

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: P1030943

Luminaire Tested: S123DIW-B775D1030UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1030943
REPORT IS A COMBINATION OF REPORTS P991854 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123DIW-B775D1030UB2750-4F0-XX-W2A-A_5000K
Description: Define 3 Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

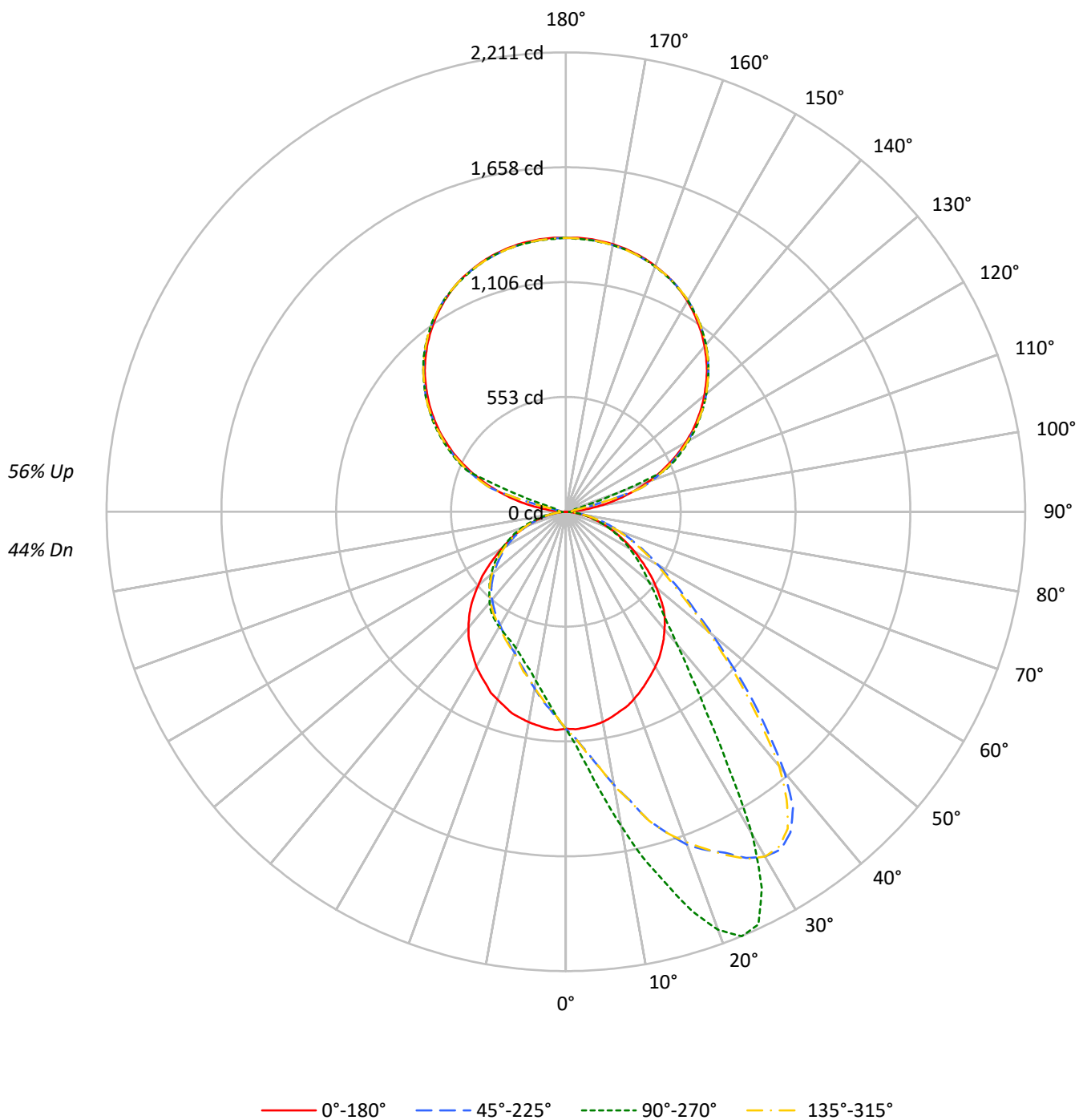
Lumens per Lamp: N/A
Luminaire Lumens: 7174.0 lumens
Efficiency: N/A
Efficacy: 106.4 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 67.4
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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	106	106	106	106	97	97	97	97	80	80	80	65	65	65	51	51	51
1	97	92	89	85	88	85	82	79	70	68	66	57	56	54	45	44	43
2	88	81	75	70	81	74	69	65	62	58	55	51	48	46	40	38	37
3	81	71	64	59	74	66	59	54	55	50	47	45	42	39	36	33	31
4	74	63	56	50	67	58	52	46	49	44	40	40	36	33	32	29	27
5	68	56	48	43	62	52	45	40	44	38	34	36	32	29	29	26	24
6	62	51	43	37	57	47	40	35	39	34	30	33	29	25	26	23	21
7	58	46	38	32	53	42	35	30	36	30	26	30	26	23	24	21	19
8	53	41	34	29	49	38	32	27	33	27	23	27	23	20	22	19	17
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	20	17	15
10	46	35	27	23	43	32	26	21	27	22	19	23	19	16	19	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11241	11241	11241	11241
5°	11248	12953	11282	9666
10°	11177	15673	11189	8442
15°	11023	18588	11113	7598
20°	10889	21401	10913	6992
25°	10693	21940	10716	6675
30°	10552	18127	10552	6468
35°	10377	12123	10311	6284
40°	10166	8751	10041	6004
45°	9904	6932	9619	5655
50°	9264	5887	8936	5313
55°	8563	5173	8215	4931
60°	7851	4504	7435	4530
65°	7071	3856	6728	3995
70°	6258	3201	5840	3369
75°	5352	2414	5006	2599
80°	4229	1612	3898	1709
85°	2920	740	2334	674

