

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: P1029282

Luminaire Tested: S122DIW-B1005D970UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029282
REPORT IS A COMBINATION OF REPORTS P985401 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-A_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

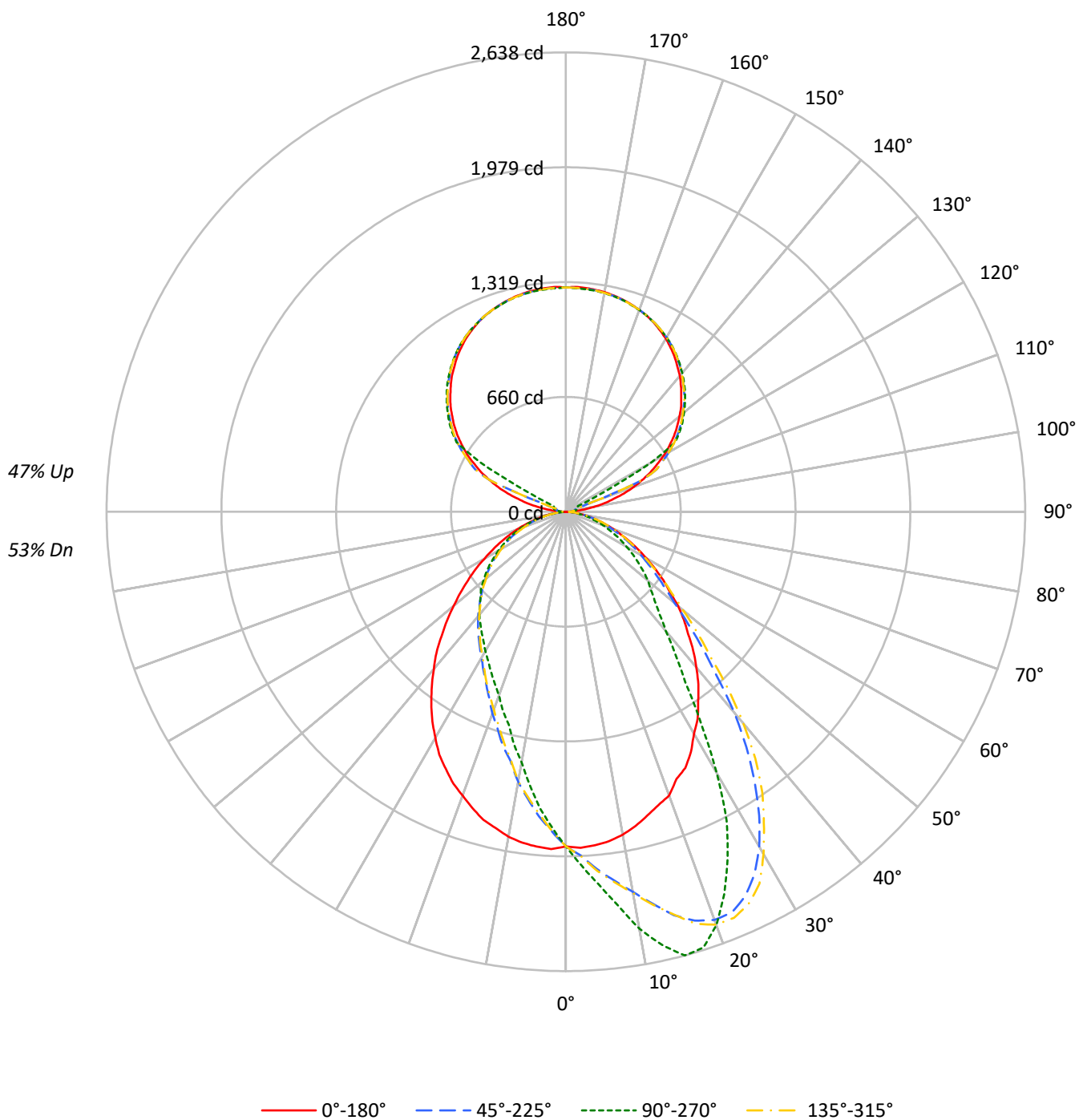
Lumens per Lamp: N/A
Luminaire Lumens: 8017.0 lumens
Efficiency: N/A
Efficacy: 86.4 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	108	108	108	108	100	100	100	100	85	85	85	71	71	71	59	59	59
1	99	95	91	88	92	88	85	82	75	73	71	64	62	60	53	52	51
2	91	83	77	73	84	78	72	68	67	63	59	56	54	51	47	45	43
3	83	74	67	61	77	69	62	57	59	54	51	50	47	44	42	40	38
4	76	66	58	52	70	61	54	49	53	48	44	45	41	38	38	35	33
5	70	59	51	45	65	55	48	43	48	42	38	41	37	33	35	31	29
6	65	53	45	39	60	50	42	37	43	38	33	37	33	30	32	28	26
7	60	48	40	35	56	45	38	33	39	34	30	34	30	26	29	26	23
8	56	44	36	31	52	41	34	29	36	30	27	31	27	24	27	23	21
9	52	40	33	28	48	38	31	26	33	28	24	29	24	21	25	21	19
10	49	37	30	25	45	35	28	24	31	25	22	27	22	19	23	20	17

