

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: P1027066

Luminaire Tested: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027066
REPORT IS A COMBINATION OF REPORTS P1004967 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3500K
Description: Define 5 Regressed Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721}
{m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

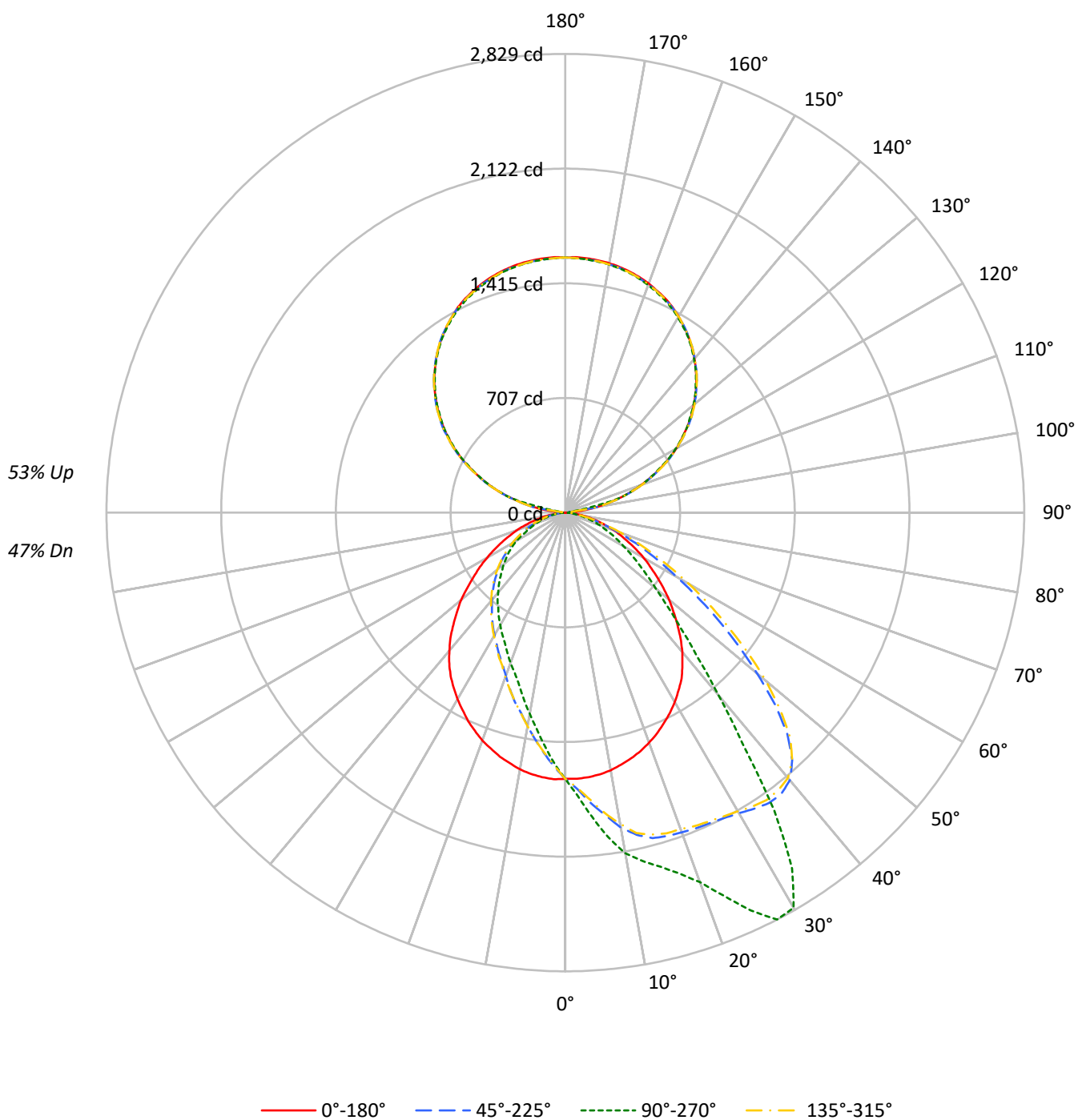
Lumens per Lamp: N/A
Luminaire Lumens: 9089.0 lumens
Efficiency: N/A
Efficacy: 111.1 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 81.8
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					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	106	106	106	106	98	98	98	98	82	82	82	67	67	67	53	53	53			47
1	97	93	90	86	89	86	83	80	72	70	68	59	58	56	48	47	46			40
2	89	82	76	71	82	76	70	66	64	60	57	53	50	48	42	41	39			34
3	81	72	65	60	75	67	61	56	56	52	48	47	43	41	38	36	34			29
4	75	64	56	51	68	59	53	47	50	45	41	42	38	35	34	31	29			26
5	69	57	49	44	63	53	46	41	45	40	36	38	34	31	31	28	26			22
6	63	51	43	38	58	48	41	36	41	35	31	34	30	27	28	25	23			20
7	58	46	39	33	54	43	36	31	37	31	28	31	27	24	26	22	20			18
8	54	42	35	29	50	39	32	28	34	28	24	28	24	21	23	20	18			16
9	50	38	31	26	46	36	29	25	31	26	22	26	22	19	22	19	16			14
10	47	35	28	23	43	33	27	22	28	23	20	24	20	17	20	17	15			13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10518	10518	10518	10518
5°	10509	11854	10509	9112
10°	10450	13321	10415	7877
15°	10337	14093	10266	6858
20°	10199	15213	10108	6199
25°	10021	17220	9908	5626
30°	9839	18303	9692	5216
35°	9604	15053	9470	4834
40°	9186	10222	9109	4491
45°	8638	7349	8626	4153
50°	8075	5651	8114	3840
55°	7443	4595	7428	3539
60°	6854	3766	6820	3143
65°	6167	3138	6206	2529
70°	5599	2519	5576	2106
75°	4730	1908	4730	1732
80°	3833	1163	3791	1163
85°	2699	612	2619	691

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 14972 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	157.4	1.7
10°-20°	461.5	5.1
20°-30°	731.8	8.1
30°-40°	884.2	9.7
40°-50°	787.3	8.7
50°-60°	603.7	6.6
60°-70°	392.1	4.3
70°-80°	190.3	2.1
80°-90°	47.1	0.5
90°-100°	53.4	0.6
100°-110°	355.1	3.9
110°-120°	639.5	7.0
120°-130°	820.9	9.0
130°-140°	882.9	9.7
140°-150°	828.6	9.1
150°-160°	670.3	7.4
160°-170°	433.5	4.8
170°-180°	149.5	1.6
0°-30°	1350.7	14.9
0°-40°	2234.9	24.6
0°-60°	3625.9	39.9
0°-90°	4255.3	46.8
90°-120°	1048.1	11.5
90°-150°	3580.5	39.4
90°-180°	4834.0	53.2
0°-180°	9089.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1642	1642	1642	1642	1642	
5°	1638	1882	1638	1446	1638	156
15°	1569	2260	1558	1100	1569	442
25°	1434	2706	1418	884	1434	661
35°	1249	2245	1232	721	1249	778
45°	977	1004	976	567	977	754
55°	690	551	689	424	690	618
65°	429	313	431	252	429	428
75°	209	146	209	132	209	224
85°	47	31	46	35	47	54
90°	1	28	1	28	1	7
95°	66	24	66	24	66	81
105°	343	346	343	346	343	363
115°	644	639	644	639	644	638
125°	916	916	916	916	916	818
135°	1142	1137	1142	1137	1142	880
145°	1324	1320	1324	1320	1324	828
155°	1458	1448	1458	1448	1458	672
165°	1539	1530	1539	1530	1539	435
175°	1574	1567	1574	1567	1574	150
180°	1574	1574	1574	1574	1574	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1642.9	1656.4	1660.5	1671.2	1683.4	1686.1	1692.8	1702.2	1707.6	1706.3	1706.3
5°	1637.5	1660.5	1676.6	1695.5	1718.4	1727.8	1735.9	1756.1	1772.3	1781.7	1797.9
7.5°	1628.1	1661.8	1688.8	1717.1	1752.1	1768.3	1785.8	1814.1	1843.7	1862.6	1880.1
10°	1613.3	1656.4	1694.1	1735.9	1783.1	1807.4	1828.9	1872.0	1908.4	1932.7	1973.1
12.5°	1591.7	1645.6	1698.2	1753.4	1812.7	1838.4	1868.0	1915.2	1966.4	2001.4	2035.1
15°	1568.8	1633.5	1690.1	1756.1	1827.6	1866.7	1904.4	1954.3	2000.1	2039.2	2078.3
17.5°	1541.8	1610.6	1680.7	1756.1	1837.0	1876.1	1908.4	1967.7	2016.3	2055.3	2090.4
20°	1509.5	1586.3	1665.8	1749.4	1831.6	1868.0	1899.0	1963.7	2006.8	2048.6	2098.5
22.5°	1474.5	1558.0	1642.9	1725.1	1806.0	1845.1	1881.5	1938.1	1985.3	2041.9	2106.6
25°	1434.0	1525.7	1611.9	1694.1	1771.0	1807.4	1839.7	1901.7	1967.7	2039.2	2112.0
27.5°	1393.6	1482.5	1566.1	1641.6	1725.1	1758.8	1791.2	1869.4	1947.5	2023.0	2122.7
30°	1349.1	1439.4	1512.2	1582.3	1663.1	1698.2	1738.6	1827.6	1916.5	2019.0	2140.3
32.5°	1299.2	1381.5	1448.9	1521.6	1594.4	1637.5	1688.8	1785.8	1888.2	2010.9	2165.9
35°	1249.4	1315.4	1377.4	1446.2	1533.8	1579.6	1629.5	1731.9	1859.9	2006.8	2187.4
37.5°	1186.0	1249.4	1297.9	1368.0	1458.3	1512.2	1562.1	1680.7	1826.2	1997.4	2186.1
40°	1121.3	1175.3	1221.1	1293.9	1392.2	1442.1	1496.0	1625.4	1791.2	1970.4	2153.7
42.5°	1051.3	1097.1	1147.0	1217.0	1312.7	1361.2	1423.2	1574.2	1742.7	1932.7	2070.2
45°	977.1	1021.6	1063.4	1136.2	1231.9	1284.4	1351.8	1506.8	1683.4	1853.2	1935.4
47.5°	904.4	943.4	987.9	1051.3	1148.3	1206.3	1275.0	1440.8	1603.8	1746.7	1753.4
50°	834.3	865.3	903.0	967.7	1068.8	1124.0	1195.5	1350.5	1509.5	1607.9	1541.8
52.5°	761.5	789.8	828.9	885.5	979.8	1044.5	1106.5	1261.5	1394.9	1461.0	1339.7
55°	690.1	714.3	754.8	818.1	900.3	950.2	1013.5	1157.7	1275.0	1276.3	1144.3
57.5°	620.0	641.5	675.2	731.8	808.7	866.6	924.6	1049.9	1129.4	1106.5	959.6
60°	558.0	571.5	602.5	657.7	729.1	770.9	832.9	938.0	990.6	948.8	791.1
62.5°	493.3	506.8	531.0	575.5	642.9	687.4	726.4	812.7	849.1	785.7	656.4
65°	428.6	444.8	462.3	497.3	560.7	590.3	625.4	688.7	723.8	649.6	537.8
67.5°	372.0	380.1	397.6	434.0	478.5	505.4	529.7	572.8	579.5	520.2	428.6
70°	319.4	322.1	338.3	359.9	393.5	409.7	429.9	455.5	455.5	407.0	334.2
72.5°	260.1	264.2	276.3	299.2	319.4	327.5	334.2	350.4	347.7	303.2	253.4
75°	208.9	211.6	221.0	231.8	239.9	254.7	260.1	257.4	256.1	218.3	190.0
77.5°	161.7	163.1	169.8	179.3	180.6	186.0	181.9	181.9	169.8	148.3	133.4
80°	118.6	120.0	122.6	125.3	125.3	125.3	125.3	118.6	110.5	97.0	93.0
82.5°	79.5	79.5	80.9	83.6	82.2	79.5	76.8	70.1	64.7	60.6	58.0
85°	47.2	47.2	48.5	47.2	41.8	40.4	37.7	36.4	35.0	33.7	33.7
87.5°	22.9	21.6	18.9	16.2	16.2	16.2	16.2	16.2	16.2	14.8	14.8
90°	1.2	3.3	5.3	7.4	9.5	10.5	11.4	13.2	15.1	16.9	18.7
92.5°	22.2	19.9	17.5	15.2	12.9	11.7	12.5	14.0	15.6	17.1	18.7
95°	66.5	65.7	64.9	64.2	63.4	63.0	58.1	48.2	38.4	28.5	18.7
97.5°	124.8	126.4	127.9	129.5	131.0	131.8	119.5	94.9	70.2	45.6	21.0
100°	194.8	195.6	196.4	197.1	197.9	198.3	198.8	199.9	200.9	202.0	203.0
102.5°	266.0	267.0	268.0	269.1	270.1	270.6	270.9	271.4	271.9	272.5	273.0
105°	342.9	343.9	345.0	346.0	347.1	347.6	347.6	347.6	347.6	347.6	347.6
107.5°	422.3	422.3	422.3	422.3	422.3	422.3	422.6	423.1	423.6	424.1	424.6
110°	499.2	499.2	499.2	499.2	499.2	499.2	499.5	500.0	500.5	501.1	501.6