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 18129 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.7	1.4
10°-20°	329.9	4.6
20°-30°	555.1	7.7
30°-40°	627.3	8.7
40°-50°	561.8	7.8
50°-60°	453.5	6.3
60°-70°	316.0	4.4
70°-80°	165.9	2.3
80°-90°	42.4	0.6
90°-100°	46.5	0.6
100°-110°	224.8	3.1
110°-120°	550.8	7.7
120°-130°	699.3	9.7
130°-140°	747.0	10.4
140°-150°	698.6	9.7
150°-160°	563.5	7.9
160°-170°	363.6	5.1
170°-180°	125.3	1.7
0°-30°	987.7	13.8
0°-40°	1615.0	22.5
0°-60°	2630.3	36.7
0°-90°	3154.6	44.0
90°-120°	822.1	11.5
90°-150°	2967.0	41.4
90°-180°	4019.0	56.0
0°-180°	7174.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1044	1044	1044	1044	1044	
5°	1043	1241	1046	926	1043	99
15°	996	1847	1004	755	996	281
25°	911	2192	913	667	911	420
35°	804	1181	798	612	804	503
45°	667	638	648	520	667	510
55°	473	433	453	413	473	423
65°	292	281	278	291	292	291
75°	141	145	132	156	141	151
85°	30	33	24	30	30	35
90°	1	29	1	29	1	5
95°	60	37	60	37	60	71
105°	292	43	292	43	292	309
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	1285	1288	1285	1288	364
175°	1318	1314	1318	1314	1318	125
180°	1318	1318	1318	1318	1318	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3
2.5°	1047.4	1055.5	1059.5	1065.6	1071.7	1080.8	1083.8	1088.9	1086.8	1090.9	1092.9
5°	1043.3	1057.5	1069.6	1084.8	1099.0	1109.1	1119.2	1135.4	1147.6	1149.6	1158.7
7.5°	1036.2	1056.5	1077.7	1099.0	1126.3	1142.5	1160.7	1183.0	1201.2	1230.5	1241.7
10°	1027.1	1055.5	1085.8	1115.2	1152.6	1177.9	1200.2	1237.6	1275.1	1305.4	1333.8
12.5°	1013.0	1048.4	1087.9	1131.4	1179.9	1209.3	1239.7	1289.2	1345.9	1392.5	1422.8
15°	995.8	1040.3	1090.9	1137.4	1191.1	1245.7	1278.1	1333.8	1414.7	1458.2	1536.2
17.5°	981.6	1027.1	1077.7	1150.6	1223.5	1278.1	1301.4	1403.6	1459.2	1532.1	1620.2
20°	959.3	1017.0	1081.8	1154.6	1248.8	1282.2	1329.7	1432.9	1501.8	1596.9	1705.2
22.5°	936.1	997.8	1075.7	1151.6	1256.9	1292.3	1357.0	1439.0	1548.3	1642.4	1761.8
25°	910.8	977.6	1056.5	1146.6	1249.8	1301.4	1362.1	1463.3	1581.7	1700.1	1810.4
27.5°	885.5	958.3	1040.3	1130.4	1230.5	1291.3	1352.0	1457.2	1609.0	1737.5	1878.2
30°	861.2	934.0	1016.0	1108.1	1213.3	1272.0	1329.7	1461.3	1630.3	1775.0	1916.7
32.5°	834.9	909.8	995.8	1072.7	1178.9	1241.7	1306.4	1461.3	1643.4	1797.2	1926.8
35°	803.5	880.4	954.3	1031.2	1136.4	1206.3	1279.1	1451.2	1655.6	1804.3	1884.3
37.5°	773.1	840.9	904.7	979.6	1089.9	1164.8	1248.8	1439.0	1649.5	1774.0	1796.2
40°	738.7	806.5	858.1	928.0	1044.3	1131.4	1216.4	1422.8	1623.2	1702.1	1637.4
42.5°	705.3	759.0	803.5	871.3	997.8	1082.8	1174.9	1393.5	1571.6	1587.8	1442.0
45°	666.9	705.3	744.8	821.7	947.2	1034.2	1136.4	1351.0	1488.6	1442.0	1257.9
47.5°	617.3	651.7	695.2	766.1	893.6	983.6	1080.8	1296.3	1368.2	1271.0	1069.6
50°	569.7	599.1	639.6	708.4	836.9	924.9	1028.2	1210.3	1245.7	1092.9	921.9
52.5°	522.2	544.4	583.9	652.7	781.2	866.2	960.4	1122.3	1102.0	938.1	786.3
55°	472.6	491.8	529.3	597.1	716.5	797.4	887.5	1014.0	961.4	805.5	684.1
57.5°	424.0	444.3	482.7	539.4	651.7	730.6	802.5	901.7	822.7	698.3	591.0
60°	380.5	397.7	427.0	482.7	584.9	648.7	714.4	782.2	716.5	596.0	514.1
62.5°	335.0	351.2	378.5	429.1	517.1	573.8	626.4	682.1	609.2	521.2	448.3
65°	292.5	305.6	330.9	377.5	449.3	495.9	538.4	576.8	518.1	437.2	382.5
67.5°	254.0	265.1	286.4	327.9	388.6	422.0	456.4	488.8	439.2	374.4	327.9
70°	212.5	221.6	240.8	271.2	319.8	354.2	379.5	403.8	359.2	307.6	276.3
72.5°	176.1	185.2	197.3	228.7	262.1	283.3	310.7	323.8	298.5	256.0	224.7
75°	140.7	147.7	158.9	179.1	210.5	224.7	241.9	252.0	228.7	200.4	181.1
77.5°	110.3	113.3	121.4	135.6	156.9	173.0	186.2	192.3	176.1	157.9	141.7
80°	77.9	82.0	88.0	100.2	116.4	121.4	129.5	136.6	126.5	110.3	100.2
82.5°	51.6	56.7	59.7	64.8	74.9	81.0	83.0	89.1	79.9	73.9	69.8
85°	30.4	32.4	33.4	36.4	41.5	44.5	47.6	48.6	46.6	45.5	41.5
87.5°	15.2	15.2	15.2	17.2	18.2	20.2	21.3	21.3	21.3	20.2	19.2
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°	108.7	102.6	96.5	90.4	84.3	81.3	75.7	64.6	53.5	42.4	31.3
100°	165.5	169.9	174.2	178.6	182.9	185.1	168.1	134.2	100.2	66.3	32.3
102.5°	230.2	233.0	235.8	238.7	241.5	242.9	224.0	186.1	148.2	110.4	72.5
105°	291.9	294.3	296.7	299.1	301.5	302.7	292.9	273.3	253.7	234.1	214.5
107.5°	357.5	359.5	361.4	363.4	365.3	366.3	367.9	371.2	374.5	377.7	381.0
110°	423.2	424.9	426.7	428.4	430.1	431.0	432.2	434.6	437.0	439.4	441.8

