

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: P1007922

Luminaire Tested: S122DIP-B1005D1080UB2750-4F0-XX-W2A-A_4000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1007922
REPORT IS A COMBINATION OF REPORTS P983530 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIP-B1005D1080UB2750-4F0-XX-W2A-A_4000K
Description: Define 2 Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

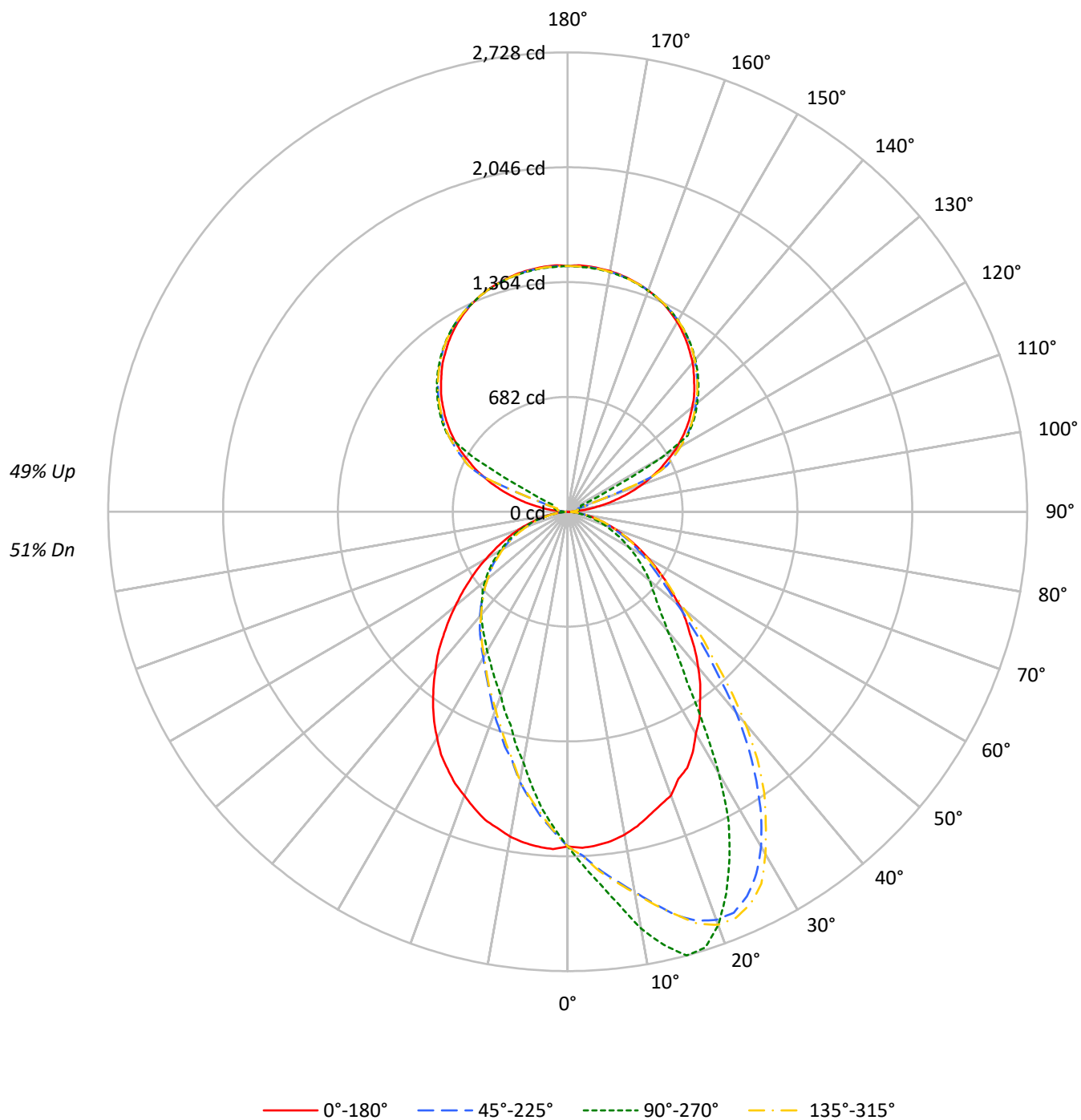
Lumens per Lamp: N/A
Luminaire Lumens: 8666.0 lumens
Efficiency: N/A
Efficacy: 90.0 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 96.3
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	50	30	10
RCR																				
0	107	107	107	107	99	99	99	99	84	84	84	70	70	70	57	57	57	51	51	51
1	98	94	91	87	91	87	84	81	74	72	70	62	60	59	51	50	49	44	44	44
2	90	83	77	72	83	77	72	67	65	62	59	55	52	50	45	44	42	37	37	37
3	82	73	66	61	76	68	62	57	58	54	50	49	46	43	41	38	36	32	32	32
4	76	65	58	52	70	61	54	49	52	47	43	44	40	37	37	34	32	28	28	28
5	70	58	50	45	64	54	47	42	47	41	37	40	36	33	33	30	28	25	25	25
6	64	53	45	39	59	49	42	37	42	37	33	36	32	29	30	27	25	22	22	22
7	60	48	40	34	55	44	38	33	39	33	29	33	29	26	28	25	22	20	20	20
8	55	43	36	31	51	41	34	29	35	30	26	30	26	23	26	22	20	18	18	18
9	52	40	32	27	48	37	31	26	32	27	23	28	24	21	24	21	18	16	16	16
10	48	36	29	25	45	34	28	24	30	25	21	26	22	19	22	19	17	15	15	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	31453	31453	31453	31453
5°	31529	33537	31650	26682
10°	31163	36611	31358	21997
15°	30407	38616	30830	18529
20°	29933	36257	29933	16106
25°	28978	31149	29111	14402
30°	27409	24486	27932	13045
35°	26018	16932	26453	11936
40°	24420	12783	24698	11051
45°	22449	10505	22816	10096
50°	20745	9220	20781	9242
55°	18802	7857	18924	8315
60°	16732	6563	16963	7257
65°	14877	5338	15148	6198
70°	13031	4187	13360	4999
75°	10936	3039	11361	3625
80°	8535	1926	9141	2151
85°	5608	969	6046	717

