

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: P1028517

Luminaire Tested: S125RDIP-B1090D610UB35-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1028517
REPORT IS A COMBINATION OF REPORTS P1005062 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIP-B1090D610UB35-4F0-XX-W2A-A1
Description: Define 5 Regressed Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721}
{m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

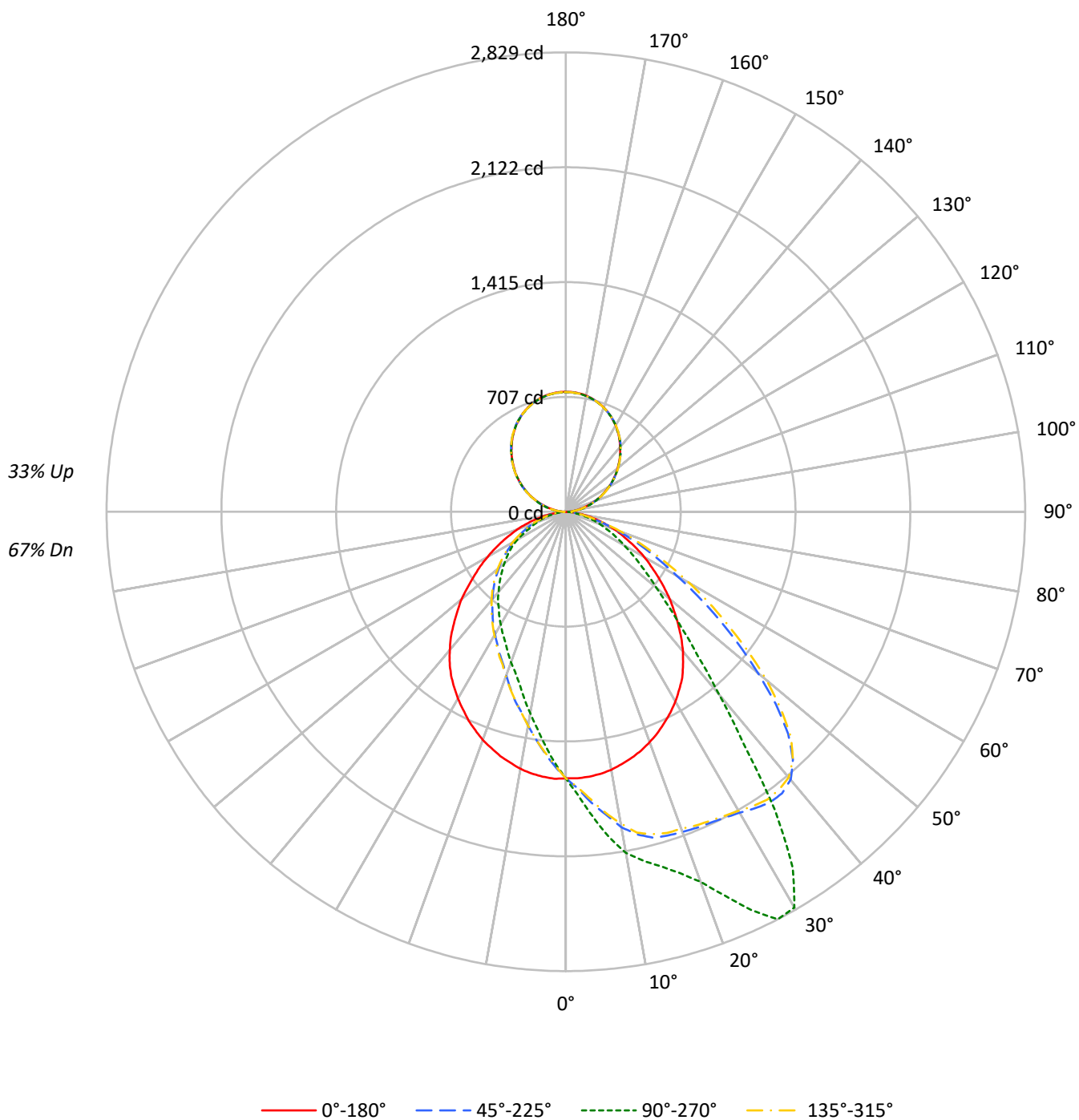
Lumens per Lamp: N/A
Luminaire Lumens: 6313.0 lumens
Efficiency: N/A
Efficacy: 101.5 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 62.2
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	111	111	111	111	105	105	105	105	93	93	93	82	82	82	72	72	72	65	63	62	58
1	102	98	94	91	96	93	89	86	83	80	78	73	71	70	65	63	62	58	55	53	49
2	94	86	80	75	88	82	76	72	73	69	65	65	62	59	58	55	53	49	48	46	42
3	86	76	69	63	81	72	66	61	65	60	56	58	54	51	51	48	46	42	40	37	32
4	79	68	60	54	74	64	57	52	58	52	48	52	47	44	46	43	40	37	35	32	28
5	72	61	53	47	68	58	50	45	52	46	42	47	42	38	42	38	35	32	29	25	23
6	67	55	47	41	63	52	45	39	47	41	36	42	37	34	38	34	31	28	25	22	20
7	62	50	42	36	58	47	40	35	43	37	32	39	34	30	35	31	28	25	22	20	19
8	58	45	37	32	54	43	36	31	39	33	29	36	30	27	32	28	25	22	20	19	18
9	54	41	34	29	51	40	33	28	36	30	26	33	28	24	30	25	22	20	19	18	17
10	50	38	31	26	48	36	30	25	33	27	24	30	25	22	27	23	20	19	18	17	16

AVERAGE LUMINANCE (cd/sqm):

