

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: P1029278

Luminaire Tested: S122DIW-B1005D970UB2750-4F0-XX-W2A-A1_5000K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029278
REPORT IS A COMBINATION OF REPORTS P985391 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIW-B1005D970UB2750-4F0-XX-W2A-A1_5000K
Description: Define 2 Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

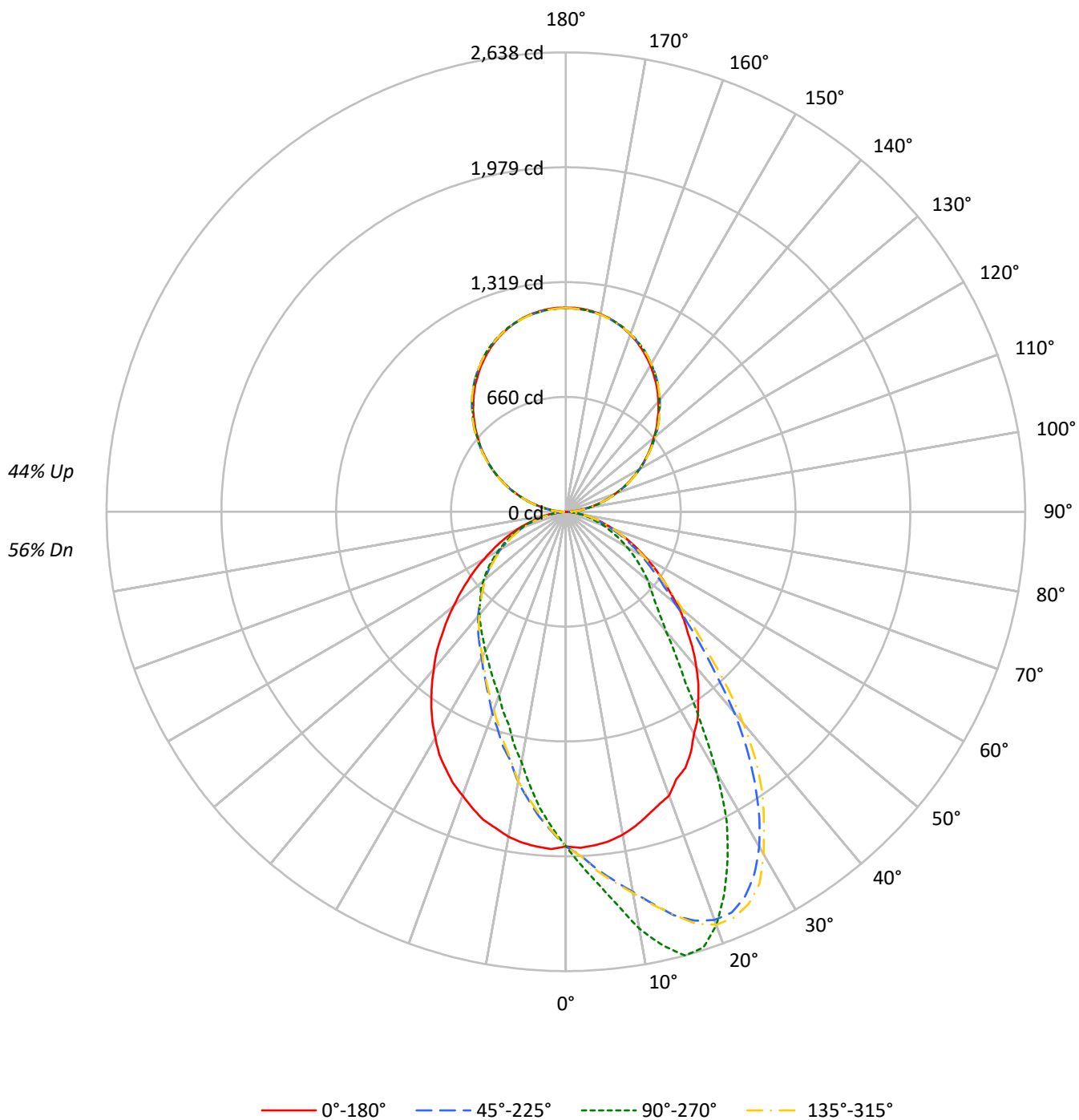
Lumens per Lamp: N/A
Luminaire Lumens: 7515.0 lumens
Efficiency: N/A
Efficacy: 81.0 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 92.8
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1029278

CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A1_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1029278

CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A1_5000K

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	109	109	109	109	101	101	101	101	87	87	87	74	74	74	62	62	62
1	100	96	92	89	93	89	86	83	77	75	73	66	64	63	56	55	53
2	91	84	78	73	85	79	73	69	68	64	61	59	56	53	50	48	46
3	84	74	67	62	78	70	63	58	61	56	52	52	49	46	45	42	40
4	77	66	59	53	71	62	55	50	54	49	45	47	43	40	40	37	35
5	71	59	51	46	66	56	49	43	49	43	39	42	38	35	36	33	31
6	65	54	46	40	61	50	43	38	44	39	34	39	34	31	33	30	27
7	61	49	41	35	56	46	39	34	40	35	31	35	31	27	31	27	24
8	56	44	37	31	53	42	35	30	37	31	27	32	28	25	28	25	22
9	53	41	33	28	49	38	32	27	34	29	25	30	26	22	26	23	20
10	49	37	30	25	46	35	29	24	31	26	22	28	23	20	24	21	18

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	30413	30413	30413	30413
5°	30486	32427	30603	25799
10°	30132	35400	30321	21271
15°	29401	37339	29809	17916
20°	28943	35058	28943	15573
25°	28020	30119	28148	13925
30°	26503	23676	27007	12614
35°	25158	16372	25578	11542
40°	23613	12361	23882	10686
45°	21707	10158	22061	9762
50°	20059	8915	20095	8937
55°	18181	7596	18298	8040
60°	16177	6345	16401	7017
65°	14383	5161	14646	5992
70°	12598	4049	12919	4833
75°	10573	2940	10987	3505
80°	8255	1863	8846	2079
85°	5424	938	5848	694

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 31439 cd/sqm

TEST NUMBER: P1029278

CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A1_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.0	2.4
10°-20°	532.6	7.1
20°-30°	773.0	10.3
30°-40°	814.9	10.8
40°-50°	721.1	9.6
50°-60°	575.8	7.7
60°-70°	391.1	5.2
70°-80°	200.1	2.7
80°-90°	50.6	0.7
90°-100°	72.4	1.0
100°-110°	230.2	3.1
110°-120°	393.9	5.2
120°-130°	518.0	6.9
130°-140°	581.5	7.7
140°-150°	570.2	7.6
150°-160°	478.3	6.4
160°-170°	317.2	4.2
170°-180°	110.9	1.5
0°-30°	1488.7	19.8
0°-40°	2303.6	30.7
0°-60°	3600.5	47.9
0°-90°	4242.3	56.5
90°-120°	696.5	9.3
90°-150°	2366.2	31.5
90°-180°	3273.0	43.6
0°-180°	7515.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1921	1921	1921	1921	1921	
5°	1923	2146	1930	1707	1923	182
15°	1806	2638	1831	1266	1806	510
25°	1623	2198	1630	1016	1623	742
35°	1325	1196	1347	843	1325	829
45°	994	721	1010	693	994	771
55°	682	506	687	536	682	609
65°	405	312	412	362	405	402
75°	189	154	196	183	189	203
85°	38	40	41	30	38	45
90°	1	34	1	34	1	5
95°	51	61	51	61	51	57
105°	212	219	212	219	212	224
115°	395	395	395	395	395	391
125°	575	577	575	577	575	514
135°	744	753	744	753	744	575
145°	903	913	903	913	903	564
155°	1032	1040	1032	1040	1032	475
165°	1123	1124	1123	1124	1123	317
175°	1169	1165	1169	1165	1169	111
180°	1171	1171	1171	1171	1171	

