

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: P1029156

Luminaire Tested: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A1_3500K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029156
REPORT IS A COMBINATION OF REPORTS P985029 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A1_3500K
Description: Define 2 Direct/Indirect Wall Mount with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

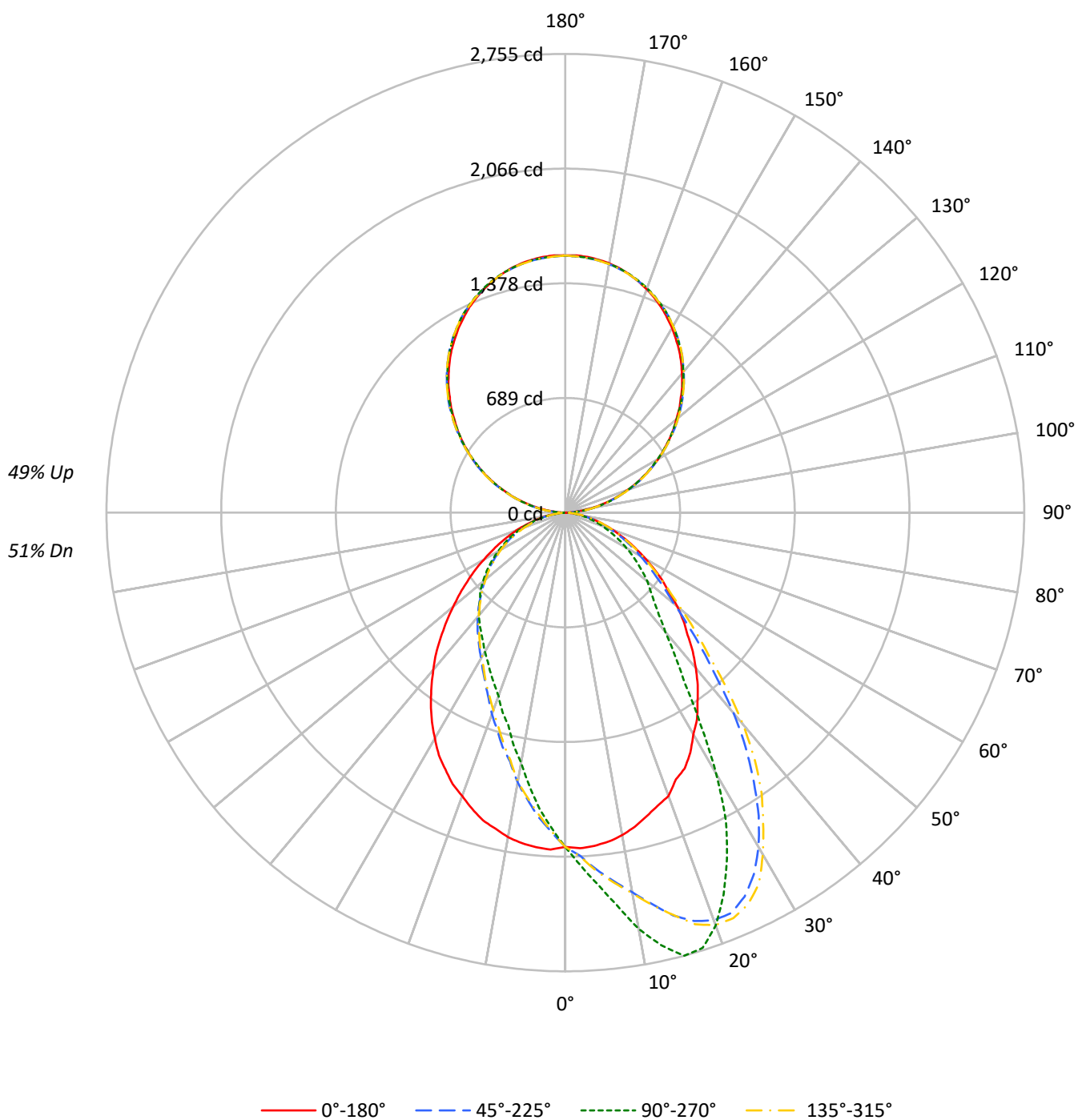
Lumens per Lamp: N/A
Luminaire Lumens: 8749.0 lumens
Efficiency: N/A
Efficacy: 84.6 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 103.4
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1029156

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A1_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1029156

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A1_3500K

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	31769	31769	31769	31769
5°	31845	33874	31967	26949
10°	31476	36978	31673	22219
15°	30711	39004	31139	18715
20°	30233	36622	30233	16267
25°	29270	31461	29403	14546
30°	27685	24732	28213	13176
35°	26279	17101	26719	12055
40°	24665	12912	24947	11162
45°	22674	10611	23046	10198
50°	20953	9313	20991	9335
55°	18991	7935	19113	8399
60°	16899	6629	17133	7330
65°	15027	5391	15300	6259
70°	13161	4230	13494	5049
75°	11048	3070	11479	3662
80°	8622	1947	9237	2174
85°	5664	981	6102	727

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 32840 cd/sqm

TEST NUMBER: P1029156

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A1_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	191.2	2.2
10°-20°	556.4	6.4
20°-30°	807.5	9.2
30°-40°	851.2	9.7
40°-50°	753.3	8.6
50°-60°	601.5	6.9
60°-70°	408.5	4.7
70°-80°	209.0	2.4
80°-90°	53.8	0.6
90°-100°	95.5	1.1
100°-110°	303.6	3.5
110°-120°	519.5	5.9
120°-130°	683.3	7.8
130°-140°	767.0	8.8
140°-150°	752.1	8.6
150°-160°	630.9	7.2
160°-170°	418.4	4.8
170°-180°	146.2	1.7
0°-30°	1555.0	17.8
0°-40°	2406.3	27.5
0°-60°	3761.0	43.0
0°-90°	4432.4	50.7
90°-120°	918.7	10.5
90°-150°	3121.1	35.7
90°-180°	4317.0	49.3
0°-180°	8749.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2007	2007	2007	2007	2007	
5°	2008	2242	2016	1783	2008	190
15°	1887	2755	1913	1322	1887	533
25°	1695	2295	1703	1061	1695	775
35°	1384	1250	1407	881	1384	866
45°	1038	753	1055	724	1038	805
55°	713	529	717	560	713	636
65°	423	326	430	378	423	420
75°	198	160	205	191	198	212
85°	40	42	43	31	40	47
90°	1	44	1	44	1	7
95°	68	81	68	81	68	76
105°	280	289	280	289	280	296
115°	521	521	521	521	521	516
125°	758	761	758	761	758	678
135°	981	993	981	993	981	758
145°	1191	1204	1191	1204	1191	744
155°	1362	1372	1362	1372	1362	627
165°	1481	1483	1481	1483	1481	418
175°	1541	1536	1541	1536	1541	146
180°	1544	1544	1544	1544	1544	