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

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 14972 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	157.4	2.5
10°-20°	461.5	7.3
20°-30°	731.8	11.6
30°-40°	884.2	14.0
40°-50°	787.3	12.5
50°-60°	603.7	9.6
60°-70°	392.1	6.2
70°-80°	190.3	3.0
80°-90°	45.9	0.7
90°-100°	49.1	0.8
100°-110°	145.7	2.3
110°-120°	247.2	3.9
120°-130°	325.4	5.2
130°-140°	364.6	5.8
140°-150°	357.4	5.7
150°-160°	300.2	4.8
160°-170°	199.5	3.2
170°-180°	69.8	1.1
0°-30°	1350.7	21.4
0°-40°	2234.9	35.4
0°-60°	3625.9	57.4
0°-90°	4254.1	67.4
90°-120°	442.0	7.0
90°-150°	1489.3	23.6
90°-180°	2059.0	32.6
0°-180°	6313.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1642	1642	1642	1642	1642	
5°	1638	1882	1638	1446	1638	156
15°	1569	2260	1558	1100	1569	442
25°	1434	2706	1418	884	1434	661
35°	1249	2245	1232	721	1249	778
45°	977	1004	976	567	977	754
55°	690	551	689	424	690	618
65°	429	313	431	252	429	428
75°	209	146	209	132	209	224
85°	47	31	46	35	47	54
90°	1	14	1	14	1	6
95°	37	49	37	49	37	39
105°	131	142	131	142	131	140
115°	247	250	247	250	247	245
125°	361	363	361	363	361	324
135°	470	471	470	471	470	362
145°	569	571	569	571	569	356
155°	651	651	651	651	651	300
165°	708	706	708	706	708	200
175°	736	733	736	733	736	70
180°	738	738	738	738	738	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1642.9	1656.4	1660.5	1671.2	1683.4	1686.1	1692.8	1702.2	1707.6	1706.3	1706.3
5°	1637.5	1660.5	1676.6	1695.5	1718.4	1727.8	1735.9	1756.1	1772.3	1781.7	1797.9
7.5°	1628.1	1661.8	1688.8	1717.1	1752.1	1768.3	1785.8	1814.1	1843.7	1862.6	1880.1
10°	1613.3	1656.4	1694.1	1735.9	1783.1	1807.4	1828.9	1872.0	1908.4	1932.7	1973.1
12.5°	1591.7	1645.6	1698.2	1753.4	1812.7	1838.4	1868.0	1915.2	1966.4	2001.4	2035.1
15°	1568.8	1633.5	1690.1	1756.1	1827.6	1866.7	1904.4	1954.3	2000.1	2039.2	2078.3
17.5°	1541.8	1610.6	1680.7	1756.1	1837.0	1876.1	1908.4	1967.7	2016.3	2055.3	2090.4
20°	1509.5	1586.3	1665.8	1749.4	1831.6	1868.0	1899.0	1963.7	2006.8	2048.6	2098.5
22.5°	1474.5	1558.0	1642.9	1725.1	1806.0	1845.1	1881.5	1938.1	1985.3	2041.9	2106.6
25°	1434.0	1525.7	1611.9	1694.1	1771.0	1807.4	1839.7	1901.7	1967.7	2039.2	2112.0
27.5°	1393.6	1482.5	1566.1	1641.6	1725.1	1758.8	1791.2	1869.4	1947.5	2023.0	2122.7
30°	1349.1	1439.4	1512.2	1582.3	1663.1	1698.2	1738.6	1827.6	1916.5	2019.0	2140.3
32.5°	1299.2	1381.5	1448.9	1521.6	1594.4	1637.5	1688.8	1785.8	1888.2	2010.9	2165.9
35°	1249.4	1315.4	1377.4	1446.2	1533.8	1579.6	1629.5	1731.9	1859.9	2006.8	2187.4
37.5°	1186.0	1249.4	1297.9	1368.0	1458.3	1512.2	1562.1	1680.7	1826.2	1997.4	2186.1
40°	1121.3	1175.3	1221.1	1293.9	1392.2	1442.1	1496.0	1625.4	1791.2	1970.4	2153.7
42.5°	1051.3	1097.1	1147.0	1217.0	1312.7	1361.2	1423.2	1574.2	1742.7	1932.7	2070.2
45°	977.1	1021.6	1063.4	1136.2	1231.9	1284.4	1351.8	1506.8	1683.4	1853.2	1935.4
47.5°	904.4	943.4	987.9	1051.3	1148.3	1206.3	1275.0	1440.8	1603.8	1746.7	1753.4
50°	834.3	865.3	903.0	967.7	1068.8	1124.0	1195.5	1350.5	1509.5	1607.9	1541.8
52.5°	761.5	789.8	828.9	885.5	979.8	1044.5	1106.5	1261.5	1394.9	1461.0	1339.7
55°	690.1	714.3	754.8	818.1	900.3	950.2	1013.5	1157.7	1275.0	1276.3	1144.3
57.5°	620.0	641.5	675.2	731.8	808.7	866.6	924.6	1049.9	1129.4	1106.5	959.6
60°	558.0	571.5	602.5	657.7	729.1	770.9	832.9	938.0	990.6	948.8	791.1
62.5°	493.3	506.8	531.0	575.5	642.9	687.4	726.4	812.7	849.1	785.7	656.4
65°	428.6	444.8	462.3	497.3	560.7	590.3	625.4	688.7	723.8	649.6	537.8
67.5°	372.0	380.1	397.6	434.0	478.5	505.4	529.7	572.8	579.5	520.2	428.6
70°	319.4	322.1	338.3	359.9	393.5	409.7	429.9	455.5	455.5	407.0	334.2
72.5°	260.1	264.2	276.3	299.2	319.4	327.5	334.2	350.4	347.7	303.2	253.4
75°	208.9	211.6	221.0	231.8	239.9	254.7	260.1	257.4	256.1	218.3	190.0
77.5°	161.7	163.1	169.8	179.3	180.6	186.0	181.9	181.9	169.8	148.3	133.4
80°	118.6	120.0	122.6	125.3	125.3	125.3	125.3	118.6	110.5	97.0	93.0
82.5°	79.5	79.5	80.9	83.6	82.2	79.5	76.8	70.1	64.7	60.6	58.0
85°	47.2	47.2	48.5	47.2	41.8	40.4	37.7	36.4	35.0	33.7	33.7
87.5°	22.9	21.6	18.9	16.2	16.2	16.2	16.2	16.2	16.2	14.8	14.8
90°	0.6	1.6	2.6	3.7	4.7	5.2	5.6	6.5	7.4	8.3	9.2
92.5°	17.2	17.8	18.5	19.1	19.8	20.1	20.7	21.8	23.0	24.1	25.3
95°	37.3	37.6	37.8	38.1	38.4	38.5	39.1	40.4	41.7	42.9	44.2
97.5°	57.4	57.5	57.7	57.8	57.9	58.0	58.9	60.7	62.4	64.2	66.0
100°	80.4	80.4	80.4	80.4	80.4	80.4	81.2	82.9	84.5	86.2	87.8
102.5°	105.1	105.7	106.3	107.0	107.6	107.9	108.2	108.9	109.5	110.2	110.8
105°	130.9	131.5	132.2	132.8	133.5	133.8	134.2	134.9	135.7	136.4	137.2
107.5°	159.0	159.6	160.3	160.9	161.6	161.9	162.2	162.9	163.5	164.2	164.8
110°	188.3	188.9	189.6	190.2	190.9	191.2	191.4	191.8	192.1	192.5	192.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	218.2	218.4	218.7	218.9	219.2	219.3	219.6	220.1	220.6	221.1	221.6
115°	247.4	247.9	248.4	248.9	249.4	249.7	249.8	250.1	250.4	250.6	250.9
117.5°	277.3	277.4	277.6	277.7	277.8	277.9	278.0	278.3	278.5	278.8	279.0
120°	304.8	305.4	306.1	306.7	307.4	307.7	307.8	307.9	308.0	308.2	308.3
122.5°	334.7	334.8	335.0	335.1	335.2	335.3	335.5	335.9	336.2	336.6	337.0
125°	361.1	361.9	362.6	363.4	364.1	364.5	364.6	364.7	364.8	365.0	365.1
127.5°	390.4	390.8	391.2	391.5	391.9	392.1	392.2	392.3	392.4	392.6	392.7
130°	416.2	416.8	417.5	418.1	418.8	419.1	419.2	419.5	419.7	420.0	420.2
132.5°	442.0	443.2	444.3	445.5	446.6	447.2	447.1	447.0	446.9	446.7	446.6
135°	469.6	470.4	471.1	471.9	472.6	473.0	473.1	473.2	473.3	473.5	473.6
137.5°	495.4	496.2	497.0	497.7	498.5	498.9	499.0	499.3	499.5	499.8	500.0
140°	520.1	520.7	521.4	522.0	522.7	523.0	523.2	523.6	523.9	524.3	524.7
142.5°	544.8	545.3	545.8	546.3	546.8	547.1	547.4	547.9	548.4	548.9	549.4
145°	568.9	569.4	569.9	570.4	570.9	571.2	571.4	571.8	572.1	572.5	572.9
147.5°	591.3	591.7	592.1	592.4	592.8	593.0	593.1	593.4	593.7	593.9	594.2
150°	613.7	613.6	613.4	613.3	613.2	613.1	613.4	613.9	614.4	614.9	615.4
152.5°	632.1	632.3	632.6	632.8	633.1	633.2	633.3	633.4	633.5	633.7	633.8
155°	651.0	651.0	651.0	651.0	651.0	651.0	651.1	651.2	651.3	651.5	651.6
157.5°	668.2	668.0	667.7	667.5	667.2	667.1	667.2	667.3	667.4	667.6	667.7
160°	683.2	682.8	682.4	682.0	681.6	681.4	681.5	681.6	681.7	681.9	682.0
162.5°	696.4	696.1	695.9	695.6	695.3	695.2	695.2	695.2	695.2	695.2	695.2
165°	707.8	707.6	707.3	707.1	706.8	706.7	706.8	706.9	707.0	707.2	707.3
167.5°	718.2	717.7	717.2	716.7	716.2	715.9	715.9	715.9	715.9	715.9	715.9
170°	726.2	725.7	725.2	724.7	724.2	723.9	723.9	723.9	723.9	723.9	723.9
172.5°	732.0	731.5	731.0	730.5	730.0	729.7	729.7	729.7	729.7	729.7	729.7
175°	736.0	735.5	735.0	734.5	734.0	733.7	733.7	733.7	733.7	733.7	733.7
177.5°	738.8	738.3	737.8	737.3	736.8	736.5	736.4	736.3	736.2	736.1	736.0
180°	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1713.0	1722.4	1730.5	1726.5	1742.7	1741.3	1744.0	1749.4	1750.8	1748.1	1742.7
5°	1806.0	1819.5	1842.4	1854.5	1851.8	1862.6	1868.0	1876.1	1884.2	1881.5	1881.5
7.5°	1909.8	1928.7	1951.6	1982.6	1986.6	1996.0	2012.2	2012.2	2021.7	2017.6	2016.3
10°	2000.1	2023.0	2059.4	2083.6	2094.4	2099.8	2116.0	2121.4	2132.2	2133.5	2133.5
12.5°	2074.2	2114.6	2138.9	2163.2	2168.6	2176.6	2188.8	2196.9	2200.9	2200.9	2196.9
15°	2113.3	2145.6	2174.0	2199.6	2214.4	2221.1	2233.3	2242.7	2248.1	2260.2	2262.9
17.5°	2129.5	2168.6	2214.4	2250.8	2276.4	2283.1	2307.4	2315.5	2326.2	2331.6	2338.4
20°	2152.4	2209.0	2264.3	2308.7	2333.0	2350.5	2376.1	2413.9	2424.6	2424.6	2420.6
22.5°	2172.6	2245.4	2320.9	2392.3	2412.5	2447.5	2494.7	2535.2	2551.3	2558.1	2552.7
25°	2196.9	2296.6	2395.0	2483.9	2539.2	2564.8	2628.1	2676.7	2695.5	2706.3	2709.0
27.5°	2238.6	2364.0	2489.3	2602.5	2659.1	2688.8	2754.8	2796.6	2819.5	2829.0	2822.2
30°	2285.8	2439.5	2585.0	2686.1	2723.8	2760.2	2803.4	2819.5	2814.1	2814.1	2834.4
32.5°	2334.3	2493.4	2622.8	2688.8	2702.3	2696.9	2679.4	2630.8	2602.5	2602.5	2620.1
35°	2361.3	2498.8	2564.8	2543.2	2490.7	2459.7	2364.0	2310.1	2249.4	2245.4	2265.6
37.5°	2346.5	2405.8	2378.8	2237.3	2165.9	2106.6	1957.0	1897.7	1853.2	1791.2	1886.9
40°	2242.7	2222.5	2082.3	1878.8	1799.3	1715.7	1597.1	1537.8	1475.8	1466.4	1489.3
42.5°	2067.5	1947.5	1742.7	1545.9	1465.0	1405.7	1315.4	1257.5	1218.4	1202.2	1229.2
45°	1849.1	1660.5	1455.6	1299.2	1210.3	1179.3	1097.1	1045.9	1016.2	1004.1	1023.0
47.5°	1582.3	1392.2	1198.2	1066.1	1013.5	982.5	927.3	882.8	857.2	849.1	857.2
50°	1343.7	1148.3	985.2	900.3	853.1	827.5	781.7	753.4	733.2	727.8	741.3
52.5°	1137.5	959.6	835.6	760.1	729.1	707.6	675.2	651.0	638.8	633.5	642.9
55°	952.9	808.7	708.9	644.2	621.3	607.8	579.5	566.1	552.6	551.2	560.7
57.5°	789.8	690.1	598.4	552.6	545.8	525.6	501.4	489.2	482.5	481.2	485.2
60°	657.7	568.8	513.5	473.1	463.6	447.5	434.0	425.9	417.8	415.1	417.8
62.5°	547.2	477.1	432.6	405.7	392.2	388.2	373.3	363.9	362.5	362.5	365.2
65°	451.5	392.2	363.9	342.3	332.9	328.9	318.1	311.3	312.7	312.7	314.0
67.5°	367.9	324.8	299.2	288.4	280.3	279.0	268.2	265.5	262.8	262.8	265.5
70°	292.5	265.5	246.6	241.3	239.9	230.5	226.4	225.1	221.0	222.4	222.4
72.5°	229.1	211.6	200.8	192.7	194.1	188.7	183.3	183.3	180.6	184.6	184.6
75°	169.8	161.7	153.6	151.0	153.6	151.0	146.9	145.6	146.9	145.6	145.6
77.5°	125.3	121.3	118.6	117.3	117.3	111.9	109.2	111.9	106.5	109.2	109.2
80°	87.6	82.2	80.9	78.2	79.5	75.5	76.8	74.1	74.1	74.1	74.1
82.5°	55.3	53.9	53.9	53.9	52.6	52.6	52.6	52.6	52.6	52.6	51.2
85°	33.7	32.3	32.3	32.3	31.0	31.0	31.0	31.0	31.0	31.0	31.0
87.5°	13.5	14.8	14.8	16.2	14.8	13.5	13.5	13.5	14.8	14.8	13.5
90°	9.8	10.5	11.1	11.8	12.1	12.3	12.7	13.0	13.4	13.8	13.4
92.5°	26.2	27.1	28.0	28.9	29.3	29.4	29.7	29.9	30.2	30.4	30.2
95°	45.1	46.0	46.9	47.8	48.2	48.3	48.6	48.9	49.1	49.4	49.1
97.5°	66.8	67.6	68.3	69.1	69.5	69.6	69.7	69.8	69.9	70.0	69.9
100°	89.0	90.1	91.3	92.4	93.0	93.1	93.4	93.6	93.9	94.1	93.9
102.5°	112.1	113.3	114.6	115.9	116.5	116.7	117.1	117.5	117.9	118.3	117.9
105°	138.0	138.8	139.5	140.3	140.7	140.9	141.3	141.6	142.0	142.4	142.0
107.5°	165.2	165.6	165.9	166.3	166.5	166.5	166.5	166.5	166.5	166.5	166.5
110°	193.3	193.7	194.0	194.4	194.6	194.5	194.4	194.3	194.1	194.0	194.1

