

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: P1028445

Luminaire Tested: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1028445
REPORT IS A COMBINATION OF REPORTS P1004960 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A1
Description: Define 5 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

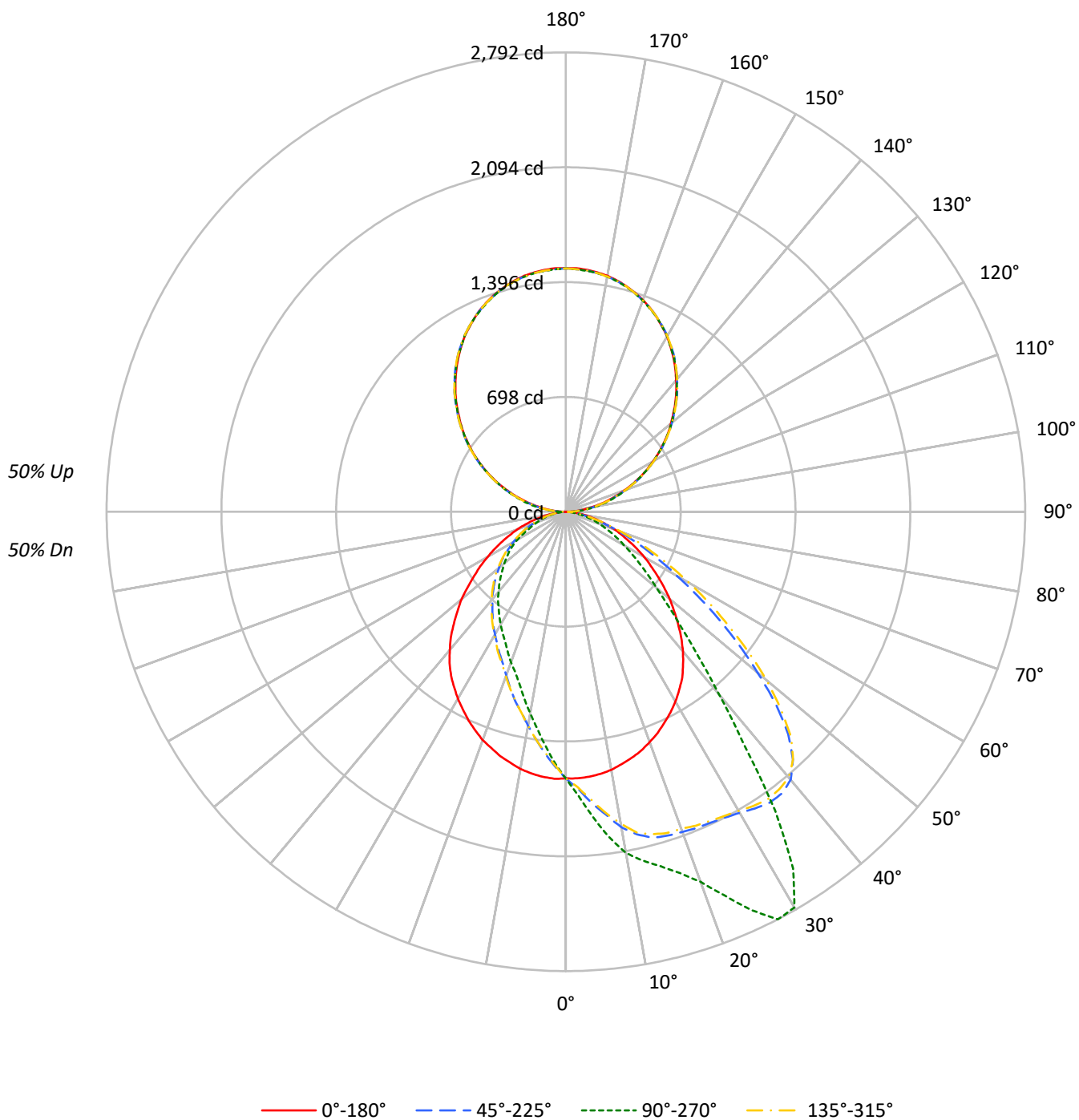
Lumens per Lamp: N/A
Luminaire Lumens: 8329.0 lumens
Efficiency: N/A
Efficacy: 101.8 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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

TEST NUMBER: P1028445

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A1

Luminous Intensity Polar Plot



TEST NUMBER: P1028445

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A1

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	107	107	107	107	99	99	99	99	84	84	84	69	69	69	57	57	57	57	57	57
1	98	94	90	87	91	87	84	81	74	72	70	62	60	59	51	50	49	49	49	43
2	90	83	77	72	83	77	72	67	65	61	58	55	52	50	45	43	42	42	42	37
3	82	73	66	60	76	68	62	57	58	53	49	49	45	42	40	38	36	36	36	32
4	75	65	57	51	69	60	53	48	52	46	42	44	40	37	36	33	31	31	31	28
5	69	58	50	44	64	54	47	42	46	41	37	39	35	32	33	30	27	27	27	24
6	64	52	44	38	59	48	41	36	42	36	32	36	31	28	30	27	24	24	24	21
7	59	47	39	34	54	44	37	32	38	32	28	32	28	25	27	24	21	21	21	19
8	55	43	35	30	51	40	33	28	35	29	25	30	25	22	25	22	19	19	19	17
9	51	39	32	27	47	37	30	25	32	26	23	27	23	20	23	20	17	17	17	15
10	48	36	29	24	44	34	27	23	29	24	20	25	21	18	21	18	16	16	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10382	10382	10382	10382
5°	10373	11701	10373	8994
10°	10315	13149	10280	7775
15°	10203	13911	10133	6769
20°	10068	15017	9978	6118
25°	9891	16997	9780	5553
30°	9712	18067	9566	5149
35°	9480	14858	9347	4771
40°	9067	10090	8991	4433
45°	8526	7253	8515	4099
50°	7971	5578	8010	3791
55°	7346	4536	7332	3494
60°	6765	3717	6732	3102
65°	6087	3097	6125	2497
70°	5527	2486	5504	2079
75°	4669	1884	4669	1709
80°	3784	1149	3739	1149
85°	2664	604	2584	683

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 14778 cd/sqm

TEST NUMBER: P1028445

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.4	1.9
10°-20°	455.5	5.5
20°-30°	722.3	8.7
30°-40°	872.8	10.5
40°-50°	777.1	9.3
50°-60°	595.9	7.2
60°-70°	387.0	4.6
70°-80°	187.8	2.3
80°-90°	46.5	0.6
90°-100°	98.4	1.2
100°-110°	292.2	3.5
110°-120°	495.6	6.0
120°-130°	652.5	7.8
130°-140°	731.2	8.8
140°-150°	716.7	8.6
150°-160°	602.0	7.2
160°-170°	400.2	4.8
170°-180°	140.0	1.7
0°-30°	1333.2	16.0
0°-40°	2206.0	26.5
0°-60°	3579.0	43.0
0°-90°	4200.3	50.4
90°-120°	886.2	10.6
90°-150°	2986.5	35.9
90°-180°	4129.0	49.6
0°-180°	8329.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1620	1620	1620	1620	1620	
5°	1616	1857	1616	1428	1616	154
15°	1548	2231	1538	1086	1548	437
25°	1416	2671	1400	873	1416	652
35°	1233	2216	1216	712	1233	768
45°	964	991	963	560	964	744
55°	681	544	680	419	681	610
65°	423	309	426	249	423	423
75°	206	144	206	130	206	221
85°	47	31	45	35	47	53
90°	1	28	1	28	1	8
95°	75	99	75	99	75	78
105°	262	286	262	286	262	280
115°	496	501	496	501	496	491
125°	724	729	724	729	724	649
135°	942	945	942	945	942	726
145°	1141	1146	1141	1146	1141	713
155°	1306	1306	1306	1306	1306	601
165°	1420	1416	1420	1416	1420	401
175°	1476	1470	1476	1470	1476	140
180°	1479	1479	1479	1479	1479	