TEST NUMBER: P1029156

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	2017.8	2022.4	2030.1	2031.7	2047.1	2059.4	2073.3	2073.3	2077.9	2076.4	2064.1
5°	2008.5	2022.4	2042.5	2059.4	2087.2	2099.5	2118.0	2131.9	2144.3	2153.5	2152.0
7.5°	1993.1	2017.8	2047.1	2079.5	2116.5	2138.1	2164.3	2189.0	2206.0	2221.4	2232.2
10°	1966.9	2008.5	2048.6	2091.8	2139.6	2169.0	2199.8	2232.2	2258.4	2287.7	2315.5
12.5°	1931.4	1991.5	2040.9	2098.0	2156.6	2189.0	2238.4	2263.1	2314.0	2388.0	2408.1
15°	1886.6	1968.4	2014.7	2087.2	2164.3	2190.6	2258.4	2298.5	2403.4	2449.7	2505.2
17.5°	1845.0	1936.0	1997.7	2081.0	2156.6	2207.5	2273.9	2355.6	2443.5	2509.9	2571.6
20°	1811.1	1899.0	1973.0	2065.6	2161.2	2226.0	2295.4	2394.2	2489.8	2557.7	2605.5
22.5°	1733.9	1846.5	1932.9	2036.3	2152.0	2241.5	2307.8	2415.8	2519.1	2560.8	2602.4
25°	1695.4	1792.5	1892.8	2010.1	2145.8	2252.3	2309.3	2429.7	2520.7	2536.1	2545.4
27.5°	1624.4	1733.9	1851.2	1985.4	2144.3	2233.7	2306.2	2415.8	2488.3	2477.5	2449.7
30°	1536.5	1670.7	1800.3	1945.3	2122.7	2219.9	2287.7	2388.0	2425.0	2369.5	2320.1
32.5°	1471.7	1598.2	1741.6	1909.8	2098.0	2190.6	2256.9	2335.6	2343.3	2243.0	2159.7
35°	1383.7	1524.1	1686.1	1863.5	2056.3	2139.6	2201.3	2249.2	2212.1	2071.8	1973.0
37.5°	1305.1	1443.9	1616.7	1797.2	1999.3	2081.0	2130.4	2138.1	2047.1	1923.7	1778.7
40°	1218.7	1362.2	1542.6	1732.4	1936.0	2007.0	2037.8	2014.7	1883.6	1740.1	1572.0
42.5°	1132.3	1274.2	1468.6	1663.0	1855.8	1916.0	1928.3	1865.1	1704.6	1536.5	1342.1
45°	1038.2	1186.3	1380.7	1576.6	1763.2	1797.2	1798.7	1707.7	1518.0	1342.1	1161.6
47.5°	961.1	1098.4	1291.2	1487.1	1644.5	1667.6	1658.3	1553.4	1346.7	1149.3	991.9
50°	876.2	1007.3	1198.6	1391.5	1525.7	1531.8	1508.7	1359.1	1157.0	976.5	851.5
52.5°	785.2	917.9	1093.7	1278.8	1399.2	1389.9	1345.2	1184.7	995.0	845.4	749.7
55°	712.7	829.9	995.0	1175.5	1260.3	1234.1	1184.7	1021.2	871.6	745.1	661.8
57.5°	632.5	735.8	897.8	1055.2	1104.5	1079.8	1030.5	877.8	738.9	643.3	587.7
60°	556.9	651.0	792.9	924.0	962.6	936.4	879.3	742.0	641.7	561.5	519.9
62.5°	487.5	569.2	688.0	808.3	823.8	797.5	748.2	637.1	550.7	487.5	456.6
65°	422.7	499.8	595.5	686.5	700.4	672.6	621.7	541.5	469.0	428.9	399.5
67.5°	359.4	421.1	506.0	572.3	580.0	553.8	512.2	447.4	402.6	359.4	337.8
70°	303.9	350.2	416.5	470.5	473.6	448.9	427.3	368.7	334.8	303.9	286.9
72.5°	249.9	282.3	333.2	373.3	374.9	359.4	339.4	302.4	273.0	251.5	234.5
75°	197.5	225.2	256.1	291.6	290.0	277.7	262.2	239.1	214.4	200.5	192.8
77.5°	151.2	168.1	192.8	216.0	216.0	209.8	200.5	183.6	168.1	154.3	146.6
80°	108.0	118.8	138.8	146.6	149.6	148.1	140.4	128.0	121.9	111.1	108.0
82.5°	69.4	77.1	86.4	94.1	98.7	95.6	94.1	87.9	78.7	75.6	72.5
85°	40.1	43.2	47.8	52.4	54.0	52.4	55.5	50.9	46.3	46.3	44.7
87.5°	17.0	18.5	21.6	21.6	23.1	23.1	21.6	23.1	23.1	21.6	20.1
90°	1.3	4.8	8.2	11.7	15.2	16.9	20.1	26.5	32.8	39.2	45.6
92.5°	28.7	31.0	33.3	35.6	37.9	39.1	39.2	39.5	39.8	40.1	40.4
95°	67.8	70.7	73.6	76.5	79.4	80.8	81.1	81.7	82.2	82.8	83.4
97.5°	113.4	116.0	118.6	121.2	123.8	125.1	125.7	126.8	128.0	129.1	130.3
100°	165.5	167.8	170.1	172.4	174.7	175.9	176.3	177.2	178.1	178.9	179.8
102.5°	220.2	221.9	223.7	225.4	227.1	228.0	228.6	229.7	230.9	232.0	233.2
105°	280.1	281.0	281.8	282.7	283.6	284.0	284.3	284.9	285.4	286.0	286.6
107.5°	340.1	341.3	342.4	343.6	344.7	345.3	345.3	345.3	345.3	345.3	345.3
110°	397.4	399.1	400.9	402.6	404.3	405.2	405.2	405.2	405.2	405.2	405.2

TEST NUMBER: P1029156

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	459.9	461.6	463.4	465.1	466.8	467.7	467.6	467.3	467.0	466.7	466.4
115°	521.2	522.9	524.7	526.4	528.1	529.0	528.7	528.1	527.6	527.0	526.4
117.5°	582.4	584.7	587.0	589.3	591.6	592.8	592.1	590.6	589.2	587.7	586.3
120°	643.6	645.9	648.3	650.6	652.9	654.1	652.9	650.6	648.3	645.9	643.6
122.5°	699.7	702.6	705.5	708.4	711.3	712.7	712.0	710.5	709.1	707.6	706.2
125°	758.3	760.9	763.5	766.1	768.7	770.0	769.6	768.7	767.8	767.0	766.1
127.5°	815.6	818.8	822.0	825.2	828.4	830.0	829.4	828.2	827.1	825.9	824.7
130°	869.0	872.8	876.6	880.3	884.1	886.0	885.7	885.1	884.6	884.0	883.4
132.5°	929.0	931.9	934.8	937.7	940.6	942.0	942.1	942.4	942.7	943.0	943.3
135°	981.1	984.3	987.5	990.6	993.8	995.4	995.7	996.3	996.8	997.4	998.0
137.5°	1038.4	1041.0	1043.6	1046.3	1048.9	1050.2	1050.5	1051.1	1051.6	1052.2	1052.8
140°	1089.2	1091.8	1094.4	1097.1	1099.7	1101.0	1101.7	1103.2	1104.6	1106.1	1107.5
142.5°	1141.4	1144.0	1146.6	1149.2	1151.8	1153.1	1153.5	1154.4	1155.3	1156.1	1157.0
145°	1190.9	1192.9	1194.9	1197.0	1199.0	1200.0	1200.9	1202.6	1204.3	1206.1	1207.8
147.5°	1235.2	1237.8	1240.4	1243.0	1245.6	1246.9	1247.5	1248.6	1249.8	1250.9	1252.1
150°	1280.8	1282.5	1284.3	1286.0	1287.7	1288.6	1289.2	1290.3	1291.5	1292.6	1293.8
152.5°	1321.2	1322.9	1324.7	1326.4	1328.1	1329.0	1329.7	1331.2	1332.6	1334.1	1335.5
155°	1361.5	1362.4	1363.3	1364.2	1365.1	1365.5	1365.9	1366.8	1367.7	1368.5	1369.4
157.5°	1396.7	1397.3	1397.9	1398.4	1399.0	1399.3	1399.6	1400.2	1400.7	1401.3	1401.9
160°	1428.0	1428.6	1429.2	1429.7	1430.3	1430.6	1430.7	1431.0	1431.3	1431.6	1431.9
162.5°	1456.7	1456.7	1456.7	1456.7	1456.7	1456.7	1456.8	1457.1	1457.4	1457.7	1458.0
165°	1481.4	1481.1	1480.8	1480.5	1480.2	1480.1	1480.1	1480.1	1480.1	1480.1	1480.1
167.5°	1503.6	1502.7	1501.9	1501.0	1500.1	1499.7	1499.7	1499.7	1499.7	1499.7	1499.7
170°	1520.5	1519.6	1518.8	1517.9	1517.0	1516.6	1516.5	1516.2	1515.9	1515.6	1515.3
172.5°	1532.2	1531.3	1530.5	1529.6	1528.7	1528.3	1528.2	1527.9	1527.6	1527.3	1527.0
175°	1541.3	1540.4	1539.6	1538.7	1537.8	1537.4	1537.1	1536.5	1536.0	1535.4	1534.8
177.5°	1546.6	1545.7	1544.9	1544.0	1543.1	1542.7	1542.4	1541.8	1541.2	1540.6	1540.0
180°	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0