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	571.6	572.4	573.2	573.9	574.7	575.1	575.2	575.5	575.7	576.0	576.2
115°	643.9	645.2	646.5	647.8	649.1	649.7	649.8	650.1	650.4	650.6	650.9
117.5°	719.7	719.7	719.7	719.7	719.7	719.7	720.2	721.3	722.3	723.4	724.4
120°	789.7	789.4	789.2	788.9	788.6	788.5	788.9	789.7	790.4	791.2	792.0
122.5°	851.5	852.8	854.1	855.4	856.7	857.4	857.5	857.8	858.0	858.3	858.5
125°	915.7	917.5	919.3	921.1	922.9	923.8	923.8	923.8	923.8	923.8	923.8
127.5°	977.5	978.8	980.1	981.4	982.7	983.3	983.2	982.9	982.7	982.4	982.2
130°	1033.5	1034.8	1036.1	1037.4	1038.7	1039.3	1039.4	1039.7	1040.0	1040.2	1040.5
132.5°	1089.5	1091.1	1092.6	1094.2	1095.7	1096.5	1096.1	1095.3	1094.6	1093.8	1093.0
135°	1142.0	1143.6	1145.1	1146.7	1148.2	1149.0	1148.7	1148.2	1147.7	1147.1	1146.6
137.5°	1191.0	1192.6	1194.1	1195.7	1197.2	1198.0	1197.7	1197.2	1196.7	1196.1	1195.6
140°	1238.8	1239.3	1239.8	1240.3	1240.8	1241.1	1241.0	1240.7	1240.5	1240.2	1240.0
142.5°	1281.9	1282.2	1282.4	1282.7	1283.0	1283.1	1283.4	1283.9	1284.4	1284.9	1285.4
145°	1323.9	1324.4	1325.0	1325.5	1326.0	1326.3	1326.3	1326.3	1326.3	1326.3	1326.3
147.5°	1361.3	1361.3	1361.3	1361.3	1361.3	1361.3	1361.4	1361.7	1361.9	1362.2	1362.4
150°	1396.3	1395.8	1395.2	1394.7	1394.2	1393.9	1394.2	1394.7	1395.2	1395.8	1396.3
152.5°	1430.1	1428.8	1427.5	1426.2	1424.9	1424.3	1424.6	1425.1	1425.6	1426.1	1426.6
155°	1458.1	1456.5	1455.0	1453.4	1451.9	1451.1	1451.4	1451.9	1452.4	1452.9	1453.4
157.5°	1480.2	1479.4	1478.7	1477.9	1477.2	1476.8	1476.8	1476.8	1476.8	1476.8	1476.8
160°	1503.6	1502.0	1500.5	1498.9	1497.4	1496.6	1496.7	1497.0	1497.2	1497.5	1497.7
162.5°	1522.2	1520.6	1519.1	1517.5	1516.0	1515.2	1515.3	1515.6	1515.9	1516.1	1516.4
165°	1538.6	1537.0	1535.5	1533.9	1532.4	1531.6	1531.7	1532.0	1532.2	1532.5	1532.7
167.5°	1551.4	1549.8	1548.3	1546.7	1545.2	1544.4	1544.5	1544.8	1545.1	1545.3	1545.6
170°	1561.9	1560.1	1558.3	1556.4	1554.6	1553.7	1553.8	1554.1	1554.4	1554.6	1554.9
172.5°	1568.9	1567.1	1565.3	1563.4	1561.6	1560.7	1561.0	1561.5	1562.0	1562.6	1563.1
175°	1573.6	1572.0	1570.5	1568.9	1567.4	1566.6	1566.7	1567.0	1567.2	1567.5	1567.7
177.5°	1577.1	1575.5	1574.0	1572.4	1570.9	1570.1	1570.2	1570.5	1570.7	1571.0	1571.2
180°	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1713.0	1722.4	1730.5	1726.5	1742.7	1741.3	1744.0	1749.4	1750.8	1748.1	1742.7
5°	1806.0	1819.5	1842.4	1854.5	1851.8	1862.6	1868.0	1876.1	1884.2	1881.5	1881.5
7.5°	1909.8	1928.7	1951.6	1982.6	1986.6	1996.0	2012.2	2012.2	2021.7	2017.6	2016.3
10°	2000.1	2023.0	2059.4	2083.6	2094.4	2099.8	2116.0	2121.4	2132.2	2133.5	2133.5
12.5°	2074.2	2114.6	2138.9	2163.2	2168.6	2176.6	2188.8	2196.9	2200.9	2200.9	2196.9
15°	2113.3	2145.6	2174.0	2199.6	2214.4	2221.1	2233.3	2242.7	2248.1	2260.2	2262.9
17.5°	2129.5	2168.6	2214.4	2250.8	2276.4	2283.1	2307.4	2315.5	2326.2	2331.6	2338.4
20°	2152.4	2209.0	2264.3	2308.7	2333.0	2350.5	2376.1	2413.9	2424.6	2424.6	2420.6
22.5°	2172.6	2245.4	2320.9	2392.3	2412.5	2447.5	2494.7	2535.2	2551.3	2558.1	2552.7
25°	2196.9	2296.6	2395.0	2483.9	2539.2	2564.8	2628.1	2676.7	2695.5	2706.3	2709.0
27.5°	2238.6	2364.0	2489.3	2602.5	2659.1	2688.8	2754.8	2796.6	2819.5	2829.0	2822.2
30°	2285.8	2439.5	2585.0	2686.1	2723.8	2760.2	2803.4	2819.5	2814.1	2814.1	2834.4
32.5°	2334.3	2493.4	2622.8	2688.8	2702.3	2696.9	2679.4	2630.8	2602.5	2602.5	2620.1
35°	2361.3	2498.8	2564.8	2543.2	2490.7	2459.7	2364.0	2310.1	2249.4	2245.4	2265.6
37.5°	2346.5	2405.8	2378.8	2237.3	2165.9	2106.6	1957.0	1897.7	1853.2	1791.2	1886.9
40°	2242.7	2222.5	2082.3	1878.8	1799.3	1715.7	1597.1	1537.8	1475.8	1466.4	1489.3
42.5°	2067.5	1947.5	1742.7	1545.9	1465.0	1405.7	1315.4	1257.5	1218.4	1202.2	1229.2
45°	1849.1	1660.5	1455.6	1299.2	1210.3	1179.3	1097.1	1045.9	1016.2	1004.1	1023.0
47.5°	1582.3	1392.2	1198.2	1066.1	1013.5	982.5	927.3	882.8	857.2	849.1	857.2
50°	1343.7	1148.3	985.2	900.3	853.1	827.5	781.7	753.4	733.2	727.8	741.3
52.5°	1137.5	959.6	835.6	760.1	729.1	707.6	675.2	651.0	638.8	633.5	642.9
55°	952.9	808.7	708.9	644.2	621.3	607.8	579.5	566.1	552.6	551.2	560.7
57.5°	789.8	690.1	598.4	552.6	545.8	525.6	501.4	489.2	482.5	481.2	485.2
60°	657.7	568.8	513.5	473.1	463.6	447.5	434.0	425.9	417.8	415.1	417.8
62.5°	547.2	477.1	432.6	405.7	392.2	388.2	373.3	363.9	362.5	362.5	365.2
65°	451.5	392.2	363.9	342.3	332.9	328.9	318.1	311.3	312.7	312.7	314.0
67.5°	367.9	324.8	299.2	288.4	280.3	279.0	268.2	265.5	262.8	262.8	265.5
70°	292.5	265.5	246.6	241.3	239.9	230.5	226.4	225.1	221.0	222.4	222.4
72.5°	229.1	211.6	200.8	192.7	194.1	188.7	183.3	183.3	180.6	184.6	184.6
75°	169.8	161.7	153.6	151.0	153.6	151.0	146.9	145.6	146.9	145.6	145.6
77.5°	125.3	121.3	118.6	117.3	117.3	111.9	109.2	111.9	106.5	109.2	109.2
80°	87.6	82.2	80.9	78.2	79.5	75.5	76.8	74.1	74.1	74.1	74.1
82.5°	55.3	53.9	53.9	53.9	52.6	52.6	52.6	52.6	52.6	52.6	51.2
85°	33.7	32.3	32.3	32.3	31.0	31.0	31.0	31.0	31.0	31.0	31.0
87.5°	13.5	14.8	14.8	16.2	14.8	13.5	13.5	13.5	14.8	14.8	13.5
90°	20.0	21.3	22.6	23.9	24.5	24.9	25.7	26.4	27.2	28.0	27.2
92.5°	20.0	21.3	22.6	23.9	24.5	24.6	24.9	25.2	25.4	25.7	25.4
95°	20.0	21.3	22.6	23.9	24.5	24.5	24.5	24.5	24.5	24.5	24.5
97.5°	21.5	22.0	22.5	23.0	23.3	23.4	23.7	24.0	24.2	24.5	24.2
100°	164.4	125.8	87.1	48.5	29.2	28.7	27.6	26.6	25.5	24.5	25.5
102.5°	273.5	274.0	274.5	275.0	275.3	264.4	242.6	220.9	199.1	177.3	199.1
105°	347.6	347.6	347.6	347.6	347.6	347.5	347.2	346.9	346.7	346.4	346.7
107.5°	424.9	425.1	425.4	425.7	425.8	425.3	424.2	423.2	422.1	421.1	422.1
110°	500.8	500.0	499.3	498.5	498.1	498.2	498.5	498.7	499.0	499.2	499.0