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

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.0	2.3
10°-20°	532.6	6.6
20°-30°	773.0	9.6
30°-40°	814.9	10.2
40°-50°	721.1	9.0
50°-60°	575.8	7.2
60°-70°	391.1	4.9
70°-80°	200.1	2.5
80°-90°	49.6	0.6
90°-100°	42.5	0.5
100°-110°	158.3	2.0
110°-120°	419.9	5.2
120°-130°	696.4	8.7
130°-140°	739.7	9.2
140°-150°	687.5	8.6
150°-160°	552.7	6.9
160°-170°	356.2	4.4
170°-180°	122.6	1.5
0°-30°	1488.7	18.6
0°-40°	2303.6	28.7
0°-60°	3600.5	44.9
0°-90°	4241.3	52.9
90°-120°	620.7	7.7
90°-150°	2744.3	34.2
90°-180°	3776.0	47.1
0°-180°	8017.0	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	25	1	25	1	6
95°	61	40	61	40	61	72
105°	283	71	283	71	283	303
115°	536	76	536	76	536	527
125°	758	797	758	797	758	676
135°	938	968	938	968	938	724
145°	1088	1104	1088	1104	1088	680
155°	1198	1198	1198	1198	1198	552
165°	1262	1259	1262	1259	1262	356
175°	1291	1283	1291	1283	1291	123
180°	1288	1288	1288	1288	1288	

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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°	0.9	3.2	5.5	7.8	10.1	11.2	12.0	13.7	15.3	17.0	18.6
92.5°	23.3	22.5	21.7	20.8	20.0	19.6	19.9	20.5	21.2	21.8	22.4
95°	60.6	53.8	46.9	40.1	33.2	29.8	30.5	32.0	33.4	34.9	36.3
97.5°	109.0	92.0	75.0	58.1	41.1	32.6	34.3	37.6	40.9	44.2	47.5
100°	165.0	136.6	108.2	79.9	51.5	37.3	39.1	42.6	46.1	49.6	53.1
102.5°	226.5	226.1	225.7	225.2	224.8	224.6	205.8	168.1	130.4	92.7	55.0
105°	283.3	289.5	295.7	302.0	308.2	311.3	283.0	226.5	169.9	113.4	56.8
107.5°	349.5	354.7	359.9	365.0	370.2	372.8	337.9	268.1	198.3	128.5	58.7
110°	412.8	417.2	421.5	425.9	430.2	432.4	402.5	342.6	282.8	222.9	163.1

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	472.5	476.2	480.0	483.7	487.4	489.3	487.5	484.0	480.5	476.9	473.4
115°	535.9	539.4	542.9	546.4	549.9	551.7	554.3	559.5	564.6	569.8	575.0
117.5°	590.8	595.0	599.1	603.3	607.4	609.5	611.3	614.8	618.3	621.8	625.3
120°	652.3	655.4	658.5	661.6	664.7	666.3	668.2	671.9	675.6	679.4	683.1
122.5°	704.5	707.8	711.1	714.4	717.7	719.4	721.5	725.6	729.8	733.9	738.1
125°	757.7	760.4	763.1	765.8	768.5	769.8	771.8	775.7	779.6	783.6	787.5
127.5°	806.1	809.0	811.9	814.8	817.7	819.2	820.7	823.8	826.9	830.0	833.1
130°	851.8	855.1	858.4	861.7	865.0	866.7	867.8	870.1	872.4	874.6	876.9
132.5°	898.4	901.1	903.8	906.5	909.2	910.5	911.6	913.9	916.2	918.4	920.7
135°	937.5	940.8	944.1	947.4	950.7	952.4	953.3	955.2	957.1	958.9	960.8
137.5°	978.5	981.0	983.5	986.0	988.5	989.7	990.7	992.8	994.9	996.9	999.0
140°	1018.6	1020.3	1021.9	1023.6	1025.3	1026.1	1027.2	1029.5	1031.8	1034.0	1036.3
142.5°	1052.1	1053.6	1055.0	1056.5	1058.0	1058.7	1060.0	1062.7	1065.4	1068.1	1070.8
145°	1087.6	1087.4	1087.2	1086.9	1086.7	1086.6	1088.4	1091.9	1095.4	1099.0	1102.5
147.5°	1118.3	1117.7	1117.1	1116.4	1115.8	1115.5	1117.3	1120.8	1124.3	1127.9	1131.4
150°	1148.1	1146.7	1145.2	1143.8	1142.3	1141.6	1143.3	1146.6	1149.9	1153.2	1156.5
152.5°	1173.3	1171.6	1170.0	1168.3	1166.6	1165.8	1167.4	1170.5	1173.6	1176.7	1179.8
155°	1197.5	1195.6	1193.8	1191.9	1190.0	1189.1	1190.3	1192.8	1195.3	1197.8	1200.3
157.5°	1217.1	1215.4	1213.8	1212.1	1210.4	1209.6	1210.5	1212.4	1214.3	1216.1	1218.0
160°	1233.9	1232.7	1231.4	1230.2	1228.9	1228.3	1228.9	1230.2	1231.4	1232.7	1233.9
162.5°	1248.8	1247.6	1246.3	1245.1	1243.8	1243.2	1243.7	1244.7	1245.8	1246.8	1247.8
165°	1261.8	1260.6	1259.3	1258.1	1256.8	1256.2	1256.5	1257.1	1257.8	1258.4	1259.0
167.5°	1272.1	1270.9	1269.6	1268.4	1267.1	1266.5	1266.8	1267.4	1268.1	1268.7	1269.3
170°	1280.5	1279.3	1278.0	1276.8	1275.5	1274.9	1275.1	1275.5	1275.9	1276.3	1276.7
172.5°	1286.1	1284.9	1283.6	1282.4	1281.1	1280.5	1280.7	1281.1	1281.5	1281.9	1282.3
175°	1290.7	1289.3	1287.8	1286.4	1284.9	1284.2	1284.4	1284.8	1285.3	1285.7	1286.1
177.5°	1292.6	1291.2	1289.7	1288.3	1286.8	1286.1	1286.2	1286.4	1286.6	1286.8	1287.0
180°	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9