TEST NUMBER: P1028445

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4
2.5°	1621.7	1635.0	1639.0	1649.6	1661.6	1664.3	1670.9	1680.2	1685.5	1684.2	1684.2
5°	1616.4	1639.0	1654.9	1673.6	1696.2	1705.5	1713.5	1733.4	1749.4	1758.7	1774.7
7.5°	1607.0	1640.3	1666.9	1694.9	1729.4	1745.4	1762.7	1790.6	1819.9	1838.5	1855.8
10°	1592.4	1635.0	1672.2	1713.5	1760.0	1784.0	1805.3	1847.8	1883.8	1907.7	1947.6
12.5°	1571.1	1624.3	1676.2	1730.8	1789.3	1814.6	1843.8	1890.4	1941.0	1975.6	2008.8
15°	1548.5	1612.4	1668.2	1733.4	1803.9	1842.5	1879.8	1929.0	1974.2	2012.8	2051.4
17.5°	1521.9	1589.8	1658.9	1733.4	1813.3	1851.8	1883.8	1942.3	1990.2	2028.8	2063.4
20°	1490.0	1565.8	1644.3	1726.8	1807.9	1843.8	1874.4	1938.3	1980.9	2022.1	2071.3
22.5°	1455.4	1537.9	1621.7	1702.8	1782.7	1821.2	1857.2	1913.0	1959.6	2015.5	2079.3
25°	1415.5	1505.9	1591.1	1672.2	1748.1	1784.0	1815.9	1877.1	1942.3	2012.8	2084.6
27.5°	1375.6	1463.4	1545.9	1620.4	1702.8	1736.1	1768.0	1845.2	1922.3	1996.8	2095.3
30°	1331.7	1420.8	1492.6	1561.8	1641.6	1676.2	1716.1	1803.9	1891.7	1992.8	2112.6
32.5°	1282.4	1363.6	1430.1	1502.0	1573.8	1616.4	1666.9	1762.7	1863.8	1984.9	2137.9
35°	1233.2	1298.4	1359.6	1427.5	1513.9	1559.2	1608.4	1709.5	1835.9	1980.9	2159.1
37.5°	1170.7	1233.2	1281.1	1350.3	1439.4	1492.6	1541.9	1658.9	1802.6	1971.6	2157.8
40°	1106.8	1160.1	1205.3	1277.1	1374.2	1423.5	1476.7	1604.4	1768.0	1945.0	2125.9
42.5°	1037.7	1082.9	1132.1	1201.3	1295.7	1343.6	1404.8	1553.8	1720.1	1907.7	2043.4
45°	964.5	1008.4	1049.6	1121.5	1215.9	1267.8	1334.3	1487.3	1661.6	1829.2	1910.4
47.5°	892.7	931.2	975.1	1037.7	1133.4	1190.7	1258.5	1422.1	1583.1	1724.1	1730.8
50°	823.5	854.1	891.3	955.2	1055.0	1109.5	1180.0	1333.0	1490.0	1587.1	1521.9
52.5°	751.6	779.6	818.2	874.0	967.2	1031.0	1092.2	1245.2	1376.9	1442.1	1322.4
55°	681.1	705.1	745.0	807.5	888.7	937.9	1000.4	1142.8	1258.5	1259.8	1129.5
57.5°	612.0	633.2	666.5	722.4	798.2	855.4	912.6	1036.3	1114.8	1092.2	947.2
60°	550.8	564.1	594.7	649.2	719.7	761.0	822.1	925.9	977.8	936.6	780.9
62.5°	486.9	500.2	524.2	568.1	634.6	678.5	717.1	802.2	838.1	775.6	647.9
65°	423.0	439.0	456.3	490.9	553.4	582.7	617.3	679.8	714.4	641.2	530.8
67.5°	367.2	375.2	392.4	428.4	472.3	498.9	522.8	565.4	572.0	513.5	423.0
70°	315.3	318.0	333.9	355.2	388.5	404.4	424.4	449.7	449.7	401.8	329.9
72.5°	256.8	260.7	272.7	295.3	315.3	323.3	329.9	345.9	343.2	299.3	250.1
75°	206.2	208.9	218.2	228.8	236.8	251.4	256.8	254.1	252.8	215.5	187.6
77.5°	159.6	161.0	167.6	176.9	178.3	183.6	179.6	179.6	167.6	146.3	131.7
80°	117.1	118.4	121.1	123.7	123.7	123.7	123.7	117.1	109.1	95.8	91.8
82.5°	78.5	78.5	79.8	82.5	81.2	78.5	75.8	69.2	63.9	59.9	57.2
85°	46.6	46.6	47.9	46.6	41.2	39.9	37.2	35.9	34.6	33.3	33.3
87.5°	22.6	21.3	18.6	16.0	16.0	16.0	16.0	16.0	16.0	14.6	14.6
90°	1.2	3.2	5.3	7.3	9.4	10.4	11.3	13.1	14.8	16.6	18.4
92.5°	34.5	35.8	37.1	38.4	39.7	40.3	41.5	43.8	46.1	48.4	50.7
95°	74.8	75.3	75.8	76.3	76.8	77.1	78.4	80.9	83.5	86.0	88.6
97.5°	115.1	115.4	115.6	115.9	116.2	116.3	118.1	121.7	125.2	128.8	132.4
100°	161.2	161.2	161.2	161.2	161.2	161.2	162.9	166.2	169.5	172.8	176.1
102.5°	210.7	212.0	213.2	214.5	215.8	216.4	217.0	218.3	219.6	220.9	222.2
105°	262.5	263.8	265.0	266.3	267.6	268.2	269.0	270.5	272.0	273.6	275.1
107.5°	318.9	320.2	321.4	322.7	324.0	324.6	325.2	326.5	327.8	329.1	330.4
110°	377.6	378.9	380.2	381.5	382.8	383.4	383.8	384.5	385.3	386.0	386.8

TEST NUMBER: P1028445

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	437.5	438.0	438.5	439.0	439.5	439.8	440.3	441.3	442.4	443.4	444.4
115°	496.2	497.2	498.2	499.3	500.3	500.8	501.1	501.6	502.1	502.6	503.1
117.5°	556.0	556.3	556.5	556.8	557.1	557.2	557.5	558.0	558.5	559.0	559.5
120°	611.3	612.6	613.9	615.2	616.5	617.1	617.2	617.5	617.7	618.0	618.2
122.5°	671.2	671.4	671.7	671.9	672.2	672.3	672.7	673.5	674.2	675.0	675.8
125°	724.1	725.6	727.2	728.7	730.2	731.0	731.1	731.4	731.7	731.9	732.2
127.5°	782.8	783.6	784.4	785.1	785.9	786.3	786.4	786.7	786.9	787.2	787.4
130°	834.6	835.9	837.2	838.5	839.8	840.4	840.7	841.2	841.7	842.2	842.7
132.5°	886.4	888.7	891.0	893.3	895.6	896.8	896.7	896.4	896.2	895.9	895.7
135°	941.7	943.2	944.8	946.3	947.8	948.6	948.7	949.0	949.3	949.5	949.8
137.5°	993.5	995.0	996.6	998.1	999.6	1000.4	1000.7	1001.2	1001.7	1002.2	1002.7
140°	1043.0	1044.3	1045.6	1046.9	1048.2	1048.8	1049.2	1049.9	1050.7	1051.4	1052.2
142.5°	1092.5	1093.5	1094.5	1095.6	1096.6	1097.1	1097.6	1098.6	1099.7	1100.7	1101.7
145°	1140.9	1141.9	1142.9	1144.0	1145.0	1145.5	1145.9	1146.6	1147.4	1148.1	1148.9
147.5°	1185.8	1186.6	1187.3	1188.1	1188.8	1189.2	1189.5	1190.0	1190.5	1191.0	1191.5
150°	1230.7	1230.4	1230.2	1229.9	1229.6	1229.5	1230.0	1231.0	1232.1	1233.1	1234.1
152.5°	1267.5	1268.0	1268.5	1269.0	1269.5	1269.8	1269.9	1270.2	1270.5	1270.7	1271.0
155°	1305.5	1305.5	1305.5	1305.5	1305.5	1305.5	1305.6	1305.9	1306.1	1306.4	1306.6
157.5°	1340.0	1339.5	1339.0	1338.5	1338.0	1337.7	1337.8	1338.1	1338.4	1338.6	1338.9
160°	1370.0	1369.2	1368.4	1367.7	1366.9	1366.5	1366.6	1366.9	1367.2	1367.4	1367.7
162.5°	1396.4	1395.9	1395.4	1394.9	1394.4	1394.1	1394.1	1394.1	1394.1	1394.1	1394.1
165°	1419.5	1419.0	1418.5	1418.0	1417.5	1417.2	1417.3	1417.6	1417.8	1418.1	1418.3
167.5°	1440.2	1439.2	1438.2	1437.1	1436.1	1435.6	1435.6	1435.6	1435.6	1435.6	1435.6
170°	1456.3	1455.3	1454.3	1453.2	1452.2	1451.7	1451.7	1451.7	1451.7	1451.7	1451.7
172.5°	1467.8	1466.8	1465.8	1464.7	1463.7	1463.2	1463.2	1463.2	1463.2	1463.2	1463.2
175°	1475.9	1474.9	1473.9	1472.8	1471.8	1471.3	1471.3	1471.3	1471.3	1471.3	1471.3
177.5°	1481.6	1480.6	1479.6	1478.5	1477.5	1477.0	1476.9	1476.6	1476.4	1476.1	1475.9
180°	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3