TEST NUMBER: P1029278

CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3
2.5°	1931.6	1936.1	1943.5	1944.9	1959.7	1971.5	1984.8	1984.8	1989.2	1987.8	1976.0
5°	1922.8	1936.1	1955.3	1971.5	1998.1	2009.9	2027.6	2040.9	2052.7	2061.6	2060.1
7.5°	1908.0	1931.6	1959.7	1990.7	2026.2	2046.8	2071.9	2095.6	2111.8	2126.6	2136.9
10°	1882.9	1922.8	1961.2	2002.5	2048.3	2076.4	2105.9	2136.9	2162.0	2190.1	2216.7
12.5°	1848.9	1906.5	1953.8	2008.4	2064.6	2095.6	2142.8	2166.5	2215.2	2286.1	2305.3
15°	1806.1	1884.4	1928.7	1998.1	2071.9	2097.1	2162.0	2200.4	2300.8	2345.2	2398.3
17.5°	1766.2	1853.4	1912.5	1992.2	2064.6	2113.3	2176.8	2255.1	2339.2	2402.7	2461.8
20°	1733.8	1817.9	1888.8	1977.4	2069.0	2131.0	2197.5	2292.0	2383.5	2448.5	2494.3
22.5°	1659.9	1767.7	1850.4	1949.4	2060.1	2145.8	2209.3	2312.7	2411.6	2451.5	2491.4
25°	1623.0	1716.0	1812.0	1924.3	2054.2	2156.1	2210.8	2326.0	2413.1	2427.9	2436.7
27.5°	1555.1	1659.9	1772.2	1900.6	2052.7	2138.4	2207.8	2312.7	2382.1	2371.7	2345.2
30°	1470.9	1599.4	1723.4	1862.2	2032.1	2125.1	2190.1	2286.1	2321.5	2268.4	2221.1
32.5°	1408.9	1530.0	1667.3	1828.3	2008.4	2097.1	2160.6	2235.9	2243.3	2147.3	2067.5
35°	1324.7	1459.1	1614.1	1784.0	1968.6	2048.3	2107.4	2153.2	2117.7	1983.3	1888.8
37.5°	1249.4	1382.3	1547.7	1720.5	1913.9	1992.2	2039.5	2046.8	1959.7	1841.6	1702.7
40°	1166.7	1304.0	1476.8	1658.4	1853.4	1921.3	1950.8	1928.7	1803.2	1665.8	1504.9
42.5°	1084.0	1219.8	1405.9	1592.0	1776.6	1834.2	1846.0	1785.4	1631.9	1470.9	1284.8
45°	993.9	1135.7	1321.7	1509.3	1688.0	1720.5	1721.9	1634.8	1453.2	1284.8	1112.0
47.5°	920.0	1051.5	1236.1	1423.6	1574.3	1596.4	1587.6	1487.1	1289.2	1100.2	949.6
50°	838.8	964.3	1147.5	1332.1	1460.6	1466.5	1444.3	1301.1	1107.6	934.8	815.2
52.5°	751.7	878.7	1047.0	1224.3	1339.5	1330.6	1287.8	1134.2	952.5	809.3	717.7
55°	682.3	794.5	952.5	1125.3	1206.5	1181.4	1134.2	977.6	834.4	713.3	633.5
57.5°	605.5	704.4	859.5	1010.1	1057.4	1033.8	986.5	840.3	707.4	615.8	562.7
60°	533.1	623.2	759.1	884.6	921.5	896.4	841.8	710.3	614.3	537.6	497.7
62.5°	466.7	544.9	658.7	773.8	788.6	763.5	716.2	609.9	527.2	466.7	437.1
65°	404.6	478.5	570.0	657.2	670.5	643.9	595.1	518.4	448.9	410.5	382.5
67.5°	344.1	403.2	484.4	547.9	555.3	530.2	490.3	428.3	385.4	344.1	323.4
70°	290.9	335.2	398.7	450.4	453.4	429.7	409.1	353.0	320.5	290.9	274.7
72.5°	239.2	270.3	319.0	357.4	358.9	344.1	324.9	289.5	261.4	240.7	224.5
75°	189.0	215.6	245.1	279.1	277.6	265.8	251.1	228.9	205.3	192.0	184.6
77.5°	144.7	161.0	184.6	206.8	206.8	200.8	192.0	175.7	161.0	147.7	140.3
80°	103.4	113.7	132.9	140.3	143.2	141.8	134.4	122.6	116.7	106.3	103.4
82.5°	66.5	73.8	82.7	90.1	94.5	91.6	90.1	84.2	75.3	72.4	69.4
85°	38.4	41.4	45.8	50.2	51.7	50.2	53.2	48.7	44.3	44.3	42.8
87.5°	16.2	17.7	20.7	20.7	22.2	22.2	20.7	22.2	22.2	20.7	19.2
90°	1.0	3.6	6.2	8.9	11.5	12.8	15.2	20.1	24.9	29.8	34.6
92.5°	21.7	23.5	25.2	27.0	28.7	29.6	29.7	29.9	30.2	30.4	30.6
95°	51.4	53.6	55.8	57.9	60.1	61.2	61.4	61.9	62.3	62.8	63.2
97.5°	85.9	87.9	89.9	91.8	93.8	94.8	95.2	96.1	97.0	97.9	98.8
100°	125.5	127.3	129.0	130.8	132.5	133.4	133.7	134.4	135.0	135.7	136.3
102.5°	166.9	168.2	169.6	170.9	172.2	172.9	173.3	174.2	175.1	175.9	176.8
105°	212.4	213.0	213.7	214.3	215.0	215.3	215.5	216.0	216.4	216.9	217.3
107.5°	257.8	258.7	259.6	260.5	261.4	261.8	261.8	261.8	261.8	261.8	261.8
110°	301.3	302.6	303.9	305.2	306.5	307.2	307.2	307.2	307.2	307.2	307.2



TEST NUMBER: P1029278

CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	348.7	350.0	351.3	352.6	353.9	354.6	354.5	354.3	354.0	353.8	353.6
115°	395.1	396.4	397.8	399.1	400.4	401.1	400.9	400.4	400.0	399.5	399.1
117.5°	441.6	443.4	445.1	446.9	448.6	449.5	448.9	447.8	446.7	445.6	444.5
120°	488.0	489.8	491.5	493.3	495.0	495.9	495.0	493.3	491.5	489.8	488.0
122.5°	530.5	532.7	534.9	537.0	539.2	540.3	539.8	538.7	537.6	536.5	535.4
125°	574.9	576.9	578.9	580.8	582.8	583.8	583.5	582.8	582.1	581.5	580.8
127.5°	618.4	620.8	623.2	625.6	628.0	629.2	628.8	627.9	627.0	626.2	625.3
130°	658.9	661.7	664.6	667.4	670.3	671.7	671.5	671.0	670.6	670.1	669.7
132.5°	704.3	706.5	708.7	710.9	713.1	714.2	714.3	714.5	714.8	715.0	715.2
135°	743.8	746.2	748.6	751.1	753.5	754.7	754.9	755.4	755.8	756.3	756.7
137.5°	787.3	789.3	791.3	793.2	795.2	796.2	796.4	796.9	797.3	797.8	798.2
140°	825.8	827.8	829.8	831.7	833.7	834.7	835.2	836.3	837.4	838.5	839.6
142.5°	865.3	867.3	869.3	871.2	873.2	874.2	874.5	875.2	875.9	876.5	877.2
145°	902.9	904.4	906.0	907.5	909.0	909.8	910.5	911.8	913.1	914.4	915.7
147.5°	936.4	938.4	940.4	942.3	944.3	945.3	945.7	946.6	947.5	948.4	949.3
150°	971.0	972.3	973.6	974.9	976.2	976.9	977.3	978.2	979.1	980.0	980.9
152.5°	1001.6	1002.9	1004.3	1005.6	1006.9	1007.6	1008.1	1009.2	1010.3	1011.4	1012.5
155°	1032.3	1032.9	1033.6	1034.2	1034.9	1035.2	1035.5	1036.2	1036.9	1037.5	1038.2
157.5°	1058.9	1059.3	1059.8	1060.2	1060.7	1060.9	1061.1	1061.6	1062.0	1062.5	1062.9
160°	1082.6	1083.0	1083.5	1083.9	1084.4	1084.6	1084.7	1084.9	1085.2	1085.4	1085.6
162.5°	1104.4	1104.4	1104.4	1104.4	1104.4	1104.4	1104.5	1104.7	1105.0	1105.2	1105.4
165°	1123.1	1122.9	1122.7	1122.5	1122.3	1122.2	1122.2	1122.2	1122.2	1122.2	1122.2
167.5°	1139.9	1139.3	1138.6	1138.0	1137.3	1137.0	1137.0	1137.0	1137.0	1137.0	1137.0
170°	1152.8	1152.1	1151.5	1150.8	1150.1	1149.8	1149.7	1149.5	1149.2	1149.0	1148.8
172.5°	1161.7	1161.0	1160.4	1159.7	1159.0	1158.7	1158.6	1158.4	1158.1	1157.9	1157.7
175°	1168.6	1167.9	1167.3	1166.6	1165.9	1165.6	1165.4	1164.9	1164.5	1164.0	1163.6
177.5°	1172.5	1171.9	1171.2	1170.6	1169.9	1169.6	1169.4	1168.9	1168.5	1168.0	1167.6
180°	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6