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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°	19.6	20.7	21.7	22.8	23.3	23.5	23.9	24.4	24.8	25.2	24.8
92.5°	22.8	23.2	23.6	24.0	24.2	24.3	24.5	24.8	25.0	25.2	25.0
95°	37.3	38.4	39.4	40.5	41.0	40.9	40.7	40.5	40.3	40.1	40.3
97.5°	48.1	48.7	49.4	50.0	50.3	50.4	50.6	50.9	51.1	51.3	51.1
100°	54.8	56.4	58.1	59.8	60.6	60.8	61.2	61.6	62.0	62.4	62.0
102.5°	57.3	59.5	61.8	64.1	65.2	65.5	66.1	66.8	67.4	68.0	67.4
105°	59.1	61.4	63.7	66.0	67.1	67.5	68.3	69.2	70.0	70.8	70.0
107.5°	61.0	63.3	65.6	67.9	69.0	69.4	70.2	71.1	71.9	72.7	71.9
110°	142.4	121.7	101.0	80.3	69.9	70.3	71.1	72.0	72.8	73.6	72.8

TEST NUMBER: P1029282

CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	384.2	294.9	205.7	116.4	71.8	72.1	72.7	73.4	74.0	74.6	74.0
115°	479.1	383.2	287.3	191.4	143.5	136.0	121.1	106.2	91.3	76.4	91.3
117.5°	595.7	566.1	536.5	506.9	492.1	465.0	410.7	356.4	302.2	247.9	302.2
120°	685.6	688.1	690.6	693.1	694.3	680.3	652.4	624.4	596.5	568.5	596.5
122.5°	739.3	740.6	741.8	743.1	743.7	743.8	744.0	744.2	744.4	744.6	744.4
125°	788.9	790.4	791.8	793.3	794.0	794.3	794.9	795.6	796.2	796.8	796.2
127.5°	835.2	837.3	839.4	841.5	842.5	842.6	842.8	843.0	843.2	843.4	843.2
130°	879.2	881.5	883.8	886.1	887.2	887.1	886.9	886.7	886.5	886.3	886.5
132.5°	922.6	924.4	926.3	928.2	929.1	929.0	928.8	928.6	928.4	928.2	928.4
135°	962.9	964.9	967.0	969.1	970.1	969.9	969.5	969.1	968.7	968.3	968.7
137.5°	1001.1	1003.1	1005.2	1007.3	1008.3	1008.0	1007.4	1006.7	1006.1	1005.5	1006.1
140°	1038.2	1040.0	1041.9	1043.8	1044.7	1044.2	1043.1	1042.1	1041.0	1040.0	1041.0
142.5°	1072.4	1074.1	1075.7	1077.4	1078.2	1077.7	1076.7	1075.6	1074.6	1073.6	1074.6
145°	1103.9	1105.4	1106.8	1108.3	1109.0	1108.5	1107.4	1106.4	1105.3	1104.3	1105.3
147.5°	1132.4	1133.4	1134.5	1135.5	1136.0	1135.6	1134.8	1133.9	1133.1	1132.3	1133.1
150°	1157.7	1159.0	1160.2	1161.5	1162.1	1161.6	1160.6	1159.5	1158.5	1157.5	1158.5
152.5°	1181.0	1182.3	1183.5	1184.8	1185.4	1184.7	1183.2	1181.8	1180.3	1178.9	1180.3
155°	1201.5	1202.8	1204.0	1205.3	1205.9	1205.1	1203.4	1201.8	1200.1	1198.5	1200.1
157.5°	1219.5	1220.9	1222.4	1223.9	1224.6	1223.8	1222.1	1220.4	1218.8	1217.1	1218.8
160°	1235.1	1236.4	1237.6	1238.9	1239.5	1238.8	1237.3	1235.8	1234.4	1232.9	1234.4
162.5°	1249.3	1250.7	1252.2	1253.7	1254.4	1253.5	1251.6	1249.7	1247.9	1246.0	1247.9
165°	1260.5	1261.9	1263.4	1264.9	1265.6	1264.9	1263.4	1261.9	1260.5	1259.0	1260.5
167.5°	1270.7	1272.2	1273.6	1275.1	1275.8	1274.9	1273.0	1271.1	1269.3	1267.4	1269.3
170°	1278.2	1279.6	1281.1	1282.6	1283.3	1282.4	1280.5	1278.6	1276.8	1274.9	1276.8
172.5°	1283.8	1285.2	1286.7	1288.2	1288.9	1288.0	1286.1	1284.2	1282.4	1280.5	1282.4
175°	1287.5	1289.0	1290.4	1291.9	1292.6	1291.6	1289.5	1287.4	1285.4	1283.3	1285.4
177.5°	1288.4	1289.9	1291.3	1292.8	1293.5	1292.6	1290.7	1288.8	1287.0	1285.1	1287.0
180°	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9

