

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: P1027065

Luminaire Tested: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027065
REPORT IS A COMBINATION OF REPORTS P1004966 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_3000K
Description: Define 5 Regressed Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589}
{m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

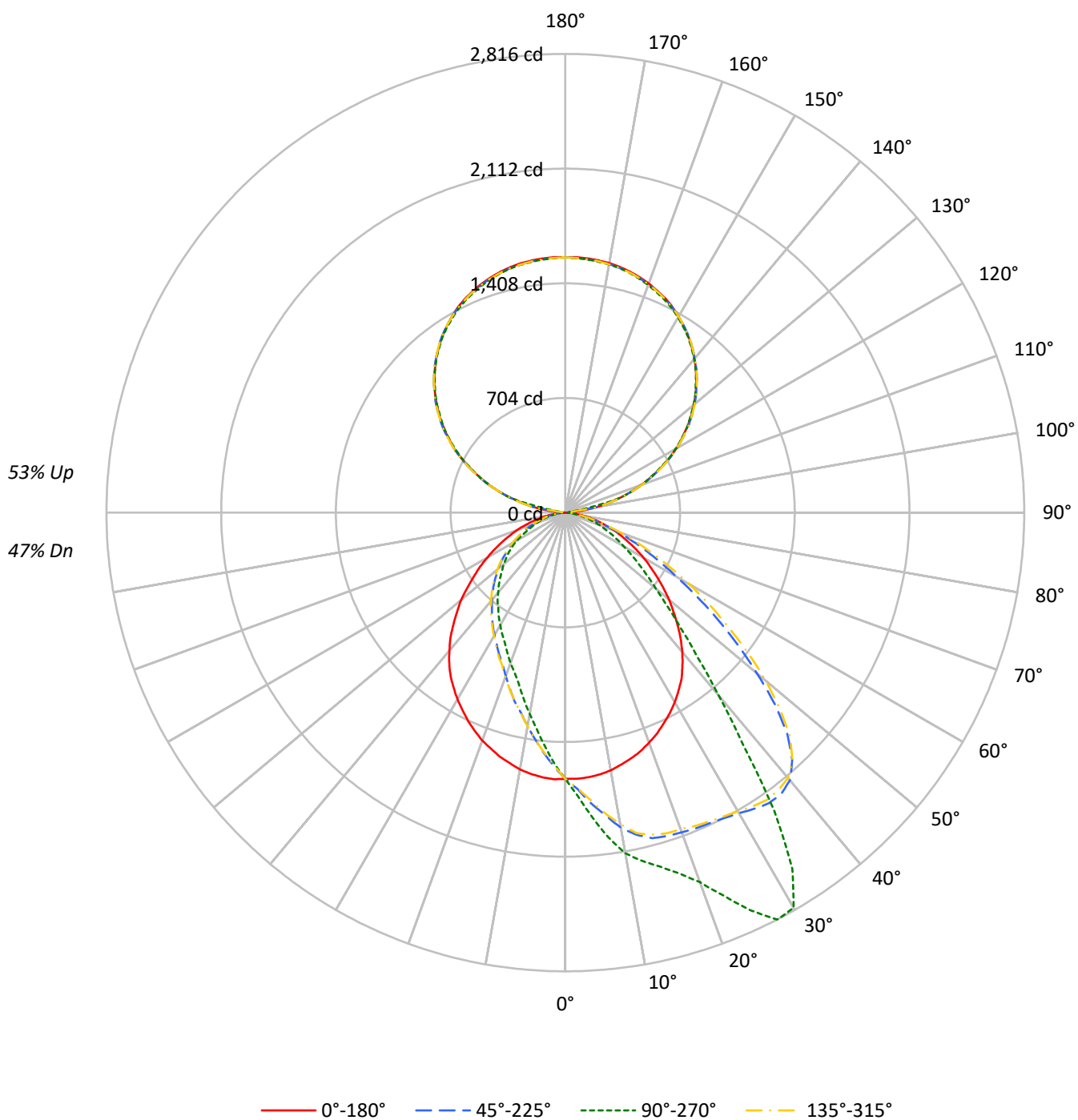
Lumens per Lamp: N/A
Luminaire Lumens: 9049.0 lumens
Efficiency: N/A
Efficacy: 110.6 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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



TEST NUMBER: P1027065

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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°	10470	10470	10470	10470
5°	10462	11801	10462	9071
10°	10403	13262	10368	7842
15°	10291	14030	10220	6827
20°	10154	15145	10063	6171
25°	9976	17143	9864	5601
30°	9795	18222	9649	5192
35°	9561	14986	9427	4812
40°	9145	10176	9068	4471
45°	8600	7316	8587	4134
50°	8039	5625	8078	3823
55°	7410	4575	7394	3524
60°	6823	3750	6790	3128
65°	6140	3124	6179	2518
70°	5574	2507	5551	2097
75°	4710	1899	4710	1724
80°	3816	1159	3771	1159
85°	2687	610	2607	689