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 32514 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	189.3	2.2
10°-20°	550.9	6.4
20°-30°	799.5	9.2
30°-40°	842.8	9.7
40°-50°	745.8	8.6
50°-60°	595.5	6.9
60°-70°	404.5	4.7
70°-80°	207.0	2.4
80°-90°	51.5	0.6
90°-100°	48.2	0.6
100°-110°	179.4	2.1
110°-120°	475.9	5.5
120°-130°	789.3	9.1
130°-140°	838.4	9.7
140°-150°	779.2	9.0
150°-160°	626.5	7.2
160°-170°	403.7	4.7
170°-180°	138.9	1.6
0°-30°	1539.6	17.8
0°-40°	2382.4	27.5
0°-60°	3723.7	43.0
0°-90°	4386.6	50.6
90°-120°	703.5	8.1
90°-150°	3110.4	35.9
90°-180°	4279.0	49.4
0°-180°	8666.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1987	1987	1987	1987	1987	
5°	1989	2219	1996	1766	1989	189
15°	1868	2728	1894	1309	1868	528
25°	1678	2273	1686	1051	1678	767
35°	1370	1237	1393	872	1370	857
45°	1028	745	1045	716	1028	797
55°	706	524	710	554	706	630
65°	418	322	426	374	418	416
75°	196	159	203	189	196	210
85°	40	41	43	30	40	46
90°	1	28	1	28	1	6
95°	69	45	69	45	69	81
105°	321	80	321	80	321	343
115°	607	87	607	87	607	598
125°	859	903	859	903	859	766
135°	1063	1097	1063	1097	1063	821
145°	1233	1252	1233	1252	1233	771
155°	1357	1358	1357	1358	1357	625
165°	1430	1427	1430	1427	1430	404
175°	1463	1454	1463	1454	1463	139
180°	1460	1460	1460	1460	1460	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0
2.5°	1997.7	2002.3	2009.9	2011.5	2026.7	2039.0	2052.7	2052.7	2057.3	2055.8	2043.5
5°	1988.6	2002.3	2022.2	2039.0	2066.5	2078.7	2097.0	2110.7	2123.0	2132.1	2130.6
7.5°	1973.3	1997.7	2026.7	2058.8	2095.5	2116.9	2142.8	2167.3	2184.1	2199.3	2210.0
10°	1947.3	1988.6	2028.3	2071.0	2118.4	2147.4	2177.9	2210.0	2236.0	2265.0	2292.5
12.5°	1912.2	1971.8	2020.6	2077.1	2135.2	2167.3	2216.1	2240.6	2291.0	2364.3	2384.1
15°	1867.9	1948.9	1994.7	2066.5	2142.8	2168.8	2236.0	2275.7	2379.6	2425.4	2480.4
17.5°	1826.7	1916.8	1977.9	2060.3	2135.2	2185.6	2251.3	2332.2	2419.3	2484.9	2546.0
20°	1793.1	1880.1	1953.4	2045.1	2139.8	2203.9	2272.6	2370.4	2465.1	2532.3	2579.6
22.5°	1716.7	1828.2	1913.7	2016.1	2130.6	2219.2	2284.9	2391.8	2494.1	2535.3	2576.6
25°	1678.5	1774.7	1874.0	1990.1	2124.5	2229.9	2286.4	2405.5	2495.6	2510.9	2520.1
27.5°	1608.3	1716.7	1832.8	1965.7	2123.0	2211.5	2283.3	2391.8	2463.6	2452.9	2425.4
30°	1521.2	1654.1	1782.4	1925.9	2101.6	2197.8	2265.0	2364.3	2400.9	2346.0	2297.1
32.5°	1457.1	1582.3	1724.3	1890.8	2077.1	2168.8	2234.5	2312.4	2320.0	2220.7	2138.2
35°	1370.0	1509.0	1669.4	1845.0	2035.9	2118.4	2179.5	2226.8	2190.2	2051.2	1953.4
37.5°	1292.1	1429.6	1600.6	1779.3	1979.4	2060.3	2109.2	2116.9	2026.7	1904.6	1761.0
40°	1206.6	1348.6	1527.3	1715.2	1916.8	1987.0	2017.6	1994.7	1864.8	1722.8	1556.3
42.5°	1121.0	1261.6	1454.0	1646.4	1837.4	1896.9	1909.1	1846.5	1687.7	1521.2	1328.8
45°	1027.9	1174.5	1366.9	1560.9	1745.7	1779.3	1780.8	1690.7	1502.9	1328.8	1150.1
47.5°	951.5	1087.4	1278.4	1472.3	1628.1	1651.0	1641.9	1538.0	1333.3	1137.8	982.1
50°	867.5	997.3	1186.7	1377.6	1510.5	1516.6	1493.7	1345.6	1145.5	966.8	843.1
52.5°	777.4	908.8	1082.9	1266.1	1385.3	1376.1	1331.8	1173.0	985.1	837.0	742.3
55°	705.6	821.7	985.1	1163.8	1247.8	1221.8	1173.0	1011.1	862.9	737.7	655.2
57.5°	626.2	728.5	888.9	1044.7	1093.6	1069.1	1020.2	869.0	731.6	636.9	581.9
60°	551.4	644.5	785.0	914.9	953.0	927.1	870.6	734.6	635.4	555.9	514.7
62.5°	482.6	563.6	681.2	800.3	815.6	789.6	740.7	630.8	545.3	482.6	452.1
65°	418.5	494.8	589.5	679.7	693.4	665.9	615.5	536.1	464.3	424.6	395.6
67.5°	355.9	417.0	501.0	566.6	574.3	548.3	507.1	442.9	398.6	355.9	334.5
70°	300.9	346.7	412.4	465.8	468.9	444.4	423.1	365.0	331.4	300.9	284.1
72.5°	247.4	279.5	329.9	369.6	371.1	355.9	336.0	299.4	270.3	249.0	232.2
75°	195.5	223.0	253.5	288.7	287.1	274.9	259.6	236.7	212.3	198.6	190.9
77.5°	149.7	166.5	190.9	213.8	213.8	207.7	198.6	181.8	166.5	152.7	145.1
80°	106.9	117.6	137.5	145.1	148.1	146.6	139.0	126.8	120.7	110.0	106.9
82.5°	68.7	76.4	85.5	93.2	97.7	94.7	93.2	87.1	77.9	74.8	71.8
85°	39.7	42.8	47.3	51.9	53.5	51.9	55.0	50.4	45.8	45.8	44.3
87.5°	16.8	18.3	21.4	21.4	22.9	22.9	21.4	22.9	22.9	21.4	19.9
90°	1.1	3.7	6.3	8.8	11.4	12.7	13.6	15.5	17.4	19.2	21.1
92.5°	26.4	25.5	24.5	23.6	22.7	22.2	22.5	23.2	23.9	24.6	25.3
95°	68.7	60.9	53.2	45.4	37.7	33.8	34.6	36.3	37.9	39.6	41.2
97.5°	123.6	104.4	85.1	65.9	46.6	37.0	38.9	42.6	46.4	50.1	53.9
100°	187.0	154.8	122.6	90.5	58.3	42.2	44.2	48.2	52.2	56.2	60.2
102.5°	256.7	256.2	255.8	255.3	254.8	254.6	233.2	190.5	147.8	105.0	62.3
105°	321.1	328.1	335.2	342.2	349.3	352.8	320.8	256.7	192.6	128.5	64.4
107.5°	396.1	402.0	407.8	413.7	419.6	422.5	382.9	303.8	224.7	145.6	66.5
110°	467.9	472.8	477.8	482.7	487.6	490.1	456.2	388.3	320.5	252.6	184.8

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	535.5	539.7	543.9	548.2	552.4	554.5	552.5	548.5	544.6	540.6	536.6
115°	607.3	611.3	615.3	619.3	623.3	625.3	628.2	634.1	640.0	645.8	651.7
117.5°	669.7	674.4	679.1	683.8	688.5	690.8	692.8	696.8	700.7	704.7	708.7
120°	739.4	742.9	746.4	749.9	753.4	755.2	757.3	761.5	765.8	770.0	774.2
122.5°	798.5	802.3	806.0	809.8	813.5	815.4	817.7	822.4	827.1	831.8	836.5
125°	858.7	861.8	864.8	867.9	871.0	872.5	874.7	879.2	883.6	888.1	892.5
127.5°	913.7	917.0	920.2	923.5	926.8	928.4	930.2	933.7	937.2	940.8	944.3
130°	965.4	969.2	972.9	976.7	980.4	982.3	983.6	986.2	988.7	991.3	993.9
132.5°	1018.2	1021.3	1024.3	1027.4	1030.5	1032.0	1033.3	1035.9	1038.4	1041.0	1043.6
135°	1062.6	1066.4	1070.1	1073.9	1077.6	1079.5	1080.6	1082.7	1084.8	1086.9	1089.0
137.5°	1109.1	1111.9	1114.7	1117.5	1120.3	1121.7	1122.9	1125.2	1127.6	1129.9	1132.3
140°	1154.5	1156.4	1158.2	1160.1	1162.0	1162.9	1164.2	1166.8	1169.3	1171.9	1174.5
142.5°	1192.5	1194.1	1195.8	1197.4	1199.1	1199.9	1201.4	1204.5	1207.5	1210.6	1213.6
145°	1232.6	1232.4	1232.2	1231.9	1231.7	1231.6	1233.6	1237.6	1241.5	1245.5	1249.5
147.5°	1267.5	1266.8	1266.1	1265.4	1264.7	1264.3	1266.3	1270.3	1274.3	1278.3	1282.3
150°	1301.3	1299.7	1298.0	1296.4	1294.7	1293.9	1295.8	1299.5	1303.3	1307.0	1310.8
152.5°	1329.8	1327.9	1326.1	1324.2	1322.3	1321.4	1323.2	1326.7	1330.2	1333.7	1337.2
155°	1357.3	1355.2	1353.1	1351.0	1348.9	1347.8	1349.2	1352.0	1354.8	1357.6	1360.4
157.5°	1379.5	1377.6	1375.7	1373.8	1371.9	1371.0	1372.1	1374.2	1376.3	1378.4	1380.5
160°	1398.5	1397.1	1395.7	1394.2	1392.8	1392.1	1392.8	1394.2	1395.7	1397.1	1398.5
162.5°	1415.4	1414.0	1412.6	1411.1	1409.7	1409.0	1409.6	1410.8	1411.9	1413.1	1414.3
165°	1430.2	1428.8	1427.4	1425.9	1424.5	1423.8	1424.2	1424.9	1425.6	1426.3	1427.0
167.5°	1441.8	1440.4	1439.0	1437.5	1436.1	1435.4	1435.8	1436.5	1437.2	1437.9	1438.6
170°	1451.3	1449.9	1448.5	1447.0	1445.6	1444.9	1445.1	1445.6	1446.1	1446.6	1447.1
172.5°	1457.6	1456.2	1454.8	1453.4	1452.0	1451.3	1451.5	1452.0	1452.5	1452.9	1453.4
175°	1462.9	1461.3	1459.6	1458.0	1456.3	1455.5	1455.7	1456.2	1456.7	1457.1	1457.6
177.5°	1465.0	1463.4	1461.7	1460.1	1458.4	1457.6	1457.7	1458.0	1458.2	1458.5	1458.7
180°	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0
2.5°	2064.9	2066.5	2069.5	2084.8	2092.4	2093.9	2087.8	2101.6	2106.2	2101.6	2098.5
5°	2162.7	2171.8	2190.2	2210.0	2208.5	2210.0	2219.2	2228.3	2231.4	2219.2	2223.8
7.5°	2248.2	2266.5	2286.4	2316.9	2316.9	2332.2	2338.3	2346.0	2364.3	2355.1	2352.1
10°	2346.0	2370.4	2407.0	2455.9	2457.4	2472.7	2488.0	2512.4	2520.1	2514.0	2517.0
12.5°	2468.1	2515.5	2518.5	2572.0	2596.4	2599.5	2623.9	2619.3	2634.6	2634.6	2660.6
15°	2521.6	2594.9	2636.1	2688.1	2703.3	2685.0	2704.9	2726.3	2727.8	2727.8	2726.3
17.5°	2617.8	2646.8	2688.1	2715.6	2721.7	2721.7	2723.2	2732.4	2726.3	2714.0	2723.2
20°	2637.7	2649.9	2665.2	2662.1	2665.2	2649.9	2634.6	2619.3	2620.9	2613.2	2636.1
22.5°	2601.0	2598.0	2562.8	2539.9	2539.9	2509.4	2480.4	2466.6	2452.9	2457.4	2465.1
25°	2509.4	2462.0	2419.3	2385.7	2378.0	2329.2	2289.4	2277.2	2254.3	2272.6	2275.7
27.5°	2362.8	2309.3	2240.6	2211.5	2171.8	2152.0	2124.5	2087.8	2040.5	2068.0	2063.4
30°	2205.4	2126.0	2069.5	1999.3	1936.6	1932.0	1880.1	1819.0	1794.6	1794.6	1808.3
32.5°	2029.8	1924.4	1841.9	1742.7	1681.6	1655.6	1593.0	1531.9	1545.6	1499.8	1516.6
35°	1825.1	1686.2	1582.3	1486.1	1440.3	1409.7	1328.8	1295.2	1258.5	1237.1	1276.8
37.5°	1629.6	1469.3	1336.4	1231.0	1214.2	1159.2	1104.2	1082.9	1061.5	1070.6	1069.1
40°	1391.4	1249.3	1130.2	1047.7	1018.7	992.8	956.1	930.1	916.4	924.0	925.6
42.5°	1176.0	1056.9	968.3	910.3	885.8	867.5	849.2	827.8	823.2	823.2	829.3
45°	1009.6	911.8	852.2	804.9	791.1	777.4	763.7	754.5	751.4	745.3	749.9
47.5°	876.7	798.8	762.1	727.0	711.7	708.7	696.5	691.9	685.8	684.2	685.8
50°	765.2	716.3	682.7	662.9	652.2	647.6	641.5	632.3	629.3	636.9	633.8
52.5°	687.3	641.5	623.1	603.3	597.2	591.1	581.9	583.4	581.9	578.9	578.9
55°	609.4	580.4	562.1	546.8	545.3	539.1	531.5	528.4	526.9	523.9	528.4
57.5°	546.8	523.9	507.1	493.3	487.2	487.2	479.6	473.5	473.5	471.9	473.5
60°	484.2	461.2	450.6	436.8	432.2	430.7	426.1	423.1	418.5	418.5	418.5
62.5°	426.1	407.8	395.6	383.4	384.9	377.2	371.1	368.1	368.1	369.6	369.6
65°	371.1	358.9	343.6	333.0	329.9	328.4	325.3	323.8	319.2	322.3	322.3
67.5°	320.7	303.9	294.8	290.2	285.6	284.1	281.0	278.0	276.4	274.9	278.0
70°	270.3	256.6	249.0	245.9	241.3	239.8	238.3	233.7	235.2	236.7	238.3
72.5°	224.5	212.3	210.8	201.6	201.6	201.6	195.5	198.6	197.0	194.0	197.0
75°	177.2	171.1	168.0	163.4	164.9	163.4	161.9	157.3	157.3	158.8	160.4
77.5°	140.5	134.4	132.9	128.3	125.2	128.3	125.2	123.7	123.7	125.2	125.2
80°	103.9	100.8	96.2	96.2	96.2	94.7	94.7	94.7	93.2	91.6	93.2
82.5°	68.7	68.7	67.2	65.7	67.2	64.1	65.7	65.7	65.7	65.7	65.7
85°	44.3	42.8	42.8	41.2	41.2	41.2	42.8	39.7	39.7	41.2	41.2
87.5°	19.9	19.9	19.9	21.4	19.9	19.9	19.9	21.4	19.9	19.9	19.9
90°	22.3	23.5	24.6	25.8	26.4	26.6	27.1	27.6	28.0	28.5	28.0
92.5°	25.8	26.3	26.8	27.3	27.5	27.6	27.8	28.1	28.3	28.5	28.3
95°	42.4	43.6	44.7	45.9	46.5	46.4	46.1	45.9	45.6	45.4	45.6
97.5°	54.6	55.3	56.0	56.7	57.0	57.1	57.4	57.6	57.9	58.1	57.9
100°	62.1	64.0	65.9	67.8	68.7	68.9	69.4	69.9	70.3	70.8	70.3
102.5°	64.9	67.5	70.0	72.6	73.9	74.3	75.0	75.7	76.4	77.1	76.4
105°	67.0	69.6	72.1	74.7	76.0	76.5	77.4	78.4	79.3	80.3	79.3
107.5°	69.1	71.7	74.3	76.9	78.2	78.7	79.6	80.5	81.5	82.4	81.5
110°	161.3	137.9	114.4	90.9	79.2	79.7	80.6	81.5	82.5	83.4	82.5