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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°	24.4	23.9	23.5	23.3	22.8	21.7	20.7	19.6	18.6	17.0	15.3
92.5°	24.8	24.5	24.3	24.2	24.0	23.6	23.2	22.8	22.4	21.8	21.2
95°	40.5	40.7	40.9	41.0	40.5	39.4	38.4	37.3	36.3	34.9	33.4
97.5°	50.9	50.6	50.4	50.3	50.0	49.4	48.7	48.1	47.5	44.2	40.9
100°	61.6	61.2	60.8	60.6	59.8	58.1	56.4	54.8	53.1	49.6	46.1
102.5°	66.8	66.1	65.5	65.2	64.1	61.8	59.5	57.3	55.0	52.7	50.4
105°	69.2	68.3	67.5	67.1	66.0	63.7	61.4	59.1	56.8	54.5	52.2
107.5°	71.1	70.2	69.4	69.0	67.9	65.6	63.3	61.0	58.7	56.4	54.1
110°	72.0	71.1	70.3	69.9	68.3	65.6	63.3	61.0	58.7	56.4	54.1

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CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	73.4	72.7	72.1	71.8	116.4	205.7	294.9	384.2	473.4	476.9	480.5
115°	106.2	121.1	136.0	143.5	191.4	287.3	383.2	479.1	575.0	569.8	564.6
117.5°	356.4	410.7	465.0	492.1	506.9	536.5	566.1	595.7	625.3	621.8	618.3
120°	624.4	652.4	680.3	694.3	693.1	690.6	688.1	685.6	683.1	679.4	675.6
122.5°	744.2	744.0	743.8	743.7	743.1	741.8	740.6	739.3	738.1	733.9	729.8
125°	795.6	794.9	794.3	794.0	793.3	791.8	790.4	788.9	787.5	783.6	779.6
127.5°	843.0	842.8	842.6	842.5	841.5	839.4	837.3	835.2	833.1	830.0	826.9
130°	886.7	886.9	887.1	887.2	886.1	883.8	881.5	879.2	876.9	874.6	872.4
132.5°	928.6	928.8	929.0	929.1	928.2	926.3	924.4	922.6	920.7	918.4	916.2
135°	969.1	969.5	969.9	970.1	969.1	967.0	964.9	962.9	960.8	958.9	957.1
137.5°	1006.7	1007.4	1008.0	1008.3	1007.3	1005.2	1003.1	1001.1	999.0	996.9	994.9
140°	1042.1	1043.1	1044.2	1044.7	1043.8	1041.9	1040.0	1038.2	1036.3	1034.0	1031.8
142.5°	1075.6	1076.7	1077.7	1078.2	1077.4	1075.7	1074.1	1072.4	1070.8	1068.1	1065.4
145°	1106.4	1107.4	1108.5	1109.0	1108.3	1106.8	1105.4	1103.9	1102.5	1099.0	1095.4
147.5°	1133.9	1134.8	1135.6	1136.0	1135.5	1134.5	1133.4	1132.4	1131.4	1127.9	1124.3
150°	1159.5	1160.6	1161.6	1162.1	1161.5	1160.2	1159.0	1157.7	1156.5	1153.2	1149.9
152.5°	1181.8	1183.2	1184.7	1185.4	1184.8	1183.5	1182.3	1181.0	1179.8	1176.7	1173.6
155°	1201.8	1203.4	1205.1	1205.9	1205.3	1204.0	1202.8	1201.5	1200.3	1197.8	1195.3
157.5°	1220.4	1222.1	1223.8	1224.6	1223.9	1222.4	1220.9	1219.5	1218.0	1216.1	1214.3
160°	1235.8	1237.3	1238.8	1239.5	1238.9	1237.6	1236.4	1235.1	1233.9	1232.7	1231.4
162.5°	1249.7	1251.6	1253.5	1254.4	1253.7	1252.2	1250.7	1249.3	1247.8	1246.8	1245.8
165°	1261.9	1263.4	1264.9	1265.6	1264.9	1263.4	1261.9	1260.5	1259.0	1258.4	1257.8
167.5°	1271.1	1273.0	1274.9	1275.8	1275.1	1273.6	1272.2	1270.7	1269.3	1268.7	1268.1
170°	1278.6	1280.5	1282.4	1283.3	1282.6	1281.1	1279.6	1278.2	1276.7	1276.3	1275.9
172.5°	1284.2	1286.1	1288.0	1288.9	1288.2	1286.7	1285.2	1283.8	1282.3	1281.9	1281.5
175°	1287.4	1289.5	1291.6	1292.6	1291.9	1290.4	1289.0	1287.5	1286.1	1285.7	1285.3
177.5°	1288.8	1290.7	1292.6	1293.5	1292.8	1291.3	1289.9	1288.4	1287.0	1286.8	1286.6
180°	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9