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 14904 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	156.7	1.7
10°-20°	459.5	5.1
20°-30°	728.5	8.1
30°-40°	880.3	9.7
40°-50°	783.7	8.7
50°-60°	601.0	6.6
60°-70°	390.3	4.3
70°-80°	189.4	2.1
80°-90°	46.9	0.5
90°-100°	53.2	0.6
100°-110°	353.6	3.9
110°-120°	636.8	7.0
120°-130°	817.3	9.0
130°-140°	879.0	9.7
140°-150°	825.0	9.1
150°-160°	667.3	7.4
160°-170°	431.6	4.8
170°-180°	148.8	1.6
0°-30°	1344.7	14.9
0°-40°	2225.0	24.6
0°-60°	3609.7	39.9
0°-90°	4236.3	46.8
90°-120°	1043.5	11.5
90°-150°	3564.9	39.4
90°-180°	4813.0	53.2
0°-180°	9049.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1634	1634	1634	1634	1634	
5°	1630	1873	1630	1440	1630	155
15°	1562	2250	1551	1095	1562	440
25°	1428	2694	1412	880	1428	658
35°	1244	2235	1226	718	1244	774
45°	973	1000	971	565	973	751
55°	687	549	686	423	687	616
65°	427	311	429	251	427	427
75°	208	145	208	132	208	223
85°	47	31	46	35	47	53
90°	1	28	1	28	1	6
95°	66	24	66	24	66	81
105°	342	345	342	345	342	362
115°	641	636	641	636	641	636
125°	912	912	912	912	912	814
135°	1137	1132	1137	1132	1137	877
145°	1318	1315	1318	1315	1318	824
155°	1452	1441	1452	1441	1452	669
165°	1532	1524	1532	1524	1532	433
175°	1567	1560	1567	1560	1567	149
180°	1567	1567	1567	1567	1567	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2
2.5°	1635.6	1649.0	1653.0	1663.8	1675.8	1678.5	1685.2	1694.6	1700.0	1698.7	1698.7
5°	1630.2	1653.0	1669.1	1687.9	1710.7	1720.1	1728.2	1748.3	1764.4	1773.8	1789.9
7.5°	1620.8	1654.4	1681.2	1709.4	1744.3	1760.4	1777.8	1806.0	1835.5	1854.3	1871.7
10°	1606.1	1649.0	1686.6	1728.2	1775.1	1799.3	1820.8	1863.7	1899.9	1924.1	1964.3
12.5°	1584.6	1638.3	1690.6	1745.6	1804.6	1830.1	1859.7	1906.6	1957.6	1992.5	2026.0
15°	1561.8	1626.2	1682.6	1748.3	1819.4	1858.3	1895.9	1945.5	1991.2	2030.1	2069.0
17.5°	1535.0	1603.4	1673.2	1748.3	1828.8	1867.7	1899.9	1959.0	2007.3	2046.2	2081.0
20°	1502.8	1579.2	1658.4	1741.6	1823.4	1859.7	1890.5	1954.9	1997.9	2039.5	2089.1
22.5°	1467.9	1551.1	1635.6	1717.4	1797.9	1836.9	1873.1	1929.4	1976.4	2032.7	2097.2
25°	1427.6	1518.9	1604.7	1686.6	1763.1	1799.3	1831.5	1893.2	1959.0	2030.1	2102.5
27.5°	1387.4	1475.9	1559.1	1634.2	1717.4	1751.0	1783.2	1861.0	1938.8	2014.0	2113.3
30°	1343.1	1433.0	1505.4	1575.2	1655.7	1690.6	1730.9	1819.4	1908.0	2009.9	2130.7
32.5°	1293.4	1375.3	1442.4	1514.8	1587.3	1630.2	1681.2	1777.8	1879.8	2001.9	2156.2
35°	1243.8	1309.5	1371.3	1439.7	1526.9	1572.5	1622.2	1724.1	1851.6	1997.9	2177.7
37.5°	1180.7	1243.8	1292.1	1361.9	1451.8	1505.4	1555.1	1673.2	1818.1	1988.5	2176.3
40°	1116.3	1170.0	1215.6	1288.1	1386.0	1435.7	1489.3	1618.1	1783.2	1961.6	2144.1
42.5°	1046.6	1092.2	1141.8	1211.6	1306.9	1355.2	1416.9	1567.2	1734.9	1924.1	2060.9
45°	972.8	1017.0	1058.6	1131.1	1226.4	1278.7	1345.8	1500.1	1675.8	1844.9	1926.7
47.5°	900.3	939.2	983.5	1046.6	1143.2	1200.9	1269.3	1434.3	1596.7	1738.9	1745.6
50°	830.5	861.4	899.0	963.4	1064.0	1119.0	1190.1	1344.4	1502.8	1600.7	1535.0
52.5°	758.1	786.3	825.2	881.5	975.5	1039.9	1101.6	1255.9	1388.7	1454.5	1333.7
55°	687.0	711.1	751.4	814.4	896.3	945.9	1009.0	1152.6	1269.3	1270.6	1139.1
57.5°	617.2	638.7	672.2	728.6	805.0	862.7	920.4	1045.2	1124.4	1101.6	955.3
60°	555.5	568.9	599.8	654.8	725.9	767.5	829.2	933.9	986.2	944.6	787.6
62.5°	491.1	504.5	528.6	572.9	640.0	684.3	723.2	809.1	845.3	782.2	653.4
65°	426.7	442.8	460.2	495.1	558.2	587.7	622.6	685.6	720.5	646.7	535.4
67.5°	370.3	378.4	395.8	432.0	476.3	503.2	527.3	570.2	577.0	517.9	426.7
70°	318.0	320.7	336.8	358.2	391.8	407.9	428.0	453.5	453.5	405.2	332.8
72.5°	259.0	263.0	275.1	297.9	318.0	326.0	332.8	348.9	346.2	301.9	252.2
75°	208.0	210.7	220.0	230.8	238.8	253.6	259.0	256.3	254.9	217.4	189.2
77.5°	161.0	162.4	169.1	178.5	179.8	185.2	181.1	181.1	169.1	147.6	132.8
80°	118.1	119.4	122.1	124.8	124.8	124.8	124.8	118.1	110.0	96.6	92.6
82.5°	79.2	79.2	80.5	83.2	81.8	79.2	76.5	69.8	64.4	60.4	57.7
85°	47.0	47.0	48.3	47.0	41.6	40.3	37.6	36.2	34.9	33.5	33.5
87.5°	22.8	21.5	18.8	16.1	16.1	16.1	16.1	16.1	16.1	14.8	14.8
90°	1.2	3.3	5.3	7.4	9.5	10.5	11.4	13.2	15.0	16.8	18.6
92.5°	22.1	19.8	17.4	15.1	12.8	11.6	12.4	13.9	15.5	17.0	18.6
95°	66.2	65.4	64.6	63.9	63.1	62.7	57.8	48.0	38.2	28.4	18.6
97.5°	124.3	125.8	127.4	128.9	130.4	131.2	118.9	94.4	69.9	45.4	20.9
100°	194.0	194.8	195.5	196.3	197.0	197.4	197.9	199.0	200.0	201.1	202.1
102.5°	264.8	265.8	266.8	267.9	268.9	269.4	269.7	270.2	270.7	271.3	271.8
105°	341.5	342.5	343.5	344.6	345.6	346.1	346.1	346.1	346.1	346.1	346.1
107.5°	420.4	420.4	420.4	420.4	420.4	420.4	420.7	421.2	421.7	422.3	422.8
110°	497.1	497.1	497.1	497.1	497.1	497.1	497.4	497.9	498.4	498.9	499.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	569.1	569.9	570.7	571.4	572.2	572.6	572.7	573.0	573.2	573.5	573.7
115°	641.1	642.4	643.7	645.0	646.3	646.9	647.0	647.3	647.6	647.8	648.1
117.5°	716.6	716.6	716.6	716.6	716.6	716.6	717.1	718.1	719.2	720.2	721.2
120°	786.3	786.0	785.8	785.5	785.2	785.1	785.5	786.3	787.0	787.8	788.6
122.5°	847.8	849.1	850.4	851.7	853.0	853.6	853.7	854.0	854.3	854.5	854.8
125°	911.7	913.5	915.3	917.1	918.9	919.8	919.8	919.8	919.8	919.8	919.8
127.5°	973.3	974.6	975.9	977.2	978.5	979.1	979.0	978.7	978.4	978.2	977.9
130°	1029.0	1030.3	1031.6	1032.9	1034.2	1034.8	1034.9	1035.2	1035.5	1035.7	1036.0
132.5°	1084.8	1086.3	1087.9	1089.4	1090.9	1091.7	1091.3	1090.5	1089.8	1089.0	1088.2
135°	1137.0	1138.6	1140.1	1141.7	1143.2	1144.0	1143.7	1143.2	1142.7	1142.2	1141.7
137.5°	1185.8	1187.4	1188.9	1190.5	1192.0	1192.8	1192.5	1192.0	1191.5	1190.9	1190.4
140°	1233.4	1233.9	1234.4	1234.9	1235.4	1235.7	1235.6	1235.3	1235.1	1234.8	1234.6
142.5°	1276.4	1276.6	1276.9	1277.1	1277.4	1277.5	1277.8	1278.3	1278.8	1279.4	1279.9
145°	1318.2	1318.7	1319.2	1319.7	1320.2	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5
147.5°	1355.4	1355.4	1355.4	1355.4	1355.4	1355.4	1355.5	1355.8	1356.0	1356.3	1356.5
150°	1390.2	1389.7	1389.2	1388.7	1388.2	1387.9	1388.2	1388.7	1389.2	1389.7	1390.2
152.5°	1423.9	1422.6	1421.3	1420.0	1418.7	1418.1	1418.4	1418.9	1419.4	1419.9	1420.4
155°	1451.8	1450.2	1448.7	1447.1	1445.6	1444.8	1445.1	1445.6	1446.1	1446.6	1447.1
157.5°	1473.8	1473.0	1472.2	1471.5	1470.7	1470.3	1470.3	1470.3	1470.3	1470.3	1470.3
160°	1497.0	1495.5	1493.9	1492.4	1490.9	1490.1	1490.2	1490.5	1490.7	1491.0	1491.2
162.5°	1515.6	1514.1	1512.5	1511.0	1509.5	1508.7	1508.8	1509.1	1509.3	1509.6	1509.8
165°	1531.9	1530.3	1528.8	1527.2	1525.7	1524.9	1525.0	1525.3	1525.6	1525.8	1526.1
167.5°	1544.7	1543.1	1541.6	1540.0	1538.5	1537.7	1537.8	1538.1	1538.4	1538.6	1538.9
170°	1555.1	1553.3	1551.5	1549.7	1547.9	1547.0	1547.1	1547.4	1547.7	1547.9	1548.2
172.5°	1562.1	1560.3	1558.5	1556.7	1554.9	1554.0	1554.3	1554.8	1555.3	1555.8	1556.3
175°	1566.7	1565.2	1563.6	1562.1	1560.6	1559.8	1559.9	1560.2	1560.4	1560.7	1560.9
177.5°	1570.2	1568.6	1567.1	1565.5	1564.0	1563.2	1563.3	1563.6	1563.9	1564.1	1564.4
180°	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2
2.5°	1705.4	1714.8	1722.8	1718.8	1734.9	1733.5	1736.2	1741.6	1742.9	1740.2	1734.9
5°	1797.9	1811.4	1834.2	1846.2	1843.6	1854.3	1859.7	1867.7	1875.8	1873.1	1873.1
7.5°	1901.3	1920.0	1942.8	1973.7	1977.7	1987.1	2003.2	2003.2	2012.6	2008.6	2007.3
10°	1991.2	2014.0	2050.2	2074.3	2085.1	2090.4	2106.5	2111.9	2122.6	2124.0	2124.0
12.5°	2064.9	2105.2	2129.4	2153.5	2158.9	2166.9	2179.0	2187.0	2191.1	2191.1	2187.0
15°	2103.9	2136.1	2164.2	2189.7	2204.5	2211.2	2223.3	2232.7	2238.0	2250.1	2252.8
17.5°	2120.0	2158.9	2204.5	2240.7	2266.2	2272.9	2297.1	2305.1	2315.9	2321.2	2327.9
20°	2142.8	2199.1	2254.1	2298.4	2322.6	2340.0	2365.5	2403.1	2413.8	2413.8	2409.8
22.5°	2162.9	2235.4	2310.5	2381.6	2401.7	2436.6	2483.6	2523.8	2539.9	2546.6	2541.3
25°	2187.0	2286.3	2384.3	2472.8	2527.9	2553.3	2616.4	2664.7	2683.5	2694.2	2696.9
27.5°	2228.6	2353.4	2478.2	2590.9	2647.3	2676.8	2742.5	2784.1	2806.9	2816.3	2809.6
30°	2275.6	2428.6	2573.5	2674.1	2711.7	2747.9	2790.8	2806.9	2801.6	2801.6	2821.7
32.5°	2323.9	2482.2	2611.0	2676.8	2690.2	2684.8	2667.4	2619.1	2590.9	2590.9	2608.4
35°	2350.7	2487.6	2553.3	2531.9	2479.5	2448.7	2353.4	2299.8	2239.4	2235.4	2255.5
37.5°	2336.0	2395.0	2368.2	2227.3	2156.2	2097.2	1948.2	1889.2	1844.9	1783.2	1878.4
40°	2232.7	2212.5	2073.0	1870.4	1791.2	1708.0	1590.0	1530.9	1469.2	1459.8	1482.6
42.5°	2058.2	1938.8	1734.9	1539.0	1458.5	1399.4	1309.5	1251.9	1212.9	1196.8	1223.7
45°	1840.9	1653.0	1449.1	1293.4	1204.9	1174.0	1092.2	1041.2	1011.7	999.6	1018.4
47.5°	1575.2	1386.0	1192.8	1061.3	1009.0	978.1	923.1	878.8	853.4	845.3	853.4
50°	1337.7	1143.2	980.8	896.3	849.3	823.8	778.2	750.0	729.9	724.5	738.0
52.5°	1132.4	955.3	831.9	756.7	725.9	704.4	672.2	648.1	636.0	630.6	640.0
55°	948.6	805.0	705.8	641.4	618.5	605.1	577.0	563.5	550.1	548.8	558.2
57.5°	786.3	687.0	595.7	550.1	543.4	523.3	499.1	487.1	480.3	479.0	483.0
60°	654.8	566.2	511.2	471.0	461.6	445.5	432.0	424.0	415.9	413.3	415.9
62.5°	544.7	475.0	430.7	403.9	390.4	386.4	371.7	362.3	360.9	360.9	363.6
65°	449.5	390.4	362.3	340.8	331.4	327.4	316.7	309.9	311.3	311.3	312.6
67.5°	366.3	323.4	297.9	287.1	279.1	277.7	267.0	264.3	261.6	261.6	264.3
70°	291.2	264.3	245.5	240.2	238.8	229.4	225.4	224.1	220.0	221.4	221.4
72.5°	228.1	210.7	199.9	191.9	193.2	187.8	182.5	182.5	179.8	183.8	183.8
75°	169.1	161.0	153.0	150.3	153.0	150.3	146.3	144.9	146.3	144.9	144.9
77.5°	124.8	120.8	118.1	116.7	116.7	111.4	108.7	111.4	106.0	108.7	108.7
80°	87.2	81.8	80.5	77.8	79.2	75.1	76.5	73.8	73.8	73.8	73.8
82.5°	55.0	53.7	53.7	53.7	52.3	52.3	52.3	52.3	52.3	52.3	51.0
85°	33.5	32.2	32.2	32.2	30.9	30.9	30.9	30.9	30.9	30.9	30.9
87.5°	13.4	14.8	14.8	16.1	14.8	13.4	13.4	13.4	14.8	14.8	13.4
90°	19.9	21.2	22.5	23.8	24.4	24.8	25.6	26.3	27.1	27.9	27.1
92.5°	19.9	21.2	22.5	23.8	24.4	24.5	24.8	25.1	25.3	25.6	25.3
95°	19.9	21.2	22.5	23.8	24.4	24.4	24.4	24.4	24.4	24.4	24.4
97.5°	21.4	21.9	22.4	22.9	23.2	23.3	23.6	23.9	24.1	24.4	24.1
100°	163.6	125.2	86.7	48.2	29.0	28.5	27.5	26.4	25.4	24.4	25.4
102.5°	272.3	272.8	273.3	273.8	274.1	263.3	241.6	219.9	198.2	176.5	198.2
105°	346.1	346.1	346.1	346.1	346.1	346.0	345.7	345.4	345.2	344.9	345.2
107.5°	423.0	423.3	423.5	423.8	423.9	423.4	422.4	421.3	420.3	419.3	420.3
110°	498.6	497.8	497.1	496.3	495.9	496.0	496.3	496.6	496.8	497.1	496.8