TEST NUMBER: P1007922

CATALOG NUMBER: S122DIP-B1005D1080UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	435.4	334.2	233.1	131.9	81.3	81.7	82.4	83.1	83.8	84.5	83.8
115°	543.0	434.4	325.7	217.0	162.7	154.2	137.3	120.4	103.5	86.6	103.5
117.5°	675.1	641.6	608.0	574.5	557.7	527.0	465.5	404.0	342.5	281.0	342.5
120°	777.0	779.8	782.7	785.5	786.9	771.1	739.4	707.7	676.0	644.3	676.0
122.5°	837.9	839.3	840.8	842.2	842.9	843.0	843.2	843.5	843.7	843.9	843.7
125°	894.1	895.8	897.4	899.1	899.9	900.3	901.0	901.7	902.4	903.1	902.4
127.5°	946.6	949.0	951.3	953.6	954.8	954.9	955.2	955.4	955.7	955.9	955.7
130°	996.5	999.1	1001.6	1004.2	1005.5	1005.4	1005.2	1004.9	1004.7	1004.5	1004.7
132.5°	1045.7	1047.8	1049.9	1052.0	1053.1	1053.0	1052.7	1052.5	1052.2	1052.0	1052.2
135°	1091.4	1093.7	1096.1	1098.4	1099.6	1099.4	1098.9	1098.4	1097.9	1097.4	1097.9
137.5°	1134.7	1137.0	1139.4	1141.7	1142.9	1142.5	1141.8	1141.1	1140.4	1139.7	1140.4
140°	1176.6	1178.8	1180.9	1183.0	1184.1	1183.5	1182.3	1181.2	1180.0	1178.8	1180.0
142.5°	1215.5	1217.4	1219.3	1221.2	1222.1	1221.5	1220.3	1219.2	1218.0	1216.8	1218.0
145°	1251.1	1252.8	1254.4	1256.1	1256.9	1256.3	1255.2	1254.0	1252.9	1251.7	1252.9
147.5°	1283.5	1284.7	1285.8	1287.0	1287.6	1287.1	1286.2	1285.2	1284.3	1283.3	1284.3
150°	1312.2	1313.6	1315.0	1316.4	1317.1	1316.5	1315.4	1314.2	1313.1	1311.9	1313.1
152.5°	1338.6	1340.0	1341.4	1342.8	1343.5	1342.7	1341.1	1339.4	1337.8	1336.2	1337.8
155°	1361.8	1363.2	1364.7	1366.1	1366.8	1365.9	1364.0	1362.1	1360.2	1358.3	1360.2
157.5°	1382.1	1383.8	1385.4	1387.1	1387.9	1387.0	1385.1	1383.2	1381.4	1379.5	1381.4
160°	1399.9	1401.3	1402.7	1404.1	1404.8	1404.0	1402.3	1400.7	1399.0	1397.4	1399.0
162.5°	1415.9	1417.6	1419.2	1420.9	1421.7	1420.6	1418.5	1416.4	1414.3	1412.2	1414.3
165°	1428.6	1430.3	1431.9	1433.6	1434.4	1433.6	1431.9	1430.3	1428.6	1427.0	1428.6
167.5°	1440.2	1441.9	1443.5	1445.2	1446.0	1444.9	1442.8	1440.7	1438.6	1436.5	1438.6
170°	1448.7	1450.4	1452.0	1453.7	1454.5	1453.4	1451.3	1449.2	1447.0	1444.9	1447.0
172.5°	1455.0	1456.7	1458.3	1460.0	1460.8	1459.7	1457.6	1455.5	1453.4	1451.3	1453.4
175°	1459.2	1460.9	1462.5	1464.2	1465.0	1463.8	1461.5	1459.2	1456.8	1454.5	1456.8
177.5°	1460.3	1462.0	1463.6	1465.3	1466.1	1465.0	1462.9	1460.8	1458.7	1456.6	1458.7
180°	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0
2.5°	2106.2	2095.5	2086.3	2087.8	2095.5	2089.4	2074.1	2054.2	2046.6	2037.4	2046.6
5°	2232.9	2223.8	2205.4	2207.0	2202.4	2196.3	2171.8	2141.3	2141.3	2116.9	2113.8
7.5°	2358.2	2344.4	2332.2	2329.2	2312.4	2300.1	2278.7	2236.0	2219.2	2190.2	2173.4
10°	2498.7	2488.0	2474.2	2457.4	2448.3	2426.9	2391.8	2329.2	2298.6	2258.9	2229.9
12.5°	2640.7	2639.2	2608.6	2575.0	2573.5	2539.9	2515.5	2431.5	2390.2	2336.8	2268.1
15°	2730.8	2723.2	2706.4	2689.6	2694.2	2657.5	2602.5	2503.3	2475.8	2411.6	2338.3
17.5°	2729.3	2729.3	2724.7	2721.7	2717.1	2706.4	2675.9	2610.2	2565.9	2484.9	2416.2
20°	2642.2	2662.1	2666.7	2665.2	2680.4	2688.1	2686.5	2645.3	2610.2	2538.4	2468.1
22.5°	2468.1	2514.0	2533.8	2546.0	2578.1	2594.9	2634.6	2619.3	2610.2	2556.7	2497.2
25°	2306.2	2321.5	2381.1	2384.1	2428.4	2469.7	2509.4	2535.3	2568.9	2549.1	2498.7
27.5°	2097.0	2132.1	2174.9	2207.0	2216.1	2300.1	2365.8	2414.7	2491.0	2497.2	2480.4
30°	1860.3	1877.1	1947.3	1990.1	2039.0	2100.1	2194.7	2278.7	2347.5	2410.1	2431.5
32.5°	1571.6	1640.3	1681.6	1733.5	1776.3	1884.7	2000.8	2109.2	2188.6	2294.0	2339.8
35°	1307.4	1360.8	1431.1	1452.5	1530.4	1622.0	1773.2	1912.2	2032.9	2139.8	2232.9
37.5°	1089.0	1131.7	1206.6	1240.2	1286.0	1403.6	1530.4	1703.0	1848.0	1979.4	2095.5
40°	939.3	971.4	1027.9	1038.6	1076.8	1183.7	1286.0	1447.9	1640.3	1817.5	1944.3
42.5°	837.0	852.2	890.4	904.2	928.6	1000.4	1092.0	1244.8	1423.5	1606.7	1785.4
45°	763.7	774.3	797.3	809.5	840.0	872.1	946.9	1069.1	1209.6	1394.4	1586.9
47.5°	698.0	711.7	720.9	728.5	745.3	780.5	829.3	919.4	1053.8	1223.4	1409.7
50°	643.0	647.6	664.4	665.9	676.6	699.5	745.3	800.3	907.2	1044.7	1224.9
52.5°	588.0	592.6	603.3	614.0	618.6	636.9	667.4	713.3	792.7	901.1	1061.5
55°	533.0	539.1	549.8	557.5	562.1	577.3	595.7	639.9	702.6	778.9	910.3
57.5°	478.0	491.8	494.8	499.4	507.1	523.9	540.7	566.6	615.5	685.8	782.0
60°	426.1	430.7	441.4	446.0	453.6	462.8	484.2	504.0	539.1	594.1	681.2
62.5°	372.7	383.4	387.9	392.5	398.6	409.3	423.1	444.4	475.0	519.3	588.0
65°	326.8	328.4	337.5	343.6	349.8	357.4	371.1	391.0	409.3	450.6	501.0
67.5°	282.6	285.6	288.7	294.8	302.4	310.0	322.3	333.0	355.9	383.4	423.1
70°	239.8	239.8	247.4	252.0	250.5	259.6	268.8	281.0	297.8	323.8	355.9
72.5°	201.6	200.1	206.2	207.7	210.8	216.9	223.0	235.2	244.4	264.2	288.7
75°	160.4	163.4	166.5	166.5	171.1	175.6	181.8	187.9	198.6	210.8	229.1
77.5°	126.8	126.8	129.8	131.3	135.9	134.4	140.5	146.6	154.3	164.9	178.7
80°	93.2	96.2	96.2	96.2	97.7	99.3	105.4	110.0	114.5	122.2	128.3
82.5°	65.7	65.7	68.7	68.7	68.7	71.8	71.8	73.3	76.4	80.9	85.5
85°	41.2	41.2	41.2	42.8	41.2	42.8	45.8	44.3	45.8	48.9	48.9
87.5°	19.9	19.9	19.9	19.9	19.9	21.4	19.9	21.4	22.9	22.9	22.9
90°	27.6	27.1	26.6	26.4	25.8	24.6	23.5	22.3	21.1	19.2	17.4
92.5°	28.1	27.8	27.6	27.5	27.3	26.8	26.3	25.8	25.3	24.6	23.9
95°	45.9	46.1	46.4	46.5	45.9	44.7	43.6	42.4	41.2	39.6	37.9
97.5°	57.6	57.4	57.1	57.0	56.7	56.0	55.3	54.6	53.9	50.1	46.4
100°	69.9	69.4	68.9	68.7	67.8	65.9	64.0	62.1	60.2	56.2	52.2
102.5°	75.7	75.0	74.3	73.9	72.6	70.0	67.5	64.9	62.3	105.0	147.8
105°	78.4	77.4	76.5	76.0	74.7	72.1	69.6	67.0	64.4	128.5	192.6
107.5°	80.5	79.6	78.7	78.2	76.9	74.3	71.7	69.1	66.5	145.6	224.7
110°	81.5	80.6	79.7	79.2	90.9	114.4	137.9	161.3	184.8	252.6	320.5