TEST NUMBER: P1027066

CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	575.2	574.2	573.1	572.1	571.6	571.3	570.8	570.3	569.7	569.2	569.7
115°	649.9	648.8	647.8	646.7	646.2	645.4	643.9	642.3	640.8	639.2	640.8
117.5°	722.8	721.3	719.7	718.2	717.4	717.1	716.6	716.1	715.5	715.0	715.5
120°	791.5	791.0	790.5	790.0	789.7	789.1	787.8	786.5	785.2	783.9	785.2
122.5°	858.0	857.5	857.0	856.5	856.2	855.4	853.9	852.3	850.8	849.2	850.8
125°	922.8	921.8	920.7	919.7	919.2	918.8	918.0	917.3	916.5	915.7	916.5
127.5°	981.7	981.1	980.6	980.1	979.8	978.8	976.7	974.6	972.6	970.5	972.6
130°	1039.7	1038.9	1038.2	1037.4	1037.0	1036.4	1035.1	1033.8	1032.5	1031.2	1032.5
132.5°	1093.0	1093.0	1093.0	1093.0	1093.0	1092.3	1091.0	1089.7	1088.4	1087.1	1088.4
135°	1146.1	1145.6	1145.1	1144.6	1144.3	1143.5	1142.0	1140.4	1138.9	1137.3	1138.9
137.5°	1195.6	1195.6	1195.6	1195.6	1195.6	1195.0	1193.7	1192.4	1191.1	1189.8	1191.1
140°	1240.5	1241.0	1241.5	1242.0	1242.3	1241.5	1240.0	1238.4	1236.9	1235.3	1236.9
142.5°	1285.4	1285.4	1285.4	1285.4	1285.4	1284.6	1283.1	1281.6	1280.0	1278.5	1280.0
145°	1326.5	1326.8	1327.0	1327.3	1327.4	1326.6	1325.1	1323.5	1322.0	1320.4	1322.0
147.5°	1362.7	1362.9	1363.2	1363.5	1363.6	1362.7	1360.9	1359.0	1357.2	1355.4	1357.2
150°	1396.8	1397.3	1397.8	1398.3	1398.6	1397.6	1395.5	1393.4	1391.4	1389.3	1391.4
152.5°	1427.1	1427.6	1428.1	1428.6	1428.9	1428.0	1426.2	1424.4	1422.6	1420.8	1422.6
155°	1454.2	1455.0	1455.7	1456.5	1456.9	1455.9	1453.8	1451.7	1449.7	1447.6	1449.7
157.5°	1477.6	1478.3	1479.1	1479.8	1480.2	1479.2	1477.1	1475.0	1473.0	1470.9	1473.0
160°	1498.7	1499.8	1500.8	1501.9	1502.4	1501.4	1499.3	1497.2	1495.2	1493.1	1495.2
162.5°	1518.0	1519.5	1521.1	1522.6	1523.4	1522.2	1519.9	1517.6	1515.2	1512.9	1515.2
165°	1534.3	1535.8	1537.4	1538.9	1539.7	1538.7	1536.6	1534.5	1532.5	1530.4	1532.5
167.5°	1547.4	1549.2	1551.0	1552.8	1553.7	1552.5	1550.2	1547.9	1545.5	1543.2	1545.5
170°	1557.0	1559.0	1561.1	1563.2	1564.2	1563.0	1560.7	1558.4	1556.0	1553.7	1556.0
172.5°	1564.9	1566.7	1568.5	1570.3	1571.2	1570.0	1567.7	1565.4	1563.0	1560.7	1563.0
175°	1569.8	1571.9	1574.0	1576.1	1577.1	1575.9	1573.6	1571.3	1568.9	1566.6	1568.9
177.5°	1573.0	1574.8	1576.7	1578.5	1579.4	1578.4	1576.3	1574.2	1572.2	1570.1	1572.2
180°	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6