TEST NUMBER: P1027065

CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	572.7	571.7	570.6	569.6	569.1	568.8	568.3	567.8	567.3	566.8	567.3
115°	647.1	646.0	645.0	643.9	643.4	642.6	641.1	639.5	638.0	636.4	638.0
117.5°	719.7	718.1	716.6	715.1	714.3	714.0	713.5	713.0	712.4	711.9	712.4
120°	788.1	787.6	787.1	786.6	786.3	785.7	784.4	783.1	781.8	780.5	781.8
122.5°	854.3	853.8	853.3	852.8	852.5	851.7	850.2	848.6	847.1	845.5	847.1
125°	918.8	917.8	916.7	915.7	915.2	914.8	914.0	913.3	912.5	911.7	912.5
127.5°	977.4	976.9	976.4	975.9	975.6	974.6	972.5	970.4	968.4	966.3	968.4
130°	1035.2	1034.4	1033.7	1032.9	1032.5	1031.9	1030.6	1029.3	1028.0	1026.7	1028.0
132.5°	1088.2	1088.2	1088.2	1088.2	1088.2	1087.6	1086.3	1085.0	1083.7	1082.4	1083.7
135°	1141.2	1140.6	1140.1	1139.6	1139.3	1138.5	1137.0	1135.5	1133.9	1132.4	1133.9
137.5°	1190.4	1190.4	1190.4	1190.4	1190.4	1189.8	1188.5	1187.2	1185.9	1184.6	1185.9
140°	1235.1	1235.6	1236.1	1236.6	1236.9	1236.1	1234.6	1233.0	1231.5	1229.9	1231.5
142.5°	1279.9	1279.9	1279.9	1279.9	1279.9	1279.1	1277.6	1276.0	1274.5	1272.9	1274.5
145°	1320.8	1321.0	1321.3	1321.6	1321.7	1320.9	1319.4	1317.8	1316.3	1314.7	1316.3
147.5°	1356.8	1357.0	1357.3	1357.6	1357.7	1356.8	1355.0	1353.2	1351.4	1349.6	1351.4
150°	1390.7	1391.2	1391.7	1392.2	1392.5	1391.5	1389.4	1387.3	1385.3	1383.2	1385.3
152.5°	1420.9	1421.4	1421.9	1422.4	1422.7	1421.8	1420.0	1418.2	1416.4	1414.6	1416.4
155°	1447.9	1448.7	1449.4	1450.2	1450.6	1449.6	1447.5	1445.4	1443.4	1441.3	1443.4
157.5°	1471.1	1471.9	1472.6	1473.4	1473.8	1472.8	1470.7	1468.6	1466.6	1464.5	1466.6
160°	1492.2	1493.3	1494.3	1495.4	1495.9	1494.9	1492.8	1490.7	1488.7	1486.6	1488.7
162.5°	1511.4	1512.9	1514.5	1516.0	1516.8	1515.6	1513.3	1511.0	1508.6	1506.3	1508.6
165°	1527.7	1529.2	1530.8	1532.3	1533.1	1532.1	1530.0	1527.9	1525.9	1523.8	1525.9
167.5°	1540.7	1542.5	1544.3	1546.1	1547.0	1545.8	1543.5	1541.2	1538.8	1536.5	1538.8
170°	1550.2	1552.3	1554.3	1556.4	1557.4	1556.2	1553.9	1551.6	1549.3	1547.0	1549.3
172.5°	1558.1	1559.9	1561.7	1563.5	1564.4	1563.2	1560.9	1558.6	1556.3	1554.0	1556.3
175°	1563.0	1565.0	1567.1	1569.2	1570.2	1569.0	1566.7	1564.4	1562.1	1559.8	1562.1
177.5°	1566.2	1568.0	1569.8	1571.6	1572.5	1571.5	1569.4	1567.3	1565.3	1563.2	1565.3
180°	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7

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CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2
2.5°	1741.6	1732.2	1736.2	1732.2	1728.2	1724.1	1714.8	1701.3	1690.6	1682.6	1681.2
5°	1875.8	1863.7	1855.6	1851.6	1843.6	1832.8	1815.4	1795.3	1771.1	1761.7	1742.9
7.5°	1999.2	1995.2	1976.4	1973.7	1968.3	1948.2	1918.7	1891.9	1861.0	1835.5	1811.4
10°	2115.9	2106.5	2093.1	2074.3	2071.7	2046.2	2018.0	1980.4	1940.2	1916.0	1873.1
12.5°	2188.4	2177.7	2162.9	2150.8	2144.1	2128.0	2089.1	2051.5	2015.3	1971.0	1933.5
15°	2240.7	2227.3	2200.5	2191.1	2183.0	2161.6	2133.4	2094.5	2046.2	2015.3	1961.6
17.5°	2311.8	2295.7	2268.9	2251.5	2236.7	2203.1	2162.9	2110.6	2064.9	2030.1	1981.8
20°	2393.7	2369.5	2334.6	2311.8	2290.4	2251.5	2195.1	2133.4	2067.6	2024.7	1975.1
22.5°	2529.2	2483.6	2428.6	2396.4	2366.8	2299.8	2232.7	2156.2	2082.4	2018.0	1957.6
25°	2660.7	2615.1	2546.6	2502.4	2456.7	2378.9	2290.4	2184.4	2090.4	2015.3	1936.1
27.5°	2782.8	2735.8	2672.8	2619.1	2574.8	2458.1	2341.3	2221.9	2102.5	1999.2	1918.7
30°	2811.0	2790.8	2742.5	2695.6	2655.3	2548.0	2412.5	2260.8	2117.3	1984.4	1894.5
32.5°	2640.6	2690.2	2702.3	2695.6	2670.1	2593.6	2468.8	2309.1	2138.7	1977.7	1854.3
35°	2286.3	2376.2	2468.8	2518.5	2542.6	2553.3	2479.5	2333.3	2153.5	1967.0	1827.5
37.5°	1895.9	1983.1	2129.4	2203.1	2285.0	2392.3	2421.9	2327.9	2146.8	1959.0	1784.5
40°	1557.8	1669.1	1789.9	1857.0	1928.1	2121.3	2267.6	2256.8	2125.3	1929.4	1751.0
42.5°	1268.0	1337.7	1443.7	1517.5	1604.7	1820.8	2016.6	2113.3	2060.9	1893.2	1708.0
45°	1057.3	1111.0	1186.1	1261.2	1314.9	1510.8	1742.9	1901.3	1950.9	1828.8	1642.3
47.5°	890.9	931.2	996.9	1043.9	1101.6	1255.9	1457.1	1679.9	1784.5	1737.6	1572.5
50°	763.5	795.7	848.0	877.5	928.5	1061.3	1214.3	1447.7	1606.1	1611.4	1479.9
52.5°	652.1	684.3	728.6	754.1	784.9	874.8	1029.1	1226.4	1408.8	1475.9	1373.9
55°	567.6	586.3	622.6	642.7	670.9	758.1	856.0	1023.8	1214.3	1324.3	1259.9
57.5°	489.7	509.9	532.7	548.8	568.9	638.7	727.2	853.4	1042.5	1162.0	1140.5
60°	426.7	438.8	460.2	472.3	491.1	536.7	598.4	724.5	874.8	987.5	999.6
62.5°	367.6	378.4	393.1	403.9	415.9	452.2	497.8	587.7	719.2	841.3	857.4
65°	316.7	326.0	334.1	343.5	352.9	375.7	414.6	484.4	586.3	700.4	735.3
67.5°	271.0	273.7	285.8	287.1	292.5	309.9	338.1	394.5	468.3	559.5	605.1
70°	226.8	232.1	234.8	238.8	244.2	256.3	279.1	308.6	363.6	437.4	480.3
72.5°	183.8	185.2	189.2	191.9	197.2	206.6	217.4	240.2	275.1	328.7	367.6
75°	146.3	147.6	150.3	151.6	155.6	158.3	163.7	179.8	203.9	236.1	264.3
77.5°	110.0	112.7	115.4	115.4	116.7	119.4	122.1	127.5	139.5	161.0	185.2
80°	75.1	76.5	76.5	77.8	76.5	80.5	84.5	91.2	96.6	103.3	115.4
82.5°	52.3	52.3	52.3	53.7	53.7	55.0	55.0	56.4	57.7	61.7	67.1
85°	32.2	32.2	33.5	30.9	32.2	33.5	33.5	32.2	33.5	34.9	36.2
87.5°	13.4	13.4	14.8	14.8	14.8	14.8	13.4	14.8	13.4	14.8	14.8
90°	26.3	25.6	24.8	24.4	23.8	22.5	21.2	19.9	18.6	16.8	15.0
92.5°	25.1	24.8	24.5	24.4	23.8	22.5	21.2	19.9	18.6	17.0	15.5
95°	24.4	24.4	24.4	24.4	23.8	22.5	21.2	19.9	18.6	28.4	38.2
97.5°	23.9	23.6	23.3	23.2	22.9	22.4	21.9	21.4	20.9	45.4	69.9
100°	26.4	27.5	28.5	29.0	48.2	86.7	125.2	163.6	202.1	201.1	200.0
102.5°	219.9	241.6	263.3	274.1	273.8	273.3	272.8	272.3	271.8	271.3	270.7
105°	345.4	345.7	346.0	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1
107.5°	421.3	422.4	423.4	423.9	423.8	423.5	423.3	423.0	422.8	422.3	421.7
110°	496.6	496.3	496.0	495.9	496.3	497.1	497.8	498.6	499.4	498.9	498.4

