

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: P1010394

Luminaire Tested: S123DIP-B1000D1025UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1010394
REPORT IS A COMBINATION OF REPORTS P989028 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123DIP-B1000D1025UB2750-4F0-XX-W2A-A_2700K
Description: Define 3 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

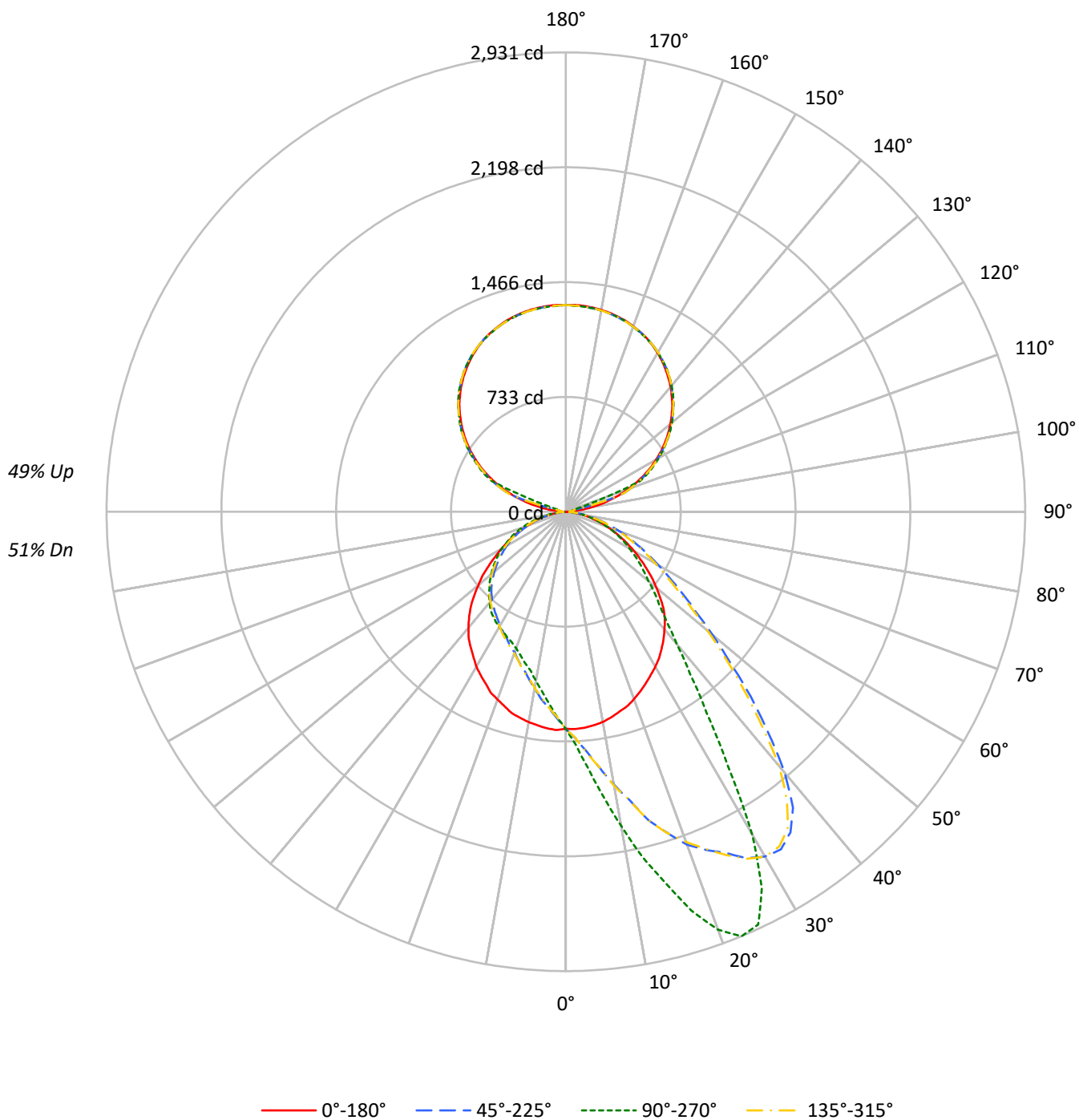
Lumens per Lamp: N/A
Luminaire Lumens: 8201.0 lumens
Efficiency: N/A
Efficacy: 108.9 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 75.3
Input Voltage (V): 120
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	57	57	57
1	98	94	90	87	91	87	84	81	74	72	69	62	60	59	51	50	49	49	49	49
2	90	82	76	71	83	76	71	67	65	61	58	55	52	50	45	43	41	41	41	41
3	82	73	65	60	75	67	61	56	58	53	49	49	45	42	40	38	36	36	36	36
4	75	64	57	51	69	60	53	48	51	46	42	43	39	36	36	33	31	31	31	31
5	69	58	49	44	64	54	46	41	46	41	36	39	35	32	33	29	27	27	27	27
6	64	52	44	38	59	48	41	36	42	36	32	35	31	28	30	26	24	24	24	24
7	59	47	39	33	54	44	36	31	38	32	28	32	28	25	27	24	21	21	21	21
8	55	42	35	29	50	40	33	28	34	29	25	29	25	22	25	21	19	19	19	19
9	51	39	31	26	47	36	29	25	32	26	22	27	23	20	23	20	17	17	17	17
10	47	35	28	24	44	33	27	22	29	24	20	25	21	18	21	18	16	16	16	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14900	14900	14900	14900
5°	14910	17168	14954	12813
10°	14816	20775	14830	11189
15°	14611	24639	14729	10072
20°	14434	28367	14465	9268
25°	14172	29082	14204	8849
30°	13986	24027	13986	8574
35°	13754	16069	13667	8330
40°	13476	11600	13310	7959
45°	13128	9189	12750	7497
50°	12280	7803	11845	7043
55°	11350	6857	10888	6537
60°	10408	5971	9853	6005
65°	9372	5112	8918	5296
70°	8296	4243	7742	4465
75°	7091	3200	6634	3447
80°	5608	2137	5168	2264
85°	3861	982	3093	891