TEST NUMBER: P1029156

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	2085.7	2087.2	2090.3	2105.7	2113.4	2115.0	2108.8	2122.7	2127.3	2122.7	2119.6
5°	2184.4	2193.6	2212.1	2232.2	2230.7	2232.2	2241.5	2250.7	2253.8	2241.5	2246.1
7.5°	2270.8	2289.3	2309.3	2340.2	2340.2	2355.6	2361.8	2369.5	2388.0	2378.8	2375.7
10°	2369.5	2394.2	2431.2	2480.6	2482.1	2497.5	2513.0	2537.6	2545.4	2539.2	2542.3
12.5°	2492.9	2540.7	2543.8	2597.8	2622.5	2625.6	2650.3	2645.6	2661.1	2661.1	2687.3
15°	2546.9	2620.9	2662.6	2715.0	2730.5	2712.0	2732.0	2753.6	2755.2	2755.2	2753.6
17.5°	2644.1	2673.4	2715.0	2742.8	2749.0	2749.0	2750.5	2759.8	2753.6	2741.3	2750.5
20°	2664.1	2676.5	2691.9	2688.8	2691.9	2676.5	2661.1	2645.6	2647.2	2639.5	2662.6
22.5°	2627.1	2624.0	2588.6	2565.4	2565.4	2534.6	2505.2	2491.4	2477.5	2482.1	2489.8
25°	2534.6	2486.7	2443.5	2409.6	2401.9	2352.5	2312.4	2300.1	2276.9	2295.4	2298.5
27.5°	2386.5	2332.5	2263.1	2233.7	2193.6	2173.6	2145.8	2108.8	2061.0	2088.7	2084.1
30°	2227.6	2147.4	2090.3	2019.3	1956.1	1951.4	1899.0	1837.3	1812.6	1812.6	1826.5
32.5°	2050.2	1943.7	1860.4	1760.2	1698.4	1672.2	1609.0	1547.3	1561.2	1514.9	1531.8
35°	1843.5	1703.1	1598.2	1501.0	1454.7	1423.9	1342.1	1308.2	1271.1	1249.5	1289.6
37.5°	1646.0	1484.0	1349.8	1243.4	1226.4	1170.9	1115.3	1093.7	1072.1	1081.4	1079.8
40°	1405.3	1261.9	1141.6	1058.3	1028.9	1002.7	965.7	939.5	925.6	933.3	934.8
42.5°	1187.8	1067.5	978.0	919.4	894.7	876.2	857.7	836.1	831.5	831.5	837.7
45°	1019.7	921.0	860.8	813.0	799.1	785.2	771.3	762.1	759.0	752.8	757.4
47.5°	885.5	806.8	769.8	734.3	718.9	715.8	703.4	698.8	692.6	691.1	692.6
50°	772.9	723.5	689.6	669.5	658.7	654.1	647.9	638.7	635.6	643.3	640.2
52.5°	694.2	647.9	629.4	609.3	603.2	597.0	587.7	589.3	587.7	584.7	584.7
55°	615.5	586.2	567.7	552.3	550.7	544.6	536.8	533.8	532.2	529.1	533.8
57.5°	552.3	529.1	512.2	498.3	492.1	492.1	484.4	478.2	478.2	476.7	478.2
60°	489.0	465.9	455.1	441.2	436.6	435.0	430.4	427.3	422.7	422.7	422.7
62.5°	430.4	411.9	399.5	387.2	388.7	381.0	374.9	371.8	371.8	373.3	373.3
65°	374.9	362.5	347.1	336.3	333.2	331.7	328.6	327.0	322.4	325.5	325.5
67.5°	324.0	307.0	297.7	293.1	288.5	286.9	283.8	280.8	279.2	277.7	280.8
70°	273.0	259.2	251.5	248.4	243.7	242.2	240.7	236.0	237.6	239.1	240.7
72.5°	226.8	214.4	212.9	203.6	203.6	203.6	197.5	200.5	199.0	195.9	199.0
75°	178.9	172.8	169.7	165.1	166.6	165.1	163.5	158.9	158.9	160.4	162.0
77.5°	141.9	135.8	134.2	129.6	126.5	129.6	126.5	125.0	125.0	126.5	126.5
80°	104.9	101.8	97.2	97.2	97.2	95.6	95.6	95.6	94.1	92.6	94.1
82.5°	69.4	69.4	67.9	66.3	67.9	64.8	66.3	66.3	66.3	66.3	66.3
85°	44.7	43.2	43.2	41.7	41.7	41.7	43.2	40.1	40.1	41.7	41.7
87.5°	20.1	20.1	20.1	21.6	20.1	20.1	20.1	21.6	20.1	20.1	20.1
90°	45.0	44.4	43.9	43.3	43.0	43.1	43.4	43.7	44.0	44.3	44.0
92.5°	40.7	41.0	41.3	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7
95°	83.4	83.4	83.4	83.4	83.4	83.1	82.5	82.0	81.4	80.8	81.4
97.5°	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3
100°	179.8	179.8	179.8	179.8	179.8	179.7	179.4	179.1	178.8	178.5	178.8
102.5°	233.5	233.8	234.1	234.4	234.5	234.4	234.1	233.8	233.5	233.2	233.5
105°	287.2	287.8	288.3	288.9	289.2	289.2	289.2	289.2	289.2	289.2	289.2
107.5°	345.6	345.9	346.2	346.5	346.6	345.9	344.4	343.0	341.5	340.1	341.5
110°	405.2	405.2	405.2	405.2	405.2	404.8	403.9	403.0	402.2	401.3	402.2

TEST NUMBER: P1029156

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	465.5	464.7	463.8	462.9	462.5	462.2	461.6	461.1	460.5	459.9	460.5
115°	526.1	525.8	525.5	525.2	525.1	524.7	523.8	522.9	522.1	521.2	522.1
117.5°	585.4	584.6	583.7	582.8	582.4	582.0	581.1	580.2	579.4	578.5	579.4
120°	643.6	643.6	643.6	643.6	643.6	643.2	642.3	641.4	640.6	639.7	640.6
122.5°	705.3	704.5	703.6	702.7	702.3	702.0	701.4	700.9	700.3	699.7	700.3
125°	765.2	764.4	763.5	762.6	762.2	762.1	761.8	761.5	761.2	760.9	761.2
127.5°	823.5	822.4	821.2	820.1	819.5	819.1	818.2	817.3	816.5	815.6	816.5
130°	882.8	882.2	881.7	881.1	880.8	880.2	879.1	877.9	876.8	875.6	876.8
132.5°	941.9	940.4	939.0	937.5	936.8	936.4	935.5	934.6	933.8	932.9	933.8
135°	997.7	997.4	997.1	996.8	996.7	996.3	995.4	994.5	993.7	992.8	993.7
137.5°	1052.5	1052.2	1051.9	1051.6	1051.5	1050.9	1049.7	1048.6	1047.4	1046.2	1047.4
140°	1107.5	1107.5	1107.5	1107.5	1107.5	1106.9	1105.8	1104.6	1103.5	1102.3	1103.5
142.5°	1157.3	1157.6	1157.9	1158.2	1158.3	1157.7	1156.6	1155.4	1154.3	1153.1	1154.3
145°	1208.1	1208.4	1208.7	1209.0	1209.1	1208.5	1207.4	1206.2	1205.1	1203.9	1205.1
147.5°	1252.7	1253.3	1253.8	1254.4	1254.7	1254.1	1253.0	1251.8	1250.7	1249.5	1250.7
150°	1294.7	1295.5	1296.4	1297.3	1297.7	1297.3	1296.4	1295.5	1294.7	1293.8	1294.7
152.5°	1336.7	1337.8	1339.0	1340.1	1340.7	1340.1	1339.0	1337.8	1336.7	1335.5	1336.7
155°	1370.8	1372.3	1373.7	1375.2	1375.9	1375.5	1374.6	1373.7	1372.9	1372.0	1372.9
157.5°	1403.9	1406.0	1408.0	1410.1	1411.1	1410.4	1408.9	1407.4	1406.0	1404.5	1406.0
160°	1433.6	1435.4	1437.1	1438.8	1439.7	1439.1	1438.0	1436.8	1435.7	1434.5	1435.7
162.5°	1460.0	1462.0	1464.1	1466.1	1467.1	1466.4	1464.9	1463.5	1462.0	1460.6	1462.0
165°	1482.1	1484.1	1486.2	1488.2	1489.2	1488.5	1487.0	1485.6	1484.1	1482.7	1484.1
167.5°	1501.7	1503.7	1505.8	1507.8	1508.8	1508.1	1506.6	1505.2	1503.7	1502.3	1503.7
170°	1517.3	1519.3	1521.4	1523.4	1524.4	1523.5	1521.8	1520.1	1518.3	1516.6	1518.3
172.5°	1529.0	1531.0	1533.1	1535.1	1536.1	1535.2	1533.5	1531.8	1530.0	1528.3	1530.0
175°	1536.8	1538.9	1540.9	1543.0	1544.0	1543.1	1541.4	1539.6	1537.9	1536.1	1537.9
177.5°	1541.8	1543.5	1545.3	1547.0	1547.9	1547.0	1545.3	1543.5	1541.8	1540.0	1541.8
180°	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0

TEST NUMBER: P1029156

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	2127.3	2116.5	2107.2	2108.8	2116.5	2110.3	2094.9	2074.9	2067.1	2057.9	2067.1
5°	2255.3	2246.1	2227.6	2229.1	2224.5	2218.3	2193.6	2162.8	2162.8	2138.1	2135.0
7.5°	2381.8	2368.0	2355.6	2352.5	2335.6	2323.2	2301.6	2258.4	2241.5	2212.1	2195.2
10°	2523.8	2513.0	2499.1	2482.1	2472.9	2451.3	2415.8	2352.5	2321.7	2281.6	2252.3
12.5°	2667.2	2665.7	2634.8	2600.9	2599.3	2565.4	2540.7	2455.9	2414.2	2360.2	2290.8
15°	2758.2	2750.5	2733.6	2716.6	2721.2	2684.2	2628.7	2528.4	2500.6	2435.8	2361.8
17.5°	2756.7	2756.7	2752.1	2749.0	2744.4	2733.6	2702.7	2636.4	2591.6	2509.9	2440.5
20°	2668.8	2688.8	2693.5	2691.9	2707.3	2715.0	2713.5	2671.9	2636.4	2563.9	2492.9
22.5°	2492.9	2539.2	2559.2	2571.6	2604.0	2620.9	2661.1	2645.6	2636.4	2582.4	2522.2
25°	2329.4	2344.8	2405.0	2408.1	2452.8	2494.5	2534.6	2560.8	2594.7	2574.7	2523.8
27.5°	2118.0	2153.5	2196.7	2229.1	2238.4	2323.2	2389.6	2438.9	2516.0	2522.2	2505.2
30°	1878.9	1895.9	1966.9	2010.1	2059.4	2121.1	2216.8	2301.6	2371.0	2434.3	2455.9
32.5°	1587.4	1656.8	1698.4	1750.9	1794.1	1903.6	2020.9	2130.4	2210.6	2317.0	2363.3
35°	1320.5	1374.5	1445.5	1467.1	1545.7	1638.3	1791.0	1931.4	2053.3	2161.2	2255.3
37.5°	1099.9	1143.1	1218.7	1252.6	1298.9	1417.7	1545.7	1720.0	1866.6	1999.3	2116.5
40°	948.7	981.1	1038.2	1049.0	1087.6	1195.5	1298.9	1462.4	1656.8	1835.7	1963.8
42.5°	845.4	860.8	899.4	913.2	937.9	1010.4	1103.0	1257.3	1437.7	1622.9	1803.3
45°	771.3	782.1	805.3	817.6	848.5	880.8	956.4	1079.8	1221.8	1408.4	1602.8
47.5°	705.0	718.9	728.1	735.8	752.8	788.3	837.7	928.7	1064.4	1235.7	1423.9
50°	649.5	654.1	671.0	672.6	683.4	706.5	752.8	808.3	916.3	1055.2	1237.2
52.5°	593.9	598.5	609.3	620.1	624.8	643.3	674.1	720.4	800.6	910.2	1072.1
55°	538.4	544.6	555.4	563.1	567.7	583.1	601.6	646.4	709.6	786.7	919.4
57.5°	482.8	496.7	499.8	504.4	512.2	529.1	546.1	572.3	621.7	692.6	789.8
60°	430.4	435.0	445.8	450.5	458.2	467.4	489.0	509.1	544.6	600.1	688.0
62.5°	376.4	387.2	391.8	396.5	402.6	413.4	427.3	448.9	479.8	524.5	593.9
65°	330.1	331.7	340.9	347.1	353.3	361.0	374.9	394.9	413.4	455.1	506.0
67.5°	285.4	288.5	291.6	297.7	305.4	313.2	325.5	336.3	359.4	387.2	427.3
70°	242.2	242.2	249.9	254.5	253.0	262.2	271.5	283.8	300.8	327.0	359.4
72.5°	203.6	202.1	208.3	209.8	212.9	219.1	225.2	237.6	246.8	266.9	291.6
75°	162.0	165.1	168.1	168.1	172.8	177.4	183.6	189.7	200.5	212.9	231.4
77.5°	128.0	128.0	131.1	132.7	137.3	135.8	141.9	148.1	155.8	166.6	180.5
80°	94.1	97.2	97.2	97.2	98.7	100.3	106.4	111.1	115.7	123.4	129.6
82.5°	66.3	66.3	69.4	69.4	69.4	72.5	72.5	74.0	77.1	81.8	86.4
85°	41.7	41.7	41.7	43.2	41.7	43.2	46.3	44.7	46.3	49.4	49.4
87.5°	20.1	20.1	20.1	20.1	20.1	21.6	20.1	21.6	23.1	23.1	23.1
90°	43.7	43.4	43.1	43.0	43.3	43.9	44.4	45.0	45.6	39.2	32.8
92.5°	41.7	41.7	41.7	41.7	41.6	41.3	41.0	40.7	40.4	40.1	39.8
95°	82.0	82.5	83.1	83.4	83.4	83.4	83.4	83.4	83.4	82.8	82.2
97.5°	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	129.1	128.0
100°	179.1	179.4	179.7	179.8	179.8	179.8	179.8	179.8	179.8	178.9	178.1
102.5°	233.8	234.1	234.4	234.5	234.4	234.1	233.8	233.5	233.2	232.0	230.9
105°	289.2	289.2	289.2	289.2	288.9	288.3	287.8	287.2	286.6	286.0	285.4
107.5°	343.0	344.4	345.9	346.6	346.5	346.2	345.9	345.6	345.3	345.3	345.3
110°	403.0	403.9	404.8	405.2	405.2	405.2	405.2	405.2	405.2	405.2	405.2

