619.4
142.5°	1683.1	1683.1	1683.1	1683.1	1683.1	1682.1	1680.0	1678.0	1675.9	1673.9	1675.9
145°	1736.9	1737.3	1737.6	1737.9	1738.1	1737.1	1735.0	1733.0	1730.9	1728.9	1730.9
147.5°	1784.2	1784.6	1784.9	1785.2	1785.4	1784.2	1781.8	1779.5	1777.1	1774.7	1777.1
150°	1828.9	1829.5	1830.2	1830.9	1831.2	1829.8	1827.1	1824.4	1821.7	1819.0	1821.7
152.5°	1868.6	1869.3	1870.0	1870.7	1871.0	1869.8	1867.4	1865.1	1862.7	1860.3	1862.7
155°	1904.0	1905.0	1906.1	1907.1	1907.6	1906.2	1903.5	1900.8	1898.1	1895.4	1898.1
157.5°	1934.6	1935.6	1936.7	1937.7	1938.2	1936.8	1934.1	1931.4	1928.6	1925.9	1928.6
160°	1962.5	1963.8	1965.2	1966.5	1967.2	1965.8	1963.1	1960.4	1957.7	1955.0	1957.7
162.5°	1987.5	1989.6	1991.6	1993.7	1994.7	1993.2	1990.1	1987.0	1984.0	1980.9	1984.0
165°	2008.9	2011.0	2013.0	2015.1	2016.1	2014.7	2012.0	2009.3	2006.5	2003.8	2006.5
167.5°	2026.1	2028.5	2030.8	2033.2	2034.4	2032.9	2029.8	2026.7	2023.7	2020.6	2023.7
170°	2038.6	2041.3	2044.0	2046.7	2048.1	2046.6	2043.5	2040.5	2037.4	2034.4	2037.4
172.5°	2049.0	2051.4	2053.7	2056.1	2057.3	2055.8	2052.7	2049.6	2046.6	2043.5	2046.6
175°	2055.4	2058.1	2060.8	2063.5	2064.9	2063.4	2060.3	2057.3	2054.2	2051.2	2054.2
177.5°	2059.7	2062.1	2064.4	2066.8	2068.0	2066.6	2063.9	2061.2	2058.5	2055.8	2058.5
180°	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8
2.5°	1355.3	1348.0	1351.2	1348.0	1344.9	1341.8	1334.5	1324.0	1315.7	1309.4	1308.4
5°	1459.8	1450.4	1444.1	1441.0	1434.7	1426.3	1412.8	1397.1	1378.3	1371.0	1356.4
7.5°	1555.8	1552.7	1538.1	1536.0	1531.8	1516.1	1493.2	1472.3	1448.3	1428.4	1409.6
10°	1646.7	1639.4	1628.9	1614.3	1612.2	1592.4	1570.4	1541.2	1509.9	1491.1	1457.7
12.5°	1703.1	1694.7	1683.2	1673.8	1668.6	1656.1	1625.8	1596.6	1568.4	1533.9	1504.7
15°	1743.8	1733.3	1712.5	1705.1	1698.9	1682.2	1660.2	1630.0	1592.4	1568.4	1526.6
17.5°	1799.1	1786.6	1765.7	1752.1	1740.6	1714.5	1683.2	1642.5	1607.0	1579.8	1542.3
20°	1862.8	1844.0	1816.9	1799.1	1782.4	1752.1	1708.3	1660.2	1609.1	1575.7	1537.0
22.5°	1968.3	1932.8	1890.0	1864.9	1841.9	1789.7	1737.5	1678.0	1620.6	1570.4	1523.5
25°	2070.6	2035.1	1981.9	1947.4	1911.9	1851.3	1782.4	1699.9	1626.8	1568.4	1506.8
27.5°	2165.6	2129.1	2080.0	2038.2	2003.8	1912.9	1822.1	1729.2	1636.2	1555.8	1493.2
30°	2187.6	2171.9	2134.3	2097.8	2066.4	1982.9	1877.4	1759.4	1647.7	1544.3	1474.4
32.5°	2054.9	2093.6	2103.0	2097.8	2077.9	2018.4	1921.3	1797.0	1664.4	1539.1	1443.1
35°	1779.3	1849.2	1921.3	1959.9	1978.7	1987.1	1929.6	1815.8	1675.9	1530.8	1422.2
37.5°	1475.4	1543.3	1657.1	1714.5	1778.2	1861.8	1884.7	1811.7	1670.7	1524.5	1388.8
40°	1212.3	1299.0	1392.9	1445.1	1500.5	1650.8	1764.7	1756.3	1654.0	1501.5	1362.7
42.5°	986.7	1041.0	1123.5	1181.0	1248.8	1417.0	1569.4	1644.6	1603.9	1473.3	1329.2
45°	822.8	864.6	923.1	981.5	1023.3	1175.7	1356.4	1479.6	1518.2	1423.2	1278.1
47.5°	693.3	724.7	775.8	812.4	857.3	977.4	1134.0	1307.3	1388.8	1352.2	1223.8
50°	594.1	619.2	659.9	682.9	722.6	825.9	945.0	1126.7	1249.9	1254.1	1151.7
52.5°	507.5	532.5	567.0	586.8	610.8	680.8	800.9	954.4	1096.4	1148.6	1069.2
55°	441.7	456.3	484.5	500.2	522.1	590.0	666.2	796.7	945.0	1030.6	980.5
57.5°	381.1	396.8	414.5	427.1	442.7	497.0	565.9	664.1	811.3	904.3	887.6
60°	332.0	341.4	358.2	367.6	382.2	417.7	465.7	563.9	680.8	768.5	777.9
62.5°	286.1	294.5	305.9	314.3	323.7	351.9	387.4	457.4	559.7	654.7	667.2
65°	246.4	253.7	260.0	267.3	274.6	292.4	322.7	376.9	456.3	545.1	572.2
67.5°	210.9	213.0	222.4	223.5	227.6	241.2	263.1	307.0	364.4	435.4	470.9
70°	176.5	180.6	182.7	185.9	190.0	199.4	217.2	240.2	283.0	340.4	373.8
72.5°	143.1	144.1	147.2	149.3	153.5	160.8	169.2	186.9	214.1	255.8	286.1
75°	113.8	114.9	116.9	118.0	121.1	123.2	127.4	139.9	158.7	183.8	205.7
77.5°	85.6	87.7	89.8	89.8	90.8	92.9	95.0	99.2	108.6	125.3	144.1
80°	58.5	59.5	59.5	60.6	59.5	62.7	65.8	71.0	75.2	80.4	89.8
82.5°	40.7	40.7	40.7	41.8	41.8	42.8	42.8	43.9	44.9	48.0	52.2
85°	25.1	25.1	26.1	24.0	25.1	26.1	26.1	25.1	26.1	27.1	28.2
87.5°	10.4	10.4	11.5	11.5	11.5	11.5	10.4	11.5	10.4	11.5	11.5
90°	34.7	33.6	32.6	32.1	31.2	29.5	27.8	26.1	24.4	22.0	19.6
92.5°	32.9	32.6	32.3	32.1	31.2	29.5	27.8	26.1	24.4	22.4	20.4
95°	32.1	32.1	32.1	32.1	31.2	29.5	27.8	26.1	24.4	37.3	50.2
97.5°	31.4	31.0	30.7	30.5	30.2	29.5	28.8	28.2	27.5	59.7	92.0
100°	34.8	36.2	37.5	38.2	63.5	114.1	164.6	215.2	265.8	264.4	263.0
102.5°	289.2	317.7	346.2	360.4	360.1	359.4	358.7	358.1	357.4	356.7	356.0
105°	454.3	454.6	454.9	455.1	455.1	455.1	455.1	455.1	455.1	455.1	455.1
107.5°	554.1	555.5	556.8	557.5	557.3	557.0	556.6	556.3	555.9	555.2	554.6
110°	653.0	652.7	652.4	652.2	652.7	653.7	654.7	655.7	656.7	656.0	655.4