TEST NUMBER: P1027065

CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	567.8	568.3	568.8	569.1	569.6	570.6	571.7	572.7	573.7	573.5	573.2
115°	639.5	641.1	642.6	643.4	643.9	645.0	646.0	647.1	648.1	647.8	647.6
117.5°	713.0	713.5	714.0	714.3	715.1	716.6	718.1	719.7	721.2	720.2	719.2
120°	783.1	784.4	785.7	786.3	786.6	787.1	787.6	788.1	788.6	787.8	787.0
122.5°	848.6	850.2	851.7	852.5	852.8	853.3	853.8	854.3	854.8	854.5	854.3
125°	913.3	914.0	914.8	915.2	915.7	916.7	917.8	918.8	919.8	919.8	919.8
127.5°	970.4	972.5	974.6	975.6	975.9	976.4	976.9	977.4	977.9	978.2	978.4
130°	1029.3	1030.6	1031.9	1032.5	1032.9	1033.7	1034.4	1035.2	1036.0	1035.7	1035.5
132.5°	1085.0	1086.3	1087.6	1088.2	1088.2	1088.2	1088.2	1088.2	1088.2	1089.0	1089.8
135°	1135.5	1137.0	1138.5	1139.3	1139.6	1140.1	1140.6	1141.2	1141.7	1142.2	1142.7
137.5°	1187.2	1188.5	1189.8	1190.4	1190.4	1190.4	1190.4	1190.4	1190.4	1190.9	1191.5
140°	1233.0	1234.6	1236.1	1236.9	1236.6	1236.1	1235.6	1235.1	1234.6	1234.8	1235.1
142.5°	1276.0	1277.6	1279.1	1279.9	1279.9	1279.9	1279.9	1279.9	1279.9	1279.4	1278.8
145°	1317.8	1319.4	1320.9	1321.7	1321.6	1321.3	1321.0	1320.8	1320.5	1320.5	1320.5
147.5°	1353.2	1355.0	1356.8	1357.7	1357.6	1357.3	1357.0	1356.8	1356.5	1356.3	1356.0
150°	1387.3	1389.4	1391.5	1392.5	1392.2	1391.7	1391.2	1390.7	1390.2	1389.7	1389.2
152.5°	1418.2	1420.0	1421.8	1422.7	1422.4	1421.9	1421.4	1420.9	1420.4	1419.9	1419.4
155°	1445.4	1447.5	1449.6	1450.6	1450.2	1449.4	1448.7	1447.9	1447.1	1446.6	1446.1
157.5°	1468.6	1470.7	1472.8	1473.8	1473.4	1472.6	1471.9	1471.1	1470.3	1470.3	1470.3
160°	1490.7	1492.8	1494.9	1495.9	1495.4	1494.3	1493.3	1492.2	1491.2	1491.0	1490.7
162.5°	1511.0	1513.3	1515.6	1516.8	1516.0	1514.5	1512.9	1511.4	1509.8	1509.6	1509.3
165°	1527.9	1530.0	1532.1	1533.1	1532.3	1530.8	1529.2	1527.7	1526.1	1525.8	1525.6
167.5°	1541.2	1543.5	1545.8	1547.0	1546.1	1544.3	1542.5	1540.7	1538.9	1538.6	1538.4
170°	1551.6	1553.9	1556.2	1557.4	1556.4	1554.3	1552.3	1550.2	1548.2	1547.9	1547.7
172.5°	1558.6	1560.9	1563.2	1564.4	1563.5	1561.7	1559.9	1558.1	1556.3	1555.8	1555.3
175°	1564.4	1566.7	1569.0	1570.2	1569.2	1567.1	1565.0	1563.0	1560.9	1560.7	1560.4
177.5°	1567.3	1569.4	1571.5	1572.5	1571.6	1569.8	1568.0	1566.2	1564.4	1564.1	1563.9
180°	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7

TEST NUMBER: P1027065

CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2
2.5°	1677.2	1669.1	1663.8	1662.4	1654.4	1647.7	1639.6	1638.3	1634.2	1623.5	1616.8
5°	1729.5	1710.7	1706.7	1694.6	1674.5	1659.7	1641.0	1630.2	1618.1	1598.0	1581.9
7.5°	1783.2	1757.7	1738.9	1721.5	1693.3	1666.4	1639.6	1618.1	1596.7	1567.2	1543.0
10°	1835.5	1796.6	1773.8	1748.3	1709.4	1669.1	1631.6	1600.7	1565.8	1530.9	1496.0
12.5°	1883.8	1834.2	1800.6	1764.4	1716.1	1666.4	1618.1	1575.2	1539.0	1492.0	1453.1
15°	1913.3	1858.3	1824.8	1789.9	1717.4	1662.4	1606.1	1551.1	1502.8	1453.1	1416.9
17.5°	1930.8	1869.1	1831.5	1799.3	1725.5	1650.3	1577.9	1518.9	1466.5	1407.5	1359.2
20°	1922.7	1862.3	1827.5	1796.6	1710.7	1635.6	1557.8	1489.3	1423.6	1363.2	1312.2
22.5°	1905.3	1842.2	1803.3	1775.1	1698.7	1610.1	1524.2	1450.4	1382.0	1321.6	1263.9
25°	1867.7	1806.0	1772.4	1737.6	1662.4	1577.9	1490.7	1411.5	1339.1	1274.7	1210.3
27.5°	1834.2	1759.0	1724.1	1693.3	1614.1	1539.0	1453.1	1365.9	1292.1	1225.0	1160.6
30°	1795.3	1710.7	1673.2	1631.6	1560.5	1489.3	1403.5	1323.0	1246.5	1175.4	1113.7
32.5°	1753.7	1655.7	1612.8	1565.8	1493.4	1426.3	1353.8	1274.7	1198.2	1128.4	1064.0
35°	1700.0	1595.3	1545.7	1501.4	1426.3	1359.2	1292.1	1226.4	1149.9	1076.1	1014.4
37.5°	1649.0	1533.6	1481.3	1430.3	1351.1	1286.7	1231.7	1170.0	1096.2	1025.1	966.1
40°	1591.3	1458.5	1404.8	1357.8	1276.0	1204.9	1155.2	1106.9	1042.5	974.1	909.7
42.5°	1539.0	1388.7	1332.4	1284.1	1198.2	1131.1	1084.1	1043.9	987.5	924.5	858.7
45°	1466.5	1313.6	1255.9	1204.9	1117.7	1054.6	1006.3	971.4	927.1	868.1	809.1
47.5°	1399.4	1241.1	1178.1	1116.3	1037.2	972.8	928.5	901.7	872.1	819.8	759.4
50°	1317.6	1157.9	1093.5	1042.5	952.6	897.6	853.4	834.6	807.7	758.1	709.8
52.5°	1229.0	1077.4	1017.0	955.3	872.1	818.5	779.6	758.1	736.6	700.4	654.8
55°	1125.7	987.5	931.2	876.2	793.0	743.3	708.4	685.6	673.6	640.0	606.5
57.5°	1026.4	896.3	844.0	793.0	720.5	664.2	641.4	621.2	603.8	579.6	551.5
60°	925.8	807.7	751.4	705.8	642.7	591.7	572.9	552.8	539.4	520.6	500.5
62.5°	810.4	709.8	666.8	623.9	570.2	530.0	508.5	492.4	475.0	462.9	445.5
65°	688.3	617.2	575.6	543.4	492.4	456.2	440.1	429.4	414.6	402.5	389.1
67.5°	574.3	517.9	500.5	465.6	426.7	394.5	382.4	369.0	356.9	350.2	338.1
70°	464.2	424.0	406.5	397.2	354.2	332.8	322.0	316.7	301.9	295.2	287.1
72.5°	359.6	344.8	332.8	320.7	292.5	279.1	267.0	261.6	250.9	245.5	242.9
75°	265.7	256.3	249.6	248.2	236.1	222.7	210.7	208.0	199.9	194.6	191.9
77.5°	186.5	183.8	182.5	183.8	175.8	167.7	165.0	162.4	153.0	151.6	151.6
80°	122.1	128.8	128.8	127.5	124.8	123.4	119.4	116.7	111.4	110.0	111.4
82.5°	75.1	79.2	80.5	83.2	81.8	80.5	77.8	76.5	77.8	75.1	76.5
85°	37.6	40.3	45.6	45.6	47.0	47.0	47.0	45.6	42.9	44.3	42.9
87.5°	14.8	16.1	16.1	16.1	14.8	18.8	20.1	20.1	20.1	17.4	17.4
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°	13.9	12.4	11.6	12.8	15.1	17.4	19.8	22.1	19.8	17.4	15.1
95°	48.0	57.8	62.7	63.1	63.9	64.6	65.4	66.2	65.4	64.6	63.9
97.5°	94.4	118.9	131.2	130.4	128.9	127.4	125.8	124.3	125.8	127.4	128.9
100°	199.0	197.9	197.4	197.0	196.3	195.5	194.8	194.0	194.8	195.5	196.3
102.5°	270.2	269.7	269.4	268.9	267.9	266.8	265.8	264.8	265.8	266.8	267.9
105°	346.1	346.1	346.1	345.6	344.6	343.5	342.5	341.5	342.5	343.5	344.6
107.5°	421.2	420.7	420.4	420.4	420.4	420.4	420.4	420.4	420.4	420.4	420.4
110°	497.9	497.4	497.1	497.1	497.1	497.1	497.1	497.1	497.1	497.1	497.1