TEST NUMBER: P1028517

CATALOG NUMBER: S125RDIP-B1090D610UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	221.7	221.9	222.0	222.1	222.2	222.1	221.8	221.5	221.3	221.0	221.3
115°	250.8	250.6	250.5	250.4	250.3	250.2	250.1	250.0	249.8	249.7	249.8
117.5°	279.1	279.3	279.4	279.5	279.6	279.3	278.8	278.3	277.8	277.3	277.8
120°	308.3	308.3	308.3	308.3	308.3	308.0	307.5	307.0	306.5	306.0	306.5
122.5°	336.9	336.7	336.6	336.5	336.4	336.2	335.8	335.5	335.1	334.7	335.1
125°	364.9	364.6	364.4	364.1	364.0	363.9	363.8	363.7	363.5	363.4	363.5
127.5°	392.6	392.4	392.3	392.2	392.1	392.0	391.7	391.5	391.2	391.0	391.2
130°	420.1	420.0	419.9	419.8	419.7	419.6	419.3	419.0	418.8	418.5	418.8
132.5°	446.5	446.4	446.3	446.2	446.1	445.9	445.5	445.1	444.7	444.3	444.7
135°	473.6	473.6	473.6	473.6	473.6	473.3	472.8	472.3	471.8	471.3	471.8
137.5°	500.1	500.3	500.4	500.5	500.6	500.3	499.6	499.0	498.3	497.7	498.3
140°	525.0	525.2	525.5	525.8	525.9	525.6	524.9	524.3	523.6	523.0	523.6
142.5°	549.5	549.7	549.8	549.9	550.0	549.7	549.0	548.4	547.7	547.1	547.7
145°	572.9	572.9	572.9	572.9	572.9	572.7	572.3	572.0	571.6	571.2	571.6
147.5°	594.6	595.0	595.3	595.7	595.9	595.4	594.4	593.3	592.3	591.3	592.3
150°	615.4	615.4	615.4	615.4	615.4	615.3	615.0	614.8	614.5	614.3	614.5
152.5°	634.2	634.6	634.9	635.3	635.5	635.2	634.7	634.2	633.7	633.2	633.7
155°	652.1	652.6	653.1	653.6	653.9	653.6	652.9	652.3	651.6	651.0	651.6
157.5°	668.2	668.7	669.2	669.7	670.0	669.5	668.6	667.7	666.8	665.9	666.8
160°	682.5	683.0	683.5	684.0	684.3	684.0	683.3	682.7	682.0	681.4	682.0
162.5°	695.8	696.5	697.1	697.8	698.1	697.7	696.9	696.2	695.4	694.6	695.4
165°	707.8	708.3	708.8	709.3	709.6	709.2	708.4	707.7	706.9	706.1	706.9
167.5°	716.7	717.4	718.2	718.9	719.3	718.9	718.2	717.4	716.7	715.9	716.7
170°	724.7	725.5	726.2	727.0	727.4	726.9	726.0	725.1	724.2	723.3	724.2
172.5°	730.5	731.2	732.0	732.7	733.1	732.7	732.0	731.2	730.5	729.7	730.5
175°	734.5	735.2	736.0	736.7	737.1	736.7	735.8	734.9	734.0	733.1	734.0
177.5°	736.8	737.5	738.3	739.0	739.4	739.0	738.1	737.2	736.3	735.4	736.3
180°	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7