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 24030 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.1	1.7
10°-20°	437.3	5.3
20°-30°	735.8	9.0
30°-40°	831.5	10.1
40°-50°	744.7	9.1
50°-60°	601.2	7.3
60°-70°	418.9	5.1
70°-80°	219.9	2.7
80°-90°	55.4	0.7
90°-100°	46.5	0.6
100°-110°	224.8	2.7
110°-120°	551.0	6.7
120°-130°	699.5	8.5
130°-140°	747.2	9.1
140°-150°	698.7	8.5
150°-160°	563.6	6.9
160°-170°	363.7	4.4
170°-180°	125.3	1.5
0°-30°	1309.2	16.0
0°-40°	2140.6	26.1
0°-60°	3486.5	42.5
0°-90°	4180.6	51.0
90°-120°	822.3	10.0
90°-150°	2967.7	36.2
90°-180°	4020.0	49.0
0°-180°	8201.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1384	1384	1384	1384	1384	
5°	1383	1644	1387	1227	1383	131
15°	1320	2448	1331	1001	1320	373
25°	1207	2905	1210	884	1207	557
35°	1065	1565	1058	812	1065	667
45°	884	845	858	690	884	676
55°	626	574	601	547	626	561
65°	388	373	369	386	388	386
75°	186	192	174	207	186	200
85°	40	44	32	40	40	46
90°	1	29	1	29	1	6
95°	60	37	60	37	60	71
105°	292	43	292	43	292	310
115°	548	576	548	576	548	541
125°	772	788	772	788	772	690
135°	961	971	961	971	961	740
145°	1109	1120	1109	1120	1109	694
155°	1222	1220	1222	1220	1222	563
165°	1288	1286	1288	1286	1288	364
175°	1319	1314	1319	1314	1319	126
180°	1319	1319	1319	1319	1319	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3
2.5°	1388.3	1399.0	1404.4	1412.5	1420.5	1432.6	1436.6	1443.3	1440.6	1446.0	1448.7
5°	1382.9	1401.7	1417.8	1437.9	1456.7	1470.1	1483.5	1505.0	1521.1	1523.8	1535.9
7.5°	1373.6	1400.4	1428.6	1456.7	1492.9	1514.4	1538.5	1568.1	1592.2	1631.1	1645.9
10°	1361.5	1399.0	1439.3	1478.2	1527.8	1561.3	1590.9	1640.5	1690.1	1730.4	1767.9
12.5°	1342.7	1389.7	1442.0	1499.6	1564.0	1602.9	1643.2	1708.9	1784.0	1845.7	1886.0
15°	1319.9	1378.9	1446.0	1507.7	1578.8	1651.2	1694.1	1767.9	1875.2	1932.9	2036.2
17.5°	1301.1	1361.5	1428.6	1525.1	1621.7	1694.1	1725.0	1860.5	1934.2	2030.8	2147.5
20°	1271.6	1348.1	1433.9	1530.5	1655.2	1699.5	1762.6	1899.4	1990.6	2116.7	2260.2
22.5°	1240.8	1322.6	1425.9	1526.5	1666.0	1712.9	1798.8	1907.4	2052.3	2177.0	2335.3
25°	1207.2	1295.8	1400.4	1519.8	1656.6	1725.0	1805.5	1939.6	2096.6	2253.5	2399.7
27.5°	1173.7	1270.3	1378.9	1498.3	1631.1	1711.6	1792.1	1931.6	2132.8	2303.1	2489.6
30°	1141.5	1238.1	1346.7	1468.8	1608.3	1686.1	1762.6	1936.9	2160.9	2352.8	2540.5
32.5°	1106.6	1205.9	1319.9	1421.8	1562.7	1645.9	1731.7	1936.9	2178.4	2382.3	2554.0
35°	1065.0	1167.0	1264.9	1366.8	1506.4	1598.9	1695.5	1923.5	2194.5	2391.7	2497.6
37.5°	1024.8	1114.7	1199.2	1298.4	1444.6	1543.9	1655.2	1907.4	2186.4	2351.4	2380.9
40°	979.2	1069.1	1137.5	1230.0	1384.3	1499.6	1612.3	1886.0	2151.5	2256.2	2170.3
42.5°	934.9	1006.0	1065.0	1154.9	1322.6	1435.3	1557.3	1847.1	2083.1	2104.6	1911.4
45°	884.0	934.9	987.2	1089.2	1255.5	1370.9	1506.4	1790.7	1973.1	1911.4	1667.3
47.5°	818.2	863.8	921.5	1015.4	1184.4	1303.8	1432.6	1718.3	1813.5	1684.8	1417.8
50°	755.2	794.1	847.7	939.0	1109.3	1226.0	1362.8	1604.3	1651.2	1448.7	1222.0
52.5°	692.1	721.7	774.0	865.2	1035.5	1148.2	1273.0	1487.6	1460.7	1243.4	1042.2
55°	626.4	651.9	701.5	791.4	949.7	1057.0	1176.4	1344.0	1274.3	1067.7	906.8
57.5°	562.0	588.9	639.8	714.9	863.8	968.5	1063.7	1195.2	1090.5	925.5	783.4
60°	504.4	527.2	566.1	639.8	775.3	859.8	947.0	1036.9	949.7	790.1	681.4
62.5°	444.0	465.5	501.7	568.7	685.4	760.6	830.3	904.1	807.5	690.8	594.2
65°	387.7	405.1	438.6	500.3	595.6	657.3	713.6	764.6	686.8	579.5	507.0
67.5°	336.7	351.4	379.6	434.6	515.1	559.3	605.0	647.9	582.2	496.3	434.6
70°	281.7	293.8	319.2	359.5	423.9	469.5	503.0	535.2	476.2	407.8	366.2
72.5°	233.4	245.5	261.6	303.1	347.4	375.6	411.8	429.2	395.7	339.4	297.8
75°	186.4	195.8	210.6	237.4	279.0	297.8	320.6	334.0	303.1	265.6	240.1
77.5°	146.2	150.2	161.0	179.7	207.9	229.4	246.8	254.9	233.4	209.3	187.8
80°	103.3	108.7	116.7	132.8	154.3	161.0	171.7	181.1	167.7	146.2	132.8
82.5°	68.4	75.1	79.1	85.8	99.3	107.3	110.0	118.0	106.0	97.9	92.6
85°	40.2	42.9	44.3	48.3	55.0	59.0	63.0	64.4	61.7	60.4	55.0
87.5°	20.1	20.1	20.1	22.8	24.1	26.8	28.2	28.2	28.2	26.8	25.5
90°	1.0	3.2	5.4	7.5	9.7	10.8	12.2	15.0	17.9	20.7	23.5
92.5°	22.5	21.2	19.9	18.6	17.3	16.7	17.7	19.6	21.6	23.5	25.5
95°	59.8	50.9	41.9	33.0	24.1	19.6	20.8	23.2	25.6	28.0	30.4
97.5°	108.8	102.7	96.6	90.5	84.4	81.3	75.8	64.7	53.6	42.5	31.4
100°	165.6	170.0	174.3	178.7	183.0	185.2	168.2	134.2	100.3	66.3	32.3
102.5°	230.2	233.0	235.9	238.7	241.6	243.0	224.1	186.2	148.3	110.4	72.5
105°	292.0	294.4	296.8	299.1	301.5	302.7	292.9	273.3	253.8	234.2	214.6
107.5°	357.6	359.6	361.5	363.5	365.4	366.4	368.0	371.3	374.6	377.8	381.1
110°	423.3	425.0	426.8	428.5	430.2	431.1	432.3	434.7	437.1	439.5	441.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	486.0	487.5	489.0	490.5	492.0	492.8	494.0	496.4	498.8	501.2	503.6
115°	547.7	549.0	550.3	551.6	552.9	553.6	554.6	556.5	558.5	560.4	562.4
117.5°	608.4	609.9	611.5	613.0	614.5	615.3	615.8	616.9	618.0	619.1	620.2
120°	664.3	666.3	668.2	670.2	672.1	673.1	673.4	674.1	674.7	675.4	676.0
122.5°	721.1	722.6	724.2	725.7	727.2	728.0	728.4	729.3	730.2	731.0	731.9
125°	772.1	773.8	775.6	777.3	779.0	779.9	780.3	781.2	782.1	782.9	783.8
127.5°	823.0	824.7	826.5	828.2	829.9	830.8	831.3	832.4	833.5	834.6	835.7
130°	870.0	871.8	873.5	875.3	877.0	877.9	878.3	879.2	880.1	880.9	881.8
132.5°	915.1	916.8	918.6	920.3	922.0	922.9	923.2	923.9	924.6	925.2	925.9
135°	961.2	962.5	963.8	965.1	966.4	967.0	967.4	968.3	969.2	970.0	970.9
137.5°	1000.3	1002.1	1003.8	1005.6	1007.3	1008.2	1008.4	1008.8	1009.3	1009.7	1010.1
140°	1039.5	1040.8	1042.1	1043.4	1044.7	1045.4	1045.7	1046.4	1047.0	1047.7	1048.3
142.5°	1075.8	1077.1	1078.4	1079.7	1081.0	1081.7	1082.0	1082.7	1083.3	1084.0	1084.6
145°	1109.1	1110.6	1112.2	1113.7	1115.2	1116.0	1116.2	1116.6	1117.1	1117.5	1117.9
147.5°	1141.4	1142.5	1143.6	1144.7	1145.8	1146.3	1146.5	1147.0	1147.4	1147.9	1148.3
150°	1170.8	1171.5	1172.1	1172.8	1173.5	1173.8	1174.0	1174.4	1174.9	1175.3	1175.7
152.5°	1197.3	1197.5	1197.7	1198.0	1198.2	1198.3	1198.4	1198.6	1198.8	1199.0	1199.2
155°	1221.8	1221.4	1220.9	1220.5	1220.0	1219.8	1219.9	1220.1	1220.4	1220.6	1220.8
157.5°	1241.4	1241.4	1241.4	1241.4	1241.4	1241.4	1241.3	1241.1	1240.8	1240.6	1240.4
160°	1259.0	1258.8	1258.6	1258.3	1258.1	1258.0	1257.9	1257.7	1257.4	1257.2	1257.0
162.5°	1275.7	1275.0	1274.4	1273.7	1273.0	1272.7	1272.6	1272.4	1272.1	1271.9	1271.7
165°	1288.4	1287.8	1287.1	1286.5	1285.8	1285.5	1285.4	1285.2	1284.9	1284.7	1284.5
167.5°	1299.2	1298.3	1297.5	1296.6	1295.7	1295.3	1295.3	1295.3	1295.3	1295.3	1295.3
170°	1308.0	1307.1	1306.3	1305.4	1304.5	1304.1	1304.1	1304.1	1304.1	1304.1	1304.1
172.5°	1313.9	1312.8	1311.7	1310.6	1309.5	1309.0	1309.1	1309.3	1309.5	1309.7	1309.9
175°	1318.8	1317.7	1316.6	1315.5	1314.4	1313.9	1314.0	1314.2	1314.4	1314.6	1314.8
177.5°	1320.7	1319.6	1318.5	1317.4	1316.3	1315.8	1315.9	1316.1	1316.4	1316.6	1316.8
180°	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3
2.5°	1458.1	1460.7	1470.1	1476.8	1490.3	1488.9	1488.9	1487.6	1483.5	1490.3	1494.3
5°	1560.0	1582.8	1585.5	1615.0	1616.3	1628.4	1636.5	1629.8	1645.9	1644.5	1632.4
7.5°	1686.1	1716.9	1731.7	1759.9	1792.1	1784.0	1814.9	1820.2	1817.5	1831.0	1840.4
10°	1824.3	1877.9	1915.5	1967.8	1981.2	1989.2	2009.4	2026.8	2061.7	2034.8	2052.3
12.5°	1982.5	2021.4	2071.1	2154.2	2195.8	2222.6	2232.0	2244.1	2268.2	2253.5	2254.8
15°	2115.3	2167.6	2252.1	2355.4	2367.5	2401.0	2393.0	2465.4	2500.3	2448.0	2477.5
17.5°	2253.5	2323.2	2423.8	2513.7	2564.7	2587.5	2609.0	2678.7	2676.0	2668.0	2674.7
20°	2342.0	2456.0	2580.8	2700.2	2714.9	2732.4	2790.0	2819.5	2814.2	2837.0	2851.7
22.5°	2466.8	2587.5	2720.3	2799.4	2833.0	2853.1	2898.7	2917.5	2925.5	2930.9	2921.5
25°	2571.4	2700.2	2798.1	2867.8	2888.0	2898.7	2913.4	2918.8	2914.8	2905.4	2913.4
27.5°	2642.5	2745.8	2812.8	2845.0	2834.3	2816.9	2788.7	2769.9	2728.3	2708.2	2732.4
30°	2672.0	2717.6	2737.7	2684.1	2630.4	2587.5	2533.8	2434.6	2356.8	2379.6	2348.7
32.5°	2625.0	2595.5	2499.0	2360.8	2319.2	2249.5	2097.9	1981.2	1985.2	1923.5	1949.0
35°	2486.9	2352.8	2170.3	1961.1	1906.1	1868.5	1702.2	1676.7	1623.0	1565.4	1581.5
37.5°	2242.8	2046.9	1825.6	1671.3	1589.5	1507.7	1413.8	1357.5	1325.3	1301.1	1319.9
40°	1945.0	1706.2	1523.8	1385.6	1315.9	1263.6	1199.2	1142.8	1106.6	1102.6	1109.3
42.5°	1652.6	1451.4	1283.7	1152.2	1129.4	1067.7	1026.1	981.9	971.1	953.7	963.1
45°	1399.0	1235.4	1097.2	989.9	963.1	947.0	896.0	867.9	855.8	845.1	861.2
47.5°	1215.3	1043.6	943.0	878.6	851.8	824.9	796.8	778.0	768.6	769.9	768.6
50°	1038.2	912.1	823.6	774.0	757.9	739.1	716.3	704.2	700.2	688.1	697.5
52.5°	893.3	802.1	740.4	693.5	681.4	668.0	649.2	642.5	633.1	630.4	630.4
55°	776.6	705.6	655.9	625.1	610.3	599.6	588.9	580.8	574.1	574.1	574.1
57.5°	685.4	623.7	587.5	560.7	555.3	544.6	532.5	532.5	523.1	521.8	525.8
60°	607.6	552.6	524.5	501.7	493.6	490.9	478.9	478.9	476.2	469.5	474.8
62.5°	528.5	488.3	464.1	446.7	438.6	438.6	429.2	422.5	422.5	423.9	421.2
65°	456.1	426.6	405.1	391.7	387.7	382.3	380.9	375.6	371.6	372.9	371.6
67.5°	391.7	368.9	354.1	343.4	336.7	334.0	330.0	330.0	327.3	328.6	321.9
70°	334.0	311.2	299.1	288.4	285.7	285.7	280.3	281.7	279.0	283.0	280.3
72.5°	275.0	257.5	248.2	244.1	241.4	240.1	237.4	234.7	233.4	236.1	234.7
75°	222.7	207.9	201.2	198.5	195.8	195.8	194.5	193.2	191.8	191.8	191.8
77.5°	173.0	163.6	155.6	158.3	154.3	155.6	151.6	151.6	152.9	151.6	151.6
80°	127.4	120.7	120.7	118.0	112.7	115.4	115.4	111.3	110.0	112.7	108.7
82.5°	84.5	83.2	80.5	79.1	76.5	77.8	76.5	75.1	73.8	76.5	73.8
85°	49.6	49.6	48.3	45.6	48.3	46.9	45.6	45.6	44.3	44.3	44.3
87.5°	25.5	22.8	22.8	21.5	22.8	20.1	21.5	20.1	18.8	20.1	18.8
90°	24.4	25.2	26.1	27.0	27.4	27.6	28.1	28.5	29.0	29.4	29.0
92.5°	27.0	28.5	30.0	31.5	32.3	32.4	32.6	32.9	33.1	33.3	33.1
95°	31.9	33.4	34.9	36.4	37.2	37.2	37.2	37.2	37.2	37.2	37.2
97.5°	33.1	34.9	36.6	38.3	39.2	39.3	39.5	39.8	40.0	40.2	40.0
100°	34.1	35.8	37.6	39.3	40.2	40.3	40.5	40.8	41.0	41.2	41.0
102.5°	65.3	58.1	51.0	43.8	40.2	40.4	40.8	41.3	41.7	42.1	41.7
105°	176.1	137.5	99.0	60.5	41.2	41.4	41.8	42.3	42.7	43.1	42.7
107.5°	347.6	314.0	280.5	247.0	230.2	215.9	187.4	158.9	130.4	101.9	130.4
110°	434.7	427.5	420.3	413.1	409.5	393.9	362.8	331.7	300.5	269.4	300.5