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	83.1	82.4	81.7	81.3	131.9	233.1	334.2	435.4	536.6	540.6	544.6
115°	120.4	137.3	154.2	162.7	217.0	325.7	434.4	543.0	651.7	645.8	640.0
117.5°	404.0	465.5	527.0	557.7	574.5	608.0	641.6	675.1	708.7	704.7	700.7
120°	707.7	739.4	771.1	786.9	785.5	782.7	779.8	777.0	774.2	770.0	765.8
122.5°	843.5	843.2	843.0	842.9	842.2	840.8	839.3	837.9	836.5	831.8	827.1
125°	901.7	901.0	900.3	899.9	899.1	897.4	895.8	894.1	892.5	888.1	883.6
127.5°	955.4	955.2	954.9	954.8	953.6	951.3	949.0	946.6	944.3	940.8	937.2
130°	1004.9	1005.2	1005.4	1005.5	1004.2	1001.6	999.1	996.5	993.9	991.3	988.7
132.5°	1052.5	1052.7	1053.0	1053.1	1052.0	1049.9	1047.8	1045.7	1043.6	1041.0	1038.4
135°	1098.4	1098.9	1099.4	1099.6	1098.4	1096.1	1093.7	1091.4	1089.0	1086.9	1084.8
137.5°	1141.1	1141.8	1142.5	1142.9	1141.7	1139.4	1137.0	1134.7	1132.3	1129.9	1127.6
140°	1181.2	1182.3	1183.5	1184.1	1183.0	1180.9	1178.8	1176.6	1174.5	1171.9	1169.3
142.5°	1219.2	1220.3	1221.5	1222.1	1221.2	1219.3	1217.4	1215.5	1213.6	1210.6	1207.5
145°	1254.0	1255.2	1256.3	1256.9	1256.1	1254.4	1252.8	1251.1	1249.5	1245.5	1241.5
147.5°	1285.2	1286.2	1287.1	1287.6	1287.0	1285.8	1284.7	1283.5	1282.3	1278.3	1274.3
150°	1314.2	1315.4	1316.5	1317.1	1316.4	1315.0	1313.6	1312.2	1310.8	1307.0	1303.3
152.5°	1339.4	1341.1	1342.7	1343.5	1342.8	1341.4	1340.0	1338.6	1337.2	1333.7	1330.2
155°	1362.1	1364.0	1365.9	1366.8	1366.1	1364.7	1363.2	1361.8	1360.4	1357.6	1354.8
157.5°	1383.2	1385.1	1387.0	1387.9	1387.1	1385.4	1383.8	1382.1	1380.5	1378.4	1376.3
160°	1400.7	1402.3	1404.0	1404.8	1404.1	1402.7	1401.3	1399.9	1398.5	1397.1	1395.7
162.5°	1416.4	1418.5	1420.6	1421.7	1420.9	1419.2	1417.6	1415.9	1414.3	1413.1	1411.9
165°	1430.3	1431.9	1433.6	1434.4	1433.6	1431.9	1430.3	1428.6	1427.0	1426.3	1425.6
167.5°	1440.7	1442.8	1444.9	1446.0	1445.2	1443.5	1441.9	1440.2	1438.6	1437.9	1437.2
170°	1449.2	1451.3	1453.4	1454.5	1453.7	1452.0	1450.4	1448.7	1447.1	1446.6	1446.1
172.5°	1455.5	1457.6	1459.7	1460.8	1460.0	1458.3	1456.7	1455.0	1453.4	1452.9	1452.5
175°	1459.2	1461.5	1463.8	1465.0	1464.2	1462.5	1460.9	1459.2	1457.6	1457.1	1456.7
177.5°	1460.8	1462.9	1465.0	1466.1	1465.3	1463.6	1462.0	1460.3	1458.7	1458.5	1458.2
180°	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0
2.5°	2039.0	2031.3	2026.7	2029.8	2020.6	1997.7	1997.7	2005.4	1996.2	1987.0	1973.3
5°	2095.5	2080.2	2071.0	2069.5	2048.1	2011.5	2003.8	1996.2	1976.3	1955.0	1932.0
7.5°	2150.5	2123.0	2107.7	2097.0	2066.5	2019.1	1999.3	1982.5	1950.4	1918.3	1889.3
10°	2196.3	2156.6	2138.2	2121.4	2081.7	2022.2	1990.1	1959.5	1918.3	1877.1	1840.4
12.5°	2232.9	2187.1	2164.2	2139.8	2090.9	2013.0	1973.3	1924.4	1883.2	1828.2	1791.5
15°	2294.0	2199.3	2177.9	2155.0	2104.6	1997.7	1948.9	1893.9	1837.4	1764.0	1724.3
17.5°	2342.9	2216.1	2214.6	2165.7	2100.1	1991.6	1916.8	1845.0	1783.9	1710.6	1648.0
20°	2371.9	2242.1	2217.7	2167.3	2084.8	1950.4	1872.5	1793.1	1727.4	1638.8	1576.2
22.5°	2396.4	2278.7	2214.6	2153.5	2052.7	1936.6	1822.1	1747.2	1657.1	1560.9	1501.3
25°	2405.5	2286.4	2219.2	2148.9	2029.8	1896.9	1767.1	1686.2	1585.3	1498.3	1417.3
27.5°	2407.0	2284.9	2202.4	2129.1	1997.7	1845.0	1712.1	1626.6	1515.1	1414.3	1333.3
30°	2391.8	2268.1	2193.2	2113.8	1967.2	1797.6	1644.9	1550.2	1431.1	1330.3	1246.3
32.5°	2346.0	2234.5	2173.4	2086.3	1927.5	1732.0	1580.8	1475.4	1350.1	1250.9	1169.9
35°	2269.6	2193.2	2126.0	2045.1	1875.5	1670.9	1516.6	1392.9	1266.1	1171.4	1095.1
37.5°	2174.9	2133.7	2071.0	1991.6	1816.0	1615.9	1444.8	1307.4	1180.6	1089.0	1014.1
40°	2046.6	2057.3	1996.2	1924.4	1745.7	1541.1	1351.7	1220.3	1101.2	1015.7	942.4
42.5°	1907.6	1951.9	1916.8	1848.0	1667.8	1458.6	1282.9	1137.8	1021.8	933.2	872.1
45°	1757.9	1834.3	1812.9	1762.5	1586.9	1371.5	1185.2	1044.7	942.4	856.8	803.4
47.5°	1594.5	1703.0	1703.0	1666.3	1496.8	1284.5	1101.2	957.6	856.8	795.7	743.8
50°	1428.0	1550.2	1570.1	1545.6	1396.0	1185.2	998.9	869.0	782.0	722.4	684.2
52.5°	1253.9	1396.0	1432.6	1420.4	1289.1	1090.5	914.9	788.1	708.7	656.7	623.1
55°	1087.4	1252.4	1292.1	1296.7	1174.5	986.6	821.7	710.2	633.8	598.7	569.7
57.5°	930.1	1089.0	1133.3	1140.9	1058.4	892.0	734.6	636.9	568.2	539.1	516.2
60°	795.7	928.6	986.6	1003.4	931.7	782.0	653.7	559.0	507.1	479.6	458.2
62.5°	685.8	792.7	853.8	858.3	826.3	685.8	569.7	490.3	446.0	421.5	410.8
65°	578.9	675.1	711.7	730.1	704.1	594.1	491.8	426.1	391.0	369.6	358.9
67.5°	493.3	554.4	585.0	609.4	583.4	501.0	418.5	365.0	339.1	317.7	311.6
70°	404.7	455.1	478.0	502.5	479.6	417.0	357.4	308.5	285.6	268.8	261.2
72.5°	323.8	363.5	384.9	400.2	386.4	334.5	285.6	252.0	235.2	223.0	218.4
75°	256.6	284.1	296.3	307.0	300.9	261.2	230.6	203.1	187.9	177.2	174.1
77.5°	195.5	215.4	229.1	232.2	224.5	198.6	172.6	155.8	143.6	137.5	134.4
80°	139.0	151.2	158.8	163.4	155.8	145.1	126.8	114.5	103.9	96.2	94.7
82.5°	93.2	99.3	105.4	103.9	100.8	91.6	80.9	74.8	70.3	64.1	64.1
85°	53.5	55.0	58.0	59.6	58.0	51.9	45.8	42.8	39.7	35.1	35.1
87.5°	22.9	24.4	24.4	26.0	22.9	22.9	19.9	16.8	16.8	15.3	13.7
90°	15.5	13.6	12.7	11.4	8.8	6.3	3.7	1.1	3.7	6.3	8.8
92.5°	23.2	22.5	22.2	22.7	23.6	24.5	25.5	26.4	25.5	24.5	23.6
95°	36.3	34.6	33.8	37.7	45.4	53.2	60.9	68.7	60.9	53.2	45.4
97.5°	42.6	38.9	37.0	46.6	65.9	85.1	104.4	123.6	104.4	85.1	65.9
100°	48.2	44.2	42.2	58.3	90.5	122.6	154.8	187.0	154.8	122.6	90.5
102.5°	190.5	233.2	254.6	254.8	255.3	255.8	256.2	256.7	256.2	255.8	255.3
105°	256.7	320.8	352.8	349.3	342.2	335.2	328.1	321.1	328.1	335.2	342.2
107.5°	303.8	382.9	422.5	419.6	413.7	407.8	402.0	396.1	402.0	407.8	413.7
110°	388.3	456.2	490.1	487.6	482.7	477.8	472.8	467.9	472.8	477.8	482.7