TEST NUMBER: P1028517

CATALOG NUMBER: S125RDIP-B1090D610UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1749.4	1740.0	1744.0	1740.0	1735.9	1731.9	1722.4	1709.0	1698.2	1690.1	1688.8
5°	1884.2	1872.0	1864.0	1859.9	1851.8	1841.1	1823.5	1803.3	1779.1	1769.6	1750.8
7.5°	2008.2	2004.1	1985.3	1982.6	1977.2	1957.0	1927.3	1900.4	1869.4	1843.7	1819.5
10°	2125.4	2116.0	2102.5	2083.6	2081.0	2055.3	2027.0	1989.3	1948.9	1924.6	1881.5
12.5°	2198.2	2187.4	2172.6	2160.5	2153.7	2137.6	2098.5	2060.7	2024.3	1979.9	1942.1
15°	2250.8	2237.3	2210.3	2200.9	2192.8	2171.3	2143.0	2103.9	2055.3	2024.3	1970.4
17.5°	2322.2	2306.0	2279.1	2261.6	2246.7	2213.0	2172.6	2120.0	2074.2	2039.2	1990.7
20°	2404.4	2380.2	2345.1	2322.2	2300.6	2261.6	2204.9	2143.0	2076.9	2033.8	1983.9
22.5°	2540.5	2494.7	2439.5	2407.1	2377.5	2310.1	2242.7	2165.9	2091.7	2027.0	1966.4
25°	2672.6	2626.8	2558.1	2513.6	2467.8	2389.6	2300.6	2194.2	2099.8	2024.3	1944.8
27.5°	2795.3	2748.1	2684.8	2630.8	2586.4	2469.1	2351.9	2231.9	2112.0	2008.2	1927.3
30°	2823.6	2803.4	2754.8	2707.7	2667.2	2559.4	2423.3	2271.0	2126.8	1993.3	1903.0
32.5°	2652.4	2702.3	2714.4	2707.7	2682.1	2605.2	2479.9	2319.5	2148.3	1986.6	1862.6
35°	2296.6	2386.9	2479.9	2529.8	2554.0	2564.8	2490.7	2343.8	2163.2	1975.8	1835.7
37.5°	1904.4	1992.0	2138.9	2213.0	2295.2	2403.1	2432.7	2338.4	2156.4	1967.7	1792.5
40°	1564.8	1676.6	1797.9	1865.3	1936.7	2130.8	2277.7	2266.9	2134.9	1938.1	1758.8
42.5°	1273.6	1343.7	1450.2	1524.3	1611.9	1828.9	2025.7	2122.7	2070.2	1901.7	1715.7
45°	1062.0	1116.0	1191.4	1266.9	1320.8	1517.6	1750.8	1909.8	1959.7	1837.0	1649.7
47.5°	894.9	935.4	1001.4	1048.6	1106.5	1261.5	1463.7	1687.4	1792.5	1745.4	1579.6
50°	766.9	799.2	851.8	881.4	932.7	1066.1	1219.7	1454.2	1613.3	1618.7	1486.6
52.5°	655.0	687.4	731.8	757.4	788.4	878.7	1033.7	1231.9	1415.2	1482.5	1380.1
55°	570.1	589.0	625.4	645.6	673.9	761.5	859.9	1028.3	1219.7	1330.2	1265.6
57.5°	491.9	512.2	535.1	551.2	571.5	641.5	730.5	857.2	1047.2	1167.2	1145.6
60°	428.6	440.7	462.3	474.4	493.3	539.1	601.1	727.8	878.7	992.0	1004.1
62.5°	369.3	380.1	394.9	405.7	417.8	454.2	500.0	590.3	722.4	845.1	861.2
65°	318.1	327.5	335.6	345.0	354.5	377.4	416.5	486.5	589.0	703.5	738.6
67.5°	272.2	274.9	287.1	288.4	293.8	311.3	339.6	396.2	470.4	562.0	607.8
70°	227.8	233.2	235.9	239.9	245.3	257.4	280.3	310.0	365.2	439.4	482.5
72.5°	184.6	186.0	190.0	192.7	198.1	207.6	218.3	241.3	276.3	330.2	369.3
75°	146.9	148.3	151.0	152.3	156.3	159.0	164.4	180.6	204.9	237.2	265.5
77.5°	110.5	113.2	115.9	115.9	117.3	120.0	122.6	128.0	140.2	161.7	186.0
80°	75.5	76.8	76.8	78.2	76.8	80.9	84.9	91.6	97.0	103.8	115.9
82.5°	52.6	52.6	52.6	53.9	53.9	55.3	55.3	56.6	58.0	62.0	67.4
85°	32.3	32.3	33.7	31.0	32.3	33.7	33.7	32.3	33.7	35.0	36.4
87.5°	13.5	13.5	14.8	14.8	14.8	14.8	13.5	14.8	13.5	14.8	14.8
90°	13.0	12.7	12.3	12.1	11.8	11.1	10.5	9.8	9.2	8.3	7.4
92.5°	29.9	29.7	29.4	29.3	28.9	28.0	27.1	26.2	25.3	24.1	23.0
95°	48.9	48.6	48.3	48.2	47.8	46.9	46.0	45.1	44.2	42.9	41.7
97.5°	69.8	69.7	69.6	69.5	69.1	68.3	67.6	66.8	66.0	64.2	62.4
100°	93.6	93.4	93.1	93.0	92.4	91.3	90.1	89.0	87.8	86.2	84.5
102.5°	117.5	117.1	116.7	116.5	115.9	114.6	113.3	112.1	110.8	110.2	109.5
105°	141.6	141.3	140.9	140.7	140.3	139.5	138.8	138.0	137.2	136.4	135.7
107.5°	166.5	166.5	166.5	166.5	166.3	165.9	165.6	165.2	164.8	164.2	163.5
110°	194.3	194.4	194.5	194.6	194.4	194.0	193.7	193.3	192.9	192.5	192.1

TEST NUMBER: P1028517

CATALOG NUMBER: S125RDIP-B1090D610UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	221.5	221.8	222.1	222.2	222.1	222.0	221.9	221.7	221.6	221.1	220.6
115°	250.0	250.1	250.2	250.3	250.4	250.5	250.6	250.8	250.9	250.6	250.4
117.5°	278.3	278.8	279.3	279.6	279.5	279.4	279.3	279.1	279.0	278.8	278.5
120°	307.0	307.5	308.0	308.3	308.3	308.3	308.3	308.3	308.3	308.2	308.0
122.5°	335.5	335.8	336.2	336.4	336.5	336.6	336.7	336.9	337.0	336.6	336.2
125°	363.7	363.8	363.9	364.0	364.1	364.4	364.6	364.9	365.1	365.0	364.8
127.5°	391.5	391.7	392.0	392.1	392.2	392.3	392.4	392.6	392.7	392.6	392.4
130°	419.0	419.3	419.6	419.7	419.8	419.9	420.0	420.1	420.2	420.0	419.7
132.5°	445.1	445.5	445.9	446.1	446.2	446.3	446.4	446.5	446.6	446.7	446.9
135°	472.3	472.8	473.3	473.6	473.6	473.6	473.6	473.6	473.6	473.5	473.3
137.5°	499.0	499.6	500.3	500.6	500.5	500.4	500.3	500.1	500.0	499.8	499.5
140°	524.3	524.9	525.6	525.9	525.8	525.5	525.2	525.0	524.7	524.3	523.9
142.5°	548.4	549.0	549.7	550.0	549.9	549.8	549.7	549.5	549.4	548.9	548.4
145°	572.0	572.3	572.7	572.9	572.9	572.9	572.9	572.9	572.9	572.5	572.1
147.5°	593.3	594.4	595.4	595.9	595.7	595.3	595.0	594.6	594.2	593.9	593.7
150°	614.8	615.0	615.3	615.4	615.4	615.4	615.4	615.4	615.4	614.9	614.4
152.5°	634.2	634.7	635.2	635.5	635.3	634.9	634.6	634.2	633.8	633.7	633.5
155°	652.3	652.9	653.6	653.9	653.6	653.1	652.6	652.1	651.6	651.5	651.3
157.5°	667.7	668.6	669.5	670.0	669.7	669.2	668.7	668.2	667.7	667.6	667.4
160°	682.7	683.3	684.0	684.3	684.0	683.5	683.0	682.5	682.0	681.9	681.7
162.5°	696.2	696.9	697.7	698.1	697.8	697.1	696.5	695.8	695.2	695.2	695.2
165°	707.7	708.4	709.2	709.6	709.3	708.8	708.3	707.8	707.3	707.2	707.0
167.5°	717.4	718.2	718.9	719.3	718.9	718.2	717.4	716.7	715.9	715.9	715.9
170°	725.1	726.0	726.9	727.4	727.0	726.2	725.5	724.7	723.9	723.9	723.9
172.5°	731.2	732.0	732.7	733.1	732.7	732.0	731.2	730.5	729.7	729.7	729.7
175°	734.9	735.8	736.7	737.1	736.7	736.0	735.2	734.5	733.7	733.7	733.7
177.5°	737.2	738.1	739.0	739.4	739.0	738.3	737.5	736.8	736.0	736.1	736.2
180°	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7