TEST NUMBER: P1010394

CATALOG NUMBER: S123DIP-B1000D1025UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	505.6	507.5	509.5	511.4	512.4	512.2	511.8	511.3	510.9	510.5	510.9
115°	564.6	566.8	568.9	571.1	572.2	572.6	573.5	574.4	575.2	576.1	575.2
117.5°	621.9	623.7	625.4	627.1	628.0	628.1	628.3	628.6	628.8	629.0	628.8
120°	677.8	679.5	681.3	683.0	683.9	683.9	683.9	683.9	683.9	683.9	683.9
122.5°	733.0	734.1	735.2	736.3	736.8	736.9	737.1	737.4	737.6	737.8	737.6
125°	784.2	784.7	785.1	785.6	785.8	786.0	786.4	786.9	787.3	787.7	787.3
127.5°	836.4	837.0	837.7	838.4	838.7	838.5	838.0	837.6	837.1	836.7	837.1
130°	882.7	883.5	884.4	885.3	885.7	885.5	885.0	884.6	884.1	883.7	884.1
132.5°	926.8	927.6	928.5	929.4	929.8	929.5	928.8	928.2	927.5	926.9	927.5
135°	971.6	972.2	972.9	973.6	973.9	973.6	972.9	972.2	971.6	970.9	971.6
137.5°	1011.2	1012.3	1013.4	1014.5	1015.0	1014.8	1014.4	1013.9	1013.5	1013.1	1013.5
140°	1049.2	1050.1	1051.0	1051.9	1052.3	1052.1	1051.6	1051.2	1050.7	1050.3	1050.7
142.5°	1085.2	1085.9	1086.5	1087.2	1087.5	1087.2	1086.5	1085.9	1085.2	1084.6	1085.2
145°	1118.3	1118.8	1119.2	1119.7	1119.9	1119.9	1119.9	1119.9	1119.9	1119.9	1119.9
147.5°	1148.7	1149.1	1149.6	1150.0	1150.2	1149.7	1148.6	1147.5	1146.4	1145.3	1146.4
150°	1176.1	1176.6	1177.0	1177.5	1177.7	1177.4	1176.7	1176.0	1175.4	1174.7	1175.4
152.5°	1200.1	1201.0	1201.9	1202.8	1203.2	1202.7	1201.6	1200.5	1199.4	1198.3	1199.4
155°	1221.9	1223.0	1224.1	1225.2	1225.7	1225.0	1223.7	1222.4	1221.1	1219.8	1221.1
157.5°	1241.7	1243.0	1244.3	1245.6	1246.3	1245.4	1243.7	1241.9	1240.2	1238.4	1240.2
160°	1258.3	1259.6	1260.9	1262.2	1262.9	1262.1	1260.6	1259.1	1257.6	1256.1	1257.6
162.5°	1273.2	1274.8	1276.3	1277.8	1278.6	1277.9	1276.6	1275.3	1274.0	1272.7	1274.0
165°	1286.2	1288.0	1289.7	1291.4	1292.3	1291.5	1290.0	1288.5	1287.0	1285.5	1287.0
167.5°	1297.0	1298.8	1300.5	1302.2	1303.1	1302.2	1300.5	1298.8	1297.0	1295.3	1297.0
170°	1305.8	1307.6	1309.3	1311.0	1311.9	1311.0	1309.3	1307.6	1305.8	1304.1	1305.8
172.5°	1311.7	1313.4	1315.2	1316.9	1317.8	1316.8	1314.9	1312.9	1311.0	1309.0	1311.0
175°	1316.3	1317.9	1319.4	1320.9	1321.7	1320.8	1319.1	1317.4	1315.6	1313.9	1315.6
177.5°	1318.5	1320.3	1322.0	1323.7	1324.6	1323.5	1321.3	1319.2	1317.0	1314.8	1317.0
180°	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8