TEST NUMBER: P1028445

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4
2.5°	1690.9	1700.2	1708.2	1704.2	1720.1	1718.8	1721.5	1726.8	1728.1	1725.4	1720.1
5°	1782.7	1796.0	1818.6	1830.5	1827.9	1838.5	1843.8	1851.8	1859.8	1857.2	1857.2
7.5°	1885.1	1903.7	1926.3	1956.9	1960.9	1970.2	1986.2	1986.2	1995.5	1991.5	1990.2
10°	1974.2	1996.8	2032.8	2056.7	2067.3	2072.7	2088.6	2094.0	2104.6	2105.9	2105.9
12.5°	2047.4	2087.3	2111.2	2135.2	2140.5	2148.5	2160.5	2168.5	2172.4	2172.4	2168.5
15°	2086.0	2117.9	2145.8	2171.1	2185.7	2192.4	2204.4	2213.7	2219.0	2231.0	2233.6
17.5°	2101.9	2140.5	2185.7	2221.7	2246.9	2253.6	2277.5	2285.5	2296.2	2301.5	2308.1
20°	2124.6	2180.4	2235.0	2278.9	2302.8	2320.1	2345.4	2382.6	2393.3	2393.3	2389.3
22.5°	2144.5	2216.3	2290.8	2361.4	2381.3	2415.9	2462.5	2502.4	2518.3	2525.0	2519.7
25°	2168.5	2266.9	2364.0	2451.8	2506.4	2531.6	2594.2	2642.1	2660.7	2671.3	2674.0
27.5°	2209.7	2333.4	2457.1	2568.9	2624.8	2654.0	2719.2	2760.5	2783.1	2792.4	2785.7
30°	2256.3	2407.9	2551.6	2651.4	2688.6	2724.5	2767.1	2783.1	2777.7	2777.7	2797.7
32.5°	2304.1	2461.1	2588.8	2654.0	2667.3	2662.0	2644.7	2596.8	2568.9	2568.9	2586.2
35°	2330.8	2466.4	2531.6	2510.3	2458.5	2427.9	2333.4	2280.2	2220.3	2216.3	2236.3
37.5°	2316.1	2374.7	2348.0	2208.4	2137.9	2079.3	1931.7	1873.1	1829.2	1768.0	1862.5
40°	2213.7	2193.7	2055.4	1854.5	1776.0	1693.5	1576.5	1517.9	1456.7	1447.4	1470.0
42.5°	2040.7	1922.3	1720.1	1525.9	1446.1	1387.5	1298.4	1241.2	1202.6	1186.7	1213.3
45°	1825.2	1639.0	1436.8	1282.4	1194.6	1164.0	1082.9	1032.3	1003.1	991.1	1009.7
47.5°	1561.8	1374.2	1182.7	1052.3	1000.4	969.8	915.3	871.4	846.1	838.1	846.1
50°	1326.3	1133.4	972.5	888.7	842.1	816.8	771.6	743.7	723.7	718.4	731.7
52.5°	1122.8	947.2	824.8	750.3	719.7	698.4	666.5	642.6	630.6	625.3	634.6
55°	940.5	798.2	699.8	635.9	613.3	600.0	572.0	558.7	545.4	544.1	553.4
57.5°	779.6	681.1	590.7	545.4	538.8	518.8	494.9	482.9	476.3	474.9	478.9
60°	649.2	561.4	506.9	466.9	457.6	441.7	428.4	420.4	412.4	409.7	412.4
62.5°	540.1	470.9	427.0	400.4	387.1	383.1	368.5	359.2	357.9	357.9	360.5
65°	445.7	387.1	359.2	337.9	328.6	324.6	314.0	307.3	308.6	308.6	310.0
67.5°	363.2	320.6	295.3	284.7	276.7	275.4	264.7	262.1	259.4	259.4	262.1
70°	288.7	262.1	243.5	238.1	236.8	227.5	223.5	222.2	218.2	219.5	219.5
72.5°	226.2	208.9	198.2	190.2	191.6	186.2	180.9	180.9	178.3	182.3	182.3
75°	167.6	159.6	151.7	149.0	151.7	149.0	145.0	143.7	145.0	143.7	143.7
77.5°	123.7	119.7	117.1	115.7	115.7	110.4	107.8	110.4	105.1	107.8	107.8
80°	86.5	81.2	79.8	77.2	78.5	74.5	75.8	73.2	73.2	73.2	73.2
82.5°	54.5	53.2	53.2	53.2	51.9	51.9	51.9	51.9	51.9	51.9	50.6
85°	33.3	31.9	31.9	31.9	30.6	30.6	30.6	30.6	30.6	30.6	30.6
87.5°	13.3	14.6	14.6	16.0	14.6	13.3	13.3	13.3	14.6	14.6	13.3
90°	19.7	21.0	22.3	23.6	24.2	24.6	25.3	26.1	26.8	27.6	26.8
92.5°	52.5	54.3	56.0	57.8	58.7	59.0	59.5	60.0	60.5	61.0	60.5
95°	90.4	92.2	94.0	95.8	96.7	97.0	97.5	98.0	98.5	99.0	98.5
97.5°	133.9	135.5	137.0	138.5	139.3	139.4	139.7	140.0	140.2	140.5	140.2
100°	178.4	180.7	183.0	185.3	186.5	186.8	187.3	187.8	188.3	188.8	188.3
102.5°	224.8	227.3	229.9	232.4	233.7	234.1	234.9	235.6	236.4	237.2	236.4
105°	276.7	278.2	279.8	281.3	282.1	282.5	283.2	284.0	284.7	285.5	284.7
107.5°	331.2	332.0	332.7	333.5	333.9	333.9	333.9	333.9	333.9	333.9	333.9
110°	387.6	388.4	389.1	389.9	390.3	390.2	389.9	389.6	389.4	389.1	389.4

TEST NUMBER: P1028445

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	444.6	444.9	445.1	445.4	445.5	445.2	444.7	444.2	443.7	443.2	443.7
115°	502.8	502.6	502.3	502.0	501.9	501.8	501.5	501.3	501.0	500.8	501.0
117.5°	559.7	560.0	560.2	560.5	560.6	560.1	559.1	558.0	557.0	556.0	557.0
120°	618.2	618.2	618.2	618.2	618.2	617.7	616.7	615.6	614.6	613.6	614.6
122.5°	675.5	675.3	675.0	674.7	674.6	674.2	673.5	672.7	672.0	671.2	672.0
125°	731.7	731.2	730.7	730.2	729.9	729.8	729.5	729.2	729.0	728.7	729.0
127.5°	787.2	786.9	786.7	786.4	786.3	786.0	785.5	785.0	784.5	784.0	784.5
130°	842.5	842.2	842.0	841.7	841.6	841.3	840.8	840.3	839.7	839.2	839.7
132.5°	895.4	895.2	894.9	894.6	894.5	894.1	893.4	892.6	891.9	891.1	891.9
135°	949.8	949.8	949.8	949.8	949.8	949.3	948.3	947.2	946.2	945.2	946.2
137.5°	1003.0	1003.2	1003.5	1003.8	1003.9	1003.3	1002.0	1000.7	999.4	998.1	999.4
140°	1052.7	1053.2	1053.7	1054.2	1054.5	1053.9	1052.6	1051.3	1050.1	1048.8	1050.1
142.5°	1102.0	1102.2	1102.5	1102.8	1102.9	1102.3	1101.0	1099.7	1098.4	1097.1	1098.4
145°	1148.9	1148.9	1148.9	1148.9	1148.9	1148.5	1147.8	1147.0	1146.3	1145.5	1146.3
147.5°	1192.3	1193.1	1193.8	1194.6	1195.0	1194.0	1191.9	1189.9	1187.8	1185.8	1187.8
150°	1234.1	1234.1	1234.1	1234.1	1234.1	1233.8	1233.3	1232.8	1232.3	1231.8	1232.3
152.5°	1271.8	1272.5	1273.3	1274.0	1274.4	1273.9	1272.9	1271.8	1270.8	1269.8	1270.8
155°	1307.6	1308.7	1309.7	1310.8	1311.3	1310.7	1309.4	1308.1	1306.8	1305.5	1306.8
157.5°	1339.9	1340.9	1342.0	1343.0	1343.5	1342.6	1340.8	1339.0	1337.2	1335.4	1337.2
160°	1368.7	1369.7	1370.8	1371.8	1372.3	1371.7	1370.4	1369.1	1367.8	1366.5	1367.8
162.5°	1395.4	1396.7	1398.0	1399.3	1399.9	1399.1	1397.6	1396.1	1394.5	1393.0	1394.5
165°	1419.3	1420.3	1421.4	1422.4	1422.9	1422.1	1420.6	1419.1	1417.5	1416.0	1417.5
167.5°	1437.1	1438.7	1440.2	1441.7	1442.5	1441.7	1440.2	1438.7	1437.1	1435.6	1437.1
170°	1453.2	1454.8	1456.3	1457.8	1458.6	1457.7	1455.9	1454.2	1452.4	1450.6	1452.4
172.5°	1464.7	1466.3	1467.8	1469.3	1470.1	1469.3	1467.8	1466.3	1464.7	1463.2	1464.7
175°	1472.8	1474.4	1475.9	1477.4	1478.2	1477.3	1475.5	1473.7	1471.9	1470.1	1471.9
177.5°	1477.4	1479.0	1480.5	1482.0	1482.8	1481.9	1480.1	1478.3	1476.5	1474.7	1476.5
180°	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3

