

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: P1035733

Luminaire Tested: S125RDIW-B1090D470UB27-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1035733
REPORT IS A COMBINATION OF REPORTS P1006052 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIW-B1090D470UB27-4F0-XX-W2A-A1
Description: Define 5 Regressed Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

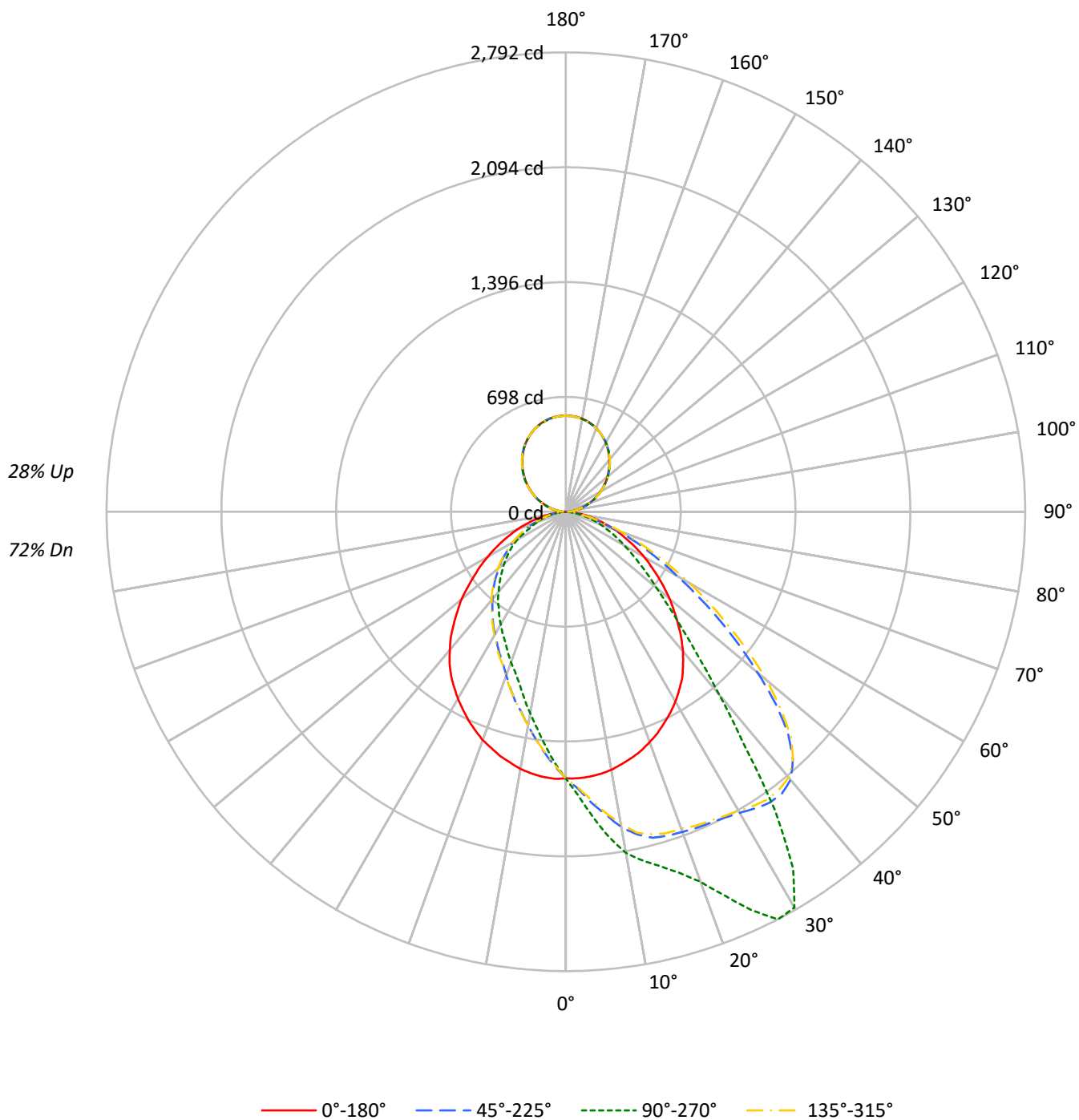
Lumens per Lamp: N/A
Luminaire Lumens: 5828.0 lumens
Efficiency: N/A
Efficacy: 97.1 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	112	112	112	112	107	107	107	107	96	96	96	86	86	86	76	76	76
1	103	99	95	92	98	94	91	88	85	82	80	76	75	73	69	67	66
2	95	87	81	76	90	83	78	73	75	71	67	68	65	62	61	59	56
3	87	77	70	64	82	74	67	62	67	62	57	60	56	53	55	51	49
4	80	69	61	55	75	66	58	53	60	54	49	54	49	46	49	45	42
5	73	62	53	47	69	59	51	46	54	48	43	49	44	40	44	40	37
6	68	56	47	41	64	53	46	40	49	42	38	44	39	35	40	36	33
7	63	50	42	37	59	48	41	36	44	38	33	40	35	31	37	33	29
8	58	46	38	33	55	44	37	32	40	34	30	37	32	28	34	30	26
9	54	42	34	29	52	40	33	28	37	31	27	34	29	25	31	27	24
10	51	39	31	26	48	37	30	26	34	28	24	32	27	23	29	25	22