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CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1749.4	1740.0	1744.0	1740.0	1735.9	1731.9	1722.4	1709.0	1698.2	1690.1	1688.8
5°	1884.2	1872.0	1864.0	1859.9	1851.8	1841.1	1823.5	1803.3	1779.1	1769.6	1750.8
7.5°	2008.2	2004.1	1985.3	1982.6	1977.2	1957.0	1927.3	1900.4	1869.4	1843.7	1819.5
10°	2125.4	2116.0	2102.5	2083.6	2081.0	2055.3	2027.0	1989.3	1948.9	1924.6	1881.5
12.5°	2198.2	2187.4	2172.6	2160.5	2153.7	2137.6	2098.5	2060.7	2024.3	1979.9	1942.1
15°	2250.8	2237.3	2210.3	2200.9	2192.8	2171.3	2143.0	2103.9	2055.3	2024.3	1970.4
17.5°	2322.2	2306.0	2279.1	2261.6	2246.7	2213.0	2172.6	2120.0	2074.2	2039.2	1990.7
20°	2404.4	2380.2	2345.1	2322.2	2300.6	2261.6	2204.9	2143.0	2076.9	2033.8	1983.9
22.5°	2540.5	2494.7	2439.5	2407.1	2377.5	2310.1	2242.7	2165.9	2091.7	2027.0	1966.4
25°	2672.6	2626.8	2558.1	2513.6	2467.8	2389.6	2300.6	2194.2	2099.8	2024.3	1944.8
27.5°	2795.3	2748.1	2684.8	2630.8	2586.4	2469.1	2351.9	2231.9	2112.0	2008.2	1927.3
30°	2823.6	2803.4	2754.8	2707.7	2667.2	2559.4	2423.3	2271.0	2126.8	1993.3	1903.0
32.5°	2652.4	2702.3	2714.4	2707.7	2682.1	2605.2	2479.9	2319.5	2148.3	1986.6	1862.6
35°	2296.6	2386.9	2479.9	2529.8	2554.0	2564.8	2490.7	2343.8	2163.2	1975.8	1835.7
37.5°	1904.4	1992.0	2138.9	2213.0	2295.2	2403.1	2432.7	2338.4	2156.4	1967.7	1792.5
40°	1564.8	1676.6	1797.9	1865.3	1936.7	2130.8	2277.7	2266.9	2134.9	1938.1	1758.8
42.5°	1273.6	1343.7	1450.2	1524.3	1611.9	1828.9	2025.7	2122.7	2070.2	1901.7	1715.7
45°	1062.0	1116.0	1191.4	1266.9	1320.8	1517.6	1750.8	1909.8	1959.7	1837.0	1649.7
47.5°	894.9	935.4	1001.4	1048.6	1106.5	1261.5	1463.7	1687.4	1792.5	1745.4	1579.6
50°	766.9	799.2	851.8	881.4	932.7	1066.1	1219.7	1454.2	1613.3	1618.7	1486.6
52.5°	655.0	687.4	731.8	757.4	788.4	878.7	1033.7	1231.9	1415.2	1482.5	1380.1
55°	570.1	589.0	625.4	645.6	673.9	761.5	859.9	1028.3	1219.7	1330.2	1265.6
57.5°	491.9	512.2	535.1	551.2	571.5	641.5	730.5	857.2	1047.2	1167.2	1145.6
60°	428.6	440.7	462.3	474.4	493.3	539.1	601.1	727.8	878.7	992.0	1004.1
62.5°	369.3	380.1	394.9	405.7	417.8	454.2	500.0	590.3	722.4	845.1	861.2
65°	318.1	327.5	335.6	345.0	354.5	377.4	416.5	486.5	589.0	703.5	738.6
67.5°	272.2	274.9	287.1	288.4	293.8	311.3	339.6	396.2	470.4	562.0	607.8
70°	227.8	233.2	235.9	239.9	245.3	257.4	280.3	310.0	365.2	439.4	482.5
72.5°	184.6	186.0	190.0	192.7	198.1	207.6	218.3	241.3	276.3	330.2	369.3
75°	146.9	148.3	151.0	152.3	156.3	159.0	164.4	180.6	204.9	237.2	265.5
77.5°	110.5	113.2	115.9	115.9	117.3	120.0	122.6	128.0	140.2	161.7	186.0
80°	75.5	76.8	76.8	78.2	76.8	80.9	84.9	91.6	97.0	103.8	115.9
82.5°	52.6	52.6	52.6	53.9	53.9	55.3	55.3	56.6	58.0	62.0	67.4
85°	32.3	32.3	33.7	31.0	32.3	33.7	33.7	32.3	33.7	35.0	36.4
87.5°	13.5	13.5	14.8	14.8	14.8	14.8	13.5	14.8	13.5	14.8	14.8
90°	26.4	25.7	24.9	24.5	23.9	22.6	21.3	20.0	18.7	16.9	15.1
92.5°	25.2	24.9	24.6	24.5	23.9	22.6	21.3	20.0	18.7	17.1	15.6
95°	24.5	24.5	24.5	24.5	23.9	22.6	21.3	20.0	18.7	28.5	38.4
97.5°	24.0	23.7	23.4	23.3	23.0	22.5	22.0	21.5	21.0	45.6	70.2
100°	26.6	27.6	28.7	29.2	48.5	87.1	125.8	164.4	203.0	202.0	200.9
102.5°	220.9	242.6	264.4	275.3	275.0	274.5	274.0	273.5	273.0	272.5	271.9
105°	346.9	347.2	347.5	347.6	347.6	347.6	347.6	347.6	347.6	347.6	347.6
107.5°	423.2	424.2	425.3	425.8	425.7	425.4	425.1	424.9	424.6	424.1	423.6
110°	498.7	498.5	498.2	498.1	498.5	499.3	500.0	500.8	501.6	501.1	500.5

TEST NUMBER: P1027066

CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	570.3	570.8	571.3	571.6	572.1	573.1	574.2	575.2	576.2	576.0	575.7
115°	642.3	643.9	645.4	646.2	646.7	647.8	648.8	649.9	650.9	650.6	650.4
117.5°	716.1	716.6	717.1	717.4	718.2	719.7	721.3	722.8	724.4	723.4	722.3
120°	786.5	787.8	789.1	789.7	790.0	790.5	791.0	791.5	792.0	791.2	790.4
122.5°	852.3	853.9	855.4	856.2	856.5	857.0	857.5	858.0	858.5	858.3	858.0
125°	917.3	918.0	918.8	919.2	919.7	920.7	921.8	922.8	923.8	923.8	923.8
127.5°	974.6	976.7	978.8	979.8	980.1	980.6	981.1	981.7	982.2	982.4	982.7
130°	1033.8	1035.1	1036.4	1037.0	1037.4	1038.2	1038.9	1039.7	1040.5	1040.2	1040.0
132.5°	1089.7	1091.0	1092.3	1093.0	1093.0	1093.0	1093.0	1093.0	1093.0	1093.8	1094.6
135°	1140.4	1142.0	1143.5	1144.3	1144.6	1145.1	1145.6	1146.1	1146.6	1147.1	1147.7
137.5°	1192.4	1193.7	1195.0	1195.6	1195.6	1195.6	1195.6	1195.6	1195.6	1196.1	1196.7
140°	1238.4	1240.0	1241.5	1242.3	1242.0	1241.5	1241.0	1240.5	1240.0	1240.2	1240.5
142.5°	1281.6	1283.1	1284.6	1285.4	1285.4	1285.4	1285.4	1285.4	1285.4	1284.9	1284.4
145°	1323.5	1325.1	1326.6	1327.4	1327.3	1327.0	1326.8	1326.5	1326.3	1326.3	1326.3
147.5°	1359.0	1360.9	1362.7	1363.6	1363.5	1363.2	1362.9	1362.7	1362.4	1362.2	1361.9
150°	1393.4	1395.5	1397.6	1398.6	1398.3	1397.8	1397.3	1396.8	1396.3	1395.8	1395.2
152.5°	1424.4	1426.2	1428.0	1428.9	1428.6	1428.1	1427.6	1427.1	1426.6	1426.1	1425.6
155°	1451.7	1453.8	1455.9	1456.9	1456.5	1455.7	1455.0	1454.2	1453.4	1452.9	1452.4
157.5°	1475.0	1477.1	1479.2	1480.2	1479.8	1479.1	1478.3	1477.6	1476.8	1476.8	1476.8
160°	1497.2	1499.3	1501.4	1502.4	1501.9	1500.8	1499.8	1498.7	1497.7	1497.5	1497.2
162.5°	1517.6	1519.9	1522.2	1523.4	1522.6	1521.1	1519.5	1518.0	1516.4	1516.1	1515.9
165°	1534.5	1536.6	1538.7	1539.7	1538.9	1537.4	1535.8	1534.3	1532.7	1532.5	1532.2
167.5°	1547.9	1550.2	1552.5	1553.7	1552.8	1551.0	1549.2	1547.4	1545.6	1545.3	1545.1
170°	1558.4	1560.7	1563.0	1564.2	1563.2	1561.1	1559.0	1557.0	1554.9	1554.6	1554.4
172.5°	1565.4	1567.7	1570.0	1571.2	1570.3	1568.5	1566.7	1564.9	1563.1	1562.6	1562.0
175°	1571.3	1573.6	1575.9	1577.1	1576.1	1574.0	1571.9	1569.8	1567.7	1567.5	1567.2
177.5°	1574.2	1576.3	1578.4	1579.4	1578.5	1576.7	1574.8	1573.0	1571.2	1571.0	1570.7
180°	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6