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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°	13.7	12.0	11.2	10.1	7.8	5.5	3.2	0.9	3.2	5.5	7.8
92.5°	20.5	19.9	19.6	20.0	20.8	21.7	22.5	23.3	22.5	21.7	20.8
95°	32.0	30.5	29.8	33.2	40.1	46.9	53.8	60.6	53.8	46.9	40.1
97.5°	37.6	34.3	32.6	41.1	58.1	75.0	92.0	109.0	92.0	75.0	58.1
100°	42.6	39.1	37.3	51.5	79.9	108.2	136.6	165.0	136.6	108.2	79.9
102.5°	168.1	205.8	224.6	224.8	225.2	225.7	226.1	226.5	226.1	225.7	225.2
105°	226.5	283.0	311.3	308.2	302.0	295.7	289.5	283.3	289.5	295.7	302.0
107.5°	268.1	337.9	372.8	370.2	365.0	359.9	354.7	349.5	354.7	359.9	365.0
110°	342.6	402.5	432.4	430.2	425.9	421.5	417.2	412.8	417.2	421.5	425.9

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CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	484.0	487.5	489.3	487.4	483.7	480.0	476.2	472.5	476.2	480.0	483.7
115°	559.5	554.3	551.7	549.9	546.4	542.9	539.4	535.9	539.4	542.9	546.4
117.5°	614.8	611.3	609.5	607.4	603.3	599.1	595.0	590.8	595.0	599.1	603.3
120°	671.9	668.2	666.3	664.7	661.6	658.5	655.4	652.3	655.4	658.5	661.6
122.5°	725.6	721.5	719.4	717.7	714.4	711.1	707.8	704.5	707.8	711.1	714.4
125°	775.7	771.8	769.8	768.5	765.8	763.1	760.4	757.7	760.4	763.1	765.8
127.5°	823.8	820.7	819.2	817.7	814.8	811.9	809.0	806.1	809.0	811.9	814.8
130°	870.1	867.8	866.7	865.0	861.7	858.4	855.1	851.8	855.1	858.4	861.7
132.5°	913.9	911.6	910.5	909.2	906.5	903.8	901.1	898.4	901.1	903.8	906.5
135°	955.2	953.3	952.4	950.7	947.4	944.1	940.8	937.5	940.8	944.1	947.4
137.5°	992.8	990.7	989.7	988.5	986.0	983.5	981.0	978.5	981.0	983.5	986.0
140°	1029.5	1027.2	1026.1	1025.3	1023.6	1021.9	1020.3	1018.6	1020.3	1021.9	1023.6
142.5°	1062.7	1060.0	1058.7	1058.0	1056.5	1055.0	1053.6	1052.1	1053.6	1055.0	1056.5
145°	1091.9	1088.4	1086.6	1086.7	1086.9	1087.2	1087.4	1087.6	1087.4	1087.2	1086.9
147.5°	1120.8	1117.3	1115.5	1115.8	1116.4	1117.1	1117.7	1118.3	1117.7	1117.1	1116.4
150°	1146.6	1143.3	1141.6	1142.3	1143.8	1145.2	1146.7	1148.1	1146.7	1145.2	1143.8
152.5°	1170.5	1167.4	1165.8	1166.6	1168.3	1170.0	1171.6	1173.3	1171.6	1170.0	1168.3
155°	1192.8	1190.3	1189.1	1190.0	1191.9	1193.8	1195.6	1197.5	1195.6	1193.8	1191.9
157.5°	1212.4	1210.5	1209.6	1210.4	1212.1	1213.8	1215.4	1217.1	1215.4	1213.8	1212.1
160°	1230.2	1228.9	1228.3	1228.9	1230.2	1231.4	1232.7	1233.9	1232.7	1231.4	1230.2
162.5°	1244.7	1243.7	1243.2	1243.8	1245.1	1246.3	1247.6	1248.8	1247.6	1246.3	1245.1
165°	1257.1	1256.5	1256.2	1256.8	1258.1	1259.3	1260.6	1261.8	1260.6	1259.3	1258.1
167.5°	1267.4	1266.8	1266.5	1267.1	1268.4	1269.6	1270.9	1272.1	1270.9	1269.6	1268.4
170°	1275.5	1275.1	1274.9	1275.5	1276.8	1278.0	1279.3	1280.5	1279.3	1278.0	1276.8
172.5°	1281.1	1280.7	1280.5	1281.1	1282.4	1283.6	1284.9	1286.1	1284.9	1283.6	1282.4
175°	1284.8	1284.4	1284.2	1284.9	1286.4	1287.8	1289.3	1290.7	1289.3	1287.8	1286.4
177.5°	1286.4	1286.2	1286.1	1286.8	1288.3	1289.7	1291.2	1292.6	1291.2	1289.7	1288.3
180°	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9

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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°	10.1	11.2	12.0	13.7	15.3	17.0	18.6	19.6	20.7	21.7	22.8
92.5°	20.0	19.6	19.9	20.5	21.2	21.8	22.4	22.8	23.2	23.6	24.0
95°	33.2	29.8	30.5	32.0	33.4	34.9	36.3	37.3	38.4	39.4	40.5
97.5°	41.1	32.6	34.3	37.6	40.9	44.2	47.5	48.1	48.7	49.4	50.0
100°	51.5	37.3	39.1	42.6	46.1	49.6	53.1	54.8	56.4	58.1	59.8
102.5°	224.8	224.6	205.8	168.1	130.4	92.7	55.0	57.3	59.5	61.8	64.1
105°	308.2	311.3	283.0	226.5	169.9	113.4	56.8	59.1	61.4	63.7	66.0
107.5°	370.2	372.8	337.9	268.1	198.3	128.5	58.7	61.0	63.3	65.6	67.9
110°	430.2	432.4	402.5	342.6	282.8	222.9	163.1	142.4	121.7	101.0	80.3