TEST NUMBER: P1028445

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4
2.5°	1726.8	1717.5	1721.5	1717.5	1713.5	1709.5	1700.2	1686.9	1676.2	1668.2	1666.9
5°	1859.8	1847.8	1839.9	1835.9	1827.9	1817.2	1799.9	1780.0	1756.0	1746.7	1728.1
7.5°	1982.2	1978.2	1959.6	1956.9	1951.6	1931.7	1902.4	1875.8	1845.2	1819.9	1796.0
10°	2097.9	2088.6	2075.3	2056.7	2054.0	2028.8	2000.8	1963.6	1923.7	1899.7	1857.2
12.5°	2169.8	2159.1	2144.5	2132.5	2125.9	2109.9	2071.3	2034.1	1998.2	1954.3	1917.0
15°	2221.7	2208.4	2181.8	2172.4	2164.5	2143.2	2115.2	2076.7	2028.8	1998.2	1945.0
17.5°	2292.2	2276.2	2249.6	2232.3	2217.7	2184.4	2144.5	2092.6	2047.4	2012.8	1964.9
20°	2373.3	2349.4	2314.8	2292.2	2270.9	2232.3	2176.4	2115.2	2050.1	2007.5	1958.3
22.5°	2507.7	2462.5	2407.9	2376.0	2346.7	2280.2	2213.7	2137.9	2064.7	2000.8	1941.0
25°	2638.1	2592.8	2525.0	2481.1	2435.9	2358.7	2270.9	2165.8	2072.7	1998.2	1919.7
27.5°	2759.1	2712.6	2650.0	2596.8	2552.9	2437.2	2321.4	2203.0	2084.6	1982.2	1902.4
30°	2787.1	2767.1	2719.2	2672.7	2632.7	2526.3	2391.9	2241.6	2099.3	1967.6	1878.4
32.5°	2618.1	2667.3	2679.3	2672.7	2647.4	2571.5	2447.8	2289.5	2120.6	1960.9	1838.5
35°	2266.9	2356.0	2447.8	2497.0	2521.0	2531.6	2458.5	2313.5	2135.2	1950.3	1811.9
37.5°	1879.8	1966.2	2111.2	2184.4	2265.6	2372.0	2401.3	2308.1	2128.5	1942.3	1769.4
40°	1544.5	1654.9	1774.7	1841.2	1911.7	2103.3	2248.3	2237.6	2107.3	1913.0	1736.1
42.5°	1257.2	1326.3	1431.4	1504.6	1591.1	1805.3	1999.5	2095.3	2043.4	1877.1	1693.5
45°	1048.3	1101.5	1176.0	1250.5	1303.7	1498.0	1728.1	1885.1	1934.3	1813.3	1628.3
47.5°	883.3	923.3	988.4	1035.0	1092.2	1245.2	1444.7	1665.6	1769.4	1722.8	1559.2
50°	757.0	788.9	840.8	870.0	920.6	1052.3	1204.0	1435.4	1592.4	1597.7	1467.4
52.5°	646.5	678.5	722.4	747.7	778.2	867.4	1020.4	1215.9	1396.9	1463.4	1362.3
55°	562.7	581.4	617.3	637.2	665.2	751.6	848.8	1015.0	1204.0	1313.0	1249.2
57.5°	485.6	505.5	528.1	544.1	564.1	633.2	721.0	846.1	1033.7	1152.1	1130.8
60°	423.0	435.0	456.3	468.3	486.9	532.1	593.3	718.4	867.4	979.1	991.1
62.5°	364.5	375.2	389.8	400.4	412.4	448.3	493.6	582.7	713.1	834.1	850.1
65°	314.0	323.3	331.3	340.6	349.9	372.5	411.1	480.3	581.4	694.4	729.0
67.5°	268.7	271.4	283.4	284.7	290.0	307.3	335.2	391.1	464.3	554.8	600.0
70°	224.8	230.1	232.8	236.8	242.1	254.1	276.7	306.0	360.5	433.7	476.3
72.5°	182.3	183.6	187.6	190.2	195.6	204.9	215.5	238.1	272.7	325.9	364.5
75°	145.0	146.3	149.0	150.3	154.3	157.0	162.3	178.3	202.2	234.1	262.1
77.5°	109.1	111.7	114.4	114.4	115.7	118.4	121.1	126.4	138.4	159.6	183.6
80°	74.5	75.8	75.8	77.2	75.8	79.8	83.8	90.5	95.8	102.4	114.4
82.5°	51.9	51.9	51.9	53.2	53.2	54.5	54.5	55.9	57.2	61.2	66.5
85°	31.9	31.9	33.3	30.6	31.9	33.3	33.3	31.9	33.3	34.6	35.9
87.5°	13.3	13.3	14.6	14.6	14.6	14.6	13.3	14.6	13.3	14.6	14.6
90°	26.1	25.3	24.6	24.2	23.6	22.3	21.0	19.7	18.4	16.6	14.8
92.5°	60.0	59.5	59.0	58.7	57.8	56.0	54.3	52.5	50.7	48.4	46.1
95°	98.0	97.5	97.0	96.7	95.8	94.0	92.2	90.4	88.6	86.0	83.5
97.5°	140.0	139.7	139.4	139.3	138.5	137.0	135.5	133.9	132.4	128.8	125.2
100°	187.8	187.3	186.8	186.5	185.3	183.0	180.7	178.4	176.1	172.8	169.5
102.5°	235.6	234.9	234.1	233.7	232.4	229.9	227.3	224.8	222.2	220.9	219.6
105°	284.0	283.2	282.5	282.1	281.3	279.8	278.2	276.7	275.1	273.6	272.0
107.5°	333.9	333.9	333.9	333.9	333.5	332.7	332.0	331.2	330.4	329.1	327.8
110°	389.6	389.9	390.2	390.3	389.9	389.1	388.4	387.6	386.8	386.0	385.3

TEST NUMBER: P1028445

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	444.2	444.7	445.2	445.5	445.4	445.1	444.9	444.6	444.4	443.4	442.4
115°	501.3	501.5	501.8	501.9	502.0	502.3	502.6	502.8	503.1	502.6	502.1
117.5°	558.0	559.1	560.1	560.6	560.5	560.2	560.0	559.7	559.5	559.0	558.5
120°	615.6	616.7	617.7	618.2	618.2	618.2	618.2	618.2	618.2	618.0	617.7
122.5°	672.7	673.5	674.2	674.6	674.7	675.0	675.3	675.5	675.8	675.0	674.2
125°	729.2	729.5	729.8	729.9	730.2	730.7	731.2	731.7	732.2	731.9	731.7
127.5°	785.0	785.5	786.0	786.3	786.4	786.7	786.9	787.2	787.4	787.2	786.9
130°	840.3	840.8	841.3	841.6	841.7	842.0	842.2	842.5	842.7	842.2	841.7
132.5°	892.6	893.4	894.1	894.5	894.6	894.9	895.2	895.4	895.7	895.9	896.2
135°	947.2	948.3	949.3	949.8	949.8	949.8	949.8	949.8	949.8	949.5	949.3
137.5°	1000.7	1002.0	1003.3	1003.9	1003.8	1003.5	1003.2	1003.0	1002.7	1002.2	1001.7
140°	1051.3	1052.6	1053.9	1054.5	1054.2	1053.7	1053.2	1052.7	1052.2	1051.4	1050.7
142.5°	1099.7	1101.0	1102.3	1102.9	1102.8	1102.5	1102.2	1102.0	1101.7	1100.7	1099.7
145°	1147.0	1147.8	1148.5	1148.9	1148.9	1148.9	1148.9	1148.9	1148.9	1148.1	1147.4
147.5°	1189.9	1191.9	1194.0	1195.0	1194.6	1193.8	1193.1	1192.3	1191.5	1191.0	1190.5
150°	1232.8	1233.3	1233.8	1234.1	1234.1	1234.1	1234.1	1234.1	1234.1	1233.1	1232.1
152.5°	1271.8	1272.9	1273.9	1274.4	1274.0	1273.3	1272.5	1271.8	1271.0	1270.7	1270.5
155°	1308.1	1309.4	1310.7	1311.3	1310.8	1309.7	1308.7	1307.6	1306.6	1306.4	1306.1
157.5°	1339.0	1340.8	1342.6	1343.5	1343.0	1342.0	1340.9	1339.9	1338.9	1338.6	1338.4
160°	1369.1	1370.4	1371.7	1372.3	1371.8	1370.8	1369.7	1368.7	1367.7	1367.4	1367.2
162.5°	1396.1	1397.6	1399.1	1399.9	1399.3	1398.0	1396.7	1395.4	1394.1	1394.1	1394.1
165°	1419.1	1420.6	1422.1	1422.9	1422.4	1421.4	1420.3	1419.3	1418.3	1418.1	1417.8
167.5°	1438.7	1440.2	1441.7	1442.5	1441.7	1440.2	1438.7	1437.1	1435.6	1435.6	1435.6
170°	1454.2	1455.9	1457.7	1458.6	1457.8	1456.3	1454.8	1453.2	1451.7	1451.7	1451.7
172.5°	1466.3	1467.8	1469.3	1470.1	1469.3	1467.8	1466.3	1464.7	1463.2	1463.2	1463.2
175°	1473.7	1475.5	1477.3	1478.2	1477.4	1475.9	1474.4	1472.8	1471.3	1471.3	1471.3
177.5°	1478.3	1480.1	1481.9	1482.8	1482.0	1480.5	1479.0	1477.4	1475.9	1476.1	1476.4
180°	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3