TEST NUMBER: P1027066

CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1684.7	1676.6	1671.2	1669.9	1661.8	1655.1	1647.0	1645.6	1641.6	1630.8	1624.1
5°	1737.3	1718.4	1714.4	1702.2	1682.0	1667.2	1648.3	1637.5	1625.4	1605.2	1589.0
7.5°	1791.2	1765.6	1746.7	1729.2	1700.9	1673.9	1647.0	1625.4	1603.8	1574.2	1549.9
10°	1843.7	1804.7	1781.7	1756.1	1717.1	1676.6	1638.9	1607.9	1572.8	1537.8	1502.8
12.5°	1892.3	1842.4	1808.7	1772.3	1723.8	1673.9	1625.4	1582.3	1545.9	1498.7	1459.6
15°	1921.9	1866.7	1833.0	1797.9	1725.1	1669.9	1613.3	1558.0	1509.5	1459.6	1423.2
17.5°	1939.4	1877.4	1839.7	1807.4	1733.2	1657.8	1585.0	1525.7	1473.1	1413.8	1365.3
20°	1931.4	1870.7	1835.7	1804.7	1718.4	1642.9	1564.8	1496.0	1430.0	1369.3	1318.1
22.5°	1913.8	1850.5	1811.4	1783.1	1706.3	1617.3	1531.1	1456.9	1388.2	1327.6	1269.6
25°	1876.1	1814.1	1780.4	1745.4	1669.9	1585.0	1497.4	1417.9	1345.1	1280.4	1215.7
27.5°	1842.4	1766.9	1731.9	1700.9	1621.4	1545.9	1459.6	1372.0	1297.9	1230.5	1165.8
30°	1803.3	1718.4	1680.7	1638.9	1567.5	1496.0	1409.8	1328.9	1252.1	1180.6	1118.6
32.5°	1761.5	1663.1	1620.0	1572.8	1500.1	1432.7	1359.9	1280.4	1203.6	1133.5	1068.8
35°	1707.6	1602.5	1552.6	1508.2	1432.7	1365.3	1297.9	1231.9	1155.0	1080.9	1018.9
37.5°	1656.4	1540.5	1487.9	1436.7	1357.2	1292.5	1237.3	1175.3	1101.1	1029.7	970.4
40°	1598.5	1465.0	1411.1	1363.9	1281.7	1210.3	1160.4	1111.9	1047.2	978.5	913.8
42.5°	1545.9	1394.9	1338.3	1289.8	1203.6	1136.2	1089.0	1048.6	992.0	928.6	862.6
45°	1473.1	1319.5	1261.5	1210.3	1122.7	1059.3	1010.8	975.8	931.3	872.0	812.7
47.5°	1405.7	1246.7	1183.3	1121.3	1041.8	977.1	932.7	905.7	876.0	823.5	762.8
50°	1323.5	1163.1	1098.4	1047.2	956.9	901.7	857.2	838.3	811.4	761.5	713.0
52.5°	1234.6	1082.3	1021.6	959.6	876.0	822.1	783.1	761.5	739.9	703.5	657.7
55°	1130.8	992.0	935.4	880.1	796.5	746.7	711.6	688.7	676.6	642.9	609.2
57.5°	1031.0	900.3	847.7	796.5	723.8	667.1	644.2	624.0	606.5	582.2	553.9
60°	930.0	811.4	754.8	708.9	645.6	594.4	575.5	555.3	541.8	522.9	502.7
62.5°	814.1	713.0	669.8	626.7	572.8	532.4	510.8	494.6	477.1	465.0	447.5
65°	691.4	620.0	578.2	545.8	494.6	458.2	442.1	431.3	416.5	404.3	390.9
67.5°	576.8	520.2	502.7	467.7	428.6	396.2	384.1	370.6	358.5	351.8	339.6
70°	466.3	425.9	408.4	398.9	355.8	334.2	323.5	318.1	303.2	296.5	288.4
72.5°	361.2	346.4	334.2	322.1	293.8	280.3	268.2	262.8	252.0	246.6	243.9
75°	266.9	257.4	250.7	249.3	237.2	223.7	211.6	208.9	200.8	195.4	192.7
77.5°	187.3	184.6	183.3	184.6	176.6	168.5	165.8	163.1	153.6	152.3	152.3
80°	122.6	129.4	129.4	128.0	125.3	124.0	120.0	117.3	111.9	110.5	111.9
82.5°	75.5	79.5	80.9	83.6	82.2	80.9	78.2	76.8	78.2	75.5	76.8
85°	37.7	40.4	45.8	45.8	47.2	47.2	47.2	45.8	43.1	44.5	43.1
87.5°	14.8	16.2	16.2	16.2	14.8	18.9	20.2	20.2	20.2	17.5	17.5
90°	13.2	11.4	10.5	9.5	7.4	5.3	3.3	1.2	3.3	5.3	7.4
92.5°	14.0	12.5	11.7	12.9	15.2	17.5	19.9	22.2	19.9	17.5	15.2
95°	48.2	58.1	63.0	63.4	64.2	64.9	65.7	66.5	65.7	64.9	64.2
97.5°	94.9	119.5	131.8	131.0	129.5	127.9	126.4	124.8	126.4	127.9	129.5
100°	199.9	198.8	198.3	197.9	197.1	196.4	195.6	194.8	195.6	196.4	197.1
102.5°	271.4	270.9	270.6	270.1	269.1	268.0	267.0	266.0	267.0	268.0	269.1
105°	347.6	347.6	347.6	347.1	346.0	345.0	343.9	342.9	343.9	345.0	346.0
107.5°	423.1	422.6	422.3	422.3	422.3	422.3	422.3	422.3	422.3	422.3	422.3
110°	500.0	499.5	499.2	499.2	499.2	499.2	499.2	499.2	499.2	499.2	499.2

TEST NUMBER: P1027066

CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	575.5	575.2	575.1	574.7	573.9	573.2	572.4	571.6	572.4	573.2	573.9
115°	650.1	649.8	649.7	649.1	647.8	646.5	645.2	643.9	645.2	646.5	647.8
117.5°	721.3	720.2	719.7	719.7	719.7	719.7	719.7	719.7	719.7	719.7	719.7
120°	789.7	788.9	788.5	788.6	788.9	789.2	789.4	789.7	789.4	789.2	788.9
122.5°	857.8	857.5	857.4	856.7	855.4	854.1	852.8	851.5	852.8	854.1	855.4
125°	923.8	923.8	923.8	922.9	921.1	919.3	917.5	915.7	917.5	919.3	921.1
127.5°	982.9	983.2	983.3	982.7	981.4	980.1	978.8	977.5	978.8	980.1	981.4
130°	1039.7	1039.4	1039.3	1038.7	1037.4	1036.1	1034.8	1033.5	1034.8	1036.1	1037.4
132.5°	1095.3	1096.1	1096.5	1095.7	1094.2	1092.6	1091.1	1089.5	1091.1	1092.6	1094.2
135°	1148.2	1148.7	1149.0	1148.2	1146.7	1145.1	1143.6	1142.0	1143.6	1145.1	1146.7
137.5°	1197.2	1197.7	1198.0	1197.2	1195.7	1194.1	1192.6	1191.0	1192.6	1194.1	1195.7
140°	1240.7	1241.0	1241.1	1240.8	1240.3	1239.8	1239.3	1238.8	1239.3	1239.8	1240.3
142.5°	1283.9	1283.4	1283.1	1283.0	1282.7	1282.4	1282.2	1281.9	1282.2	1282.4	1282.7
145°	1326.3	1326.3	1326.3	1326.0	1325.5	1325.0	1324.4	1323.9	1324.4	1325.0	1325.5
147.5°	1361.7	1361.4	1361.3	1361.3	1361.3	1361.3	1361.3	1361.3	1361.3	1361.3	1361.3
150°	1394.7	1394.2	1393.9	1394.2	1394.7	1395.2	1395.8	1396.3	1395.8	1395.2	1394.7
152.5°	1425.1	1424.6	1424.3	1424.9	1426.2	1427.5	1428.8	1430.1	1428.8	1427.5	1426.2
155°	1451.9	1451.4	1451.1	1451.9	1453.4	1455.0	1456.5	1458.1	1456.5	1455.0	1453.4
157.5°	1476.8	1476.8	1476.8	1477.2	1477.9	1478.7	1479.4	1480.2	1479.4	1478.7	1477.9
160°	1497.0	1496.7	1496.6	1497.4	1498.9	1500.5	1502.0	1503.6	1502.0	1500.5	1498.9
162.5°	1515.6	1515.3	1515.2	1516.0	1517.5	1519.1	1520.6	1522.2	1520.6	1519.1	1517.5
165°	1532.0	1531.7	1531.6	1532.4	1533.9	1535.5	1537.0	1538.6	1537.0	1535.5	1533.9
167.5°	1544.8	1544.5	1544.4	1545.2	1546.7	1548.3	1549.8	1551.4	1549.8	1548.3	1546.7
170°	1554.1	1553.8	1553.7	1554.6	1556.4	1558.3	1560.1	1561.9	1560.1	1558.3	1556.4
172.5°	1561.5	1561.0	1560.7	1561.6	1563.4	1565.3	1567.1	1568.9	1567.1	1565.3	1563.4
175°	1567.0	1566.7	1566.6	1567.4	1568.9	1570.5	1572.0	1573.6	1572.0	1570.5	1568.9
177.5°	1570.5	1570.2	1570.1	1570.9	1572.4	1574.0	1575.5	1577.1	1575.5	1574.0	1572.4
180°	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6