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	485.8	487.3	488.9	490.4	491.9	492.7	493.9	496.3	498.7	501.1	503.5
115°	547.6	548.9	550.2	551.5	552.8	553.4	554.4	556.3	558.3	560.2	562.2
117.5°	608.3	609.8	611.3	612.8	614.3	615.1	615.6	616.7	617.8	618.9	620.0
120°	664.1	666.1	668.0	670.0	671.9	672.9	673.2	673.9	674.6	675.2	675.9
122.5°	720.9	722.4	724.0	725.5	727.0	727.8	728.2	729.1	730.0	730.8	731.7
125°	771.9	773.6	775.4	777.1	778.8	779.7	780.1	781.0	781.9	782.7	783.6
127.5°	822.8	824.5	826.3	828.0	829.7	830.6	831.1	832.2	833.3	834.4	835.5
130°	869.8	871.6	873.3	875.1	876.8	877.7	878.1	879.0	879.9	880.7	881.6
132.5°	914.9	916.6	918.4	920.1	921.8	922.7	923.0	923.7	924.3	925.0	925.6
135°	960.9	962.2	963.5	964.8	966.1	966.8	967.2	968.1	969.0	969.8	970.7
137.5°	1000.1	1001.8	1003.6	1005.3	1007.0	1007.9	1008.1	1008.6	1009.0	1009.5	1009.9
140°	1039.3	1040.6	1041.9	1043.2	1044.5	1045.2	1045.5	1046.2	1046.8	1047.5	1048.1
142.5°	1075.5	1076.8	1078.1	1079.4	1080.7	1081.4	1081.7	1082.4	1083.0	1083.7	1084.3
145°	1108.8	1110.3	1111.9	1113.4	1114.9	1115.7	1115.9	1116.3	1116.8	1117.2	1117.6
147.5°	1141.1	1142.2	1143.3	1144.4	1145.5	1146.0	1146.2	1146.7	1147.1	1147.6	1148.0
150°	1170.5	1171.2	1171.8	1172.5	1173.2	1173.5	1173.7	1174.1	1174.6	1175.0	1175.4
152.5°	1197.0	1197.2	1197.4	1197.7	1197.9	1198.0	1198.1	1198.3	1198.5	1198.7	1198.9
155°	1221.5	1221.1	1220.6	1220.2	1219.7	1219.5	1219.6	1219.8	1220.1	1220.3	1220.5
157.5°	1241.1	1241.1	1241.1	1241.1	1241.1	1241.1	1241.0	1240.8	1240.5	1240.3	1240.1
160°	1258.7	1258.5	1258.3	1258.0	1257.8	1257.7	1257.6	1257.4	1257.1	1256.9	1256.7
162.5°	1275.3	1274.7	1274.0	1273.4	1272.7	1272.4	1272.3	1272.1	1271.8	1271.6	1271.4
165°	1288.1	1287.4	1286.8	1286.1	1285.4	1285.1	1285.0	1284.8	1284.6	1284.4	1284.2
167.5°	1298.8	1297.9	1297.1	1296.2	1295.3	1294.9	1294.9	1294.9	1294.9	1294.9	1294.9
170°	1307.7	1306.8	1305.9	1305.0	1304.1	1303.7	1303.7	1303.7	1303.7	1303.7	1303.7
172.5°	1313.5	1312.4	1311.3	1310.2	1309.1	1308.6	1308.7	1308.9	1309.2	1309.4	1309.6
175°	1318.4	1317.3	1316.2	1315.1	1314.0	1313.5	1313.6	1313.8	1314.1	1314.3	1314.5
177.5°	1320.4	1319.3	1318.2	1317.1	1316.0	1315.5	1315.6	1315.8	1316.1	1316.3	1316.5
180°	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3
2.5°	1100.0	1102.0	1109.1	1114.2	1124.3	1123.3	1123.3	1122.3	1119.2	1124.3	1127.3
5°	1176.9	1194.1	1196.1	1218.4	1219.4	1228.5	1234.6	1229.5	1241.7	1240.7	1231.6
7.5°	1272.0	1295.3	1306.4	1327.7	1352.0	1345.9	1369.2	1373.2	1371.2	1381.3	1388.4
10°	1376.3	1416.7	1445.1	1484.5	1494.7	1500.7	1515.9	1529.1	1555.4	1535.1	1548.3
12.5°	1495.7	1525.0	1562.5	1625.2	1656.6	1676.8	1683.9	1693.0	1711.2	1700.1	1701.1
15°	1595.9	1635.3	1699.1	1777.0	1786.1	1811.4	1805.3	1860.0	1886.3	1846.8	1869.1
17.5°	1700.1	1752.7	1828.6	1896.4	1934.9	1952.1	1968.3	2020.9	2018.9	2012.8	2017.9
20°	1766.9	1852.9	1947.0	2037.1	2048.2	2061.4	2104.9	2127.1	2123.1	2140.3	2151.4
22.5°	1861.0	1952.1	2052.3	2112.0	2137.3	2152.4	2186.8	2201.0	2207.1	2211.1	2204.1
25°	1939.9	2037.1	2111.0	2163.6	2178.8	2186.8	2198.0	2202.0	2199.0	2191.9	2198.0
27.5°	1993.6	2071.5	2122.1	2146.4	2138.3	2125.1	2103.9	2089.7	2058.3	2043.2	2061.4
30°	2015.8	2050.2	2065.4	2024.9	1984.5	1952.1	1911.6	1836.7	1778.0	1795.2	1771.9
32.5°	1980.4	1958.1	1885.3	1781.1	1749.7	1697.1	1582.7	1494.7	1497.7	1451.2	1470.4
35°	1876.2	1775.0	1637.4	1479.5	1438.0	1409.7	1284.2	1265.0	1224.5	1181.0	1193.1
37.5°	1692.0	1544.3	1377.3	1260.9	1199.2	1137.4	1066.6	1024.1	999.8	981.6	995.8
40°	1467.3	1287.2	1149.6	1045.4	992.7	953.3	904.7	862.2	834.9	831.8	836.9
42.5°	1246.7	1094.9	968.4	869.3	852.1	805.5	774.2	740.8	732.7	719.5	726.6
45°	1055.5	932.0	827.8	746.8	726.6	714.4	676.0	654.7	645.6	637.5	649.7
47.5°	916.8	787.3	711.4	662.8	642.6	622.4	601.1	586.9	579.9	580.9	579.9
50°	783.3	688.1	621.3	583.9	571.8	557.6	540.4	531.3	528.2	519.1	526.2
52.5°	674.0	605.2	558.6	523.2	514.1	504.0	489.8	484.7	477.6	475.6	475.6
55°	585.9	532.3	494.8	471.6	460.4	452.3	444.3	438.2	433.1	433.1	433.1
57.5°	517.1	470.6	443.2	423.0	419.0	410.9	401.7	401.7	394.7	393.7	396.7
60°	458.4	416.9	395.7	378.5	372.4	370.4	361.3	361.3	359.2	354.2	358.2
62.5°	398.7	368.4	350.1	337.0	330.9	330.9	323.8	318.8	318.8	319.8	317.8
65°	344.1	321.8	305.6	295.5	292.5	288.4	287.4	283.3	280.3	281.3	280.3
67.5°	295.5	278.3	267.2	259.1	254.0	252.0	248.9	248.9	246.9	247.9	242.9
70°	252.0	234.8	225.7	217.6	215.5	215.5	211.5	212.5	210.5	213.5	211.5
72.5°	207.5	194.3	187.2	184.2	182.2	181.1	179.1	177.1	176.1	178.1	177.1
75°	168.0	156.9	151.8	149.8	147.7	147.7	146.7	145.7	144.7	144.7	144.7
77.5°	130.5	123.5	117.4	119.4	116.4	117.4	114.4	114.4	115.4	114.4	114.4
80°	96.1	91.1	91.1	89.1	85.0	87.0	87.0	84.0	83.0	85.0	82.0
82.5°	63.8	62.7	60.7	59.7	57.7	58.7	57.7	56.7	55.7	57.7	55.7
85°	37.4	37.4	36.4	34.4	36.4	35.4	34.4	34.4	33.4	33.4	33.4
87.5°	19.2	17.2	17.2	16.2	17.2	15.2	16.2	15.2	14.2	15.2	14.2
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	34.8	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	40.7	40.9	41.1	40.9
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°	176.0	137.4	98.9	60.4	41.1	41.3	41.8	42.2	42.7	43.1	42.7
107.5°	347.5	314.0	280.5	247.0	230.2	215.9	187.4	158.9	130.4	101.9	130.4
110°	434.6	427.4	420.2	413.0	409.4	393.8	362.7	331.6	300.5	269.4	300.5

TEST NUMBER: P1030943

CATALOG NUMBER: S123DIW-B775D1030UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	505.5	507.4	509.4	511.3	512.3	512.1	511.6	511.2	510.7	510.3	510.7
115°	564.4	566.6	568.7	570.9	572.0	572.4	573.3	574.2	575.1	576.0	575.1
117.5°	621.8	623.5	625.3	627.0	627.9	628.0	628.2	628.5	628.7	628.9	628.7
120°	677.6	679.4	681.1	682.8	683.7	683.7	683.7	683.7	683.7	683.7	683.7
122.5°	732.8	733.9	735.0	736.1	736.6	736.7	736.9	737.2	737.4	737.6	737.4
125°	784.0	784.5	784.9	785.4	785.6	785.8	786.2	786.7	787.1	787.5	787.1
127.5°	836.2	836.8	837.5	838.2	838.5	838.3	837.8	837.4	836.9	836.5	836.9
130°	882.5	883.3	884.2	885.1	885.5	885.3	884.8	884.4	883.9	883.5	883.9
132.5°	926.5	927.4	928.3	929.2	929.6	929.3	928.6	927.9	927.3	926.6	927.3
135°	971.3	972.0	972.6	973.3	973.6	973.3	972.6	972.0	971.3	970.7	971.3
137.5°	1011.0	1012.1	1013.2	1014.3	1014.8	1014.6	1014.1	1013.7	1013.2	1012.8	1013.2
140°	1049.0	1049.8	1050.7	1051.6	1052.0	1051.8	1051.3	1050.9	1050.4	1050.0	1050.4
142.5°	1085.0	1085.6	1086.3	1087.0	1087.3	1087.0	1086.3	1085.6	1085.0	1084.3	1085.0
145°	1118.0	1118.5	1118.9	1119.4	1119.6	1119.6	1119.6	1119.6	1119.6	1119.6	1119.6
147.5°	1148.4	1148.9	1149.3	1149.8	1150.0	1149.5	1148.4	1147.3	1146.2	1145.1	1146.2
150°	1175.8	1176.3	1176.7	1177.2	1177.4	1177.1	1176.4	1175.7	1175.1	1174.4	1175.1
152.5°	1199.8	1200.7	1201.6	1202.5	1202.9	1202.4	1201.3	1200.2	1199.1	1198.0	1199.1
155°	1221.6	1222.7	1223.8	1224.9	1225.4	1224.7	1223.4	1222.1	1220.8	1219.5	1220.8
157.5°	1241.4	1242.7	1244.0	1245.3	1246.0	1245.1	1243.4	1241.6	1239.9	1238.1	1239.9
160°	1258.0	1259.3	1260.6	1261.9	1262.6	1261.8	1260.3	1258.8	1257.2	1255.7	1257.2
162.5°	1272.9	1274.5	1276.0	1277.5	1278.3	1277.6	1276.3	1275.0	1273.7	1272.4	1273.7
165°	1285.9	1287.7	1289.4	1291.1	1292.0	1291.2	1289.7	1288.2	1286.6	1285.1	1286.6
167.5°	1296.7	1298.4	1300.2	1301.9	1302.8	1301.9	1300.2	1298.4	1296.7	1294.9	1296.7
170°	1305.5	1307.2	1309.0	1310.7	1311.6	1310.7	1309.0	1307.2	1305.5	1303.7	1305.5
172.5°	1311.4	1313.1	1314.9	1316.6	1317.5	1316.5	1314.5	1312.6	1310.6	1308.6	1310.6
175°	1316.0	1317.6	1319.1	1320.6	1321.4	1320.5	1318.8	1317.0	1315.3	1313.5	1315.3
177.5°	1318.2	1320.0	1321.7	1323.4	1324.3	1323.2	1321.0	1318.9	1316.7	1314.5	1316.7
180°	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4