TEST NUMBER: P1028445

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4
2.5°	1662.9	1654.9	1649.6	1648.3	1640.3	1633.7	1625.7	1624.3	1620.4	1609.7	1603.1
5°	1714.8	1696.2	1692.2	1680.2	1660.3	1645.6	1627.0	1616.4	1604.4	1584.4	1568.5
7.5°	1768.0	1742.7	1724.1	1706.8	1678.9	1652.3	1625.7	1604.4	1583.1	1553.8	1529.9
10°	1819.9	1781.3	1758.7	1733.4	1694.9	1654.9	1617.7	1587.1	1552.5	1517.9	1483.3
12.5°	1867.8	1818.6	1785.3	1749.4	1701.5	1652.3	1604.4	1561.8	1525.9	1479.3	1440.8
15°	1897.1	1842.5	1809.3	1774.7	1702.8	1648.3	1592.4	1537.9	1490.0	1440.8	1404.8
17.5°	1914.4	1853.2	1815.9	1784.0	1710.8	1636.3	1564.5	1505.9	1454.1	1395.5	1347.6
20°	1906.4	1846.5	1811.9	1781.3	1696.2	1621.7	1544.5	1476.7	1411.5	1351.6	1301.1
22.5°	1889.1	1826.6	1788.0	1760.0	1684.2	1596.4	1511.3	1438.1	1370.2	1310.4	1253.2
25°	1851.8	1790.6	1757.4	1722.8	1648.3	1564.5	1478.0	1399.5	1327.7	1263.8	1200.0
27.5°	1818.6	1744.1	1709.5	1678.9	1600.4	1525.9	1440.8	1354.3	1281.1	1214.6	1150.7
30°	1780.0	1696.2	1658.9	1617.7	1547.2	1476.7	1391.5	1311.7	1235.9	1165.4	1104.2
32.5°	1738.8	1641.6	1599.1	1552.5	1480.7	1414.2	1342.3	1263.8	1188.0	1118.8	1055.0
35°	1685.5	1581.8	1532.6	1488.6	1414.2	1347.6	1281.1	1215.9	1140.1	1066.9	1005.7
37.5°	1635.0	1520.6	1468.7	1418.1	1339.7	1275.8	1221.3	1160.1	1086.9	1016.4	957.8
40°	1577.8	1446.1	1392.9	1346.3	1265.2	1194.6	1145.4	1097.5	1033.7	965.8	902.0
42.5°	1525.9	1376.9	1321.0	1273.1	1188.0	1121.5	1074.9	1035.0	979.1	916.6	851.4
45°	1454.1	1302.4	1245.2	1194.6	1108.2	1045.6	997.8	963.2	919.3	860.7	802.2
47.5°	1387.5	1230.6	1168.0	1106.8	1028.4	964.5	920.6	894.0	864.7	812.8	753.0
50°	1306.4	1148.1	1084.2	1033.7	944.5	890.0	846.1	827.5	800.9	751.6	703.7
52.5°	1218.6	1068.3	1008.4	947.2	864.7	811.5	772.9	751.6	730.4	694.4	649.2
55°	1116.2	979.1	923.3	868.7	786.2	737.0	702.4	679.8	667.8	634.6	601.3
57.5°	1017.7	888.7	836.8	786.2	714.4	658.5	635.9	615.9	598.7	574.7	546.8
60°	917.9	800.9	745.0	699.8	637.2	586.7	568.1	548.1	534.8	516.2	496.2
62.5°	803.5	703.7	661.2	618.6	565.4	525.5	504.2	488.2	470.9	459.0	441.7
65°	682.5	612.0	570.7	538.8	488.2	452.3	436.4	425.7	411.1	399.1	385.8
67.5°	569.4	513.5	496.2	461.6	423.0	391.1	379.1	365.8	353.9	347.2	335.2
70°	460.3	420.4	403.1	393.8	351.2	329.9	319.3	314.0	299.3	292.7	284.7
72.5°	356.5	341.9	329.9	318.0	290.0	276.7	264.7	259.4	248.8	243.5	240.8
75°	263.4	254.1	247.4	246.1	234.1	220.8	208.9	206.2	198.2	192.9	190.2
77.5°	184.9	182.3	180.9	182.3	174.3	166.3	163.6	161.0	151.7	150.3	150.3
80°	121.1	127.7	127.7	126.4	123.7	122.4	118.4	115.7	110.4	109.1	110.4
82.5°	74.5	78.5	79.8	82.5	81.2	79.8	77.2	75.8	77.2	74.5	75.8
85°	37.2	39.9	45.2	45.2	46.6	46.6	46.6	45.2	42.6	43.9	42.6
87.5°	14.6	16.0	16.0	16.0	14.6	18.6	20.0	20.0	20.0	17.3	17.3
90°	13.1	11.3	10.4	9.4	7.3	5.3	3.2	1.2	3.2	5.3	7.3
92.5°	43.8	41.5	40.3	39.7	38.4	37.1	35.8	34.5	35.8	37.1	38.4
95°	80.9	78.4	77.1	76.8	76.3	75.8	75.3	74.8	75.3	75.8	76.3
97.5°	121.7	118.1	116.3	116.2	115.9	115.6	115.4	115.1	115.4	115.6	115.9
100°	166.2	162.9	161.2	161.2	161.2	161.2	161.2	161.2	161.2	161.2	161.2
102.5°	218.3	217.0	216.4	215.8	214.5	213.2	212.0	210.7	212.0	213.2	214.5
105°	270.5	269.0	268.2	267.6	266.3	265.0	263.8	262.5	263.8	265.0	266.3
107.5°	326.5	325.2	324.6	324.0	322.7	321.4	320.2	318.9	320.2	321.4	322.7
110°	384.5	383.8	383.4	382.8	381.5	380.2	378.9	377.6	378.9	380.2	381.5

TEST NUMBER: P1028445

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	441.3	440.3	439.8	439.5	439.0	438.5	438.0	437.5	438.0	438.5	439.0
115°	501.6	501.1	500.8	500.3	499.3	498.2	497.2	496.2	497.2	498.2	499.3
117.5°	558.0	557.5	557.2	557.1	556.8	556.5	556.3	556.0	556.3	556.5	556.8
120°	617.5	617.2	617.1	616.5	615.2	613.9	612.6	611.3	612.6	613.9	615.2
122.5°	673.5	672.7	672.3	672.2	671.9	671.7	671.4	671.2	671.4	671.7	671.9
125°	731.4	731.1	731.0	730.2	728.7	727.2	725.6	724.1	725.6	727.2	728.7
127.5°	786.7	786.4	786.3	785.9	785.1	784.4	783.6	782.8	783.6	784.4	785.1
130°	841.2	840.7	840.4	839.8	838.5	837.2	835.9	834.6	835.9	837.2	838.5
132.5°	896.4	896.7	896.8	895.6	893.3	891.0	888.7	886.4	888.7	891.0	893.3
135°	949.0	948.7	948.6	947.8	946.3	944.8	943.2	941.7	943.2	944.8	946.3
137.5°	1001.2	1000.7	1000.4	999.6	998.1	996.6	995.0	993.5	995.0	996.6	998.1
140°	1049.9	1049.2	1048.8	1048.2	1046.9	1045.6	1044.3	1043.0	1044.3	1045.6	1046.9
142.5°	1098.6	1097.6	1097.1	1096.6	1095.6	1094.5	1093.5	1092.5	1093.5	1094.5	1095.6
145°	1146.6	1145.9	1145.5	1145.0	1144.0	1142.9	1141.9	1140.9	1141.9	1142.9	1144.0
147.5°	1190.0	1189.5	1189.2	1188.8	1188.1	1187.3	1186.6	1185.8	1186.6	1187.3	1188.1
150°	1231.0	1230.0	1229.5	1229.6	1229.9	1230.2	1230.4	1230.7	1230.4	1230.2	1229.9
152.5°	1270.2	1269.9	1269.8	1269.5	1269.0	1268.5	1268.0	1267.5	1268.0	1268.5	1269.0
155°	1305.9	1305.6	1305.5	1305.5	1305.5	1305.5	1305.5	1305.5	1305.5	1305.5	1305.5
157.5°	1338.1	1337.8	1337.7	1338.0	1338.5	1339.0	1339.5	1340.0	1339.5	1339.0	1338.5
160°	1366.9	1366.6	1366.5	1366.9	1367.7	1368.4	1369.2	1370.0	1369.2	1368.4	1367.7
162.5°	1394.1	1394.1	1394.1	1394.4	1394.9	1395.4	1395.9	1396.4	1395.9	1395.4	1394.9
165°	1417.6	1417.3	1417.2	1417.5	1418.0	1418.5	1419.0	1419.5	1419.0	1418.5	1418.0
167.5°	1435.6	1435.6	1435.6	1436.1	1437.1	1438.2	1439.2	1440.2	1439.2	1438.2	1437.1
170°	1451.7	1451.7	1451.7	1452.2	1453.2	1454.3	1455.3	1456.3	1455.3	1454.3	1453.2
172.5°	1463.2	1463.2	1463.2	1463.7	1464.7	1465.8	1466.8	1467.8	1466.8	1465.8	1464.7
175°	1471.3	1471.3	1471.3	1471.8	1472.8	1473.9	1474.9	1475.9	1474.9	1473.9	1472.8
177.5°	1476.6	1476.9	1477.0	1477.5	1478.5	1479.6	1480.6	1481.6	1480.6	1479.6	1478.5
180°	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3