TEST NUMBER: P1027066

CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1620.0	1614.6	1610.6	1606.5	1589.0	1570.1	1567.5	1563.4	1555.3	1564.8	1560.7
5°	1578.2	1566.1	1559.4	1541.8	1520.3	1504.1	1490.6	1474.5	1467.7	1462.3	1461.0
7.5°	1527.0	1516.2	1504.1	1486.6	1459.6	1432.7	1412.5	1396.3	1382.8	1376.1	1376.1
10°	1477.2	1463.7	1447.5	1417.9	1392.2	1358.6	1337.0	1320.8	1301.9	1291.2	1281.7
12.5°	1425.9	1411.1	1396.3	1358.6	1328.9	1293.9	1262.9	1242.6	1233.2	1221.1	1204.9
15°	1374.7	1351.8	1337.0	1299.2	1261.5	1226.5	1206.3	1184.7	1163.1	1151.0	1145.6
17.5°	1320.8	1304.6	1280.4	1239.9	1198.2	1167.2	1137.5	1117.3	1091.7	1079.6	1067.4
20°	1272.3	1248.0	1223.8	1183.3	1142.9	1101.1	1071.5	1047.2	1031.0	1021.6	1010.8
22.5°	1214.3	1191.4	1171.2	1128.1	1083.6	1044.5	1012.2	997.3	981.2	966.3	955.6
25°	1164.5	1141.6	1121.3	1074.2	1025.7	989.3	965.0	946.1	928.6	921.9	911.1
27.5°	1111.9	1090.3	1063.4	1016.2	973.1	942.1	916.5	899.0	885.5	872.0	863.9
30°	1062.0	1037.8	1013.5	962.3	927.3	896.3	872.0	850.4	839.7	832.9	819.4
32.5°	1013.5	982.5	962.3	915.1	881.4	851.8	831.6	812.7	799.2	787.1	776.3
35°	961.0	927.3	907.0	868.0	832.9	803.3	785.7	772.3	756.1	745.3	739.9
37.5°	911.1	882.8	862.6	822.1	787.1	762.8	744.0	726.4	719.7	704.9	702.2
40°	857.2	832.9	814.1	775.0	742.6	723.8	703.5	687.4	675.2	668.5	659.1
42.5°	808.7	788.4	768.2	731.8	700.8	677.9	663.1	648.3	637.5	626.7	620.0
45°	764.2	742.6	723.8	688.7	657.7	637.5	622.7	605.1	602.5	587.6	580.9
47.5°	717.0	698.1	682.0	645.6	617.3	597.1	579.5	567.4	555.3	549.9	540.5
50°	671.2	652.3	633.5	601.1	575.5	555.3	537.8	524.3	517.5	509.5	501.4
52.5°	621.3	606.5	591.7	558.0	532.4	514.8	500.0	482.5	475.8	469.0	463.6
55°	579.5	558.0	541.8	513.5	490.6	471.7	455.5	442.1	435.3	429.9	423.2
57.5°	522.9	509.5	496.0	470.4	448.8	429.9	413.8	403.0	394.9	390.9	392.2
60°	474.4	459.6	451.5	424.5	403.0	388.2	373.3	362.5	354.5	350.4	349.1
62.5°	423.2	412.4	397.6	378.7	357.2	343.7	332.9	324.8	311.3	310.0	305.9
65°	373.3	365.2	351.8	334.2	316.7	304.6	292.5	281.7	276.3	269.6	265.5
67.5°	324.8	316.7	304.6	289.8	277.6	265.5	254.7	243.9	234.5	229.1	226.4
70°	277.6	270.9	262.8	245.3	230.5	221.0	212.9	206.2	196.8	194.1	192.7
72.5°	231.8	225.1	221.0	206.2	192.7	184.6	176.6	169.8	165.8	164.4	160.4
75°	190.0	183.3	177.9	164.4	156.3	151.0	142.9	140.2	136.1	134.8	133.4
77.5°	148.3	141.5	140.2	130.7	121.3	118.6	115.9	110.5	110.5	110.5	107.8
80°	106.5	105.1	103.8	94.3	90.3	87.6	86.3	82.2	79.5	76.8	75.5
82.5°	71.4	70.1	68.7	64.7	60.6	59.3	58.0	55.3	55.3	56.6	53.9
85°	43.1	40.4	39.1	37.7	35.0	35.0	36.4	35.0	35.0	35.0	33.7
87.5°	16.2	16.2	16.2	16.2	17.5	14.8	16.2	16.2	14.8	14.8	13.5
90°	9.5	10.5	11.4	13.2	15.1	16.9	18.7	20.0	21.3	22.6	23.9
92.5°	12.9	11.7	12.5	14.0	15.6	17.1	18.7	20.0	21.3	22.6	23.9
95°	63.4	63.0	58.1	48.2	38.4	28.5	18.7	20.0	21.3	22.6	23.9
97.5°	131.0	131.8	119.5	94.9	70.2	45.6	21.0	21.5	22.0	22.5	23.0
100°	197.9	198.3	198.8	199.9	200.9	202.0	203.0	164.4	125.8	87.1	48.5
102.5°	270.1	270.6	270.9	271.4	271.9	272.5	273.0	273.5	274.0	274.5	275.0
105°	347.1	347.6	347.6	347.6	347.6	347.6	347.6	347.6	347.6	347.6	347.6
107.5°	422.3	422.3	422.6	423.1	423.6	424.1	424.6	424.9	425.1	425.4	425.7
110°	499.2	499.2	499.5	500.0	500.5	501.1	501.6	500.8	500.0	499.3	498.5

TEST NUMBER: P1027066

CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	574.7	575.1	575.2	575.5	575.7	576.0	576.2	575.2	574.2	573.1	572.1
115°	649.1	649.7	649.8	650.1	650.4	650.6	650.9	649.9	648.8	647.8	646.7
117.5°	719.7	719.7	720.2	721.3	722.3	723.4	724.4	722.8	721.3	719.7	718.2
120°	788.6	788.5	788.9	789.7	790.4	791.2	792.0	791.5	791.0	790.5	790.0
122.5°	856.7	857.4	857.5	857.8	858.0	858.3	858.5	858.0	857.5	857.0	856.5
125°	922.9	923.8	923.8	923.8	923.8	923.8	923.8	922.8	921.8	920.7	919.7
127.5°	982.7	983.3	983.2	982.9	982.7	982.4	982.2	981.7	981.1	980.6	980.1
130°	1038.7	1039.3	1039.4	1039.7	1040.0	1040.2	1040.5	1039.7	1038.9	1038.2	1037.4
132.5°	1095.7	1096.5	1096.1	1095.3	1094.6	1093.8	1093.0	1093.0	1093.0	1093.0	1093.0
135°	1148.2	1149.0	1148.7	1148.2	1147.7	1147.1	1146.6	1146.1	1145.6	1145.1	1144.6
137.5°	1197.2	1198.0	1197.7	1197.2	1196.7	1196.1	1195.6	1195.6	1195.6	1195.6	1195.6
140°	1240.8	1241.1	1241.0	1240.7	1240.5	1240.2	1240.0	1240.5	1241.0	1241.5	1242.0
142.5°	1283.0	1283.1	1283.4	1283.9	1284.4	1284.9	1285.4	1285.4	1285.4	1285.4	1285.4
145°	1326.0	1326.3	1326.3	1326.3	1326.3	1326.3	1326.3	1326.5	1326.8	1327.0	1327.3
147.5°	1361.3	1361.3	1361.4	1361.7	1361.9	1362.2	1362.4	1362.7	1362.9	1363.2	1363.5
150°	1394.2	1393.9	1394.2	1394.7	1395.2	1395.8	1396.3	1396.8	1397.3	1397.8	1398.3
152.5°	1424.9	1424.3	1424.6	1425.1	1425.6	1426.1	1426.6	1427.1	1427.6	1428.1	1428.6
155°	1451.9	1451.1	1451.4	1451.9	1452.4	1452.9	1453.4	1454.2	1455.0	1455.7	1456.5
157.5°	1477.2	1476.8	1476.8	1476.8	1476.8	1476.8	1476.8	1477.6	1478.3	1479.1	1479.8
160°	1497.4	1496.6	1496.7	1497.0	1497.2	1497.5	1497.7	1498.7	1499.8	1500.8	1501.9
162.5°	1516.0	1515.2	1515.3	1515.6	1515.9	1516.1	1516.4	1518.0	1519.5	1521.1	1522.6
165°	1532.4	1531.6	1531.7	1532.0	1532.2	1532.5	1532.7	1534.3	1535.8	1537.4	1538.9
167.5°	1545.2	1544.4	1544.5	1544.8	1545.1	1545.3	1545.6	1547.4	1549.2	1551.0	1552.8
170°	1554.6	1553.7	1553.8	1554.1	1554.4	1554.6	1554.9	1557.0	1559.0	1561.1	1563.2
172.5°	1561.6	1560.7	1561.0	1561.5	1562.0	1562.6	1563.1	1564.9	1566.7	1568.5	1570.3
175°	1567.4	1566.6	1566.7	1567.0	1567.2	1567.5	1567.7	1569.8	1571.9	1574.0	1576.1
177.5°	1570.9	1570.1	1570.2	1570.5	1570.7	1571.0	1571.2	1573.0	1574.8	1576.7	1578.5
180°	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6

TEST NUMBER: P1027066

CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1554.0	1556.7	1549.9	1547.2	1541.8	1548.6	1549.9	1548.6	1560.7	1555.3	1558.0
5°	1463.7	1458.3	1454.2	1444.8	1444.8	1446.2	1450.2	1443.5	1447.5	1456.9	1455.6
7.5°	1363.9	1361.2	1362.6	1351.8	1343.7	1346.4	1343.7	1355.9	1362.6	1359.9	1365.3
10°	1273.6	1279.0	1266.9	1261.5	1256.1	1261.5	1260.2	1262.9	1270.9	1276.3	1285.8
12.5°	1200.9	1199.5	1192.8	1187.4	1177.9	1180.6	1188.7	1186.0	1187.4	1199.5	1198.2
15°	1132.1	1124.0	1118.6	1106.5	1109.2	1099.8	1107.9	1117.3	1121.3	1132.1	1138.9
17.5°	1063.4	1062.0	1055.3	1054.0	1039.1	1035.1	1043.2	1045.9	1049.9	1055.3	1064.7
20°	1005.4	1004.1	994.7	992.0	979.8	987.9	985.2	990.6	993.3	1004.1	1008.1
22.5°	952.9	946.1	943.4	939.4	935.4	934.0	939.4	938.0	947.5	951.5	952.9
25°	904.4	899.0	897.6	890.9	888.2	884.1	888.2	892.2	903.0	907.0	912.4
27.5°	859.9	855.8	853.1	847.7	843.7	843.7	846.4	851.8	855.8	858.5	861.2
30°	819.4	816.7	808.7	806.0	801.9	801.9	801.9	804.6	811.4	819.4	823.5
32.5°	777.7	772.3	766.9	766.9	762.8	762.8	764.2	766.9	773.6	775.0	781.7
35°	737.2	731.8	727.8	725.1	726.4	721.1	723.8	727.8	735.9	738.6	742.6
37.5°	698.1	696.8	688.7	684.7	687.4	687.4	686.0	688.7	694.1	699.5	702.2
40°	655.0	652.3	652.3	648.3	649.6	644.2	648.3	651.0	653.7	659.1	663.1
42.5°	617.3	614.6	609.2	610.5	606.5	606.5	609.2	610.5	614.6	621.3	624.0
45°	576.8	576.8	574.1	570.1	571.5	567.4	570.1	571.5	576.8	583.6	580.9
47.5°	537.8	536.4	536.4	531.0	533.7	529.7	533.7	535.1	537.8	541.8	540.5
50°	500.0	496.0	497.3	496.0	494.6	494.6	497.3	497.3	500.0	500.0	504.1
52.5°	460.9	460.9	458.2	459.6	462.3	459.6	463.6	459.6	462.3	463.6	466.3
55°	425.9	423.2	424.5	423.2	428.6	424.5	428.6	425.9	428.6	427.2	429.9
57.5°	388.2	384.1	385.5	384.1	388.2	386.8	390.9	386.8	388.2	389.5	393.5
60°	345.0	345.0	345.0	342.3	346.4	346.4	345.0	345.0	350.4	353.1	351.8
62.5°	304.6	303.2	299.2	297.9	299.2	296.5	301.9	300.6	303.2	305.9	308.6
65°	260.1	257.4	256.1	253.4	253.4	252.0	253.4	258.8	260.1	261.5	268.2
67.5°	223.7	222.4	221.0	217.0	217.0	219.7	219.7	219.7	227.8	223.7	229.1
70°	191.4	188.7	186.0	184.6	184.6	186.0	187.3	188.7	187.3	192.7	194.1
72.5°	160.4	161.7	159.0	159.0	159.0	157.7	157.7	160.4	161.7	160.4	161.7
75°	133.4	133.4	132.1	133.4	133.4	132.1	132.1	134.8	134.8	133.4	137.5
77.5°	107.8	106.5	103.8	101.1	102.4	101.1	102.4	101.1	105.1	109.2	106.5
80°	75.5	74.1	74.1	74.1	75.5	74.1	76.8	74.1	75.5	75.5	76.8
82.5°	53.9	55.3	55.3	53.9	55.3	53.9	55.3	55.3	55.3	53.9	55.3
85°	35.0	35.0	35.0	35.0	33.7	35.0	35.0	35.0	36.4	35.0	36.4
87.5°	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	16.2	14.8	16.2
90°	24.5	24.9	25.7	26.4	27.2	28.0	27.2	26.4	25.7	24.9	24.5
92.5°	24.5	24.6	24.9	25.2	25.4	25.7	25.4	25.2	24.9	24.6	24.5
95°	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
97.5°	23.3	23.4	23.7	24.0	24.2	24.5	24.2	24.0	23.7	23.4	23.3
100°	29.2	28.7	27.6	26.6	25.5	24.5	25.5	26.6	27.6	28.7	29.2
102.5°	275.3	264.4	242.6	220.9	199.1	177.3	199.1	220.9	242.6	264.4	275.3
105°	347.6	347.5	347.2	346.9	346.7	346.4	346.7	346.9	347.2	347.5	347.6
107.5°	425.8	425.3	424.2	423.2	422.1	421.1	422.1	423.2	424.2	425.3	425.8
110°	498.1	498.2	498.5	498.7	499.0	499.2	499.0	498.7	498.5	498.2	498.1