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	487.4	489.3	487.5	484.0	480.5	476.9	473.4	384.2	294.9	205.7	116.4
115°	549.9	551.7	554.3	559.5	564.6	569.8	575.0	479.1	383.2	287.3	191.4
117.5°	607.4	609.5	611.3	614.8	618.3	621.8	625.3	595.7	566.1	536.5	506.9
120°	664.7	666.3	668.2	671.9	675.6	679.4	683.1	685.6	688.1	690.6	693.1
122.5°	717.7	719.4	721.5	725.6	729.8	733.9	738.1	739.3	740.6	741.8	743.1
125°	768.5	769.8	771.8	775.7	779.6	783.6	787.5	788.9	790.4	791.8	793.3
127.5°	817.7	819.2	820.7	823.8	826.9	830.0	833.1	835.2	837.3	839.4	841.5
130°	865.0	866.7	867.8	870.1	872.4	874.6	876.9	879.2	881.5	883.8	886.1
132.5°	909.2	910.5	911.6	913.9	916.2	918.4	920.7	922.6	924.4	926.3	928.2
135°	950.7	952.4	953.3	955.2	957.1	958.9	960.8	962.9	964.9	967.0	969.1
137.5°	988.5	989.7	990.7	992.8	994.9	996.9	999.0	1001.1	1003.1	1005.2	1007.3
140°	1025.3	1026.1	1027.2	1029.5	1031.8	1034.0	1036.3	1038.2	1040.0	1041.9	1043.8
142.5°	1058.0	1058.7	1060.0	1062.7	1065.4	1068.1	1070.8	1072.4	1074.1	1075.7	1077.4
145°	1086.7	1086.6	1088.4	1091.9	1095.4	1099.0	1102.5	1103.9	1105.4	1106.8	1108.3
147.5°	1115.8	1115.5	1117.3	1120.8	1124.3	1127.9	1131.4	1132.4	1133.4	1134.5	1135.5
150°	1142.3	1141.6	1143.3	1146.6	1149.9	1153.2	1156.5	1157.7	1159.0	1160.2	1161.5
152.5°	1166.6	1165.8	1167.4	1170.5	1173.6	1176.7	1179.8	1181.0	1182.3	1183.5	1184.8
155°	1190.0	1189.1	1190.3	1192.8	1195.3	1197.8	1200.3	1201.5	1202.8	1204.0	1205.3
157.5°	1210.4	1209.6	1210.5	1212.4	1214.3	1216.1	1218.0	1219.5	1220.9	1222.4	1223.9
160°	1228.9	1228.3	1228.9	1230.2	1231.4	1232.7	1233.9	1235.1	1236.4	1237.6	1238.9
162.5°	1243.8	1243.2	1243.7	1244.7	1245.8	1246.8	1247.8	1249.3	1250.7	1252.2	1253.7
165°	1256.8	1256.2	1256.5	1257.1	1257.8	1258.4	1259.0	1260.5	1261.9	1263.4	1264.9
167.5°	1267.1	1266.5	1266.8	1267.4	1268.1	1268.7	1269.3	1270.7	1272.2	1273.6	1275.1
170°	1275.5	1274.9	1275.1	1275.5	1275.9	1276.3	1276.7	1278.2	1279.6	1281.1	1282.6
172.5°	1281.1	1280.5	1280.7	1281.1	1281.5	1281.9	1282.3	1283.8	1285.2	1286.7	1288.2
175°	1284.9	1284.2	1284.4	1284.8	1285.3	1285.7	1286.1	1287.5	1289.0	1290.4	1291.9
177.5°	1286.8	1286.1	1286.2	1286.4	1286.6	1286.8	1287.0	1288.4	1289.9	1291.3	1292.8
180°	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9

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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°	23.3	23.5	23.9	24.4	24.8	25.2	24.8	24.4	23.9	23.5	23.3
92.5°	24.2	24.3	24.5	24.8	25.0	25.2	25.0	24.8	24.5	24.3	24.2
95°	41.0	40.9	40.7	40.5	40.3	40.1	40.3	40.5	40.7	40.9	41.0
97.5°	50.3	50.4	50.6	50.9	51.1	51.3	51.1	50.9	50.6	50.4	50.3
100°	60.6	60.8	61.2	61.6	62.0	62.4	62.0	61.6	61.2	60.8	60.6
102.5°	65.2	65.5	66.1	66.8	67.4	68.0	67.4	66.8	66.1	65.5	65.2
105°	67.1	67.5	68.3	69.2	70.0	70.8	70.0	69.2	68.3	67.5	67.1
107.5°	69.0	69.4	70.2	71.1	71.9	72.7	71.9	71.1	70.2	69.4	69.0
110°	69.9	70.3	71.1	72.0	72.8	73.6	72.8	72.0	71.1	70.3	69.9

