

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: P1035026

Luminaire Tested: S125DIW-B1090D470UB27-4F0-XX-W2A-A

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1035026
REPORT IS A COMBINATION OF REPORTS P1002917 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIW-B1090D470UB27-4F0-XX-W2A-A
Description: Define 5 Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

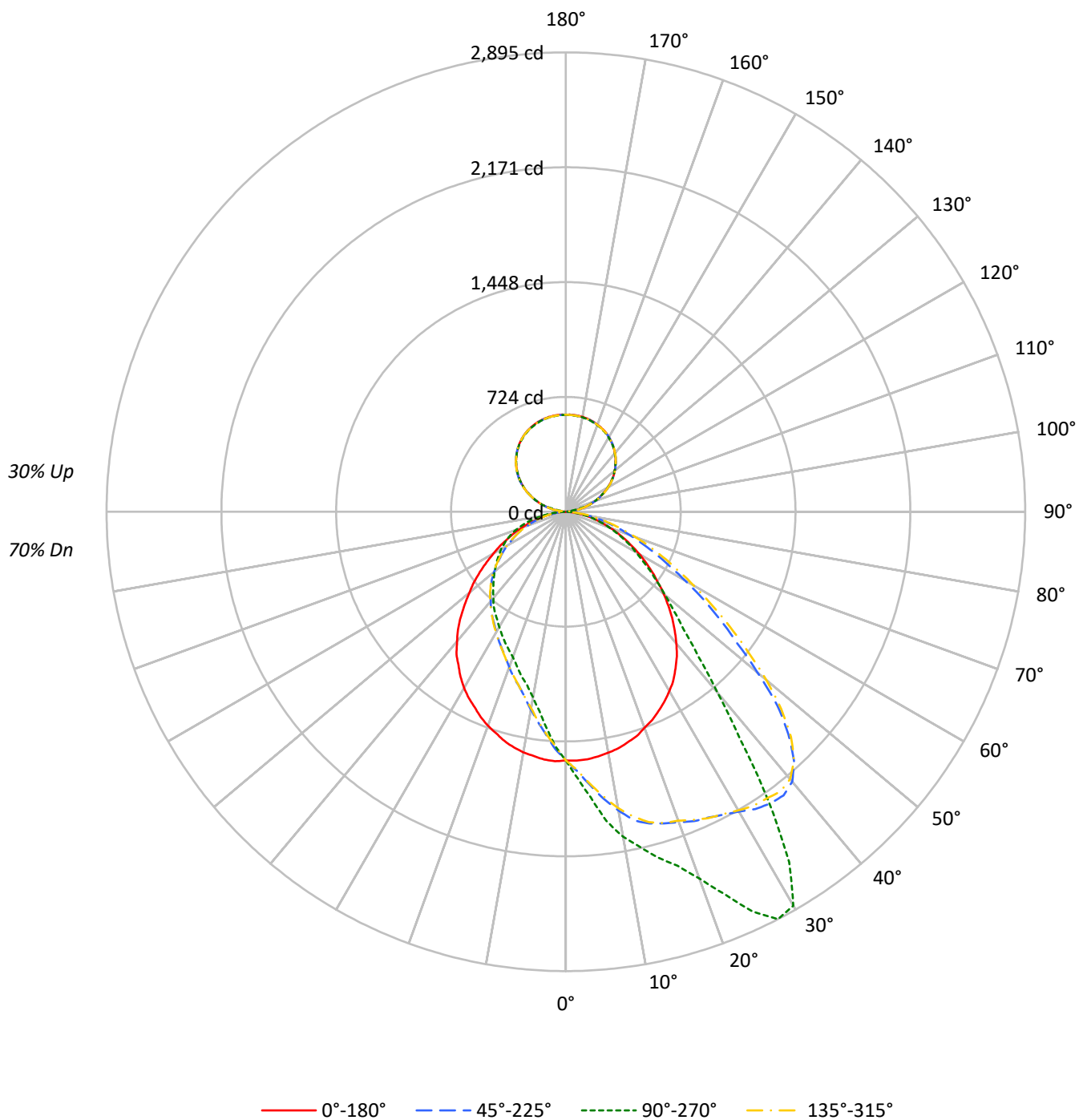
Lumens per Lamp: N/A
Luminaire Lumens: 6302.0 lumens
Efficiency: N/A
Efficacy: 105.0 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

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

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Luminous Intensity Polar Plot



TEST NUMBER: P1035026

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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	106	106	106	106	95	95	95	84	84	84	75	75	75
1	103	98	94	91	97	93	90	87	84	81	79	75	73	71	67	65	64
2	94	86	80	75	88	82	76	72	74	69	66	66	63	60	59	56	54
3	86	76	69	63	81	72	66	60	65	60	55	59	54	51	52	49	46
4	79	68	60	53	74	64	57	51	58	52	48	52	48	44	47	43	40
5	72	60	52	46	68	58	50	44	52	46	41	47	42	38	42	38	35
6	67	54	46	40	63	52	44	39	47	41	36	43	38	34	39	34	31
7	62	49	41	35	58	47	40	34	43	37	32	39	34	30	35	31	28
8	57	45	37	31	54	43	36	30	39	33	29	36	30	27	32	28	25
9	54	41	33	28	51	39	32	27	36	30	26	33	28	24	30	26	22
10	50	38	30	25	47	36	29	25	33	27	23	30	25	22	28	23	20

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10041	10041	10041	10041
5°	10048	11390	10057	8641
10°	9987	12982	9969	7417
15°	9913	14076	9852	6702
20°	9789	15425	9699	6118
25°	9677	17674	9500	5773
30°	9517	18646	9353	5460
35°	9264	14946	9070	5208
40°	8870	10331	8740	4943
45°	8372	7691	8279	4722
50°	7802	6332	7674	4545
55°	7188	5400	7130	4391
60°	6585	4623	6470	4272
65°	5934	3991	5838	4099
70°	5246	3315	5176	3796
75°	4517	2563	4458	3295
80°	3568	1733	3438	2422
85°	2281	867	2207	1235