TEST NUMBER: P1027066

CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	571.6	571.3	570.8	570.3	569.7	569.2	569.7	570.3	570.8	571.3	571.6
115°	646.2	645.4	643.9	642.3	640.8	639.2	640.8	642.3	643.9	645.4	646.2
117.5°	717.4	717.1	716.6	716.1	715.5	715.0	715.5	716.1	716.6	717.1	717.4
120°	789.7	789.1	787.8	786.5	785.2	783.9	785.2	786.5	787.8	789.1	789.7
122.5°	856.2	855.4	853.9	852.3	850.8	849.2	850.8	852.3	853.9	855.4	856.2
125°	919.2	918.8	918.0	917.3	916.5	915.7	916.5	917.3	918.0	918.8	919.2
127.5°	979.8	978.8	976.7	974.6	972.6	970.5	972.6	974.6	976.7	978.8	979.8
130°	1037.0	1036.4	1035.1	1033.8	1032.5	1031.2	1032.5	1033.8	1035.1	1036.4	1037.0
132.5°	1093.0	1092.3	1091.0	1089.7	1088.4	1087.1	1088.4	1089.7	1091.0	1092.3	1093.0
135°	1144.3	1143.5	1142.0	1140.4	1138.9	1137.3	1138.9	1140.4	1142.0	1143.5	1144.3
137.5°	1195.6	1195.0	1193.7	1192.4	1191.1	1189.8	1191.1	1192.4	1193.7	1195.0	1195.6
140°	1242.3	1241.5	1240.0	1238.4	1236.9	1235.3	1236.9	1238.4	1240.0	1241.5	1242.3
142.5°	1285.4	1284.6	1283.1	1281.6	1280.0	1278.5	1280.0	1281.6	1283.1	1284.6	1285.4
145°	1327.4	1326.6	1325.1	1323.5	1322.0	1320.4	1322.0	1323.5	1325.1	1326.6	1327.4
147.5°	1363.6	1362.7	1360.9	1359.0	1357.2	1355.4	1357.2	1359.0	1360.9	1362.7	1363.6
150°	1398.6	1397.6	1395.5	1393.4	1391.4	1389.3	1391.4	1393.4	1395.5	1397.6	1398.6
152.5°	1428.9	1428.0	1426.2	1424.4	1422.6	1420.8	1422.6	1424.4	1426.2	1428.0	1428.9
155°	1456.9	1455.9	1453.8	1451.7	1449.7	1447.6	1449.7	1451.7	1453.8	1455.9	1456.9
157.5°	1480.2	1479.2	1477.1	1475.0	1473.0	1470.9	1473.0	1475.0	1477.1	1479.2	1480.2
160°	1502.4	1501.4	1499.3	1497.2	1495.2	1493.1	1495.2	1497.2	1499.3	1501.4	1502.4
162.5°	1523.4	1522.2	1519.9	1517.6	1515.2	1512.9	1515.2	1517.6	1519.9	1522.2	1523.4
165°	1539.7	1538.7	1536.6	1534.5	1532.5	1530.4	1532.5	1534.5	1536.6	1538.7	1539.7
167.5°	1553.7	1552.5	1550.2	1547.9	1545.5	1543.2	1545.5	1547.9	1550.2	1552.5	1553.7
170°	1564.2	1563.0	1560.7	1558.4	1556.0	1553.7	1556.0	1558.4	1560.7	1563.0	1564.2
172.5°	1571.2	1570.0	1567.7	1565.4	1563.0	1560.7	1563.0	1565.4	1567.7	1570.0	1571.2
175°	1577.1	1575.9	1573.6	1571.3	1568.9	1566.6	1568.9	1571.3	1573.6	1575.9	1577.1
177.5°	1579.4	1578.4	1576.3	1574.2	1572.2	1570.1	1572.2	1574.2	1576.3	1578.4	1579.4
180°	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6

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CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1552.6	1559.4	1554.0	1549.9	1560.7	1566.1	1566.1	1575.5	1585.0	1593.1	1594.4
5°	1456.9	1467.7	1470.4	1469.1	1485.2	1493.3	1510.8	1520.3	1533.8	1543.2	1554.0
7.5°	1369.3	1384.2	1385.5	1388.2	1412.5	1425.9	1440.8	1465.0	1483.9	1497.4	1509.5
10°	1281.7	1291.2	1300.6	1312.7	1337.0	1359.9	1381.5	1407.1	1431.3	1444.8	1462.3
12.5°	1215.7	1222.4	1233.2	1241.3	1266.9	1287.1	1315.4	1350.5	1385.5	1396.3	1417.9
15°	1147.0	1151.0	1172.6	1180.6	1202.2	1235.9	1253.4	1287.1	1324.9	1345.1	1369.3
17.5°	1067.4	1091.7	1105.2	1114.6	1141.6	1168.5	1196.8	1231.9	1280.4	1299.2	1316.8
20°	1010.8	1028.3	1043.2	1055.3	1079.6	1120.0	1145.6	1173.9	1219.7	1241.3	1266.9
22.5°	961.0	975.8	989.3	1002.7	1018.9	1055.3	1085.0	1124.0	1169.9	1190.1	1219.7
25°	913.8	928.6	936.7	952.9	974.4	1000.0	1035.1	1070.1	1116.0	1138.9	1167.2
27.5°	868.0	882.8	897.6	911.1	925.9	950.2	974.4	1018.9	1066.1	1093.0	1117.3
30°	828.9	835.6	849.1	863.9	878.7	901.7	930.0	961.0	1014.9	1039.1	1068.8
32.5°	785.7	797.9	807.3	818.1	837.0	855.8	881.4	920.5	963.7	986.6	1018.9
35°	745.3	756.1	762.8	781.7	793.8	814.1	839.7	874.7	911.1	936.7	965.0
37.5°	706.2	717.0	725.1	735.9	752.1	769.6	796.5	822.1	865.3	886.8	919.2
40°	665.8	675.2	684.7	696.8	711.6	733.2	749.4	781.7	816.7	841.0	865.3
42.5°	626.7	632.1	642.9	656.4	671.2	690.1	713.0	738.6	773.6	795.2	816.7
45°	584.9	594.4	606.5	615.9	629.4	648.3	668.5	691.4	726.4	748.0	770.9
47.5°	545.8	552.6	560.7	575.5	593.0	606.5	628.1	649.6	682.0	702.2	723.8
50°	505.4	512.2	524.3	533.7	547.2	564.7	584.9	607.8	638.8	652.3	673.9
52.5°	467.7	470.4	482.5	491.9	505.4	525.6	541.8	562.0	591.7	606.5	628.1
55°	429.9	432.6	439.4	448.8	463.6	479.8	497.3	520.2	545.8	559.3	579.5
57.5°	390.9	393.5	400.3	407.0	421.9	436.7	456.9	475.8	501.4	513.5	532.4
60°	351.8	351.8	358.5	367.9	378.7	392.2	409.7	432.6	451.5	466.3	479.8
62.5°	310.0	314.0	318.1	324.8	336.9	353.1	367.9	384.1	407.0	417.8	429.9
65°	268.2	272.2	280.3	287.1	296.5	307.3	326.2	339.6	357.2	369.3	380.1
67.5°	231.8	235.9	241.3	249.3	256.1	268.2	281.7	295.2	314.0	322.1	330.2
70°	194.1	198.1	202.2	212.9	219.7	229.1	238.6	252.0	268.2	273.6	280.3
72.5°	164.4	165.8	171.2	173.9	183.3	191.4	202.2	210.3	222.4	229.1	234.5
75°	138.8	138.8	140.2	142.9	148.3	153.6	161.7	169.8	180.6	184.6	191.4
77.5°	109.2	113.2	111.9	114.6	117.3	120.0	126.7	132.1	142.9	145.6	148.3
80°	78.2	79.5	83.6	87.6	87.6	91.6	95.7	97.0	103.8	107.8	107.8
82.5°	56.6	58.0	56.6	58.0	59.3	60.6	64.7	70.1	70.1	71.4	74.1
85°	35.0	35.0	36.4	37.7	37.7	36.4	39.1	37.7	39.1	41.8	41.8
87.5°	17.5	16.2	16.2	16.2	16.2	16.2	17.5	16.2	17.5	17.5	17.5
90°	23.9	22.6	21.3	20.0	18.7	16.9	15.1	13.2	11.4	10.5	9.5
92.5°	23.9	22.6	21.3	20.0	18.7	17.1	15.6	14.0	12.5	11.7	12.9
95°	23.9	22.6	21.3	20.0	18.7	28.5	38.4	48.2	58.1	63.0	63.4
97.5°	23.0	22.5	22.0	21.5	21.0	45.6	70.2	94.9	119.5	131.8	131.0
100°	48.5	87.1	125.8	164.4	203.0	202.0	200.9	199.9	198.8	198.3	197.9
102.5°	275.0	274.5	274.0	273.5	273.0	272.5	271.9	271.4	270.9	270.6	270.1
105°	347.6	347.6	347.6	347.6	347.6	347.6	347.6	347.6	347.6	347.6	347.1
107.5°	425.7	425.4	425.1	424.9	424.6	424.1	423.6	423.1	422.6	422.3	422.3
110°	498.5	499.3	500.0	500.8	501.6	501.1	500.5	500.0	499.5	499.2	499.2