TEST NUMBER: P1010394

CATALOG NUMBER: S123DIP-B1000D1025UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3
2.5°	1483.5	1487.6	1476.8	1474.2	1474.2	1479.5	1475.5	1439.3	1446.0	1437.9	1435.3
5°	1647.2	1639.1	1628.4	1623.0	1616.3	1597.6	1596.2	1554.6	1546.6	1519.8	1507.7
7.5°	1826.9	1820.2	1788.0	1784.0	1781.3	1763.9	1719.6	1675.4	1643.2	1612.3	1582.8
10°	2032.2	2012.0	1997.3	1967.8	1953.0	1928.9	1871.2	1829.6	1774.6	1727.7	1666.0
12.5°	2279.0	2256.2	2206.5	2185.1	2166.3	2099.2	2041.6	1994.6	1887.3	1855.1	1778.6
15°	2460.1	2411.8	2406.4	2359.5	2356.8	2283.0	2173.0	2122.0	2038.9	1920.8	1841.7
17.5°	2655.9	2613.0	2579.4	2523.1	2515.1	2445.3	2364.8	2240.1	2148.9	2036.2	1935.6
20°	2799.4	2776.6	2718.9	2696.1	2649.2	2590.2	2507.0	2352.8	2241.4	2128.7	2005.3
22.5°	2913.4	2890.6	2845.0	2814.2	2787.4	2710.9	2611.6	2480.2	2327.3	2179.7	2052.3
25°	2912.1	2905.4	2886.6	2871.9	2851.7	2795.4	2712.2	2586.1	2415.8	2253.5	2076.4
27.5°	2747.1	2765.9	2798.1	2814.2	2810.2	2802.1	2755.2	2649.2	2496.3	2303.1	2104.6
30°	2403.7	2472.1	2532.5	2613.0	2637.1	2696.1	2723.0	2662.6	2540.5	2360.8	2140.8
32.5°	1993.3	2092.5	2224.0	2268.2	2344.7	2458.7	2586.1	2609.0	2532.5	2394.3	2163.6
35°	1635.1	1716.9	1818.9	1888.6	1957.0	2142.2	2303.1	2442.6	2468.1	2376.9	2158.3
37.5°	1353.4	1411.1	1501.0	1560.0	1623.0	1781.3	2006.7	2187.8	2315.2	2317.9	2143.5
40°	1149.5	1175.0	1252.8	1295.8	1356.1	1492.9	1694.1	1930.2	2116.7	2202.5	2104.6
42.5°	973.8	1007.4	1071.7	1103.9	1142.8	1262.2	1395.0	1619.0	1849.7	2033.5	2032.2
45°	869.2	893.3	922.9	949.7	994.0	1065.0	1216.6	1384.3	1605.6	1813.5	1895.3
47.5°	776.6	799.5	829.0	837.0	866.5	933.6	1026.1	1172.4	1378.9	1585.5	1739.7
50°	698.9	717.6	737.7	752.5	765.9	820.9	890.7	1014.1	1179.1	1378.9	1570.7
52.5°	638.5	651.9	669.3	677.4	689.5	729.7	783.4	874.6	1010.0	1192.5	1378.9
55°	582.2	591.5	602.3	615.7	621.1	650.6	692.1	769.9	870.5	1034.2	1211.3
57.5°	529.8	533.9	540.6	548.6	555.3	580.8	617.0	669.3	757.9	884.0	1051.6
60°	470.8	481.5	485.6	493.6	497.6	517.8	545.9	590.2	658.6	767.3	893.3
62.5°	421.2	427.9	434.6	438.6	448.0	454.7	477.5	517.8	574.1	654.6	768.6
65°	376.9	379.6	383.6	387.7	390.3	398.4	419.8	446.7	489.6	560.7	649.2
67.5°	326.0	328.6	334.0	335.3	338.0	348.8	360.8	383.6	419.8	473.5	545.9
70°	276.3	280.3	283.0	285.7	289.7	293.8	307.2	326.0	354.1	391.7	448.0
72.5°	233.4	237.4	237.4	240.1	238.8	244.1	257.5	271.0	289.7	320.6	370.2
75°	190.5	190.5	193.2	194.5	195.8	201.2	206.6	217.3	232.1	256.2	287.1
77.5°	150.2	148.9	151.6	151.6	151.6	155.6	161.0	166.3	175.7	193.2	217.3
80°	110.0	110.0	112.7	114.0	111.3	112.7	115.4	120.7	127.4	139.5	152.9
82.5°	72.4	77.8	76.5	77.8	76.5	79.1	80.5	81.8	84.5	89.9	99.3
85°	44.3	44.3	44.3	45.6	44.3	45.6	45.6	45.6	46.9	49.6	53.7
87.5°	18.8	18.8	18.8	20.1	18.8	18.8	20.1	18.8	20.1	20.1	21.5
90°	28.5	28.1	27.6	27.4	27.0	26.1	25.2	24.4	23.5	20.7	17.9
92.5°	32.9	32.6	32.4	32.3	31.5	30.0	28.5	27.0	25.5	23.5	21.6
95°	37.2	37.2	37.2	37.2	36.4	34.9	33.4	31.9	30.4	28.0	25.6
97.5°	39.8	39.5	39.3	39.2	38.3	36.6	34.9	33.1	31.4	42.5	53.6
100°	40.8	40.5	40.3	40.2	39.3	37.6	35.8	34.1	32.3	66.3	100.3
102.5°	41.3	40.8	40.4	40.2	43.8	51.0	58.1	65.3	72.5	110.4	148.3
105°	42.3	41.8	41.4	41.2	60.5	99.0	137.5	176.1	214.6	234.2	253.8
107.5°	158.9	187.4	215.9	230.2	247.0	280.5	314.0	347.6	381.1	377.8	374.6
110°	331.7	362.8	393.9	409.5	413.1	420.3	427.5	434.7	441.9	439.5	437.1

TEST NUMBER: P1010394

CATALOG NUMBER: S123DIP-B1000D1025UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	511.3	511.8	512.2	512.4	511.4	509.5	507.5	505.6	503.6	501.2	498.8
115°	574.4	573.5	572.6	572.2	571.1	568.9	566.8	564.6	562.4	560.4	558.5
117.5°	628.6	628.3	628.1	628.0	627.1	625.4	623.7	621.9	620.2	619.1	618.0
120°	683.9	683.9	683.9	683.9	683.0	681.3	679.5	677.8	676.0	675.4	674.7
122.5°	737.4	737.1	736.9	736.8	736.3	735.2	734.1	733.0	731.9	731.0	730.2
125°	786.9	786.4	786.0	785.8	785.6	785.1	784.7	784.2	783.8	782.9	782.1
127.5°	837.6	838.0	838.5	838.7	838.4	837.7	837.0	836.4	835.7	834.6	833.5
130°	884.6	885.0	885.5	885.7	885.3	884.4	883.5	882.7	881.8	880.9	880.1
132.5°	928.2	928.8	929.5	929.8	929.4	928.5	927.6	926.8	925.9	925.2	924.6
135°	972.2	972.9	973.6	973.9	973.6	972.9	972.2	971.6	970.9	970.0	969.2
137.5°	1013.9	1014.4	1014.8	1015.0	1014.5	1013.4	1012.3	1011.2	1010.1	1009.7	1009.3
140°	1051.2	1051.6	1052.1	1052.3	1051.9	1051.0	1050.1	1049.2	1048.3	1047.7	1047.0
142.5°	1085.9	1086.5	1087.2	1087.5	1087.2	1086.5	1085.9	1085.2	1084.6	1084.0	1083.3
145°	1119.9	1119.9	1119.9	1119.9	1119.7	1119.2	1118.8	1118.3	1117.9	1117.5	1117.1
147.5°	1147.5	1148.6	1149.7	1150.2	1150.0	1149.6	1149.1	1148.7	1148.3	1147.9	1147.4
150°	1176.0	1176.7	1177.4	1177.7	1177.5	1177.0	1176.6	1176.1	1175.7	1175.3	1174.9
152.5°	1200.5	1201.6	1202.7	1203.2	1202.8	1201.9	1201.0	1200.1	1199.2	1199.0	1198.8
155°	1222.4	1223.7	1225.0	1225.7	1225.2	1224.1	1223.0	1221.9	1220.8	1220.6	1220.4
157.5°	1241.9	1243.7	1245.4	1246.3	1245.6	1244.3	1243.0	1241.7	1240.4	1240.6	1240.8
160°	1259.1	1260.6	1262.1	1262.9	1262.2	1260.9	1259.6	1258.3	1257.0	1257.2	1257.4
162.5°	1275.3	1276.6	1277.9	1278.6	1277.8	1276.3	1274.8	1273.2	1271.7	1271.9	1272.1
165°	1288.5	1290.0	1291.5	1292.3	1291.4	1289.7	1288.0	1286.2	1284.5	1284.7	1284.9
167.5°	1298.8	1300.5	1302.2	1303.1	1302.2	1300.5	1298.8	1297.0	1295.3	1295.3	1295.3
170°	1307.6	1309.3	1311.0	1311.9	1311.0	1309.3	1307.6	1305.8	1304.1	1304.1	1304.1
172.5°	1312.9	1314.9	1316.8	1317.8	1316.9	1315.2	1313.4	1311.7	1309.9	1309.7	1309.5
175°	1317.4	1319.1	1320.8	1321.7	1320.9	1319.4	1317.9	1316.3	1314.8	1314.6	1314.4
177.5°	1319.2	1321.3	1323.5	1324.6	1323.7	1322.0	1320.3	1318.5	1316.8	1316.6	1316.4
180°	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8