TEST NUMBER: P1028517

CATALOG NUMBER: S125RDIP-B1090D610UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1684.7	1676.6	1671.2	1669.9	1661.8	1655.1	1647.0	1645.6	1641.6	1630.8	1624.1
5°	1737.3	1718.4	1714.4	1702.2	1682.0	1667.2	1648.3	1637.5	1625.4	1605.2	1589.0
7.5°	1791.2	1765.6	1746.7	1729.2	1700.9	1673.9	1647.0	1625.4	1603.8	1574.2	1549.9
10°	1843.7	1804.7	1781.7	1756.1	1717.1	1676.6	1638.9	1607.9	1572.8	1537.8	1502.8
12.5°	1892.3	1842.4	1808.7	1772.3	1723.8	1673.9	1625.4	1582.3	1545.9	1498.7	1459.6
15°	1921.9	1866.7	1833.0	1797.9	1725.1	1669.9	1613.3	1558.0	1509.5	1459.6	1423.2
17.5°	1939.4	1877.4	1839.7	1807.4	1733.2	1657.8	1585.0	1525.7	1473.1	1413.8	1365.3
20°	1931.4	1870.7	1835.7	1804.7	1718.4	1642.9	1564.8	1496.0	1430.0	1369.3	1318.1
22.5°	1913.8	1850.5	1811.4	1783.1	1706.3	1617.3	1531.1	1456.9	1388.2	1327.6	1269.6
25°	1876.1	1814.1	1780.4	1745.4	1669.9	1585.0	1497.4	1417.9	1345.1	1280.4	1215.7
27.5°	1842.4	1766.9	1731.9	1700.9	1621.4	1545.9	1459.6	1372.0	1297.9	1230.5	1165.8
30°	1803.3	1718.4	1680.7	1638.9	1567.5	1496.0	1409.8	1328.9	1252.1	1180.6	1118.6
32.5°	1761.5	1663.1	1620.0	1572.8	1500.1	1432.7	1359.9	1280.4	1203.6	1133.5	1068.8
35°	1707.6	1602.5	1552.6	1508.2	1432.7	1365.3	1297.9	1231.9	1155.0	1080.9	1018.9
37.5°	1656.4	1540.5	1487.9	1436.7	1357.2	1292.5	1237.3	1175.3	1101.1	1029.7	970.4
40°	1598.5	1465.0	1411.1	1363.9	1281.7	1210.3	1160.4	1111.9	1047.2	978.5	913.8
42.5°	1545.9	1394.9	1338.3	1289.8	1203.6	1136.2	1089.0	1048.6	992.0	928.6	862.6
45°	1473.1	1319.5	1261.5	1210.3	1122.7	1059.3	1010.8	975.8	931.3	872.0	812.7
47.5°	1405.7	1246.7	1183.3	1121.3	1041.8	977.1	932.7	905.7	876.0	823.5	762.8
50°	1323.5	1163.1	1098.4	1047.2	956.9	901.7	857.2	838.3	811.4	761.5	713.0
52.5°	1234.6	1082.3	1021.6	959.6	876.0	822.1	783.1	761.5	739.9	703.5	657.7
55°	1130.8	992.0	935.4	880.1	796.5	746.7	711.6	688.7	676.6	642.9	609.2
57.5°	1031.0	900.3	847.7	796.5	723.8	667.1	644.2	624.0	606.5	582.2	553.9
60°	930.0	811.4	754.8	708.9	645.6	594.4	575.5	555.3	541.8	522.9	502.7
62.5°	814.1	713.0	669.8	626.7	572.8	532.4	510.8	494.6	477.1	465.0	447.5
65°	691.4	620.0	578.2	545.8	494.6	458.2	442.1	431.3	416.5	404.3	390.9
67.5°	576.8	520.2	502.7	467.7	428.6	396.2	384.1	370.6	358.5	351.8	339.6
70°	466.3	425.9	408.4	398.9	355.8	334.2	323.5	318.1	303.2	296.5	288.4
72.5°	361.2	346.4	334.2	322.1	293.8	280.3	268.2	262.8	252.0	246.6	243.9
75°	266.9	257.4	250.7	249.3	237.2	223.7	211.6	208.9	200.8	195.4	192.7
77.5°	187.3	184.6	183.3	184.6	176.6	168.5	165.8	163.1	153.6	152.3	152.3
80°	122.6	129.4	129.4	128.0	125.3	124.0	120.0	117.3	111.9	110.5	111.9
82.5°	75.5	79.5	80.9	83.6	82.2	80.9	78.2	76.8	78.2	75.5	76.8
85°	37.7	40.4	45.8	45.8	47.2	47.2	47.2	45.8	43.1	44.5	43.1
87.5°	14.8	16.2	16.2	16.2	14.8	18.9	20.2	20.2	20.2	17.5	17.5
90°	6.5	5.6	5.2	4.7	3.7	2.6	1.6	0.6	1.6	2.6	3.7
92.5°	21.8	20.7	20.1	19.8	19.1	18.5	17.8	17.2	17.8	18.5	19.1
95°	40.4	39.1	38.5	38.4	38.1	37.8	37.6	37.3	37.6	37.8	38.1
97.5°	60.7	58.9	58.0	57.9	57.8	57.7	57.5	57.4	57.5	57.7	57.8
100°	82.9	81.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
102.5°	108.9	108.2	107.9	107.6	107.0	106.3	105.7	105.1	105.7	106.3	107.0
105°	134.9	134.2	133.8	133.5	132.8	132.2	131.5	130.9	131.5	132.2	132.8
107.5°	162.9	162.2	161.9	161.6	160.9	160.3	159.6	159.0	159.6	160.3	160.9
110°	191.8	191.4	191.2	190.9	190.2	189.6	188.9	188.3	188.9	189.6	190.2

TEST NUMBER: P1028517

CATALOG NUMBER: S125RDIP-B1090D610UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	220.1	219.6	219.3	219.2	218.9	218.7	218.4	218.2	218.4	218.7	218.9
115°	250.1	249.8	249.7	249.4	248.9	248.4	247.9	247.4	247.9	248.4	248.9
117.5°	278.3	278.0	277.9	277.8	277.7	277.6	277.4	277.3	277.4	277.6	277.7
120°	307.9	307.8	307.7	307.4	306.7	306.1	305.4	304.8	305.4	306.1	306.7
122.5°	335.9	335.5	335.3	335.2	335.1	335.0	334.8	334.7	334.8	335.0	335.1
125°	364.7	364.6	364.5	364.1	363.4	362.6	361.9	361.1	361.9	362.6	363.4
127.5°	392.3	392.2	392.1	391.9	391.5	391.2	390.8	390.4	390.8	391.2	391.5
130°	419.5	419.2	419.1	418.8	418.1	417.5	416.8	416.2	416.8	417.5	418.1
132.5°	447.0	447.1	447.2	446.6	445.5	444.3	443.2	442.0	443.2	444.3	445.5
135°	473.2	473.1	473.0	472.6	471.9	471.1	470.4	469.6	470.4	471.1	471.9
137.5°	499.3	499.0	498.9	498.5	497.7	497.0	496.2	495.4	496.2	497.0	497.7
140°	523.6	523.2	523.0	522.7	522.0	521.4	520.7	520.1	520.7	521.4	522.0
142.5°	547.9	547.4	547.1	546.8	546.3	545.8	545.3	544.8	545.3	545.8	546.3
145°	571.8	571.4	571.2	570.9	570.4	569.9	569.4	568.9	569.4	569.9	570.4
147.5°	593.4	593.1	593.0	592.8	592.4	592.1	591.7	591.3	591.7	592.1	592.4
150°	613.9	613.4	613.1	613.2	613.3	613.4	613.6	613.7	613.6	613.4	613.3
152.5°	633.4	633.3	633.2	633.1	632.8	632.6	632.3	632.1	632.3	632.6	632.8
155°	651.2	651.1	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0
157.5°	667.3	667.2	667.1	667.2	667.5	667.7	668.0	668.2	668.0	667.7	667.5
160°	681.6	681.5	681.4	681.6	682.0	682.4	682.8	683.2	682.8	682.4	682.0
162.5°	695.2	695.2	695.2	695.3	695.6	695.9	696.1	696.4	696.1	695.9	695.6
165°	706.9	706.8	706.7	706.8	707.1	707.3	707.6	707.8	707.6	707.3	707.1
167.5°	715.9	715.9	715.9	716.2	716.7	717.2	717.7	718.2	717.7	717.2	716.7
170°	723.9	723.9	723.9	724.2	724.7	725.2	725.7	726.2	725.7	725.2	724.7
172.5°	729.7	729.7	729.7	730.0	730.5	731.0	731.5	732.0	731.5	731.0	730.5
175°	733.7	733.7	733.7	734.0	734.5	735.0	735.5	736.0	735.5	735.0	734.5
177.5°	736.3	736.4	736.5	736.8	737.3	737.8	738.3	738.8	738.3	737.8	737.3
180°	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7