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

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.4	2.7
10°-20°	455.5	7.8
20°-30°	722.3	12.4
30°-40°	872.8	15.0
40°-50°	777.1	13.3
50°-60°	595.9	10.2
60°-70°	387.0	6.6
70°-80°	187.8	3.2
80°-90°	45.1	0.8
90°-100°	38.8	0.7
100°-110°	115.3	2.0
110°-120°	195.6	3.4
120°-130°	257.4	4.4
130°-140°	288.5	5.0
140°-150°	282.8	4.9
150°-160°	237.5	4.1
160°-170°	157.9	2.7
170°-180°	55.3	0.9
0°-30°	1333.2	22.9
0°-40°	2206.0	37.9
0°-60°	3579.0	61.4
0°-90°	4198.9	72.0
90°-120°	349.7	6.0
90°-150°	1178.4	20.2
90°-180°	1629.0	28.0
0°-180°	5828.0	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°	0	11	0	11	0	5
95°	30	39	30	39	30	31
105°	104	113	104	113	104	110
115°	196	198	196	198	196	194
125°	286	288	286	288	286	256
135°	372	373	372	373	372	286
145°	450	452	450	452	450	281
155°	515	515	515	515	515	237
165°	560	559	560	559	560	158
175°	582	580	582	580	582	55
180°	584	584	584	584	584	

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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°	0.5	1.3	2.1	2.9	3.7	4.1	4.5	5.2	5.9	6.6	7.3
92.5°	13.6	14.1	14.6	15.1	15.6	15.9	16.4	17.3	18.2	19.1	20.0
95°	29.5	29.7	29.9	30.1	30.3	30.4	30.9	31.9	33.0	34.0	35.0
97.5°	45.4	45.5	45.6	45.7	45.8	45.9	46.6	48.0	49.4	50.8	52.2
100°	63.6	63.6	63.6	63.6	63.6	63.6	64.3	65.6	66.9	68.2	69.5
102.5°	83.1	83.6	84.1	84.6	85.1	85.4	85.7	86.2	86.7	87.2	87.7
105°	103.6	104.1	104.6	105.1	105.6	105.8	106.1	106.7	107.4	108.0	108.6
107.5°	125.8	126.3	126.8	127.3	127.8	128.1	128.4	128.9	129.4	129.9	130.4
110°	149.0	149.5	150.0	150.5	151.0	151.3	151.4	151.7	152.0	152.3	152.6

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	172.6	172.8	173.0	173.2	173.4	173.5	173.7	174.1	174.5	174.9	175.3
115°	195.8	196.2	196.6	197.0	197.4	197.6	197.7	197.9	198.1	198.3	198.5
117.5°	219.4	219.5	219.6	219.7	219.8	219.9	220.0	220.2	220.4	220.6	220.8
120°	241.2	241.7	242.2	242.7	243.2	243.5	243.5	243.6	243.7	243.8	243.9
122.5°	264.8	264.9	265.0	265.1	265.2	265.3	265.4	265.7	266.0	266.3	266.6
125°	285.7	286.3	286.9	287.5	288.1	288.4	288.5	288.6	288.7	288.8	288.9
127.5°	308.9	309.2	309.5	309.8	310.1	310.3	310.3	310.4	310.5	310.6	310.7
130°	329.3	329.8	330.3	330.8	331.3	331.6	331.7	331.9	332.1	332.3	332.5
132.5°	349.8	350.7	351.6	352.5	353.4	353.9	353.8	353.7	353.6	353.5	353.4
135°	371.6	372.2	372.8	373.4	374.0	374.3	374.4	374.5	374.6	374.7	374.8
137.5°	392.0	392.6	393.2	393.8	394.4	394.7	394.8	395.0	395.3	395.5	395.7
140°	411.6	412.1	412.6	413.1	413.6	413.8	414.0	414.3	414.6	414.9	415.2
142.5°	431.1	431.5	431.9	432.3	432.7	432.9	433.1	433.5	433.9	434.3	434.7
145°	450.2	450.6	451.0	451.4	451.8	452.0	452.1	452.4	452.7	453.0	453.3
147.5°	467.9	468.2	468.5	468.8	469.1	469.2	469.3	469.5	469.7	469.9	470.1
150°	485.6	485.5	485.4	485.3	485.2	485.1	485.3	485.7	486.2	486.6	487.0
152.5°	500.1	500.3	500.5	500.7	500.9	501.0	501.1	501.2	501.3	501.4	501.5
155°	515.1	515.1	515.1	515.1	515.1	515.1	515.2	515.3	515.4	515.5	515.6
157.5°	528.7	528.5	528.3	528.1	527.9	527.8	527.9	528.0	528.1	528.2	528.3
160°	540.6	540.3	540.0	539.7	539.4	539.2	539.2	539.3	539.4	539.5	539.6
162.5°	551.0	550.8	550.6	550.4	550.2	550.1	550.1	550.1	550.1	550.1	550.1
165°	560.1	559.9	559.7	559.5	559.3	559.2	559.2	559.3	559.4	559.5	559.6
167.5°	568.3	567.9	567.5	567.0	566.6	566.4	566.4	566.4	566.4	566.4	566.4
170°	574.6	574.2	573.8	573.4	573.0	572.8	572.8	572.8	572.8	572.8	572.8
172.5°	579.2	578.8	578.4	578.0	577.6	577.4	577.4	577.4	577.4	577.4	577.4
175°	582.3	581.9	581.5	581.1	580.7	580.5	580.5	580.5	580.5	580.5	580.5
177.5°	584.6	584.2	583.8	583.4	583.0	582.8	582.7	582.6	582.5	582.4	582.3
180°	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7