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 15336 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	150.8	2.4
10°-20°	449.2	7.1
20°-30°	729.7	11.6
30°-40°	891.8	14.2
40°-50°	809.0	12.8
50°-60°	644.3	10.2
60°-70°	448.8	7.1
70°-80°	239.1	3.8
80°-90°	60.2	1.0
90°-100°	20.8	0.3
100°-110°	138.1	2.2
110°-120°	248.6	3.9
120°-130°	319.1	5.1
130°-140°	343.2	5.4
140°-150°	322.1	5.1
150°-160°	260.6	4.1
160°-170°	168.5	2.7
170°-180°	58.1	0.9
0°-30°	1329.8	21.1
0°-40°	2221.6	35.3
0°-60°	3674.9	58.3
0°-90°	4422.9	70.2
90°-120°	407.4	6.5
90°-150°	1391.9	22.1
90°-180°	1879.0	29.8
0°-180°	6302.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1567	1567	1567	1567	1567	
5°	1566	1808	1567	1372	1566	149
15°	1504	2258	1495	1075	1504	425
25°	1385	2778	1360	907	1385	638
35°	1205	2230	1180	777	1205	753
45°	947	1051	936	645	947	730
55°	666	648	661	527	666	596
65°	412	398	406	408	412	409
75°	200	196	197	251	200	212
85°	40	44	39	62	40	48
90°	0	11	0	11	0	4
95°	26	10	26	10	26	32
105°	133	135	133	135	133	141
115°	250	248	250	248	250	248
125°	356	356	356	356	356	318
135°	444	442	444	442	444	342
145°	515	513	515	513	515	322
155°	567	563	567	563	567	261
165°	598	595	598	595	598	169
175°	612	609	612	609	612	58
180°	612	612	612	612	612	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1
2.5°	1569.7	1579.0	1589.7	1597.7	1611.0	1614.9	1621.6	1625.6	1629.6	1633.6	1636.2
5°	1565.7	1588.3	1608.3	1622.9	1648.2	1657.5	1669.5	1684.1	1701.4	1716.0	1725.4
7.5°	1555.1	1591.0	1617.6	1646.9	1681.5	1704.1	1716.0	1746.6	1774.6	1795.9	1823.8
10°	1541.8	1584.3	1625.6	1669.5	1718.7	1744.0	1767.9	1810.5	1849.1	1883.7	1911.6
12.5°	1527.1	1579.0	1628.2	1685.4	1752.0	1782.6	1798.5	1871.7	1919.6	1938.2	1992.7
15°	1504.5	1565.7	1636.2	1706.7	1762.6	1798.5	1842.4	1901.0	1948.8	1990.1	2034.0
17.5°	1483.2	1549.8	1621.6	1700.1	1781.2	1827.8	1861.0	1912.9	1964.8	2018.0	2059.3
20°	1448.7	1535.1	1608.3	1692.1	1787.9	1821.1	1855.7	1916.9	1972.8	2030.0	2081.9
22.5°	1420.7	1503.2	1603.0	1682.8	1763.9	1797.2	1839.8	1903.6	1970.1	2035.3	2111.1
25°	1384.8	1476.6	1563.1	1648.2	1732.0	1767.9	1806.5	1889.0	1958.2	2042.0	2125.8
27.5°	1346.2	1440.7	1527.1	1604.3	1682.8	1732.0	1773.2	1859.7	1951.5	2043.3	2152.4
30°	1305.0	1394.1	1476.6	1552.4	1638.9	1689.4	1730.7	1831.8	1934.2	2051.3	2181.6
32.5°	1261.1	1344.9	1415.4	1492.6	1584.3	1630.9	1686.8	1797.2	1918.2	2057.9	2221.5
35°	1205.2	1285.0	1347.6	1426.0	1517.8	1577.7	1636.2	1759.9	1901.0	2056.6	2244.2
37.5°	1149.4	1211.9	1271.7	1355.5	1462.0	1516.5	1577.7	1713.4	1874.3	2052.6	2253.5
40°	1082.8	1144.0	1195.9	1281.0	1392.8	1455.3	1519.2	1661.5	1843.7	2038.0	2220.2
42.5°	1016.3	1068.2	1125.4	1214.5	1322.3	1388.8	1456.6	1614.9	1803.8	1995.4	2128.4
45°	947.1	987.1	1049.6	1130.7	1245.1	1309.0	1386.1	1557.7	1748.0	1918.2	1984.8
47.5°	875.3	915.2	973.8	1052.2	1165.3	1241.1	1314.3	1485.9	1677.5	1809.2	1809.2
50°	806.1	838.1	895.3	973.8	1088.2	1157.3	1231.8	1414.1	1568.4	1665.5	1579.0
52.5°	731.6	767.6	815.5	897.9	1011.0	1073.5	1154.7	1310.3	1456.6	1496.6	1363.5
55°	666.5	695.7	741.0	819.4	924.5	989.7	1058.9	1207.9	1331.6	1328.9	1186.6
57.5°	598.6	622.6	670.5	742.3	839.4	897.9	967.1	1096.1	1197.2	1161.3	1027.0
60°	536.1	553.4	600.0	658.5	751.6	806.1	872.7	977.7	1054.9	1004.4	868.7
62.5°	470.9	490.9	528.1	585.3	667.8	711.7	760.9	867.3	916.6	871.3	733.0
65°	412.4	428.3	461.6	509.5	584.0	623.9	666.5	754.3	800.8	735.6	621.2
67.5°	353.9	372.5	396.4	439.0	497.5	534.8	572.0	647.8	669.1	610.6	514.8
70°	299.3	315.3	337.9	368.5	417.7	451.0	478.9	541.4	556.1	501.5	425.7
72.5°	246.1	256.7	275.4	300.6	345.9	364.5	393.8	436.3	455.0	405.7	351.2
75°	199.5	207.5	219.5	238.1	268.7	288.7	312.6	352.5	351.2	316.6	278.0
77.5°	154.3	155.6	168.9	186.2	204.9	222.2	234.1	262.1	264.7	243.4	211.5
80°	110.4	114.4	119.7	133.0	149.0	155.6	170.3	187.6	190.2	174.3	153.0
82.5°	70.5	73.2	77.2	85.1	95.8	103.8	111.7	118.4	125.0	115.7	98.4
85°	39.9	41.2	45.2	47.9	53.2	57.2	63.9	70.5	69.2	62.5	57.2
87.5°	20.0	20.0	20.0	22.6	25.3	25.3	27.9	29.3	30.6	27.9	25.3
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°	8.6	7.7	6.8	5.9	5.0	4.5	4.8	5.4	6.1	6.7	7.3
95°	25.8	25.5	25.2	24.9	24.6	24.5	22.6	18.8	14.9	11.1	7.3
97.5°	48.5	49.1	49.7	50.3	50.9	51.2	46.4	36.9	27.3	17.8	8.2
100°	75.7	76.0	76.3	76.6	76.9	77.1	77.3	77.7	78.1	78.5	78.9
102.5°	103.4	103.8	104.2	104.6	105.0	105.2	105.3	105.5	105.7	105.9	106.1
105°	133.3	133.7	134.1	134.5	134.9	135.1	135.1	135.1	135.1	135.1	135.1
107.5°	164.2	164.2	164.2	164.2	164.2	164.2	164.3	164.5	164.7	164.9	165.1
110°	194.1	194.1	194.1	194.1	194.1	194.1	194.2	194.4	194.6	194.8	195.0

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	222.2	222.5	222.8	223.1	223.4	223.6	223.6	223.7	223.8	223.9	224.0
115°	250.3	250.8	251.3	251.8	252.3	252.6	252.6	252.7	252.8	252.9	253.0
117.5°	279.8	279.8	279.8	279.8	279.8	279.8	280.0	280.4	280.8	281.2	281.6
120°	307.0	306.9	306.8	306.7	306.6	306.5	306.7	307.0	307.3	307.6	307.9
122.5°	331.0	331.5	332.0	332.5	333.0	333.3	333.4	333.5	333.6	333.7	333.8
125°	356.0	356.7	357.4	358.1	358.8	359.1	359.1	359.1	359.1	359.1	359.1
127.5°	380.0	380.5	381.0	381.5	382.0	382.3	382.2	382.1	382.0	381.9	381.8
130°	401.8	402.3	402.8	403.3	403.8	404.0	404.1	404.2	404.3	404.4	404.5
132.5°	423.5	424.1	424.7	425.4	426.0	426.3	426.1	425.8	425.5	425.2	424.9
135°	443.9	444.5	445.1	445.8	446.4	446.7	446.6	446.4	446.2	446.0	445.8
137.5°	463.0	463.6	464.2	464.8	465.4	465.7	465.6	465.4	465.2	465.0	464.8
140°	481.6	481.8	482.0	482.2	482.4	482.5	482.4	482.3	482.2	482.1	482.0
142.5°	498.4	498.5	498.6	498.7	498.8	498.8	498.9	499.1	499.3	499.5	499.7
145°	514.7	514.9	515.1	515.3	515.5	515.6	515.6	515.6	515.6	515.6	515.6
147.5°	529.2	529.2	529.2	529.2	529.2	529.2	529.2	529.3	529.4	529.5	529.6
150°	542.8	542.6	542.4	542.2	542.0	541.9	542.0	542.2	542.4	542.6	542.8
152.5°	555.9	555.4	554.9	554.4	553.9	553.7	553.8	554.0	554.2	554.4	554.6
155°	566.8	566.2	565.6	565.0	564.4	564.1	564.2	564.4	564.6	564.8	565.0
157.5°	575.4	575.1	574.8	574.5	574.2	574.1	574.1	574.1	574.1	574.1	574.1
160°	584.5	583.9	583.3	582.7	582.1	581.8	581.9	582.0	582.1	582.2	582.3
162.5°	591.8	591.2	590.6	590.0	589.4	589.1	589.1	589.2	589.3	589.4	589.5
165°	598.1	597.5	596.9	596.3	595.7	595.4	595.5	595.6	595.7	595.8	595.9
167.5°	603.1	602.5	601.9	601.3	600.7	600.4	600.4	600.5	600.6	600.7	600.8
170°	607.2	606.5	605.8	605.1	604.4	604.0	604.1	604.2	604.3	604.4	604.5
172.5°	609.9	609.2	608.5	607.8	607.1	606.7	606.8	607.0	607.2	607.4	607.6
175°	611.7	611.1	610.5	609.9	609.3	609.0	609.1	609.2	609.3	609.4	609.5
177.5°	613.1	612.5	611.9	611.3	610.7	610.4	610.4	610.5	610.6	610.7	610.8
180°	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1
2.5°	1638.9	1648.2	1656.2	1662.8	1668.2	1676.1	1670.8	1672.1	1674.8	1680.1	1680.1
5°	1745.3	1759.9	1767.9	1794.5	1801.2	1799.9	1795.9	1817.1	1815.8	1807.8	1806.5
7.5°	1849.1	1874.3	1897.0	1918.2	1924.9	1942.2	1946.2	1955.5	1952.8	1966.1	1959.5
10°	1943.5	1983.4	2004.7	2036.6	2044.6	2052.6	2063.2	2068.6	2080.5	2079.2	2079.2
12.5°	2016.7	2064.6	2092.5	2100.5	2131.1	2140.4	2149.7	2167.0	2163.0	2164.3	2172.3
15°	2073.9	2120.4	2144.4	2181.6	2202.9	2213.6	2229.5	2248.2	2245.5	2257.5	2254.8
17.5°	2116.5	2160.4	2204.3	2260.1	2261.5	2289.4	2326.6	2334.6	2351.9	2339.9	2339.9
20°	2151.0	2209.6	2272.1	2343.9	2351.9	2369.2	2414.4	2445.0	2465.0	2458.3	2462.3
22.5°	2188.3	2272.1	2345.3	2417.1	2455.7	2486.3	2530.2	2578.1	2595.4	2606.0	2603.3
25°	2236.2	2324.0	2431.7	2531.5	2571.4	2629.9	2688.5	2735.0	2748.3	2777.6	2751.0
27.5°	2285.4	2409.1	2543.5	2660.5	2711.1	2759.0	2829.5	2864.1	2881.4	2894.7	2885.3
30°	2326.6	2496.9	2643.2	2751.0	2786.9	2814.8	2854.8	2862.7	2856.1	2866.7	2880.0
32.5°	2390.5	2556.8	2680.5	2732.4	2728.4	2727.0	2696.5	2653.9	2644.6	2619.3	2653.9
35°	2425.1	2558.1	2606.0	2536.8	2508.9	2458.3	2361.2	2297.4	2241.5	2229.5	2232.2
37.5°	2405.1	2457.0	2399.8	2217.6	2172.3	2095.2	1966.1	1875.7	1834.4	1802.5	1843.7
40°	2297.4	2240.2	2083.2	1861.0	1795.9	1722.7	1601.6	1552.4	1493.9	1481.9	1536.5
42.5°	2119.1	1944.8	1722.7	1551.1	1483.2	1442.0	1340.9	1294.3	1253.1	1234.5	1265.1
45°	1877.0	1665.5	1442.0	1301.0	1243.8	1194.6	1134.7	1085.5	1058.9	1050.9	1076.2
47.5°	1626.9	1403.4	1225.2	1120.1	1060.2	1023.0	967.1	939.2	917.9	920.5	924.5
50°	1387.5	1183.9	1046.9	941.8	912.6	883.3	846.0	822.1	811.5	815.5	812.8
52.5°	1181.3	1016.3	900.6	819.4	806.1	778.2	747.6	727.7	723.7	725.0	729.0
55°	1000.4	871.3	779.5	721.0	706.4	686.4	667.8	654.5	643.8	647.8	646.5
57.5°	863.3	750.3	679.8	631.9	621.2	609.3	592.0	585.3	581.3	573.3	580.0
60°	742.3	650.5	589.3	560.0	550.7	542.7	524.1	516.1	513.5	509.5	520.1
62.5°	627.9	562.7	516.1	489.5	480.2	472.2	462.9	456.3	457.6	452.3	457.6
65°	537.4	484.2	451.0	427.0	415.0	409.7	408.4	397.7	396.4	397.7	399.1
67.5°	453.6	408.4	383.1	368.5	359.2	353.9	349.9	343.2	348.5	344.5	347.2
70°	377.8	347.2	320.6	306.0	302.0	303.3	296.6	294.0	295.3	292.7	295.3
72.5°	304.6	279.4	268.7	258.1	252.8	251.4	247.4	243.4	247.4	246.1	246.1
75°	243.4	224.8	212.8	206.2	206.2	203.5	196.9	196.9	196.9	195.5	196.9
77.5°	187.6	171.6	166.3	159.6	159.6	155.6	154.3	154.3	151.7	155.6	153.0
80°	139.7	127.7	119.7	115.7	115.7	114.4	111.7	110.4	111.7	110.4	110.4
82.5°	90.5	85.1	81.1	77.2	75.8	77.2	75.8	73.2	74.5	73.2	75.8
85°	51.9	46.6	46.6	43.9	45.2	42.6	43.9	41.2	39.9	43.9	41.2
87.5°	22.6	21.3	21.3	18.6	18.6	18.6	17.3	18.6	17.3	16.0	17.3
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°	7.8	8.3	8.8	9.3	9.5	9.6	9.7	9.8	9.9	10.0	9.9
95°	7.8	8.3	8.8	9.3	9.5	9.5	9.5	9.5	9.5	9.5	9.5
97.5°	8.4	8.6	8.8	9.0	9.1	9.1	9.2	9.3	9.4	9.5	9.4
100°	63.9	48.9	33.8	18.8	11.3	11.1	10.7	10.3	9.9	9.5	9.9
102.5°	106.3	106.5	106.7	106.9	107.0	102.8	94.3	85.8	77.4	68.9	77.4
105°	135.1	135.1	135.1	135.1	135.1	135.1	135.0	134.9	134.8	134.7	134.8
107.5°	165.2	165.3	165.4	165.5	165.5	165.3	164.9	164.5	164.1	163.7	164.1
110°	194.7	194.4	194.1	193.8	193.6	193.7	193.8	193.9	194.0	194.1	194.0