TEST NUMBER: P1028517

CATALOG NUMBER: S125RDIP-B1090D610UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1620.0	1614.6	1610.6	1606.5	1589.0	1570.1	1567.5	1563.4	1555.3	1564.8	1560.7
5°	1578.2	1566.1	1559.4	1541.8	1520.3	1504.1	1490.6	1474.5	1467.7	1462.3	1461.0
7.5°	1527.0	1516.2	1504.1	1486.6	1459.6	1432.7	1412.5	1396.3	1382.8	1376.1	1376.1
10°	1477.2	1463.7	1447.5	1417.9	1392.2	1358.6	1337.0	1320.8	1301.9	1291.2	1281.7
12.5°	1425.9	1411.1	1396.3	1358.6	1328.9	1293.9	1262.9	1242.6	1233.2	1221.1	1204.9
15°	1374.7	1351.8	1337.0	1299.2	1261.5	1226.5	1206.3	1184.7	1163.1	1151.0	1145.6
17.5°	1320.8	1304.6	1280.4	1239.9	1198.2	1167.2	1137.5	1117.3	1091.7	1079.6	1067.4
20°	1272.3	1248.0	1223.8	1183.3	1142.9	1101.1	1071.5	1047.2	1031.0	1021.6	1010.8
22.5°	1214.3	1191.4	1171.2	1128.1	1083.6	1044.5	1012.2	997.3	981.2	966.3	955.6
25°	1164.5	1141.6	1121.3	1074.2	1025.7	989.3	965.0	946.1	928.6	921.9	911.1
27.5°	1111.9	1090.3	1063.4	1016.2	973.1	942.1	916.5	899.0	885.5	872.0	863.9
30°	1062.0	1037.8	1013.5	962.3	927.3	896.3	872.0	850.4	839.7	832.9	819.4
32.5°	1013.5	982.5	962.3	915.1	881.4	851.8	831.6	812.7	799.2	787.1	776.3
35°	961.0	927.3	907.0	868.0	832.9	803.3	785.7	772.3	756.1	745.3	739.9
37.5°	911.1	882.8	862.6	822.1	787.1	762.8	744.0	726.4	719.7	704.9	702.2
40°	857.2	832.9	814.1	775.0	742.6	723.8	703.5	687.4	675.2	668.5	659.1
42.5°	808.7	788.4	768.2	731.8	700.8	677.9	663.1	648.3	637.5	626.7	620.0
45°	764.2	742.6	723.8	688.7	657.7	637.5	622.7	605.1	602.5	587.6	580.9
47.5°	717.0	698.1	682.0	645.6	617.3	597.1	579.5	567.4	555.3	549.9	540.5
50°	671.2	652.3	633.5	601.1	575.5	555.3	537.8	524.3	517.5	509.5	501.4
52.5°	621.3	606.5	591.7	558.0	532.4	514.8	500.0	482.5	475.8	469.0	463.6
55°	579.5	558.0	541.8	513.5	490.6	471.7	455.5	442.1	435.3	429.9	423.2
57.5°	522.9	509.5	496.0	470.4	448.8	429.9	413.8	403.0	394.9	390.9	392.2
60°	474.4	459.6	451.5	424.5	403.0	388.2	373.3	362.5	354.5	350.4	349.1
62.5°	423.2	412.4	397.6	378.7	357.2	343.7	332.9	324.8	311.3	310.0	305.9
65°	373.3	365.2	351.8	334.2	316.7	304.6	292.5	281.7	276.3	269.6	265.5
67.5°	324.8	316.7	304.6	289.8	277.6	265.5	254.7	243.9	234.5	229.1	226.4
70°	277.6	270.9	262.8	245.3	230.5	221.0	212.9	206.2	196.8	194.1	192.7
72.5°	231.8	225.1	221.0	206.2	192.7	184.6	176.6	169.8	165.8	164.4	160.4
75°	190.0	183.3	177.9	164.4	156.3	151.0	142.9	140.2	136.1	134.8	133.4
77.5°	148.3	141.5	140.2	130.7	121.3	118.6	115.9	110.5	110.5	110.5	107.8
80°	106.5	105.1	103.8	94.3	90.3	87.6	86.3	82.2	79.5	76.8	75.5
82.5°	71.4	70.1	68.7	64.7	60.6	59.3	58.0	55.3	55.3	56.6	53.9
85°	43.1	40.4	39.1	37.7	35.0	35.0	36.4	35.0	35.0	35.0	33.7
87.5°	16.2	16.2	16.2	16.2	17.5	14.8	16.2	16.2	14.8	14.8	13.5
90°	4.7	5.2	5.6	6.5	7.4	8.3	9.2	9.8	10.5	11.1	11.8
92.5°	19.8	20.1	20.7	21.8	23.0	24.1	25.3	26.2	27.1	28.0	28.9
95°	38.4	38.5	39.1	40.4	41.7	42.9	44.2	45.1	46.0	46.9	47.8
97.5°	57.9	58.0	58.9	60.7	62.4	64.2	66.0	66.8	67.6	68.3	69.1
100°	80.4	80.4	81.2	82.9	84.5	86.2	87.8	89.0	90.1	91.3	92.4
102.5°	107.6	107.9	108.2	108.9	109.5	110.2	110.8	112.1	113.3	114.6	115.9
105°	133.5	133.8	134.2	134.9	135.7	136.4	137.2	138.0	138.8	139.5	140.3
107.5°	161.6	161.9	162.2	162.9	163.5	164.2	164.8	165.2	165.6	165.9	166.3
110°	190.9	191.2	191.4	191.8	192.1	192.5	192.9	193.3	193.7	194.0	194.4

TEST NUMBER: P1028517

CATALOG NUMBER: S125RDIP-B1090D610UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	219.2	219.3	219.6	220.1	220.6	221.1	221.6	221.7	221.9	222.0	222.1
115°	249.4	249.7	249.8	250.1	250.4	250.6	250.9	250.8	250.6	250.5	250.4
117.5°	277.8	277.9	278.0	278.3	278.5	278.8	279.0	279.1	279.3	279.4	279.5
120°	307.4	307.7	307.8	307.9	308.0	308.2	308.3	308.3	308.3	308.3	308.3
122.5°	335.2	335.3	335.5	335.9	336.2	336.6	337.0	336.9	336.7	336.6	336.5
125°	364.1	364.5	364.6	364.7	364.8	365.0	365.1	364.9	364.6	364.4	364.1
127.5°	391.9	392.1	392.2	392.3	392.4	392.6	392.7	392.6	392.4	392.3	392.2
130°	418.8	419.1	419.2	419.5	419.7	420.0	420.2	420.1	420.0	419.9	419.8
132.5°	446.6	447.2	447.1	447.0	446.9	446.7	446.6	446.5	446.4	446.3	446.2
135°	472.6	473.0	473.1	473.2	473.3	473.5	473.6	473.6	473.6	473.6	473.6
137.5°	498.5	498.9	499.0	499.3	499.5	499.8	500.0	500.1	500.3	500.4	500.5
140°	522.7	523.0	523.2	523.6	523.9	524.3	524.7	525.0	525.2	525.5	525.8
142.5°	546.8	547.1	547.4	547.9	548.4	548.9	549.4	549.5	549.7	549.8	549.9
145°	570.9	571.2	571.4	571.8	572.1	572.5	572.9	572.9	572.9	572.9	572.9
147.5°	592.8	593.0	593.1	593.4	593.7	593.9	594.2	594.6	595.0	595.3	595.7
150°	613.2	613.1	613.4	613.9	614.4	614.9	615.4	615.4	615.4	615.4	615.4
152.5°	633.1	633.2	633.3	633.4	633.5	633.7	633.8	634.2	634.6	634.9	635.3
155°	651.0	651.0	651.1	651.2	651.3	651.5	651.6	652.1	652.6	653.1	653.6
157.5°	667.2	667.1	667.2	667.3	667.4	667.6	667.7	668.2	668.7	669.2	669.7
160°	681.6	681.4	681.5	681.6	681.7	681.9	682.0	682.5	683.0	683.5	684.0
162.5°	695.3	695.2	695.2	695.2	695.2	695.2	695.2	695.8	696.5	697.1	697.8
165°	706.8	706.7	706.8	706.9	707.0	707.2	707.3	707.8	708.3	708.8	709.3
167.5°	716.2	715.9	715.9	715.9	715.9	715.9	715.9	716.7	717.4	718.2	718.9
170°	724.2	723.9	723.9	723.9	723.9	723.9	723.9	724.7	725.5	726.2	727.0
172.5°	730.0	729.7	729.7	729.7	729.7	729.7	729.7	730.5	731.2	732.0	732.7
175°	734.0	733.7	733.7	733.7	733.7	733.7	733.7	734.5	735.2	736.0	736.7
177.5°	736.8	736.5	736.4	736.3	736.2	736.1	736.0	736.8	737.5	738.3	739.0
180°	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7

TEST NUMBER: P1028517

CATALOG NUMBER: S125RDIP-B1090D610UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1554.0	1556.7	1549.9	1547.2	1541.8	1548.6	1549.9	1548.6	1560.7	1555.3	1558.0
5°	1463.7	1458.3	1454.2	1444.8	1444.8	1446.2	1450.2	1443.5	1447.5	1456.9	1455.6
7.5°	1363.9	1361.2	1362.6	1351.8	1343.7	1346.4	1343.7	1355.9	1362.6	1359.9	1365.3
10°	1273.6	1279.0	1266.9	1261.5	1256.1	1261.5	1260.2	1262.9	1270.9	1276.3	1285.8
12.5°	1200.9	1199.5	1192.8	1187.4	1177.9	1180.6	1188.7	1186.0	1187.4	1199.5	1198.2
15°	1132.1	1124.0	1118.6	1106.5	1109.2	1099.8	1107.9	1117.3	1121.3	1132.1	1138.9
17.5°	1063.4	1062.0	1055.3	1054.0	1039.1	1035.1	1043.2	1045.9	1049.9	1055.3	1064.7
20°	1005.4	1004.1	994.7	992.0	979.8	987.9	985.2	990.6	993.3	1004.1	1008.1
22.5°	952.9	946.1	943.4	939.4	935.4	934.0	939.4	938.0	947.5	951.5	952.9
25°	904.4	899.0	897.6	890.9	888.2	884.1	888.2	892.2	903.0	907.0	912.4
27.5°	859.9	855.8	853.1	847.7	843.7	843.7	846.4	851.8	855.8	858.5	861.2
30°	819.4	816.7	808.7	806.0	801.9	801.9	801.9	804.6	811.4	819.4	823.5
32.5°	777.7	772.3	766.9	766.9	762.8	762.8	764.2	766.9	773.6	775.0	781.7
35°	737.2	731.8	727.8	725.1	726.4	721.1	723.8	727.8	735.9	738.6	742.6
37.5°	698.1	696.8	688.7	684.7	687.4	687.4	686.0	688.7	694.1	699.5	702.2
40°	655.0	652.3	652.3	648.3	649.6	644.2	648.3	651.0	653.7	659.1	663.1
42.5°	617.3	614.6	609.2	610.5	606.5	606.5	609.2	610.5	614.6	621.3	624.0
45°	576.8	576.8	574.1	570.1	571.5	567.4	570.1	571.5	576.8	583.6	580.9
47.5°	537.8	536.4	536.4	531.0	533.7	529.7	533.7	535.1	537.8	541.8	540.5
50°	500.0	496.0	497.3	496.0	494.6	494.6	497.3	497.3	500.0	500.0	504.1
52.5°	460.9	460.9	458.2	459.6	462.3	459.6	463.6	459.6	462.3	463.6	466.3
55°	425.9	423.2	424.5	423.2	428.6	424.5	428.6	425.9	428.6	427.2	429.9
57.5°	388.2	384.1	385.5	384.1	388.2	386.8	390.9	386.8	388.2	389.5	393.5
60°	345.0	345.0	345.0	342.3	346.4	346.4	345.0	345.0	350.4	353.1	351.8
62.5°	304.6	303.2	299.2	297.9	299.2	296.5	301.9	300.6	303.2	305.9	308.6
65°	260.1	257.4	256.1	253.4	253.4	252.0	253.4	258.8	260.1	261.5	268.2
67.5°	223.7	222.4	221.0	217.0	217.0	219.7	219.7	219.7	227.8	223.7	229.1
70°	191.4	188.7	186.0	184.6	184.6	186.0	187.3	188.7	187.3	192.7	194.1
72.5°	160.4	161.7	159.0	159.0	159.0	157.7	157.7	160.4	161.7	160.4	161.7
75°	133.4	133.4	132.1	133.4	133.4	132.1	132.1	134.8	134.8	133.4	137.5
77.5°	107.8	106.5	103.8	101.1	102.4	101.1	102.4	101.1	105.1	109.2	106.5
80°	75.5	74.1	74.1	74.1	75.5	74.1	76.8	74.1	75.5	75.5	76.8
82.5°	53.9	55.3	55.3	53.9	55.3	53.9	55.3	55.3	55.3	53.9	55.3
85°	35.0	35.0	35.0	35.0	33.7	35.0	35.0	35.0	36.4	35.0	36.4
87.5°	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	16.2	14.8	16.2
90°	12.1	12.3	12.7	13.0	13.4	13.8	13.4	13.0	12.7	12.3	12.1
92.5°	29.3	29.4	29.7	29.9	30.2	30.4	30.2	29.9	29.7	29.4	29.3
95°	48.2	48.3	48.6	48.9	49.1	49.4	49.1	48.9	48.6	48.3	48.2
97.5°	69.5	69.6	69.7	69.8	69.9	70.0	69.9	69.8	69.7	69.6	69.5
100°	93.0	93.1	93.4	93.6	93.9	94.1	93.9	93.6	93.4	93.1	93.0
102.5°	116.5	116.7	117.1	117.5	117.9	118.3	117.9	117.5	117.1	116.7	116.5
105°	140.7	140.9	141.3	141.6	142.0	142.4	142.0	141.6	141.3	140.9	140.7
107.5°	166.5	166.5	166.5	166.5	166.5	166.5	166.5	166.5	166.5	166.5	166.5
110°	194.6	194.5	194.4	194.3	194.1	194.0	194.1	194.3	194.4	194.5	194.6