TEST NUMBER: P1027065

CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	573.0	572.7	572.6	572.2	571.4	570.7	569.9	569.1	569.9	570.7	571.4
115°	647.3	647.0	646.9	646.3	645.0	643.7	642.4	641.1	642.4	643.7	645.0
117.5°	718.1	717.1	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6	716.6
120°	786.3	785.5	785.1	785.2	785.5	785.8	786.0	786.3	786.0	785.8	785.5
122.5°	854.0	853.7	853.6	853.0	851.7	850.4	849.1	847.8	849.1	850.4	851.7
125°	919.8	919.8	919.8	918.9	917.1	915.3	913.5	911.7	913.5	915.3	917.1
127.5°	978.7	979.0	979.1	978.5	977.2	975.9	974.6	973.3	974.6	975.9	977.2
130°	1035.2	1034.9	1034.8	1034.2	1032.9	1031.6	1030.3	1029.0	1030.3	1031.6	1032.9
132.5°	1090.5	1091.3	1091.7	1090.9	1089.4	1087.9	1086.3	1084.8	1086.3	1087.9	1089.4
135°	1143.2	1143.7	1144.0	1143.2	1141.7	1140.1	1138.6	1137.0	1138.6	1140.1	1141.7
137.5°	1192.0	1192.5	1192.8	1192.0	1190.5	1188.9	1187.4	1185.8	1187.4	1188.9	1190.5
140°	1235.3	1235.6	1235.7	1235.4	1234.9	1234.4	1233.9	1233.4	1233.9	1234.4	1234.9
142.5°	1278.3	1277.8	1277.5	1277.4	1277.1	1276.9	1276.6	1276.4	1276.6	1276.9	1277.1
145°	1320.5	1320.5	1320.5	1320.2	1319.7	1319.2	1318.7	1318.2	1318.7	1319.2	1319.7
147.5°	1355.8	1355.5	1355.4	1355.4	1355.4	1355.4	1355.4	1355.4	1355.4	1355.4	1355.4
150°	1388.7	1388.2	1387.9	1388.2	1388.7	1389.2	1389.7	1390.2	1389.7	1389.2	1388.7
152.5°	1418.9	1418.4	1418.1	1418.7	1420.0	1421.3	1422.6	1423.9	1422.6	1421.3	1420.0
155°	1445.6	1445.1	1444.8	1445.6	1447.1	1448.7	1450.2	1451.8	1450.2	1448.7	1447.1
157.5°	1470.3	1470.3	1470.3	1470.7	1471.5	1472.2	1473.0	1473.8	1473.0	1472.2	1471.5
160°	1490.5	1490.2	1490.1	1490.9	1492.4	1493.9	1495.5	1497.0	1495.5	1493.9	1492.4
162.5°	1509.1	1508.8	1508.7	1509.5	1511.0	1512.5	1514.1	1515.6	1514.1	1512.5	1511.0
165°	1525.3	1525.0	1524.9	1525.7	1527.2	1528.8	1530.3	1531.9	1530.3	1528.8	1527.2
167.5°	1538.1	1537.8	1537.7	1538.5	1540.0	1541.6	1543.1	1544.7	1543.1	1541.6	1540.0
170°	1547.4	1547.1	1547.0	1547.9	1549.7	1551.5	1553.3	1555.1	1553.3	1551.5	1549.7
172.5°	1554.8	1554.3	1554.0	1554.9	1556.7	1558.5	1560.3	1562.1	1560.3	1558.5	1556.7
175°	1560.2	1559.9	1559.8	1560.6	1562.1	1563.6	1565.2	1566.7	1565.2	1563.6	1562.1
177.5°	1563.6	1563.3	1563.2	1564.0	1565.5	1567.1	1568.6	1570.2	1568.6	1567.1	1565.5
180°	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7

TEST NUMBER: P1027065

CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2
2.5°	1612.8	1607.4	1603.4	1599.4	1581.9	1563.1	1560.5	1556.4	1548.4	1557.8	1553.7
5°	1571.2	1559.1	1552.4	1535.0	1513.5	1497.4	1484.0	1467.9	1461.2	1455.8	1454.5
7.5°	1520.2	1509.5	1497.4	1479.9	1453.1	1426.3	1406.2	1390.0	1376.6	1369.9	1369.9
10°	1470.6	1457.1	1441.0	1411.5	1386.0	1352.5	1331.0	1314.9	1296.1	1285.4	1276.0
12.5°	1419.6	1404.8	1390.0	1352.5	1323.0	1288.1	1257.2	1237.1	1227.7	1215.6	1199.5
15°	1368.6	1345.8	1331.0	1293.4	1255.9	1221.0	1200.9	1179.4	1157.9	1145.9	1140.5
17.5°	1314.9	1298.8	1274.7	1234.4	1192.8	1162.0	1132.4	1112.3	1086.8	1074.7	1062.7
20°	1266.6	1242.5	1218.3	1178.1	1137.8	1096.2	1066.7	1042.5	1026.4	1017.0	1006.3
22.5°	1208.9	1186.1	1166.0	1123.0	1078.8	1039.9	1007.7	992.9	976.8	962.0	951.3
25°	1159.3	1136.5	1116.3	1069.4	1021.1	984.8	960.7	941.9	924.5	917.8	907.0
27.5°	1106.9	1085.5	1058.6	1011.7	968.7	937.9	912.4	894.9	881.5	868.1	860.1
30°	1057.3	1033.1	1009.0	958.0	923.1	892.3	868.1	846.6	835.9	829.2	815.8
32.5°	1009.0	978.1	958.0	911.0	877.5	848.0	827.9	809.1	795.7	783.6	772.8
35°	956.7	923.1	903.0	864.1	829.2	799.7	782.2	768.8	752.7	742.0	736.6
37.5°	907.0	878.8	858.7	818.5	783.6	759.4	740.6	723.2	716.5	701.7	699.1
40°	853.4	829.2	810.4	771.5	739.3	720.5	700.4	684.3	672.2	665.5	656.1
42.5°	805.0	784.9	764.8	728.6	697.7	674.9	660.1	645.4	634.6	623.9	617.2
45°	760.8	739.3	720.5	685.6	654.8	634.6	619.9	602.4	599.8	585.0	578.3
47.5°	713.8	695.0	678.9	642.7	614.5	594.4	577.0	564.9	552.8	547.4	538.0
50°	668.2	649.4	630.6	598.4	572.9	552.8	535.4	521.9	515.2	507.2	499.1
52.5°	618.5	603.8	589.0	555.5	530.0	512.5	497.8	480.3	473.6	466.9	461.6
55°	577.0	555.5	539.4	511.2	488.4	469.6	453.5	440.1	433.4	428.0	421.3
57.5°	520.6	507.2	493.8	468.3	446.8	428.0	411.9	401.2	393.1	389.1	390.4
60°	472.3	457.5	449.5	422.7	401.2	386.4	371.7	360.9	352.9	348.9	347.5
62.5°	421.3	410.6	395.8	377.0	355.6	342.1	331.4	323.4	309.9	308.6	304.6
65°	371.7	363.6	350.2	332.8	315.3	303.2	291.2	280.4	275.1	268.3	264.3
67.5°	323.4	315.3	303.2	288.5	276.4	264.3	253.6	242.9	233.5	228.1	225.4
70°	276.4	269.7	261.6	244.2	229.4	220.0	212.0	205.3	195.9	193.2	191.9
72.5°	230.8	224.1	220.0	205.3	191.9	183.8	175.8	169.1	165.0	163.7	159.7
75°	189.2	182.5	177.1	163.7	155.6	150.3	142.2	139.5	135.5	134.2	132.8
77.5°	147.6	140.9	139.5	130.1	120.8	118.1	115.4	110.0	110.0	110.0	107.3
80°	106.0	104.7	103.3	93.9	89.9	87.2	85.9	81.8	79.2	76.5	75.1
82.5°	71.1	69.8	68.4	64.4	60.4	59.0	57.7	55.0	55.0	56.4	53.7
85°	42.9	40.3	38.9	37.6	34.9	34.9	36.2	34.9	34.9	34.9	33.5
87.5°	16.1	16.1	16.1	16.1	17.4	14.8	16.1	16.1	14.8	14.8	13.4
90°	9.5	10.5	11.4	13.2	15.0	16.8	18.6	19.9	21.2	22.5	23.8
92.5°	12.8	11.6	12.4	13.9	15.5	17.0	18.6	19.9	21.2	22.5	23.8
95°	63.1	62.7	57.8	48.0	38.2	28.4	18.6	19.9	21.2	22.5	23.8
97.5°	130.4	131.2	118.9	94.4	69.9	45.4	20.9	21.4	21.9	22.4	22.9
100°	197.0	197.4	197.9	199.0	200.0	201.1	202.1	163.6	125.2	86.7	48.2
102.5°	268.9	269.4	269.7	270.2	270.7	271.3	271.8	272.3	272.8	273.3	273.8
105°	345.6	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1
107.5°	420.4	420.4	420.7	421.2	421.7	422.3	422.8	423.0	423.3	423.5	423.8
110°	497.1	497.1	497.4	497.9	498.4	498.9	499.4	498.6	497.8	497.1	496.3