TEST NUMBER: P1034911

CATALOG NUMBER: S125RDIW-B850D1560UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	746.7	747.4	748.1	748.4	749.1	750.4	751.8	753.1	754.5	754.2	753.8
115°	841.0	843.1	845.1	846.1	846.8	848.1	849.5	850.8	852.2	851.9	851.5
117.5°	937.6	938.3	939.0	939.3	940.3	942.4	944.4	946.5	948.5	947.1	945.8
120°	1029.8	1031.5	1033.2	1034.0	1034.3	1035.0	1035.7	1036.3	1037.0	1036.0	1035.0
122.5°	1115.9	1118.0	1120.0	1121.0	1121.3	1122.0	1122.7	1123.4	1124.1	1123.8	1123.4
125°	1200.9	1202.0	1203.0	1203.5	1204.2	1205.5	1206.9	1208.2	1209.6	1209.6	1209.6
127.5°	1276.1	1278.8	1281.5	1282.9	1283.2	1283.9	1284.6	1285.3	1286.0	1286.3	1286.7
130°	1353.5	1355.2	1356.9	1357.8	1358.3	1359.3	1360.4	1361.4	1362.4	1362.0	1361.7
132.5°	1426.9	1428.6	1430.3	1431.1	1431.1	1431.1	1431.1	1431.1	1431.1	1432.1	1433.1
135°	1493.2	1495.2	1497.3	1498.3	1498.6	1499.3	1500.0	1500.6	1501.3	1502.0	1502.7
137.5°	1561.3	1563.0	1564.7	1565.5	1565.5	1565.5	1565.5	1565.5	1565.5	1566.2	1566.9
140°	1621.5	1623.5	1625.6	1626.6	1626.3	1625.6	1624.9	1624.2	1623.5	1623.9	1624.2
142.5°	1678.0	1680.0	1682.1	1683.1	1683.1	1683.1	1683.1	1683.1	1683.1	1682.4	1681.7
145°	1733.0	1735.0	1737.1	1738.1	1737.9	1737.6	1737.3	1736.9	1736.6	1736.6	1736.6
147.5°	1779.5	1781.8	1784.2	1785.4	1785.2	1784.9	1784.6	1784.2	1783.9	1783.6	1783.2
150°	1824.4	1827.1	1829.8	1831.2	1830.9	1830.2	1829.5	1828.9	1828.2	1827.5	1826.8
152.5°	1865.1	1867.4	1869.8	1871.0	1870.7	1870.0	1869.3	1868.6	1867.9	1867.2	1866.5
155°	1900.8	1903.5	1906.2	1907.6	1907.1	1906.1	1905.0	1904.0	1903.0	1902.3	1901.7
157.5°	1931.4	1934.1	1936.8	1938.2	1937.7	1936.7	1935.6	1934.6	1933.6	1933.6	1933.6
160°	1960.4	1963.1	1965.8	1967.2	1966.5	1965.2	1963.8	1962.5	1961.1	1960.7	1960.4
162.5°	1987.0	1990.1	1993.2	1994.7	1993.7	1991.6	1989.6	1987.5	1985.5	1985.2	1984.8
165°	2009.3	2012.0	2014.7	2016.1	2015.1	2013.0	2011.0	2008.9	2006.9	2006.6	2006.2
167.5°	2026.7	2029.8	2032.9	2034.4	2033.2	2030.8	2028.5	2026.1	2023.7	2023.4	2023.0
170°	2040.5	2043.5	2046.6	2048.1	2046.7	2044.0	2041.3	2038.6	2035.9	2035.6	2035.2
172.5°	2049.6	2052.7	2055.8	2057.3	2056.1	2053.7	2051.4	2049.0	2046.6	2045.9	2045.2
175°	2057.3	2060.3	2063.4	2064.9	2063.5	2060.8	2058.1	2055.4	2052.7	2052.4	2052.0
177.5°	2061.2	2063.9	2066.6	2068.0	2066.8	2064.4	2062.1	2059.7	2057.3	2057.0	2056.6
180°	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8
2.5°	1305.2	1299.0	1294.8	1293.7	1287.5	1282.3	1276.0	1274.9	1271.8	1263.5	1258.2
5°	1345.9	1331.3	1328.2	1318.8	1303.1	1291.7	1277.0	1268.7	1259.3	1243.6	1231.1
7.5°	1387.7	1367.9	1353.3	1339.7	1317.8	1296.9	1276.0	1259.3	1242.6	1219.6	1200.8
10°	1428.4	1398.2	1380.4	1360.6	1330.3	1299.0	1269.7	1245.7	1218.6	1191.4	1164.3
12.5°	1466.0	1427.4	1401.3	1373.1	1335.5	1296.9	1259.3	1225.9	1197.7	1161.1	1130.8
15°	1489.0	1446.2	1420.1	1392.9	1336.5	1293.7	1249.9	1207.1	1169.5	1130.8	1102.7
17.5°	1502.6	1454.5	1425.3	1400.2	1342.8	1284.3	1228.0	1182.0	1141.3	1095.3	1057.8
20°	1496.3	1449.3	1422.2	1398.2	1331.3	1272.9	1212.3	1159.0	1107.9	1060.9	1021.2
22.5°	1482.7	1433.7	1403.4	1381.4	1321.9	1253.0	1186.2	1128.8	1075.5	1028.5	983.6
25°	1453.5	1405.5	1379.4	1352.2	1293.7	1228.0	1160.1	1098.5	1042.1	992.0	941.9
27.5°	1427.4	1368.9	1341.8	1317.8	1256.1	1197.7	1130.8	1063.0	1005.5	953.3	903.2
30°	1397.1	1331.3	1302.1	1269.7	1214.4	1159.0	1092.2	1029.6	970.0	914.7	866.7
32.5°	1364.7	1288.5	1255.1	1218.6	1162.2	1110.0	1053.6	992.0	932.5	878.2	828.0
35°	1323.0	1241.5	1202.9	1168.4	1110.0	1057.8	1005.5	954.4	894.9	837.4	789.4
37.5°	1283.3	1193.5	1152.8	1113.1	1051.5	1001.4	958.6	910.5	853.1	797.8	751.8
40°	1238.4	1135.0	1093.3	1056.7	993.0	937.7	899.0	861.4	811.3	758.1	708.0
42.5°	1197.7	1080.7	1036.9	999.3	932.5	880.2	843.7	812.4	768.5	719.4	668.3
45°	1141.3	1022.3	977.4	937.7	869.8	820.7	783.1	756.0	721.5	675.6	629.6
47.5°	1089.1	965.9	916.8	868.8	807.2	757.0	722.6	701.7	678.7	638.0	591.0
50°	1025.4	901.1	851.0	811.3	741.4	698.6	664.1	649.5	628.6	590.0	552.4
52.5°	956.5	838.5	791.5	743.5	678.7	636.9	606.7	590.0	573.3	545.1	509.6
55°	876.1	768.5	724.7	681.8	617.1	578.5	551.3	533.6	524.2	498.1	472.0
57.5°	798.8	697.5	656.8	617.1	560.7	516.9	499.1	483.5	469.9	451.1	429.2
60°	720.5	628.6	584.7	549.2	500.2	460.5	445.9	430.2	419.8	405.1	389.5
62.5°	630.7	552.4	519.0	485.5	443.8	412.5	395.7	383.2	369.6	360.2	346.7
65°	535.7	480.3	448.0	422.9	383.2	355.0	342.5	334.1	322.7	313.3	302.8
67.5°	446.9	403.1	389.5	362.3	332.0	307.0	297.6	287.1	277.8	272.5	263.1
70°	361.3	330.0	316.4	309.1	275.7	259.0	250.6	246.4	234.9	229.7	223.5
72.5°	279.8	268.4	259.0	249.6	227.6	217.2	207.8	203.6	195.3	191.1	189.0
75°	206.7	199.4	194.2	193.2	183.8	173.3	163.9	161.8	155.6	151.4	149.3
77.5°	145.1	143.1	142.0	143.1	136.8	130.5	128.4	126.3	119.0	118.0	118.0
80°	95.0	100.2	100.2	99.2	97.1	96.1	92.9	90.8	86.7	85.6	86.7
82.5°	58.5	61.6	62.7	64.7	63.7	62.7	60.6	59.5	60.6	58.5	59.5
85°	29.2	31.3	35.5	35.5	36.5	36.5	36.5	35.5	33.4	34.5	33.4
87.5°	11.5	12.5	12.5	12.5	11.5	14.6	15.7	15.7	15.7	13.6	13.6
90°	17.3	14.9	13.7	12.3	9.6	6.9	4.2	1.5	4.2	6.9	9.6
92.5°	18.3	16.3	15.3	16.8	19.9	22.9	26.0	29.0	26.0	22.9	19.9
95°	63.1	76.0	82.5	83.0	84.0	85.1	86.1	87.1	86.1	85.1	84.0
97.5°	124.2	156.5	172.6	171.6	169.5	167.5	165.4	163.4	165.4	167.5	169.5
100°	261.7	260.3	259.6	259.1	258.1	257.1	256.1	255.1	256.1	257.1	258.1
102.5°	355.3	354.6	354.3	353.6	352.3	350.9	349.6	348.2	349.6	350.9	352.3
105°	455.1	455.1	455.1	454.4	453.1	451.7	450.4	449.0	450.4	451.7	453.1
107.5°	553.9	553.2	552.9	552.9	552.9	552.9	552.9	552.9	552.9	552.9	552.9
110°	654.7	654.0	653.7	653.7	653.7	653.7	653.7	653.7	653.7	653.7	653.7