TEST NUMBER: P1030943

CATALOG NUMBER: S123DIW-B775D1030UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3
2.5°	1119.2	1122.3	1114.2	1112.1	1112.1	1116.2	1113.2	1085.8	1090.9	1084.8	1082.8
5°	1242.7	1236.6	1228.5	1224.5	1219.4	1205.2	1204.2	1172.9	1166.8	1146.6	1137.4
7.5°	1378.3	1373.2	1348.9	1345.9	1343.9	1330.7	1297.3	1263.9	1239.7	1216.4	1194.1
10°	1533.1	1517.9	1506.8	1484.5	1473.4	1455.2	1411.7	1380.3	1338.8	1303.4	1256.9
12.5°	1719.3	1702.1	1664.7	1648.5	1634.3	1583.7	1540.2	1504.8	1423.8	1399.5	1341.9
15°	1855.9	1819.5	1815.5	1780.0	1778.0	1722.4	1639.4	1600.9	1538.2	1449.1	1389.4
17.5°	2003.7	1971.3	1946.0	1903.5	1897.4	1844.8	1784.1	1690.0	1621.2	1536.2	1460.3
20°	2112.0	2094.8	2051.2	2034.0	1998.6	1954.1	1891.4	1775.0	1691.0	1606.0	1512.9
22.5°	2198.0	2180.8	2146.4	2123.1	2102.9	2045.2	1970.3	1871.1	1755.8	1644.4	1548.3
25°	2197.0	2191.9	2177.7	2166.6	2151.4	2108.9	2046.2	1951.1	1822.5	1700.1	1566.5
27.5°	2072.5	2086.7	2111.0	2123.1	2120.1	2114.0	2078.6	1998.6	1883.3	1737.5	1587.8
30°	1813.4	1865.0	1910.6	1971.3	1989.5	2034.0	2054.3	2008.7	1916.7	1781.1	1615.1
32.5°	1503.8	1578.7	1677.8	1711.2	1768.9	1854.9	1951.1	1968.3	1910.6	1806.4	1632.3
35°	1233.6	1295.3	1372.2	1424.8	1476.5	1616.1	1737.5	1842.8	1862.0	1793.2	1628.2
37.5°	1021.1	1064.6	1132.4	1176.9	1224.5	1343.9	1513.9	1650.5	1746.6	1748.7	1617.1
40°	867.3	886.5	945.2	977.6	1023.1	1126.3	1278.1	1456.2	1596.9	1661.6	1587.8
42.5°	734.7	760.0	808.6	832.8	862.2	952.3	1052.4	1221.4	1395.5	1534.1	1533.1
45°	655.8	674.0	696.2	716.5	749.9	803.5	917.8	1044.3	1211.3	1368.2	1429.9
47.5°	585.9	603.1	625.4	631.5	653.7	704.3	774.2	884.5	1040.3	1196.1	1312.5
50°	527.2	541.4	556.6	567.7	577.8	619.3	671.9	765.0	889.5	1040.3	1185.0
52.5°	481.7	491.8	505.0	511.0	520.1	550.5	591.0	659.8	762.0	899.6	1040.3
55°	439.2	446.3	454.4	464.5	468.5	490.8	522.2	580.9	656.8	780.2	913.8
57.5°	399.7	402.8	407.8	413.9	419.0	438.2	465.5	505.0	571.8	666.9	793.4
60°	355.2	363.3	366.3	372.4	375.4	390.6	411.9	445.3	496.9	578.8	674.0
62.5°	317.8	322.8	327.9	330.9	338.0	343.1	360.3	390.6	433.1	493.8	579.9
65°	284.4	286.4	289.4	292.5	294.5	300.6	316.7	337.0	369.4	423.0	489.8
67.5°	245.9	247.9	252.0	253.0	255.0	263.1	272.2	289.4	316.7	357.2	411.9
70°	208.5	211.5	213.5	215.5	218.6	221.6	231.7	245.9	267.2	295.5	338.0
72.5°	176.1	179.1	179.1	181.1	180.1	184.2	194.3	204.4	218.6	241.9	279.3
75°	143.7	143.7	145.7	146.7	147.7	151.8	155.8	163.9	175.1	193.3	216.6
77.5°	113.3	112.3	114.4	114.4	114.4	117.4	121.4	125.5	132.6	145.7	163.9
80°	83.0	83.0	85.0	86.0	84.0	85.0	87.0	91.1	96.1	105.2	115.4
82.5°	54.6	58.7	57.7	58.7	57.7	59.7	60.7	61.7	63.8	67.8	74.9
85°	33.4	33.4	33.4	34.4	33.4	34.4	34.4	34.4	35.4	37.4	40.5
87.5°	14.2	14.2	14.2	15.2	14.2	14.2	15.2	14.2	15.2	15.2	16.2
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	34.8	33.1	31.3	42.4	53.5
100°	40.7	40.5	40.3	40.2	39.3	37.6	35.8	34.1	32.3	66.3	100.2
102.5°	41.3	40.8	40.4	40.2	43.8	51.0	58.1	65.3	72.5	110.4	148.2
105°	42.2	41.8	41.3	41.1	60.4	98.9	137.4	176.0	214.5	234.1	253.7
107.5°	158.9	187.4	215.9	230.2	247.0	280.5	314.0	347.5	381.0	377.7	374.5
110°	331.6	362.7	393.8	409.4	413.0	420.2	427.4	434.6	441.8	439.4	437.0