TEST NUMBER: P1029156

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	461.1	461.6	462.2	462.5	462.9	463.8	464.7	465.5	466.4	466.7	467.0
115°	522.9	523.8	524.7	525.1	525.2	525.5	525.8	526.1	526.4	527.0	527.6
117.5°	580.2	581.1	582.0	582.4	582.8	583.7	584.6	585.4	586.3	587.7	589.2
120°	641.4	642.3	643.2	643.6	643.6	643.6	643.6	643.6	643.6	645.9	648.3
122.5°	700.9	701.4	702.0	702.3	702.7	703.6	704.5	705.3	706.2	707.6	709.1
125°	761.5	761.8	762.1	762.2	762.6	763.5	764.4	765.2	766.1	767.0	767.8
127.5°	817.3	818.2	819.1	819.5	820.1	821.2	822.4	823.5	824.7	825.9	827.1
130°	877.9	879.1	880.2	880.8	881.1	881.7	882.2	882.8	883.4	884.0	884.6
132.5°	934.6	935.5	936.4	936.8	937.5	939.0	940.4	941.9	943.3	943.0	942.7
135°	994.5	995.4	996.3	996.7	996.8	997.1	997.4	997.7	998.0	997.4	996.8
137.5°	1048.6	1049.7	1050.9	1051.5	1051.6	1051.9	1052.2	1052.5	1052.8	1052.2	1051.6
140°	1104.6	1105.8	1106.9	1107.5	1107.5	1107.5	1107.5	1107.5	1107.5	1106.1	1104.6
142.5°	1155.4	1156.6	1157.7	1158.3	1158.2	1157.9	1157.6	1157.3	1157.0	1156.1	1155.3
145°	1206.2	1207.4	1208.5	1209.1	1209.0	1208.7	1208.4	1208.1	1207.8	1206.1	1204.3
147.5°	1251.8	1253.0	1254.1	1254.7	1254.4	1253.8	1253.3	1252.7	1252.1	1250.9	1249.8
150°	1295.5	1296.4	1297.3	1297.7	1297.3	1296.4	1295.5	1294.7	1293.8	1292.6	1291.5
152.5°	1337.8	1339.0	1340.1	1340.7	1340.1	1339.0	1337.8	1336.7	1335.5	1334.1	1332.6
155°	1373.7	1374.6	1375.5	1375.9	1375.2	1373.7	1372.3	1370.8	1369.4	1368.5	1367.7
157.5°	1407.4	1408.9	1410.4	1411.1	1410.1	1408.0	1406.0	1403.9	1401.9	1401.3	1400.7
160°	1436.8	1438.0	1439.1	1439.7	1438.8	1437.1	1435.4	1433.6	1431.9	1431.6	1431.3
162.5°	1463.5	1464.9	1466.4	1467.1	1466.1	1464.1	1462.0	1460.0	1458.0	1457.7	1457.4
165°	1485.6	1487.0	1488.5	1489.2	1488.2	1486.2	1484.1	1482.1	1480.1	1480.1	1480.1
167.5°	1505.2	1506.6	1508.1	1508.8	1507.8	1505.8	1503.7	1501.7	1499.7	1499.7	1499.7
170°	1520.1	1521.8	1523.5	1524.4	1523.4	1521.4	1519.3	1517.3	1515.3	1515.6	1515.9
172.5°	1531.8	1533.5	1535.2	1536.1	1535.1	1533.1	1531.0	1529.0	1527.0	1527.3	1527.6
175°	1539.6	1541.4	1543.1	1544.0	1543.0	1540.9	1538.9	1536.8	1534.8	1535.4	1536.0
177.5°	1543.5	1545.3	1547.0	1547.9	1547.0	1545.3	1543.5	1541.8	1540.0	1540.6	1541.2
180°	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0

TEST NUMBER: P1029156

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	2059.4	2051.7	2047.1	2050.2	2040.9	2017.8	2017.8	2025.5	2016.2	2007.0	1993.1
5°	2116.5	2101.1	2091.8	2090.3	2068.7	2031.7	2023.9	2016.2	1996.2	1974.6	1951.4
7.5°	2172.0	2144.3	2128.8	2118.0	2087.2	2039.4	2019.3	2002.3	1970.0	1937.6	1908.2
10°	2218.3	2178.2	2159.7	2142.7	2102.6	2042.5	2010.1	1979.2	1937.6	1895.9	1858.9
12.5°	2255.3	2209.1	2185.9	2161.2	2111.9	2033.2	1993.1	1943.7	1902.1	1846.5	1809.5
15°	2317.0	2221.4	2199.8	2176.7	2125.8	2017.8	1968.4	1912.9	1855.8	1781.8	1741.6
17.5°	2366.4	2238.4	2236.8	2187.5	2121.1	2011.6	1936.0	1863.5	1801.8	1727.8	1664.5
20°	2395.7	2264.6	2239.9	2189.0	2105.7	1970.0	1891.3	1811.1	1744.7	1655.3	1592.0
22.5°	2420.4	2301.6	2236.8	2175.1	2073.3	1956.1	1840.4	1764.8	1673.8	1576.6	1516.4
25°	2429.7	2309.3	2241.5	2170.5	2050.2	1916.0	1784.8	1703.1	1601.3	1513.3	1431.6
27.5°	2431.2	2307.8	2224.5	2150.4	2017.8	1863.5	1729.3	1642.9	1530.3	1428.5	1346.7
30°	2415.8	2290.8	2215.2	2135.0	1986.9	1815.7	1661.4	1565.8	1445.5	1343.6	1258.8
32.5°	2369.5	2256.9	2195.2	2107.2	1946.8	1749.4	1596.6	1490.2	1363.7	1263.4	1181.7
35°	2292.4	2215.2	2147.4	2065.6	1894.4	1687.6	1531.8	1406.9	1278.8	1183.2	1106.1
37.5°	2196.7	2155.1	2091.8	2011.6	1834.2	1632.1	1459.3	1320.5	1192.5	1099.9	1024.3
40°	2067.1	2077.9	2016.2	1943.7	1763.2	1556.5	1365.2	1232.6	1112.2	1025.9	951.8
42.5°	1926.8	1971.5	1936.0	1866.6	1684.6	1473.2	1295.8	1149.3	1032.0	942.6	880.8
45°	1775.6	1852.7	1831.1	1780.2	1602.8	1385.3	1197.1	1055.2	951.8	865.4	811.4
47.5°	1610.5	1720.0	1720.0	1683.0	1511.8	1297.4	1112.2	967.2	865.4	803.7	751.3
50°	1442.4	1565.8	1585.8	1561.2	1410.0	1197.1	1008.9	877.8	789.8	729.7	691.1
52.5°	1266.5	1410.0	1447.0	1434.7	1302.0	1101.4	924.0	796.0	715.8	663.3	629.4
55°	1098.4	1265.0	1305.1	1309.7	1186.3	996.5	829.9	717.3	640.2	604.7	575.4
57.5°	939.5	1099.9	1144.6	1152.4	1069.1	900.9	742.0	643.3	573.9	544.6	521.4
60°	803.7	937.9	996.5	1013.5	941.0	789.8	660.3	564.6	512.2	484.4	462.8
62.5°	692.6	800.6	862.3	867.0	834.6	692.6	575.4	495.2	450.5	425.8	415.0
65°	584.7	681.8	718.9	737.4	711.2	600.1	496.7	430.4	394.9	373.3	362.5
67.5°	498.3	560.0	590.8	615.5	589.3	506.0	422.7	368.7	342.5	320.9	314.7
70°	408.8	459.7	482.8	507.5	484.4	421.1	361.0	311.6	288.5	271.5	263.8
72.5°	327.0	367.1	388.7	404.2	390.3	337.8	288.5	254.5	237.6	225.2	220.6
75°	259.2	286.9	299.3	310.1	303.9	263.8	232.9	205.2	189.7	178.9	175.9
77.5°	197.5	217.5	231.4	234.5	226.8	200.5	174.3	157.3	145.0	138.8	135.8
80°	140.4	152.7	160.4	165.1	157.3	146.6	128.0	115.7	104.9	97.2	95.6
82.5°	94.1	100.3	106.4	104.9	101.8	92.6	81.8	75.6	71.0	64.8	64.8
85°	54.0	55.5	58.6	60.2	58.6	52.4	46.3	43.2	40.1	35.5	35.5
87.5°	23.1	24.7	24.7	26.2	23.1	23.1	20.1	17.0	17.0	15.4	13.9
90°	26.5	20.1	16.9	15.2	11.7	8.2	4.8	1.3	4.8	8.2	11.7
92.5°	39.5	39.2	39.1	37.9	35.6	33.3	31.0	28.7	31.0	33.3	35.6
95°	81.7	81.1	80.8	79.4	76.5	73.6	70.7	67.8	70.7	73.6	76.5
97.5°	126.8	125.7	125.1	123.8	121.2	118.6	116.0	113.4	116.0	118.6	121.2
100°	177.2	176.3	175.9	174.7	172.4	170.1	167.8	165.5	167.8	170.1	172.4
102.5°	229.7	228.6	228.0	227.1	225.4	223.7	221.9	220.2	221.9	223.7	225.4
105°	284.9	284.3	284.0	283.6	282.7	281.8	281.0	280.1	281.0	281.8	282.7
107.5°	345.3	345.3	345.3	344.7	343.6	342.4	341.3	340.1	341.3	342.4	343.6
110°	405.2	405.2	405.2	404.3	402.6	400.9	399.1	397.4	399.1	400.9	402.6