TEST NUMBER: P1029278

CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3
2.5°	1996.6	1998.1	2001.1	2015.8	2023.2	2024.7	2018.8	2032.1	2036.5	2032.1	2029.1
5°	2091.1	2100.0	2117.7	2136.9	2135.4	2136.9	2145.8	2154.6	2157.6	2145.8	2150.2
7.5°	2173.8	2191.6	2210.8	2240.3	2240.3	2255.1	2261.0	2268.4	2286.1	2277.2	2274.3
10°	2268.4	2292.0	2327.4	2374.7	2376.2	2390.9	2405.7	2429.3	2436.7	2430.8	2433.8
12.5°	2386.5	2432.3	2435.2	2486.9	2510.6	2513.5	2537.1	2532.7	2547.5	2547.5	2572.6
15°	2438.2	2509.1	2549.0	2599.2	2613.9	2596.2	2615.4	2636.1	2637.6	2637.6	2636.1
17.5°	2531.2	2559.3	2599.2	2625.7	2631.7	2631.7	2633.1	2642.0	2636.1	2624.3	2633.1
20°	2550.4	2562.2	2577.0	2574.1	2577.0	2562.2	2547.5	2532.7	2534.2	2526.8	2549.0
22.5°	2515.0	2512.0	2478.1	2455.9	2455.9	2426.4	2398.3	2385.0	2371.7	2376.2	2383.5
25°	2426.4	2380.6	2339.2	2306.8	2299.4	2252.1	2213.7	2201.9	2179.8	2197.5	2200.4
27.5°	2284.6	2232.9	2166.5	2138.4	2100.0	2080.8	2054.2	2018.8	1973.0	1999.6	1995.2
30°	2132.5	2055.7	2001.1	1933.1	1872.6	1868.1	1817.9	1758.9	1735.2	1735.2	1748.5
32.5°	1962.7	1860.8	1781.0	1685.0	1626.0	1600.8	1540.3	1481.2	1494.5	1450.2	1466.5
35°	1764.8	1630.4	1530.0	1436.9	1392.6	1363.1	1284.8	1252.3	1216.9	1196.2	1234.6
37.5°	1575.7	1420.7	1292.2	1190.3	1174.1	1120.9	1067.7	1047.0	1026.4	1035.2	1033.8
40°	1345.4	1208.0	1092.8	1013.1	985.0	959.9	924.5	899.4	886.1	893.5	894.9
42.5°	1137.1	1021.9	936.3	880.2	856.5	838.8	821.1	800.4	796.0	796.0	801.9
45°	976.2	881.6	824.1	778.3	765.0	751.7	738.4	729.5	726.6	720.7	725.1
47.5°	847.7	772.4	736.9	703.0	688.2	685.2	673.4	669.0	663.1	661.6	663.1
50°	739.9	692.6	660.1	640.9	630.6	626.2	620.3	611.4	608.4	615.8	612.9
52.5°	664.6	620.3	602.5	583.3	577.4	571.5	562.7	564.1	562.7	559.7	559.7
55°	589.2	561.2	543.5	528.7	527.2	521.3	513.9	511.0	509.5	506.5	511.0
57.5°	528.7	506.5	490.3	477.0	471.1	471.1	463.7	457.8	457.8	456.3	457.8
60°	468.1	446.0	435.7	422.4	417.9	416.5	412.0	409.1	404.6	404.6	404.6
62.5°	412.0	394.3	382.5	370.7	372.2	364.8	358.9	355.9	355.9	357.4	357.4
65°	358.9	347.0	332.3	321.9	319.0	317.5	314.6	313.1	308.7	311.6	311.6
67.5°	310.1	293.9	285.0	280.6	276.2	274.7	271.7	268.8	267.3	265.8	268.8
70°	261.4	248.1	240.7	237.8	233.3	231.9	230.4	225.9	227.4	228.9	230.4
72.5°	217.1	205.3	203.8	194.9	194.9	194.9	189.0	192.0	190.5	187.6	190.5
75°	171.3	165.4	162.4	158.0	159.5	158.0	156.5	152.1	152.1	153.6	155.1
77.5°	135.9	130.0	128.5	124.1	121.1	124.1	121.1	119.6	119.6	121.1	121.1
80°	100.4	97.5	93.0	93.0	93.0	91.6	91.6	91.6	90.1	88.6	90.1
82.5°	66.5	66.5	65.0	63.5	65.0	62.0	63.5	63.5	63.5	63.5	63.5
85°	42.8	41.4	41.4	39.9	39.9	39.9	41.4	38.4	38.4	39.9	39.9
87.5°	19.2	19.2	19.2	20.7	19.2	19.2	19.2	20.7	19.2	19.2	19.2
90°	34.2	33.7	33.3	32.8	32.6	32.7	32.9	33.2	33.4	33.6	33.4
92.5°	30.8	31.0	31.3	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6
95°	63.2	63.2	63.2	63.2	63.2	63.0	62.5	62.1	61.6	61.2	61.6
97.5°	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
100°	136.3	136.3	136.3	136.3	136.3	136.2	136.0	135.7	135.5	135.3	135.5
102.5°	177.0	177.2	177.5	177.7	177.8	177.7	177.5	177.2	177.0	176.8	177.0
105°	217.7	218.2	218.6	219.1	219.3	219.3	219.3	219.3	219.3	219.3	219.3
107.5°	262.0	262.2	262.5	262.7	262.8	262.2	261.1	260.0	258.9	257.8	258.9
110°	307.2	307.2	307.2	307.2	307.2	306.9	306.2	305.5	304.9	304.2	304.9

TEST NUMBER: P1029278

CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	353.0	352.3	351.7	351.0	350.7	350.5	350.0	349.6	349.1	348.7	349.1
115°	398.9	398.7	398.4	398.2	398.1	397.8	397.1	396.4	395.8	395.1	395.8
117.5°	443.9	443.2	442.6	441.9	441.6	441.3	440.6	439.9	439.3	438.6	439.3
120°	488.0	488.0	488.0	488.0	488.0	487.7	487.0	486.3	485.7	485.0	485.7
122.5°	534.7	534.1	533.4	532.7	532.4	532.2	531.8	531.3	530.9	530.5	530.9
125°	580.2	579.5	578.9	578.2	577.9	577.8	577.6	577.3	577.1	576.9	577.1
127.5°	624.4	623.5	622.6	621.7	621.3	621.0	620.3	619.7	619.0	618.4	619.0
130°	669.3	668.9	668.4	668.0	667.8	667.4	666.5	665.6	664.7	663.8	664.7
132.5°	714.1	713.0	711.9	710.8	710.2	709.9	709.2	708.6	707.9	707.3	707.9
135°	756.5	756.3	756.0	755.8	755.7	755.4	754.7	754.0	753.4	752.7	753.4
137.5°	798.0	797.8	797.5	797.3	797.2	796.8	795.9	795.0	794.1	793.2	794.1
140°	839.6	839.6	839.6	839.6	839.6	839.2	838.3	837.4	836.6	835.7	836.6
142.5°	877.4	877.6	877.9	878.1	878.2	877.8	876.9	876.0	875.1	874.2	875.1
145°	915.9	916.1	916.4	916.6	916.7	916.3	915.4	914.5	913.6	912.7	913.6
147.5°	949.7	950.2	950.6	951.1	951.3	950.9	950.0	949.1	948.2	947.3	948.2
150°	981.6	982.2	982.9	983.6	983.9	983.6	982.9	982.2	981.6	980.9	981.6
152.5°	1013.4	1014.3	1015.2	1016.1	1016.5	1016.1	1015.2	1014.3	1013.4	1012.5	1013.4
155°	1039.3	1040.4	1041.5	1042.6	1043.1	1042.8	1042.1	1041.5	1040.8	1040.2	1040.8
157.5°	1064.4	1066.0	1067.5	1069.0	1069.8	1069.3	1068.2	1067.1	1066.0	1064.9	1066.0
160°	1086.9	1088.2	1089.5	1090.8	1091.5	1091.1	1090.2	1089.3	1088.5	1087.6	1088.5
162.5°	1106.9	1108.5	1110.0	1111.5	1112.3	1111.7	1110.6	1109.5	1108.4	1107.3	1108.4
165°	1123.7	1125.3	1126.8	1128.3	1129.1	1128.5	1127.4	1126.3	1125.2	1124.1	1125.2
167.5°	1138.5	1140.1	1141.6	1143.1	1143.9	1143.4	1142.3	1141.2	1140.1	1139.0	1140.1
170°	1150.3	1151.9	1153.4	1154.9	1155.7	1155.0	1153.7	1152.4	1151.1	1149.8	1151.1
172.5°	1159.2	1160.8	1162.3	1163.8	1164.6	1163.9	1162.6	1161.3	1160.0	1158.7	1160.0
175°	1165.2	1166.7	1168.3	1169.8	1170.6	1169.9	1168.6	1167.3	1165.9	1164.6	1165.9
177.5°	1168.9	1170.2	1171.5	1172.8	1173.5	1172.8	1171.5	1170.2	1168.9	1167.6	1168.9
180°	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6