TEST NUMBER: P1030943

CATALOG NUMBER: S123DIW-B775D1030UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	511.2	511.6	512.1	512.3	511.3	509.4	507.4	505.5	503.5	501.1	498.7
115°	574.2	573.3	572.4	572.0	570.9	568.7	566.6	564.4	562.2	560.2	558.3
117.5°	628.5	628.2	628.0	627.9	627.0	625.3	623.5	621.8	620.0	618.9	617.8
120°	683.7	683.7	683.7	683.7	682.8	681.1	679.4	677.6	675.9	675.2	674.6
122.5°	737.2	736.9	736.7	736.6	736.1	735.0	733.9	732.8	731.7	730.8	730.0
125°	786.7	786.2	785.8	785.6	785.4	784.9	784.5	784.0	783.6	782.7	781.9
127.5°	837.4	837.8	838.3	838.5	838.2	837.5	836.8	836.2	835.5	834.4	833.3
130°	884.4	884.8	885.3	885.5	885.1	884.2	883.3	882.5	881.6	880.7	879.9
132.5°	927.9	928.6	929.3	929.6	929.2	928.3	927.4	926.5	925.6	925.0	924.3
135°	972.0	972.6	973.3	973.6	973.3	972.6	972.0	971.3	970.7	969.8	969.0
137.5°	1013.7	1014.1	1014.6	1014.8	1014.3	1013.2	1012.1	1011.0	1009.9	1009.5	1009.0
140°	1050.9	1051.3	1051.8	1052.0	1051.6	1050.7	1049.8	1049.0	1048.1	1047.5	1046.8
142.5°	1085.6	1086.3	1087.0	1087.3	1087.0	1086.3	1085.6	1085.0	1084.3	1083.7	1083.0
145°	1119.6	1119.6	1119.6	1119.6	1119.4	1118.9	1118.5	1118.0	1117.6	1117.2	1116.8
147.5°	1147.3	1148.4	1149.5	1150.0	1149.8	1149.3	1148.9	1148.4	1148.0	1147.6	1147.1
150°	1175.7	1176.4	1177.1	1177.4	1177.2	1176.7	1176.3	1175.8	1175.4	1175.0	1174.6
152.5°	1200.2	1201.3	1202.4	1202.9	1202.5	1201.6	1200.7	1199.8	1198.9	1198.7	1198.5
155°	1222.1	1223.4	1224.7	1225.4	1224.9	1223.8	1222.7	1221.6	1220.5	1220.3	1220.1
157.5°	1241.6	1243.4	1245.1	1246.0	1245.3	1244.0	1242.7	1241.4	1240.1	1240.3	1240.5
160°	1258.8	1260.3	1261.8	1262.6	1261.9	1260.6	1259.3	1258.0	1256.7	1256.9	1257.1
162.5°	1275.0	1276.3	1277.6	1278.3	1277.5	1276.0	1274.5	1272.9	1271.4	1271.6	1271.8
165°	1288.2	1289.7	1291.2	1292.0	1291.1	1289.4	1287.7	1285.9	1284.2	1284.4	1284.6
167.5°	1298.4	1300.2	1301.9	1302.8	1301.9	1300.2	1298.4	1296.7	1294.9	1294.9	1294.9
170°	1307.2	1309.0	1310.7	1311.6	1310.7	1309.0	1307.2	1305.5	1303.7	1303.7	1303.7
172.5°	1312.6	1314.5	1316.5	1317.5	1316.6	1314.9	1313.1	1311.4	1309.6	1309.4	1309.2
175°	1317.0	1318.8	1320.5	1321.4	1320.6	1319.1	1317.6	1316.0	1314.5	1314.3	1314.1
177.5°	1318.9	1321.0	1323.2	1324.3	1323.4	1321.7	1320.0	1318.2	1316.5	1316.3	1316.1
180°	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3
2.5°	1072.7	1069.6	1069.6	1067.6	1061.5	1050.4	1049.4	1051.4	1045.4	1039.3	1030.2
5°	1125.3	1106.1	1100.0	1093.9	1081.8	1061.5	1053.5	1046.4	1035.2	1022.1	1007.9
7.5°	1169.8	1142.5	1134.4	1123.3	1099.0	1070.7	1052.4	1037.3	1022.1	1003.9	986.7
10°	1225.5	1186.0	1166.8	1150.6	1117.2	1077.7	1050.4	1028.2	1003.9	981.6	959.3
12.5°	1288.2	1224.5	1218.4	1178.9	1140.5	1081.8	1048.4	1016.0	983.6	956.3	933.0
15°	1340.8	1271.0	1245.7	1219.4	1145.5	1072.7	1040.3	1003.9	966.4	937.1	902.7
17.5°	1374.2	1316.6	1262.9	1227.5	1150.6	1085.8	1023.1	981.6	942.1	901.7	873.3
20°	1414.7	1330.7	1284.2	1236.6	1160.7	1075.7	1013.0	961.4	912.8	876.4	842.0
22.5°	1455.2	1341.9	1303.4	1251.8	1162.7	1065.6	994.8	943.1	887.5	851.1	813.6
25°	1451.2	1358.1	1294.3	1250.8	1142.5	1056.5	973.5	912.8	861.2	814.6	777.2
27.5°	1454.2	1339.8	1275.1	1224.5	1128.3	1043.3	951.2	887.5	833.9	785.3	745.8
30°	1455.2	1312.5	1255.8	1195.1	1102.0	1012.0	925.9	861.2	804.5	751.9	716.5
32.5°	1452.2	1290.3	1219.4	1164.8	1060.5	981.6	896.6	827.8	770.1	721.5	688.1
35°	1445.1	1263.9	1182.0	1113.2	1018.0	938.1	869.3	798.4	736.7	692.2	653.7
37.5°	1425.9	1235.6	1142.5	1074.7	968.4	887.5	826.8	768.1	708.4	655.8	623.4
40°	1411.7	1197.2	1103.0	1029.2	914.8	835.9	785.3	729.6	670.9	623.4	592.0
42.5°	1379.3	1160.7	1062.6	974.5	862.2	781.2	733.7	689.1	638.5	592.0	563.7
45°	1326.7	1121.3	1013.0	923.9	804.5	727.6	684.1	647.7	603.1	558.6	530.3
47.5°	1252.8	1064.6	960.4	871.3	747.8	669.9	626.4	599.1	563.7	526.2	501.9
50°	1172.9	1002.9	906.7	818.7	693.2	617.3	574.8	549.5	526.2	491.8	468.5
52.5°	1068.6	937.1	845.0	761.0	634.5	561.6	524.2	506.0	481.7	457.4	437.2
55°	967.4	852.1	776.2	696.2	576.8	509.0	472.6	453.4	439.2	419.0	402.8
57.5°	850.0	773.1	703.3	630.5	523.2	461.5	427.0	403.8	394.7	385.6	370.4
60°	741.8	683.1	626.4	565.7	467.5	411.9	378.5	360.3	351.2	345.1	335.0
62.5°	642.6	597.1	548.5	499.9	410.9	360.3	335.0	316.7	308.6	307.6	298.5
65°	547.5	515.1	475.6	428.1	358.2	313.7	289.4	278.3	269.2	269.2	262.1
67.5°	452.3	430.1	398.7	365.3	310.7	269.2	246.9	236.8	231.7	231.7	226.7
70°	376.4	361.3	332.9	303.6	256.0	224.7	207.5	198.3	195.3	196.3	192.3
72.5°	305.6	289.4	266.1	244.9	209.5	186.2	174.1	163.9	158.9	159.9	158.9
75°	236.8	228.7	208.5	192.3	163.9	147.7	136.6	131.6	127.5	128.5	126.5
77.5°	178.1	166.0	154.8	143.7	126.5	113.3	104.2	99.2	96.1	96.1	96.1
80°	121.4	119.4	110.3	104.2	90.1	79.9	72.9	71.8	68.8	68.8	68.8
82.5°	78.9	73.9	68.8	64.8	56.7	50.6	47.6	45.5	44.5	43.5	45.5
85°	43.5	40.5	38.5	34.4	31.4	28.3	25.3	24.3	23.3	24.3	23.3
87.5°	17.2	14.2	14.2	13.2	12.1	11.1	11.1	9.1	9.1	8.1	8.1
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°	64.6	75.7	81.3	84.3	90.4	96.5	102.6	108.7	102.6	96.5	90.4
100°	134.2	168.1	185.1	182.9	178.6	174.2	169.9	165.5	169.9	174.2	178.6
102.5°	186.1	224.0	242.9	241.5	238.7	235.8	233.0	230.2	233.0	235.8	238.7
105°	273.3	292.9	302.7	301.5	299.1	296.7	294.3	291.9	294.3	296.7	299.1
107.5°	371.2	367.9	366.3	365.3	363.4	361.4	359.5	357.5	359.5	361.4	363.4
110°	434.6	432.2	431.0	430.1	428.4	426.7	424.9	423.2	424.9	426.7	428.4