TEST NUMBER: P1027066

CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	572.1	573.1	574.2	575.2	576.2	576.0	575.7	575.5	575.2	575.1	574.7
115°	646.7	647.8	648.8	649.9	650.9	650.6	650.4	650.1	649.8	649.7	649.1
117.5°	718.2	719.7	721.3	722.8	724.4	723.4	722.3	721.3	720.2	719.7	719.7
120°	790.0	790.5	791.0	791.5	792.0	791.2	790.4	789.7	788.9	788.5	788.6
122.5°	856.5	857.0	857.5	858.0	858.5	858.3	858.0	857.8	857.5	857.4	856.7
125°	919.7	920.7	921.8	922.8	923.8	923.8	923.8	923.8	923.8	923.8	922.9
127.5°	980.1	980.6	981.1	981.7	982.2	982.4	982.7	982.9	983.2	983.3	982.7
130°	1037.4	1038.2	1038.9	1039.7	1040.5	1040.2	1040.0	1039.7	1039.4	1039.3	1038.7
132.5°	1093.0	1093.0	1093.0	1093.0	1093.0	1093.8	1094.6	1095.3	1096.1	1096.5	1095.7
135°	1144.6	1145.1	1145.6	1146.1	1146.6	1147.1	1147.7	1148.2	1148.7	1149.0	1148.2
137.5°	1195.6	1195.6	1195.6	1195.6	1195.6	1196.1	1196.7	1197.2	1197.7	1198.0	1197.2
140°	1242.0	1241.5	1241.0	1240.5	1240.0	1240.2	1240.5	1240.7	1241.0	1241.1	1240.8
142.5°	1285.4	1285.4	1285.4	1285.4	1285.4	1284.9	1284.4	1283.9	1283.4	1283.1	1283.0
145°	1327.3	1327.0	1326.8	1326.5	1326.3	1326.3	1326.3	1326.3	1326.3	1326.3	1326.0
147.5°	1363.5	1363.2	1362.9	1362.7	1362.4	1362.2	1361.9	1361.7	1361.4	1361.3	1361.3
150°	1398.3	1397.8	1397.3	1396.8	1396.3	1395.8	1395.2	1394.7	1394.2	1393.9	1394.2
152.5°	1428.6	1428.1	1427.6	1427.1	1426.6	1426.1	1425.6	1425.1	1424.6	1424.3	1424.9
155°	1456.5	1455.7	1455.0	1454.2	1453.4	1452.9	1452.4	1451.9	1451.4	1451.1	1451.9
157.5°	1479.8	1479.1	1478.3	1477.6	1476.8	1476.8	1476.8	1476.8	1476.8	1476.8	1477.2
160°	1501.9	1500.8	1499.8	1498.7	1497.7	1497.5	1497.2	1497.0	1496.7	1496.6	1497.4
162.5°	1522.6	1521.1	1519.5	1518.0	1516.4	1516.1	1515.9	1515.6	1515.3	1515.2	1516.0
165°	1538.9	1537.4	1535.8	1534.3	1532.7	1532.5	1532.2	1532.0	1531.7	1531.6	1532.4
167.5°	1552.8	1551.0	1549.2	1547.4	1545.6	1545.3	1545.1	1544.8	1544.5	1544.4	1545.2
170°	1563.2	1561.1	1559.0	1557.0	1554.9	1554.6	1554.4	1554.1	1553.8	1553.7	1554.6
172.5°	1570.3	1568.5	1566.7	1564.9	1563.1	1562.6	1562.0	1561.5	1561.0	1560.7	1561.6
175°	1576.1	1574.0	1571.9	1569.8	1567.7	1567.5	1567.2	1567.0	1566.7	1566.6	1567.4
177.5°	1578.5	1576.7	1574.8	1573.0	1571.2	1571.0	1570.7	1570.5	1570.2	1570.1	1570.9
180°	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6	1573.6

TEST NUMBER: P1027066

CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1641.6	1641.6	1641.6	1641.6
2.5°	1603.8	1616.0	1628.1	1642.9
5°	1571.5	1593.1	1616.0	1637.5
7.5°	1536.5	1567.5	1597.1	1628.1
10°	1497.4	1536.5	1570.1	1613.3
12.5°	1454.2	1496.0	1543.2	1591.7
15°	1411.1	1463.7	1513.5	1568.8
17.5°	1370.7	1420.5	1475.8	1541.8
20°	1322.2	1377.4	1439.4	1509.5
22.5°	1270.9	1331.6	1399.0	1474.5
25°	1227.8	1289.8	1354.5	1434.0
27.5°	1180.6	1245.3	1308.7	1393.6
30°	1126.7	1196.8	1261.5	1349.1
32.5°	1075.5	1145.6	1217.0	1299.2
35°	1025.7	1094.4	1165.8	1249.4
37.5°	978.5	1040.5	1110.6	1186.0
40°	934.0	990.6	1052.6	1121.3
42.5°	877.4	943.4	1001.4	1051.3
45°	828.9	882.8	936.7	977.1
47.5°	772.3	826.2	872.0	904.4
50°	725.1	768.2	806.0	834.3
52.5°	668.5	708.9	739.9	761.5
55°	613.2	648.3	675.2	690.1
57.5°	563.4	586.3	606.5	620.0
60°	508.1	525.6	543.2	558.0
62.5°	448.8	467.7	477.1	493.3
65°	396.2	408.4	423.2	428.6
67.5°	345.0	351.8	361.2	372.0
70°	291.1	295.2	304.6	319.4
72.5°	243.9	248.0	254.7	260.1
75°	194.1	198.1	203.5	208.9
77.5°	152.3	153.6	156.3	161.7
80°	110.5	114.6	117.3	118.6
82.5°	76.8	78.2	78.2	79.5
85°	48.5	45.8	45.8	47.2
87.5°	17.5	20.2	20.2	22.9
90°	7.4	5.3	3.3	1.2
92.5°	15.2	17.5	19.9	22.2
95°	64.2	64.9	65.7	66.5
97.5°	129.5	127.9	126.4	124.8
100°	197.1	196.4	195.6	194.8
102.5°	269.1	268.0	267.0	266.0
105°	346.0	345.0	343.9	342.9
107.5°	422.3	422.3	422.3	422.3
110°	499.2	499.2	499.2	499.2

TEST NUMBER: P1027066

CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	573.9	573.2	572.4	571.6
115°	647.8	646.5	645.2	643.9
117.5°	719.7	719.7	719.7	719.7
120°	788.9	789.2	789.4	789.7
122.5°	855.4	854.1	852.8	851.5
125°	921.1	919.3	917.5	915.7
127.5°	981.4	980.1	978.8	977.5
130°	1037.4	1036.1	1034.8	1033.5
132.5°	1094.2	1092.6	1091.1	1089.5
135°	1146.7	1145.1	1143.6	1142.0
137.5°	1195.7	1194.1	1192.6	1191.0
140°	1240.3	1239.8	1239.3	1238.8
142.5°	1282.7	1282.4	1282.2	1281.9
145°	1325.5	1325.0	1324.4	1323.9
147.5°	1361.3	1361.3	1361.3	1361.3
150°	1394.7	1395.2	1395.8	1396.3
152.5°	1426.2	1427.5	1428.8	1430.1
155°	1453.4	1455.0	1456.5	1458.1
157.5°	1477.9	1478.7	1479.4	1480.2
160°	1498.9	1500.5	1502.0	1503.6
162.5°	1517.5	1519.1	1520.6	1522.2
165°	1533.9	1535.5	1537.0	1538.6
167.5°	1546.7	1548.3	1549.8	1551.4
170°	1556.4	1558.3	1560.1	1561.9
172.5°	1563.4	1565.3	1567.1	1568.9
175°	1568.9	1570.5	1572.0	1573.6
177.5°	1572.4	1574.0	1575.5	1577.1
180°	1573.6	1573.6	1573.6	1573.6

(END OF REPORT)