TEST NUMBER: P1028517

CATALOG NUMBER: S125RDIP-B1090D610UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	222.2	222.1	221.8	221.5	221.3	221.0	221.3	221.5	221.8	222.1	222.2
115°	250.3	250.2	250.1	250.0	249.8	249.7	249.8	250.0	250.1	250.2	250.3
117.5°	279.6	279.3	278.8	278.3	277.8	277.3	277.8	278.3	278.8	279.3	279.6
120°	308.3	308.0	307.5	307.0	306.5	306.0	306.5	307.0	307.5	308.0	308.3
122.5°	336.4	336.2	335.8	335.5	335.1	334.7	335.1	335.5	335.8	336.2	336.4
125°	364.0	363.9	363.8	363.7	363.5	363.4	363.5	363.7	363.8	363.9	364.0
127.5°	392.1	392.0	391.7	391.5	391.2	391.0	391.2	391.5	391.7	392.0	392.1
130°	419.7	419.6	419.3	419.0	418.8	418.5	418.8	419.0	419.3	419.6	419.7
132.5°	446.1	445.9	445.5	445.1	444.7	444.3	444.7	445.1	445.5	445.9	446.1
135°	473.6	473.3	472.8	472.3	471.8	471.3	471.8	472.3	472.8	473.3	473.6
137.5°	500.6	500.3	499.6	499.0	498.3	497.7	498.3	499.0	499.6	500.3	500.6
140°	525.9	525.6	524.9	524.3	523.6	523.0	523.6	524.3	524.9	525.6	525.9
142.5°	550.0	549.7	549.0	548.4	547.7	547.1	547.7	548.4	549.0	549.7	550.0
145°	572.9	572.7	572.3	572.0	571.6	571.2	571.6	572.0	572.3	572.7	572.9
147.5°	595.9	595.4	594.4	593.3	592.3	591.3	592.3	593.3	594.4	595.4	595.9
150°	615.4	615.3	615.0	614.8	614.5	614.3	614.5	614.8	615.0	615.3	615.4
152.5°	635.5	635.2	634.7	634.2	633.7	633.2	633.7	634.2	634.7	635.2	635.5
155°	653.9	653.6	652.9	652.3	651.6	651.0	651.6	652.3	652.9	653.6	653.9
157.5°	670.0	669.5	668.6	667.7	666.8	665.9	666.8	667.7	668.6	669.5	670.0
160°	684.3	684.0	683.3	682.7	682.0	681.4	682.0	682.7	683.3	684.0	684.3
162.5°	698.1	697.7	696.9	696.2	695.4	694.6	695.4	696.2	696.9	697.7	698.1
165°	709.6	709.2	708.4	707.7	706.9	706.1	706.9	707.7	708.4	709.2	709.6
167.5°	719.3	718.9	718.2	717.4	716.7	715.9	716.7	717.4	718.2	718.9	719.3
170°	727.4	726.9	726.0	725.1	724.2	723.3	724.2	725.1	726.0	726.9	727.4
172.5°	733.1	732.7	732.0	731.2	730.5	729.7	730.5	731.2	732.0	732.7	733.1
175°	737.1	736.7	735.8	734.9	734.0	733.1	734.0	734.9	735.8	736.7	737.1
177.5°	739.4	739.0	738.1	737.2	736.3	735.4	736.3	737.2	738.1	739.0	739.4
180°	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7

TEST NUMBER: P1028517

CATALOG NUMBER: S125RDIP-B1090D610UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1552.6	1559.4	1554.0	1549.9	1560.7	1566.1	1566.1	1575.5	1585.0	1593.1	1594.4
5°	1456.9	1467.7	1470.4	1469.1	1485.2	1493.3	1510.8	1520.3	1533.8	1543.2	1554.0
7.5°	1369.3	1384.2	1385.5	1388.2	1412.5	1425.9	1440.8	1465.0	1483.9	1497.4	1509.5
10°	1281.7	1291.2	1300.6	1312.7	1337.0	1359.9	1381.5	1407.1	1431.3	1444.8	1462.3
12.5°	1215.7	1222.4	1233.2	1241.3	1266.9	1287.1	1315.4	1350.5	1385.5	1396.3	1417.9
15°	1147.0	1151.0	1172.6	1180.6	1202.2	1235.9	1253.4	1287.1	1324.9	1345.1	1369.3
17.5°	1067.4	1091.7	1105.2	1114.6	1141.6	1168.5	1196.8	1231.9	1280.4	1299.2	1316.8
20°	1010.8	1028.3	1043.2	1055.3	1079.6	1120.0	1145.6	1173.9	1219.7	1241.3	1266.9
22.5°	961.0	975.8	989.3	1002.7	1018.9	1055.3	1085.0	1124.0	1169.9	1190.1	1219.7
25°	913.8	928.6	936.7	952.9	974.4	1000.0	1035.1	1070.1	1116.0	1138.9	1167.2
27.5°	868.0	882.8	897.6	911.1	925.9	950.2	974.4	1018.9	1066.1	1093.0	1117.3
30°	828.9	835.6	849.1	863.9	878.7	901.7	930.0	961.0	1014.9	1039.1	1068.8
32.5°	785.7	797.9	807.3	818.1	837.0	855.8	881.4	920.5	963.7	986.6	1018.9
35°	745.3	756.1	762.8	781.7	793.8	814.1	839.7	874.7	911.1	936.7	965.0
37.5°	706.2	717.0	725.1	735.9	752.1	769.6	796.5	822.1	865.3	886.8	919.2
40°	665.8	675.2	684.7	696.8	711.6	733.2	749.4	781.7	816.7	841.0	865.3
42.5°	626.7	632.1	642.9	656.4	671.2	690.1	713.0	738.6	773.6	795.2	816.7
45°	584.9	594.4	606.5	615.9	629.4	648.3	668.5	691.4	726.4	748.0	770.9
47.5°	545.8	552.6	560.7	575.5	593.0	606.5	628.1	649.6	682.0	702.2	723.8
50°	505.4	512.2	524.3	533.7	547.2	564.7	584.9	607.8	638.8	652.3	673.9
52.5°	467.7	470.4	482.5	491.9	505.4	525.6	541.8	562.0	591.7	606.5	628.1
55°	429.9	432.6	439.4	448.8	463.6	479.8	497.3	520.2	545.8	559.3	579.5
57.5°	390.9	393.5	400.3	407.0	421.9	436.7	456.9	475.8	501.4	513.5	532.4
60°	351.8	351.8	358.5	367.9	378.7	392.2	409.7	432.6	451.5	466.3	479.8
62.5°	310.0	314.0	318.1	324.8	336.9	353.1	367.9	384.1	407.0	417.8	429.9
65°	268.2	272.2	280.3	287.1	296.5	307.3	326.2	339.6	357.2	369.3	380.1
67.5°	231.8	235.9	241.3	249.3	256.1	268.2	281.7	295.2	314.0	322.1	330.2
70°	194.1	198.1	202.2	212.9	219.7	229.1	238.6	252.0	268.2	273.6	280.3
72.5°	164.4	165.8	171.2	173.9	183.3	191.4	202.2	210.3	222.4	229.1	234.5
75°	138.8	138.8	140.2	142.9	148.3	153.6	161.7	169.8	180.6	184.6	191.4
77.5°	109.2	113.2	111.9	114.6	117.3	120.0	126.7	132.1	142.9	145.6	148.3
80°	78.2	79.5	83.6	87.6	87.6	91.6	95.7	97.0	103.8	107.8	107.8
82.5°	56.6	58.0	56.6	58.0	59.3	60.6	64.7	70.1	70.1	71.4	74.1
85°	35.0	35.0	36.4	37.7	37.7	36.4	39.1	37.7	39.1	41.8	41.8
87.5°	17.5	16.2	16.2	16.2	16.2	16.2	17.5	16.2	17.5	17.5	17.5
90°	11.8	11.1	10.5	9.8	9.2	8.3	7.4	6.5	5.6	5.2	4.7
92.5°	28.9	28.0	27.1	26.2	25.3	24.1	23.0	21.8	20.7	20.1	19.8
95°	47.8	46.9	46.0	45.1	44.2	42.9	41.7	40.4	39.1	38.5	38.4
97.5°	69.1	68.3	67.6	66.8	66.0	64.2	62.4	60.7	58.9	58.0	57.9
100°	92.4	91.3	90.1	89.0	87.8	86.2	84.5	82.9	81.2	80.4	80.4
102.5°	115.9	114.6	113.3	112.1	110.8	110.2	109.5	108.9	108.2	107.9	107.6
105°	140.3	139.5	138.8	138.0	137.2	136.4	135.7	134.9	134.2	133.8	133.5
107.5°	166.3	165.9	165.6	165.2	164.8	164.2	163.5	162.9	162.2	161.9	161.6
110°	194.4	194.0	193.7	193.3	192.9	192.5	192.1	191.8	191.4	191.2	190.9