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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°	7.8	8.3	8.8	9.3	9.5	9.7	10.0	10.3	10.6	10.9	10.6
92.5°	20.7	21.4	22.1	22.8	23.2	23.3	23.5	23.7	23.9	24.1	23.9
95°	35.7	36.4	37.1	37.8	38.2	38.3	38.5	38.7	38.9	39.1	38.9
97.5°	52.8	53.4	54.1	54.7	55.0	55.0	55.1	55.2	55.3	55.4	55.3
100°	70.4	71.3	72.2	73.1	73.6	73.7	73.9	74.1	74.3	74.5	74.3
102.5°	88.7	89.7	90.7	91.7	92.2	92.4	92.7	93.0	93.3	93.6	93.3
105°	109.2	109.8	110.4	111.0	111.3	111.5	111.8	112.1	112.4	112.7	112.4
107.5°	130.7	131.0	131.3	131.6	131.7	131.7	131.7	131.7	131.7	131.7	131.7
110°	152.9	153.2	153.5	153.8	154.0	153.9	153.8	153.7	153.6	153.5	153.6

TEST NUMBER: P1035733

CATALOG NUMBER: S125RDIW-B1090D470UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	175.4	175.5	175.6	175.7	175.8	175.7	175.5	175.3	175.1	174.9	175.1
115°	198.4	198.3	198.2	198.1	198.1	198.0	197.9	197.8	197.7	197.6	197.7
117.5°	220.9	221.0	221.1	221.2	221.2	221.0	220.6	220.2	219.8	219.4	219.8
120°	243.9	243.9	243.9	243.9	243.9	243.7	243.3	242.9	242.5	242.1	242.5
122.5°	266.5	266.4	266.3	266.2	266.2	266.0	265.7	265.4	265.1	264.8	265.1
125°	288.7	288.5	288.3	288.1	288.0	287.9	287.8	287.7	287.6	287.5	287.6
127.5°	310.6	310.5	310.4	310.3	310.3	310.2	310.0	309.7	309.5	309.3	309.5
130°	332.4	332.3	332.2	332.1	332.1	332.0	331.8	331.5	331.3	331.1	331.3
132.5°	353.3	353.2	353.1	353.0	353.0	352.8	352.5	352.2	351.9	351.6	351.9
135°	374.8	374.8	374.8	374.8	374.8	374.6	374.2	373.7	373.3	372.9	373.3
137.5°	395.8	395.9	396.0	396.1	396.1	395.8	395.3	394.8	394.3	393.8	394.3
140°	415.4	415.6	415.8	416.0	416.1	415.8	415.3	414.8	414.3	413.8	414.3
142.5°	434.8	434.9	435.0	435.1	435.2	434.9	434.4	433.9	433.4	432.9	433.4
145°	453.3	453.3	453.3	453.3	453.3	453.2	452.9	452.6	452.3	452.0	452.3
147.5°	470.4	470.7	471.0	471.3	471.5	471.1	470.3	469.5	468.7	467.9	468.7
150°	487.0	487.0	487.0	487.0	487.0	486.9	486.7	486.4	486.2	486.0	486.2
152.5°	501.8	502.1	502.4	502.7	502.9	502.7	502.3	501.8	501.4	501.0	501.4
155°	516.0	516.4	516.8	517.2	517.4	517.1	516.6	516.1	515.6	515.1	515.6
157.5°	528.7	529.1	529.5	529.9	530.1	529.7	529.0	528.3	527.6	526.9	527.6
160°	540.0	540.4	540.9	541.3	541.5	541.2	540.7	540.2	539.7	539.2	539.7
162.5°	550.6	551.1	551.6	552.1	552.4	552.1	551.5	550.8	550.2	549.6	550.2
165°	560.0	560.4	560.9	561.3	561.5	561.2	560.6	559.9	559.3	558.7	559.3
167.5°	567.0	567.6	568.3	568.9	569.2	568.9	568.3	567.6	567.0	566.4	567.0
170°	573.4	574.0	574.6	575.2	575.5	575.2	574.5	573.8	573.1	572.4	573.1
172.5°	578.0	578.6	579.2	579.8	580.1	579.8	579.2	578.6	578.0	577.4	578.0
175°	581.1	581.7	582.4	583.0	583.3	582.9	582.2	581.5	580.8	580.1	580.8
177.5°	582.9	583.5	584.2	584.8	585.1	584.7	584.0	583.3	582.6	581.9	582.6
180°	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7