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	496.3	493.9	492.7	491.9	490.4	488.9	487.3	485.8	487.3	488.9	490.4
115°	556.3	554.4	553.4	552.8	551.5	550.2	548.9	547.6	548.9	550.2	551.5
117.5°	616.7	615.6	615.1	614.3	612.8	611.3	609.8	608.3	609.8	611.3	612.8
120°	673.9	673.2	672.9	671.9	670.0	668.0	666.1	664.1	666.1	668.0	670.0
122.5°	729.1	728.2	727.8	727.0	725.5	724.0	722.4	720.9	722.4	724.0	725.5
125°	781.0	780.1	779.7	778.8	777.1	775.4	773.6	771.9	773.6	775.4	777.1
127.5°	832.2	831.1	830.6	829.7	828.0	826.3	824.5	822.8	824.5	826.3	828.0
130°	879.0	878.1	877.7	876.8	875.1	873.3	871.6	869.8	871.6	873.3	875.1
132.5°	923.7	923.0	922.7	921.8	920.1	918.4	916.6	914.9	916.6	918.4	920.1
135°	968.1	967.2	966.8	966.1	964.8	963.5	962.2	960.9	962.2	963.5	964.8
137.5°	1008.6	1008.1	1007.9	1007.0	1005.3	1003.6	1001.8	1000.1	1001.8	1003.6	1005.3
140°	1046.2	1045.5	1045.2	1044.5	1043.2	1041.9	1040.6	1039.3	1040.6	1041.9	1043.2
142.5°	1082.4	1081.7	1081.4	1080.7	1079.4	1078.1	1076.8	1075.5	1076.8	1078.1	1079.4
145°	1116.3	1115.9	1115.7	1114.9	1113.4	1111.9	1110.3	1108.8	1110.3	1111.9	1113.4
147.5°	1146.7	1146.2	1146.0	1145.5	1144.4	1143.3	1142.2	1141.1	1142.2	1143.3	1144.4
150°	1174.1	1173.7	1173.5	1173.2	1172.5	1171.8	1171.2	1170.5	1171.2	1171.8	1172.5
152.5°	1198.3	1198.1	1198.0	1197.9	1197.7	1197.4	1197.2	1197.0	1197.2	1197.4	1197.7
155°	1219.8	1219.6	1219.5	1219.7	1220.2	1220.6	1221.1	1221.5	1221.1	1220.6	1220.2
157.5°	1240.8	1241.0	1241.1	1241.1	1241.1	1241.1	1241.1	1241.1	1241.1	1241.1	1241.1
160°	1257.4	1257.6	1257.7	1257.8	1258.0	1258.3	1258.5	1258.7	1258.5	1258.3	1258.0
162.5°	1272.1	1272.3	1272.4	1272.7	1273.4	1274.0	1274.7	1275.3	1274.7	1274.0	1273.4
165°	1284.8	1285.0	1285.1	1285.4	1286.1	1286.8	1287.4	1288.1	1287.4	1286.8	1286.1
167.5°	1294.9	1294.9	1294.9	1295.3	1296.2	1297.1	1297.9	1298.8	1297.9	1297.1	1296.2
170°	1303.7	1303.7	1303.7	1304.1	1305.0	1305.9	1306.8	1307.7	1306.8	1305.9	1305.0
172.5°	1308.9	1308.7	1308.6	1309.1	1310.2	1311.3	1312.4	1313.5	1312.4	1311.3	1310.2
175°	1313.8	1313.6	1313.5	1314.0	1315.1	1316.2	1317.3	1318.4	1317.3	1316.2	1315.1
177.5°	1315.8	1315.6	1315.5	1316.0	1317.1	1318.2	1319.3	1320.4	1319.3	1318.2	1317.1
180°	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3
2.5°	1028.2	1027.1	1029.2	1023.1	1013.0	1007.9	993.7	990.7	989.7	990.7	991.7
5°	999.8	998.8	995.8	985.7	973.5	964.4	947.2	946.2	940.1	934.0	937.1
7.5°	972.5	968.4	962.4	949.2	933.0	922.9	908.7	898.6	890.5	885.5	881.4
10°	945.2	939.1	933.0	915.8	895.6	880.4	863.2	855.1	846.0	842.0	837.9
12.5°	909.8	903.7	892.6	872.3	860.2	840.9	823.7	815.6	810.6	802.5	797.4
15°	881.4	869.3	863.2	842.0	816.7	814.6	783.3	781.2	771.1	771.1	763.0
17.5°	849.0	839.9	828.8	807.5	789.3	771.1	754.9	748.9	739.7	737.7	733.7
20°	817.7	805.5	801.5	780.2	761.0	738.7	721.5	715.5	711.4	707.4	710.4
22.5°	785.3	775.2	765.0	745.8	731.6	709.4	699.3	693.2	687.1	685.1	686.1
25°	753.9	744.8	734.7	715.5	700.3	682.1	673.0	669.9	666.9	666.9	665.9
27.5°	723.6	714.4	705.3	688.1	673.0	659.8	652.7	649.7	646.6	648.7	650.7
30°	692.2	684.1	676.0	660.8	648.7	636.5	632.5	630.5	629.4	634.5	634.5
32.5°	663.8	656.8	650.7	636.5	624.4	614.3	611.2	612.2	613.2	616.3	618.3
35°	634.5	629.4	623.4	611.2	601.1	592.0	593.0	593.0	595.0	600.1	604.1
37.5°	608.2	601.1	596.0	585.9	577.8	569.7	572.8	575.8	577.8	583.9	585.9
40°	576.8	573.8	569.7	559.6	552.5	551.5	552.5	554.6	558.6	561.6	564.7
42.5°	551.5	547.5	542.4	534.3	528.2	529.3	530.3	532.3	534.3	539.4	542.4
45°	523.2	520.1	516.1	509.0	504.0	505.0	506.0	506.0	508.0	514.1	516.1
47.5°	491.8	492.8	487.8	480.7	477.6	477.6	477.6	479.7	484.7	486.8	487.8
50°	461.5	459.4	458.4	451.3	449.3	448.3	449.3	450.3	457.4	456.4	459.4
52.5°	429.1	429.1	428.1	424.0	421.0	421.0	419.0	424.0	426.0	428.1	431.1
55°	397.7	394.7	393.7	391.6	387.6	386.6	388.6	394.7	396.7	398.7	401.7
57.5°	363.3	363.3	361.3	358.2	358.2	358.2	358.2	362.3	365.3	367.3	373.4
60°	331.9	327.9	324.8	324.8	324.8	323.8	329.9	329.9	336.0	337.0	339.0
62.5°	294.5	292.5	290.4	291.4	290.4	292.5	294.5	298.5	299.5	302.6	305.6
65°	259.1	259.1	257.0	263.1	259.1	259.1	264.1	264.1	266.1	269.2	273.2
67.5°	224.7	225.7	223.6	223.6	225.7	226.7	227.7	231.7	232.8	236.8	241.9
70°	189.2	191.3	192.3	190.2	192.3	194.3	196.3	197.3	201.4	203.4	206.4
72.5°	157.9	159.9	156.9	157.9	158.9	160.9	161.9	163.9	166.0	172.0	174.1
75°	126.5	125.5	124.5	128.5	126.5	130.5	131.6	131.6	133.6	138.6	140.7
77.5°	97.1	97.1	98.2	96.1	99.2	98.2	99.2	102.2	105.2	105.2	113.3
80°	67.8	69.8	69.8	69.8	70.8	71.8	69.8	74.9	75.9	75.9	78.9
82.5°	43.5	44.5	43.5	45.5	45.5	47.6	46.6	47.6	49.6	51.6	52.6
85°	23.3	23.3	25.3	25.3	24.3	25.3	24.3	25.3	27.3	27.3	28.3
87.5°	8.1	8.1	8.1	8.1	9.1	8.1	9.1	9.1	8.1	8.1	11.1
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°	84.3	81.3	75.7	64.6	53.5	42.4	31.3	33.1	34.8	36.6	38.3
100°	182.9	185.1	168.1	134.2	100.2	66.3	32.3	34.1	35.8	37.6	39.3
102.5°	241.5	242.9	224.0	186.1	148.2	110.4	72.5	65.3	58.1	51.0	43.8
105°	301.5	302.7	292.9	273.3	253.7	234.1	214.5	176.0	137.4	98.9	60.4
107.5°	365.3	366.3	367.9	371.2	374.5	377.7	381.0	347.5	314.0	280.5	247.0
110°	430.1	431.0	432.2	434.6	437.0	439.4	441.8	434.6	427.4	420.2	413.0