TEST NUMBER: P1029278

CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3
2.5°	2036.5	2026.2	2017.3	2018.8	2026.2	2020.3	2005.5	1986.3	1978.9	1970.0	1978.9
5°	2159.1	2150.2	2132.5	2134.0	2129.5	2123.6	2100.0	2070.5	2070.5	2046.8	2043.9
7.5°	2280.2	2266.9	2255.1	2252.1	2235.9	2224.1	2203.4	2162.0	2145.8	2117.7	2101.5
10°	2416.0	2405.7	2392.4	2376.2	2367.3	2346.6	2312.7	2252.1	2222.6	2184.2	2156.1
12.5°	2553.4	2551.9	2522.4	2489.9	2488.4	2455.9	2432.3	2351.1	2311.2	2259.5	2193.0
15°	2640.5	2633.1	2616.9	2600.6	2605.1	2569.6	2516.5	2420.5	2393.9	2331.9	2261.0
17.5°	2639.0	2639.0	2634.6	2631.7	2627.2	2616.9	2587.3	2523.8	2481.0	2402.7	2336.3
20°	2554.9	2574.1	2578.5	2577.0	2591.8	2599.2	2597.7	2557.8	2523.8	2454.4	2386.5
22.5°	2386.5	2430.8	2450.0	2461.8	2492.8	2509.1	2547.5	2532.7	2523.8	2472.2	2414.6
25°	2230.0	2244.7	2302.3	2305.3	2348.1	2388.0	2426.4	2451.5	2484.0	2464.8	2416.0
27.5°	2027.6	2061.6	2103.0	2134.0	2142.8	2224.1	2287.6	2334.8	2408.7	2414.6	2398.3
30°	1798.7	1815.0	1882.9	1924.3	1971.5	2030.6	2122.2	2203.4	2269.8	2330.4	2351.1
32.5°	1519.6	1586.1	1626.0	1676.2	1717.5	1822.4	1934.6	2039.5	2116.2	2218.1	2262.5
35°	1264.1	1315.8	1383.8	1404.4	1479.8	1568.4	1714.6	1848.9	1965.6	2069.0	2159.1
37.5°	1053.0	1094.3	1166.7	1199.2	1243.5	1357.2	1479.8	1646.6	1786.9	1913.9	2026.2
40°	908.2	939.2	993.9	1004.2	1041.1	1144.5	1243.5	1400.0	1586.1	1757.4	1880.0
42.5°	809.3	824.1	861.0	874.3	897.9	967.3	1055.9	1203.6	1376.4	1553.6	1726.4
45°	738.4	748.7	770.9	782.7	812.2	843.3	915.6	1033.8	1169.6	1348.3	1534.4
47.5°	674.9	688.2	697.0	704.4	720.7	754.6	801.9	889.0	1019.0	1182.9	1363.1
50°	621.7	626.2	642.4	643.9	654.2	676.4	720.7	773.8	877.2	1010.1	1184.4
52.5°	568.6	573.0	583.3	593.7	598.1	615.8	645.4	689.7	766.5	871.3	1026.4
55°	515.4	521.3	531.6	539.0	543.5	558.2	576.0	618.8	679.3	753.2	880.2
57.5°	462.2	475.5	478.5	482.9	490.3	506.5	522.8	547.9	595.1	663.1	756.1
60°	412.0	416.5	426.8	431.2	438.6	447.5	468.1	487.3	521.3	574.5	658.7
62.5°	360.3	370.7	375.1	379.5	385.4	395.8	409.1	429.7	459.3	502.1	568.6
65°	316.0	317.5	326.4	332.3	338.2	345.6	358.9	378.1	395.8	435.7	484.4
67.5°	273.2	276.2	279.1	285.0	292.4	299.8	311.6	321.9	344.1	370.7	409.1
70°	231.9	231.9	239.2	243.7	242.2	251.1	259.9	271.7	288.0	313.1	344.1
72.5°	194.9	193.5	199.4	200.8	203.8	209.7	215.6	227.4	236.3	255.5	279.1
75°	155.1	158.0	161.0	161.0	165.4	169.8	175.7	181.6	192.0	203.8	221.5
77.5°	122.6	122.6	125.5	127.0	131.4	130.0	135.9	141.8	149.2	159.5	172.8
80°	90.1	93.0	93.0	93.0	94.5	96.0	101.9	106.3	110.8	118.1	124.1
82.5°	63.5	63.5	66.5	66.5	66.5	69.4	69.4	70.9	73.8	78.3	82.7
85°	39.9	39.9	39.9	41.4	39.9	41.4	44.3	42.8	44.3	47.3	47.3
87.5°	19.2	19.2	19.2	19.2	19.2	20.7	19.2	20.7	22.2	22.2	22.2
90°	33.2	32.9	32.7	32.6	32.8	33.3	33.7	34.2	34.6	29.8	24.9
92.5°	31.6	31.6	31.6	31.6	31.5	31.3	31.0	30.8	30.6	30.4	30.2
95°	62.1	62.5	63.0	63.2	63.2	63.2	63.2	63.2	63.2	62.8	62.3
97.5°	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	97.9	97.0
100°	135.7	136.0	136.2	136.3	136.3	136.3	136.3	136.3	136.3	135.7	135.0
102.5°	177.2	177.5	177.7	177.8	177.7	177.5	177.2	177.0	176.8	175.9	175.1
105°	219.3	219.3	219.3	219.3	219.1	218.6	218.2	217.7	217.3	216.9	216.4
107.5°	260.0	261.1	262.2	262.8	262.7	262.5	262.2	262.0	261.8	261.8	261.8
110°	305.5	306.2	306.9	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2

TEST NUMBER: P1029278

CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	349.6	350.0	350.5	350.7	351.0	351.7	352.3	353.0	353.6	353.8	354.0
115°	396.4	397.1	397.8	398.1	398.2	398.4	398.7	398.9	399.1	399.5	400.0
117.5°	439.9	440.6	441.3	441.6	441.9	442.6	443.2	443.9	444.5	445.6	446.7
120°	486.3	487.0	487.7	488.0	488.0	488.0	488.0	488.0	488.0	489.8	491.5
122.5°	531.3	531.8	532.2	532.4	532.7	533.4	534.1	534.7	535.4	536.5	537.6
125°	577.3	577.6	577.8	577.9	578.2	578.9	579.5	580.2	580.8	581.5	582.1
127.5°	619.7	620.3	621.0	621.3	621.7	622.6	623.5	624.4	625.3	626.2	627.0
130°	665.6	666.5	667.4	667.8	668.0	668.4	668.9	669.3	669.7	670.1	670.6
132.5°	708.6	709.2	709.9	710.2	710.8	711.9	713.0	714.1	715.2	715.0	714.8
135°	754.0	754.7	755.4	755.7	755.8	756.0	756.3	756.5	756.7	756.3	755.8
137.5°	795.0	795.9	796.8	797.2	797.3	797.5	797.8	798.0	798.2	797.8	797.3
140°	837.4	838.3	839.2	839.6	839.6	839.6	839.6	839.6	839.6	838.5	837.4
142.5°	876.0	876.9	877.8	878.2	878.1	877.9	877.6	877.4	877.2	876.5	875.9
145°	914.5	915.4	916.3	916.7	916.6	916.4	916.1	915.9	915.7	914.4	913.1
147.5°	949.1	950.0	950.9	951.3	951.1	950.6	950.2	949.7	949.3	948.4	947.5
150°	982.2	982.9	983.6	983.9	983.6	982.9	982.2	981.6	980.9	980.0	979.1
152.5°	1014.3	1015.2	1016.1	1016.5	1016.1	1015.2	1014.3	1013.4	1012.5	1011.4	1010.3
155°	1041.5	1042.1	1042.8	1043.1	1042.6	1041.5	1040.4	1039.3	1038.2	1037.5	1036.9
157.5°	1067.1	1068.2	1069.3	1069.8	1069.0	1067.5	1066.0	1064.4	1062.9	1062.5	1062.0
160°	1089.3	1090.2	1091.1	1091.5	1090.8	1089.5	1088.2	1086.9	1085.6	1085.4	1085.2
162.5°	1109.5	1110.6	1111.7	1112.3	1111.5	1110.0	1108.5	1106.9	1105.4	1105.2	1105.0
165°	1126.3	1127.4	1128.5	1129.1	1128.3	1126.8	1125.3	1123.7	1122.2	1122.2	1122.2
167.5°	1141.2	1142.3	1143.4	1143.9	1143.1	1141.6	1140.1	1138.5	1137.0	1137.0	1137.0
170°	1152.4	1153.7	1155.0	1155.7	1154.9	1153.4	1151.9	1150.3	1148.8	1149.0	1149.2
172.5°	1161.3	1162.6	1163.9	1164.6	1163.8	1162.3	1160.8	1159.2	1157.7	1157.9	1158.1
175°	1167.3	1168.6	1169.9	1170.6	1169.8	1168.3	1166.7	1165.2	1163.6	1164.0	1164.5
177.5°	1170.2	1171.5	1172.8	1173.5	1172.8	1171.5	1170.2	1168.9	1167.6	1168.0	1168.5
180°	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6