TEST NUMBER: P1010394

CATALOG NUMBER: S123DIP-B1000D1025UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3
2.5°	1421.8	1417.8	1417.8	1415.1	1407.1	1392.3	1391.0	1393.7	1385.6	1377.6	1365.5
5°	1491.6	1466.1	1458.1	1450.0	1433.9	1407.1	1396.4	1387.0	1372.2	1354.8	1336.0
7.5°	1550.6	1514.4	1503.7	1488.9	1456.7	1419.2	1395.0	1374.9	1354.8	1330.6	1307.8
10°	1624.4	1572.1	1546.6	1525.1	1480.9	1428.6	1392.3	1362.8	1330.6	1301.1	1271.6
12.5°	1707.6	1623.0	1615.0	1562.7	1511.7	1433.9	1389.7	1346.7	1303.8	1267.6	1236.7
15°	1777.3	1684.8	1651.2	1616.3	1518.4	1421.8	1378.9	1330.6	1281.0	1242.1	1196.5
17.5°	1821.6	1745.1	1674.0	1627.1	1525.1	1439.3	1356.1	1301.1	1248.8	1195.2	1157.6
20°	1875.2	1763.9	1702.2	1639.1	1538.5	1425.9	1342.7	1274.3	1209.9	1161.6	1116.0
22.5°	1928.9	1778.6	1727.7	1659.3	1541.2	1412.5	1318.6	1250.2	1176.4	1128.1	1078.5
25°	1923.5	1800.1	1715.6	1657.9	1514.4	1400.4	1290.4	1209.9	1141.5	1079.8	1030.2
27.5°	1927.5	1776.0	1690.1	1623.0	1495.6	1382.9	1260.9	1176.4	1105.3	1040.9	988.6
30°	1928.9	1739.7	1664.6	1584.1	1460.7	1341.4	1227.3	1141.5	1066.4	996.6	949.7
32.5°	1924.9	1710.2	1616.3	1543.9	1405.7	1301.1	1188.4	1097.2	1020.8	956.4	912.1
35°	1915.5	1675.4	1566.7	1475.5	1349.4	1243.4	1152.2	1058.3	976.5	917.5	866.5
37.5°	1890.0	1637.8	1514.4	1424.5	1283.7	1176.4	1095.9	1018.1	939.0	869.2	826.3
40°	1871.2	1586.8	1462.1	1364.2	1212.6	1108.0	1040.9	967.1	889.3	826.3	784.7
42.5°	1828.3	1538.5	1408.4	1291.7	1142.8	1035.5	972.5	913.5	846.4	784.7	747.1
45°	1758.5	1486.2	1342.7	1224.7	1066.4	964.4	906.8	858.5	799.5	740.4	702.9
47.5°	1660.6	1411.1	1273.0	1154.9	991.3	888.0	830.3	794.1	747.1	697.5	665.3
50°	1554.6	1329.3	1201.9	1085.2	918.8	818.2	761.9	728.4	697.5	651.9	621.1
52.5°	1416.5	1242.1	1120.0	1008.7	841.0	744.5	694.8	670.7	638.5	606.3	579.5
55°	1282.3	1129.4	1028.8	922.9	764.6	674.7	626.4	600.9	582.2	555.3	533.9
57.5°	1126.7	1024.8	932.2	835.7	693.5	611.7	566.1	535.2	523.1	511.1	490.9
60°	983.2	905.4	830.3	749.8	619.7	545.9	501.7	477.5	465.5	457.4	444.0
62.5°	851.8	791.4	727.0	662.6	544.6	477.5	444.0	419.8	409.1	407.8	395.7
65°	725.7	682.8	630.4	567.4	474.8	415.8	383.6	368.9	356.8	356.8	347.4
67.5°	599.6	570.1	528.5	484.2	411.8	356.8	327.3	313.9	307.2	307.2	300.5
70°	499.0	478.9	441.3	402.4	339.4	297.8	275.0	262.9	258.9	260.2	254.9
72.5°	405.1	383.6	352.8	324.6	277.7	246.8	230.7	217.3	210.6	211.9	210.6
75°	313.9	303.1	276.3	254.9	217.3	195.8	181.1	174.4	169.0	170.4	167.7
77.5°	236.1	220.0	205.2	190.5	167.7	150.2	138.2	131.5	127.4	127.4	127.4
80°	161.0	158.3	146.2	138.2	119.4	106.0	96.6	95.2	91.2	91.2	91.2
82.5°	104.6	97.9	91.2	85.8	75.1	67.1	63.0	60.4	59.0	57.7	60.4
85°	57.7	53.7	51.0	45.6	41.6	37.6	33.5	32.2	30.9	32.2	30.9
87.5°	22.8	18.8	18.8	17.4	16.1	14.8	14.8	12.1	12.1	10.7	10.7
90°	15.0	12.2	10.8	9.7	7.5	5.4	3.2	1.0	3.2	5.4	7.5
92.5°	19.6	17.7	16.7	17.3	18.6	19.9	21.2	22.5	21.2	19.9	18.6
95°	23.2	20.8	19.6	24.1	33.0	41.9	50.9	59.8	50.9	41.9	33.0
97.5°	64.7	75.8	81.3	84.4	90.5	96.6	102.7	108.8	102.7	96.6	90.5
100°	134.2	168.2	185.2	183.0	178.7	174.3	170.0	165.6	170.0	174.3	178.7
102.5°	186.2	224.1	243.0	241.6	238.7	235.9	233.0	230.2	233.0	235.9	238.7
105°	273.3	292.9	302.7	301.5	299.1	296.8	294.4	292.0	294.4	296.8	299.1
107.5°	371.3	368.0	366.4	365.4	363.5	361.5	359.6	357.6	359.6	361.5	363.5
110°	434.7	432.3	431.1	430.2	428.5	426.8	425.0	423.3	425.0	426.8	428.5

TEST NUMBER: P1010394

CATALOG NUMBER: S123DIP-B1000D1025UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	496.4	494.0	492.8	492.0	490.5	489.0	487.5	486.0	487.5	489.0	490.5
115°	556.5	554.6	553.6	552.9	551.6	550.3	549.0	547.7	549.0	550.3	551.6
117.5°	616.9	615.8	615.3	614.5	613.0	611.5	609.9	608.4	609.9	611.5	613.0
120°	674.1	673.4	673.1	672.1	670.2	668.2	666.3	664.3	666.3	668.2	670.2
122.5°	729.3	728.4	728.0	727.2	725.7	724.2	722.6	721.1	722.6	724.2	725.7
125°	781.2	780.3	779.9	779.0	777.3	775.6	773.8	772.1	773.8	775.6	777.3
127.5°	832.4	831.3	830.8	829.9	828.2	826.5	824.7	823.0	824.7	826.5	828.2
130°	879.2	878.3	877.9	877.0	875.3	873.5	871.8	870.0	871.8	873.5	875.3
132.5°	923.9	923.2	922.9	922.0	920.3	918.6	916.8	915.1	916.8	918.6	920.3
135°	968.3	967.4	967.0	966.4	965.1	963.8	962.5	961.2	962.5	963.8	965.1
137.5°	1008.8	1008.4	1008.2	1007.3	1005.6	1003.8	1002.1	1000.3	1002.1	1003.8	1005.6
140°	1046.4	1045.7	1045.4	1044.7	1043.4	1042.1	1040.8	1039.5	1040.8	1042.1	1043.4
142.5°	1082.7	1082.0	1081.7	1081.0	1079.7	1078.4	1077.1	1075.8	1077.1	1078.4	1079.7
145°	1116.6	1116.2	1116.0	1115.2	1113.7	1112.2	1110.6	1109.1	1110.6	1112.2	1113.7
147.5°	1147.0	1146.5	1146.3	1145.8	1144.7	1143.6	1142.5	1141.4	1142.5	1143.6	1144.7
150°	1174.4	1174.0	1173.8	1173.5	1172.8	1172.1	1171.5	1170.8	1171.5	1172.1	1172.8
152.5°	1198.6	1198.4	1198.3	1198.2	1198.0	1197.7	1197.5	1197.3	1197.5	1197.7	1198.0
155°	1220.1	1219.9	1219.8	1220.0	1220.5	1220.9	1221.4	1221.8	1221.4	1220.9	1220.5
157.5°	1241.1	1241.3	1241.4	1241.4	1241.4	1241.4	1241.4	1241.4	1241.4	1241.4	1241.4
160°	1257.7	1257.9	1258.0	1258.1	1258.3	1258.6	1258.8	1259.0	1258.8	1258.6	1258.3
162.5°	1272.4	1272.6	1272.7	1273.0	1273.7	1274.4	1275.0	1275.7	1275.0	1274.4	1273.7
165°	1285.2	1285.4	1285.5	1285.8	1286.5	1287.1	1287.8	1288.4	1287.8	1287.1	1286.5
167.5°	1295.3	1295.3	1295.3	1295.7	1296.6	1297.5	1298.3	1299.2	1298.3	1297.5	1296.6
170°	1304.1	1304.1	1304.1	1304.5	1305.4	1306.3	1307.1	1308.0	1307.1	1306.3	1305.4
172.5°	1309.3	1309.1	1309.0	1309.5	1310.6	1311.7	1312.8	1313.9	1312.8	1311.7	1310.6
175°	1314.2	1314.0	1313.9	1314.4	1315.5	1316.6	1317.7	1318.8	1317.7	1316.6	1315.5
177.5°	1316.1	1315.9	1315.8	1316.3	1317.4	1318.5	1319.6	1320.7	1319.6	1318.5	1317.4
180°	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8