TEST NUMBER: P1035026

CATALOG NUMBER: S125DIW-B1090D470UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	223.6	223.2	222.8	222.4	222.2	222.1	221.9	221.7	221.5	221.3	221.5
115°	252.6	252.2	251.8	251.4	251.2	250.9	250.3	249.7	249.1	248.5	249.1
117.5°	281.0	280.4	279.8	279.2	278.9	278.8	278.6	278.4	278.2	278.0	278.2
120°	307.7	307.5	307.3	307.1	307.0	306.7	306.2	305.7	305.2	304.7	305.2
122.5°	333.6	333.4	333.1	332.9	332.8	332.5	331.9	331.3	330.7	330.1	330.7
125°	358.7	358.3	357.9	357.5	357.3	357.2	356.9	356.6	356.3	356.0	356.3
127.5°	381.6	381.4	381.2	381.0	380.9	380.5	379.7	378.9	378.1	377.3	378.1
130°	404.2	403.9	403.6	403.3	403.1	402.9	402.4	401.9	401.4	400.9	401.4
132.5°	424.9	424.9	424.9	424.9	424.9	424.6	424.1	423.6	423.1	422.6	423.1
135°	445.6	445.4	445.2	445.0	444.9	444.6	444.0	443.3	442.7	442.1	442.7
137.5°	464.8	464.8	464.8	464.8	464.8	464.5	464.0	463.5	463.0	462.5	463.0
140°	482.2	482.4	482.6	482.8	482.9	482.6	482.0	481.4	480.8	480.2	480.8
142.5°	499.7	499.7	499.7	499.7	499.7	499.4	498.8	498.2	497.6	497.0	497.6
145°	515.7	515.8	515.9	516.0	516.0	515.7	515.1	514.5	513.9	513.3	513.9
147.5°	529.7	529.8	529.9	530.0	530.1	529.7	529.0	528.3	527.6	526.9	527.6
150°	543.0	543.2	543.4	543.6	543.7	543.3	542.5	541.7	540.9	540.1	540.9
152.5°	554.8	555.0	555.2	555.4	555.5	555.1	554.4	553.7	553.0	552.3	553.0
155°	565.3	565.6	565.9	566.2	566.4	566.0	565.2	564.4	563.6	562.8	563.6
157.5°	574.4	574.7	575.0	575.3	575.4	575.0	574.2	573.4	572.6	571.8	572.6
160°	582.7	583.1	583.5	583.9	584.1	583.7	582.9	582.0	581.2	580.4	581.2
162.5°	590.1	590.7	591.3	591.9	592.2	591.7	590.8	589.9	589.0	588.1	589.0
165°	596.5	597.1	597.7	598.3	598.6	598.2	597.4	596.5	595.7	594.9	595.7
167.5°	601.5	602.2	602.9	603.6	604.0	603.5	602.6	601.7	600.8	599.9	600.8
170°	605.3	606.1	606.9	607.7	608.1	607.6	606.7	605.8	604.9	604.0	604.9
172.5°	608.3	609.0	609.7	610.4	610.8	610.3	609.4	608.5	607.6	606.7	607.6
175°	610.3	611.1	611.9	612.7	613.1	612.6	611.7	610.8	609.9	609.0	609.9
177.5°	611.5	612.2	612.9	613.6	614.0	613.6	612.8	612.0	611.2	610.4	611.2
180°	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7