TEST NUMBER: P1035733

CATALOG NUMBER: S125RDIW-B1090D470UB27-4F0-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°	10.3	10.0	9.7	9.5	9.3	8.8	8.3	7.8	7.3	6.6	5.9
92.5°	23.7	23.5	23.3	23.2	22.8	22.1	21.4	20.7	20.0	19.1	18.2
95°	38.7	38.5	38.3	38.2	37.8	37.1	36.4	35.7	35.0	34.0	33.0
97.5°	55.2	55.1	55.0	55.0	54.7	54.1	53.4	52.8	52.2	50.8	49.4
100°	74.1	73.9	73.7	73.6	73.1	72.2	71.3	70.4	69.5	68.2	66.9
102.5°	93.0	92.7	92.4	92.2	91.7	90.7	89.7	88.7	87.7	87.2	86.7
105°	112.1	111.8	111.5	111.3	111.0	110.4	109.8	109.2	108.6	108.0	107.4
107.5°	131.7	131.7	131.7	131.7	131.6	131.3	131.0	130.7	130.4	129.9	129.4
110°	153.7	153.8	153.9	154.0	153.8	153.5	153.2	152.9	152.6	152.3	152.0

TEST NUMBER: P1035733

CATALOG NUMBER: S125RDIW-B1090D470UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	175.3	175.5	175.7	175.8	175.7	175.6	175.5	175.4	175.3	174.9	174.5
115°	197.8	197.9	198.0	198.1	198.1	198.2	198.3	198.4	198.5	198.3	198.1
117.5°	220.2	220.6	221.0	221.2	221.2	221.1	221.0	220.9	220.8	220.6	220.4
120°	242.9	243.3	243.7	243.9	243.9	243.9	243.9	243.9	243.9	243.8	243.7
122.5°	265.4	265.7	266.0	266.2	266.2	266.3	266.4	266.5	266.6	266.3	266.0
125°	287.7	287.8	287.9	288.0	288.1	288.3	288.5	288.7	288.9	288.8	288.7
127.5°	309.7	310.0	310.2	310.3	310.3	310.4	310.5	310.6	310.7	310.6	310.5
130°	331.5	331.8	332.0	332.1	332.1	332.2	332.3	332.4	332.5	332.3	332.1
132.5°	352.2	352.5	352.8	353.0	353.0	353.1	353.2	353.3	353.4	353.5	353.6
135°	373.7	374.2	374.6	374.8	374.8	374.8	374.8	374.8	374.8	374.7	374.6
137.5°	394.8	395.3	395.8	396.1	396.1	396.0	395.9	395.8	395.7	395.5	395.3
140°	414.8	415.3	415.8	416.1	416.0	415.8	415.6	415.4	415.2	414.9	414.6
142.5°	433.9	434.4	434.9	435.2	435.1	435.0	434.9	434.8	434.7	434.3	433.9
145°	452.6	452.9	453.2	453.3	453.3	453.3	453.3	453.3	453.3	453.0	452.7
147.5°	469.5	470.3	471.1	471.5	471.3	471.0	470.7	470.4	470.1	469.9	469.7
150°	486.4	486.7	486.9	487.0	487.0	487.0	487.0	487.0	487.0	486.6	486.2
152.5°	501.8	502.3	502.7	502.9	502.7	502.4	502.1	501.8	501.5	501.4	501.3
155°	516.1	516.6	517.1	517.4	517.2	516.8	516.4	516.0	515.6	515.5	515.4
157.5°	528.3	529.0	529.7	530.1	529.9	529.5	529.1	528.7	528.3	528.2	528.1
160°	540.2	540.7	541.2	541.5	541.3	540.9	540.4	540.0	539.6	539.5	539.4
162.5°	550.8	551.5	552.1	552.4	552.1	551.6	551.1	550.6	550.1	550.1	550.1
165°	559.9	560.6	561.2	561.5	561.3	560.9	560.4	560.0	559.6	559.5	559.4
167.5°	567.6	568.3	568.9	569.2	568.9	568.3	567.6	567.0	566.4	566.4	566.4
170°	573.8	574.5	575.2	575.5	575.2	574.6	574.0	573.4	572.8	572.8	572.8
172.5°	578.6	579.2	579.8	580.1	579.8	579.2	578.6	578.0	577.4	577.4	577.4
175°	581.5	582.2	582.9	583.3	583.0	582.4	581.7	581.1	580.5	580.5	580.5
177.5°	583.3	584.0	584.7	585.1	584.8	584.2	583.5	582.9	582.3	582.4	582.5
180°	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7