TEST NUMBER: P1029278

CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3
2.5°	1971.5	1964.1	1959.7	1962.7	1953.8	1931.6	1931.6	1939.0	1930.2	1921.3	1908.0
5°	2026.2	2011.4	2002.5	2001.1	1980.4	1944.9	1937.6	1930.2	1911.0	1890.3	1868.1
7.5°	2079.3	2052.7	2038.0	2027.6	1998.1	1952.3	1933.1	1916.9	1885.9	1854.9	1826.8
10°	2123.6	2085.2	2067.5	2051.3	2012.9	1955.3	1924.3	1894.7	1854.9	1815.0	1779.5
12.5°	2159.1	2114.8	2092.6	2069.0	2021.7	1946.4	1908.0	1860.8	1820.9	1767.7	1732.3
15°	2218.1	2126.6	2105.9	2083.8	2035.0	1931.6	1884.4	1831.2	1776.6	1705.7	1667.3
17.5°	2265.4	2142.8	2141.4	2094.1	2030.6	1925.7	1853.4	1784.0	1724.9	1654.0	1593.5
20°	2293.5	2167.9	2144.3	2095.6	2015.8	1885.9	1810.6	1733.8	1670.3	1584.6	1524.1
22.5°	2317.1	2203.4	2141.4	2082.3	1984.8	1872.6	1761.8	1689.5	1602.3	1509.3	1451.7
25°	2326.0	2210.8	2145.8	2077.9	1962.7	1834.2	1708.7	1630.4	1532.9	1448.7	1370.5
27.5°	2327.4	2209.3	2129.5	2058.7	1931.6	1784.0	1655.5	1572.8	1465.0	1367.5	1289.2
30°	2312.7	2193.0	2120.7	2043.9	1902.1	1738.2	1590.5	1498.9	1383.8	1286.3	1205.1
32.5°	2268.4	2160.6	2101.5	2017.3	1863.7	1674.7	1528.5	1426.6	1305.5	1209.5	1131.2
35°	2194.5	2120.7	2055.7	1977.4	1813.5	1615.6	1466.5	1346.8	1224.3	1132.7	1058.9
37.5°	2103.0	2063.1	2002.5	1925.7	1755.9	1562.5	1397.0	1264.1	1141.6	1053.0	980.6
40°	1978.9	1989.2	1930.2	1860.8	1688.0	1490.1	1307.0	1180.0	1064.8	982.1	911.2
42.5°	1844.5	1887.3	1853.4	1786.9	1612.7	1410.3	1240.5	1100.2	988.0	902.3	843.3
45°	1699.8	1773.6	1753.0	1704.2	1534.4	1326.2	1146.0	1010.1	911.2	828.5	776.8
47.5°	1541.8	1646.6	1646.6	1611.2	1447.3	1242.0	1064.8	926.0	828.5	769.4	719.2
50°	1380.8	1498.9	1518.1	1494.5	1349.8	1146.0	965.8	840.3	756.1	698.5	661.6
52.5°	1212.4	1349.8	1385.2	1373.4	1246.4	1054.4	884.6	762.0	685.2	635.0	602.5
55°	1051.5	1211.0	1249.4	1253.8	1135.7	954.0	794.5	686.7	612.9	578.9	550.8
57.5°	899.4	1053.0	1095.8	1103.2	1023.4	862.4	710.3	615.8	549.4	521.3	499.2
60°	769.4	897.9	954.0	970.3	900.8	756.1	632.1	540.5	490.3	463.7	443.0
62.5°	663.1	766.5	825.5	830.0	798.9	663.1	550.8	474.1	431.2	407.6	397.3
65°	559.7	652.7	688.2	705.9	680.8	574.5	475.5	412.0	378.1	357.4	347.0
67.5°	477.0	536.1	565.6	589.2	564.1	484.4	404.6	353.0	327.8	307.2	301.3
70°	391.4	440.1	462.2	485.9	463.7	403.2	345.6	298.3	276.2	259.9	252.5
72.5°	313.1	351.5	372.2	386.9	373.6	323.4	276.2	243.7	227.4	215.6	211.2
75°	248.1	274.7	286.5	296.8	290.9	252.5	223.0	196.4	181.6	171.3	168.4
77.5°	189.0	208.2	221.5	224.5	217.1	192.0	166.9	150.6	138.8	132.9	130.0
80°	134.4	146.2	153.6	158.0	150.6	140.3	122.6	110.8	100.4	93.0	91.6
82.5°	90.1	96.0	101.9	100.4	97.5	88.6	78.3	72.4	67.9	62.0	62.0
85°	51.7	53.2	56.1	57.6	56.1	50.2	44.3	41.4	38.4	34.0	34.0
87.5°	22.2	23.6	23.6	25.1	22.2	22.2	19.2	16.2	16.2	14.8	13.3
90°	20.1	15.2	12.8	11.5	8.9	6.2	3.6	1.0	3.6	6.2	8.9
92.5°	29.9	29.7	29.6	28.7	27.0	25.2	23.5	21.7	23.5	25.2	27.0
95°	61.9	61.4	61.2	60.1	57.9	55.8	53.6	51.4	53.6	55.8	57.9
97.5°	96.1	95.2	94.8	93.8	91.8	89.9	87.9	85.9	87.9	89.9	91.8
100°	134.4	133.7	133.4	132.5	130.8	129.0	127.3	125.5	127.3	129.0	130.8
102.5°	174.2	173.3	172.9	172.2	170.9	169.6	168.2	166.9	168.2	169.6	170.9
105°	216.0	215.5	215.3	215.0	214.3	213.7	213.0	212.4	213.0	213.7	214.3
107.5°	261.8	261.8	261.8	261.4	260.5	259.6	258.7	257.8	258.7	259.6	260.5
110°	307.2	307.2	307.2	306.5	305.2	303.9	302.6	301.3	302.6	303.9	305.2

TEST NUMBER: P1029278

CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	354.3	354.5	354.6	353.9	352.6	351.3	350.0	348.7	350.0	351.3	352.6
115°	400.4	400.9	401.1	400.4	399.1	397.8	396.4	395.1	396.4	397.8	399.1
117.5°	447.8	448.9	449.5	448.6	446.9	445.1	443.4	441.6	443.4	445.1	446.9
120°	493.3	495.0	495.9	495.0	493.3	491.5	489.8	488.0	489.8	491.5	493.3
122.5°	538.7	539.8	540.3	539.2	537.0	534.9	532.7	530.5	532.7	534.9	537.0
125°	582.8	583.5	583.8	582.8	580.8	578.9	576.9	574.9	576.9	578.9	580.8
127.5°	627.9	628.8	629.2	628.0	625.6	623.2	620.8	618.4	620.8	623.2	625.6
130°	671.0	671.5	671.7	670.3	667.4	664.6	661.7	658.9	661.7	664.6	667.4
132.5°	714.5	714.3	714.2	713.1	710.9	708.7	706.5	704.3	706.5	708.7	710.9
135°	755.4	754.9	754.7	753.5	751.1	748.6	746.2	743.8	746.2	748.6	751.1
137.5°	796.9	796.4	796.2	795.2	793.2	791.3	789.3	787.3	789.3	791.3	793.2
140°	836.3	835.2	834.7	833.7	831.7	829.8	827.8	825.8	827.8	829.8	831.7
142.5°	875.2	874.5	874.2	873.2	871.2	869.3	867.3	865.3	867.3	869.3	871.2
145°	911.8	910.5	909.8	909.0	907.5	906.0	904.4	902.9	904.4	906.0	907.5
147.5°	946.6	945.7	945.3	944.3	942.3	940.4	938.4	936.4	938.4	940.4	942.3
150°	978.2	977.3	976.9	976.2	974.9	973.6	972.3	971.0	972.3	973.6	974.9
152.5°	1009.2	1008.1	1007.6	1006.9	1005.6	1004.3	1002.9	1001.6	1002.9	1004.3	1005.6
155°	1036.2	1035.5	1035.2	1034.9	1034.2	1033.6	1032.9	1032.3	1032.9	1033.6	1034.2
157.5°	1061.6	1061.1	1060.9	1060.7	1060.2	1059.8	1059.3	1058.9	1059.3	1059.8	1060.2
160°	1084.9	1084.7	1084.6	1084.4	1083.9	1083.5	1083.0	1082.6	1083.0	1083.5	1083.9
162.5°	1104.7	1104.5	1104.4	1104.4	1104.4	1104.4	1104.4	1104.4	1104.4	1104.4	1104.4
165°	1122.2	1122.2	1122.2	1122.3	1122.5	1122.7	1122.9	1123.1	1122.9	1122.7	1122.5
167.5°	1137.0	1137.0	1137.0	1137.3	1138.0	1138.6	1139.3	1139.9	1139.3	1138.6	1138.0
170°	1149.5	1149.7	1149.8	1150.1	1150.8	1151.5	1152.1	1152.8	1152.1	1151.5	1150.8
172.5°	1158.4	1158.6	1158.7	1159.0	1159.7	1160.4	1161.0	1161.7	1161.0	1160.4	1159.7
175°	1164.9	1165.4	1165.6	1165.9	1166.6	1167.3	1167.9	1168.6	1167.9	1167.3	1166.6
177.5°	1168.9	1169.4	1169.6	1169.9	1170.6	1171.2	1171.9	1172.5	1171.9	1171.2	1170.6
180°	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6