TEST NUMBER: P1035026

CATALOG NUMBER: S125DIW-B1090D470UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1
2.5°	1677.5	1668.2	1670.8	1668.2	1661.5	1657.5	1646.9	1633.6	1628.2	1621.6	1617.6
5°	1811.8	1805.2	1803.8	1793.2	1790.5	1774.6	1748.0	1734.7	1718.7	1702.7	1686.8
7.5°	1958.2	1950.2	1923.6	1919.6	1922.2	1902.3	1867.7	1841.1	1807.8	1785.2	1754.6
10°	2079.2	2063.2	2040.6	2042.0	2032.6	2006.0	1971.5	1943.5	1895.6	1866.4	1822.5
12.5°	2152.4	2139.1	2136.4	2123.1	2115.1	2080.5	2039.3	2003.4	1967.5	1927.6	1894.3
15°	2241.5	2224.2	2212.2	2193.6	2188.3	2152.4	2107.1	2065.9	2024.7	1987.4	1916.9
17.5°	2339.9	2321.3	2276.1	2272.1	2240.2	2205.6	2161.7	2100.5	2056.6	2003.4	1951.5
20°	2451.7	2425.1	2366.5	2351.9	2326.6	2269.4	2209.6	2141.7	2071.2	2016.7	1955.5
22.5°	2576.7	2530.2	2487.6	2441.0	2422.4	2351.9	2269.4	2187.0	2101.8	2027.3	1954.2
25°	2739.0	2677.8	2618.0	2571.4	2539.5	2447.7	2337.3	2228.2	2129.8	2032.6	1936.9
27.5°	2866.7	2813.5	2748.3	2687.1	2645.9	2536.8	2410.4	2269.4	2147.1	2028.7	1926.2
30°	2876.0	2860.1	2820.2	2786.9	2741.7	2624.6	2484.9	2325.3	2173.7	2030.0	1904.9
32.5°	2701.8	2733.7	2751.0	2756.3	2747.0	2679.2	2551.5	2375.9	2197.6	2018.0	1886.3
35°	2326.6	2411.8	2516.9	2556.8	2595.4	2631.3	2564.8	2411.8	2205.6	2015.4	1857.1
37.5°	1915.6	1992.7	2167.0	2246.8	2292.0	2434.4	2488.9	2406.5	2221.5	2018.0	1829.1
40°	1545.8	1668.2	1793.2	1901.0	1971.5	2131.1	2300.0	2318.7	2198.9	1992.7	1793.2
42.5°	1301.0	1372.8	1467.3	1567.1	1629.6	1818.5	2047.3	2181.6	2128.4	1951.5	1749.3
45°	1108.1	1161.3	1250.5	1283.7	1363.5	1544.4	1786.5	1980.8	2007.4	1886.3	1698.8
47.5°	951.1	996.4	1053.6	1094.8	1158.7	1294.3	1499.2	1713.4	1841.1	1797.2	1628.2
50°	838.1	875.3	923.2	947.1	988.4	1110.8	1265.1	1477.9	1649.5	1664.2	1536.5
52.5°	743.6	764.9	802.2	828.8	862.0	936.5	1076.2	1251.8	1444.7	1524.5	1423.4
55°	661.1	678.4	711.7	729.0	746.3	810.1	919.2	1078.8	1259.8	1364.9	1307.7
57.5°	586.6	601.3	629.2	645.2	654.5	715.7	799.5	924.5	1086.8	1214.5	1182.6
60°	525.5	538.8	554.7	566.7	577.3	627.9	686.4	787.5	932.5	1056.2	1048.3
62.5°	460.3	472.2	489.5	501.5	510.8	542.7	592.0	669.1	792.8	907.2	929.9
65°	403.1	412.4	424.4	429.7	441.6	465.6	505.5	574.7	675.8	778.2	794.2
67.5°	351.2	353.9	361.8	373.8	376.5	397.7	433.7	485.5	564.0	647.8	673.1
70°	295.3	299.3	306.0	315.3	320.6	333.9	364.5	399.1	466.9	540.1	558.7
72.5°	246.1	251.4	254.1	259.4	262.1	283.3	296.6	331.2	377.8	439.0	458.9
75°	199.5	204.9	206.2	208.9	211.5	220.8	239.4	260.7	299.3	339.2	365.8
77.5°	158.3	157.0	159.6	163.6	162.3	170.3	182.2	200.9	226.1	259.4	276.7
80°	111.7	111.7	115.7	119.7	118.4	126.4	130.4	143.7	165.0	186.2	192.9
82.5°	74.5	74.5	78.5	78.5	81.1	82.5	87.8	94.4	111.7	122.4	126.4
85°	42.6	42.6	43.9	43.9	43.9	46.6	50.6	53.2	58.5	65.2	67.8
87.5°	17.3	18.6	18.6	18.6	18.6	21.3	21.3	23.9	25.3	27.9	27.9
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°	9.8	9.7	9.6	9.5	9.3	8.8	8.3	7.8	7.3	6.7	6.1
95°	9.5	9.5	9.5	9.5	9.3	8.8	8.3	7.8	7.3	11.1	14.9
97.5°	9.3	9.2	9.1	9.1	9.0	8.8	8.6	8.4	8.2	17.8	27.3
100°	10.3	10.7	11.1	11.3	18.8	33.8	48.9	63.9	78.9	78.5	78.1
102.5°	85.8	94.3	102.8	107.0	106.9	106.7	106.5	106.3	106.1	105.9	105.7
105°	134.9	135.0	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1
107.5°	164.5	164.9	165.3	165.5	165.5	165.4	165.3	165.2	165.1	164.9	164.7
110°	193.9	193.8	193.7	193.6	193.8	194.1	194.4	194.7	195.0	194.8	194.6

TEST NUMBER: P1035026

CATALOG NUMBER: S125DIW-B1090D470UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	221.7	221.9	222.1	222.2	222.4	222.8	223.2	223.6	224.0	223.9	223.8
115°	249.7	250.3	250.9	251.2	251.4	251.8	252.2	252.6	253.0	252.9	252.8
117.5°	278.4	278.6	278.8	278.9	279.2	279.8	280.4	281.0	281.6	281.2	280.8
120°	305.7	306.2	306.7	307.0	307.1	307.3	307.5	307.7	307.9	307.6	307.3
122.5°	331.3	331.9	332.5	332.8	332.9	333.1	333.4	333.6	333.8	333.7	333.6
125°	356.6	356.9	357.2	357.3	357.5	357.9	358.3	358.7	359.1	359.1	359.1
127.5°	378.9	379.7	380.5	380.9	381.0	381.2	381.4	381.6	381.8	381.9	382.0
130°	401.9	402.4	402.9	403.1	403.3	403.6	403.9	404.2	404.5	404.4	404.3
132.5°	423.6	424.1	424.6	424.9	424.9	424.9	424.9	424.9	424.9	425.2	425.5
135°	443.3	444.0	444.6	444.9	445.0	445.2	445.4	445.6	445.8	446.0	446.2
137.5°	463.5	464.0	464.5	464.8	464.8	464.8	464.8	464.8	464.8	465.0	465.2
140°	481.4	482.0	482.6	482.9	482.8	482.6	482.4	482.2	482.0	482.1	482.2
142.5°	498.2	498.8	499.4	499.7	499.7	499.7	499.7	499.7	499.7	499.5	499.3
145°	514.5	515.1	515.7	516.0	516.0	515.9	515.8	515.7	515.6	515.6	515.6
147.5°	528.3	529.0	529.7	530.1	530.0	529.9	529.8	529.7	529.6	529.5	529.4
150°	541.7	542.5	543.3	543.7	543.6	543.4	543.2	543.0	542.8	542.6	542.4
152.5°	553.7	554.4	555.1	555.5	555.4	555.2	555.0	554.8	554.6	554.4	554.2
155°	564.4	565.2	566.0	566.4	566.2	565.9	565.6	565.3	565.0	564.8	564.6
157.5°	573.4	574.2	575.0	575.4	575.3	575.0	574.7	574.4	574.1	574.1	574.1
160°	582.0	582.9	583.7	584.1	583.9	583.5	583.1	582.7	582.3	582.2	582.1
162.5°	589.9	590.8	591.7	592.2	591.9	591.3	590.7	590.1	589.5	589.4	589.3
165°	596.5	597.4	598.2	598.6	598.3	597.7	597.1	596.5	595.9	595.8	595.7
167.5°	601.7	602.6	603.5	604.0	603.6	602.9	602.2	601.5	600.8	600.7	600.6
170°	605.8	606.7	607.6	608.1	607.7	606.9	606.1	605.3	604.5	604.4	604.3
172.5°	608.5	609.4	610.3	610.8	610.4	609.7	609.0	608.3	607.6	607.4	607.2
175°	610.8	611.7	612.6	613.1	612.7	611.9	611.1	610.3	609.5	609.4	609.3
177.5°	612.0	612.8	613.6	614.0	613.6	612.9	612.2	611.5	610.8	610.7	610.6
180°	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7