TEST NUMBER: P1029282

CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	71.8	72.1	72.7	73.4	74.0	74.6	74.0	73.4	72.7	72.1	71.8
115°	143.5	136.0	121.1	106.2	91.3	76.4	91.3	106.2	121.1	136.0	143.5
117.5°	492.1	465.0	410.7	356.4	302.2	247.9	302.2	356.4	410.7	465.0	492.1
120°	694.3	680.3	652.4	624.4	596.5	568.5	596.5	624.4	652.4	680.3	694.3
122.5°	743.7	743.8	744.0	744.2	744.4	744.6	744.4	744.2	744.0	743.8	743.7
125°	794.0	794.3	794.9	795.6	796.2	796.8	796.2	795.6	794.9	794.3	794.0
127.5°	842.5	842.6	842.8	843.0	843.2	843.4	843.2	843.0	842.8	842.6	842.5
130°	887.2	887.1	886.9	886.7	886.5	886.3	886.5	886.7	886.9	887.1	887.2
132.5°	929.1	929.0	928.8	928.6	928.4	928.2	928.4	928.6	928.8	929.0	929.1
135°	970.1	969.9	969.5	969.1	968.7	968.3	968.7	969.1	969.5	969.9	970.1
137.5°	1008.3	1008.0	1007.4	1006.7	1006.1	1005.5	1006.1	1006.7	1007.4	1008.0	1008.3
140°	1044.7	1044.2	1043.1	1042.1	1041.0	1040.0	1041.0	1042.1	1043.1	1044.2	1044.7
142.5°	1078.2	1077.7	1076.7	1075.6	1074.6	1073.6	1074.6	1075.6	1076.7	1077.7	1078.2
145°	1109.0	1108.5	1107.4	1106.4	1105.3	1104.3	1105.3	1106.4	1107.4	1108.5	1109.0
147.5°	1136.0	1135.6	1134.8	1133.9	1133.1	1132.3	1133.1	1133.9	1134.8	1135.6	1136.0
150°	1162.1	1161.6	1160.6	1159.5	1158.5	1157.5	1158.5	1159.5	1160.6	1161.6	1162.1
152.5°	1185.4	1184.7	1183.2	1181.8	1180.3	1178.9	1180.3	1181.8	1183.2	1184.7	1185.4
155°	1205.9	1205.1	1203.4	1201.8	1200.1	1198.5	1200.1	1201.8	1203.4	1205.1	1205.9
157.5°	1224.6	1223.8	1222.1	1220.4	1218.8	1217.1	1218.8	1220.4	1222.1	1223.8	1224.6
160°	1239.5	1238.8	1237.3	1235.8	1234.4	1232.9	1234.4	1235.8	1237.3	1238.8	1239.5
162.5°	1254.4	1253.5	1251.6	1249.7	1247.9	1246.0	1247.9	1249.7	1251.6	1253.5	1254.4
165°	1265.6	1264.9	1263.4	1261.9	1260.5	1259.0	1260.5	1261.9	1263.4	1264.9	1265.6
167.5°	1275.8	1274.9	1273.0	1271.1	1269.3	1267.4	1269.3	1271.1	1273.0	1274.9	1275.8
170°	1283.3	1282.4	1280.5	1278.6	1276.8	1274.9	1276.8	1278.6	1280.5	1282.4	1283.3
172.5°	1288.9	1288.0	1286.1	1284.2	1282.4	1280.5	1282.4	1284.2	1286.1	1288.0	1288.9
175°	1292.6	1291.6	1289.5	1287.4	1285.4	1283.3	1285.4	1287.4	1289.5	1291.6	1292.6
177.5°	1293.5	1292.6	1290.7	1288.8	1287.0	1285.1	1287.0	1288.8	1290.7	1292.6	1293.5
180°	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9

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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°	22.8	21.7	20.7	19.6	18.6	17.0	15.3	13.7	12.0	11.2	10.1
92.5°	24.0	23.6	23.2	22.8	22.4	21.8	21.2	20.5	19.9	19.6	20.0
95°	40.5	39.4	38.4	37.3	36.3	34.9	33.4	32.0	30.5	29.8	33.2
97.5°	50.0	49.4	48.7	48.1	47.5	44.2	40.9	37.6	34.3	32.6	41.1
100°	59.8	58.1	56.4	54.8	53.1	49.6	46.1	42.6	39.1	37.3	51.5
102.5°	64.1	61.8	59.5	57.3	55.0	52.7	50.4	48.1	45.8	43.5	51.2
105°	66.0	63.7	61.4	59.1	56.8	54.5	52.2	49.9	47.6	45.3	53.0
107.5°	67.9	65.6	63.3	61.0	58.7	56.4	54.1	51.8	49.5	47.2	54.9
110°	80.3	101.0	121.7	142.4	163.1	222.9	282.8	342.6	402.5	432.4	430.2