TEST NUMBER: P1029278

CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3
2.5°	1900.6	1908.0	1906.5	1891.8	1875.5	1862.2	1837.1	1840.1	1831.2	1832.7	1841.6
5°	1853.4	1853.4	1847.5	1826.8	1800.2	1785.4	1757.4	1750.0	1732.3	1730.8	1729.3
7.5°	1803.2	1795.8	1788.4	1758.9	1726.4	1702.7	1664.3	1655.5	1637.8	1626.0	1620.0
10°	1744.1	1733.8	1719.0	1685.0	1645.2	1615.6	1575.7	1563.9	1530.0	1515.2	1506.3
12.5°	1679.1	1673.2	1649.6	1621.5	1556.5	1524.1	1466.5	1478.3	1444.3	1414.8	1410.3
15°	1614.1	1592.0	1578.7	1532.9	1454.6	1439.9	1394.1	1370.5	1339.5	1315.8	1315.8
17.5°	1550.6	1516.7	1487.1	1438.4	1380.8	1339.5	1305.5	1293.7	1255.3	1231.6	1227.2
20°	1466.5	1428.1	1420.7	1351.3	1311.4	1265.6	1233.1	1203.6	1175.5	1165.2	1157.8
22.5°	1386.7	1342.4	1330.6	1271.5	1231.6	1185.9	1153.4	1132.7	1112.0	1104.6	1091.4
25°	1301.1	1274.5	1256.8	1193.3	1148.9	1106.1	1084.0	1069.2	1050.0	1048.5	1039.7
27.5°	1218.4	1193.3	1175.5	1115.0	1082.5	1042.6	1024.9	1008.7	998.3	993.9	989.5
30°	1147.5	1119.4	1098.7	1054.4	1014.6	982.1	967.3	957.0	951.1	943.7	942.2
32.5°	1069.2	1053.0	1024.9	990.9	959.9	928.9	920.0	912.7	903.8	900.8	899.4
35°	1002.7	980.6	962.9	924.5	911.2	884.6	874.3	868.4	856.5	853.6	850.6
37.5°	937.8	917.1	897.9	874.3	849.2	834.4	828.5	819.6	813.7	815.2	812.2
40°	872.8	856.5	841.8	816.7	801.9	794.5	782.7	773.8	770.9	772.4	770.9
42.5°	809.3	794.5	785.7	766.5	751.7	744.3	736.9	728.1	732.5	732.5	736.9
45°	751.7	738.4	732.5	717.7	708.9	697.0	689.7	688.2	694.1	692.6	692.6
47.5°	692.6	688.2	680.8	667.5	655.7	648.3	646.8	646.8	652.7	655.7	654.2
50°	646.8	638.0	629.1	618.8	609.9	607.0	602.5	605.5	611.4	611.4	614.3
52.5°	589.2	583.3	580.4	571.5	565.6	565.6	565.6	567.1	571.5	576.0	574.5
55°	539.0	534.6	531.6	527.2	519.8	521.3	519.8	522.8	527.2	531.6	534.6
57.5°	485.9	484.4	481.4	474.1	474.1	472.6	477.0	478.5	485.9	488.8	493.3
60°	438.6	434.2	434.2	428.3	428.3	428.3	432.7	437.1	443.0	444.5	447.5
62.5°	388.4	388.4	386.9	382.5	382.5	386.9	388.4	394.3	397.3	397.3	401.7
65°	341.1	339.7	338.2	339.7	341.1	341.1	345.6	348.5	351.5	353.0	354.4
67.5°	293.9	292.4	295.4	293.9	296.8	302.7	301.3	305.7	310.1	310.1	311.6
70°	249.6	252.5	251.1	254.0	252.5	255.5	259.9	261.4	261.4	262.9	267.3
72.5°	208.2	208.2	208.2	206.8	208.2	211.2	214.1	215.6	218.6	220.0	224.5
75°	168.4	168.4	165.4	168.4	168.4	171.3	174.3	174.3	174.3	177.2	181.6
77.5°	127.0	128.5	127.0	130.0	130.0	131.4	134.4	132.9	135.9	137.3	138.8
80°	93.0	91.6	91.6	91.6	93.0	93.0	96.0	97.5	97.5	101.9	98.9
82.5°	59.1	60.5	59.1	60.5	60.5	62.0	60.5	62.0	63.5	66.5	65.0
85°	34.0	32.5	32.5	34.0	32.5	32.5	34.0	32.5	34.0	32.5	34.0
87.5°	13.3	11.8	11.8	11.8	11.8	10.3	10.3	8.9	8.9	8.9	7.4
90°	11.5	12.8	15.2	20.1	24.9	29.8	34.6	34.2	33.7	33.3	32.8
92.5°	28.7	29.6	29.7	29.9	30.2	30.4	30.6	30.8	31.0	31.3	31.5
95°	60.1	61.2	61.4	61.9	62.3	62.8	63.2	63.2	63.2	63.2	63.2
97.5°	93.8	94.8	95.2	96.1	97.0	97.9	98.8	98.8	98.8	98.8	98.8
100°	132.5	133.4	133.7	134.4	135.0	135.7	136.3	136.3	136.3	136.3	136.3
102.5°	172.2	172.9	173.3	174.2	175.1	175.9	176.8	177.0	177.2	177.5	177.7
105°	215.0	215.3	215.5	216.0	216.4	216.9	217.3	217.7	218.2	218.6	219.1
107.5°	261.4	261.8	261.8	261.8	261.8	261.8	261.8	262.0	262.2	262.5	262.7
110°	306.5	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2

TEST NUMBER: P1029278

CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	353.9	354.6	354.5	354.3	354.0	353.8	353.6	353.0	352.3	351.7	351.0
115°	400.4	401.1	400.9	400.4	400.0	399.5	399.1	398.9	398.7	398.4	398.2
117.5°	448.6	449.5	448.9	447.8	446.7	445.6	444.5	443.9	443.2	442.6	441.9
120°	495.0	495.9	495.0	493.3	491.5	489.8	488.0	488.0	488.0	488.0	488.0
122.5°	539.2	540.3	539.8	538.7	537.6	536.5	535.4	534.7	534.1	533.4	532.7
125°	582.8	583.8	583.5	582.8	582.1	581.5	580.8	580.2	579.5	578.9	578.2
127.5°	628.0	629.2	628.8	627.9	627.0	626.2	625.3	624.4	623.5	622.6	621.7
130°	670.3	671.7	671.5	671.0	670.6	670.1	669.7	669.3	668.9	668.4	668.0
132.5°	713.1	714.2	714.3	714.5	714.8	715.0	715.2	714.1	713.0	711.9	710.8
135°	753.5	754.7	754.9	755.4	755.8	756.3	756.7	756.5	756.3	756.0	755.8
137.5°	795.2	796.2	796.4	796.9	797.3	797.8	798.2	798.0	797.8	797.5	797.3
140°	833.7	834.7	835.2	836.3	837.4	838.5	839.6	839.6	839.6	839.6	839.6
142.5°	873.2	874.2	874.5	875.2	875.9	876.5	877.2	877.4	877.6	877.9	878.1
145°	909.0	909.8	910.5	911.8	913.1	914.4	915.7	915.9	916.1	916.4	916.6
147.5°	944.3	945.3	945.7	946.6	947.5	948.4	949.3	949.7	950.2	950.6	951.1
150°	976.2	976.9	977.3	978.2	979.1	980.0	980.9	981.6	982.2	982.9	983.6
152.5°	1006.9	1007.6	1008.1	1009.2	1010.3	1011.4	1012.5	1013.4	1014.3	1015.2	1016.1
155°	1034.9	1035.2	1035.5	1036.2	1036.9	1037.5	1038.2	1039.3	1040.4	1041.5	1042.6
157.5°	1060.7	1060.9	1061.1	1061.6	1062.0	1062.5	1062.9	1064.4	1066.0	1067.5	1069.0
160°	1084.4	1084.6	1084.7	1084.9	1085.2	1085.4	1085.6	1086.9	1088.2	1089.5	1090.8
162.5°	1104.4	1104.4	1104.5	1104.7	1105.0	1105.2	1105.4	1106.9	1108.5	1110.0	1111.5
165°	1122.3	1122.2	1122.2	1122.2	1122.2	1122.2	1122.2	1123.7	1125.3	1126.8	1128.3
167.5°	1137.3	1137.0	1137.0	1137.0	1137.0	1137.0	1137.0	1138.5	1140.1	1141.6	1143.1
170°	1150.1	1149.8	1149.7	1149.5	1149.2	1149.0	1148.8	1150.3	1151.9	1153.4	1154.9
172.5°	1159.0	1158.7	1158.6	1158.4	1158.1	1157.9	1157.7	1159.2	1160.8	1162.3	1163.8
175°	1165.9	1165.6	1165.4	1164.9	1164.5	1164.0	1163.6	1165.2	1166.7	1168.3	1169.8
177.5°	1169.9	1169.6	1169.4	1168.9	1168.5	1168.0	1167.6	1168.9	1170.2	1171.5	1172.8
180°	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6

TEST NUMBER: P1029278

CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3
2.5°	1831.2	1835.7	1825.3	1822.4	1825.3	1815.0	1817.9	1820.9	1820.9	1825.3	1828.3
5°	1724.9	1719.0	1708.7	1705.7	1702.7	1707.2	1704.2	1708.7	1710.1	1720.5	1721.9
7.5°	1620.0	1611.2	1602.3	1593.5	1590.5	1583.1	1590.5	1590.5	1600.8	1597.9	1605.3
10°	1496.0	1494.5	1482.7	1478.3	1472.4	1460.6	1476.8	1472.4	1479.8	1493.0	1496.0
12.5°	1404.4	1388.2	1395.6	1374.9	1382.3	1370.5	1371.9	1371.9	1383.8	1385.2	1382.3
15°	1317.3	1304.0	1284.8	1276.0	1271.5	1265.6	1284.8	1286.3	1277.4	1298.1	1290.7
17.5°	1228.7	1228.7	1211.0	1206.5	1194.7	1200.6	1197.7	1199.2	1196.2	1211.0	1218.4
20°	1151.9	1144.5	1138.6	1140.1	1125.3	1122.4	1119.4	1122.4	1132.7	1143.0	1146.0
22.5°	1089.9	1085.4	1070.7	1073.6	1061.8	1066.2	1063.3	1070.7	1072.2	1072.2	1082.5
25°	1030.8	1024.9	1026.4	1020.5	1016.0	1016.0	1011.6	1016.0	1021.9	1024.9	1026.4
27.5°	986.5	982.1	974.7	970.3	973.2	965.8	971.7	976.2	976.2	973.2	976.2
30°	933.3	936.3	936.3	921.5	927.4	924.5	928.9	931.9	931.9	933.3	930.4
32.5°	897.9	889.0	887.6	886.1	886.1	880.2	880.2	884.6	886.1	887.6	892.0
35°	850.6	850.6	843.3	847.7	841.8	843.3	841.8	843.3	846.2	841.8	846.2
37.5°	807.8	809.3	806.3	809.3	810.8	807.8	804.9	810.8	807.8	807.8	804.9
40°	770.9	769.4	770.9	770.9	770.9	772.4	769.4	769.4	769.4	766.5	763.5
42.5°	739.9	731.0	734.0	735.4	731.0	731.0	732.5	731.0	735.4	726.6	726.6
45°	695.6	692.6	694.1	694.1	697.0	692.6	695.6	697.0	692.6	691.1	688.2
47.5°	655.7	658.7	655.7	658.7	658.7	661.6	655.7	657.2	658.7	652.7	648.3
50°	615.8	615.8	620.3	618.8	620.3	617.3	617.3	615.8	617.3	614.3	609.9
52.5°	578.9	574.5	581.9	580.4	578.9	577.4	576.0	577.4	574.5	571.5	571.5
55°	533.1	533.1	537.6	539.0	539.0	536.1	533.1	534.6	533.1	531.6	530.2
57.5°	496.2	490.3	493.3	494.7	494.7	490.3	493.3	490.3	490.3	491.8	487.3
60°	448.9	448.9	446.0	450.4	450.4	447.5	447.5	448.9	446.0	444.5	443.0
62.5°	398.7	400.2	404.6	406.1	407.6	404.6	401.7	403.2	403.2	398.7	400.2
65°	355.9	358.9	364.8	363.3	360.3	361.8	358.9	360.3	355.9	357.4	353.0
67.5°	314.6	313.1	314.6	314.6	317.5	316.0	313.1	313.1	311.6	316.0	311.6
70°	270.3	270.3	270.3	270.3	271.7	273.2	270.3	267.3	268.8	265.8	264.3
72.5°	224.5	225.9	224.5	227.4	223.0	225.9	225.9	224.5	223.0	223.0	223.0
75°	181.6	184.6	180.2	181.6	180.2	183.1	181.6	181.6	178.7	177.2	178.7
77.5°	138.8	140.3	137.3	138.8	137.3	138.8	138.8	137.3	137.3	137.3	137.3
80°	98.9	100.4	98.9	97.5	96.0	98.9	96.0	97.5	98.9	97.5	100.4
82.5°	63.5	63.5	62.0	63.5	60.5	60.5	62.0	62.0	60.5	63.5	60.5
85°	31.0	31.0	34.0	31.0	29.5	29.5	29.5	31.0	29.5	32.5	31.0
87.5°	7.4	5.9	7.4	7.4	5.9	5.9	7.4	5.9	7.4	8.9	5.9
90°	32.6	32.7	32.9	33.2	33.4	33.6	33.4	33.2	32.9	32.7	32.6
92.5°	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
95°	63.2	63.0	62.5	62.1	61.6	61.2	61.6	62.1	62.5	63.0	63.2
97.5°	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
100°	136.3	136.2	136.0	135.7	135.5	135.3	135.5	135.7	136.0	136.2	136.3
102.5°	177.8	177.7	177.5	177.2	177.0	176.8	177.0	177.2	177.5	177.7	177.8
105°	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3
107.5°	262.8	262.2	261.1	260.0	258.9	257.8	258.9	260.0	261.1	262.2	262.8
110°	307.2	306.9	306.2	305.5	304.9	304.2	304.9	305.5	306.2	306.9	307.2