TEST NUMBER: P1029156

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	467.3	467.6	467.7	466.8	465.1	463.4	461.6	459.9	461.6	463.4	465.1
115°	528.1	528.7	529.0	528.1	526.4	524.7	522.9	521.2	522.9	524.7	526.4
117.5°	590.6	592.1	592.8	591.6	589.3	587.0	584.7	582.4	584.7	587.0	589.3
120°	650.6	652.9	654.1	652.9	650.6	648.3	645.9	643.6	645.9	648.3	650.6
122.5°	710.5	712.0	712.7	711.3	708.4	705.5	702.6	699.7	702.6	705.5	708.4
125°	768.7	769.6	770.0	768.7	766.1	763.5	760.9	758.3	760.9	763.5	766.1
127.5°	828.2	829.4	830.0	828.4	825.2	822.0	818.8	815.6	818.8	822.0	825.2
130°	885.1	885.7	886.0	884.1	880.3	876.6	872.8	869.0	872.8	876.6	880.3
132.5°	942.4	942.1	942.0	940.6	937.7	934.8	931.9	929.0	931.9	934.8	937.7
135°	996.3	995.7	995.4	993.8	990.6	987.5	984.3	981.1	984.3	987.5	990.6
137.5°	1051.1	1050.5	1050.2	1048.9	1046.3	1043.6	1041.0	1038.4	1041.0	1043.6	1046.3
140°	1103.2	1101.7	1101.0	1099.7	1097.1	1094.4	1091.8	1089.2	1091.8	1094.4	1097.1
142.5°	1154.4	1153.5	1153.1	1151.8	1149.2	1146.6	1144.0	1141.4	1144.0	1146.6	1149.2
145°	1202.6	1200.9	1200.0	1199.0	1197.0	1194.9	1192.9	1190.9	1192.9	1194.9	1197.0
147.5°	1248.6	1247.5	1246.9	1245.6	1243.0	1240.4	1237.8	1235.2	1237.8	1240.4	1243.0
150°	1290.3	1289.2	1288.6	1287.7	1286.0	1284.3	1282.5	1280.8	1282.5	1284.3	1286.0
152.5°	1331.2	1329.7	1329.0	1328.1	1326.4	1324.7	1322.9	1321.2	1322.9	1324.7	1326.4
155°	1366.8	1365.9	1365.5	1365.1	1364.2	1363.3	1362.4	1361.5	1362.4	1363.3	1364.2
157.5°	1400.2	1399.6	1399.3	1399.0	1398.4	1397.9	1397.3	1396.7	1397.3	1397.9	1398.4
160°	1431.0	1430.7	1430.6	1430.3	1429.7	1429.2	1428.6	1428.0	1428.6	1429.2	1429.7
162.5°	1457.1	1456.8	1456.7	1456.7	1456.7	1456.7	1456.7	1456.7	1456.7	1456.7	1456.7
165°	1480.1	1480.1	1480.1	1480.2	1480.5	1480.8	1481.1	1481.4	1481.1	1480.8	1480.5
167.5°	1499.7	1499.7	1499.7	1500.1	1501.0	1501.9	1502.7	1503.6	1502.7	1501.9	1501.0
170°	1516.2	1516.5	1516.6	1517.0	1517.9	1518.8	1519.6	1520.5	1519.6	1518.8	1517.9
172.5°	1527.9	1528.2	1528.3	1528.7	1529.6	1530.5	1531.3	1532.2	1531.3	1530.5	1529.6
175°	1536.5	1537.1	1537.4	1537.8	1538.7	1539.6	1540.4	1541.3	1540.4	1539.6	1538.7
177.5°	1541.8	1542.4	1542.7	1543.1	1544.0	1544.9	1545.7	1546.6	1545.7	1544.9	1544.0
180°	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0

TEST NUMBER: P1029156

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	1985.4	1993.1	1991.5	1976.1	1959.2	1945.3	1919.0	1922.1	1912.9	1914.4	1923.7
5°	1936.0	1936.0	1929.8	1908.2	1880.5	1865.1	1835.7	1828.0	1809.5	1808.0	1806.4
7.5°	1883.6	1875.9	1868.1	1837.3	1803.3	1778.7	1738.6	1729.3	1710.8	1698.4	1692.3
10°	1821.9	1811.1	1795.6	1760.2	1718.5	1687.6	1646.0	1633.7	1598.2	1582.7	1573.5
12.5°	1754.0	1747.8	1723.1	1693.8	1625.9	1592.0	1531.8	1544.2	1508.7	1477.9	1473.2
15°	1686.1	1663.0	1649.1	1601.3	1519.5	1504.1	1456.3	1431.6	1399.2	1374.5	1374.5
17.5°	1619.8	1584.3	1553.4	1502.5	1442.4	1399.2	1363.7	1351.4	1311.2	1286.6	1281.9
20°	1531.8	1491.7	1484.0	1411.5	1369.9	1322.0	1288.1	1257.3	1227.9	1217.1	1209.4
22.5°	1448.5	1402.3	1389.9	1328.2	1286.6	1238.7	1204.8	1183.2	1161.6	1153.9	1140.0
25°	1359.1	1331.3	1312.8	1246.5	1200.2	1155.4	1132.3	1116.9	1096.8	1095.3	1086.0
27.5°	1272.7	1246.5	1227.9	1164.7	1130.8	1089.1	1070.6	1053.6	1042.8	1038.2	1033.6
30°	1198.6	1169.3	1147.7	1101.4	1059.8	1025.9	1010.4	999.6	993.5	985.7	984.2
32.5°	1116.9	1099.9	1070.6	1035.1	1002.7	970.3	961.1	953.4	944.1	941.0	939.5
35°	1047.5	1024.3	1005.8	965.7	951.8	924.0	913.2	907.1	894.7	891.6	888.6
37.5°	979.6	958.0	937.9	913.2	887.0	871.6	865.4	856.2	850.0	851.5	848.5
40°	911.7	894.7	879.3	853.1	837.7	829.9	817.6	808.3	805.3	806.8	805.3
42.5°	845.4	829.9	820.7	800.6	785.2	777.5	769.8	760.5	765.1	765.1	769.8
45°	785.2	771.3	765.1	749.7	740.5	728.1	720.4	718.9	725.0	723.5	723.5
47.5°	723.5	718.9	711.2	697.3	684.9	677.2	675.7	675.7	681.8	684.9	683.4
50°	675.7	666.4	657.2	646.4	637.1	634.0	629.4	632.5	638.7	638.7	641.7
52.5°	615.5	609.3	606.3	597.0	590.8	590.8	590.8	592.4	597.0	601.6	600.1
55°	563.1	558.4	555.4	550.7	543.0	544.6	543.0	546.1	550.7	555.4	558.4
57.5°	507.5	506.0	502.9	495.2	495.2	493.6	498.3	499.8	507.5	510.6	515.2
60°	458.2	453.5	453.5	447.4	447.4	447.4	452.0	456.6	462.8	464.3	467.4
62.5°	405.7	405.7	404.2	399.5	399.5	404.2	405.7	411.9	415.0	415.0	419.6
65°	356.4	354.8	353.3	354.8	356.4	356.4	361.0	364.1	367.1	368.7	370.2
67.5°	307.0	305.4	308.5	307.0	310.1	316.2	314.7	319.3	324.0	324.0	325.5
70°	260.7	263.8	262.2	265.3	263.8	266.9	271.5	273.0	273.0	274.6	279.2
72.5°	217.5	217.5	217.5	216.0	217.5	220.6	223.7	225.2	228.3	229.9	234.5
75°	175.9	175.9	172.8	175.9	175.9	178.9	182.0	182.0	182.0	185.1	189.7
77.5°	132.7	134.2	132.7	135.8	135.8	137.3	140.4	138.8	141.9	143.5	145.0
80°	97.2	95.6	95.6	95.6	97.2	97.2	100.3	101.8	101.8	106.4	103.4
82.5°	61.7	63.2	61.7	63.2	63.2	64.8	63.2	64.8	66.3	69.4	67.9
85°	35.5	33.9	33.9	35.5	33.9	33.9	35.5	33.9	35.5	33.9	35.5
87.5°	13.9	12.3	12.3	12.3	12.3	10.8	10.8	9.3	9.3	9.3	7.7
90°	15.2	16.9	20.1	26.5	32.8	39.2	45.6	45.0	44.4	43.9	43.3
92.5°	37.9	39.1	39.2	39.5	39.8	40.1	40.4	40.7	41.0	41.3	41.6
95°	79.4	80.8	81.1	81.7	82.2	82.8	83.4	83.4	83.4	83.4	83.4
97.5°	123.8	125.1	125.7	126.8	128.0	129.1	130.3	130.3	130.3	130.3	130.3
100°	174.7	175.9	176.3	177.2	178.1	178.9	179.8	179.8	179.8	179.8	179.8
102.5°	227.1	228.0	228.6	229.7	230.9	232.0	233.2	233.5	233.8	234.1	234.4
105°	283.6	284.0	284.3	284.9	285.4	286.0	286.6	287.2	287.8	288.3	288.9
107.5°	344.7	345.3	345.3	345.3	345.3	345.3	345.3	345.6	345.9	346.2	346.5
110°	404.3	405.2	405.2	405.2	405.2	405.2	405.2	405.2	405.2	405.2	405.2