TEST NUMBER: P1010394

CATALOG NUMBER: S123DIP-B1000D1025UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3
2.5°	1362.8	1361.5	1364.2	1356.1	1342.7	1336.0	1317.2	1313.2	1311.9	1313.2	1314.5
5°	1325.3	1323.9	1319.9	1306.5	1290.4	1278.3	1255.5	1254.2	1246.1	1238.1	1242.1
7.5°	1289.1	1283.7	1275.6	1258.2	1236.7	1223.3	1204.5	1191.1	1180.4	1173.7	1168.3
10°	1252.8	1244.8	1236.7	1213.9	1187.1	1167.0	1144.2	1133.5	1121.4	1116.0	1110.6
12.5°	1205.9	1197.8	1183.1	1156.3	1140.2	1114.7	1091.9	1081.1	1074.4	1063.7	1057.0
15°	1168.3	1152.2	1144.2	1116.0	1082.5	1079.8	1038.2	1035.5	1022.1	1022.1	1011.4
17.5°	1125.4	1113.3	1098.6	1070.4	1046.3	1022.1	1000.7	992.6	980.5	977.9	972.5
20°	1083.8	1067.7	1062.4	1034.2	1008.7	979.2	956.4	948.3	943.0	937.6	941.6
22.5°	1040.9	1027.5	1014.1	988.6	969.8	940.3	926.9	918.8	910.8	908.1	909.4
25°	999.3	987.2	973.8	948.3	928.2	904.1	892.0	888.0	884.0	884.0	882.6
27.5°	959.1	947.0	934.9	912.1	892.0	874.6	865.2	861.2	857.1	859.8	862.5
30°	917.5	906.8	896.0	875.9	859.8	843.7	838.4	835.7	834.3	841.0	841.0
32.5°	879.9	870.5	862.5	843.7	827.6	814.2	810.2	811.5	812.9	816.9	819.6
35°	841.0	834.3	826.3	810.2	796.8	784.7	786.0	786.0	788.7	795.4	800.8
37.5°	806.2	796.8	790.1	776.6	765.9	755.2	759.2	763.2	765.9	774.0	776.6
40°	764.6	760.6	755.2	741.8	732.4	731.0	732.4	735.1	740.4	744.5	748.5
42.5°	731.0	725.7	719.0	708.2	700.2	701.5	702.9	705.6	708.2	714.9	719.0
45°	693.5	689.5	684.1	674.7	668.0	669.3	670.7	670.7	673.4	681.4	684.1
47.5°	651.9	653.2	646.5	637.1	633.1	633.1	633.1	635.8	642.5	645.2	646.5
50°	611.7	609.0	607.6	598.2	595.6	594.2	595.6	596.9	606.3	605.0	609.0
52.5°	568.7	568.7	567.4	562.0	558.0	558.0	555.3	562.0	564.7	567.4	571.4
55°	527.2	523.1	521.8	519.1	513.7	512.4	515.1	523.1	525.8	528.5	532.5
57.5°	481.5	481.5	478.9	474.8	474.8	474.8	474.8	480.2	484.2	486.9	495.0
60°	440.0	434.6	430.6	430.6	430.6	429.2	437.3	437.3	445.3	446.7	449.4
62.5°	390.3	387.7	385.0	386.3	385.0	387.7	390.3	395.7	397.0	401.1	405.1
65°	343.4	343.4	340.7	348.8	343.4	343.4	350.1	350.1	352.8	356.8	362.2
67.5°	297.8	299.1	296.4	296.4	299.1	300.5	301.8	307.2	308.5	313.9	320.6
70°	250.8	253.5	254.9	252.2	254.9	257.5	260.2	261.6	266.9	269.6	273.6
72.5°	209.3	211.9	207.9	209.3	210.6	213.3	214.6	217.3	220.0	228.0	230.7
75°	167.7	166.3	165.0	170.4	167.7	173.0	174.4	174.4	177.1	183.8	186.4
77.5°	128.8	128.8	130.1	127.4	131.5	130.1	131.5	135.5	139.5	139.5	150.2
80°	89.9	92.6	92.6	92.6	93.9	95.2	92.6	99.3	100.6	100.6	104.6
82.5°	57.7	59.0	57.7	60.4	60.4	63.0	61.7	63.0	65.7	68.4	69.8
85°	30.9	30.9	33.5	33.5	32.2	33.5	32.2	33.5	36.2	36.2	37.6
87.5°	10.7	10.7	10.7	10.7	12.1	10.7	12.1	12.1	10.7	10.7	14.8
90°	9.7	10.8	12.2	15.0	17.9	20.7	23.5	24.4	25.2	26.1	27.0
92.5°	17.3	16.7	17.7	19.6	21.6	23.5	25.5	27.0	28.5	30.0	31.5
95°	24.1	19.6	20.8	23.2	25.6	28.0	30.4	31.9	33.4	34.9	36.4
97.5°	84.4	81.3	75.8	64.7	53.6	42.5	31.4	33.1	34.9	36.6	38.3
100°	183.0	185.2	168.2	134.2	100.3	66.3	32.3	34.1	35.8	37.6	39.3
102.5°	241.6	243.0	224.1	186.2	148.3	110.4	72.5	65.3	58.1	51.0	43.8
105°	301.5	302.7	292.9	273.3	253.8	234.2	214.6	176.1	137.5	99.0	60.5
107.5°	365.4	366.4	368.0	371.3	374.6	377.8	381.1	347.6	314.0	280.5	247.0
110°	430.2	431.1	432.3	434.7	437.1	439.5	441.9	434.7	427.5	420.3	413.1

TEST NUMBER: P1010394

CATALOG NUMBER: S123DIP-B1000D1025UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	492.0	492.8	494.0	496.4	498.8	501.2	503.6	505.6	507.5	509.5	511.4
115°	552.9	553.6	554.6	556.5	558.5	560.4	562.4	564.6	566.8	568.9	571.1
117.5°	614.5	615.3	615.8	616.9	618.0	619.1	620.2	621.9	623.7	625.4	627.1
120°	672.1	673.1	673.4	674.1	674.7	675.4	676.0	677.8	679.5	681.3	683.0
122.5°	727.2	728.0	728.4	729.3	730.2	731.0	731.9	733.0	734.1	735.2	736.3
125°	779.0	779.9	780.3	781.2	782.1	782.9	783.8	784.2	784.7	785.1	785.6
127.5°	829.9	830.8	831.3	832.4	833.5	834.6	835.7	836.4	837.0	837.7	838.4
130°	877.0	877.9	878.3	879.2	880.1	880.9	881.8	882.7	883.5	884.4	885.3
132.5°	922.0	922.9	923.2	923.9	924.6	925.2	925.9	926.8	927.6	928.5	929.4
135°	966.4	967.0	967.4	968.3	969.2	970.0	970.9	971.6	972.2	972.9	973.6
137.5°	1007.3	1008.2	1008.4	1008.8	1009.3	1009.7	1010.1	1011.2	1012.3	1013.4	1014.5
140°	1044.7	1045.4	1045.7	1046.4	1047.0	1047.7	1048.3	1049.2	1050.1	1051.0	1051.9
142.5°	1081.0	1081.7	1082.0	1082.7	1083.3	1084.0	1084.6	1085.2	1085.9	1086.5	1087.2
145°	1115.2	1116.0	1116.2	1116.6	1117.1	1117.5	1117.9	1118.3	1118.8	1119.2	1119.7
147.5°	1145.8	1146.3	1146.5	1147.0	1147.4	1147.9	1148.3	1148.7	1149.1	1149.6	1150.0
150°	1173.5	1173.8	1174.0	1174.4	1174.9	1175.3	1175.7	1176.1	1176.6	1177.0	1177.5
152.5°	1198.2	1198.3	1198.4	1198.6	1198.8	1199.0	1199.2	1200.1	1201.0	1201.9	1202.8
155°	1220.0	1219.8	1219.9	1220.1	1220.4	1220.6	1220.8	1221.9	1223.0	1224.1	1225.2
157.5°	1241.4	1241.4	1241.3	1241.1	1240.8	1240.6	1240.4	1241.7	1243.0	1244.3	1245.6
160°	1258.1	1258.0	1257.9	1257.7	1257.4	1257.2	1257.0	1258.3	1259.6	1260.9	1262.2
162.5°	1273.0	1272.7	1272.6	1272.4	1272.1	1271.9	1271.7	1273.2	1274.8	1276.3	1277.8
165°	1285.8	1285.5	1285.4	1285.2	1284.9	1284.7	1284.5	1286.2	1288.0	1289.7	1291.4
167.5°	1295.7	1295.3	1295.3	1295.3	1295.3	1295.3	1295.3	1297.0	1298.8	1300.5	1302.2
170°	1304.5	1304.1	1304.1	1304.1	1304.1	1304.1	1304.1	1305.8	1307.6	1309.3	1311.0
172.5°	1309.5	1309.0	1309.1	1309.3	1309.5	1309.7	1309.9	1311.7	1313.4	1315.2	1316.9
175°	1314.4	1313.9	1314.0	1314.2	1314.4	1314.6	1314.8	1316.3	1317.9	1319.4	1320.9
177.5°	1316.3	1315.8	1315.9	1316.1	1316.4	1316.6	1316.8	1318.5	1320.3	1322.0	1323.7
180°	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8

TEST NUMBER: P1010394

CATALOG NUMBER: S123DIP-B1000D1025UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3
2.5°	1313.2	1314.5	1309.2	1305.1	1315.9	1309.2	1309.2	1310.5	1307.8	1311.9	1310.5
5°	1239.4	1240.8	1231.4	1234.1	1228.7	1227.3	1226.0	1234.1	1232.7	1231.4	1234.1
7.5°	1167.0	1167.0	1163.0	1160.3	1160.3	1156.3	1161.6	1160.3	1163.0	1163.0	1167.0
10°	1106.6	1109.3	1102.6	1095.9	1094.6	1095.9	1095.9	1097.2	1098.6	1108.0	1106.6
12.5°	1057.0	1053.0	1051.6	1047.6	1040.9	1038.2	1035.5	1050.3	1046.3	1046.3	1046.3
15°	1002.0	1011.4	1010.0	998.0	995.3	1000.7	998.0	998.0	1011.4	1010.0	1008.7
17.5°	972.5	969.8	967.1	960.4	961.8	960.4	961.8	961.8	969.8	969.8	969.8
20°	939.0	933.6	933.6	930.9	930.9	926.9	932.2	933.6	939.0	939.0	940.3
22.5°	909.4	905.4	905.4	904.1	906.8	901.4	906.8	908.1	908.1	912.1	912.1
25°	884.0	881.3	881.3	884.0	884.0	884.0	884.0	889.3	885.3	886.6	885.3
27.5°	861.2	862.5	863.8	865.2	863.8	865.2	866.5	869.2	870.5	869.2	866.5
30°	839.7	843.7	845.1	845.1	847.7	849.1	850.4	850.4	851.8	847.7	850.4
32.5°	823.6	823.6	826.3	827.6	830.3	831.6	831.6	834.3	833.0	829.0	830.3
35°	800.8	800.8	806.2	808.8	812.9	811.5	812.9	812.9	814.2	811.5	807.5
37.5°	778.0	780.7	780.7	786.0	787.4	788.7	787.4	790.1	788.7	786.0	784.7
40°	751.2	749.8	751.2	755.2	756.5	756.5	756.5	759.2	759.2	759.2	757.9
42.5°	717.6	721.7	720.3	724.3	723.0	723.0	725.7	728.4	729.7	725.7	727.0
45°	685.4	685.4	688.1	688.1	689.5	689.5	694.8	692.1	694.8	692.1	693.5
47.5°	650.6	651.9	651.9	653.2	655.9	658.6	655.9	657.3	657.3	658.6	655.9
50°	611.7	611.7	614.3	618.4	623.7	621.1	619.7	625.1	621.1	621.1	618.4
52.5°	571.4	575.4	576.8	580.8	584.8	586.2	587.5	584.8	586.2	582.2	583.5
55°	532.5	533.9	539.2	543.3	547.3	547.3	545.9	547.3	548.6	543.3	543.3
57.5°	493.6	497.6	503.0	503.0	508.4	508.4	507.0	507.0	508.4	504.4	503.0
60°	452.0	456.1	462.8	462.8	470.8	472.2	469.5	466.8	466.8	462.8	464.1
62.5°	407.8	411.8	415.8	422.5	427.9	425.2	430.6	425.2	426.6	418.5	418.5
65°	368.9	370.2	376.9	383.6	383.6	386.3	383.6	385.0	380.9	380.9	375.6
67.5°	323.3	323.3	330.0	336.7	343.4	343.4	343.4	339.4	339.4	335.3	335.3
70°	283.0	281.7	288.4	292.4	296.4	297.8	295.1	293.8	291.1	287.1	285.7
72.5°	233.4	236.1	242.8	245.5	252.2	250.8	257.5	249.5	249.5	242.8	241.4
75°	189.1	191.8	198.5	202.5	206.6	206.6	210.6	206.6	201.2	198.5	197.2
77.5°	150.2	148.9	154.3	161.0	162.3	161.0	163.6	162.3	156.9	156.9	154.3
80°	107.3	111.3	116.7	115.4	120.7	119.4	119.4	116.7	116.7	112.7	115.4
82.5°	71.1	75.1	76.5	75.1	76.5	79.1	80.5	79.1	79.1	76.5	77.8
85°	37.6	37.6	40.2	41.6	40.2	40.2	41.6	45.6	42.9	40.2	42.9
87.5°	12.1	10.7	10.7	12.1	10.7	10.7	12.1	12.1	13.4	13.4	13.4
90°	27.4	27.6	28.1	28.5	29.0	29.4	29.0	28.5	28.1	27.6	27.4
92.5°	32.3	32.4	32.6	32.9	33.1	33.3	33.1	32.9	32.6	32.4	32.3
95°	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
97.5°	39.2	39.3	39.5	39.8	40.0	40.2	40.0	39.8	39.5	39.3	39.2
100°	40.2	40.3	40.5	40.8	41.0	41.2	41.0	40.8	40.5	40.3	40.2
102.5°	40.2	40.4	40.8	41.3	41.7	42.1	41.7	41.3	40.8	40.4	40.2
105°	41.2	41.4	41.8	42.3	42.7	43.1	42.7	42.3	41.8	41.4	41.2
107.5°	230.2	215.9	187.4	158.9	130.4	101.9	130.4	158.9	187.4	215.9	230.2
110°	409.5	393.9	362.8	331.7	300.5	269.4	300.5	331.7	362.8	393.9	409.5