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CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	572.2	572.6	572.7	573.0	573.2	573.5	573.7	572.7	571.7	570.6	569.6
115°	646.3	646.9	647.0	647.3	647.6	647.8	648.1	647.1	646.0	645.0	643.9
117.5°	716.6	716.6	717.1	718.1	719.2	720.2	721.2	719.7	718.1	716.6	715.1
120°	785.2	785.1	785.5	786.3	787.0	787.8	788.6	788.1	787.6	787.1	786.6
122.5°	853.0	853.6	853.7	854.0	854.3	854.5	854.8	854.3	853.8	853.3	852.8
125°	918.9	919.8	919.8	919.8	919.8	919.8	919.8	918.8	917.8	916.7	915.7
127.5°	978.5	979.1	979.0	978.7	978.4	978.2	977.9	977.4	976.9	976.4	975.9
130°	1034.2	1034.8	1034.9	1035.2	1035.5	1035.7	1036.0	1035.2	1034.4	1033.7	1032.9
132.5°	1090.9	1091.7	1091.3	1090.5	1089.8	1089.0	1088.2	1088.2	1088.2	1088.2	1088.2
135°	1143.2	1144.0	1143.7	1143.2	1142.7	1142.2	1141.7	1141.2	1140.6	1140.1	1139.6
137.5°	1192.0	1192.8	1192.5	1192.0	1191.5	1190.9	1190.4	1190.4	1190.4	1190.4	1190.4
140°	1235.4	1235.7	1235.6	1235.3	1235.1	1234.8	1234.6	1235.1	1235.6	1236.1	1236.6
142.5°	1277.4	1277.5	1277.8	1278.3	1278.8	1279.4	1279.9	1279.9	1279.9	1279.9	1279.9
145°	1320.2	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.8	1321.0	1321.3	1321.6
147.5°	1355.4	1355.4	1355.5	1355.8	1356.0	1356.3	1356.5	1356.8	1357.0	1357.3	1357.6
150°	1388.2	1387.9	1388.2	1388.7	1389.2	1389.7	1390.2	1390.7	1391.2	1391.7	1392.2
152.5°	1418.7	1418.1	1418.4	1418.9	1419.4	1419.9	1420.4	1420.9	1421.4	1421.9	1422.4
155°	1445.6	1444.8	1445.1	1445.6	1446.1	1446.6	1447.1	1447.9	1448.7	1449.4	1450.2
157.5°	1470.7	1470.3	1470.3	1470.3	1470.3	1470.3	1470.3	1471.1	1471.9	1472.6	1473.4
160°	1490.9	1490.1	1490.2	1490.5	1490.7	1491.0	1491.2	1492.2	1493.3	1494.3	1495.4
162.5°	1509.5	1508.7	1508.8	1509.1	1509.3	1509.6	1509.8	1511.4	1512.9	1514.5	1516.0
165°	1525.7	1524.9	1525.0	1525.3	1525.6	1525.8	1526.1	1527.7	1529.2	1530.8	1532.3
167.5°	1538.5	1537.7	1537.8	1538.1	1538.4	1538.6	1538.9	1540.7	1542.5	1544.3	1546.1
170°	1547.9	1547.0	1547.1	1547.4	1547.7	1547.9	1548.2	1550.2	1552.3	1554.3	1556.4
172.5°	1554.9	1554.0	1554.3	1554.8	1555.3	1555.8	1556.3	1558.1	1559.9	1561.7	1563.5
175°	1560.6	1559.8	1559.9	1560.2	1560.4	1560.7	1560.9	1563.0	1565.0	1567.1	1569.2
177.5°	1564.0	1563.2	1563.3	1563.6	1563.9	1564.1	1564.4	1566.2	1568.0	1569.8	1571.6
180°	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7

TEST NUMBER: P1027065

CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2
2.5°	1547.0	1549.7	1543.0	1540.3	1535.0	1541.7	1543.0	1541.7	1553.7	1548.4	1551.1
5°	1457.1	1451.8	1447.7	1438.4	1438.4	1439.7	1443.7	1437.0	1441.0	1450.4	1449.1
7.5°	1357.8	1355.2	1356.5	1345.8	1337.7	1340.4	1337.7	1349.8	1356.5	1353.8	1359.2
10°	1268.0	1273.3	1261.2	1255.9	1250.5	1255.9	1254.5	1257.2	1265.3	1270.6	1280.0
12.5°	1195.5	1194.2	1187.4	1182.1	1172.7	1175.4	1183.4	1180.7	1182.1	1194.2	1192.8
15°	1127.1	1119.0	1113.7	1101.6	1104.3	1094.9	1102.9	1112.3	1116.3	1127.1	1133.8
17.5°	1058.6	1057.3	1050.6	1049.2	1034.5	1030.5	1038.5	1041.2	1045.2	1050.6	1060.0
20°	1000.9	999.6	990.2	987.5	975.5	983.5	980.8	986.2	988.9	999.6	1003.6
22.5°	948.6	941.9	939.2	935.2	931.2	929.8	935.2	933.9	943.2	947.3	948.6
25°	900.3	894.9	893.6	886.9	884.2	880.2	884.2	888.2	899.0	903.0	908.4
27.5°	856.0	852.0	849.3	844.0	839.9	839.9	842.6	848.0	852.0	854.7	857.4
30°	815.8	813.1	805.0	802.4	798.3	798.3	798.3	801.0	807.7	815.8	819.8
32.5°	774.2	768.8	763.5	763.5	759.4	759.4	760.8	763.5	770.2	771.5	778.2
35°	733.9	728.6	724.5	721.9	723.2	717.8	720.5	724.5	732.6	735.3	739.3
37.5°	695.0	693.7	685.6	681.6	684.3	684.3	682.9	685.6	691.0	696.4	699.1
40°	652.1	649.4	649.4	645.4	646.7	641.4	645.4	648.1	650.7	656.1	660.1
42.5°	614.5	611.8	606.5	607.8	603.8	603.8	606.5	607.8	611.8	618.5	621.2
45°	574.3	574.3	571.6	567.6	568.9	564.9	567.6	568.9	574.3	581.0	578.3
47.5°	535.4	534.0	534.0	528.6	531.3	527.3	531.3	532.7	535.4	539.4	538.0
50°	497.8	493.8	495.1	493.8	492.4	492.4	495.1	495.1	497.8	497.8	501.8
52.5°	458.9	458.9	456.2	457.5	460.2	457.5	461.6	457.5	460.2	461.6	464.2
55°	424.0	421.3	422.7	421.3	426.7	422.7	426.7	424.0	426.7	425.3	428.0
57.5°	386.4	382.4	383.7	382.4	386.4	385.1	389.1	385.1	386.4	387.8	391.8
60°	343.5	343.5	343.5	340.8	344.8	344.8	343.5	343.5	348.9	351.5	350.2
62.5°	303.2	301.9	297.9	296.5	297.9	295.2	300.6	299.2	301.9	304.6	307.3
65°	259.0	256.3	254.9	252.2	252.2	250.9	252.2	257.6	259.0	260.3	267.0
67.5°	222.7	221.4	220.0	216.0	216.0	218.7	218.7	218.7	226.8	222.7	228.1
70°	190.5	187.8	185.2	183.8	183.8	185.2	186.5	187.8	186.5	191.9	193.2
72.5°	159.7	161.0	158.3	158.3	158.3	157.0	157.0	159.7	161.0	159.7	161.0
75°	132.8	132.8	131.5	132.8	132.8	131.5	131.5	134.2	134.2	132.8	136.9
77.5°	107.3	106.0	103.3	100.6	102.0	100.6	102.0	100.6	104.7	108.7	106.0
80°	75.1	73.8	73.8	73.8	75.1	73.8	76.5	73.8	75.1	75.1	76.5
82.5°	53.7	55.0	55.0	53.7	55.0	53.7	55.0	55.0	55.0	53.7	55.0
85°	34.9	34.9	34.9	34.9	33.5	34.9	34.9	34.9	36.2	34.9	36.2
87.5°	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	16.1	14.8	16.1
90°	24.4	24.8	25.6	26.3	27.1	27.9	27.1	26.3	25.6	24.8	24.4
92.5°	24.4	24.5	24.8	25.1	25.3	25.6	25.3	25.1	24.8	24.5	24.4
95°	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
97.5°	23.2	23.3	23.6	23.9	24.1	24.4	24.1	23.9	23.6	23.3	23.2
100°	29.0	28.5	27.5	26.4	25.4	24.4	25.4	26.4	27.5	28.5	29.0
102.5°	274.1	263.3	241.6	219.9	198.2	176.5	198.2	219.9	241.6	263.3	274.1
105°	346.1	346.0	345.7	345.4	345.2	344.9	345.2	345.4	345.7	346.0	346.1
107.5°	423.9	423.4	422.4	421.3	420.3	419.3	420.3	421.3	422.4	423.4	423.9
110°	495.9	496.0	496.3	496.6	496.8	497.1	496.8	496.6	496.3	496.0	495.9