TEST NUMBER: P1029156

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	466.8	467.7	467.6	467.3	467.0	466.7	466.4	465.5	464.7	463.8	462.9
115°	528.1	529.0	528.7	528.1	527.6	527.0	526.4	526.1	525.8	525.5	525.2
117.5°	591.6	592.8	592.1	590.6	589.2	587.7	586.3	585.4	584.6	583.7	582.8
120°	652.9	654.1	652.9	650.6	648.3	645.9	643.6	643.6	643.6	643.6	643.6
122.5°	711.3	712.7	712.0	710.5	709.1	707.6	706.2	705.3	704.5	703.6	702.7
125°	768.7	770.0	769.6	768.7	767.8	767.0	766.1	765.2	764.4	763.5	762.6
127.5°	828.4	830.0	829.4	828.2	827.1	825.9	824.7	823.5	822.4	821.2	820.1
130°	884.1	886.0	885.7	885.1	884.6	884.0	883.4	882.8	882.2	881.7	881.1
132.5°	940.6	942.0	942.1	942.4	942.7	943.0	943.3	941.9	940.4	939.0	937.5
135°	993.8	995.4	995.7	996.3	996.8	997.4	998.0	997.7	997.4	997.1	996.8
137.5°	1048.9	1050.2	1050.5	1051.1	1051.6	1052.2	1052.8	1052.5	1052.2	1051.9	1051.6
140°	1099.7	1101.0	1101.7	1103.2	1104.6	1106.1	1107.5	1107.5	1107.5	1107.5	1107.5
142.5°	1151.8	1153.1	1153.5	1154.4	1155.3	1156.1	1157.0	1157.3	1157.6	1157.9	1158.2
145°	1199.0	1200.0	1200.9	1202.6	1204.3	1206.1	1207.8	1208.1	1208.4	1208.7	1209.0
147.5°	1245.6	1246.9	1247.5	1248.6	1249.8	1250.9	1252.1	1252.7	1253.3	1253.8	1254.4
150°	1287.7	1288.6	1289.2	1290.3	1291.5	1292.6	1293.8	1294.7	1295.5	1296.4	1297.3
152.5°	1328.1	1329.0	1329.7	1331.2	1332.6	1334.1	1335.5	1336.7	1337.8	1339.0	1340.1
155°	1365.1	1365.5	1365.9	1366.8	1367.7	1368.5	1369.4	1370.8	1372.3	1373.7	1375.2
157.5°	1399.0	1399.3	1399.6	1400.2	1400.7	1401.3	1401.9	1403.9	1406.0	1408.0	1410.1
160°	1430.3	1430.6	1430.7	1431.0	1431.3	1431.6	1431.9	1433.6	1435.4	1437.1	1438.8
162.5°	1456.7	1456.7	1456.8	1457.1	1457.4	1457.7	1458.0	1460.0	1462.0	1464.1	1466.1
165°	1480.2	1480.1	1480.1	1480.1	1480.1	1480.1	1480.1	1482.1	1484.1	1486.2	1488.2
167.5°	1500.1	1499.7	1499.7	1499.7	1499.7	1499.7	1499.7	1501.7	1503.7	1505.8	1507.8
170°	1517.0	1516.6	1516.5	1516.2	1515.9	1515.6	1515.3	1517.3	1519.3	1521.4	1523.4
172.5°	1528.7	1528.3	1528.2	1527.9	1527.6	1527.3	1527.0	1529.0	1531.0	1533.1	1535.1
175°	1537.8	1537.4	1537.1	1536.5	1536.0	1535.4	1534.8	1536.8	1538.9	1540.9	1543.0
177.5°	1543.1	1542.7	1542.4	1541.8	1541.2	1540.6	1540.0	1541.8	1543.5	1545.3	1547.0
180°	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0

TEST NUMBER: P1029156

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	1912.9	1917.5	1906.7	1903.6	1906.7	1895.9	1899.0	1902.1	1902.1	1906.7	1909.8
5°	1801.8	1795.6	1784.8	1781.8	1778.7	1783.3	1780.2	1784.8	1786.4	1797.2	1798.7
7.5°	1692.3	1683.0	1673.8	1664.5	1661.4	1653.7	1661.4	1661.4	1672.2	1669.1	1676.9
10°	1562.7	1561.2	1548.8	1544.2	1538.0	1525.7	1542.6	1538.0	1545.7	1559.6	1562.7
12.5°	1467.1	1450.1	1457.8	1436.2	1443.9	1431.6	1433.1	1433.1	1445.5	1447.0	1443.9
15°	1376.0	1362.2	1342.1	1332.8	1328.2	1322.0	1342.1	1343.6	1334.4	1356.0	1348.3
17.5°	1283.5	1283.5	1265.0	1260.3	1248.0	1254.2	1251.1	1252.6	1249.5	1265.0	1272.7
20°	1203.3	1195.5	1189.4	1190.9	1175.5	1172.4	1169.3	1172.4	1183.2	1194.0	1197.1
22.5°	1138.5	1133.8	1118.4	1121.5	1109.2	1113.8	1110.7	1118.4	1120.0	1120.0	1130.8
25°	1076.8	1070.6	1072.1	1066.0	1061.3	1061.3	1056.7	1061.3	1067.5	1070.6	1072.1
27.5°	1030.5	1025.9	1018.1	1013.5	1016.6	1008.9	1015.1	1019.7	1019.7	1016.6	1019.7
30°	974.9	978.0	978.0	962.6	968.8	965.7	970.3	973.4	973.4	974.9	971.9
32.5°	937.9	928.7	927.1	925.6	925.6	919.4	919.4	924.0	925.6	927.1	931.8
35°	888.6	888.6	880.8	885.5	879.3	880.8	879.3	880.8	883.9	879.3	883.9
37.5°	843.8	845.4	842.3	845.4	846.9	843.8	840.7	846.9	843.8	843.8	840.7
40°	805.3	803.7	805.3	805.3	805.3	806.8	803.7	803.7	803.7	800.6	797.5
42.5°	772.9	763.6	766.7	768.2	763.6	763.6	765.1	763.6	768.2	759.0	759.0
45°	726.6	723.5	725.0	725.0	728.1	723.5	726.6	728.1	723.5	722.0	718.9
47.5°	684.9	688.0	684.9	688.0	688.0	691.1	684.9	686.5	688.0	681.8	677.2
50°	643.3	643.3	647.9	646.4	647.9	644.8	644.8	643.3	644.8	641.7	637.1
52.5°	604.7	600.1	607.8	606.3	604.7	603.2	601.6	603.2	600.1	597.0	597.0
55°	556.9	556.9	561.5	563.1	563.1	560.0	556.9	558.4	556.9	555.4	553.8
57.5°	518.3	512.2	515.2	516.8	516.8	512.2	515.2	512.2	512.2	513.7	509.1
60°	469.0	469.0	465.9	470.5	470.5	467.4	467.4	469.0	465.9	464.3	462.8
62.5°	416.5	418.1	422.7	424.2	425.8	422.7	419.6	421.1	421.1	416.5	418.1
65°	371.8	374.9	381.0	379.5	376.4	377.9	374.9	376.4	371.8	373.3	368.7
67.5°	328.6	327.0	328.6	328.6	331.7	330.1	327.0	327.0	325.5	330.1	325.5
70°	282.3	282.3	282.3	282.3	283.8	285.4	282.3	279.2	280.8	277.7	276.1
72.5°	234.5	236.0	234.5	237.6	232.9	236.0	236.0	234.5	232.9	232.9	232.9
75°	189.7	192.8	188.2	189.7	188.2	191.3	189.7	189.7	186.7	185.1	186.7
77.5°	145.0	146.6	143.5	145.0	143.5	145.0	145.0	143.5	143.5	143.5	143.5
80°	103.4	104.9	103.4	101.8	100.3	103.4	100.3	101.8	103.4	101.8	104.9
82.5°	66.3	66.3	64.8	66.3	63.2	63.2	64.8	64.8	63.2	66.3	63.2
85°	32.4	32.4	35.5	32.4	30.9	30.9	30.9	32.4	30.9	33.9	32.4
87.5°	7.7	6.2	7.7	7.7	6.2	6.2	7.7	6.2	7.7	9.3	6.2
90°	43.0	43.1	43.4	43.7	44.0	44.3	44.0	43.7	43.4	43.1	43.0
92.5°	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
95°	83.4	83.1	82.5	82.0	81.4	80.8	81.4	82.0	82.5	83.1	83.4
97.5°	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3
100°	179.8	179.7	179.4	179.1	178.8	178.5	178.8	179.1	179.4	179.7	179.8
102.5°	234.5	234.4	234.1	233.8	233.5	233.2	233.5	233.8	234.1	234.4	234.5
105°	289.2	289.2	289.2	289.2	289.2	289.2	289.2	289.2	289.2	289.2	289.2
107.5°	346.6	345.9	344.4	343.0	341.5	340.1	341.5	343.0	344.4	345.9	346.6
110°	405.2	404.8	403.9	403.0	402.2	401.3	402.2	403.0	403.9	404.8	405.2