TEST NUMBER: P1035026

CATALOG NUMBER: S125DIW-B1090D470UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1
2.5°	1612.3	1605.6	1597.7	1597.7	1588.3	1584.3	1576.4	1573.7	1567.1	1556.4	1548.4
5°	1669.5	1652.2	1641.5	1632.2	1612.3	1597.7	1583.0	1567.1	1551.1	1532.5	1511.2
7.5°	1725.4	1693.4	1678.8	1662.8	1633.6	1603.0	1573.7	1552.4	1531.1	1501.9	1475.3
10°	1783.9	1744.0	1717.4	1696.1	1650.9	1612.3	1569.7	1539.1	1505.9	1468.6	1434.0
12.5°	1833.1	1781.2	1758.6	1718.7	1666.8	1620.3	1567.1	1520.5	1476.6	1432.7	1390.1
15°	1874.3	1825.1	1769.3	1753.3	1681.5	1614.9	1555.1	1495.2	1440.7	1396.8	1347.6
17.5°	1887.6	1825.1	1797.2	1758.6	1673.5	1604.3	1528.5	1463.3	1411.4	1346.2	1307.7
20°	1891.6	1831.8	1793.2	1757.3	1681.5	1589.7	1515.2	1435.4	1372.8	1307.7	1246.5
22.5°	1881.0	1810.5	1773.2	1738.7	1653.5	1575.0	1488.6	1400.8	1327.6	1267.7	1206.6
25°	1861.0	1778.6	1742.6	1705.4	1624.3	1537.8	1443.3	1359.5	1291.7	1219.9	1160.0
27.5°	1834.4	1740.0	1698.8	1660.2	1580.4	1499.2	1410.1	1323.6	1247.8	1172.0	1116.1
30°	1801.2	1692.1	1654.9	1604.3	1527.1	1450.0	1368.8	1282.4	1197.2	1125.4	1064.2
32.5°	1758.6	1644.2	1595.0	1547.1	1463.3	1392.8	1315.6	1234.5	1152.0	1081.5	1017.7
35°	1720.0	1589.7	1535.1	1487.2	1394.1	1319.6	1255.8	1179.9	1106.8	1033.6	976.4
37.5°	1668.2	1535.1	1469.9	1420.7	1326.3	1250.5	1190.6	1132.1	1054.9	984.4	931.2
40°	1613.6	1467.3	1406.1	1356.9	1258.4	1176.0	1118.8	1066.9	1004.4	939.2	883.3
42.5°	1564.4	1402.1	1336.9	1277.1	1177.3	1104.1	1045.6	1005.7	948.5	889.9	839.4
45°	1501.9	1332.9	1262.4	1199.9	1104.1	1024.3	968.4	936.5	893.9	836.7	792.8
47.5°	1438.0	1258.4	1185.3	1124.1	1020.3	949.8	895.3	864.7	835.4	790.2	746.3
50°	1354.2	1179.9	1113.4	1042.9	940.5	868.7	823.4	792.8	770.2	738.3	701.1
52.5°	1262.4	1098.8	1027.0	965.8	864.7	799.5	747.6	730.3	707.7	683.8	651.8
55°	1165.3	1011.0	941.8	882.0	788.8	722.3	679.8	661.1	643.8	625.2	603.9
57.5°	1068.2	919.2	854.0	800.8	714.4	650.5	615.9	590.6	578.7	568.0	550.7
60°	947.1	820.8	770.2	722.3	637.2	578.7	545.4	526.8	516.1	510.8	502.8
62.5°	840.7	737.0	681.1	634.5	566.7	514.8	482.9	468.3	458.9	456.3	447.0
65°	727.7	638.5	594.6	554.7	496.2	449.6	423.0	405.7	399.1	397.7	397.7
67.5°	621.2	549.4	505.5	477.6	427.0	385.8	360.5	353.9	349.9	344.5	343.2
70°	521.5	464.3	425.7	401.7	356.5	325.9	306.0	295.3	295.3	291.3	288.7
72.5°	433.7	376.5	351.2	331.2	294.0	267.4	252.8	250.1	240.8	239.4	239.4
75°	339.2	296.6	279.4	262.1	234.1	215.5	203.5	196.9	191.6	191.6	192.9
77.5°	255.4	226.1	210.2	196.9	176.9	165.0	155.6	153.0	147.7	147.7	147.7
80°	180.9	165.0	153.0	142.3	127.7	117.1	111.7	106.4	106.4	105.1	106.4
82.5°	117.1	103.8	97.1	95.8	82.5	78.5	71.8	73.2	69.2	67.8	70.5
85°	67.8	61.2	53.2	50.6	45.2	39.9	37.2	38.6	37.2	35.9	37.2
87.5°	26.6	22.6	21.3	21.3	17.3	16.0	14.6	16.0	13.3	13.3	14.6
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°	5.4	4.8	4.5	5.0	5.9	6.8	7.7	8.6	7.7	6.8	5.9
95°	18.8	22.6	24.5	24.6	24.9	25.2	25.5	25.8	25.5	25.2	24.9
97.5°	36.9	46.4	51.2	50.9	50.3	49.7	49.1	48.5	49.1	49.7	50.3
100°	77.7	77.3	77.1	76.9	76.6	76.3	76.0	75.7	76.0	76.3	76.6
102.5°	105.5	105.3	105.2	105.0	104.6	104.2	103.8	103.4	103.8	104.2	104.6
105°	135.1	135.1	135.1	134.9	134.5	134.1	133.7	133.3	133.7	134.1	134.5
107.5°	164.5	164.3	164.2	164.2	164.2	164.2	164.2	164.2	164.2	164.2	164.2
110°	194.4	194.2	194.1	194.1	194.1	194.1	194.1	194.1	194.1	194.1	194.1

TEST NUMBER: P1035026

CATALOG NUMBER: S125DIW-B1090D470UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	223.7	223.6	223.6	223.4	223.1	222.8	222.5	222.2	222.5	222.8	223.1
115°	252.7	252.6	252.6	252.3	251.8	251.3	250.8	250.3	250.8	251.3	251.8
117.5°	280.4	280.0	279.8	279.8	279.8	279.8	279.8	279.8	279.8	279.8	279.8
120°	307.0	306.7	306.5	306.6	306.7	306.8	306.9	307.0	306.9	306.8	306.7
122.5°	333.5	333.4	333.3	333.0	332.5	332.0	331.5	331.0	331.5	332.0	332.5
125°	359.1	359.1	359.1	358.8	358.1	357.4	356.7	356.0	356.7	357.4	358.1
127.5°	382.1	382.2	382.3	382.0	381.5	381.0	380.5	380.0	380.5	381.0	381.5
130°	404.2	404.1	404.0	403.8	403.3	402.8	402.3	401.8	402.3	402.8	403.3
132.5°	425.8	426.1	426.3	426.0	425.4	424.7	424.1	423.5	424.1	424.7	425.4
135°	446.4	446.6	446.7	446.4	445.8	445.1	444.5	443.9	444.5	445.1	445.8
137.5°	465.4	465.6	465.7	465.4	464.8	464.2	463.6	463.0	463.6	464.2	464.8
140°	482.3	482.4	482.5	482.4	482.2	482.0	481.8	481.6	481.8	482.0	482.2
142.5°	499.1	498.9	498.8	498.8	498.7	498.6	498.5	498.4	498.5	498.6	498.7
145°	515.6	515.6	515.6	515.5	515.3	515.1	514.9	514.7	514.9	515.1	515.3
147.5°	529.3	529.2	529.2	529.2	529.2	529.2	529.2	529.2	529.2	529.2	529.2
150°	542.2	542.0	541.9	542.0	542.2	542.4	542.6	542.8	542.6	542.4	542.2
152.5°	554.0	553.8	553.7	553.9	554.4	554.9	555.4	555.9	555.4	554.9	554.4
155°	564.4	564.2	564.1	564.4	565.0	565.6	566.2	566.8	566.2	565.6	565.0
157.5°	574.1	574.1	574.1	574.2	574.5	574.8	575.1	575.4	575.1	574.8	574.5
160°	582.0	581.9	581.8	582.1	582.7	583.3	583.9	584.5	583.9	583.3	582.7
162.5°	589.2	589.1	589.1	589.4	590.0	590.6	591.2	591.8	591.2	590.6	590.0
165°	595.6	595.5	595.4	595.7	596.3	596.9	597.5	598.1	597.5	596.9	596.3
167.5°	600.5	600.4	600.4	600.7	601.3	601.9	602.5	603.1	602.5	601.9	601.3
170°	604.2	604.1	604.0	604.4	605.1	605.8	606.5	607.2	606.5	605.8	605.1
172.5°	607.0	606.8	606.7	607.1	607.8	608.5	609.2	609.9	609.2	608.5	607.8
175°	609.2	609.1	609.0	609.3	609.9	610.5	611.1	611.7	611.1	610.5	609.9
177.5°	610.5	610.4	610.4	610.7	611.3	611.9	612.5	613.1	612.5	611.9	611.3
180°	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7