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	491.9	492.7	493.9	496.3	498.7	501.1	503.5	505.5	507.4	509.4	511.3
115°	552.8	553.4	554.4	556.3	558.3	560.2	562.2	564.4	566.6	568.7	570.9
117.5°	614.3	615.1	615.6	616.7	617.8	618.9	620.0	621.8	623.5	625.3	627.0
120°	671.9	672.9	673.2	673.9	674.6	675.2	675.9	677.6	679.4	681.1	682.8
122.5°	727.0	727.8	728.2	729.1	730.0	730.8	731.7	732.8	733.9	735.0	736.1
125°	778.8	779.7	780.1	781.0	781.9	782.7	783.6	784.0	784.5	784.9	785.4
127.5°	829.7	830.6	831.1	832.2	833.3	834.4	835.5	836.2	836.8	837.5	838.2
130°	876.8	877.7	878.1	879.0	879.9	880.7	881.6	882.5	883.3	884.2	885.1
132.5°	921.8	922.7	923.0	923.7	924.3	925.0	925.6	926.5	927.4	928.3	929.2
135°	966.1	966.8	967.2	968.1	969.0	969.8	970.7	971.3	972.0	972.6	973.3
137.5°	1007.0	1007.9	1008.1	1008.6	1009.0	1009.5	1009.9	1011.0	1012.1	1013.2	1014.3
140°	1044.5	1045.2	1045.5	1046.2	1046.8	1047.5	1048.1	1049.0	1049.8	1050.7	1051.6
142.5°	1080.7	1081.4	1081.7	1082.4	1083.0	1083.7	1084.3	1085.0	1085.6	1086.3	1087.0
145°	1114.9	1115.7	1115.9	1116.3	1116.8	1117.2	1117.6	1118.0	1118.5	1118.9	1119.4
147.5°	1145.5	1146.0	1146.2	1146.7	1147.1	1147.6	1148.0	1148.4	1148.9	1149.3	1149.8
150°	1173.2	1173.5	1173.7	1174.1	1174.6	1175.0	1175.4	1175.8	1176.3	1176.7	1177.2
152.5°	1197.9	1198.0	1198.1	1198.3	1198.5	1198.7	1198.9	1199.8	1200.7	1201.6	1202.5
155°	1219.7	1219.5	1219.6	1219.8	1220.1	1220.3	1220.5	1221.6	1222.7	1223.8	1224.9
157.5°	1241.1	1241.1	1241.0	1240.8	1240.5	1240.3	1240.1	1241.4	1242.7	1244.0	1245.3
160°	1257.8	1257.7	1257.6	1257.4	1257.1	1256.9	1256.7	1258.0	1259.3	1260.6	1261.9
162.5°	1272.7	1272.4	1272.3	1272.1	1271.8	1271.6	1271.4	1272.9	1274.5	1276.0	1277.5
165°	1285.4	1285.1	1285.0	1284.8	1284.6	1284.4	1284.2	1285.9	1287.7	1289.4	1291.1
167.5°	1295.3	1294.9	1294.9	1294.9	1294.9	1294.9	1294.9	1296.7	1298.4	1300.2	1301.9
170°	1304.1	1303.7	1303.7	1303.7	1303.7	1303.7	1303.7	1305.5	1307.2	1309.0	1310.7
172.5°	1309.1	1308.6	1308.7	1308.9	1309.2	1309.4	1309.6	1311.4	1313.1	1314.9	1316.6
175°	1314.0	1313.5	1313.6	1313.8	1314.1	1314.3	1314.5	1316.0	1317.6	1319.1	1320.6
177.5°	1316.0	1315.5	1315.6	1315.8	1316.1	1316.3	1316.5	1318.2	1320.0	1321.7	1323.4
180°	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3
2.5°	990.7	991.7	987.7	984.6	992.7	987.7	987.7	988.7	986.7	989.7	988.7
5°	935.1	936.1	929.0	931.0	927.0	925.9	924.9	931.0	930.0	929.0	931.0
7.5°	880.4	880.4	877.4	875.3	875.3	872.3	876.4	875.3	877.4	877.4	880.4
10°	834.9	836.9	831.8	826.8	825.8	826.8	826.8	827.8	828.8	835.9	834.9
12.5°	797.4	794.4	793.4	790.3	785.3	783.3	781.2	792.4	789.3	789.3	789.3
15°	755.9	763.0	762.0	752.9	750.9	754.9	752.9	752.9	763.0	762.0	761.0
17.5°	733.7	731.6	729.6	724.6	725.6	724.6	725.6	725.6	731.6	731.6	731.6
20°	708.4	704.3	704.3	702.3	702.3	699.3	703.3	704.3	708.4	708.4	709.4
22.5°	686.1	683.1	683.1	682.1	684.1	680.0	684.1	685.1	685.1	688.1	688.1
25°	666.9	664.9	664.9	666.9	666.9	666.9	666.9	670.9	667.9	668.9	667.9
27.5°	649.7	650.7	651.7	652.7	651.7	652.7	653.7	655.8	656.8	655.8	653.7
30°	633.5	636.5	637.5	637.5	639.6	640.6	641.6	641.6	642.6	639.6	641.6
32.5°	621.3	621.3	623.4	624.4	626.4	627.4	627.4	629.4	628.4	625.4	626.4
35°	604.1	604.1	608.2	610.2	613.2	612.2	613.2	613.2	614.3	612.2	609.2
37.5°	586.9	589.0	589.0	593.0	594.0	595.0	594.0	596.0	595.0	593.0	592.0
40°	566.7	565.7	566.7	569.7	570.7	570.7	570.7	572.8	572.8	572.8	571.8
42.5°	541.4	544.4	543.4	546.5	545.4	545.4	547.5	549.5	550.5	547.5	548.5
45°	517.1	517.1	519.1	519.1	520.1	520.1	524.2	522.2	524.2	522.2	523.2
47.5°	490.8	491.8	491.8	492.8	494.8	496.9	494.8	495.9	495.9	496.9	494.8
50°	461.5	461.5	463.5	466.5	470.6	468.5	467.5	471.6	468.5	468.5	466.5
52.5°	431.1	434.1	435.1	438.2	441.2	442.2	443.2	441.2	442.2	439.2	440.2
55°	401.7	402.8	406.8	409.8	412.9	412.9	411.9	412.9	413.9	409.8	409.8
57.5°	372.4	375.4	379.5	379.5	383.5	383.5	382.5	382.5	383.5	380.5	379.5
60°	341.0	344.1	349.1	349.1	355.2	356.2	354.2	352.2	352.2	349.1	350.1
62.5°	307.6	310.7	313.7	318.8	322.8	320.8	324.8	320.8	321.8	315.7	315.7
65°	278.3	279.3	284.4	289.4	289.4	291.4	289.4	290.4	287.4	287.4	283.3
67.5°	243.9	243.9	248.9	254.0	259.1	259.1	259.1	256.0	256.0	253.0	253.0
70°	213.5	212.5	217.6	220.6	223.6	224.7	222.6	221.6	219.6	216.6	215.5
72.5°	176.1	178.1	183.2	185.2	190.2	189.2	194.3	188.2	188.2	183.2	182.2
75°	142.7	144.7	149.8	152.8	155.8	155.8	158.9	155.8	151.8	149.8	148.8
77.5°	113.3	112.3	116.4	121.4	122.4	121.4	123.5	122.4	118.4	118.4	116.4
80°	81.0	84.0	88.0	87.0	91.1	90.1	90.1	88.0	88.0	85.0	87.0
82.5°	53.6	56.7	57.7	56.7	57.7	59.7	60.7	59.7	59.7	57.7	58.7
85°	28.3	28.3	30.4	31.4	30.4	30.4	31.4	34.4	32.4	30.4	32.4
87.5°	9.1	8.1	8.1	9.1	8.1	8.1	9.1	9.1	10.1	10.1	10.1
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	40.7	40.9	41.1	40.9	40.7	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°	41.1	41.3	41.8	42.2	42.7	43.1	42.7	42.2	41.8	41.3	41.1
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°	409.4	393.8	362.7	331.6	300.5	269.4	300.5	331.6	362.7	393.8	409.4