TEST NUMBER: P1028445

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4
2.5°	1599.1	1593.7	1589.8	1585.8	1568.5	1549.8	1547.2	1543.2	1535.2	1544.5	1540.5
5°	1557.8	1545.9	1539.2	1521.9	1500.6	1484.7	1471.4	1455.4	1448.7	1443.4	1442.1
7.5°	1507.3	1496.6	1484.7	1467.4	1440.8	1414.2	1394.2	1378.2	1364.9	1358.3	1358.3
10°	1458.1	1444.7	1428.8	1399.5	1374.2	1341.0	1319.7	1303.7	1285.1	1274.5	1265.2
12.5°	1407.5	1392.9	1378.2	1341.0	1311.7	1277.1	1246.5	1226.6	1217.3	1205.3	1189.3
15°	1356.9	1334.3	1319.7	1282.4	1245.2	1210.6	1190.7	1169.4	1148.1	1136.1	1130.8
17.5°	1303.7	1287.8	1263.8	1223.9	1182.7	1152.1	1122.8	1102.9	1077.6	1065.6	1053.6
20°	1255.8	1231.9	1207.9	1168.0	1128.1	1086.9	1057.6	1033.7	1017.7	1008.4	997.8
22.5°	1198.6	1176.0	1156.1	1113.5	1069.6	1031.0	999.1	984.5	968.5	953.9	943.2
25°	1149.4	1126.8	1106.8	1060.3	1012.4	976.5	952.5	933.9	916.6	910.0	899.3
27.5°	1097.5	1076.2	1049.6	1003.1	960.5	929.9	904.6	887.3	874.0	860.7	852.7
30°	1048.3	1024.4	1000.4	949.9	915.3	884.7	860.7	839.4	828.8	822.1	808.8
32.5°	1000.4	969.8	949.9	903.3	870.0	840.8	820.8	802.2	788.9	776.9	766.3
35°	948.5	915.3	895.3	856.7	822.1	792.9	775.6	762.3	746.3	735.7	730.4
37.5°	899.3	871.4	851.4	811.5	776.9	753.0	734.3	717.1	710.4	695.8	693.1
40°	846.1	822.1	803.5	764.9	733.0	714.4	694.4	678.5	666.5	659.8	650.5
42.5°	798.2	778.2	758.3	722.4	691.8	669.2	654.5	639.9	629.3	618.6	612.0
45°	754.3	733.0	714.4	679.8	649.2	629.3	614.6	597.3	594.7	580.0	573.4
47.5°	707.7	689.1	673.2	637.2	609.3	589.3	572.0	560.1	548.1	542.8	533.5
50°	662.5	643.9	625.3	593.3	568.1	548.1	530.8	517.5	510.9	502.9	494.9
52.5°	613.3	598.7	584.0	550.8	525.5	508.2	493.6	476.3	469.6	463.0	457.6
55°	572.0	550.8	534.8	506.9	484.2	465.6	449.7	436.4	429.7	424.4	417.7
57.5°	516.2	502.9	489.6	464.3	443.0	424.4	408.4	397.8	389.8	385.8	387.1
60°	468.3	453.6	445.7	419.1	397.8	383.1	368.5	357.9	349.9	345.9	344.6
62.5°	417.7	407.1	392.4	373.8	352.5	339.2	328.6	320.6	307.3	306.0	302.0
65°	368.5	360.5	347.2	329.9	312.6	300.7	288.7	278.0	272.7	266.1	262.1
67.5°	320.6	312.6	300.7	286.0	274.0	262.1	251.4	240.8	231.5	226.2	223.5
70°	274.0	267.4	259.4	242.1	227.5	218.2	210.2	203.5	194.2	191.6	190.2
72.5°	228.8	222.2	218.2	203.5	190.2	182.3	174.3	167.6	163.6	162.3	158.3
75°	187.6	180.9	175.6	162.3	154.3	149.0	141.0	138.4	134.4	133.0	131.7
77.5°	146.3	139.7	138.4	129.0	119.7	117.1	114.4	109.1	109.1	109.1	106.4
80°	105.1	103.8	102.4	93.1	89.1	86.5	85.1	81.2	78.5	75.8	74.5
82.5°	70.5	69.2	67.8	63.9	59.9	58.5	57.2	54.5	54.5	55.9	53.2
85°	42.6	39.9	38.6	37.2	34.6	34.6	35.9	34.6	34.6	34.6	33.3
87.5°	16.0	16.0	16.0	16.0	17.3	14.6	16.0	16.0	14.6	14.6	13.3
90°	9.4	10.4	11.3	13.1	14.8	16.6	18.4	19.7	21.0	22.3	23.6
92.5°	39.7	40.3	41.5	43.8	46.1	48.4	50.7	52.5	54.3	56.0	57.8
95°	76.8	77.1	78.4	80.9	83.5	86.0	88.6	90.4	92.2	94.0	95.8
97.5°	116.2	116.3	118.1	121.7	125.2	128.8	132.4	133.9	135.5	137.0	138.5
100°	161.2	161.2	162.9	166.2	169.5	172.8	176.1	178.4	180.7	183.0	185.3
102.5°	215.8	216.4	217.0	218.3	219.6	220.9	222.2	224.8	227.3	229.9	232.4
105°	267.6	268.2	269.0	270.5	272.0	273.6	275.1	276.7	278.2	279.8	281.3
107.5°	324.0	324.6	325.2	326.5	327.8	329.1	330.4	331.2	332.0	332.7	333.5
110°	382.8	383.4	383.8	384.5	385.3	386.0	386.8	387.6	388.4	389.1	389.9

TEST NUMBER: P1028445

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	439.5	439.8	440.3	441.3	442.4	443.4	444.4	444.6	444.9	445.1	445.4
115°	500.3	500.8	501.1	501.6	502.1	502.6	503.1	502.8	502.6	502.3	502.0
117.5°	557.1	557.2	557.5	558.0	558.5	559.0	559.5	559.7	560.0	560.2	560.5
120°	616.5	617.1	617.2	617.5	617.7	618.0	618.2	618.2	618.2	618.2	618.2
122.5°	672.2	672.3	672.7	673.5	674.2	675.0	675.8	675.5	675.3	675.0	674.7
125°	730.2	731.0	731.1	731.4	731.7	731.9	732.2	731.7	731.2	730.7	730.2
127.5°	785.9	786.3	786.4	786.7	786.9	787.2	787.4	787.2	786.9	786.7	786.4
130°	839.8	840.4	840.7	841.2	841.7	842.2	842.7	842.5	842.2	842.0	841.7
132.5°	895.6	896.8	896.7	896.4	896.2	895.9	895.7	895.4	895.2	894.9	894.6
135°	947.8	948.6	948.7	949.0	949.3	949.5	949.8	949.8	949.8	949.8	949.8
137.5°	999.6	1000.4	1000.7	1001.2	1001.7	1002.2	1002.7	1003.0	1003.2	1003.5	1003.8
140°	1048.2	1048.8	1049.2	1049.9	1050.7	1051.4	1052.2	1052.7	1053.2	1053.7	1054.2
142.5°	1096.6	1097.1	1097.6	1098.6	1099.7	1100.7	1101.7	1102.0	1102.2	1102.5	1102.8
145°	1145.0	1145.5	1145.9	1146.6	1147.4	1148.1	1148.9	1148.9	1148.9	1148.9	1148.9
147.5°	1188.8	1189.2	1189.5	1190.0	1190.5	1191.0	1191.5	1192.3	1193.1	1193.8	1194.6
150°	1229.6	1229.5	1230.0	1231.0	1232.1	1233.1	1234.1	1234.1	1234.1	1234.1	1234.1
152.5°	1269.5	1269.8	1269.9	1270.2	1270.5	1270.7	1271.0	1271.8	1272.5	1273.3	1274.0
155°	1305.5	1305.5	1305.6	1305.9	1306.1	1306.4	1306.6	1307.6	1308.7	1309.7	1310.8
157.5°	1338.0	1337.7	1337.8	1338.1	1338.4	1338.6	1338.9	1339.9	1340.9	1342.0	1343.0
160°	1366.9	1366.5	1366.6	1366.9	1367.2	1367.4	1367.7	1368.7	1369.7	1370.8	1371.8
162.5°	1394.4	1394.1	1394.1	1394.1	1394.1	1394.1	1394.1	1395.4	1396.7	1398.0	1399.3
165°	1417.5	1417.2	1417.3	1417.6	1417.8	1418.1	1418.3	1419.3	1420.3	1421.4	1422.4
167.5°	1436.1	1435.6	1435.6	1435.6	1435.6	1435.6	1435.6	1437.1	1438.7	1440.2	1441.7
170°	1452.2	1451.7	1451.7	1451.7	1451.7	1451.7	1451.7	1453.2	1454.8	1456.3	1457.8
172.5°	1463.7	1463.2	1463.2	1463.2	1463.2	1463.2	1463.2	1464.7	1466.3	1467.8	1469.3
175°	1471.8	1471.3	1471.3	1471.3	1471.3	1471.3	1471.3	1472.8	1474.4	1475.9	1477.4
177.5°	1477.5	1477.0	1476.9	1476.6	1476.4	1476.1	1475.9	1477.4	1479.0	1480.5	1482.0
180°	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3

TEST NUMBER: P1028445

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4
2.5°	1533.9	1536.5	1529.9	1527.2	1521.9	1528.6	1529.9	1528.6	1540.5	1535.2	1537.9
5°	1444.7	1439.4	1435.4	1426.1	1426.1	1427.5	1431.4	1424.8	1428.8	1438.1	1436.8
7.5°	1346.3	1343.6	1345.0	1334.3	1326.3	1329.0	1326.3	1338.3	1345.0	1342.3	1347.6
10°	1257.2	1262.5	1250.5	1245.2	1239.9	1245.2	1243.9	1246.5	1254.5	1259.8	1269.1
12.5°	1185.3	1184.0	1177.3	1172.0	1162.7	1165.4	1173.4	1170.7	1172.0	1184.0	1182.7
15°	1117.5	1109.5	1104.2	1092.2	1094.9	1085.6	1093.5	1102.9	1106.8	1117.5	1124.1
17.5°	1049.6	1048.3	1041.7	1040.3	1025.7	1021.7	1029.7	1032.3	1036.3	1041.7	1051.0
20°	992.4	991.1	981.8	979.1	967.2	975.1	972.5	977.8	980.5	991.1	995.1
22.5°	940.5	933.9	931.2	927.2	923.3	921.9	927.2	925.9	935.2	939.2	940.5
25°	892.7	887.3	886.0	879.4	876.7	872.7	876.7	880.7	891.3	895.3	900.6
27.5°	848.8	844.8	842.1	836.8	832.8	832.8	835.5	840.8	844.8	847.4	850.1
30°	808.8	806.2	798.2	795.5	791.6	791.6	791.6	794.2	800.9	808.8	812.8
32.5°	767.6	762.3	757.0	757.0	753.0	753.0	754.3	757.0	763.6	764.9	771.6
35°	727.7	722.4	718.4	715.7	717.1	711.7	714.4	718.4	726.4	729.0	733.0
37.5°	689.1	687.8	679.8	675.8	678.5	678.5	677.1	679.8	685.1	690.4	693.1
40°	646.5	643.9	643.9	639.9	641.2	635.9	639.9	642.6	645.2	650.5	654.5
42.5°	609.3	606.6	601.3	602.6	598.7	598.7	601.3	602.6	606.6	613.3	615.9
45°	569.4	569.4	566.7	562.7	564.1	560.1	562.7	564.1	569.4	576.0	573.4
47.5°	530.8	529.5	529.5	524.2	526.8	522.8	526.8	528.1	530.8	534.8	533.5
50°	493.6	489.6	490.9	489.6	488.2	488.2	490.9	490.9	493.6	493.6	497.5
52.5°	455.0	455.0	452.3	453.6	456.3	453.6	457.6	453.6	456.3	457.6	460.3
55°	420.4	417.7	419.1	417.7	423.0	419.1	423.0	420.4	423.0	421.7	424.4
57.5°	383.1	379.1	380.5	379.1	383.1	381.8	385.8	381.8	383.1	384.5	388.5
60°	340.6	340.6	340.6	337.9	341.9	341.9	340.6	340.6	345.9	348.5	347.2
62.5°	300.7	299.3	295.3	294.0	295.3	292.7	298.0	296.7	299.3	302.0	304.6
65°	256.8	254.1	252.8	250.1	250.1	248.8	250.1	255.4	256.8	258.1	264.7
67.5°	220.8	219.5	218.2	214.2	214.2	216.8	216.8	216.8	224.8	220.8	226.2
70°	188.9	186.2	183.6	182.3	182.3	183.6	184.9	186.2	184.9	190.2	191.6
72.5°	158.3	159.6	157.0	157.0	157.0	155.6	155.6	158.3	159.6	158.3	159.6
75°	131.7	131.7	130.4	131.7	131.7	130.4	130.4	133.0	133.0	131.7	135.7
77.5°	106.4	105.1	102.4	99.8	101.1	99.8	101.1	99.8	103.8	107.8	105.1
80°	74.5	73.2	73.2	73.2	74.5	73.2	75.8	73.2	74.5	74.5	75.8
82.5°	53.2	54.5	54.5	53.2	54.5	53.2	54.5	54.5	54.5	53.2	54.5
85°	34.6	34.6	34.6	34.6	33.3	34.6	34.6	34.6	35.9	34.6	35.9
87.5°	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	16.0	14.6	16.0
90°	24.2	24.6	25.3	26.1	26.8	27.6	26.8	26.1	25.3	24.6	24.2
92.5°	58.7	59.0	59.5	60.0	60.5	61.0	60.5	60.0	59.5	59.0	58.7
95°	96.7	97.0	97.5	98.0	98.5	99.0	98.5	98.0	97.5	97.0	96.7
97.5°	139.3	139.4	139.7	140.0	140.2	140.5	140.2	140.0	139.7	139.4	139.3
100°	186.5	186.8	187.3	187.8	188.3	188.8	188.3	187.8	187.3	186.8	186.5
102.5°	233.7	234.1	234.9	235.6	236.4	237.2	236.4	235.6	234.9	234.1	233.7
105°	282.1	282.5	283.2	284.0	284.7	285.5	284.7	284.0	283.2	282.5	282.1
107.5°	333.9	333.9	333.9	333.9	333.9	333.9	333.9	333.9	333.9	333.9	333.9
110°	390.3	390.2	389.9	389.6	389.4	389.1	389.4	389.6	389.9	390.2	390.3