TEST NUMBER: P1027065

CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	569.1	568.8	568.3	567.8	567.3	566.8	567.3	567.8	568.3	568.8	569.1
115°	643.4	642.6	641.1	639.5	638.0	636.4	638.0	639.5	641.1	642.6	643.4
117.5°	714.3	714.0	713.5	713.0	712.4	711.9	712.4	713.0	713.5	714.0	714.3
120°	786.3	785.7	784.4	783.1	781.8	780.5	781.8	783.1	784.4	785.7	786.3
122.5°	852.5	851.7	850.2	848.6	847.1	845.5	847.1	848.6	850.2	851.7	852.5
125°	915.2	914.8	914.0	913.3	912.5	911.7	912.5	913.3	914.0	914.8	915.2
127.5°	975.6	974.6	972.5	970.4	968.4	966.3	968.4	970.4	972.5	974.6	975.6
130°	1032.5	1031.9	1030.6	1029.3	1028.0	1026.7	1028.0	1029.3	1030.6	1031.9	1032.5
132.5°	1088.2	1087.6	1086.3	1085.0	1083.7	1082.4	1083.7	1085.0	1086.3	1087.6	1088.2
135°	1139.3	1138.5	1137.0	1135.5	1133.9	1132.4	1133.9	1135.5	1137.0	1138.5	1139.3
137.5°	1190.4	1189.8	1188.5	1187.2	1185.9	1184.6	1185.9	1187.2	1188.5	1189.8	1190.4
140°	1236.9	1236.1	1234.6	1233.0	1231.5	1229.9	1231.5	1233.0	1234.6	1236.1	1236.9
142.5°	1279.9	1279.1	1277.6	1276.0	1274.5	1272.9	1274.5	1276.0	1277.6	1279.1	1279.9
145°	1321.7	1320.9	1319.4	1317.8	1316.3	1314.7	1316.3	1317.8	1319.4	1320.9	1321.7
147.5°	1357.7	1356.8	1355.0	1353.2	1351.4	1349.6	1351.4	1353.2	1355.0	1356.8	1357.7
150°	1392.5	1391.5	1389.4	1387.3	1385.3	1383.2	1385.3	1387.3	1389.4	1391.5	1392.5
152.5°	1422.7	1421.8	1420.0	1418.2	1416.4	1414.6	1416.4	1418.2	1420.0	1421.8	1422.7
155°	1450.6	1449.6	1447.5	1445.4	1443.4	1441.3	1443.4	1445.4	1447.5	1449.6	1450.6
157.5°	1473.8	1472.8	1470.7	1468.6	1466.6	1464.5	1466.6	1468.6	1470.7	1472.8	1473.8
160°	1495.9	1494.9	1492.8	1490.7	1488.7	1486.6	1488.7	1490.7	1492.8	1494.9	1495.9
162.5°	1516.8	1515.6	1513.3	1511.0	1508.6	1506.3	1508.6	1511.0	1513.3	1515.6	1516.8
165°	1533.1	1532.1	1530.0	1527.9	1525.9	1523.8	1525.9	1527.9	1530.0	1532.1	1533.1
167.5°	1547.0	1545.8	1543.5	1541.2	1538.8	1536.5	1538.8	1541.2	1543.5	1545.8	1547.0
170°	1557.4	1556.2	1553.9	1551.6	1549.3	1547.0	1549.3	1551.6	1553.9	1556.2	1557.4
172.5°	1564.4	1563.2	1560.9	1558.6	1556.3	1554.0	1556.3	1558.6	1560.9	1563.2	1564.4
175°	1570.2	1569.0	1566.7	1564.4	1562.1	1559.8	1562.1	1564.4	1566.7	1569.0	1570.2
177.5°	1572.5	1571.5	1569.4	1567.3	1565.3	1563.2	1565.3	1567.3	1569.4	1571.5	1572.5
180°	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7

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CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2	1634.2
2.5°	1545.7	1552.4	1547.0	1543.0	1553.7	1559.1	1559.1	1568.5	1577.9	1585.9	1587.3
5°	1450.4	1461.2	1463.8	1462.5	1478.6	1486.7	1504.1	1513.5	1526.9	1536.3	1547.0
7.5°	1363.2	1378.0	1379.3	1382.0	1406.2	1419.6	1434.3	1458.5	1477.3	1490.7	1502.8
10°	1276.0	1285.4	1294.8	1306.9	1331.0	1353.8	1375.3	1400.8	1424.9	1438.4	1455.8
12.5°	1210.3	1217.0	1227.7	1235.7	1261.2	1281.4	1309.5	1344.4	1379.3	1390.0	1411.5
15°	1141.8	1145.9	1167.3	1175.4	1196.8	1230.4	1247.8	1281.4	1318.9	1339.1	1363.2
17.5°	1062.7	1086.8	1100.2	1109.6	1136.5	1163.3	1191.5	1226.4	1274.7	1293.4	1310.9
20°	1006.3	1023.8	1038.5	1050.6	1074.7	1115.0	1140.5	1168.7	1214.3	1235.7	1261.2
22.5°	956.7	971.4	984.8	998.3	1014.4	1050.6	1080.1	1119.0	1164.6	1184.8	1214.3
25°	909.7	924.5	932.5	948.6	970.1	995.6	1030.5	1065.3	1111.0	1133.8	1162.0
27.5°	864.1	878.8	893.6	907.0	921.8	945.9	970.1	1014.4	1061.3	1088.2	1112.3
30°	825.2	831.9	845.3	860.1	874.8	897.6	925.8	956.7	1010.3	1034.5	1064.0
32.5°	782.2	794.3	803.7	814.4	833.2	852.0	877.5	916.4	959.3	982.2	1014.4
35°	742.0	752.7	759.4	778.2	790.3	810.4	835.9	870.8	907.0	932.5	960.7
37.5°	703.1	713.8	721.9	732.6	748.7	766.1	793.0	818.5	861.4	882.9	915.1
40°	662.8	672.2	681.6	693.7	708.4	729.9	746.0	778.2	813.1	837.3	861.4
42.5°	623.9	629.3	640.0	653.4	668.2	687.0	709.8	735.3	770.2	791.6	813.1
45°	582.3	591.7	603.8	613.2	626.6	645.4	665.5	688.3	723.2	744.7	767.5
47.5°	543.4	550.1	558.2	572.9	590.4	603.8	625.3	646.7	678.9	699.1	720.5
50°	503.2	509.9	521.9	531.3	544.7	562.2	582.3	605.1	636.0	649.4	670.9
52.5°	465.6	468.3	480.3	489.7	503.2	523.3	539.4	559.5	589.0	603.8	625.3
55°	428.0	430.7	437.4	446.8	461.6	477.7	495.1	517.9	543.4	556.8	577.0
57.5°	389.1	391.8	398.5	405.2	420.0	434.7	454.9	473.6	499.1	511.2	530.0
60°	350.2	350.2	356.9	366.3	377.0	390.4	407.9	430.7	449.5	464.2	477.7
62.5°	308.6	312.6	316.7	323.4	335.4	351.5	366.3	382.4	405.2	415.9	428.0
65°	267.0	271.0	279.1	285.8	295.2	305.9	324.7	338.1	355.6	367.6	378.4
67.5°	230.8	234.8	240.2	248.2	254.9	267.0	280.4	293.8	312.6	320.7	328.7
70°	193.2	197.2	201.3	212.0	218.7	228.1	237.5	250.9	267.0	272.4	279.1
72.5°	163.7	165.0	170.4	173.1	182.5	190.5	201.3	209.3	221.4	228.1	233.5
75°	138.2	138.2	139.5	142.2	147.6	153.0	161.0	169.1	179.8	183.8	190.5
77.5°	108.7	112.7	111.4	114.0	116.7	119.4	126.1	131.5	142.2	144.9	147.6
80°	77.8	79.2	83.2	87.2	87.2	91.2	95.3	96.6	103.3	107.3	107.3
82.5°	56.4	57.7	56.4	57.7	59.0	60.4	64.4	69.8	69.8	71.1	73.8
85°	34.9	34.9	36.2	37.6	37.6	36.2	38.9	37.6	38.9	41.6	41.6
87.5°	17.4	16.1	16.1	16.1	16.1	16.1	17.4	16.1	17.4	17.4	17.4
90°	23.8	22.5	21.2	19.9	18.6	16.8	15.0	13.2	11.4	10.5	9.5
92.5°	23.8	22.5	21.2	19.9	18.6	17.0	15.5	13.9	12.4	11.6	12.8
95°	23.8	22.5	21.2	19.9	18.6	28.4	38.2	48.0	57.8	62.7	63.1
97.5°	22.9	22.4	21.9	21.4	20.9	45.4	69.9	94.4	118.9	131.2	130.4
100°	48.2	86.7	125.2	163.6	202.1	201.1	200.0	199.0	197.9	197.4	197.0
102.5°	273.8	273.3	272.8	272.3	271.8	271.3	270.7	270.2	269.7	269.4	268.9
105°	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1	346.1	345.6
107.5°	423.8	423.5	423.3	423.0	422.8	422.3	421.7	421.2	420.7	420.4	420.4
110°	496.3	497.1	497.8	498.6	499.4	498.9	498.4	497.9	497.4	497.1	497.1