TEST NUMBER: P1035733

CATALOG NUMBER: S125RDIW-B1090D470UB27-4F0-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°	5.2	4.5	4.1	3.7	2.9	2.1	1.3	0.5	1.3	2.1	2.9
92.5°	17.3	16.4	15.9	15.6	15.1	14.6	14.1	13.6	14.1	14.6	15.1
95°	31.9	30.9	30.4	30.3	30.1	29.9	29.7	29.5	29.7	29.9	30.1
97.5°	48.0	46.6	45.9	45.8	45.7	45.6	45.5	45.4	45.5	45.6	45.7
100°	65.6	64.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
102.5°	86.2	85.7	85.4	85.1	84.6	84.1	83.6	83.1	83.6	84.1	84.6
105°	106.7	106.1	105.8	105.6	105.1	104.6	104.1	103.6	104.1	104.6	105.1
107.5°	128.9	128.4	128.1	127.8	127.3	126.8	126.3	125.8	126.3	126.8	127.3
110°	151.7	151.4	151.3	151.0	150.5	150.0	149.5	149.0	149.5	150.0	150.5

TEST NUMBER: P1035733

CATALOG NUMBER: S125RDIW-B1090D470UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	174.1	173.7	173.5	173.4	173.2	173.0	172.8	172.6	172.8	173.0	173.2
115°	197.9	197.7	197.6	197.4	197.0	196.6	196.2	195.8	196.2	196.6	197.0
117.5°	220.2	220.0	219.9	219.8	219.7	219.6	219.5	219.4	219.5	219.6	219.7
120°	243.6	243.5	243.5	243.2	242.7	242.2	241.7	241.2	241.7	242.2	242.7
122.5°	265.7	265.4	265.3	265.2	265.1	265.0	264.9	264.8	264.9	265.0	265.1
125°	288.6	288.5	288.4	288.1	287.5	286.9	286.3	285.7	286.3	286.9	287.5
127.5°	310.4	310.3	310.3	310.1	309.8	309.5	309.2	308.9	309.2	309.5	309.8
130°	331.9	331.7	331.6	331.3	330.8	330.3	329.8	329.3	329.8	330.3	330.8
132.5°	353.7	353.8	353.9	353.4	352.5	351.6	350.7	349.8	350.7	351.6	352.5
135°	374.5	374.4	374.3	374.0	373.4	372.8	372.2	371.6	372.2	372.8	373.4
137.5°	395.0	394.8	394.7	394.4	393.8	393.2	392.6	392.0	392.6	393.2	393.8
140°	414.3	414.0	413.8	413.6	413.1	412.6	412.1	411.6	412.1	412.6	413.1
142.5°	433.5	433.1	432.9	432.7	432.3	431.9	431.5	431.1	431.5	431.9	432.3
145°	452.4	452.1	452.0	451.8	451.4	451.0	450.6	450.2	450.6	451.0	451.4
147.5°	469.5	469.3	469.2	469.1	468.8	468.5	468.2	467.9	468.2	468.5	468.8
150°	485.7	485.3	485.1	485.2	485.3	485.4	485.5	485.6	485.5	485.4	485.3
152.5°	501.2	501.1	501.0	500.9	500.7	500.5	500.3	500.1	500.3	500.5	500.7
155°	515.3	515.2	515.1	515.1	515.1	515.1	515.1	515.1	515.1	515.1	515.1
157.5°	528.0	527.9	527.8	527.9	528.1	528.3	528.5	528.7	528.5	528.3	528.1
160°	539.3	539.2	539.2	539.4	539.7	540.0	540.3	540.6	540.3	540.0	539.7
162.5°	550.1	550.1	550.1	550.2	550.4	550.6	550.8	551.0	550.8	550.6	550.4
165°	559.3	559.2	559.2	559.3	559.5	559.7	559.9	560.1	559.9	559.7	559.5
167.5°	566.4	566.4	566.4	566.6	567.0	567.5	567.9	568.3	567.9	567.5	567.0
170°	572.8	572.8	572.8	573.0	573.4	573.8	574.2	574.6	574.2	573.8	573.4
172.5°	577.4	577.4	577.4	577.6	578.0	578.4	578.8	579.2	578.8	578.4	578.0
175°	580.5	580.5	580.5	580.7	581.1	581.5	581.9	582.3	581.9	581.5	581.1
177.5°	582.6	582.7	582.8	583.0	583.4	583.8	584.2	584.6	584.2	583.8	583.4
180°	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7

TEST NUMBER: P1035733

CATALOG NUMBER: S125RDIW-B1090D470UB27-4F0-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°	3.7	4.1	4.5	5.2	5.9	6.6	7.3	7.8	8.3	8.8	9.3
92.5°	15.6	15.9	16.4	17.3	18.2	19.1	20.0	20.7	21.4	22.1	22.8
95°	30.3	30.4	30.9	31.9	33.0	34.0	35.0	35.7	36.4	37.1	37.8
97.5°	45.8	45.9	46.6	48.0	49.4	50.8	52.2	52.8	53.4	54.1	54.7
100°	63.6	63.6	64.3	65.6	66.9	68.2	69.5	70.4	71.3	72.2	73.1
102.5°	85.1	85.4	85.7	86.2	86.7	87.2	87.7	88.7	89.7	90.7	91.7
105°	105.6	105.8	106.1	106.7	107.4	108.0	108.6	109.2	109.8	110.4	111.0
107.5°	127.8	128.1	128.4	128.9	129.4	129.9	130.4	130.7	131.0	131.3	131.6
110°	151.0	151.3	151.4	151.7	152.0	152.3	152.6	152.9	153.2	153.5	153.8