TEST NUMBER: P1007922

CATALOG NUMBER: S122DIP-B1005D1080UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	548.5	552.5	554.5	552.4	548.2	543.9	539.7	535.5	539.7	543.9	548.2
115°	634.1	628.2	625.3	623.3	619.3	615.3	611.3	607.3	611.3	615.3	619.3
117.5°	696.8	692.8	690.8	688.5	683.8	679.1	674.4	669.7	674.4	679.1	683.8
120°	761.5	757.3	755.2	753.4	749.9	746.4	742.9	739.4	742.9	746.4	749.9
122.5°	822.4	817.7	815.4	813.5	809.8	806.0	802.3	798.5	802.3	806.0	809.8
125°	879.2	874.7	872.5	871.0	867.9	864.8	861.8	858.7	861.8	864.8	867.9
127.5°	933.7	930.2	928.4	926.8	923.5	920.2	917.0	913.7	917.0	920.2	923.5
130°	986.2	983.6	982.3	980.4	976.7	972.9	969.2	965.4	969.2	972.9	976.7
132.5°	1035.9	1033.3	1032.0	1030.5	1027.4	1024.3	1021.3	1018.2	1021.3	1024.3	1027.4
135°	1082.7	1080.6	1079.5	1077.6	1073.9	1070.1	1066.4	1062.6	1066.4	1070.1	1073.9
137.5°	1125.2	1122.9	1121.7	1120.3	1117.5	1114.7	1111.9	1109.1	1111.9	1114.7	1117.5
140°	1166.8	1164.2	1162.9	1162.0	1160.1	1158.2	1156.4	1154.5	1156.4	1158.2	1160.1
142.5°	1204.5	1201.4	1199.9	1199.1	1197.4	1195.8	1194.1	1192.5	1194.1	1195.8	1197.4
145°	1237.6	1233.6	1231.6	1231.7	1231.9	1232.2	1232.4	1232.6	1232.4	1232.2	1231.9
147.5°	1270.3	1266.3	1264.3	1264.7	1265.4	1266.1	1266.8	1267.5	1266.8	1266.1	1265.4
150°	1299.5	1295.8	1293.9	1294.7	1296.4	1298.0	1299.7	1301.3	1299.7	1298.0	1296.4
152.5°	1326.7	1323.2	1321.4	1322.3	1324.2	1326.1	1327.9	1329.8	1327.9	1326.1	1324.2
155°	1352.0	1349.2	1347.8	1348.9	1351.0	1353.1	1355.2	1357.3	1355.2	1353.1	1351.0
157.5°	1374.2	1372.1	1371.0	1371.9	1373.8	1375.7	1377.6	1379.5	1377.6	1375.7	1373.8
160°	1394.2	1392.8	1392.1	1392.8	1394.2	1395.7	1397.1	1398.5	1397.1	1395.7	1394.2
162.5°	1410.8	1409.6	1409.0	1409.7	1411.1	1412.6	1414.0	1415.4	1414.0	1412.6	1411.1
165°	1424.9	1424.2	1423.8	1424.5	1425.9	1427.4	1428.8	1430.2	1428.8	1427.4	1425.9
167.5°	1436.5	1435.8	1435.4	1436.1	1437.5	1439.0	1440.4	1441.8	1440.4	1439.0	1437.5
170°	1445.6	1445.1	1444.9	1445.6	1447.0	1448.5	1449.9	1451.3	1449.9	1448.5	1447.0
172.5°	1452.0	1451.5	1451.3	1452.0	1453.4	1454.8	1456.2	1457.6	1456.2	1454.8	1453.4
175°	1456.2	1455.7	1455.5	1456.3	1458.0	1459.6	1461.3	1462.9	1461.3	1459.6	1458.0
177.5°	1458.0	1457.7	1457.6	1458.4	1460.1	1461.7	1463.4	1465.0	1463.4	1461.7	1460.1
180°	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7

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CATALOG NUMBER: S122DIP-B1005D1080UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0
2.5°	1965.7	1973.3	1971.8	1956.5	1939.7	1925.9	1900.0	1903.0	1893.9	1895.4	1904.6
5°	1916.8	1916.8	1910.7	1889.3	1861.8	1846.5	1817.5	1809.9	1791.5	1790.0	1788.5
7.5°	1864.8	1857.2	1849.6	1819.0	1785.4	1761.0	1721.3	1712.1	1693.8	1681.6	1675.5
10°	1803.8	1793.1	1777.8	1742.7	1701.4	1670.9	1629.6	1617.4	1582.3	1567.0	1557.9
12.5°	1736.6	1730.4	1706.0	1677.0	1609.8	1576.2	1516.6	1528.8	1493.7	1463.2	1458.6
15°	1669.4	1646.4	1632.7	1585.3	1504.4	1489.1	1441.8	1417.3	1385.3	1360.8	1360.8
17.5°	1603.7	1568.5	1538.0	1487.6	1428.0	1385.3	1350.1	1337.9	1298.2	1273.8	1269.2
20°	1516.6	1476.9	1469.3	1397.5	1356.3	1308.9	1275.3	1244.8	1215.7	1205.0	1197.4
22.5°	1434.1	1388.3	1376.1	1315.0	1273.8	1226.4	1192.8	1171.4	1150.1	1142.4	1128.7
25°	1345.6	1318.1	1299.7	1234.1	1188.2	1144.0	1121.0	1105.8	1085.9	1084.4	1075.2
27.5°	1260.0	1234.1	1215.7	1153.1	1119.5	1078.3	1060.0	1043.2	1032.5	1027.9	1023.3
30°	1186.7	1157.7	1136.3	1090.5	1049.3	1015.7	1000.4	989.7	983.6	976.0	974.4
32.5°	1105.8	1089.0	1060.0	1024.8	992.8	960.7	951.5	943.9	934.7	931.7	930.1
35°	1037.0	1014.1	995.8	956.1	942.4	914.9	904.2	898.1	885.8	882.8	879.7
37.5°	969.8	948.5	928.6	904.2	878.2	862.9	856.8	847.7	841.5	843.1	840.0
40°	902.6	885.8	870.6	844.6	829.3	821.7	809.5	800.3	797.3	798.8	797.3
42.5°	837.0	821.7	812.5	792.7	777.4	769.8	762.1	753.0	757.5	757.5	762.1
45°	777.4	763.7	757.5	742.3	733.1	720.9	713.3	711.7	717.8	716.3	716.3
47.5°	716.3	711.7	704.1	690.3	678.1	670.5	669.0	669.0	675.1	678.1	676.6
50°	669.0	659.8	650.6	639.9	630.8	627.7	623.1	626.2	632.3	632.3	635.4
52.5°	609.4	603.3	600.2	591.1	585.0	585.0	585.0	586.5	591.1	595.7	594.1
55°	557.5	552.9	549.8	545.3	537.6	539.1	537.6	540.7	545.3	549.8	552.9
57.5°	502.5	501.0	497.9	490.3	490.3	488.7	493.3	494.8	502.5	505.5	510.1
60°	453.6	449.0	449.0	442.9	442.9	442.9	447.5	452.1	458.2	459.7	462.8
62.5°	401.7	401.7	400.2	395.6	395.6	400.2	401.7	407.8	410.8	410.8	415.4
65°	352.8	351.3	349.8	351.3	352.8	352.8	357.4	360.4	363.5	365.0	366.6
67.5°	303.9	302.4	305.5	303.9	307.0	313.1	311.6	316.2	320.7	320.7	322.3
70°	258.1	261.2	259.6	262.7	261.2	264.2	268.8	270.3	270.3	271.9	276.4
72.5°	215.4	215.4	215.4	213.8	215.4	218.4	221.5	223.0	226.0	227.6	232.2
75°	174.1	174.1	171.1	174.1	174.1	177.2	180.2	180.2	180.2	183.3	187.9
77.5°	131.3	132.9	131.3	134.4	134.4	135.9	139.0	137.5	140.5	142.0	143.6
80°	96.2	94.7	94.7	94.7	96.2	96.2	99.3	100.8	100.8	105.4	102.3
82.5°	61.1	62.6	61.1	62.6	62.6	64.1	62.6	64.1	65.7	68.7	67.2
85°	35.1	33.6	33.6	35.1	33.6	33.6	35.1	33.6	35.1	33.6	35.1
87.5°	13.7	12.2	12.2	12.2	12.2	10.7	10.7	9.2	9.2	9.2	7.6
90°	11.4	12.7	13.6	15.5	17.4	19.2	21.1	22.3	23.5	24.6	25.8
92.5°	22.7	22.2	22.5	23.2	23.9	24.6	25.3	25.8	26.3	26.8	27.3
95°	37.7	33.8	34.6	36.3	37.9	39.6	41.2	42.4	43.6	44.7	45.9
97.5°	46.6	37.0	38.9	42.6	46.4	50.1	53.9	54.6	55.3	56.0	56.7
100°	58.3	42.2	44.2	48.2	52.2	56.2	60.2	62.1	64.0	65.9	67.8
102.5°	254.8	254.6	233.2	190.5	147.8	105.0	62.3	64.9	67.5	70.0	72.6
105°	349.3	352.8	320.8	256.7	192.6	128.5	64.4	67.0	69.6	72.1	74.7
107.5°	419.6	422.5	382.9	303.8	224.7	145.6	66.5	69.1	71.7	74.3	76.9
110°	487.6	490.1	456.2	388.3	320.5	252.6	184.8	161.3	137.9	114.4	90.9