TEST NUMBER: P1034911

CATALOG NUMBER: S125RDIW-B850D1560UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	753.5	753.2	753.0	752.5	751.5	750.4	749.4	748.4	749.4	750.4	751.5
115°	851.2	850.9	850.7	849.9	848.2	846.5	844.8	843.1	844.8	846.5	848.2
117.5°	944.4	943.1	942.4	942.4	942.4	942.4	942.4	942.4	942.4	942.4	942.4
120°	1034.0	1033.0	1032.5	1032.7	1033.0	1033.3	1033.7	1034.0	1033.7	1033.3	1033.0
122.5°	1123.1	1122.8	1122.6	1121.7	1120.0	1118.3	1116.6	1114.9	1116.6	1118.3	1120.0
125°	1209.6	1209.6	1209.6	1208.4	1206.0	1203.7	1201.3	1198.9	1201.3	1203.7	1206.0
127.5°	1287.0	1287.3	1287.5	1286.7	1285.0	1283.3	1281.6	1279.9	1281.6	1283.3	1285.0
130°	1361.3	1361.0	1360.8	1360.0	1358.3	1356.6	1354.9	1353.2	1354.9	1356.6	1358.3
132.5°	1434.2	1435.2	1435.7	1434.7	1432.6	1430.6	1428.5	1426.5	1428.5	1430.6	1432.6
135°	1503.4	1504.1	1504.4	1503.4	1501.3	1499.3	1497.2	1495.2	1497.2	1499.3	1501.3
137.5°	1567.6	1568.3	1568.6	1567.6	1565.5	1563.5	1561.4	1559.4	1561.4	1563.5	1565.5
140°	1624.6	1624.9	1625.1	1624.8	1624.1	1623.4	1622.7	1622.0	1622.7	1623.4	1624.1
142.5°	1681.0	1680.3	1680.0	1679.8	1679.5	1679.2	1678.8	1678.5	1678.8	1679.2	1679.5
145°	1736.6	1736.6	1736.6	1736.3	1735.6	1734.9	1734.2	1733.5	1734.2	1734.9	1735.6
147.5°	1782.9	1782.6	1782.4	1782.4	1782.4	1782.4	1782.4	1782.4	1782.4	1782.4	1782.4
150°	1826.1	1825.4	1825.1	1825.4	1826.1	1826.8	1827.5	1828.2	1827.5	1826.8	1826.1
152.5°	1865.8	1865.1	1864.8	1865.7	1867.4	1869.1	1870.8	1872.5	1870.8	1869.1	1867.4
155°	1901.0	1900.3	1900.0	1901.0	1903.0	1905.1	1907.1	1909.1	1907.1	1905.1	1903.0
157.5°	1933.6	1933.6	1933.6	1934.1	1935.1	1936.2	1937.2	1938.2	1937.2	1936.2	1935.1
160°	1960.0	1959.7	1959.5	1960.5	1962.6	1964.6	1966.7	1968.7	1966.7	1964.6	1962.6
162.5°	1984.5	1984.2	1984.0	1985.0	1987.0	1989.1	1991.1	1993.1	1991.1	1989.1	1987.0
165°	2005.9	2005.6	2005.4	2006.4	2008.4	2010.5	2012.5	2014.5	2012.5	2010.5	2008.4
167.5°	2022.7	2022.4	2022.2	2023.2	2025.2	2027.3	2029.3	2031.3	2029.3	2027.3	2025.2
170°	2034.9	2034.6	2034.4	2035.6	2038.0	2040.3	2042.7	2045.1	2042.7	2040.3	2038.0
172.5°	2044.5	2043.8	2043.5	2044.7	2047.1	2049.4	2051.8	2054.2	2051.8	2049.4	2047.1
175°	2051.7	2051.4	2051.2	2052.2	2054.2	2056.3	2058.3	2060.3	2058.3	2056.3	2054.2
177.5°	2056.3	2056.0	2055.8	2056.8	2058.8	2060.9	2062.9	2064.9	2062.9	2060.9	2058.8
180°	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3