TEST NUMBER: P1035733

CATALOG NUMBER: S125RDIW-B1090D470UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	173.4	173.5	173.7	174.1	174.5	174.9	175.3	175.4	175.5	175.6	175.7
115°	197.4	197.6	197.7	197.9	198.1	198.3	198.5	198.4	198.3	198.2	198.1
117.5°	219.8	219.9	220.0	220.2	220.4	220.6	220.8	220.9	221.0	221.1	221.2
120°	243.2	243.5	243.5	243.6	243.7	243.8	243.9	243.9	243.9	243.9	243.9
122.5°	265.2	265.3	265.4	265.7	266.0	266.3	266.6	266.5	266.4	266.3	266.2
125°	288.1	288.4	288.5	288.6	288.7	288.8	288.9	288.7	288.5	288.3	288.1
127.5°	310.1	310.3	310.3	310.4	310.5	310.6	310.7	310.6	310.5	310.4	310.3
130°	331.3	331.6	331.7	331.9	332.1	332.3	332.5	332.4	332.3	332.2	332.1
132.5°	353.4	353.9	353.8	353.7	353.6	353.5	353.4	353.3	353.2	353.1	353.0
135°	374.0	374.3	374.4	374.5	374.6	374.7	374.8	374.8	374.8	374.8	374.8
137.5°	394.4	394.7	394.8	395.0	395.3	395.5	395.7	395.8	395.9	396.0	396.1
140°	413.6	413.8	414.0	414.3	414.6	414.9	415.2	415.4	415.6	415.8	416.0
142.5°	432.7	432.9	433.1	433.5	433.9	434.3	434.7	434.8	434.9	435.0	435.1
145°	451.8	452.0	452.1	452.4	452.7	453.0	453.3	453.3	453.3	453.3	453.3
147.5°	469.1	469.2	469.3	469.5	469.7	469.9	470.1	470.4	470.7	471.0	471.3
150°	485.2	485.1	485.3	485.7	486.2	486.6	487.0	487.0	487.0	487.0	487.0
152.5°	500.9	501.0	501.1	501.2	501.3	501.4	501.5	501.8	502.1	502.4	502.7
155°	515.1	515.1	515.2	515.3	515.4	515.5	515.6	516.0	516.4	516.8	517.2
157.5°	527.9	527.8	527.9	528.0	528.1	528.2	528.3	528.7	529.1	529.5	529.9
160°	539.4	539.2	539.2	539.3	539.4	539.5	539.6	540.0	540.4	540.9	541.3
162.5°	550.2	550.1	550.1	550.1	550.1	550.1	550.1	550.6	551.1	551.6	552.1
165°	559.3	559.2	559.2	559.3	559.4	559.5	559.6	560.0	560.4	560.9	561.3
167.5°	566.6	566.4	566.4	566.4	566.4	566.4	566.4	567.0	567.6	568.3	568.9
170°	573.0	572.8	572.8	572.8	572.8	572.8	572.8	573.4	574.0	574.6	575.2
172.5°	577.6	577.4	577.4	577.4	577.4	577.4	577.4	578.0	578.6	579.2	579.8
175°	580.7	580.5	580.5	580.5	580.5	580.5	580.5	581.1	581.7	582.4	583.0
177.5°	583.0	582.8	582.7	582.6	582.5	582.4	582.3	582.9	583.5	584.2	584.8
180°	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7

TEST NUMBER: P1035733

CATALOG NUMBER: S125RDIW-B1090D470UB27-4F0-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°	9.5	9.7	10.0	10.3	10.6	10.9	10.6	10.3	10.0	9.7	9.5
92.5°	23.2	23.3	23.5	23.7	23.9	24.1	23.9	23.7	23.5	23.3	23.2
95°	38.2	38.3	38.5	38.7	38.9	39.1	38.9	38.7	38.5	38.3	38.2
97.5°	55.0	55.0	55.1	55.2	55.3	55.4	55.3	55.2	55.1	55.0	55.0
100°	73.6	73.7	73.9	74.1	74.3	74.5	74.3	74.1	73.9	73.7	73.6
102.5°	92.2	92.4	92.7	93.0	93.3	93.6	93.3	93.0	92.7	92.4	92.2
105°	111.3	111.5	111.8	112.1	112.4	112.7	112.4	112.1	111.8	111.5	111.3
107.5°	131.7	131.7	131.7	131.7	131.7	131.7	131.7	131.7	131.7	131.7	131.7
110°	154.0	153.9	153.8	153.7	153.6	153.5	153.6	153.7	153.8	153.9	154.0