TEST NUMBER: P1035026

CATALOG NUMBER: S125DIW-B1090D470UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1
2.5°	1545.8	1543.1	1536.5	1532.5	1519.2	1503.2	1497.9	1484.6	1489.9	1480.6	1480.6
5°	1504.5	1492.6	1484.6	1472.6	1447.3	1430.0	1411.4	1402.1	1396.8	1390.1	1384.8
7.5°	1451.3	1442.0	1434.0	1411.4	1383.5	1359.5	1336.9	1327.6	1310.3	1298.3	1293.0
10°	1404.8	1391.5	1372.8	1346.2	1317.0	1286.4	1266.4	1246.5	1233.2	1226.5	1211.9
12.5°	1356.9	1340.9	1321.0	1282.4	1250.5	1231.8	1195.9	1177.3	1170.6	1165.3	1148.0
15°	1307.7	1290.4	1266.4	1230.5	1202.6	1158.7	1137.4	1122.7	1106.8	1105.5	1092.1
17.5°	1263.8	1242.5	1222.5	1178.6	1144.0	1105.5	1093.5	1077.5	1062.9	1046.9	1040.3
20°	1207.9	1187.9	1173.3	1125.4	1086.8	1062.9	1042.9	1029.6	1020.3	1004.4	1001.7
22.5°	1157.3	1136.0	1116.1	1080.2	1046.9	1016.3	992.4	977.7	973.8	967.1	955.1
25°	1108.1	1086.8	1062.9	1029.6	995.0	973.8	952.5	943.2	935.2	924.5	915.2
27.5°	1066.9	1046.9	1024.3	983.1	953.8	937.8	915.2	904.6	893.9	888.6	884.6
30°	1017.7	995.0	977.7	945.8	913.9	892.6	876.6	867.3	858.0	852.7	850.0
32.5°	969.8	948.5	936.5	901.9	876.6	851.4	839.4	832.7	827.4	822.1	816.8
35°	931.2	909.9	891.3	859.4	834.1	816.8	807.5	796.8	792.8	787.5	787.5
37.5°	883.3	867.3	848.7	818.1	795.5	782.2	774.2	760.9	759.6	756.9	752.9
40°	842.1	826.1	808.8	782.2	762.2	746.3	735.6	729.0	725.0	722.3	719.7
42.5°	798.2	780.9	772.9	742.3	725.0	709.0	703.7	697.1	695.7	690.4	683.8
45°	755.6	741.0	725.0	702.4	687.7	674.4	666.5	661.1	654.5	653.2	649.2
47.5°	718.3	701.1	686.4	665.1	649.2	638.5	631.9	625.2	619.9	615.9	611.9
50°	670.5	657.2	645.2	622.6	609.3	598.6	589.3	584.0	578.7	578.7	578.7
52.5°	623.9	611.9	601.3	585.3	569.4	560.0	549.4	545.4	542.7	538.8	542.7
55°	578.7	566.7	556.1	544.1	525.5	517.5	506.8	502.8	504.2	504.2	508.2
57.5°	530.8	521.5	514.8	500.2	482.9	474.9	468.3	464.3	464.3	469.6	470.9
60°	484.2	474.9	462.9	449.6	439.0	429.7	425.7	427.0	427.0	429.7	436.3
62.5°	432.3	427.0	420.4	401.7	395.1	388.4	383.1	387.1	385.8	392.4	401.7
65°	384.4	379.1	369.8	360.5	352.5	345.9	344.5	345.9	348.5	355.2	365.8
67.5°	331.2	331.2	323.3	315.3	308.6	302.0	303.3	304.6	307.3	315.3	331.2
70°	287.3	282.0	274.0	268.7	263.4	260.7	258.1	263.4	271.4	276.7	288.7
72.5°	239.4	235.5	228.8	223.5	222.2	219.5	218.2	220.8	228.8	238.1	251.4
75°	188.9	190.2	186.2	182.2	182.2	178.3	180.9	180.9	188.9	198.2	208.9
77.5°	146.3	145.0	143.7	141.0	139.7	139.7	139.7	142.3	150.3	155.6	166.3
80°	103.8	105.1	101.1	102.4	101.1	102.4	102.4	107.8	111.7	118.4	126.4
82.5°	69.2	69.2	66.5	67.8	67.8	67.8	69.2	71.8	77.2	82.5	87.8
85°	38.6	39.9	37.2	39.9	39.9	39.9	41.2	42.6	46.6	47.9	53.2
87.5°	14.6	17.3	17.3	14.6	16.0	17.3	18.6	17.3	20.0	22.6	23.9
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°	5.0	4.5	4.8	5.4	6.1	6.7	7.3	7.8	8.3	8.8	9.3
95°	24.6	24.5	22.6	18.8	14.9	11.1	7.3	7.8	8.3	8.8	9.3
97.5°	50.9	51.2	46.4	36.9	27.3	17.8	8.2	8.4	8.6	8.8	9.0
100°	76.9	77.1	77.3	77.7	78.1	78.5	78.9	63.9	48.9	33.8	18.8
102.5°	105.0	105.2	105.3	105.5	105.7	105.9	106.1	106.3	106.5	106.7	106.9
105°	134.9	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1
107.5°	164.2	164.2	164.3	164.5	164.7	164.9	165.1	165.2	165.3	165.4	165.5
110°	194.1	194.1	194.2	194.4	194.6	194.8	195.0	194.7	194.4	194.1	193.8

TEST NUMBER: P1035026

CATALOG NUMBER: S125DIW-B1090D470UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	223.4	223.6	223.6	223.7	223.8	223.9	224.0	223.6	223.2	222.8	222.4
115°	252.3	252.6	252.6	252.7	252.8	252.9	253.0	252.6	252.2	251.8	251.4
117.5°	279.8	279.8	280.0	280.4	280.8	281.2	281.6	281.0	280.4	279.8	279.2
120°	306.6	306.5	306.7	307.0	307.3	307.6	307.9	307.7	307.5	307.3	307.1
122.5°	333.0	333.3	333.4	333.5	333.6	333.7	333.8	333.6	333.4	333.1	332.9
125°	358.8	359.1	359.1	359.1	359.1	359.1	359.1	358.7	358.3	357.9	357.5
127.5°	382.0	382.3	382.2	382.1	382.0	381.9	381.8	381.6	381.4	381.2	381.0
130°	403.8	404.0	404.1	404.2	404.3	404.4	404.5	404.2	403.9	403.6	403.3
132.5°	426.0	426.3	426.1	425.8	425.5	425.2	424.9	424.9	424.9	424.9	424.9
135°	446.4	446.7	446.6	446.4	446.2	446.0	445.8	445.6	445.4	445.2	445.0
137.5°	465.4	465.7	465.6	465.4	465.2	465.0	464.8	464.8	464.8	464.8	464.8
140°	482.4	482.5	482.4	482.3	482.2	482.1	482.0	482.2	482.4	482.6	482.8
142.5°	498.8	498.8	498.9	499.1	499.3	499.5	499.7	499.7	499.7	499.7	499.7
145°	515.5	515.6	515.6	515.6	515.6	515.6	515.6	515.7	515.8	515.9	516.0
147.5°	529.2	529.2	529.2	529.3	529.4	529.5	529.6	529.7	529.8	529.9	530.0
150°	542.0	541.9	542.0	542.2	542.4	542.6	542.8	543.0	543.2	543.4	543.6
152.5°	553.9	553.7	553.8	554.0	554.2	554.4	554.6	554.8	555.0	555.2	555.4
155°	564.4	564.1	564.2	564.4	564.6	564.8	565.0	565.3	565.6	565.9	566.2
157.5°	574.2	574.1	574.1	574.1	574.1	574.1	574.1	574.4	574.7	575.0	575.3
160°	582.1	581.8	581.9	582.0	582.1	582.2	582.3	582.7	583.1	583.5	583.9
162.5°	589.4	589.1	589.1	589.2	589.3	589.4	589.5	590.1	590.7	591.3	591.9
165°	595.7	595.4	595.5	595.6	595.7	595.8	595.9	596.5	597.1	597.7	598.3
167.5°	600.7	600.4	600.4	600.5	600.6	600.7	600.8	601.5	602.2	602.9	603.6
170°	604.4	604.0	604.1	604.2	604.3	604.4	604.5	605.3	606.1	606.9	607.7
172.5°	607.1	606.7	606.8	607.0	607.2	607.4	607.6	608.3	609.0	609.7	610.4
175°	609.3	609.0	609.1	609.2	609.3	609.4	609.5	610.3	611.1	611.9	612.7
177.5°	610.7	610.4	610.4	610.5	610.6	610.7	610.8	611.5	612.2	612.9	613.6
180°	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7

TEST NUMBER: P1035026

CATALOG NUMBER: S125DIW-B1090D470UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1
2.5°	1485.9	1476.6	1475.3	1477.9	1472.6	1480.6	1477.9	1480.6	1473.9	1480.6	1476.6
5°	1383.5	1380.8	1375.5	1368.8	1370.2	1371.5	1378.2	1371.5	1376.8	1378.2	1384.8
7.5°	1287.7	1282.4	1286.4	1283.7	1271.7	1269.1	1271.7	1275.7	1283.7	1289.0	1293.0
10°	1210.5	1207.9	1202.6	1198.6	1191.9	1187.9	1193.2	1187.9	1198.6	1207.9	1207.9
12.5°	1152.0	1141.4	1134.7	1133.4	1118.8	1121.4	1126.7	1130.7	1142.7	1148.0	1148.0
15°	1090.8	1082.8	1080.2	1074.9	1069.5	1074.9	1072.2	1076.2	1081.5	1086.8	1089.5
17.5°	1037.6	1036.3	1037.6	1024.3	1028.3	1021.6	1023.0	1029.6	1025.6	1029.6	1037.6
20°	989.7	992.4	988.4	983.1	983.1	975.1	984.4	981.7	983.1	991.0	1003.0
22.5°	953.8	952.5	948.5	944.5	939.2	940.5	941.8	939.2	949.8	956.5	957.8
25°	915.2	912.6	911.2	907.2	901.9	907.2	905.9	907.2	909.9	920.5	912.6
27.5°	879.3	874.0	876.6	872.7	871.3	872.7	872.7	874.0	876.6	878.0	879.3
30°	848.7	843.4	842.1	839.4	838.1	839.4	842.1	839.4	850.0	848.7	848.7
32.5°	815.5	811.5	808.8	808.8	807.5	806.1	807.5	808.8	816.8	811.5	816.8
35°	783.5	780.9	780.9	778.2	776.9	776.9	776.9	782.2	779.5	783.5	783.5
37.5°	752.9	752.9	751.6	748.9	747.6	748.9	747.6	750.3	748.9	750.3	751.6
40°	721.0	718.3	717.0	717.0	713.0	709.0	713.0	713.0	714.4	718.3	719.7
42.5°	682.4	683.8	683.8	678.4	678.4	678.4	679.8	681.1	681.1	683.8	683.8
45°	649.2	646.5	646.5	646.5	643.8	645.2	647.8	647.8	647.8	647.8	645.2
47.5°	611.9	611.9	613.3	613.3	617.2	615.9	615.9	614.6	611.9	611.9	613.3
50°	577.3	581.3	582.7	582.7	584.0	585.3	585.3	582.7	581.3	577.3	577.3
52.5°	544.1	546.7	549.4	553.4	556.1	554.7	554.7	552.1	546.7	545.4	544.1
55°	508.2	512.2	517.5	521.5	525.5	526.8	526.8	521.5	516.1	509.5	509.5
57.5°	474.9	478.9	488.2	492.2	497.5	497.5	494.9	490.9	482.9	477.6	473.6
60°	441.6	448.3	455.0	462.9	469.6	470.9	466.9	461.6	452.3	445.6	440.3
62.5°	405.7	412.4	425.7	433.7	439.0	439.0	439.0	432.3	420.4	411.1	403.1
65°	371.1	377.8	389.8	400.4	404.4	408.4	404.4	397.7	388.4	377.8	369.8
67.5°	335.2	343.2	355.2	363.2	368.5	372.5	369.8	364.5	352.5	337.9	332.6
70°	295.3	299.3	316.6	324.6	332.6	335.2	332.6	324.6	312.6	296.6	291.3
72.5°	258.1	262.1	278.0	284.7	291.3	294.0	290.0	284.7	274.0	259.4	252.8
75°	215.5	222.2	230.1	240.8	248.8	251.4	247.4	243.4	230.1	220.8	215.5
77.5°	170.3	176.9	187.6	196.9	204.9	203.5	198.2	199.5	184.9	174.3	170.3
80°	129.0	134.4	142.3	150.3	154.3	154.3	153.0	147.7	142.3	134.4	127.7
82.5°	89.1	95.8	102.4	107.8	107.8	109.1	106.4	105.1	99.8	93.1	91.8
85°	53.2	54.5	59.9	59.9	65.2	62.5	61.2	65.2	59.9	55.9	54.5
87.5°	23.9	22.6	23.9	23.9	22.6	25.3	25.3	23.9	25.3	23.9	23.9
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°	9.5	9.6	9.7	9.8	9.9	10.0	9.9	9.8	9.7	9.6	9.5
95°	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
97.5°	9.1	9.1	9.2	9.3	9.4	9.5	9.4	9.3	9.2	9.1	9.1
100°	11.3	11.1	10.7	10.3	9.9	9.5	9.9	10.3	10.7	11.1	11.3
102.5°	107.0	102.8	94.3	85.8	77.4	68.9	77.4	85.8	94.3	102.8	107.0
105°	135.1	135.1	135.0	134.9	134.8	134.7	134.8	134.9	135.0	135.1	135.1
107.5°	165.5	165.3	164.9	164.5	164.1	163.7	164.1	164.5	164.9	165.3	165.5
110°	193.6	193.7	193.8	193.9	194.0	194.1	194.0	193.9	193.8	193.7	193.6