TEST NUMBER: P1034911

CATALOG NUMBER: S125RDIW-B850D1560UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8
2.5°	1255.1	1250.9	1247.8	1244.7	1231.1	1216.5	1214.4	1211.2	1205.0	1212.3	1209.2
5°	1222.7	1213.3	1208.1	1194.5	1177.8	1165.3	1154.9	1142.3	1137.1	1132.9	1131.9
7.5°	1183.1	1174.7	1165.3	1151.7	1130.8	1110.0	1094.3	1081.8	1071.3	1066.1	1066.1
10°	1144.4	1134.0	1121.4	1098.5	1078.6	1052.5	1035.8	1023.3	1008.7	1000.3	993.0
12.5°	1104.7	1093.3	1081.8	1052.5	1029.6	1002.4	978.4	962.7	955.4	946.0	933.5
15°	1065.1	1047.3	1035.8	1006.6	977.4	950.2	934.5	917.8	901.1	891.7	887.6
17.5°	1023.3	1010.8	992.0	960.6	928.3	904.3	881.3	865.6	845.8	836.4	827.0
20°	985.7	966.9	948.1	916.8	885.5	853.1	830.1	811.3	798.8	791.5	783.1
22.5°	940.8	923.1	907.4	874.0	839.5	809.2	784.2	772.7	760.2	748.7	740.3
25°	902.2	884.4	868.8	832.2	794.6	766.4	747.6	733.0	719.4	714.2	705.9
27.5°	861.4	844.7	823.9	787.3	753.9	729.9	710.0	696.5	686.0	675.6	669.3
30°	822.8	804.0	785.2	745.5	718.4	694.4	675.6	658.9	650.5	645.3	634.9
32.5°	785.2	761.2	745.5	709.0	682.9	659.9	644.3	629.6	619.2	609.8	601.4
35°	744.5	718.4	702.7	672.5	645.3	622.3	608.8	598.3	585.8	577.4	573.3
37.5°	705.9	683.9	668.3	636.9	609.8	591.0	576.4	562.8	557.6	546.1	544.0
40°	664.1	645.3	630.7	600.4	575.3	560.7	545.1	532.5	523.1	517.9	510.6
42.5°	626.5	610.8	595.2	567.0	543.0	525.2	513.7	502.3	493.9	485.5	480.3
45°	592.0	575.3	560.7	533.6	509.6	493.9	482.4	468.8	466.7	455.3	450.0
47.5°	555.5	540.9	528.4	500.2	478.2	462.6	449.0	439.6	430.2	426.0	418.7
50°	520.0	505.4	490.8	465.7	445.9	430.2	416.6	406.2	401.0	394.7	388.4
52.5°	481.4	469.9	458.4	432.3	412.5	398.9	387.4	373.8	368.6	363.4	359.2
55°	449.0	432.3	419.8	397.8	380.1	365.5	352.9	342.5	337.3	333.1	327.9
57.5°	405.1	394.7	384.3	364.4	347.7	333.1	320.6	312.2	305.9	302.8	303.9
60°	367.6	356.1	349.8	328.9	312.2	300.7	289.2	280.9	274.6	271.5	270.4
62.5°	327.9	319.5	308.0	293.4	276.7	266.3	257.9	251.6	241.2	240.2	237.0
65°	289.2	283.0	272.5	259.0	245.4	236.0	226.6	218.2	214.1	208.8	205.7
67.5°	251.6	245.4	236.0	224.5	215.1	205.7	197.3	189.0	181.7	177.5	175.4
70°	215.1	209.9	203.6	190.0	178.6	171.2	165.0	159.8	152.5	150.4	149.3
72.5°	179.6	174.4	171.2	159.8	149.3	143.1	136.8	131.6	128.4	127.4	124.3
75°	147.2	142.0	137.8	127.4	121.1	116.9	110.7	108.6	105.5	104.4	103.4
77.5°	114.9	109.6	108.6	101.3	94.0	91.9	89.8	85.6	85.6	85.6	83.5
80°	82.5	81.4	80.4	73.1	70.0	67.9	66.8	63.7	61.6	59.5	58.5
82.5°	55.3	54.3	53.3	50.1	47.0	45.9	44.9	42.8	42.8	43.9	41.8
85°	33.4	31.3	30.3	29.2	27.1	27.1	28.2	27.1	27.1	27.1	26.1
87.5°	12.5	12.5	12.5	12.5	13.6	11.5	12.5	12.5	11.5	11.5	10.4
90°	12.3	13.7	14.9	17.3	19.6	22.0	24.4	26.1	27.8	29.5	31.2
92.5°	16.8	15.3	16.3	18.3	20.4	22.4	24.4	26.1	27.8	29.5	31.2
95°	83.0	82.5	76.0	63.1	50.2	37.3	24.4	26.1	27.8	29.5	31.2
97.5°	171.6	172.6	156.5	124.2	92.0	59.7	27.5	28.2	28.8	29.5	30.2
100°	259.1	259.6	260.3	261.7	263.0	264.4	265.8	215.2	164.6	114.1	63.5
102.5°	353.6	354.3	354.6	355.3	356.0	356.7	357.4	358.1	358.7	359.4	360.1
105°	454.4	455.1	455.1	455.1	455.1	455.1	455.1	455.1	455.1	455.1	455.1
107.5°	552.9	552.9	553.2	553.9	554.6	555.2	555.9	556.3	556.6	557.0	557.3
110°	653.7	653.7	654.0	654.7	655.4	656.0	656.7	655.7	654.7	653.7	652.7