TEST NUMBER: P1007922

CATALOG NUMBER: S122DIP-B1005D1080UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	552.4	554.5	552.5	548.5	544.6	540.6	536.6	435.4	334.2	233.1	131.9
115°	623.3	625.3	628.2	634.1	640.0	645.8	651.7	543.0	434.4	325.7	217.0
117.5°	688.5	690.8	692.8	696.8	700.7	704.7	708.7	675.1	641.6	608.0	574.5
120°	753.4	755.2	757.3	761.5	765.8	770.0	774.2	777.0	779.8	782.7	785.5
122.5°	813.5	815.4	817.7	822.4	827.1	831.8	836.5	837.9	839.3	840.8	842.2
125°	871.0	872.5	874.7	879.2	883.6	888.1	892.5	894.1	895.8	897.4	899.1
127.5°	926.8	928.4	930.2	933.7	937.2	940.8	944.3	946.6	949.0	951.3	953.6
130°	980.4	982.3	983.6	986.2	988.7	991.3	993.9	996.5	999.1	1001.6	1004.2
132.5°	1030.5	1032.0	1033.3	1035.9	1038.4	1041.0	1043.6	1045.7	1047.8	1049.9	1052.0
135°	1077.6	1079.5	1080.6	1082.7	1084.8	1086.9	1089.0	1091.4	1093.7	1096.1	1098.4
137.5°	1120.3	1121.7	1122.9	1125.2	1127.6	1129.9	1132.3	1134.7	1137.0	1139.4	1141.7
140°	1162.0	1162.9	1164.2	1166.8	1169.3	1171.9	1174.5	1176.6	1178.8	1180.9	1183.0
142.5°	1199.1	1199.9	1201.4	1204.5	1207.5	1210.6	1213.6	1215.5	1217.4	1219.3	1221.2
145°	1231.7	1231.6	1233.6	1237.6	1241.5	1245.5	1249.5	1251.1	1252.8	1254.4	1256.1
147.5°	1264.7	1264.3	1266.3	1270.3	1274.3	1278.3	1282.3	1283.5	1284.7	1285.8	1287.0
150°	1294.7	1293.9	1295.8	1299.5	1303.3	1307.0	1310.8	1312.2	1313.6	1315.0	1316.4
152.5°	1322.3	1321.4	1323.2	1326.7	1330.2	1333.7	1337.2	1338.6	1340.0	1341.4	1342.8
155°	1348.9	1347.8	1349.2	1352.0	1354.8	1357.6	1360.4	1361.8	1363.2	1364.7	1366.1
157.5°	1371.9	1371.0	1372.1	1374.2	1376.3	1378.4	1380.5	1382.1	1383.8	1385.4	1387.1
160°	1392.8	1392.1	1392.8	1394.2	1395.7	1397.1	1398.5	1399.9	1401.3	1402.7	1404.1
162.5°	1409.7	1409.0	1409.6	1410.8	1411.9	1413.1	1414.3	1415.9	1417.6	1419.2	1420.9
165°	1424.5	1423.8	1424.2	1424.9	1425.6	1426.3	1427.0	1428.6	1430.3	1431.9	1433.6
167.5°	1436.1	1435.4	1435.8	1436.5	1437.2	1437.9	1438.6	1440.2	1441.9	1443.5	1445.2
170°	1445.6	1444.9	1445.1	1445.6	1446.1	1446.6	1447.1	1448.7	1450.4	1452.0	1453.7
172.5°	1452.0	1451.3	1451.5	1452.0	1452.5	1452.9	1453.4	1455.0	1456.7	1458.3	1460.0
175°	1456.3	1455.5	1455.7	1456.2	1456.7	1457.1	1457.6	1459.2	1460.9	1462.5	1464.2
177.5°	1458.4	1457.6	1457.7	1458.0	1458.2	1458.5	1458.7	1460.3	1462.0	1463.6	1465.3
180°	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0
2.5°	1893.9	1898.4	1887.8	1884.7	1887.8	1877.1	1880.1	1883.2	1883.2	1887.8	1890.8
5°	1783.9	1777.8	1767.1	1764.0	1761.0	1765.6	1762.5	1767.1	1768.6	1779.3	1780.8
7.5°	1675.5	1666.3	1657.1	1648.0	1644.9	1637.3	1644.9	1644.9	1655.6	1652.6	1660.2
10°	1547.2	1545.6	1533.4	1528.8	1522.7	1510.5	1527.3	1522.7	1530.4	1544.1	1547.2
12.5°	1452.5	1435.7	1443.3	1421.9	1429.6	1417.3	1418.9	1418.9	1431.1	1432.6	1429.6
15°	1362.4	1348.6	1328.8	1319.6	1315.0	1308.9	1328.8	1330.3	1321.1	1342.5	1334.9
17.5°	1270.7	1270.7	1252.4	1247.8	1235.6	1241.7	1238.7	1240.2	1237.1	1252.4	1260.0
20°	1191.3	1183.7	1177.6	1179.1	1163.8	1160.8	1157.7	1160.8	1171.4	1182.1	1185.2
22.5°	1127.2	1122.6	1107.3	1110.4	1098.1	1102.7	1099.7	1107.3	1108.8	1108.8	1119.5
25°	1066.1	1060.0	1061.5	1055.4	1050.8	1050.8	1046.2	1050.8	1056.9	1060.0	1061.5
27.5°	1020.2	1015.7	1008.0	1003.4	1006.5	998.9	1005.0	1009.6	1009.6	1006.5	1009.6
30°	965.3	968.3	968.3	953.0	959.2	956.1	960.7	963.7	963.7	965.3	962.2
32.5°	928.6	919.4	917.9	916.4	916.4	910.3	910.3	914.9	916.4	917.9	922.5
35°	879.7	879.7	872.1	876.7	870.6	872.1	870.6	872.1	875.1	870.6	875.1
37.5°	835.4	837.0	833.9	837.0	838.5	835.4	832.4	838.5	835.4	835.4	832.4
40°	797.3	795.7	797.3	797.3	797.3	798.8	795.7	795.7	795.7	792.7	789.6
42.5°	765.2	756.0	759.1	760.6	756.0	756.0	757.5	756.0	760.6	751.4	751.4
45°	719.4	716.3	717.8	717.8	720.9	716.3	719.4	720.9	716.3	714.8	711.7
47.5°	678.1	681.2	678.1	681.2	681.2	684.2	678.1	679.7	681.2	675.1	670.5
50°	636.9	636.9	641.5	639.9	641.5	638.4	638.4	636.9	638.4	635.4	630.8
52.5°	598.7	594.1	601.8	600.2	598.7	597.2	595.7	597.2	594.1	591.1	591.1
55°	551.4	551.4	555.9	557.5	557.5	554.4	551.4	552.9	551.4	549.8	548.3
57.5°	513.2	507.1	510.1	511.6	511.6	507.1	510.1	507.1	507.1	508.6	504.0
60°	464.3	464.3	461.2	465.8	465.8	462.8	462.8	464.3	461.2	459.7	458.2
62.5°	412.4	413.9	418.5	420.0	421.5	418.5	415.4	417.0	417.0	412.4	413.9
65°	368.1	371.1	377.2	375.7	372.7	374.2	371.1	372.7	368.1	369.6	365.0
67.5°	325.3	323.8	325.3	325.3	328.4	326.8	323.8	323.8	322.3	326.8	322.3
70°	279.5	279.5	279.5	279.5	281.0	282.6	279.5	276.4	278.0	274.9	273.4
72.5°	232.2	233.7	232.2	235.2	230.6	233.7	233.7	232.2	230.6	230.6	230.6
75°	187.9	190.9	186.3	187.9	186.3	189.4	187.9	187.9	184.8	183.3	184.8
77.5°	143.6	145.1	142.0	143.6	142.0	143.6	143.6	142.0	142.0	142.0	142.0
80°	102.3	103.9	102.3	100.8	99.3	102.3	99.3	100.8	102.3	100.8	103.9
82.5°	65.7	65.7	64.1	65.7	62.6	62.6	64.1	64.1	62.6	65.7	62.6
85°	32.1	32.1	35.1	32.1	30.5	30.5	30.5	32.1	30.5	33.6	32.1
87.5°	7.6	6.1	7.6	7.6	6.1	6.1	7.6	6.1	7.6	9.2	6.1
90°	26.4	26.6	27.1	27.6	28.0	28.5	28.0	27.6	27.1	26.6	26.4
92.5°	27.5	27.6	27.8	28.1	28.3	28.5	28.3	28.1	27.8	27.6	27.5
95°	46.5	46.4	46.1	45.9	45.6	45.4	45.6	45.9	46.1	46.4	46.5
97.5°	57.0	57.1	57.4	57.6	57.9	58.1	57.9	57.6	57.4	57.1	57.0
100°	68.7	68.9	69.4	69.9	70.3	70.8	70.3	69.9	69.4	68.9	68.7
102.5°	73.9	74.3	75.0	75.7	76.4	77.1	76.4	75.7	75.0	74.3	73.9
105°	76.0	76.5	77.4	78.4	79.3	80.3	79.3	78.4	77.4	76.5	76.0
107.5°	78.2	78.7	79.6	80.5	81.5	82.4	81.5	80.5	79.6	78.7	78.2
110°	79.2	79.7	80.6	81.5	82.5	83.4	82.5	81.5	80.6	79.7	79.2