TEST NUMBER: P1028517

CATALOG NUMBER: S125RDIP-B1090D610UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	222.1	222.0	221.9	221.7	221.6	221.1	220.6	220.1	219.6	219.3	219.2
115°	250.4	250.5	250.6	250.8	250.9	250.6	250.4	250.1	249.8	249.7	249.4
117.5°	279.5	279.4	279.3	279.1	279.0	278.8	278.5	278.3	278.0	277.9	277.8
120°	308.3	308.3	308.3	308.3	308.3	308.2	308.0	307.9	307.8	307.7	307.4
122.5°	336.5	336.6	336.7	336.9	337.0	336.6	336.2	335.9	335.5	335.3	335.2
125°	364.1	364.4	364.6	364.9	365.1	365.0	364.8	364.7	364.6	364.5	364.1
127.5°	392.2	392.3	392.4	392.6	392.7	392.6	392.4	392.3	392.2	392.1	391.9
130°	419.8	419.9	420.0	420.1	420.2	420.0	419.7	419.5	419.2	419.1	418.8
132.5°	446.2	446.3	446.4	446.5	446.6	446.7	446.9	447.0	447.1	447.2	446.6
135°	473.6	473.6	473.6	473.6	473.6	473.5	473.3	473.2	473.1	473.0	472.6
137.5°	500.5	500.4	500.3	500.1	500.0	499.8	499.5	499.3	499.0	498.9	498.5
140°	525.8	525.5	525.2	525.0	524.7	524.3	523.9	523.6	523.2	523.0	522.7
142.5°	549.9	549.8	549.7	549.5	549.4	548.9	548.4	547.9	547.4	547.1	546.8
145°	572.9	572.9	572.9	572.9	572.9	572.5	572.1	571.8	571.4	571.2	570.9
147.5°	595.7	595.3	595.0	594.6	594.2	593.9	593.7	593.4	593.1	593.0	592.8
150°	615.4	615.4	615.4	615.4	615.4	614.9	614.4	613.9	613.4	613.1	613.2
152.5°	635.3	634.9	634.6	634.2	633.8	633.7	633.5	633.4	633.3	633.2	633.1
155°	653.6	653.1	652.6	652.1	651.6	651.5	651.3	651.2	651.1	651.0	651.0
157.5°	669.7	669.2	668.7	668.2	667.7	667.6	667.4	667.3	667.2	667.1	667.2
160°	684.0	683.5	683.0	682.5	682.0	681.9	681.7	681.6	681.5	681.4	681.6
162.5°	697.8	697.1	696.5	695.8	695.2	695.2	695.2	695.2	695.2	695.2	695.3
165°	709.3	708.8	708.3	707.8	707.3	707.2	707.0	706.9	706.8	706.7	706.8
167.5°	718.9	718.2	717.4	716.7	715.9	715.9	715.9	715.9	715.9	715.9	716.2
170°	727.0	726.2	725.5	724.7	723.9	723.9	723.9	723.9	723.9	723.9	724.2
172.5°	732.7	732.0	731.2	730.5	729.7	729.7	729.7	729.7	729.7	729.7	730.0
175°	736.7	736.0	735.2	734.5	733.7	733.7	733.7	733.7	733.7	733.7	734.0
177.5°	739.0	738.3	737.5	736.8	736.0	736.1	736.2	736.3	736.4	736.5	736.8
180°	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7	737.7

TEST NUMBER: P1028517

CATALOG NUMBER: S125RDIP-B1090D610UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1641.6	1641.6	1641.6	1641.6
2.5°	1603.8	1616.0	1628.1	1642.9
5°	1571.5	1593.1	1616.0	1637.5
7.5°	1536.5	1567.5	1597.1	1628.1
10°	1497.4	1536.5	1570.1	1613.3
12.5°	1454.2	1496.0	1543.2	1591.7
15°	1411.1	1463.7	1513.5	1568.8
17.5°	1370.7	1420.5	1475.8	1541.8
20°	1322.2	1377.4	1439.4	1509.5
22.5°	1270.9	1331.6	1399.0	1474.5
25°	1227.8	1289.8	1354.5	1434.0
27.5°	1180.6	1245.3	1308.7	1393.6
30°	1126.7	1196.8	1261.5	1349.1
32.5°	1075.5	1145.6	1217.0	1299.2
35°	1025.7	1094.4	1165.8	1249.4
37.5°	978.5	1040.5	1110.6	1186.0
40°	934.0	990.6	1052.6	1121.3
42.5°	877.4	943.4	1001.4	1051.3
45°	828.9	882.8	936.7	977.1
47.5°	772.3	826.2	872.0	904.4
50°	725.1	768.2	806.0	834.3
52.5°	668.5	708.9	739.9	761.5
55°	613.2	648.3	675.2	690.1
57.5°	563.4	586.3	606.5	620.0
60°	508.1	525.6	543.2	558.0
62.5°	448.8	467.7	477.1	493.3
65°	396.2	408.4	423.2	428.6
67.5°	345.0	351.8	361.2	372.0
70°	291.1	295.2	304.6	319.4
72.5°	243.9	248.0	254.7	260.1
75°	194.1	198.1	203.5	208.9
77.5°	152.3	153.6	156.3	161.7
80°	110.5	114.6	117.3	118.6
82.5°	76.8	78.2	78.2	79.5
85°	48.5	45.8	45.8	47.2
87.5°	17.5	20.2	20.2	22.9
90°	3.7	2.6	1.6	0.6
92.5°	19.1	18.5	17.8	17.2
95°	38.1	37.8	37.6	37.3
97.5°	57.8	57.7	57.5	57.4
100°	80.4	80.4	80.4	80.4
102.5°	107.0	106.3	105.7	105.1
105°	132.8	132.2	131.5	130.9
107.5°	160.9	160.3	159.6	159.0
110°	190.2	189.6	188.9	188.3

TEST NUMBER: P1028517

CATALOG NUMBER: S125RDIP-B1090D610UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	218.9	218.7	218.4	218.2
115°	248.9	248.4	247.9	247.4
117.5°	277.7	277.6	277.4	277.3
120°	306.7	306.1	305.4	304.8
122.5°	335.1	335.0	334.8	334.7
125°	363.4	362.6	361.9	361.1
127.5°	391.5	391.2	390.8	390.4
130°	418.1	417.5	416.8	416.2
132.5°	445.5	444.3	443.2	442.0
135°	471.9	471.1	470.4	469.6
137.5°	497.7	497.0	496.2	495.4
140°	522.0	521.4	520.7	520.1
142.5°	546.3	545.8	545.3	544.8
145°	570.4	569.9	569.4	568.9
147.5°	592.4	592.1	591.7	591.3
150°	613.3	613.4	613.6	613.7
152.5°	632.8	632.6	632.3	632.1
155°	651.0	651.0	651.0	651.0
157.5°	667.5	667.7	668.0	668.2
160°	682.0	682.4	682.8	683.2
162.5°	695.6	695.9	696.1	696.4
165°	707.1	707.3	707.6	707.8
167.5°	716.7	717.2	717.7	718.2
170°	724.7	725.2	725.7	726.2
172.5°	730.5	731.0	731.5	732.0
175°	734.5	735.0	735.5	736.0
177.5°	737.3	737.8	738.3	738.8
180°	737.7	737.7	737.7	737.7

(END OF REPORT)