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CATALOG NUMBER: S125RDIW-B850D1560UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	752.5	753.0	753.2	753.5	753.8	754.2	754.5	753.1	751.8	750.4	749.1
115°	849.9	850.7	850.9	851.2	851.5	851.9	852.2	850.8	849.5	848.1	846.8
117.5°	942.4	942.4	943.1	944.4	945.8	947.1	948.5	946.5	944.4	942.4	940.3
120°	1032.7	1032.5	1033.0	1034.0	1035.0	1036.0	1037.0	1036.3	1035.7	1035.0	1034.3
122.5°	1121.7	1122.6	1122.8	1123.1	1123.4	1123.8	1124.1	1123.4	1122.7	1122.0	1121.3
125°	1208.4	1209.6	1209.6	1209.6	1209.6	1209.6	1209.6	1208.2	1206.9	1205.5	1204.2
127.5°	1286.7	1287.5	1287.3	1287.0	1286.7	1286.3	1286.0	1285.3	1284.6	1283.9	1283.2
130°	1360.0	1360.8	1361.0	1361.3	1361.7	1362.0	1362.4	1361.4	1360.4	1359.3	1358.3
132.5°	1434.7	1435.7	1435.2	1434.2	1433.1	1432.1	1431.1	1431.1	1431.1	1431.1	1431.1
135°	1503.4	1504.4	1504.1	1503.4	1502.7	1502.0	1501.3	1500.6	1500.0	1499.3	1498.6
137.5°	1567.6	1568.6	1568.3	1567.6	1566.9	1566.2	1565.5	1565.5	1565.5	1565.5	1565.5
140°	1624.8	1625.1	1624.9	1624.6	1624.2	1623.9	1623.5	1624.2	1624.9	1625.6	1626.3
142.5°	1679.8	1680.0	1680.3	1681.0	1681.7	1682.4	1683.1	1683.1	1683.1	1683.1	1683.1
145°	1736.3	1736.6	1736.6	1736.6	1736.6	1736.6	1736.6	1736.9	1737.3	1737.6	1737.9
147.5°	1782.4	1782.4	1782.6	1782.9	1783.2	1783.6	1783.9	1784.2	1784.6	1784.9	1785.2
150°	1825.4	1825.1	1825.4	1826.1	1826.8	1827.5	1828.2	1828.9	1829.5	1830.2	1830.9
152.5°	1865.7	1864.8	1865.1	1865.8	1866.5	1867.2	1867.9	1868.6	1869.3	1870.0	1870.7
155°	1901.0	1900.0	1900.3	1901.0	1901.7	1902.3	1903.0	1904.0	1905.0	1906.1	1907.1
157.5°	1934.1	1933.6	1933.6	1933.6	1933.6	1933.6	1933.6	1934.6	1935.6	1936.7	1937.7
160°	1960.5	1959.5	1959.7	1960.0	1960.4	1960.7	1961.1	1962.5	1963.8	1965.2	1966.5
162.5°	1985.0	1984.0	1984.2	1984.5	1984.8	1985.2	1985.5	1987.5	1989.6	1991.6	1993.7
165°	2006.4	2005.4	2005.6	2005.9	2006.2	2006.6	2006.9	2008.9	2011.0	2013.0	2015.1
167.5°	2023.2	2022.2	2022.4	2022.7	2023.0	2023.4	2023.7	2026.1	2028.5	2030.8	2033.2
170°	2035.6	2034.4	2034.6	2034.9	2035.2	2035.6	2035.9	2038.6	2041.3	2044.0	2046.7
172.5°	2044.7	2043.5	2043.8	2044.5	2045.2	2045.9	2046.6	2049.0	2051.4	2053.7	2056.1
175°	2052.2	2051.2	2051.4	2051.7	2052.0	2052.4	2052.7	2055.4	2058.1	2060.8	2063.5
177.5°	2056.8	2055.8	2056.0	2056.3	2056.6	2057.0	2057.3	2059.7	2062.1	2064.4	2066.8
180°	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3