TEST NUMBER: P1010394

CATALOG NUMBER: S123DIP-B1000D1025UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	512.4	512.2	511.8	511.3	510.9	510.5	510.9	511.3	511.8	512.2	512.4
115°	572.2	572.6	573.5	574.4	575.2	576.1	575.2	574.4	573.5	572.6	572.2
117.5°	628.0	628.1	628.3	628.6	628.8	629.0	628.8	628.6	628.3	628.1	628.0
120°	683.9	683.9	683.9	683.9	683.9	683.9	683.9	683.9	683.9	683.9	683.9
122.5°	736.8	736.9	737.1	737.4	737.6	737.8	737.6	737.4	737.1	736.9	736.8
125°	785.8	786.0	786.4	786.9	787.3	787.7	787.3	786.9	786.4	786.0	785.8
127.5°	838.7	838.5	838.0	837.6	837.1	836.7	837.1	837.6	838.0	838.5	838.7
130°	885.7	885.5	885.0	884.6	884.1	883.7	884.1	884.6	885.0	885.5	885.7
132.5°	929.8	929.5	928.8	928.2	927.5	926.9	927.5	928.2	928.8	929.5	929.8
135°	973.9	973.6	972.9	972.2	971.6	970.9	971.6	972.2	972.9	973.6	973.9
137.5°	1015.0	1014.8	1014.4	1013.9	1013.5	1013.1	1013.5	1013.9	1014.4	1014.8	1015.0
140°	1052.3	1052.1	1051.6	1051.2	1050.7	1050.3	1050.7	1051.2	1051.6	1052.1	1052.3
142.5°	1087.5	1087.2	1086.5	1085.9	1085.2	1084.6	1085.2	1085.9	1086.5	1087.2	1087.5
145°	1119.9	1119.9	1119.9	1119.9	1119.9	1119.9	1119.9	1119.9	1119.9	1119.9	1119.9
147.5°	1150.2	1149.7	1148.6	1147.5	1146.4	1145.3	1146.4	1147.5	1148.6	1149.7	1150.2
150°	1177.7	1177.4	1176.7	1176.0	1175.4	1174.7	1175.4	1176.0	1176.7	1177.4	1177.7
152.5°	1203.2	1202.7	1201.6	1200.5	1199.4	1198.3	1199.4	1200.5	1201.6	1202.7	1203.2
155°	1225.7	1225.0	1223.7	1222.4	1221.1	1219.8	1221.1	1222.4	1223.7	1225.0	1225.7
157.5°	1246.3	1245.4	1243.7	1241.9	1240.2	1238.4	1240.2	1241.9	1243.7	1245.4	1246.3
160°	1262.9	1262.1	1260.6	1259.1	1257.6	1256.1	1257.6	1259.1	1260.6	1262.1	1262.9
162.5°	1278.6	1277.9	1276.6	1275.3	1274.0	1272.7	1274.0	1275.3	1276.6	1277.9	1278.6
165°	1292.3	1291.5	1290.0	1288.5	1287.0	1285.5	1287.0	1288.5	1290.0	1291.5	1292.3
167.5°	1303.1	1302.2	1300.5	1298.8	1297.0	1295.3	1297.0	1298.8	1300.5	1302.2	1303.1
170°	1311.9	1311.0	1309.3	1307.6	1305.8	1304.1	1305.8	1307.6	1309.3	1311.0	1311.9
172.5°	1317.8	1316.8	1314.9	1312.9	1311.0	1309.0	1311.0	1312.9	1314.9	1316.8	1317.8
175°	1321.7	1320.8	1319.1	1317.4	1315.6	1313.9	1315.6	1317.4	1319.1	1320.8	1321.7
177.5°	1324.6	1323.5	1321.3	1319.2	1317.0	1314.8	1317.0	1319.2	1321.3	1323.5	1324.6
180°	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8

TEST NUMBER: P1010394

CATALOG NUMBER: S123DIP-B1000D1025UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3
2.5°	1314.5	1317.2	1318.6	1313.2	1309.2	1315.9	1325.3	1332.0	1337.3	1344.0	1348.1
5°	1236.7	1246.1	1246.1	1248.8	1252.8	1259.5	1277.0	1289.1	1299.8	1307.8	1314.5
7.5°	1171.0	1177.7	1181.7	1188.4	1195.2	1204.5	1224.7	1242.1	1258.2	1267.6	1278.3
10°	1112.0	1117.4	1124.1	1128.1	1140.2	1153.6	1179.1	1193.8	1212.6	1227.3	1240.8
12.5°	1055.7	1074.4	1078.5	1077.1	1087.8	1102.6	1128.1	1150.9	1171.0	1185.8	1200.5
15°	1015.4	1022.1	1030.2	1028.8	1051.6	1055.7	1077.1	1103.9	1130.8	1140.2	1153.6
17.5°	971.1	981.9	989.9	994.0	1000.7	1015.4	1035.5	1055.7	1090.5	1091.9	1126.7
20°	936.3	947.0	952.4	957.7	961.8	979.2	996.6	1019.4	1047.6	1062.4	1081.1
22.5°	913.5	918.8	922.9	926.9	932.2	941.6	963.1	988.6	1007.4	1023.5	1035.5
25°	886.6	892.0	897.4	900.1	904.1	909.4	925.5	945.7	972.5	983.2	995.3
27.5°	867.9	867.9	870.5	870.5	875.9	881.3	893.3	912.1	933.6	947.0	963.1
30°	847.7	846.4	847.7	846.4	845.1	853.1	863.8	879.9	894.7	910.8	921.5
32.5°	827.6	826.3	826.3	827.6	822.3	826.3	831.6	846.4	862.5	870.5	882.6
35°	806.2	803.5	803.5	803.5	800.8	798.1	803.5	816.9	827.6	838.4	847.7
37.5°	784.7	780.7	780.7	778.0	775.3	771.3	771.3	782.0	796.8	800.8	812.9
40°	755.2	755.2	752.5	751.2	748.5	745.8	741.8	751.2	764.6	768.6	778.0
42.5°	725.7	721.7	720.3	720.3	720.3	716.3	713.6	720.3	728.4	735.1	740.4
45°	692.1	689.5	690.8	689.5	686.8	685.4	684.1	686.8	696.2	698.9	705.6
47.5°	655.9	654.6	654.6	653.2	651.9	653.2	647.9	654.6	657.3	660.0	665.3
50°	618.4	617.0	615.7	614.3	614.3	615.7	614.3	614.3	619.7	622.4	627.8
52.5°	580.8	576.8	576.8	575.4	575.4	572.8	575.4	576.8	579.5	582.2	584.8
55°	540.6	540.6	536.5	536.5	533.9	533.9	535.2	533.9	539.2	541.9	541.9
57.5°	501.7	496.3	497.6	495.0	492.3	490.9	490.9	493.6	496.3	496.3	499.0
60°	460.1	454.7	453.4	448.0	450.7	446.7	448.0	448.0	453.4	450.7	453.4
62.5°	418.5	411.8	407.8	405.1	405.1	406.4	403.8	402.4	405.1	407.8	413.1
65°	374.2	370.2	366.2	362.2	362.2	360.8	363.5	359.5	358.1	359.5	362.2
67.5°	328.6	324.6	320.6	316.6	317.9	313.9	311.2	315.2	312.5	313.9	316.6
70°	284.4	281.7	273.6	271.0	269.6	271.0	269.6	266.9	271.0	269.6	271.0
72.5°	240.1	237.4	233.4	226.7	226.7	225.3	224.0	224.0	222.7	222.7	222.7
75°	197.2	191.8	187.8	186.4	183.8	182.4	181.1	178.4	179.7	181.1	178.4
77.5°	152.9	146.2	144.9	144.9	140.8	140.8	142.2	140.8	139.5	139.5	139.5
80°	112.7	107.3	107.3	104.6	101.9	101.9	101.9	101.9	100.6	99.3	100.6
82.5°	72.4	71.1	69.8	69.8	72.4	67.1	69.8	68.4	67.1	67.1	65.7
85°	40.2	41.6	40.2	41.6	38.9	40.2	40.2	40.2	38.9	40.2	37.6
87.5°	14.8	14.8	14.8	16.1	16.1	16.1	16.1	16.1	17.4	16.1	16.1
90°	27.0	26.1	25.2	24.4	23.5	20.7	17.9	15.0	12.2	10.8	9.7
92.5°	31.5	30.0	28.5	27.0	25.5	23.5	21.6	19.6	17.7	16.7	17.3
95°	36.4	34.9	33.4	31.9	30.4	28.0	25.6	23.2	20.8	19.6	24.1
97.5°	38.3	36.6	34.9	33.1	31.4	42.5	53.6	64.7	75.8	81.3	84.4
100°	39.3	37.6	35.8	34.1	32.3	66.3	100.3	134.2	168.2	185.2	183.0
102.5°	43.8	51.0	58.1	65.3	72.5	110.4	148.3	186.2	224.1	243.0	241.6
105°	60.5	99.0	137.5	176.1	214.6	234.2	253.8	273.3	292.9	302.7	301.5
107.5°	247.0	280.5	314.0	347.6	381.1	377.8	374.6	371.3	368.0	366.4	365.4
110°	413.1	420.3	427.5	434.7	441.9	439.5	437.1	434.7	432.3	431.1	430.2