TEST NUMBER: P1029156

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	462.5	462.2	461.6	461.1	460.5	459.9	460.5	461.1	461.6	462.2	462.5
115°	525.1	524.7	523.8	522.9	522.1	521.2	522.1	522.9	523.8	524.7	525.1
117.5°	582.4	582.0	581.1	580.2	579.4	578.5	579.4	580.2	581.1	582.0	582.4
120°	643.6	643.2	642.3	641.4	640.6	639.7	640.6	641.4	642.3	643.2	643.6
122.5°	702.3	702.0	701.4	700.9	700.3	699.7	700.3	700.9	701.4	702.0	702.3
125°	762.2	762.1	761.8	761.5	761.2	760.9	761.2	761.5	761.8	762.1	762.2
127.5°	819.5	819.1	818.2	817.3	816.5	815.6	816.5	817.3	818.2	819.1	819.5
130°	880.8	880.2	879.1	877.9	876.8	875.6	876.8	877.9	879.1	880.2	880.8
132.5°	936.8	936.4	935.5	934.6	933.8	932.9	933.8	934.6	935.5	936.4	936.8
135°	996.7	996.3	995.4	994.5	993.7	992.8	993.7	994.5	995.4	996.3	996.7
137.5°	1051.5	1050.9	1049.7	1048.6	1047.4	1046.2	1047.4	1048.6	1049.7	1050.9	1051.5
140°	1107.5	1106.9	1105.8	1104.6	1103.5	1102.3	1103.5	1104.6	1105.8	1106.9	1107.5
142.5°	1158.3	1157.7	1156.6	1155.4	1154.3	1153.1	1154.3	1155.4	1156.6	1157.7	1158.3
145°	1209.1	1208.5	1207.4	1206.2	1205.1	1203.9	1205.1	1206.2	1207.4	1208.5	1209.1
147.5°	1254.7	1254.1	1253.0	1251.8	1250.7	1249.5	1250.7	1251.8	1253.0	1254.1	1254.7
150°	1297.7	1297.3	1296.4	1295.5	1294.7	1293.8	1294.7	1295.5	1296.4	1297.3	1297.7
152.5°	1340.7	1340.1	1339.0	1337.8	1336.7	1335.5	1336.7	1337.8	1339.0	1340.1	1340.7
155°	1375.9	1375.5	1374.6	1373.7	1372.9	1372.0	1372.9	1373.7	1374.6	1375.5	1375.9
157.5°	1411.1	1410.4	1408.9	1407.4	1406.0	1404.5	1406.0	1407.4	1408.9	1410.4	1411.1
160°	1439.7	1439.1	1438.0	1436.8	1435.7	1434.5	1435.7	1436.8	1438.0	1439.1	1439.7
162.5°	1467.1	1466.4	1464.9	1463.5	1462.0	1460.6	1462.0	1463.5	1464.9	1466.4	1467.1
165°	1489.2	1488.5	1487.0	1485.6	1484.1	1482.7	1484.1	1485.6	1487.0	1488.5	1489.2
167.5°	1508.8	1508.1	1506.6	1505.2	1503.7	1502.3	1503.7	1505.2	1506.6	1508.1	1508.8
170°	1524.4	1523.5	1521.8	1520.1	1518.3	1516.6	1518.3	1520.1	1521.8	1523.5	1524.4
172.5°	1536.1	1535.2	1533.5	1531.8	1530.0	1528.3	1530.0	1531.8	1533.5	1535.2	1536.1
175°	1544.0	1543.1	1541.4	1539.6	1537.9	1536.1	1537.9	1539.6	1541.4	1543.1	1544.0
177.5°	1547.9	1547.0	1545.3	1543.5	1541.8	1540.0	1541.8	1543.5	1545.3	1547.0	1547.9
180°	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0

TEST NUMBER: P1029156

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	1905.2	1917.5	1912.9	1895.9	1916.0	1916.0	1929.8	1929.8	1946.8	1953.0	1962.2
5°	1797.2	1806.4	1814.1	1806.4	1820.3	1841.9	1854.3	1865.1	1888.2	1897.4	1911.3
7.5°	1681.5	1698.4	1706.2	1706.2	1729.3	1754.0	1778.7	1794.1	1826.5	1838.8	1852.7
10°	1568.9	1588.9	1604.3	1602.8	1641.4	1656.8	1687.6	1723.1	1755.5	1774.0	1794.1
12.5°	1450.1	1460.9	1482.5	1513.3	1522.6	1550.4	1585.8	1630.6	1689.2	1706.2	1735.5
15°	1351.4	1380.7	1397.6	1411.5	1433.1	1459.3	1497.9	1541.1	1599.7	1636.7	1667.6
17.5°	1268.1	1306.6	1317.4	1314.3	1342.1	1382.2	1426.9	1459.3	1511.8	1556.5	1585.8
20°	1200.2	1215.6	1234.1	1241.8	1263.4	1306.6	1349.8	1386.8	1430.0	1465.5	1499.4
22.5°	1132.3	1144.6	1160.1	1173.9	1190.9	1215.6	1257.3	1303.5	1345.2	1379.1	1417.7
25°	1076.8	1084.5	1098.4	1109.2	1127.7	1144.6	1173.9	1224.9	1274.2	1294.3	1328.2
27.5°	1022.8	1028.9	1038.2	1050.5	1059.8	1076.8	1103.0	1144.6	1195.5	1215.6	1261.9
30°	974.9	979.6	988.8	995.0	999.6	1019.7	1039.7	1072.1	1110.7	1138.5	1172.4
32.5°	930.2	934.8	944.1	945.6	951.8	962.6	981.1	1010.4	1044.4	1067.5	1096.8
35°	880.8	883.9	893.2	896.3	900.9	910.2	924.0	945.6	976.5	993.5	1019.7
37.5°	842.3	840.7	846.9	851.5	857.7	862.3	867.0	888.6	911.7	927.1	947.2
40°	800.6	797.5	799.1	805.3	808.3	814.5	814.5	836.1	851.5	863.9	879.3
42.5°	759.0	757.4	754.4	757.4	760.5	762.1	763.6	779.0	794.5	805.3	822.2
45°	717.3	715.8	712.7	714.2	714.2	717.3	722.0	728.1	738.9	748.2	757.4
47.5°	678.8	675.7	671.0	669.5	672.6	672.6	672.6	678.8	689.6	692.6	701.9
50°	638.7	634.0	627.9	624.8	624.8	623.2	626.3	627.9	637.1	640.2	647.9
52.5°	595.5	592.4	586.2	580.0	581.6	578.5	580.0	581.6	584.7	589.3	593.9
55°	552.3	546.1	541.5	539.9	535.3	535.3	530.7	536.8	535.3	536.8	543.0
57.5°	510.6	504.4	496.7	493.6	489.0	487.5	484.4	482.8	484.4	489.0	493.6
60°	461.2	458.2	453.5	448.9	445.8	441.2	438.1	438.1	436.6	436.6	438.1
62.5°	413.4	411.9	405.7	404.2	401.1	398.0	393.4	390.3	390.3	393.4	394.9
65°	367.1	365.6	361.0	359.4	351.7	348.6	347.1	345.6	342.5	342.5	342.5
67.5°	324.0	319.3	319.3	311.6	305.4	302.4	299.3	297.7	297.7	297.7	299.3
70°	276.1	276.1	271.5	266.9	260.7	262.2	257.6	253.0	253.0	249.9	251.5
72.5°	229.9	228.3	223.7	222.1	217.5	212.9	209.8	212.9	208.3	206.7	208.3
75°	185.1	183.6	180.5	177.4	178.9	174.3	169.7	168.1	168.1	165.1	165.1
77.5°	141.9	145.0	138.8	137.3	134.2	131.1	129.6	128.0	128.0	128.0	131.1
80°	98.7	100.3	100.3	97.2	98.7	94.1	94.1	94.1	89.5	91.0	92.6
82.5°	63.2	63.2	61.7	63.2	61.7	61.7	60.2	60.2	58.6	58.6	60.2
85°	35.5	33.9	32.4	35.5	33.9	33.9	32.4	32.4	32.4	32.4	32.4
87.5°	7.7	9.3	9.3	9.3	9.3	10.8	10.8	10.8	12.3	12.3	12.3
90°	43.3	43.9	44.4	45.0	45.6	39.2	32.8	26.5	20.1	16.9	15.2
92.5°	41.6	41.3	41.0	40.7	40.4	40.1	39.8	39.5	39.2	39.1	37.9
95°	83.4	83.4	83.4	83.4	83.4	82.8	82.2	81.7	81.1	80.8	79.4
97.5°	130.3	130.3	130.3	130.3	130.3	129.1	128.0	126.8	125.7	125.1	123.8
100°	179.8	179.8	179.8	179.8	179.8	178.9	178.1	177.2	176.3	175.9	174.7
102.5°	234.4	234.1	233.8	233.5	233.2	232.0	230.9	229.7	228.6	228.0	227.1
105°	288.9	288.3	287.8	287.2	286.6	286.0	285.4	284.9	284.3	284.0	283.6
107.5°	346.5	346.2	345.9	345.6	345.3	345.3	345.3	345.3	345.3	345.3	344.7
110°	405.2	405.2	405.2	405.2	405.2	405.2	405.2	405.2	405.2	405.2	404.3