TEST NUMBER: P1034911

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8
2.5°	1203.9	1206.0	1200.8	1198.7	1194.5	1199.8	1200.8	1199.8	1209.2	1205.0	1207.1
5°	1134.0	1129.8	1126.7	1119.4	1119.4	1120.4	1123.5	1118.3	1121.4	1128.8	1127.7
7.5°	1056.7	1054.6	1055.7	1047.3	1041.0	1043.1	1041.0	1050.4	1055.7	1053.6	1057.8
10°	986.7	990.9	981.5	977.4	973.2	977.4	976.3	978.4	984.7	988.8	996.1
12.5°	930.4	929.3	924.1	919.9	912.6	914.7	921.0	918.9	919.9	929.3	928.3
15°	877.1	870.8	866.7	857.3	859.4	852.1	858.3	865.6	868.8	877.1	882.3
17.5°	823.9	822.8	817.6	816.5	805.1	801.9	808.2	810.3	813.4	817.6	824.9
20°	779.0	777.9	770.6	768.5	759.1	765.4	763.3	767.5	769.6	777.9	781.0
22.5°	738.2	733.0	730.9	727.8	724.7	723.6	727.8	726.7	734.1	737.2	738.2
25°	700.6	696.5	695.4	690.2	688.1	685.0	688.1	691.2	699.6	702.7	706.9
27.5°	666.2	663.1	661.0	656.8	653.7	653.7	655.7	659.9	663.1	665.1	667.2
30°	634.9	632.8	626.5	624.4	621.3	621.3	621.3	623.4	628.6	634.9	638.0
32.5°	602.5	598.3	594.1	594.1	591.0	591.0	592.0	594.1	599.4	600.4	605.6
35°	571.2	567.0	563.9	561.8	562.8	558.6	560.7	563.9	570.1	572.2	575.3
37.5°	540.9	539.8	533.6	530.4	532.5	532.5	531.5	533.6	537.8	541.9	544.0
40°	507.5	505.4	505.4	502.3	503.3	499.1	502.3	504.3	506.4	510.6	513.7
42.5°	478.2	476.1	472.0	473.0	469.9	469.9	472.0	473.0	476.1	481.4	483.5
45°	446.9	446.9	444.8	441.7	442.7	439.6	441.7	442.7	446.9	452.1	450.0
47.5°	416.6	415.6	415.6	411.4	413.5	410.4	413.5	414.5	416.6	419.8	418.7
50°	387.4	384.3	385.3	384.3	383.2	383.2	385.3	385.3	387.4	387.4	390.5
52.5°	357.1	357.1	355.0	356.1	358.2	356.1	359.2	356.1	358.2	359.2	361.3
55°	330.0	327.9	328.9	327.9	332.0	328.9	332.0	330.0	332.0	331.0	333.1
57.5°	300.7	297.6	298.6	297.6	300.7	299.7	302.8	299.7	300.7	301.8	304.9
60°	267.3	267.3	267.3	265.2	268.4	268.4	267.3	267.3	271.5	273.6	272.5
62.5°	236.0	234.9	231.8	230.8	231.8	229.7	233.9	232.9	234.9	237.0	239.1
65°	201.5	199.4	198.4	196.3	196.3	195.3	196.3	200.5	201.5	202.6	207.8
67.5°	173.3	172.3	171.2	168.1	168.1	170.2	170.2	170.2	176.5	173.3	177.5
70°	148.3	146.2	144.1	143.1	143.1	144.1	145.1	146.2	145.1	149.3	150.4
72.5°	124.3	125.3	123.2	123.2	123.2	122.2	122.2	124.3	125.3	124.3	125.3
75°	103.4	103.4	102.3	103.4	103.4	102.3	102.3	104.4	104.4	103.4	106.5
77.5°	83.5	82.5	80.4	78.3	79.4	78.3	79.4	78.3	81.4	84.6	82.5
80°	58.5	57.4	57.4	57.4	58.5	57.4	59.5	57.4	58.5	58.5	59.5
82.5°	41.8	42.8	42.8	41.8	42.8	41.8	42.8	42.8	42.8	41.8	42.8
85°	27.1	27.1	27.1	27.1	26.1	27.1	27.1	27.1	28.2	27.1	28.2
87.5°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	12.5	11.5	12.5
90°	32.1	32.6	33.6	34.7	35.7	36.7	35.7	34.7	33.6	32.6	32.1
92.5°	32.1	32.3	32.6	32.9	33.3	33.6	33.3	32.9	32.6	32.3	32.1
95°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
97.5°	30.5	30.7	31.0	31.4	31.7	32.1	31.7	31.4	31.0	30.7	30.5
100°	38.2	37.5	36.2	34.8	33.5	32.1	33.5	34.8	36.2	37.5	38.2
102.5°	360.4	346.2	317.7	289.2	260.7	232.2	260.7	289.2	317.7	346.2	360.4
105°	455.1	454.9	454.6	454.3	453.9	453.6	453.9	454.3	454.6	454.9	455.1
107.5°	557.5	556.8	555.5	554.1	552.8	551.4	552.8	554.1	555.5	556.8	557.5
110°	652.2	652.4	652.7	653.0	653.4	653.7	653.4	653.0	652.7	652.4	652.2