TEST NUMBER: P1027065

CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	569.6	570.6	571.7	572.7	573.7	573.5	573.2	573.0	572.7	572.6	572.2
115°	643.9	645.0	646.0	647.1	648.1	647.8	647.6	647.3	647.0	646.9	646.3
117.5°	715.1	716.6	718.1	719.7	721.2	720.2	719.2	718.1	717.1	716.6	716.6
120°	786.6	787.1	787.6	788.1	788.6	787.8	787.0	786.3	785.5	785.1	785.2
122.5°	852.8	853.3	853.8	854.3	854.8	854.5	854.3	854.0	853.7	853.6	853.0
125°	915.7	916.7	917.8	918.8	919.8	919.8	919.8	919.8	919.8	919.8	918.9
127.5°	975.9	976.4	976.9	977.4	977.9	978.2	978.4	978.7	979.0	979.1	978.5
130°	1032.9	1033.7	1034.4	1035.2	1036.0	1035.7	1035.5	1035.2	1034.9	1034.8	1034.2
132.5°	1088.2	1088.2	1088.2	1088.2	1088.2	1089.0	1089.8	1090.5	1091.3	1091.7	1090.9
135°	1139.6	1140.1	1140.6	1141.2	1141.7	1142.2	1142.7	1143.2	1143.7	1144.0	1143.2
137.5°	1190.4	1190.4	1190.4	1190.4	1190.4	1190.9	1191.5	1192.0	1192.5	1192.8	1192.0
140°	1236.6	1236.1	1235.6	1235.1	1234.6	1234.8	1235.1	1235.3	1235.6	1235.7	1235.4
142.5°	1279.9	1279.9	1279.9	1279.9	1279.9	1279.4	1278.8	1278.3	1277.8	1277.5	1277.4
145°	1321.6	1321.3	1321.0	1320.8	1320.5	1320.5	1320.5	1320.5	1320.5	1320.5	1320.2
147.5°	1357.6	1357.3	1357.0	1356.8	1356.5	1356.3	1356.0	1355.8	1355.5	1355.4	1355.4
150°	1392.2	1391.7	1391.2	1390.7	1390.2	1389.7	1389.2	1388.7	1388.2	1387.9	1388.2
152.5°	1422.4	1421.9	1421.4	1420.9	1420.4	1419.9	1419.4	1418.9	1418.4	1418.1	1418.7
155°	1450.2	1449.4	1448.7	1447.9	1447.1	1446.6	1446.1	1445.6	1445.1	1444.8	1445.6
157.5°	1473.4	1472.6	1471.9	1471.1	1470.3	1470.3	1470.3	1470.3	1470.3	1470.3	1470.7
160°	1495.4	1494.3	1493.3	1492.2	1491.2	1491.0	1490.7	1490.5	1490.2	1490.1	1490.9
162.5°	1516.0	1514.5	1512.9	1511.4	1509.8	1509.6	1509.3	1509.1	1508.8	1508.7	1509.5
165°	1532.3	1530.8	1529.2	1527.7	1526.1	1525.8	1525.6	1525.3	1525.0	1524.9	1525.7
167.5°	1546.1	1544.3	1542.5	1540.7	1538.9	1538.6	1538.4	1538.1	1537.8	1537.7	1538.5
170°	1556.4	1554.3	1552.3	1550.2	1548.2	1547.9	1547.7	1547.4	1547.1	1547.0	1547.9
172.5°	1563.5	1561.7	1559.9	1558.1	1556.3	1555.8	1555.3	1554.8	1554.3	1554.0	1554.9
175°	1569.2	1567.1	1565.0	1563.0	1560.9	1560.7	1560.4	1560.2	1559.9	1559.8	1560.6
177.5°	1571.6	1569.8	1568.0	1566.2	1564.4	1564.1	1563.9	1563.6	1563.3	1563.2	1564.0
180°	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7	1566.7

TEST NUMBER: P1027065

CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1634.2	1634.2	1634.2	1634.2
2.5°	1596.7	1608.8	1620.8	1635.6
5°	1564.5	1585.9	1608.8	1630.2
7.5°	1529.6	1560.5	1590.0	1620.8
10°	1490.7	1529.6	1563.1	1606.1
12.5°	1447.7	1489.3	1536.3	1584.6
15°	1404.8	1457.1	1506.8	1561.8
17.5°	1364.6	1414.2	1469.2	1535.0
20°	1316.3	1371.3	1433.0	1502.8
22.5°	1265.3	1325.6	1392.7	1467.9
25°	1222.3	1284.1	1348.5	1427.6
27.5°	1175.4	1239.8	1302.8	1387.4
30°	1121.7	1191.5	1255.9	1343.1
32.5°	1070.7	1140.5	1211.6	1293.4
35°	1021.1	1089.5	1160.6	1243.8
37.5°	974.1	1035.8	1105.6	1180.7
40°	929.8	986.2	1047.9	1116.3
42.5°	873.5	939.2	996.9	1046.6
45°	825.2	878.8	932.5	972.8
47.5°	768.8	822.5	868.1	900.3
50°	721.9	764.8	802.4	830.5
52.5°	665.5	705.8	736.6	758.1
55°	610.5	645.4	672.2	687.0
57.5°	560.9	583.7	603.8	617.2
60°	505.8	523.3	540.7	555.5
62.5°	446.8	465.6	475.0	491.1
65°	394.5	406.5	421.3	426.7
67.5°	343.5	350.2	359.6	370.3
70°	289.8	293.8	303.2	318.0
72.5°	242.9	246.9	253.6	259.0
75°	193.2	197.2	202.6	208.0
77.5°	151.6	153.0	155.6	161.0
80°	110.0	114.0	116.7	118.1
82.5°	76.5	77.8	77.8	79.2
85°	48.3	45.6	45.6	47.0
87.5°	17.4	20.1	20.1	22.8
90°	7.4	5.3	3.3	1.2
92.5°	15.1	17.4	19.8	22.1
95°	63.9	64.6	65.4	66.2
97.5°	128.9	127.4	125.8	124.3
100°	196.3	195.5	194.8	194.0
102.5°	267.9	266.8	265.8	264.8
105°	344.6	343.5	342.5	341.5
107.5°	420.4	420.4	420.4	420.4
110°	497.1	497.1	497.1	497.1

TEST NUMBER: P1027065

CATALOG NUMBER: S125RDIP-B1090D1270UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	571.4	570.7	569.9	569.1
115°	645.0	643.7	642.4	641.1
117.5°	716.6	716.6	716.6	716.6
120°	785.5	785.8	786.0	786.3
122.5°	851.7	850.4	849.1	847.8
125°	917.1	915.3	913.5	911.7
127.5°	977.2	975.9	974.6	973.3
130°	1032.9	1031.6	1030.3	1029.0
132.5°	1089.4	1087.9	1086.3	1084.8
135°	1141.7	1140.1	1138.6	1137.0
137.5°	1190.5	1188.9	1187.4	1185.8
140°	1234.9	1234.4	1233.9	1233.4
142.5°	1277.1	1276.9	1276.6	1276.4
145°	1319.7	1319.2	1318.7	1318.2
147.5°	1355.4	1355.4	1355.4	1355.4
150°	1388.7	1389.2	1389.7	1390.2
152.5°	1420.0	1421.3	1422.6	1423.9
155°	1447.1	1448.7	1450.2	1451.8
157.5°	1471.5	1472.2	1473.0	1473.8
160°	1492.4	1493.9	1495.5	1497.0
162.5°	1511.0	1512.5	1514.1	1515.6
165°	1527.2	1528.8	1530.3	1531.9
167.5°	1540.0	1541.6	1543.1	1544.7
170°	1549.7	1551.5	1553.3	1555.1
172.5°	1556.7	1558.5	1560.3	1562.1
175°	1562.1	1563.6	1565.2	1566.7
177.5°	1565.5	1567.1	1568.6	1570.2
180°	1566.7	1566.7	1566.7	1566.7

(END OF REPORT)