TEST NUMBER: P1007922

CATALOG NUMBER: S122DIP-B1005D1080UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	81.3	81.7	82.4	83.1	83.8	84.5	83.8	83.1	82.4	81.7	81.3
115°	162.7	154.2	137.3	120.4	103.5	86.6	103.5	120.4	137.3	154.2	162.7
117.5°	557.7	527.0	465.5	404.0	342.5	281.0	342.5	404.0	465.5	527.0	557.7
120°	786.9	771.1	739.4	707.7	676.0	644.3	676.0	707.7	739.4	771.1	786.9
122.5°	842.9	843.0	843.2	843.5	843.7	843.9	843.7	843.5	843.2	843.0	842.9
125°	899.9	900.3	901.0	901.7	902.4	903.1	902.4	901.7	901.0	900.3	899.9
127.5°	954.8	954.9	955.2	955.4	955.7	955.9	955.7	955.4	955.2	954.9	954.8
130°	1005.5	1005.4	1005.2	1004.9	1004.7	1004.5	1004.7	1004.9	1005.2	1005.4	1005.5
132.5°	1053.1	1053.0	1052.7	1052.5	1052.2	1052.0	1052.2	1052.5	1052.7	1053.0	1053.1
135°	1099.6	1099.4	1098.9	1098.4	1097.9	1097.4	1097.9	1098.4	1098.9	1099.4	1099.6
137.5°	1142.9	1142.5	1141.8	1141.1	1140.4	1139.7	1140.4	1141.1	1141.8	1142.5	1142.9
140°	1184.1	1183.5	1182.3	1181.2	1180.0	1178.8	1180.0	1181.2	1182.3	1183.5	1184.1
142.5°	1222.1	1221.5	1220.3	1219.2	1218.0	1216.8	1218.0	1219.2	1220.3	1221.5	1222.1
145°	1256.9	1256.3	1255.2	1254.0	1252.9	1251.7	1252.9	1254.0	1255.2	1256.3	1256.9
147.5°	1287.6	1287.1	1286.2	1285.2	1284.3	1283.3	1284.3	1285.2	1286.2	1287.1	1287.6
150°	1317.1	1316.5	1315.4	1314.2	1313.1	1311.9	1313.1	1314.2	1315.4	1316.5	1317.1
152.5°	1343.5	1342.7	1341.1	1339.4	1337.8	1336.2	1337.8	1339.4	1341.1	1342.7	1343.5
155°	1366.8	1365.9	1364.0	1362.1	1360.2	1358.3	1360.2	1362.1	1364.0	1365.9	1366.8
157.5°	1387.9	1387.0	1385.1	1383.2	1381.4	1379.5	1381.4	1383.2	1385.1	1387.0	1387.9
160°	1404.8	1404.0	1402.3	1400.7	1399.0	1397.4	1399.0	1400.7	1402.3	1404.0	1404.8
162.5°	1421.7	1420.6	1418.5	1416.4	1414.3	1412.2	1414.3	1416.4	1418.5	1420.6	1421.7
165°	1434.4	1433.6	1431.9	1430.3	1428.6	1427.0	1428.6	1430.3	1431.9	1433.6	1434.4
167.5°	1446.0	1444.9	1442.8	1440.7	1438.6	1436.5	1438.6	1440.7	1442.8	1444.9	1446.0
170°	1454.5	1453.4	1451.3	1449.2	1447.0	1444.9	1447.0	1449.2	1451.3	1453.4	1454.5
172.5°	1460.8	1459.7	1457.6	1455.5	1453.4	1451.3	1453.4	1455.5	1457.6	1459.7	1460.8
175°	1465.0	1463.8	1461.5	1459.2	1456.8	1454.5	1456.8	1459.2	1461.5	1463.8	1465.0
177.5°	1466.1	1465.0	1462.9	1460.8	1458.7	1456.6	1458.7	1460.8	1462.9	1465.0	1466.1
180°	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7

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CATALOG NUMBER: S122DIP-B1005D1080UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0	1987.0
2.5°	1886.2	1898.4	1893.9	1877.1	1896.9	1896.9	1910.7	1910.7	1927.5	1933.6	1942.7
5°	1779.3	1788.5	1796.1	1788.5	1802.2	1823.6	1835.8	1846.5	1869.4	1878.6	1892.3
7.5°	1664.8	1681.6	1689.2	1689.2	1712.1	1736.6	1761.0	1776.3	1808.3	1820.6	1834.3
10°	1553.3	1573.1	1588.4	1586.9	1625.1	1640.3	1670.9	1706.0	1738.1	1756.4	1776.3
12.5°	1435.7	1446.4	1467.7	1498.3	1507.5	1534.9	1570.1	1614.4	1672.4	1689.2	1718.2
15°	1337.9	1366.9	1383.7	1397.5	1418.9	1444.8	1483.0	1525.8	1583.8	1620.5	1651.0
17.5°	1255.5	1293.6	1304.3	1301.3	1328.8	1368.5	1412.8	1444.8	1496.8	1541.1	1570.1
20°	1188.2	1203.5	1221.8	1229.5	1250.9	1293.6	1336.4	1373.1	1415.8	1450.9	1484.5
22.5°	1121.0	1133.3	1148.5	1162.3	1179.1	1203.5	1244.8	1290.6	1331.8	1365.4	1403.6
25°	1066.1	1073.7	1087.4	1098.1	1116.5	1133.3	1162.3	1212.7	1261.6	1281.4	1315.0
27.5°	1012.6	1018.7	1027.9	1040.1	1049.3	1066.1	1092.0	1133.3	1183.7	1203.5	1249.3
30°	965.3	969.8	979.0	985.1	989.7	1009.6	1029.4	1061.5	1099.7	1127.2	1160.8
32.5°	921.0	925.6	934.7	936.2	942.4	953.0	971.4	1000.4	1034.0	1056.9	1085.9
35°	872.1	875.1	884.3	887.4	892.0	901.1	914.9	936.2	966.8	983.6	1009.6
37.5°	833.9	832.4	838.5	843.1	849.2	853.8	858.3	879.7	902.6	917.9	937.8
40°	792.7	789.6	791.1	797.3	800.3	806.4	806.4	827.8	843.1	855.3	870.6
42.5°	751.4	749.9	746.9	749.9	753.0	754.5	756.0	771.3	786.6	797.3	814.1
45°	710.2	708.7	705.6	707.1	707.1	710.2	714.8	720.9	731.6	740.7	749.9
47.5°	672.0	669.0	664.4	662.9	665.9	665.9	665.9	672.0	682.7	685.8	694.9
50°	632.3	627.7	621.6	618.6	618.6	617.0	620.1	621.6	630.8	633.8	641.5
52.5°	589.5	586.5	580.4	574.3	575.8	572.7	574.3	575.8	578.9	583.4	588.0
55°	546.8	540.7	536.1	534.6	530.0	530.0	525.4	531.5	530.0	531.5	537.6
57.5°	505.5	499.4	491.8	488.7	484.2	482.6	479.6	478.0	479.6	484.2	488.7
60°	456.7	453.6	449.0	444.4	441.4	436.8	433.8	433.8	432.2	432.2	433.8
62.5°	409.3	407.8	401.7	400.2	397.1	394.0	389.5	386.4	386.4	389.5	391.0
65°	363.5	362.0	357.4	355.9	348.2	345.2	343.6	342.1	339.1	339.1	339.1
67.5°	320.7	316.2	316.2	308.5	302.4	299.4	296.3	294.8	294.8	294.8	296.3
70°	273.4	273.4	268.8	264.2	258.1	259.6	255.1	250.5	250.5	247.4	249.0
72.5°	227.6	226.0	221.5	219.9	215.4	210.8	207.7	210.8	206.2	204.7	206.2
75°	183.3	181.8	178.7	175.6	177.2	172.6	168.0	166.5	166.5	163.4	163.4
77.5°	140.5	143.6	137.5	135.9	132.9	129.8	128.3	126.8	126.8	126.8	129.8
80°	97.7	99.3	99.3	96.2	97.7	93.2	93.2	93.2	88.6	90.1	91.6
82.5°	62.6	62.6	61.1	62.6	61.1	61.1	59.6	59.6	58.0	58.0	59.6
85°	35.1	33.6	32.1	35.1	33.6	33.6	32.1	32.1	32.1	32.1	32.1
87.5°	7.6	9.2	9.2	9.2	9.2	10.7	10.7	10.7	12.2	12.2	12.2
90°	25.8	24.6	23.5	22.3	21.1	19.2	17.4	15.5	13.6	12.7	11.4
92.5°	27.3	26.8	26.3	25.8	25.3	24.6	23.9	23.2	22.5	22.2	22.7
95°	45.9	44.7	43.6	42.4	41.2	39.6	37.9	36.3	34.6	33.8	37.7
97.5°	56.7	56.0	55.3	54.6	53.9	50.1	46.4	42.6	38.9	37.0	46.6
100°	67.8	65.9	64.0	62.1	60.2	56.2	52.2	48.2	44.2	42.2	58.3
102.5°	72.6	70.0	67.5	64.9	62.3	105.0	147.8	190.5	233.2	254.6	254.8
105°	74.7	72.1	69.6	67.0	64.4	128.5	192.6	256.7	320.8	352.8	349.3
107.5°	76.9	74.3	71.7	69.1	66.5	145.6	224.7	303.8	382.9	422.5	419.6
110°	90.9	114.4	137.9	161.3	184.8	252.6	320.5	388.3	456.2	490.1	487.6