TEST NUMBER: P1028445

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	445.5	445.2	444.7	444.2	443.7	443.2	443.7	444.2	444.7	445.2	445.5
115°	501.9	501.8	501.5	501.3	501.0	500.8	501.0	501.3	501.5	501.8	501.9
117.5°	560.6	560.1	559.1	558.0	557.0	556.0	557.0	558.0	559.1	560.1	560.6
120°	618.2	617.7	616.7	615.6	614.6	613.6	614.6	615.6	616.7	617.7	618.2
122.5°	674.6	674.2	673.5	672.7	672.0	671.2	672.0	672.7	673.5	674.2	674.6
125°	729.9	729.8	729.5	729.2	729.0	728.7	729.0	729.2	729.5	729.8	729.9
127.5°	786.3	786.0	785.5	785.0	784.5	784.0	784.5	785.0	785.5	786.0	786.3
130°	841.6	841.3	840.8	840.3	839.7	839.2	839.7	840.3	840.8	841.3	841.6
132.5°	894.5	894.1	893.4	892.6	891.9	891.1	891.9	892.6	893.4	894.1	894.5
135°	949.8	949.3	948.3	947.2	946.2	945.2	946.2	947.2	948.3	949.3	949.8
137.5°	1003.9	1003.3	1002.0	1000.7	999.4	998.1	999.4	1000.7	1002.0	1003.3	1003.9
140°	1054.5	1053.9	1052.6	1051.3	1050.1	1048.8	1050.1	1051.3	1052.6	1053.9	1054.5
142.5°	1102.9	1102.3	1101.0	1099.7	1098.4	1097.1	1098.4	1099.7	1101.0	1102.3	1102.9
145°	1148.9	1148.5	1147.8	1147.0	1146.3	1145.5	1146.3	1147.0	1147.8	1148.5	1148.9
147.5°	1195.0	1194.0	1191.9	1189.9	1187.8	1185.8	1187.8	1189.9	1191.9	1194.0	1195.0
150°	1234.1	1233.8	1233.3	1232.8	1232.3	1231.8	1232.3	1232.8	1233.3	1233.8	1234.1
152.5°	1274.4	1273.9	1272.9	1271.8	1270.8	1269.8	1270.8	1271.8	1272.9	1273.9	1274.4
155°	1311.3	1310.7	1309.4	1308.1	1306.8	1305.5	1306.8	1308.1	1309.4	1310.7	1311.3
157.5°	1343.5	1342.6	1340.8	1339.0	1337.2	1335.4	1337.2	1339.0	1340.8	1342.6	1343.5
160°	1372.3	1371.7	1370.4	1369.1	1367.8	1366.5	1367.8	1369.1	1370.4	1371.7	1372.3
162.5°	1399.9	1399.1	1397.6	1396.1	1394.5	1393.0	1394.5	1396.1	1397.6	1399.1	1399.9
165°	1422.9	1422.1	1420.6	1419.1	1417.5	1416.0	1417.5	1419.1	1420.6	1422.1	1422.9
167.5°	1442.5	1441.7	1440.2	1438.7	1437.1	1435.6	1437.1	1438.7	1440.2	1441.7	1442.5
170°	1458.6	1457.7	1455.9	1454.2	1452.4	1450.6	1452.4	1454.2	1455.9	1457.7	1458.6
172.5°	1470.1	1469.3	1467.8	1466.3	1464.7	1463.2	1464.7	1466.3	1467.8	1469.3	1470.1
175°	1478.2	1477.3	1475.5	1473.7	1471.9	1470.1	1471.9	1473.7	1475.5	1477.3	1478.2
177.5°	1482.8	1481.9	1480.1	1478.3	1476.5	1474.7	1476.5	1478.3	1480.1	1481.9	1482.8
180°	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3

TEST NUMBER: P1028445

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4	1620.4
2.5°	1532.6	1539.2	1533.9	1529.9	1540.5	1545.9	1545.9	1555.2	1564.5	1572.5	1573.8
5°	1438.1	1448.7	1451.4	1450.1	1466.0	1474.0	1491.3	1500.6	1513.9	1523.2	1533.9
7.5°	1351.6	1366.3	1367.6	1370.2	1394.2	1407.5	1422.1	1446.1	1464.7	1478.0	1490.0
10°	1265.2	1274.5	1283.8	1295.7	1319.7	1342.3	1363.6	1388.9	1412.8	1426.1	1443.4
12.5°	1200.0	1206.6	1217.3	1225.2	1250.5	1270.5	1298.4	1333.0	1367.6	1378.2	1399.5
15°	1132.1	1136.1	1157.4	1165.4	1186.7	1219.9	1237.2	1270.5	1307.7	1327.7	1351.6
17.5°	1053.6	1077.6	1090.9	1100.2	1126.8	1153.4	1181.3	1215.9	1263.8	1282.4	1299.7
20°	997.8	1015.0	1029.7	1041.7	1065.6	1105.5	1130.8	1158.7	1204.0	1225.2	1250.5
22.5°	948.5	963.2	976.5	989.8	1005.7	1041.7	1070.9	1109.5	1154.7	1174.7	1204.0
25°	902.0	916.6	924.6	940.5	961.8	987.1	1021.7	1056.3	1101.5	1124.1	1152.1
27.5°	856.7	871.4	886.0	899.3	913.9	937.9	961.8	1005.7	1052.3	1078.9	1102.9
30°	818.2	824.8	838.1	852.7	867.4	890.0	917.9	948.5	1001.7	1025.7	1055.0
32.5°	775.6	787.6	796.9	807.5	826.1	844.8	870.0	908.6	951.2	973.8	1005.7
35°	735.7	746.3	753.0	771.6	783.6	803.5	828.8	863.4	899.3	924.6	952.5
37.5°	697.1	707.7	715.7	726.4	742.3	759.6	786.2	811.5	854.1	875.4	907.3
40°	657.2	666.5	675.8	687.8	702.4	723.7	739.7	771.6	806.2	830.1	854.1
42.5°	618.6	623.9	634.6	647.9	662.5	681.1	703.7	729.0	763.6	784.9	806.2
45°	577.4	586.7	598.7	608.0	621.3	639.9	659.8	682.5	717.1	738.3	761.0
47.5°	538.8	545.4	553.4	568.1	585.3	598.7	619.9	641.2	673.2	693.1	714.4
50°	498.9	505.5	517.5	526.8	540.1	557.4	577.4	600.0	630.6	643.9	665.2
52.5°	461.6	464.3	476.3	485.6	498.9	518.8	534.8	554.8	584.0	598.7	619.9
55°	424.4	427.0	433.7	443.0	457.6	473.6	490.9	513.5	538.8	552.1	572.0
57.5°	385.8	388.5	395.1	401.8	416.4	431.0	451.0	469.6	494.9	506.9	525.5
60°	347.2	347.2	353.9	363.2	373.8	387.1	404.4	427.0	445.7	460.3	473.6
62.5°	306.0	310.0	314.0	320.6	332.6	348.5	363.2	379.1	401.8	412.4	424.4
65°	264.7	268.7	276.7	283.4	292.7	303.3	321.9	335.2	352.5	364.5	375.2
67.5°	228.8	232.8	238.1	246.1	252.8	264.7	278.0	291.3	310.0	318.0	325.9
70°	191.6	195.6	199.6	210.2	216.8	226.2	235.5	248.8	264.7	270.1	276.7
72.5°	162.3	163.6	169.0	171.6	180.9	188.9	199.6	207.5	219.5	226.2	231.5
75°	137.0	137.0	138.4	141.0	146.3	151.7	159.6	167.6	178.3	182.3	188.9
77.5°	107.8	111.7	110.4	113.1	115.7	118.4	125.1	130.4	141.0	143.7	146.3
80°	77.2	78.5	82.5	86.5	86.5	90.5	94.5	95.8	102.4	106.4	106.4
82.5°	55.9	57.2	55.9	57.2	58.5	59.9	63.9	69.2	69.2	70.5	73.2
85°	34.6	34.6	35.9	37.2	37.2	35.9	38.6	37.2	38.6	41.2	41.2
87.5°	17.3	16.0	16.0	16.0	16.0	16.0	17.3	16.0	17.3	17.3	17.3
90°	23.6	22.3	21.0	19.7	18.4	16.6	14.8	13.1	11.3	10.4	9.4
92.5°	57.8	56.0	54.3	52.5	50.7	48.4	46.1	43.8	41.5	40.3	39.7
95°	95.8	94.0	92.2	90.4	88.6	86.0	83.5	80.9	78.4	77.1	76.8
97.5°	138.5	137.0	135.5	133.9	132.4	128.8	125.2	121.7	118.1	116.3	116.2
100°	185.3	183.0	180.7	178.4	176.1	172.8	169.5	166.2	162.9	161.2	161.2
102.5°	232.4	229.9	227.3	224.8	222.2	220.9	219.6	218.3	217.0	216.4	215.8
105°	281.3	279.8	278.2	276.7	275.1	273.6	272.0	270.5	269.0	268.2	267.6
107.5°	333.5	332.7	332.0	331.2	330.4	329.1	327.8	326.5	325.2	324.6	324.0
110°	389.9	389.1	388.4	387.6	386.8	386.0	385.3	384.5	383.8	383.4	382.8