TEST NUMBER: P1034911

CATALOG NUMBER: S125RDIW-B850D1560UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	748.4	748.1	747.4	746.7	746.0	745.3	746.0	746.7	747.4	748.1	748.4
115°	846.1	845.1	843.1	841.0	839.0	837.0	839.0	841.0	843.1	845.1	846.1
117.5°	939.3	939.0	938.3	937.6	936.9	936.2	936.9	937.6	938.3	939.0	939.3
120°	1034.0	1033.2	1031.5	1029.8	1028.1	1026.4	1028.1	1029.8	1031.5	1033.2	1034.0
122.5°	1121.0	1120.0	1118.0	1115.9	1113.9	1111.9	1113.9	1115.9	1118.0	1120.0	1121.0
125°	1203.5	1203.0	1202.0	1200.9	1199.9	1198.9	1199.9	1200.9	1202.0	1203.0	1203.5
127.5°	1282.9	1281.5	1278.8	1276.1	1273.4	1270.7	1273.4	1276.1	1278.8	1281.5	1282.9
130°	1357.8	1356.9	1355.2	1353.5	1351.8	1350.1	1351.8	1353.5	1355.2	1356.9	1357.8
132.5°	1431.1	1430.3	1428.6	1426.9	1425.2	1423.5	1425.2	1426.9	1428.6	1430.3	1431.1
135°	1498.3	1497.3	1495.2	1493.2	1491.1	1489.1	1491.1	1493.2	1495.2	1497.3	1498.3
137.5°	1565.5	1564.7	1563.0	1561.3	1559.6	1557.9	1559.6	1561.3	1563.0	1564.7	1565.5
140°	1626.6	1625.6	1623.5	1621.5	1619.4	1617.4	1619.4	1621.5	1623.5	1625.6	1626.6
142.5°	1683.1	1682.1	1680.0	1678.0	1675.9	1673.9	1675.9	1678.0	1680.0	1682.1	1683.1
145°	1738.1	1737.1	1735.0	1733.0	1730.9	1728.9	1730.9	1733.0	1735.0	1737.1	1738.1
147.5°	1785.4	1784.2	1781.8	1779.5	1777.1	1774.7	1777.1	1779.5	1781.8	1784.2	1785.4
150°	1831.2	1829.8	1827.1	1824.4	1821.7	1819.0	1821.7	1824.4	1827.1	1829.8	1831.2
152.5°	1871.0	1869.8	1867.4	1865.1	1862.7	1860.3	1862.7	1865.1	1867.4	1869.8	1871.0
155°	1907.6	1906.2	1903.5	1900.8	1898.1	1895.4	1898.1	1900.8	1903.5	1906.2	1907.6
157.5°	1938.2	1936.8	1934.1	1931.4	1928.6	1925.9	1928.6	1931.4	1934.1	1936.8	1938.2
160°	1967.2	1965.8	1963.1	1960.4	1957.7	1955.0	1957.7	1960.4	1963.1	1965.8	1967.2
162.5°	1994.7	1993.2	1990.1	1987.0	1984.0	1980.9	1984.0	1987.0	1990.1	1993.2	1994.7
165°	2016.1	2014.7	2012.0	2009.3	2006.5	2003.8	2006.5	2009.3	2012.0	2014.7	2016.1
167.5°	2034.4	2032.9	2029.8	2026.7	2023.7	2020.6	2023.7	2026.7	2029.8	2032.9	2034.4
170°	2048.1	2046.6	2043.5	2040.5	2037.4	2034.4	2037.4	2040.5	2043.5	2046.6	2048.1
172.5°	2057.3	2055.8	2052.7	2049.6	2046.6	2043.5	2046.6	2049.6	2052.7	2055.8	2057.3
175°	2064.9	2063.4	2060.3	2057.3	2054.2	2051.2	2054.2	2057.3	2060.3	2063.4	2064.9
177.5°	2068.0	2066.6	2063.9	2061.2	2058.5	2055.8	2058.5	2061.2	2063.9	2066.6	2068.0
180°	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8	1271.8
2.5°	1202.9	1208.1	1203.9	1200.8	1209.2	1213.3	1213.3	1220.6	1228.0	1234.2	1235.3
5°	1128.8	1137.1	1139.2	1138.2	1150.7	1157.0	1170.5	1177.8	1188.3	1195.6	1203.9
7.5°	1060.9	1072.4	1073.4	1075.5	1094.3	1104.7	1116.2	1135.0	1149.6	1160.1	1169.5
10°	993.0	1000.3	1007.6	1017.0	1035.8	1053.6	1070.3	1090.1	1108.9	1119.4	1132.9
12.5°	941.9	947.1	955.4	961.7	981.5	997.2	1019.1	1046.3	1073.4	1081.8	1098.5
15°	888.6	891.7	908.4	914.7	931.4	957.5	971.1	997.2	1026.4	1042.1	1060.9
17.5°	827.0	845.8	856.2	863.5	884.4	905.3	927.2	954.4	992.0	1006.6	1020.2
20°	783.1	796.7	808.2	817.6	836.4	867.7	887.6	909.5	945.0	961.7	981.5
22.5°	744.5	756.0	766.4	776.9	789.4	817.6	840.6	870.8	906.3	922.0	945.0
25°	708.0	719.4	725.7	738.2	754.9	774.8	801.9	829.1	864.6	882.3	904.3
27.5°	672.5	683.9	695.4	705.9	717.4	736.1	754.9	789.4	825.9	846.8	865.6
30°	642.2	647.4	657.8	669.3	680.8	698.6	720.5	744.5	786.3	805.1	828.0
32.5°	608.8	618.2	625.5	633.8	648.4	663.1	682.9	713.2	746.6	764.3	789.4
35°	577.4	585.8	591.0	605.6	615.0	630.7	650.5	677.7	705.9	725.7	747.6
37.5°	547.2	555.5	561.8	570.1	582.7	596.2	617.1	636.9	670.4	687.1	712.1
40°	515.8	523.1	530.4	539.8	551.3	568.0	580.6	605.6	632.8	651.6	670.4
42.5°	485.5	489.7	498.1	508.5	520.0	534.6	552.4	572.2	599.4	616.1	632.8
45°	453.2	460.5	469.9	477.2	487.6	502.3	517.9	535.7	562.8	579.5	597.3
47.5°	422.9	428.1	434.4	445.9	459.4	469.9	486.6	503.3	528.4	544.0	560.7
50°	391.6	396.8	406.2	413.5	423.9	437.5	453.2	470.9	494.9	505.4	522.1
52.5°	362.3	364.4	373.8	381.1	391.6	407.2	419.8	435.4	458.4	469.9	486.6
55°	333.1	335.2	340.4	347.7	359.2	371.7	385.3	403.1	422.9	433.3	449.0
57.5°	302.8	304.9	310.1	315.3	326.8	338.3	354.0	368.6	388.4	397.8	412.5
60°	272.5	272.5	277.8	285.1	293.4	303.9	317.4	335.2	349.8	361.3	371.7
62.5°	240.2	243.3	246.4	251.6	261.0	273.6	285.1	297.6	315.3	323.7	333.1
65°	207.8	210.9	217.2	222.4	229.7	238.1	252.7	263.1	276.7	286.1	294.5
67.5°	179.6	182.7	186.9	193.2	198.4	207.8	218.2	228.7	243.3	249.6	255.8
70°	150.4	153.5	156.6	165.0	170.2	177.5	184.8	195.3	207.8	212.0	217.2
72.5°	127.4	128.4	132.6	134.7	142.0	148.3	156.6	162.9	172.3	177.5	181.7
75°	107.6	107.6	108.6	110.7	114.9	119.0	125.3	131.6	139.9	143.1	148.3
77.5°	84.6	87.7	86.7	88.8	90.8	92.9	98.2	102.3	110.7	112.8	114.9
80°	60.6	61.6	64.7	67.9	67.9	71.0	74.1	75.2	80.4	83.5	83.5
82.5°	43.9	44.9	43.9	44.9	45.9	47.0	50.1	54.3	54.3	55.3	57.4
85°	27.1	27.1	28.2	29.2	29.2	28.2	30.3	29.2	30.3	32.4	32.4
87.5°	13.6	12.5	12.5	12.5	12.5	12.5	13.6	12.5	13.6	13.6	13.6
90°	31.2	29.5	27.8	26.1	24.4	22.0	19.6	17.3	14.9	13.7	12.3
92.5°	31.2	29.5	27.8	26.1	24.4	22.4	20.4	18.3	16.3	15.3	16.8
95°	31.2	29.5	27.8	26.1	24.4	37.3	50.2	63.1	76.0	82.5	83.0
97.5°	30.2	29.5	28.8	28.2	27.5	59.7	92.0	124.2	156.5	172.6	171.6
100°	63.5	114.1	164.6	215.2	265.8	264.4	263.0	261.7	260.3	259.6	259.1
102.5°	360.1	359.4	358.7	358.1	357.4	356.7	356.0	355.3	354.6	354.3	353.6
105°	455.1	455.1	455.1	455.1	455.1	455.1	455.1	455.1	455.1	455.1	454.4
107.5°	557.3	557.0	556.6	556.3	555.9	555.2	554.6	553.9	553.2	552.9	552.9
110°	652.7	653.7	654.7	655.7	656.7	656.0	655.4	654.7	654.0	653.7	653.7