TEST NUMBER: P1035733

CATALOG NUMBER: S125RDIW-B1090D470UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	175.8	175.7	175.5	175.3	175.1	174.9	175.1	175.3	175.5	175.7	175.8
115°	198.1	198.0	197.9	197.8	197.7	197.6	197.7	197.8	197.9	198.0	198.1
117.5°	221.2	221.0	220.6	220.2	219.8	219.4	219.8	220.2	220.6	221.0	221.2
120°	243.9	243.7	243.3	242.9	242.5	242.1	242.5	242.9	243.3	243.7	243.9
122.5°	266.2	266.0	265.7	265.4	265.1	264.8	265.1	265.4	265.7	266.0	266.2
125°	288.0	287.9	287.8	287.7	287.6	287.5	287.6	287.7	287.8	287.9	288.0
127.5°	310.3	310.2	310.0	309.7	309.5	309.3	309.5	309.7	310.0	310.2	310.3
130°	332.1	332.0	331.8	331.5	331.3	331.1	331.3	331.5	331.8	332.0	332.1
132.5°	353.0	352.8	352.5	352.2	351.9	351.6	351.9	352.2	352.5	352.8	353.0
135°	374.8	374.6	374.2	373.7	373.3	372.9	373.3	373.7	374.2	374.6	374.8
137.5°	396.1	395.8	395.3	394.8	394.3	393.8	394.3	394.8	395.3	395.8	396.1
140°	416.1	415.8	415.3	414.8	414.3	413.8	414.3	414.8	415.3	415.8	416.1
142.5°	435.2	434.9	434.4	433.9	433.4	432.9	433.4	433.9	434.4	434.9	435.2
145°	453.3	453.2	452.9	452.6	452.3	452.0	452.3	452.6	452.9	453.2	453.3
147.5°	471.5	471.1	470.3	469.5	468.7	467.9	468.7	469.5	470.3	471.1	471.5
150°	487.0	486.9	486.7	486.4	486.2	486.0	486.2	486.4	486.7	486.9	487.0
152.5°	502.9	502.7	502.3	501.8	501.4	501.0	501.4	501.8	502.3	502.7	502.9
155°	517.4	517.1	516.6	516.1	515.6	515.1	515.6	516.1	516.6	517.1	517.4
157.5°	530.1	529.7	529.0	528.3	527.6	526.9	527.6	528.3	529.0	529.7	530.1
160°	541.5	541.2	540.7	540.2	539.7	539.2	539.7	540.2	540.7	541.2	541.5
162.5°	552.4	552.1	551.5	550.8	550.2	549.6	550.2	550.8	551.5	552.1	552.4
165°	561.5	561.2	560.6	559.9	559.3	558.7	559.3	559.9	560.6	561.2	561.5
167.5°	569.2	568.9	568.3	567.6	567.0	566.4	567.0	567.6	568.3	568.9	569.2
170°	575.5	575.2	574.5	573.8	573.1	572.4	573.1	573.8	574.5	575.2	575.5
172.5°	580.1	579.8	579.2	578.6	578.0	577.4	578.0	578.6	579.2	579.8	580.1
175°	583.3	582.9	582.2	581.5	580.8	580.1	580.8	581.5	582.2	582.9	583.3
177.5°	585.1	584.7	584.0	583.3	582.6	581.9	582.6	583.3	584.0	584.7	585.1
180°	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7

TEST NUMBER: P1035733

CATALOG NUMBER: S125RDIW-B1090D470UB27-4F0-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°	9.3	8.8	8.3	7.8	7.3	6.6	5.9	5.2	4.5	4.1	3.7
92.5°	22.8	22.1	21.4	20.7	20.0	19.1	18.2	17.3	16.4	15.9	15.6
95°	37.8	37.1	36.4	35.7	35.0	34.0	33.0	31.9	30.9	30.4	30.3
97.5°	54.7	54.1	53.4	52.8	52.2	50.8	49.4	48.0	46.6	45.9	45.8
100°	73.1	72.2	71.3	70.4	69.5	68.2	66.9	65.6	64.3	63.6	63.6
102.5°	91.7	90.7	89.7	88.7	87.7	87.2	86.7	86.2	85.7	85.4	85.1
105°	111.0	110.4	109.8	109.2	108.6	108.0	107.4	106.7	106.1	105.8	105.6
107.5°	131.6	131.3	131.0	130.7	130.4	129.9	129.4	128.9	128.4	128.1	127.8
110°	153.8	153.5	153.2	152.9	152.6	152.3	152.0	151.7	151.4	151.3	151.0