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CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	116.4	205.7	294.9	384.2	473.4	476.9	480.5	484.0	487.5	489.3	487.4
115°	191.4	287.3	383.2	479.1	575.0	569.8	564.6	559.5	554.3	551.7	549.9
117.5°	506.9	536.5	566.1	595.7	625.3	621.8	618.3	614.8	611.3	609.5	607.4
120°	693.1	690.6	688.1	685.6	683.1	679.4	675.6	671.9	668.2	666.3	664.7
122.5°	743.1	741.8	740.6	739.3	738.1	733.9	729.8	725.6	721.5	719.4	717.7
125°	793.3	791.8	790.4	788.9	787.5	783.6	779.6	775.7	771.8	769.8	768.5
127.5°	841.5	839.4	837.3	835.2	833.1	830.0	826.9	823.8	820.7	819.2	817.7
130°	886.1	883.8	881.5	879.2	876.9	874.6	872.4	870.1	867.8	866.7	865.0
132.5°	928.2	926.3	924.4	922.6	920.7	918.4	916.2	913.9	911.6	910.5	909.2
135°	969.1	967.0	964.9	962.9	960.8	958.9	957.1	955.2	953.3	952.4	950.7
137.5°	1007.3	1005.2	1003.1	1001.1	999.0	996.9	994.9	992.8	990.7	989.7	988.5
140°	1043.8	1041.9	1040.0	1038.2	1036.3	1034.0	1031.8	1029.5	1027.2	1026.1	1025.3
142.5°	1077.4	1075.7	1074.1	1072.4	1070.8	1068.1	1065.4	1062.7	1060.0	1058.7	1058.0
145°	1108.3	1106.8	1105.4	1103.9	1102.5	1099.0	1095.4	1091.9	1088.4	1086.6	1086.7
147.5°	1135.5	1134.5	1133.4	1132.4	1131.4	1127.9	1124.3	1120.8	1117.3	1115.5	1115.8
150°	1161.5	1160.2	1159.0	1157.7	1156.5	1153.2	1149.9	1146.6	1143.3	1141.6	1142.3
152.5°	1184.8	1183.5	1182.3	1181.0	1179.8	1176.7	1173.6	1170.5	1167.4	1165.8	1166.6
155°	1205.3	1204.0	1202.8	1201.5	1200.3	1197.8	1195.3	1192.8	1190.3	1189.1	1190.0
157.5°	1223.9	1222.4	1220.9	1219.5	1218.0	1216.1	1214.3	1212.4	1210.5	1209.6	1210.4
160°	1238.9	1237.6	1236.4	1235.1	1233.9	1232.7	1231.4	1230.2	1228.9	1228.3	1228.9
162.5°	1253.7	1252.2	1250.7	1249.3	1247.8	1246.8	1245.8	1244.7	1243.7	1243.2	1243.8
165°	1264.9	1263.4	1261.9	1260.5	1259.0	1258.4	1257.8	1257.1	1256.5	1256.2	1256.8
167.5°	1275.1	1273.6	1272.2	1270.7	1269.3	1268.7	1268.1	1267.4	1266.8	1266.5	1267.1
170°	1282.6	1281.1	1279.6	1278.2	1276.7	1276.3	1275.9	1275.5	1275.1	1274.9	1275.5
172.5°	1288.2	1286.7	1285.2	1283.8	1282.3	1281.9	1281.5	1281.1	1280.7	1280.5	1281.1
175°	1291.9	1290.4	1289.0	1287.5	1286.1	1285.7	1285.3	1284.8	1284.4	1284.2	1284.9
177.5°	1292.8	1291.3	1289.9	1288.4	1287.0	1286.8	1286.6	1286.4	1286.2	1286.1	1286.8
180°	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9

TEST NUMBER: P1029282

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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°	7.8	5.5	3.2	0.9
92.5°	20.8	21.7	22.5	23.3
95°	40.1	46.9	53.8	60.6
97.5°	58.1	75.0	92.0	109.0
100°	79.9	108.2	136.6	165.0
102.5°	225.2	225.7	226.1	226.5
105°	302.0	295.7	289.5	283.3
107.5°	365.0	359.9	354.7	349.5
110°	425.9	421.5	417.2	412.8

TEST NUMBER: P1029282

CATALOG NUMBER: S122DIW-B1005D970UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	483.7	480.0	476.2	472.5
115°	546.4	542.9	539.4	535.9
117.5°	603.3	599.1	595.0	590.8
120°	661.6	658.5	655.4	652.3
122.5°	714.4	711.1	707.8	704.5
125°	765.8	763.1	760.4	757.7
127.5°	814.8	811.9	809.0	806.1
130°	861.7	858.4	855.1	851.8
132.5°	906.5	903.8	901.1	898.4
135°	947.4	944.1	940.8	937.5
137.5°	986.0	983.5	981.0	978.5
140°	1023.6	1021.9	1020.3	1018.6
142.5°	1056.5	1055.0	1053.6	1052.1
145°	1086.9	1087.2	1087.4	1087.6
147.5°	1116.4	1117.1	1117.7	1118.3
150°	1143.8	1145.2	1146.7	1148.1
152.5°	1168.3	1170.0	1171.6	1173.3
155°	1191.9	1193.8	1195.6	1197.5
157.5°	1212.1	1213.8	1215.4	1217.1
160°	1230.2	1231.4	1232.7	1233.9
162.5°	1245.1	1246.3	1247.6	1248.8
165°	1258.1	1259.3	1260.6	1261.8
167.5°	1268.4	1269.6	1270.9	1272.1
170°	1276.8	1278.0	1279.3	1280.5
172.5°	1282.4	1283.6	1284.9	1286.1
175°	1286.4	1287.8	1289.3	1290.7
177.5°	1288.3	1289.7	1291.2	1292.6
180°	1287.9	1287.9	1287.9	1287.9

(END OF REPORT)