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CATALOG NUMBER: S125RDIW-B850D1560UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	749.1	750.4	751.8	753.1	754.5	754.2	753.8	753.5	753.2	753.0	752.5
115°	846.8	848.1	849.5	850.8	852.2	851.9	851.5	851.2	850.9	850.7	849.9
117.5°	940.3	942.4	944.4	946.5	948.5	947.1	945.8	944.4	943.1	942.4	942.4
120°	1034.3	1035.0	1035.7	1036.3	1037.0	1036.0	1035.0	1034.0	1033.0	1032.5	1032.7
122.5°	1121.3	1122.0	1122.7	1123.4	1124.1	1123.8	1123.4	1123.1	1122.8	1122.6	1121.7
125°	1204.2	1205.5	1206.9	1208.2	1209.6	1209.6	1209.6	1209.6	1209.6	1209.6	1208.4
127.5°	1283.2	1283.9	1284.6	1285.3	1286.0	1286.3	1286.7	1287.0	1287.3	1287.5	1286.7
130°	1358.3	1359.3	1360.4	1361.4	1362.4	1362.0	1361.7	1361.3	1361.0	1360.8	1360.0
132.5°	1431.1	1431.1	1431.1	1431.1	1431.1	1432.1	1433.1	1434.2	1435.2	1435.7	1434.7
135°	1498.6	1499.3	1500.0	1500.6	1501.3	1502.0	1502.7	1503.4	1504.1	1504.4	1503.4
137.5°	1565.5	1565.5	1565.5	1565.5	1565.5	1566.2	1566.9	1567.6	1568.3	1568.6	1567.6
140°	1626.3	1625.6	1624.9	1624.2	1623.5	1623.9	1624.2	1624.6	1624.9	1625.1	1624.8
142.5°	1683.1	1683.1	1683.1	1683.1	1683.1	1682.4	1681.7	1681.0	1680.3	1680.0	1679.8
145°	1737.9	1737.6	1737.3	1736.9	1736.6	1736.6	1736.6	1736.6	1736.6	1736.6	1736.3
147.5°	1785.2	1784.9	1784.6	1784.2	1783.9	1783.6	1783.2	1782.9	1782.6	1782.4	1782.4
150°	1830.9	1830.2	1829.5	1828.9	1828.2	1827.5	1826.8	1826.1	1825.4	1825.1	1825.4
152.5°	1870.7	1870.0	1869.3	1868.6	1867.9	1867.2	1866.5	1865.8	1865.1	1864.8	1865.7
155°	1907.1	1906.1	1905.0	1904.0	1903.0	1902.3	1901.7	1901.0	1900.3	1900.0	1901.0
157.5°	1937.7	1936.7	1935.6	1934.6	1933.6	1933.6	1933.6	1933.6	1933.6	1933.6	1934.1
160°	1966.5	1965.2	1963.8	1962.5	1961.1	1960.7	1960.4	1960.0	1959.7	1959.5	1960.5
162.5°	1993.7	1991.6	1989.6	1987.5	1985.5	1985.2	1984.8	1984.5	1984.2	1984.0	1985.0
165°	2015.1	2013.0	2011.0	2008.9	2006.9	2006.6	2006.2	2005.9	2005.6	2005.4	2006.4
167.5°	2033.2	2030.8	2028.5	2026.1	2023.7	2023.4	2023.0	2022.7	2022.4	2022.2	2023.2
170°	2046.7	2044.0	2041.3	2038.6	2035.9	2035.6	2035.2	2034.9	2034.6	2034.4	2035.6
172.5°	2056.1	2053.7	2051.4	2049.0	2046.6	2045.9	2045.2	2044.5	2043.8	2043.5	2044.7
175°	2063.5	2060.8	2058.1	2055.4	2052.7	2052.4	2052.0	2051.7	2051.4	2051.2	2052.2
177.5°	2066.8	2064.4	2062.1	2059.7	2057.3	2057.0	2056.6	2056.3	2056.0	2055.8	2056.8
180°	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1271.8	1271.8	1271.8	1271.8
2.5°	1242.6	1252.0	1261.4	1272.9
5°	1217.5	1234.2	1252.0	1268.7
7.5°	1190.4	1214.4	1237.4	1261.4
10°	1160.1	1190.4	1216.5	1249.9
12.5°	1126.7	1159.0	1195.6	1233.2
15°	1093.3	1134.0	1172.6	1215.4
17.5°	1061.9	1100.6	1143.4	1194.5
20°	1024.3	1067.2	1115.2	1169.5
22.5°	984.7	1031.6	1083.9	1142.3
25°	951.2	999.3	1049.4	1111.0
27.5°	914.7	964.8	1013.9	1079.7
30°	872.9	927.2	977.4	1045.2
32.5°	833.3	887.6	942.9	1006.6
35°	794.6	847.9	903.2	968.0
37.5°	758.1	806.1	860.4	918.9
40°	723.6	767.5	815.5	868.8
42.5°	679.8	730.9	775.8	814.5
45°	642.2	683.9	725.7	757.0
47.5°	598.3	640.1	675.6	700.6
50°	561.8	595.2	624.4	646.3
52.5°	517.9	549.2	573.3	590.0
55°	475.1	502.3	523.1	534.6
57.5°	436.5	454.2	469.9	480.3
60°	393.7	407.2	420.8	432.3
62.5°	347.7	362.3	369.6	382.2
65°	307.0	316.4	327.9	332.0
67.5°	267.3	272.5	279.8	288.2
70°	225.5	228.7	236.0	247.5
72.5°	189.0	192.1	197.3	201.5
75°	150.4	153.5	157.7	161.8
77.5°	118.0	119.0	121.1	125.3
80°	85.6	88.8	90.8	91.9
82.5°	59.5	60.6	60.6	61.6
85°	37.6	35.5	35.5	36.5
87.5°	13.6	15.7	15.7	17.8
90°	9.6	6.9	4.2	1.5
92.5°	19.9	22.9	26.0	29.0
95°	84.0	85.1	86.1	87.1
97.5°	169.5	167.5	165.4	163.4
100°	258.1	257.1	256.1	255.1
102.5°	352.3	350.9	349.6	348.2
105°	453.1	451.7	450.4	449.0
107.5°	552.9	552.9	552.9	552.9
110°	653.7	653.7	653.7	653.7

TEST NUMBER: P1034911

CATALOG NUMBER: S125RDIW-B850D1560UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	751.5	750.4	749.4	748.4
115°	848.2	846.5	844.8	843.1
117.5°	942.4	942.4	942.4	942.4
120°	1033.0	1033.3	1033.7	1034.0
122.5°	1120.0	1118.3	1116.6	1114.9
125°	1206.0	1203.7	1201.3	1198.9
127.5°	1285.0	1283.3	1281.6	1279.9
130°	1358.3	1356.6	1354.9	1353.2
132.5°	1432.6	1430.6	1428.5	1426.5
135°	1501.3	1499.3	1497.2	1495.2
137.5°	1565.5	1563.5	1561.4	1559.4
140°	1624.1	1623.4	1622.7	1622.0
142.5°	1679.5	1679.2	1678.8	1678.5
145°	1735.6	1734.9	1734.2	1733.5
147.5°	1782.4	1782.4	1782.4	1782.4
150°	1826.1	1826.8	1827.5	1828.2
152.5°	1867.4	1869.1	1870.8	1872.5
155°	1903.0	1905.1	1907.1	1909.1
157.5°	1935.1	1936.2	1937.2	1938.2
160°	1962.6	1964.6	1966.7	1968.7
162.5°	1987.0	1989.1	1991.1	1993.1
165°	2008.4	2010.5	2012.5	2014.5
167.5°	2025.2	2027.3	2029.3	2031.3
170°	2038.0	2040.3	2042.7	2045.1
172.5°	2047.1	2049.4	2051.8	2054.2
175°	2054.2	2056.3	2058.3	2060.3
177.5°	2058.8	2060.9	2062.9	2064.9
180°	2060.3	2060.3	2060.3	2060.3

(END OF REPORT)