TEST NUMBER: P1035026

CATALOG NUMBER: S125DIW-B1090D470UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	222.2	222.1	221.9	221.7	221.5	221.3	221.5	221.7	221.9	222.1	222.2
115°	251.2	250.9	250.3	249.7	249.1	248.5	249.1	249.7	250.3	250.9	251.2
117.5°	278.9	278.8	278.6	278.4	278.2	278.0	278.2	278.4	278.6	278.8	278.9
120°	307.0	306.7	306.2	305.7	305.2	304.7	305.2	305.7	306.2	306.7	307.0
122.5°	332.8	332.5	331.9	331.3	330.7	330.1	330.7	331.3	331.9	332.5	332.8
125°	357.3	357.2	356.9	356.6	356.3	356.0	356.3	356.6	356.9	357.2	357.3
127.5°	380.9	380.5	379.7	378.9	378.1	377.3	378.1	378.9	379.7	380.5	380.9
130°	403.1	402.9	402.4	401.9	401.4	400.9	401.4	401.9	402.4	402.9	403.1
132.5°	424.9	424.6	424.1	423.6	423.1	422.6	423.1	423.6	424.1	424.6	424.9
135°	444.9	444.6	444.0	443.3	442.7	442.1	442.7	443.3	444.0	444.6	444.9
137.5°	464.8	464.5	464.0	463.5	463.0	462.5	463.0	463.5	464.0	464.5	464.8
140°	482.9	482.6	482.0	481.4	480.8	480.2	480.8	481.4	482.0	482.6	482.9
142.5°	499.7	499.4	498.8	498.2	497.6	497.0	497.6	498.2	498.8	499.4	499.7
145°	516.0	515.7	515.1	514.5	513.9	513.3	513.9	514.5	515.1	515.7	516.0
147.5°	530.1	529.7	529.0	528.3	527.6	526.9	527.6	528.3	529.0	529.7	530.1
150°	543.7	543.3	542.5	541.7	540.9	540.1	540.9	541.7	542.5	543.3	543.7
152.5°	555.5	555.1	554.4	553.7	553.0	552.3	553.0	553.7	554.4	555.1	555.5
155°	566.4	566.0	565.2	564.4	563.6	562.8	563.6	564.4	565.2	566.0	566.4
157.5°	575.4	575.0	574.2	573.4	572.6	571.8	572.6	573.4	574.2	575.0	575.4
160°	584.1	583.7	582.9	582.0	581.2	580.4	581.2	582.0	582.9	583.7	584.1
162.5°	592.2	591.7	590.8	589.9	589.0	588.1	589.0	589.9	590.8	591.7	592.2
165°	598.6	598.2	597.4	596.5	595.7	594.9	595.7	596.5	597.4	598.2	598.6
167.5°	604.0	603.5	602.6	601.7	600.8	599.9	600.8	601.7	602.6	603.5	604.0
170°	608.1	607.6	606.7	605.8	604.9	604.0	604.9	605.8	606.7	607.6	608.1
172.5°	610.8	610.3	609.4	608.5	607.6	606.7	607.6	608.5	609.4	610.3	610.8
175°	613.1	612.6	611.7	610.8	609.9	609.0	609.9	610.8	611.7	612.6	613.1
177.5°	614.0	613.6	612.8	612.0	611.2	610.4	611.2	612.0	612.8	613.6	614.0
180°	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7

TEST NUMBER: P1035026

CATALOG NUMBER: S125DIW-B1090D470UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1
2.5°	1488.6	1480.6	1489.9	1477.9	1480.6	1495.2	1493.9	1507.2	1515.2	1513.8	1520.5
5°	1390.1	1390.1	1394.1	1392.8	1406.1	1418.1	1434.0	1447.3	1462.0	1469.9	1479.3
7.5°	1293.0	1306.3	1309.0	1315.6	1331.6	1351.6	1367.5	1387.5	1408.8	1423.4	1434.0
10°	1213.2	1223.8	1234.5	1239.8	1257.1	1283.7	1306.3	1338.2	1364.9	1380.8	1395.4
12.5°	1142.7	1154.7	1160.0	1183.9	1195.9	1213.2	1245.1	1279.7	1309.0	1326.3	1338.2
15°	1092.1	1098.8	1110.8	1125.4	1137.4	1158.7	1185.3	1223.8	1251.8	1266.4	1307.7
17.5°	1049.6	1057.6	1064.2	1070.9	1089.5	1112.1	1137.4	1170.6	1206.6	1231.8	1253.1
20°	1005.7	1009.7	1017.7	1028.3	1041.6	1062.9	1085.5	1120.1	1152.0	1172.0	1199.9
22.5°	953.8	965.8	973.8	981.7	996.4	1020.3	1041.6	1066.9	1106.8	1129.4	1158.7
25°	923.2	928.5	933.8	943.2	953.8	975.1	999.0	1025.6	1057.6	1081.5	1106.8
27.5°	883.3	891.3	897.9	909.9	916.6	933.8	956.5	983.1	1021.6	1041.6	1062.9
30°	850.0	858.0	863.3	868.7	878.0	896.6	917.9	939.2	975.1	1000.4	1021.6
32.5°	816.8	824.8	831.4	835.4	844.7	856.7	874.0	900.6	931.2	948.5	976.4
35°	787.5	787.5	795.5	800.8	808.8	819.4	835.4	855.4	887.3	909.9	935.2
37.5°	754.3	755.6	762.2	766.2	774.2	784.9	800.8	819.4	846.0	863.3	888.6
40°	719.7	723.7	726.3	733.0	742.3	746.3	762.2	783.5	810.1	826.1	847.4
42.5°	685.1	687.7	694.4	699.7	707.7	714.4	725.0	744.9	764.9	788.8	806.1
45°	646.5	653.2	657.2	666.5	670.5	677.1	687.7	703.7	727.7	742.3	762.2
47.5°	613.3	615.9	618.6	630.5	638.5	642.5	653.2	662.5	687.7	701.1	719.7
50°	577.3	577.3	581.3	586.6	596.0	603.9	613.3	623.9	643.8	657.2	675.8
52.5°	544.1	540.1	542.7	545.4	554.7	562.7	572.0	586.6	605.3	613.3	629.2
55°	508.2	501.5	505.5	509.5	512.2	522.8	533.4	542.7	557.4	569.4	584.0
57.5°	469.6	468.3	465.6	466.9	473.6	480.2	488.2	500.2	517.5	526.8	534.8
60°	435.0	427.0	424.4	427.0	431.0	435.0	445.6	456.3	470.9	480.2	489.5
62.5°	399.1	391.1	385.8	381.8	385.8	395.1	401.7	409.7	421.7	432.3	440.3
65°	364.5	352.5	347.2	344.5	343.2	349.9	355.2	365.8	376.5	380.5	389.8
67.5°	325.9	315.3	308.6	304.6	304.6	304.6	310.0	320.6	331.2	332.6	341.9
70°	287.3	275.4	268.7	263.4	260.7	263.4	270.0	271.4	280.7	283.3	288.7
72.5°	246.1	235.5	227.5	220.8	222.2	224.8	224.8	227.5	232.8	239.4	239.4
75°	207.5	192.9	188.9	183.6	180.9	180.9	180.9	186.2	190.2	195.5	194.2
77.5°	163.6	155.6	147.7	145.0	141.0	139.7	142.3	142.3	145.0	149.0	150.3
80°	126.4	117.1	111.7	109.1	103.8	102.4	103.8	103.8	107.8	106.4	107.8
82.5°	87.8	81.1	77.2	73.2	70.5	71.8	70.5	70.5	71.8	70.5	70.5
85°	50.6	49.2	46.6	45.2	43.9	41.2	43.9	42.6	41.2	39.9	42.6
87.5°	23.9	22.6	22.6	20.0	20.0	18.6	20.0	20.0	18.6	18.6	18.6
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°	9.3	8.8	8.3	7.8	7.3	6.7	6.1	5.4	4.8	4.5	5.0
95°	9.3	8.8	8.3	7.8	7.3	11.1	14.9	18.8	22.6	24.5	24.6
97.5°	9.0	8.8	8.6	8.4	8.2	17.8	27.3	36.9	46.4	51.2	50.9
100°	18.8	33.8	48.9	63.9	78.9	78.5	78.1	77.7	77.3	77.1	76.9
102.5°	106.9	106.7	106.5	106.3	106.1	105.9	105.7	105.5	105.3	105.2	105.0
105°	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1	134.9
107.5°	165.5	165.4	165.3	165.2	165.1	164.9	164.7	164.5	164.3	164.2	164.2
110°	193.8	194.1	194.4	194.7	195.0	194.8	194.6	194.4	194.2	194.1	194.1