TEST NUMBER: P1029156

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	462.9	463.8	464.7	465.5	466.4	466.7	467.0	467.3	467.6	467.7	466.8
115°	525.2	525.5	525.8	526.1	526.4	527.0	527.6	528.1	528.7	529.0	528.1
117.5°	582.8	583.7	584.6	585.4	586.3	587.7	589.2	590.6	592.1	592.8	591.6
120°	643.6	643.6	643.6	643.6	643.6	645.9	648.3	650.6	652.9	654.1	652.9
122.5°	702.7	703.6	704.5	705.3	706.2	707.6	709.1	710.5	712.0	712.7	711.3
125°	762.6	763.5	764.4	765.2	766.1	767.0	767.8	768.7	769.6	770.0	768.7
127.5°	820.1	821.2	822.4	823.5	824.7	825.9	827.1	828.2	829.4	830.0	828.4
130°	881.1	881.7	882.2	882.8	883.4	884.0	884.6	885.1	885.7	886.0	884.1
132.5°	937.5	939.0	940.4	941.9	943.3	943.0	942.7	942.4	942.1	942.0	940.6
135°	996.8	997.1	997.4	997.7	998.0	997.4	996.8	996.3	995.7	995.4	993.8
137.5°	1051.6	1051.9	1052.2	1052.5	1052.8	1052.2	1051.6	1051.1	1050.5	1050.2	1048.9
140°	1107.5	1107.5	1107.5	1107.5	1107.5	1106.1	1104.6	1103.2	1101.7	1101.0	1099.7
142.5°	1158.2	1157.9	1157.6	1157.3	1157.0	1156.1	1155.3	1154.4	1153.5	1153.1	1151.8
145°	1209.0	1208.7	1208.4	1208.1	1207.8	1206.1	1204.3	1202.6	1200.9	1200.0	1199.0
147.5°	1254.4	1253.8	1253.3	1252.7	1252.1	1250.9	1249.8	1248.6	1247.5	1246.9	1245.6
150°	1297.3	1296.4	1295.5	1294.7	1293.8	1292.6	1291.5	1290.3	1289.2	1288.6	1287.7
152.5°	1340.1	1339.0	1337.8	1336.7	1335.5	1334.1	1332.6	1331.2	1329.7	1329.0	1328.1
155°	1375.2	1373.7	1372.3	1370.8	1369.4	1368.5	1367.7	1366.8	1365.9	1365.5	1365.1
157.5°	1410.1	1408.0	1406.0	1403.9	1401.9	1401.3	1400.7	1400.2	1399.6	1399.3	1399.0
160°	1438.8	1437.1	1435.4	1433.6	1431.9	1431.6	1431.3	1431.0	1430.7	1430.6	1430.3
162.5°	1466.1	1464.1	1462.0	1460.0	1458.0	1457.7	1457.4	1457.1	1456.8	1456.7	1456.7
165°	1488.2	1486.2	1484.1	1482.1	1480.1	1480.1	1480.1	1480.1	1480.1	1480.1	1480.2
167.5°	1507.8	1505.8	1503.7	1501.7	1499.7	1499.7	1499.7	1499.7	1499.7	1499.7	1500.1
170°	1523.4	1521.4	1519.3	1517.3	1515.3	1515.6	1515.9	1516.2	1516.5	1516.6	1517.0
172.5°	1535.1	1533.1	1531.0	1529.0	1527.0	1527.3	1527.6	1527.9	1528.2	1528.3	1528.7
175°	1543.0	1540.9	1538.9	1536.8	1534.8	1535.4	1536.0	1536.5	1537.1	1537.4	1537.8
177.5°	1547.0	1545.3	1543.5	1541.8	1540.0	1540.6	1541.2	1541.8	1542.4	1542.7	1543.1
180°	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0	1544.0

TEST NUMBER: P1029156

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	2007.0	2007.0	2007.0	2007.0
2.5°	1970.0	1970.0	1993.1	2017.8
5°	1926.8	1937.6	1974.6	2008.5
7.5°	1885.1	1903.6	1949.9	1993.1
10°	1834.2	1858.9	1916.0	1966.9
12.5°	1784.8	1808.0	1874.3	1931.4
15°	1715.4	1744.7	1815.7	1886.6
17.5°	1646.0	1675.3	1761.7	1845.0
20°	1564.2	1602.8	1700.0	1811.1
22.5°	1488.6	1536.5	1644.5	1733.9
25°	1405.3	1479.4	1579.7	1695.4
27.5°	1331.3	1405.3	1507.2	1624.4
30°	1248.0	1323.6	1428.5	1536.5
32.5°	1167.8	1237.2	1339.0	1471.7
35°	1084.5	1150.8	1249.5	1383.7
37.5°	1008.9	1073.7	1181.7	1305.1
40°	934.8	1002.7	1095.3	1218.7
42.5°	865.4	925.6	1008.9	1132.3
45°	802.2	845.4	922.5	1038.2
47.5°	735.8	774.4	845.4	961.1
50°	674.1	706.5	768.2	876.2
52.5°	614.0	641.7	698.8	785.2
55°	560.0	586.2	627.9	712.7
57.5°	504.4	524.5	564.6	632.5
60°	450.5	469.0	501.4	556.9
62.5°	396.5	411.9	442.7	487.5
65°	348.6	361.0	384.1	422.7
67.5°	302.4	310.1	328.6	359.4
70°	257.6	263.8	279.2	303.9
72.5°	209.8	216.0	232.9	249.9
75°	169.7	171.2	183.6	197.5
77.5°	132.7	131.1	140.4	151.2
80°	91.0	95.6	103.4	108.0
82.5°	61.7	63.2	66.3	69.4
85°	33.9	35.5	35.5	40.1
87.5°	13.9	15.4	15.4	17.0
90°	11.7	8.2	4.8	1.3
92.5°	35.6	33.3	31.0	28.7
95°	76.5	73.6	70.7	67.8
97.5°	121.2	118.6	116.0	113.4
100°	172.4	170.1	167.8	165.5
102.5°	225.4	223.7	221.9	220.2
105°	282.7	281.8	281.0	280.1
107.5°	343.6	342.4	341.3	340.1
110°	402.6	400.9	399.1	397.4

TEST NUMBER: P1029156

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	465.1	463.4	461.6	459.9
115°	526.4	524.7	522.9	521.2
117.5°	589.3	587.0	584.7	582.4
120°	650.6	648.3	645.9	643.6
122.5°	708.4	705.5	702.6	699.7
125°	766.1	763.5	760.9	758.3
127.5°	825.2	822.0	818.8	815.6
130°	880.3	876.6	872.8	869.0
132.5°	937.7	934.8	931.9	929.0
135°	990.6	987.5	984.3	981.1
137.5°	1046.3	1043.6	1041.0	1038.4
140°	1097.1	1094.4	1091.8	1089.2
142.5°	1149.2	1146.6	1144.0	1141.4
145°	1197.0	1194.9	1192.9	1190.9
147.5°	1243.0	1240.4	1237.8	1235.2
150°	1286.0	1284.3	1282.5	1280.8
152.5°	1326.4	1324.7	1322.9	1321.2
155°	1364.2	1363.3	1362.4	1361.5
157.5°	1398.4	1397.9	1397.3	1396.7
160°	1429.7	1429.2	1428.6	1428.0
162.5°	1456.7	1456.7	1456.7	1456.7
165°	1480.5	1480.8	1481.1	1481.4
167.5°	1501.0	1501.9	1502.7	1503.6
170°	1517.9	1518.8	1519.6	1520.5
172.5°	1529.6	1530.5	1531.3	1532.2
175°	1538.7	1539.6	1540.4	1541.3
177.5°	1544.0	1544.9	1545.7	1546.6
180°	1544.0	1544.0	1544.0	1544.0

(END OF REPORT)