TEST NUMBER: P1007922

CATALOG NUMBER: S122DIP-B1005D1080UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	131.9	233.1	334.2	435.4	536.6	540.6	544.6	548.5	552.5	554.5	552.4
115°	217.0	325.7	434.4	543.0	651.7	645.8	640.0	634.1	628.2	625.3	623.3
117.5°	574.5	608.0	641.6	675.1	708.7	704.7	700.7	696.8	692.8	690.8	688.5
120°	785.5	782.7	779.8	777.0	774.2	770.0	765.8	761.5	757.3	755.2	753.4
122.5°	842.2	840.8	839.3	837.9	836.5	831.8	827.1	822.4	817.7	815.4	813.5
125°	899.1	897.4	895.8	894.1	892.5	888.1	883.6	879.2	874.7	872.5	871.0
127.5°	953.6	951.3	949.0	946.6	944.3	940.8	937.2	933.7	930.2	928.4	926.8
130°	1004.2	1001.6	999.1	996.5	993.9	991.3	988.7	986.2	983.6	982.3	980.4
132.5°	1052.0	1049.9	1047.8	1045.7	1043.6	1041.0	1038.4	1035.9	1033.3	1032.0	1030.5
135°	1098.4	1096.1	1093.7	1091.4	1089.0	1086.9	1084.8	1082.7	1080.6	1079.5	1077.6
137.5°	1141.7	1139.4	1137.0	1134.7	1132.3	1129.9	1127.6	1125.2	1122.9	1121.7	1120.3
140°	1183.0	1180.9	1178.8	1176.6	1174.5	1171.9	1169.3	1166.8	1164.2	1162.9	1162.0
142.5°	1221.2	1219.3	1217.4	1215.5	1213.6	1210.6	1207.5	1204.5	1201.4	1199.9	1199.1
145°	1256.1	1254.4	1252.8	1251.1	1249.5	1245.5	1241.5	1237.6	1233.6	1231.6	1231.7
147.5°	1287.0	1285.8	1284.7	1283.5	1282.3	1278.3	1274.3	1270.3	1266.3	1264.3	1264.7
150°	1316.4	1315.0	1313.6	1312.2	1310.8	1307.0	1303.3	1299.5	1295.8	1293.9	1294.7
152.5°	1342.8	1341.4	1340.0	1338.6	1337.2	1333.7	1330.2	1326.7	1323.2	1321.4	1322.3
155°	1366.1	1364.7	1363.2	1361.8	1360.4	1357.6	1354.8	1352.0	1349.2	1347.8	1348.9
157.5°	1387.1	1385.4	1383.8	1382.1	1380.5	1378.4	1376.3	1374.2	1372.1	1371.0	1371.9
160°	1404.1	1402.7	1401.3	1399.9	1398.5	1397.1	1395.7	1394.2	1392.8	1392.1	1392.8
162.5°	1420.9	1419.2	1417.6	1415.9	1414.3	1413.1	1411.9	1410.8	1409.6	1409.0	1409.7
165°	1433.6	1431.9	1430.3	1428.6	1427.0	1426.3	1425.6	1424.9	1424.2	1423.8	1424.5
167.5°	1445.2	1443.5	1441.9	1440.2	1438.6	1437.9	1437.2	1436.5	1435.8	1435.4	1436.1
170°	1453.7	1452.0	1450.4	1448.7	1447.1	1446.6	1446.1	1445.6	1445.1	1444.9	1445.6
172.5°	1460.0	1458.3	1456.7	1455.0	1453.4	1452.9	1452.5	1452.0	1451.5	1451.3	1452.0
175°	1464.2	1462.5	1460.9	1459.2	1457.6	1457.1	1456.7	1456.2	1455.7	1455.5	1456.3
177.5°	1465.3	1463.6	1462.0	1460.3	1458.7	1458.5	1458.2	1458.0	1457.7	1457.6	1458.4
180°	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7	1459.7

TEST NUMBER: P1007922

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1987.0	1987.0	1987.0	1987.0
2.5°	1950.4	1950.4	1973.3	1997.7
5°	1907.6	1918.3	1955.0	1988.6
7.5°	1866.4	1884.7	1930.5	1973.3
10°	1816.0	1840.4	1896.9	1947.3
12.5°	1767.1	1790.0	1855.7	1912.2
15°	1698.4	1727.4	1797.6	1867.9
17.5°	1629.6	1658.7	1744.2	1826.7
20°	1548.7	1586.9	1683.1	1793.1
22.5°	1473.9	1521.2	1628.1	1716.7
25°	1391.4	1464.7	1564.0	1678.5
27.5°	1318.1	1391.4	1492.2	1608.3
30°	1235.6	1310.4	1414.3	1521.2
32.5°	1156.2	1224.9	1325.7	1457.1
35°	1073.7	1139.4	1237.1	1370.0
37.5°	998.9	1063.0	1169.9	1292.1
40°	925.6	992.8	1084.4	1206.6
42.5°	856.8	916.4	998.9	1121.0
45°	794.2	837.0	913.3	1027.9
47.5°	728.5	766.7	837.0	951.5
50°	667.4	699.5	760.6	867.5
52.5°	607.9	635.4	691.9	777.4
55°	554.4	580.4	621.6	705.6
57.5°	499.4	519.3	559.0	626.2
60°	446.0	464.3	496.4	551.4
62.5°	392.5	407.8	438.3	482.6
65°	345.2	357.4	380.3	418.5
67.5°	299.4	307.0	325.3	355.9
70°	255.1	261.2	276.4	300.9
72.5°	207.7	213.8	230.6	247.4
75°	168.0	169.5	181.8	195.5
77.5°	131.3	129.8	139.0	149.7
80°	90.1	94.7	102.3	106.9
82.5°	61.1	62.6	65.7	68.7
85°	33.6	35.1	35.1	39.7
87.5°	13.7	15.3	15.3	16.8
90°	8.8	6.3	3.7	1.1
92.5°	23.6	24.5	25.5	26.4
95°	45.4	53.2	60.9	68.7
97.5°	65.9	85.1	104.4	123.6
100°	90.5	122.6	154.8	187.0
102.5°	255.3	255.8	256.2	256.7
105°	342.2	335.2	328.1	321.1
107.5°	413.7	407.8	402.0	396.1
110°	482.7	477.8	472.8	467.9

TEST NUMBER: P1007922

CATALOG NUMBER: S122DIP-B1005D1080UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	548.2	543.9	539.7	535.5
115°	619.3	615.3	611.3	607.3
117.5°	683.8	679.1	674.4	669.7
120°	749.9	746.4	742.9	739.4
122.5°	809.8	806.0	802.3	798.5
125°	867.9	864.8	861.8	858.7
127.5°	923.5	920.2	917.0	913.7
130°	976.7	972.9	969.2	965.4
132.5°	1027.4	1024.3	1021.3	1018.2
135°	1073.9	1070.1	1066.4	1062.6
137.5°	1117.5	1114.7	1111.9	1109.1
140°	1160.1	1158.2	1156.4	1154.5
142.5°	1197.4	1195.8	1194.1	1192.5
145°	1231.9	1232.2	1232.4	1232.6
147.5°	1265.4	1266.1	1266.8	1267.5
150°	1296.4	1298.0	1299.7	1301.3
152.5°	1324.2	1326.1	1327.9	1329.8
155°	1351.0	1353.1	1355.2	1357.3
157.5°	1373.8	1375.7	1377.6	1379.5
160°	1394.2	1395.7	1397.1	1398.5
162.5°	1411.1	1412.6	1414.0	1415.4
165°	1425.9	1427.4	1428.8	1430.2
167.5°	1437.5	1439.0	1440.4	1441.8
170°	1447.0	1448.5	1449.9	1451.3
172.5°	1453.4	1454.8	1456.2	1457.6
175°	1458.0	1459.6	1461.3	1462.9
177.5°	1460.1	1461.7	1463.4	1465.0
180°	1459.7	1459.7	1459.7	1459.7

(END OF REPORT)