TEST NUMBER: P1035026

CATALOG NUMBER: S125DIW-B1090D470UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	222.4	222.8	223.2	223.6	224.0	223.9	223.8	223.7	223.6	223.6	223.4
115°	251.4	251.8	252.2	252.6	253.0	252.9	252.8	252.7	252.6	252.6	252.3
117.5°	279.2	279.8	280.4	281.0	281.6	281.2	280.8	280.4	280.0	279.8	279.8
120°	307.1	307.3	307.5	307.7	307.9	307.6	307.3	307.0	306.7	306.5	306.6
122.5°	332.9	333.1	333.4	333.6	333.8	333.7	333.6	333.5	333.4	333.3	333.0
125°	357.5	357.9	358.3	358.7	359.1	359.1	359.1	359.1	359.1	359.1	358.8
127.5°	381.0	381.2	381.4	381.6	381.8	381.9	382.0	382.1	382.2	382.3	382.0
130°	403.3	403.6	403.9	404.2	404.5	404.4	404.3	404.2	404.1	404.0	403.8
132.5°	424.9	424.9	424.9	424.9	424.9	425.2	425.5	425.8	426.1	426.3	426.0
135°	445.0	445.2	445.4	445.6	445.8	446.0	446.2	446.4	446.6	446.7	446.4
137.5°	464.8	464.8	464.8	464.8	464.8	465.0	465.2	465.4	465.6	465.7	465.4
140°	482.8	482.6	482.4	482.2	482.0	482.1	482.2	482.3	482.4	482.5	482.4
142.5°	499.7	499.7	499.7	499.7	499.7	499.5	499.3	499.1	498.9	498.8	498.8
145°	516.0	515.9	515.8	515.7	515.6	515.6	515.6	515.6	515.6	515.6	515.5
147.5°	530.0	529.9	529.8	529.7	529.6	529.5	529.4	529.3	529.2	529.2	529.2
150°	543.6	543.4	543.2	543.0	542.8	542.6	542.4	542.2	542.0	541.9	542.0
152.5°	555.4	555.2	555.0	554.8	554.6	554.4	554.2	554.0	553.8	553.7	553.9
155°	566.2	565.9	565.6	565.3	565.0	564.8	564.6	564.4	564.2	564.1	564.4
157.5°	575.3	575.0	574.7	574.4	574.1	574.1	574.1	574.1	574.1	574.1	574.2
160°	583.9	583.5	583.1	582.7	582.3	582.2	582.1	582.0	581.9	581.8	582.1
162.5°	591.9	591.3	590.7	590.1	589.5	589.4	589.3	589.2	589.1	589.1	589.4
165°	598.3	597.7	597.1	596.5	595.9	595.8	595.7	595.6	595.5	595.4	595.7
167.5°	603.6	602.9	602.2	601.5	600.8	600.7	600.6	600.5	600.4	600.4	600.7
170°	607.7	606.9	606.1	605.3	604.5	604.4	604.3	604.2	604.1	604.0	604.4
172.5°	610.4	609.7	609.0	608.3	607.6	607.4	607.2	607.0	606.8	606.7	607.1
175°	612.7	611.9	611.1	610.3	609.5	609.4	609.3	609.2	609.1	609.0	609.3
177.5°	613.6	612.9	612.2	611.5	610.8	610.7	610.6	610.5	610.4	610.4	610.7
180°	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7	611.7

TEST NUMBER: P1035026

CATALOG NUMBER: S125DIW-B1090D470UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1567.1	1567.1	1567.1	1567.1
2.5°	1529.8	1543.1	1552.4	1569.7
5°	1495.2	1519.2	1541.8	1565.7
7.5°	1460.6	1488.6	1524.5	1555.1
10°	1422.1	1458.0	1500.5	1541.8
12.5°	1383.5	1426.0	1472.6	1527.1
15°	1336.9	1391.5	1446.0	1504.5
17.5°	1295.7	1351.6	1410.1	1483.2
20°	1249.1	1310.3	1374.2	1448.7
22.5°	1207.9	1275.7	1342.2	1420.7
25°	1161.3	1227.8	1301.0	1384.8
27.5°	1122.7	1183.9	1255.8	1346.2
30°	1076.2	1142.7	1214.5	1305.0
32.5°	1032.3	1096.1	1172.0	1261.1
35°	987.1	1052.2	1120.1	1205.2
37.5°	944.5	1000.4	1068.2	1149.4
40°	896.6	957.8	1019.0	1082.8
42.5°	852.7	908.6	965.8	1016.3
45°	803.5	851.4	905.9	947.1
47.5°	758.3	800.8	843.4	875.3
50°	713.0	746.3	778.2	806.1
52.5°	659.8	697.1	714.4	731.6
55°	611.9	633.2	649.2	666.5
57.5°	565.4	574.7	582.7	598.6
60°	504.2	514.8	524.1	536.1
62.5°	451.0	456.3	458.9	470.9
65°	400.4	399.1	405.7	412.4
67.5°	345.9	344.5	351.2	353.9
70°	292.7	291.3	292.7	299.3
72.5°	242.1	242.1	243.4	246.1
75°	195.5	195.5	196.9	199.5
77.5°	147.7	150.3	149.0	154.3
80°	107.8	105.1	107.8	110.4
82.5°	70.5	73.2	73.2	70.5
85°	39.9	39.9	39.9	39.9
87.5°	17.3	17.3	18.6	20.0
90°	2.9	2.1	1.3	0.5
92.5°	5.9	6.8	7.7	8.6
95°	24.9	25.2	25.5	25.8
97.5°	50.3	49.7	49.1	48.5
100°	76.6	76.3	76.0	75.7
102.5°	104.6	104.2	103.8	103.4
105°	134.5	134.1	133.7	133.3
107.5°	164.2	164.2	164.2	164.2
110°	194.1	194.1	194.1	194.1

TEST NUMBER: P1035026

CATALOG NUMBER: S125DIW-B1090D470UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	223.1	222.8	222.5	222.2
115°	251.8	251.3	250.8	250.3
117.5°	279.8	279.8	279.8	279.8
120°	306.7	306.8	306.9	307.0
122.5°	332.5	332.0	331.5	331.0
125°	358.1	357.4	356.7	356.0
127.5°	381.5	381.0	380.5	380.0
130°	403.3	402.8	402.3	401.8
132.5°	425.4	424.7	424.1	423.5
135°	445.8	445.1	444.5	443.9
137.5°	464.8	464.2	463.6	463.0
140°	482.2	482.0	481.8	481.6
142.5°	498.7	498.6	498.5	498.4
145°	515.3	515.1	514.9	514.7
147.5°	529.2	529.2	529.2	529.2
150°	542.2	542.4	542.6	542.8
152.5°	554.4	554.9	555.4	555.9
155°	565.0	565.6	566.2	566.8
157.5°	574.5	574.8	575.1	575.4
160°	582.7	583.3	583.9	584.5
162.5°	590.0	590.6	591.2	591.8
165°	596.3	596.9	597.5	598.1
167.5°	601.3	601.9	602.5	603.1
170°	605.1	605.8	606.5	607.2
172.5°	607.8	608.5	609.2	609.9
175°	609.9	610.5	611.1	611.7
177.5°	611.3	611.9	612.5	613.1
180°	611.7	611.7	611.7	611.7

(END OF REPORT)