TEST NUMBER: P1028445

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	445.4	445.1	444.9	444.6	444.4	443.4	442.4	441.3	440.3	439.8	439.5
115°	502.0	502.3	502.6	502.8	503.1	502.6	502.1	501.6	501.1	500.8	500.3
117.5°	560.5	560.2	560.0	559.7	559.5	559.0	558.5	558.0	557.5	557.2	557.1
120°	618.2	618.2	618.2	618.2	618.2	618.0	617.7	617.5	617.2	617.1	616.5
122.5°	674.7	675.0	675.3	675.5	675.8	675.0	674.2	673.5	672.7	672.3	672.2
125°	730.2	730.7	731.2	731.7	732.2	731.9	731.7	731.4	731.1	731.0	730.2
127.5°	786.4	786.7	786.9	787.2	787.4	787.2	786.9	786.7	786.4	786.3	785.9
130°	841.7	842.0	842.2	842.5	842.7	842.2	841.7	841.2	840.7	840.4	839.8
132.5°	894.6	894.9	895.2	895.4	895.7	895.9	896.2	896.4	896.7	896.8	895.6
135°	949.8	949.8	949.8	949.8	949.8	949.5	949.3	949.0	948.7	948.6	947.8
137.5°	1003.8	1003.5	1003.2	1003.0	1002.7	1002.2	1001.7	1001.2	1000.7	1000.4	999.6
140°	1054.2	1053.7	1053.2	1052.7	1052.2	1051.4	1050.7	1049.9	1049.2	1048.8	1048.2
142.5°	1102.8	1102.5	1102.2	1102.0	1101.7	1100.7	1099.7	1098.6	1097.6	1097.1	1096.6
145°	1148.9	1148.9	1148.9	1148.9	1148.9	1148.1	1147.4	1146.6	1145.9	1145.5	1145.0
147.5°	1194.6	1193.8	1193.1	1192.3	1191.5	1191.0	1190.5	1190.0	1189.5	1189.2	1188.8
150°	1234.1	1234.1	1234.1	1234.1	1234.1	1233.1	1232.1	1231.0	1230.0	1229.5	1229.6
152.5°	1274.0	1273.3	1272.5	1271.8	1271.0	1270.7	1270.5	1270.2	1269.9	1269.8	1269.5
155°	1310.8	1309.7	1308.7	1307.6	1306.6	1306.4	1306.1	1305.9	1305.6	1305.5	1305.5
157.5°	1343.0	1342.0	1340.9	1339.9	1338.9	1338.6	1338.4	1338.1	1337.8	1337.7	1338.0
160°	1371.8	1370.8	1369.7	1368.7	1367.7	1367.4	1367.2	1366.9	1366.6	1366.5	1366.9
162.5°	1399.3	1398.0	1396.7	1395.4	1394.1	1394.1	1394.1	1394.1	1394.1	1394.1	1394.4
165°	1422.4	1421.4	1420.3	1419.3	1418.3	1418.1	1417.8	1417.6	1417.3	1417.2	1417.5
167.5°	1441.7	1440.2	1438.7	1437.1	1435.6	1435.6	1435.6	1435.6	1435.6	1435.6	1436.1
170°	1457.8	1456.3	1454.8	1453.2	1451.7	1451.7	1451.7	1451.7	1451.7	1451.7	1452.2
172.5°	1469.3	1467.8	1466.3	1464.7	1463.2	1463.2	1463.2	1463.2	1463.2	1463.2	1463.7
175°	1477.4	1475.9	1474.4	1472.8	1471.3	1471.3	1471.3	1471.3	1471.3	1471.3	1471.8
177.5°	1482.0	1480.5	1479.0	1477.4	1475.9	1476.1	1476.4	1476.6	1476.9	1477.0	1477.5
180°	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3	1479.3

TEST NUMBER: P1028445

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1620.4	1620.4	1620.4	1620.4
2.5°	1583.1	1595.1	1607.0	1621.7
5°	1551.2	1572.5	1595.1	1616.4
7.5°	1516.6	1547.2	1576.5	1607.0
10°	1478.0	1516.6	1549.8	1592.4
12.5°	1435.4	1476.7	1523.2	1571.1
15°	1392.9	1444.7	1494.0	1548.5
17.5°	1353.0	1402.2	1456.7	1521.9
20°	1305.1	1359.6	1420.8	1490.0
22.5°	1254.5	1314.4	1380.9	1455.4
25°	1211.9	1273.1	1337.0	1415.5
27.5°	1165.4	1229.2	1291.8	1375.6
30°	1112.2	1181.3	1245.2	1331.7
32.5°	1061.6	1130.8	1201.3	1282.4
35°	1012.4	1080.2	1150.7	1233.2
37.5°	965.8	1027.0	1096.2	1170.7
40°	921.9	977.8	1039.0	1106.8
42.5°	866.1	931.2	988.4	1037.7
45°	818.2	871.4	924.6	964.5
47.5°	762.3	815.5	860.7	892.7
50°	715.7	758.3	795.5	823.5
52.5°	659.8	699.8	730.4	751.6
55°	605.3	639.9	666.5	681.1
57.5°	556.1	578.7	598.7	612.0
60°	501.5	518.8	536.1	550.8
62.5°	443.0	461.6	470.9	486.9
65°	391.1	403.1	417.7	423.0
67.5°	340.6	347.2	356.5	367.2
70°	287.4	291.3	300.7	315.3
72.5°	240.8	244.8	251.4	256.8
75°	191.6	195.6	200.9	206.2
77.5°	150.3	151.7	154.3	159.6
80°	109.1	113.1	115.7	117.1
82.5°	75.8	77.2	77.2	78.5
85°	47.9	45.2	45.2	46.6
87.5°	17.3	20.0	20.0	22.6
90°	7.3	5.3	3.2	1.2
92.5°	38.4	37.1	35.8	34.5
95°	76.3	75.8	75.3	74.8
97.5°	115.9	115.6	115.4	115.1
100°	161.2	161.2	161.2	161.2
102.5°	214.5	213.2	212.0	210.7
105°	266.3	265.0	263.8	262.5
107.5°	322.7	321.4	320.2	318.9
110°	381.5	380.2	378.9	377.6

TEST NUMBER: P1028445

CATALOG NUMBER: S125RDIP-B1090D1270UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	439.0	438.5	438.0	437.5
115°	499.3	498.2	497.2	496.2
117.5°	556.8	556.5	556.3	556.0
120°	615.2	613.9	612.6	611.3
122.5°	671.9	671.7	671.4	671.2
125°	728.7	727.2	725.6	724.1
127.5°	785.1	784.4	783.6	782.8
130°	838.5	837.2	835.9	834.6
132.5°	893.3	891.0	888.7	886.4
135°	946.3	944.8	943.2	941.7
137.5°	998.1	996.6	995.0	993.5
140°	1046.9	1045.6	1044.3	1043.0
142.5°	1095.6	1094.5	1093.5	1092.5
145°	1144.0	1142.9	1141.9	1140.9
147.5°	1188.1	1187.3	1186.6	1185.8
150°	1229.9	1230.2	1230.4	1230.7
152.5°	1269.0	1268.5	1268.0	1267.5
155°	1305.5	1305.5	1305.5	1305.5
157.5°	1338.5	1339.0	1339.5	1340.0
160°	1367.7	1368.4	1369.2	1370.0
162.5°	1394.9	1395.4	1395.9	1396.4
165°	1418.0	1418.5	1419.0	1419.5
167.5°	1437.1	1438.2	1439.2	1440.2
170°	1453.2	1454.3	1455.3	1456.3
172.5°	1464.7	1465.8	1466.8	1467.8
175°	1472.8	1473.9	1474.9	1475.9
177.5°	1478.5	1479.6	1480.6	1481.6
180°	1479.3	1479.3	1479.3	1479.3

(END OF REPORT)