TEST NUMBER: P1029278

CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	350.7	350.5	350.0	349.6	349.1	348.7	349.1	349.6	350.0	350.5	350.7
115°	398.1	397.8	397.1	396.4	395.8	395.1	395.8	396.4	397.1	397.8	398.1
117.5°	441.6	441.3	440.6	439.9	439.3	438.6	439.3	439.9	440.6	441.3	441.6
120°	488.0	487.7	487.0	486.3	485.7	485.0	485.7	486.3	487.0	487.7	488.0
122.5°	532.4	532.2	531.8	531.3	530.9	530.5	530.9	531.3	531.8	532.2	532.4
125°	577.9	577.8	577.6	577.3	577.1	576.9	577.1	577.3	577.6	577.8	577.9
127.5°	621.3	621.0	620.3	619.7	619.0	618.4	619.0	619.7	620.3	621.0	621.3
130°	667.8	667.4	666.5	665.6	664.7	663.8	664.7	665.6	666.5	667.4	667.8
132.5°	710.2	709.9	709.2	708.6	707.9	707.3	707.9	708.6	709.2	709.9	710.2
135°	755.7	755.4	754.7	754.0	753.4	752.7	753.4	754.0	754.7	755.4	755.7
137.5°	797.2	796.8	795.9	795.0	794.1	793.2	794.1	795.0	795.9	796.8	797.2
140°	839.6	839.2	838.3	837.4	836.6	835.7	836.6	837.4	838.3	839.2	839.6
142.5°	878.2	877.8	876.9	876.0	875.1	874.2	875.1	876.0	876.9	877.8	878.2
145°	916.7	916.3	915.4	914.5	913.6	912.7	913.6	914.5	915.4	916.3	916.7
147.5°	951.3	950.9	950.0	949.1	948.2	947.3	948.2	949.1	950.0	950.9	951.3
150°	983.9	983.6	982.9	982.2	981.6	980.9	981.6	982.2	982.9	983.6	983.9
152.5°	1016.5	1016.1	1015.2	1014.3	1013.4	1012.5	1013.4	1014.3	1015.2	1016.1	1016.5
155°	1043.1	1042.8	1042.1	1041.5	1040.8	1040.2	1040.8	1041.5	1042.1	1042.8	1043.1
157.5°	1069.8	1069.3	1068.2	1067.1	1066.0	1064.9	1066.0	1067.1	1068.2	1069.3	1069.8
160°	1091.5	1091.1	1090.2	1089.3	1088.5	1087.6	1088.5	1089.3	1090.2	1091.1	1091.5
162.5°	1112.3	1111.7	1110.6	1109.5	1108.4	1107.3	1108.4	1109.5	1110.6	1111.7	1112.3
165°	1129.1	1128.5	1127.4	1126.3	1125.2	1124.1	1125.2	1126.3	1127.4	1128.5	1129.1
167.5°	1143.9	1143.4	1142.3	1141.2	1140.1	1139.0	1140.1	1141.2	1142.3	1143.4	1143.9
170°	1155.7	1155.0	1153.7	1152.4	1151.1	1149.8	1151.1	1152.4	1153.7	1155.0	1155.7
172.5°	1164.6	1163.9	1162.6	1161.3	1160.0	1158.7	1160.0	1161.3	1162.6	1163.9	1164.6
175°	1170.6	1169.9	1168.6	1167.3	1165.9	1164.6	1165.9	1167.3	1168.6	1169.9	1170.6
177.5°	1173.5	1172.8	1171.5	1170.2	1168.9	1167.6	1168.9	1170.2	1171.5	1172.8	1173.5
180°	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6

TEST NUMBER: P1029278

CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3
2.5°	1823.8	1835.7	1831.2	1815.0	1834.2	1834.2	1847.5	1847.5	1863.7	1869.6	1878.5
5°	1720.5	1729.3	1736.7	1729.3	1742.6	1763.3	1775.1	1785.4	1807.6	1816.5	1829.8
7.5°	1609.7	1626.0	1633.3	1633.3	1655.5	1679.1	1702.7	1717.5	1748.5	1760.3	1773.6
10°	1501.9	1521.1	1535.9	1534.4	1571.3	1586.1	1615.6	1649.6	1680.6	1698.3	1717.5
12.5°	1388.2	1398.5	1419.2	1448.7	1457.6	1484.2	1518.1	1561.0	1617.1	1633.3	1661.4
15°	1293.7	1321.7	1338.0	1351.3	1371.9	1397.0	1434.0	1475.3	1531.4	1566.9	1596.4
17.5°	1213.9	1250.8	1261.2	1258.2	1284.8	1323.2	1366.0	1397.0	1447.3	1490.1	1518.1
20°	1148.9	1163.7	1181.4	1188.8	1209.5	1250.8	1292.2	1327.6	1369.0	1403.0	1435.4
22.5°	1084.0	1095.8	1110.6	1123.8	1140.1	1163.7	1203.6	1247.9	1287.8	1320.3	1357.2
25°	1030.8	1038.2	1051.5	1061.8	1079.5	1095.8	1123.8	1172.6	1219.8	1239.0	1271.5
27.5°	979.1	985.0	993.9	1005.7	1014.6	1030.8	1055.9	1095.8	1144.5	1163.7	1208.0
30°	933.3	937.8	946.6	952.5	957.0	976.2	995.4	1026.4	1063.3	1089.9	1122.4
32.5°	890.5	894.9	903.8	905.3	911.2	921.5	939.2	967.3	999.8	1021.9	1050.0
35°	843.3	846.2	855.1	858.0	862.4	871.3	884.6	905.3	934.8	951.1	976.2
37.5°	806.3	804.9	810.8	815.2	821.1	825.5	830.0	850.6	872.8	887.6	906.8
40°	766.5	763.5	765.0	770.9	773.8	779.7	779.7	800.4	815.2	827.0	841.8
42.5°	726.6	725.1	722.2	725.1	728.1	729.5	731.0	745.8	760.6	770.9	787.1
45°	686.7	685.2	682.3	683.8	683.8	686.7	691.1	697.0	707.4	716.2	725.1
47.5°	649.8	646.8	642.4	640.9	643.9	643.9	643.9	649.8	660.1	663.1	671.9
50°	611.4	607.0	601.1	598.1	598.1	596.6	599.6	601.1	609.9	612.9	620.3
52.5°	570.0	567.1	561.2	555.3	556.8	553.8	555.3	556.8	559.7	564.1	568.6
55°	528.7	522.8	518.4	516.9	512.4	512.4	508.0	513.9	512.4	513.9	519.8
57.5°	488.8	482.9	475.5	472.6	468.1	466.7	463.7	462.2	463.7	468.1	472.6
60°	441.6	438.6	434.2	429.7	426.8	422.4	419.4	419.4	417.9	417.9	419.4
62.5°	395.8	394.3	388.4	386.9	384.0	381.0	376.6	373.6	373.6	376.6	378.1
65°	351.5	350.0	345.6	344.1	336.7	333.8	332.3	330.8	327.8	327.8	327.8
67.5°	310.1	305.7	305.7	298.3	292.4	289.5	286.5	285.0	285.0	285.0	286.5
70°	264.3	264.3	259.9	255.5	249.6	251.1	246.6	242.2	242.2	239.2	240.7
72.5°	220.0	218.6	214.1	212.7	208.2	203.8	200.8	203.8	199.4	197.9	199.4
75°	177.2	175.7	172.8	169.8	171.3	166.9	162.4	161.0	161.0	158.0	158.0
77.5°	135.9	138.8	132.9	131.4	128.5	125.5	124.1	122.6	122.6	122.6	125.5
80°	94.5	96.0	96.0	93.0	94.5	90.1	90.1	90.1	85.7	87.1	88.6
82.5°	60.5	60.5	59.1	60.5	59.1	59.1	57.6	57.6	56.1	56.1	57.6
85°	34.0	32.5	31.0	34.0	32.5	32.5	31.0	31.0	31.0	31.0	31.0
87.5°	7.4	8.9	8.9	8.9	8.9	10.3	10.3	10.3	11.8	11.8	11.8
90°	32.8	33.3	33.7	34.2	34.6	29.8	24.9	20.1	15.2	12.8	11.5
92.5°	31.5	31.3	31.0	30.8	30.6	30.4	30.2	29.9	29.7	29.6	28.7
95°	63.2	63.2	63.2	63.2	63.2	62.8	62.3	61.9	61.4	61.2	60.1
97.5°	98.8	98.8	98.8	98.8	98.8	97.9	97.0	96.1	95.2	94.8	93.8
100°	136.3	136.3	136.3	136.3	136.3	135.7	135.0	134.4	133.7	133.4	132.5
102.5°	177.7	177.5	177.2	177.0	176.8	175.9	175.1	174.2	173.3	172.9	172.2
105°	219.1	218.6	218.2	217.7	217.3	216.9	216.4	216.0	215.5	215.3	215.0
107.5°	262.7	262.5	262.2	262.0	261.8	261.8	261.8	261.8	261.8	261.8	261.4
110°	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	306.5