TEST NUMBER: P1010394

CATALOG NUMBER: S123DIP-B1000D1025UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	511.4	509.5	507.5	505.6	503.6	501.2	498.8	496.4	494.0	492.8	492.0
115°	571.1	568.9	566.8	564.6	562.4	560.4	558.5	556.5	554.6	553.6	552.9
117.5°	627.1	625.4	623.7	621.9	620.2	619.1	618.0	616.9	615.8	615.3	614.5
120°	683.0	681.3	679.5	677.8	676.0	675.4	674.7	674.1	673.4	673.1	672.1
122.5°	736.3	735.2	734.1	733.0	731.9	731.0	730.2	729.3	728.4	728.0	727.2
125°	785.6	785.1	784.7	784.2	783.8	782.9	782.1	781.2	780.3	779.9	779.0
127.5°	838.4	837.7	837.0	836.4	835.7	834.6	833.5	832.4	831.3	830.8	829.9
130°	885.3	884.4	883.5	882.7	881.8	880.9	880.1	879.2	878.3	877.9	877.0
132.5°	929.4	928.5	927.6	926.8	925.9	925.2	924.6	923.9	923.2	922.9	922.0
135°	973.6	972.9	972.2	971.6	970.9	970.0	969.2	968.3	967.4	967.0	966.4
137.5°	1014.5	1013.4	1012.3	1011.2	1010.1	1009.7	1009.3	1008.8	1008.4	1008.2	1007.3
140°	1051.9	1051.0	1050.1	1049.2	1048.3	1047.7	1047.0	1046.4	1045.7	1045.4	1044.7
142.5°	1087.2	1086.5	1085.9	1085.2	1084.6	1084.0	1083.3	1082.7	1082.0	1081.7	1081.0
145°	1119.7	1119.2	1118.8	1118.3	1117.9	1117.5	1117.1	1116.6	1116.2	1116.0	1115.2
147.5°	1150.0	1149.6	1149.1	1148.7	1148.3	1147.9	1147.4	1147.0	1146.5	1146.3	1145.8
150°	1177.5	1177.0	1176.6	1176.1	1175.7	1175.3	1174.9	1174.4	1174.0	1173.8	1173.5
152.5°	1202.8	1201.9	1201.0	1200.1	1199.2	1199.0	1198.8	1198.6	1198.4	1198.3	1198.2
155°	1225.2	1224.1	1223.0	1221.9	1220.8	1220.6	1220.4	1220.1	1219.9	1219.8	1220.0
157.5°	1245.6	1244.3	1243.0	1241.7	1240.4	1240.6	1240.8	1241.1	1241.3	1241.4	1241.4
160°	1262.2	1260.9	1259.6	1258.3	1257.0	1257.2	1257.4	1257.7	1257.9	1258.0	1258.1
162.5°	1277.8	1276.3	1274.8	1273.2	1271.7	1271.9	1272.1	1272.4	1272.6	1272.7	1273.0
165°	1291.4	1289.7	1288.0	1286.2	1284.5	1284.7	1284.9	1285.2	1285.4	1285.5	1285.8
167.5°	1302.2	1300.5	1298.8	1297.0	1295.3	1295.3	1295.3	1295.3	1295.3	1295.3	1295.7
170°	1311.0	1309.3	1307.6	1305.8	1304.1	1304.1	1304.1	1304.1	1304.1	1304.1	1304.5
172.5°	1316.9	1315.2	1313.4	1311.7	1309.9	1309.7	1309.5	1309.3	1309.1	1309.0	1309.5
175°	1320.9	1319.4	1317.9	1316.3	1314.8	1314.6	1314.4	1314.2	1314.0	1313.9	1314.4
177.5°	1323.7	1322.0	1320.3	1318.5	1316.8	1316.6	1316.4	1316.1	1315.9	1315.8	1316.3
180°	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8

TEST NUMBER: P1010394

CATALOG NUMBER: S123DIP-B1000D1025UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1384.3	1384.3	1384.3	1384.3
2.5°	1354.8	1358.8	1372.2	1388.3
5°	1327.9	1338.7	1357.5	1382.9
7.5°	1298.4	1314.5	1341.4	1373.6
10°	1264.9	1287.7	1321.2	1361.5
12.5°	1228.7	1258.2	1301.1	1342.7
15°	1205.9	1235.4	1274.3	1319.9
17.5°	1161.6	1196.5	1236.7	1301.1
20°	1116.0	1154.9	1207.2	1271.6
22.5°	1081.1	1122.7	1172.4	1240.8
25°	1039.6	1082.5	1136.1	1207.2
27.5°	995.3	1038.2	1098.6	1173.7
30°	961.8	1003.3	1061.0	1141.5
32.5°	921.5	961.8	1022.1	1106.6
35°	875.9	921.5	979.2	1065.0
37.5°	841.0	882.6	943.0	1024.8
40°	803.5	839.7	898.7	979.2
42.5°	763.2	803.5	854.4	934.9
45°	725.7	755.2	807.5	884.0
47.5°	685.4	719.0	759.2	818.2
50°	642.5	670.7	714.9	755.2
52.5°	600.9	623.7	661.3	692.1
55°	556.7	579.5	607.6	626.4
57.5°	515.1	531.2	550.0	562.0
60°	464.1	480.2	492.3	504.4
62.5°	418.5	430.6	437.3	444.0
65°	371.6	378.3	382.3	387.7
67.5°	320.6	327.3	328.6	336.7
70°	273.6	275.0	277.7	281.7
72.5°	229.4	232.1	230.7	233.4
75°	183.8	186.4	183.8	186.4
77.5°	139.5	142.2	142.2	146.2
80°	100.6	101.9	103.3	103.3
82.5°	65.7	69.8	67.1	68.4
85°	37.6	38.9	38.9	40.2
87.5°	17.4	18.8	17.4	20.1
90°	7.5	5.4	3.2	1.0
92.5°	18.6	19.9	21.2	22.5
95°	33.0	41.9	50.9	59.8
97.5°	90.5	96.6	102.7	108.8
100°	178.7	174.3	170.0	165.6
102.5°	238.7	235.9	233.0	230.2
105°	299.1	296.8	294.4	292.0
107.5°	363.5	361.5	359.6	357.6
110°	428.5	426.8	425.0	423.3

TEST NUMBER: P1010394

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	490.5	489.0	487.5	486.0
115°	551.6	550.3	549.0	547.7
117.5°	613.0	611.5	609.9	608.4
120°	670.2	668.2	666.3	664.3
122.5°	725.7	724.2	722.6	721.1
125°	777.3	775.6	773.8	772.1
127.5°	828.2	826.5	824.7	823.0
130°	875.3	873.5	871.8	870.0
132.5°	920.3	918.6	916.8	915.1
135°	965.1	963.8	962.5	961.2
137.5°	1005.6	1003.8	1002.1	1000.3
140°	1043.4	1042.1	1040.8	1039.5
142.5°	1079.7	1078.4	1077.1	1075.8
145°	1113.7	1112.2	1110.6	1109.1
147.5°	1144.7	1143.6	1142.5	1141.4
150°	1172.8	1172.1	1171.5	1170.8
152.5°	1198.0	1197.7	1197.5	1197.3
155°	1220.5	1220.9	1221.4	1221.8
157.5°	1241.4	1241.4	1241.4	1241.4
160°	1258.3	1258.6	1258.8	1259.0
162.5°	1273.7	1274.4	1275.0	1275.7
165°	1286.5	1287.1	1287.8	1288.4
167.5°	1296.6	1297.5	1298.3	1299.2
170°	1305.4	1306.3	1307.1	1308.0
172.5°	1310.6	1311.7	1312.8	1313.9
175°	1315.5	1316.6	1317.7	1318.8
177.5°	1317.4	1318.5	1319.6	1320.7
180°	1318.8	1318.8	1318.8	1318.8

(END OF REPORT)