TEST NUMBER: P1035733

CATALOG NUMBER: S125RDIW-B1090D470UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	175.7	175.6	175.5	175.4	175.3	174.9	174.5	174.1	173.7	173.5	173.4
115°	198.1	198.2	198.3	198.4	198.5	198.3	198.1	197.9	197.7	197.6	197.4
117.5°	221.2	221.1	221.0	220.9	220.8	220.6	220.4	220.2	220.0	219.9	219.8
120°	243.9	243.9	243.9	243.9	243.9	243.8	243.7	243.6	243.5	243.5	243.2
122.5°	266.2	266.3	266.4	266.5	266.6	266.3	266.0	265.7	265.4	265.3	265.2
125°	288.1	288.3	288.5	288.7	288.9	288.8	288.7	288.6	288.5	288.4	288.1
127.5°	310.3	310.4	310.5	310.6	310.7	310.6	310.5	310.4	310.3	310.3	310.1
130°	332.1	332.2	332.3	332.4	332.5	332.3	332.1	331.9	331.7	331.6	331.3
132.5°	353.0	353.1	353.2	353.3	353.4	353.5	353.6	353.7	353.8	353.9	353.4
135°	374.8	374.8	374.8	374.8	374.8	374.7	374.6	374.5	374.4	374.3	374.0
137.5°	396.1	396.0	395.9	395.8	395.7	395.5	395.3	395.0	394.8	394.7	394.4
140°	416.0	415.8	415.6	415.4	415.2	414.9	414.6	414.3	414.0	413.8	413.6
142.5°	435.1	435.0	434.9	434.8	434.7	434.3	433.9	433.5	433.1	432.9	432.7
145°	453.3	453.3	453.3	453.3	453.3	453.0	452.7	452.4	452.1	452.0	451.8
147.5°	471.3	471.0	470.7	470.4	470.1	469.9	469.7	469.5	469.3	469.2	469.1
150°	487.0	487.0	487.0	487.0	487.0	486.6	486.2	485.7	485.3	485.1	485.2
152.5°	502.7	502.4	502.1	501.8	501.5	501.4	501.3	501.2	501.1	501.0	500.9
155°	517.2	516.8	516.4	516.0	515.6	515.5	515.4	515.3	515.2	515.1	515.1
157.5°	529.9	529.5	529.1	528.7	528.3	528.2	528.1	528.0	527.9	527.8	527.9
160°	541.3	540.9	540.4	540.0	539.6	539.5	539.4	539.3	539.2	539.2	539.4
162.5°	552.1	551.6	551.1	550.6	550.1	550.1	550.1	550.1	550.1	550.1	550.2
165°	561.3	560.9	560.4	560.0	559.6	559.5	559.4	559.3	559.2	559.2	559.3
167.5°	568.9	568.3	567.6	567.0	566.4	566.4	566.4	566.4	566.4	566.4	566.6
170°	575.2	574.6	574.0	573.4	572.8	572.8	572.8	572.8	572.8	572.8	573.0
172.5°	579.8	579.2	578.6	578.0	577.4	577.4	577.4	577.4	577.4	577.4	577.6
175°	583.0	582.4	581.7	581.1	580.5	580.5	580.5	580.5	580.5	580.5	580.7
177.5°	584.8	584.2	583.5	582.9	582.3	582.4	582.5	582.6	582.7	582.8	583.0
180°	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7

TEST NUMBER: P1035733

CATALOG NUMBER: S125RDIW-B1090D470UB27-4F0-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°	2.9	2.1	1.3	0.5
92.5°	15.1	14.6	14.1	13.6
95°	30.1	29.9	29.7	29.5
97.5°	45.7	45.6	45.5	45.4
100°	63.6	63.6	63.6	63.6
102.5°	84.6	84.1	83.6	83.1
105°	105.1	104.6	104.1	103.6
107.5°	127.3	126.8	126.3	125.8
110°	150.5	150.0	149.5	149.0

TEST NUMBER: P1035733

CATALOG NUMBER: S125RDIW-B1090D470UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	173.2	173.0	172.8	172.6
115°	197.0	196.6	196.2	195.8
117.5°	219.7	219.6	219.5	219.4
120°	242.7	242.2	241.7	241.2
122.5°	265.1	265.0	264.9	264.8
125°	287.5	286.9	286.3	285.7
127.5°	309.8	309.5	309.2	308.9
130°	330.8	330.3	329.8	329.3
132.5°	352.5	351.6	350.7	349.8
135°	373.4	372.8	372.2	371.6
137.5°	393.8	393.2	392.6	392.0
140°	413.1	412.6	412.1	411.6
142.5°	432.3	431.9	431.5	431.1
145°	451.4	451.0	450.6	450.2
147.5°	468.8	468.5	468.2	467.9
150°	485.3	485.4	485.5	485.6
152.5°	500.7	500.5	500.3	500.1
155°	515.1	515.1	515.1	515.1
157.5°	528.1	528.3	528.5	528.7
160°	539.7	540.0	540.3	540.6
162.5°	550.4	550.6	550.8	551.0
165°	559.5	559.7	559.9	560.1
167.5°	567.0	567.5	567.9	568.3
170°	573.4	573.8	574.2	574.6
172.5°	578.0	578.4	578.8	579.2
175°	581.1	581.5	581.9	582.3
177.5°	583.4	583.8	584.2	584.6
180°	583.7	583.7	583.7	583.7

(END OF REPORT)