TEST NUMBER: P1029278

CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	351.0	351.7	352.3	353.0	353.6	353.8	354.0	354.3	354.5	354.6	353.9
115°	398.2	398.4	398.7	398.9	399.1	399.5	400.0	400.4	400.9	401.1	400.4
117.5°	441.9	442.6	443.2	443.9	444.5	445.6	446.7	447.8	448.9	449.5	448.6
120°	488.0	488.0	488.0	488.0	488.0	489.8	491.5	493.3	495.0	495.9	495.0
122.5°	532.7	533.4	534.1	534.7	535.4	536.5	537.6	538.7	539.8	540.3	539.2
125°	578.2	578.9	579.5	580.2	580.8	581.5	582.1	582.8	583.5	583.8	582.8
127.5°	621.7	622.6	623.5	624.4	625.3	626.2	627.0	627.9	628.8	629.2	628.0
130°	668.0	668.4	668.9	669.3	669.7	670.1	670.6	671.0	671.5	671.7	670.3
132.5°	710.8	711.9	713.0	714.1	715.2	715.0	714.8	714.5	714.3	714.2	713.1
135°	755.8	756.0	756.3	756.5	756.7	756.3	755.8	755.4	754.9	754.7	753.5
137.5°	797.3	797.5	797.8	798.0	798.2	797.8	797.3	796.9	796.4	796.2	795.2
140°	839.6	839.6	839.6	839.6	839.6	838.5	837.4	836.3	835.2	834.7	833.7
142.5°	878.1	877.9	877.6	877.4	877.2	876.5	875.9	875.2	874.5	874.2	873.2
145°	916.6	916.4	916.1	915.9	915.7	914.4	913.1	911.8	910.5	909.8	909.0
147.5°	951.1	950.6	950.2	949.7	949.3	948.4	947.5	946.6	945.7	945.3	944.3
150°	983.6	982.9	982.2	981.6	980.9	980.0	979.1	978.2	977.3	976.9	976.2
152.5°	1016.1	1015.2	1014.3	1013.4	1012.5	1011.4	1010.3	1009.2	1008.1	1007.6	1006.9
155°	1042.6	1041.5	1040.4	1039.3	1038.2	1037.5	1036.9	1036.2	1035.5	1035.2	1034.9
157.5°	1069.0	1067.5	1066.0	1064.4	1062.9	1062.5	1062.0	1061.6	1061.1	1060.9	1060.7
160°	1090.8	1089.5	1088.2	1086.9	1085.6	1085.4	1085.2	1084.9	1084.7	1084.6	1084.4
162.5°	1111.5	1110.0	1108.5	1106.9	1105.4	1105.2	1105.0	1104.7	1104.5	1104.4	1104.4
165°	1128.3	1126.8	1125.3	1123.7	1122.2	1122.2	1122.2	1122.2	1122.2	1122.2	1122.3
167.5°	1143.1	1141.6	1140.1	1138.5	1137.0	1137.0	1137.0	1137.0	1137.0	1137.0	1137.3
170°	1154.9	1153.4	1151.9	1150.3	1148.8	1149.0	1149.2	1149.5	1149.7	1149.8	1150.1
172.5°	1163.8	1162.3	1160.8	1159.2	1157.7	1157.9	1158.1	1158.4	1158.6	1158.7	1159.0
175°	1169.8	1168.3	1166.7	1165.2	1163.6	1164.0	1164.5	1164.9	1165.4	1165.6	1165.9
177.5°	1172.8	1171.5	1170.2	1168.9	1167.6	1168.0	1168.5	1168.9	1169.4	1169.6	1169.9
180°	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6	1170.6

TEST NUMBER: P1029278

CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1921.3	1921.3	1921.3	1921.3
2.5°	1885.9	1885.9	1908.0	1931.6
5°	1844.5	1854.9	1890.3	1922.8
7.5°	1804.6	1822.4	1866.7	1908.0
10°	1755.9	1779.5	1834.2	1882.9
12.5°	1708.7	1730.8	1794.3	1848.9
15°	1642.2	1670.3	1738.2	1806.1
17.5°	1575.7	1603.8	1686.5	1766.2
20°	1497.5	1534.4	1627.4	1733.8
22.5°	1425.1	1470.9	1574.3	1659.9
25°	1345.4	1416.2	1512.2	1623.0
27.5°	1274.5	1345.4	1442.8	1555.1
30°	1194.7	1267.1	1367.5	1470.9
32.5°	1117.9	1184.4	1281.9	1408.9
35°	1038.2	1101.7	1196.2	1324.7
37.5°	965.8	1027.9	1131.2	1249.4
40°	894.9	959.9	1048.5	1166.7
42.5°	828.5	886.1	965.8	1084.0
45°	767.9	809.3	883.1	993.9
47.5°	704.4	741.4	809.3	920.0
50°	645.4	676.4	735.4	838.8
52.5°	587.8	614.3	669.0	751.7
55°	536.1	561.2	601.1	682.3
57.5°	482.9	502.1	540.5	605.5
60°	431.2	448.9	480.0	533.1
62.5°	379.5	394.3	423.8	466.7
65°	333.8	345.6	367.7	404.6
67.5°	289.5	296.8	314.6	344.1
70°	246.6	252.5	267.3	290.9
72.5°	200.8	206.8	223.0	239.2
75°	162.4	163.9	175.7	189.0
77.5°	127.0	125.5	134.4	144.7
80°	87.1	91.6	98.9	103.4
82.5°	59.1	60.5	63.5	66.5
85°	32.5	34.0	34.0	38.4
87.5°	13.3	14.8	14.8	16.2
90°	8.9	6.2	3.6	1.0
92.5°	27.0	25.2	23.5	21.7
95°	57.9	55.8	53.6	51.4
97.5°	91.8	89.9	87.9	85.9
100°	130.8	129.0	127.3	125.5
102.5°	170.9	169.6	168.2	166.9
105°	214.3	213.7	213.0	212.4
107.5°	260.5	259.6	258.7	257.8
110°	305.2	303.9	302.6	301.3

TEST NUMBER: P1029278

CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	352.6	351.3	350.0	348.7
115°	399.1	397.8	396.4	395.1
117.5°	446.9	445.1	443.4	441.6
120°	493.3	491.5	489.8	488.0
122.5°	537.0	534.9	532.7	530.5
125°	580.8	578.9	576.9	574.9
127.5°	625.6	623.2	620.8	618.4
130°	667.4	664.6	661.7	658.9
132.5°	710.9	708.7	706.5	704.3
135°	751.1	748.6	746.2	743.8
137.5°	793.2	791.3	789.3	787.3
140°	831.7	829.8	827.8	825.8
142.5°	871.2	869.3	867.3	865.3
145°	907.5	906.0	904.4	902.9
147.5°	942.3	940.4	938.4	936.4
150°	974.9	973.6	972.3	971.0
152.5°	1005.6	1004.3	1002.9	1001.6
155°	1034.2	1033.6	1032.9	1032.3
157.5°	1060.2	1059.8	1059.3	1058.9
160°	1083.9	1083.5	1083.0	1082.6
162.5°	1104.4	1104.4	1104.4	1104.4
165°	1122.5	1122.7	1122.9	1123.1
167.5°	1138.0	1138.6	1139.3	1139.9
170°	1150.8	1151.5	1152.1	1152.8
172.5°	1159.7	1160.4	1161.0	1161.7
175°	1166.6	1167.3	1167.9	1168.6
177.5°	1170.6	1171.2	1171.9	1172.5
180°	1170.6	1170.6	1170.6	1170.6

(END OF REPORT)