TEST NUMBER: P1030943

CATALOG NUMBER: S123DIW-B775D1030UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	512.3	512.1	511.6	511.2	510.7	510.3	510.7	511.2	511.6	512.1	512.3
115°	572.0	572.4	573.3	574.2	575.1	576.0	575.1	574.2	573.3	572.4	572.0
117.5°	627.9	628.0	628.2	628.5	628.7	628.9	628.7	628.5	628.2	628.0	627.9
120°	683.7	683.7	683.7	683.7	683.7	683.7	683.7	683.7	683.7	683.7	683.7
122.5°	736.6	736.7	736.9	737.2	737.4	737.6	737.4	737.2	736.9	736.7	736.6
125°	785.6	785.8	786.2	786.7	787.1	787.5	787.1	786.7	786.2	785.8	785.6
127.5°	838.5	838.3	837.8	837.4	836.9	836.5	836.9	837.4	837.8	838.3	838.5
130°	885.5	885.3	884.8	884.4	883.9	883.5	883.9	884.4	884.8	885.3	885.5
132.5°	929.6	929.3	928.6	927.9	927.3	926.6	927.3	927.9	928.6	929.3	929.6
135°	973.6	973.3	972.6	972.0	971.3	970.7	971.3	972.0	972.6	973.3	973.6
137.5°	1014.8	1014.6	1014.1	1013.7	1013.2	1012.8	1013.2	1013.7	1014.1	1014.6	1014.8
140°	1052.0	1051.8	1051.3	1050.9	1050.4	1050.0	1050.4	1050.9	1051.3	1051.8	1052.0
142.5°	1087.3	1087.0	1086.3	1085.6	1085.0	1084.3	1085.0	1085.6	1086.3	1087.0	1087.3
145°	1119.6	1119.6	1119.6	1119.6	1119.6	1119.6	1119.6	1119.6	1119.6	1119.6	1119.6
147.5°	1150.0	1149.5	1148.4	1147.3	1146.2	1145.1	1146.2	1147.3	1148.4	1149.5	1150.0
150°	1177.4	1177.1	1176.4	1175.7	1175.1	1174.4	1175.1	1175.7	1176.4	1177.1	1177.4
152.5°	1202.9	1202.4	1201.3	1200.2	1199.1	1198.0	1199.1	1200.2	1201.3	1202.4	1202.9
155°	1225.4	1224.7	1223.4	1222.1	1220.8	1219.5	1220.8	1222.1	1223.4	1224.7	1225.4
157.5°	1246.0	1245.1	1243.4	1241.6	1239.9	1238.1	1239.9	1241.6	1243.4	1245.1	1246.0
160°	1262.6	1261.8	1260.3	1258.8	1257.2	1255.7	1257.2	1258.8	1260.3	1261.8	1262.6
162.5°	1278.3	1277.6	1276.3	1275.0	1273.7	1272.4	1273.7	1275.0	1276.3	1277.6	1278.3
165°	1292.0	1291.2	1289.7	1288.2	1286.6	1285.1	1286.6	1288.2	1289.7	1291.2	1292.0
167.5°	1302.8	1301.9	1300.2	1298.4	1296.7	1294.9	1296.7	1298.4	1300.2	1301.9	1302.8
170°	1311.6	1310.7	1309.0	1307.2	1305.5	1303.7	1305.5	1307.2	1309.0	1310.7	1311.6
172.5°	1317.5	1316.5	1314.5	1312.6	1310.6	1308.6	1310.6	1312.6	1314.5	1316.5	1317.5
175°	1321.4	1320.5	1318.8	1317.0	1315.3	1313.5	1315.3	1317.0	1318.8	1320.5	1321.4
177.5°	1324.3	1323.2	1321.0	1318.9	1316.7	1314.5	1316.7	1318.9	1321.0	1323.2	1324.3
180°	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4

TEST NUMBER: P1030943

CATALOG NUMBER: S123DIW-B775D1030UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3	1044.3
2.5°	991.7	993.7	994.8	990.7	987.7	992.7	999.8	1004.9	1008.9	1014.0	1017.0
5°	933.0	940.1	940.1	942.1	945.2	950.2	963.4	972.5	980.6	986.7	991.7
7.5°	883.4	888.5	891.5	896.6	901.7	908.7	923.9	937.1	949.2	956.3	964.4
10°	838.9	843.0	848.0	851.1	860.2	870.3	889.5	900.6	914.8	925.9	936.1
12.5°	796.4	810.6	813.6	812.6	820.7	831.8	851.1	868.3	883.4	894.6	905.7
15°	766.1	771.1	777.2	776.2	793.4	796.4	812.6	832.8	853.1	860.2	870.3
17.5°	732.7	740.8	746.8	749.9	754.9	766.1	781.2	796.4	822.7	823.7	850.0
20°	706.3	714.4	718.5	722.5	725.6	738.7	751.9	769.1	790.3	801.5	815.6
22.5°	689.1	693.2	696.2	699.3	703.3	710.4	726.6	745.8	760.0	772.1	781.2
25°	668.9	673.0	677.0	679.0	682.1	686.1	698.3	713.4	733.7	741.8	750.9
27.5°	654.7	654.7	656.8	656.8	660.8	664.9	674.0	688.1	704.3	714.4	726.6
30°	639.6	638.5	639.6	638.5	637.5	643.6	651.7	663.8	675.0	687.1	695.2
32.5°	624.4	623.4	623.4	624.4	620.3	623.4	627.4	638.5	650.7	656.8	665.9
35°	608.2	606.2	606.2	606.2	604.1	602.1	606.2	616.3	624.4	632.5	639.6
37.5°	592.0	589.0	589.0	586.9	584.9	581.9	581.9	590.0	601.1	604.1	613.2
40°	569.7	569.7	567.7	566.7	564.7	562.7	559.6	566.7	576.8	579.9	586.9
42.5°	547.5	544.4	543.4	543.4	543.4	540.4	538.4	543.4	549.5	554.6	558.6
45°	522.2	520.1	521.2	520.1	518.1	517.1	516.1	518.1	525.2	527.2	532.3
47.5°	494.8	493.8	493.8	492.8	491.8	492.8	488.8	493.8	495.9	497.9	501.9
50°	466.5	465.5	464.5	463.5	463.5	464.5	463.5	463.5	467.5	469.6	473.6
52.5°	438.2	435.1	435.1	434.1	434.1	432.1	434.1	435.1	437.2	439.2	441.2
55°	407.8	407.8	404.8	404.8	402.8	402.8	403.8	402.8	406.8	408.8	408.8
57.5°	378.5	374.4	375.4	373.4	371.4	370.4	370.4	372.4	374.4	374.4	376.4
60°	347.1	343.1	342.0	338.0	340.0	337.0	338.0	338.0	342.0	340.0	342.0
62.5°	315.7	310.7	307.6	305.6	305.6	306.6	304.6	303.6	305.6	307.6	311.7
65°	282.3	279.3	276.3	273.2	273.2	272.2	274.2	271.2	270.2	271.2	273.2
67.5°	247.9	244.9	241.9	238.8	239.8	236.8	234.8	237.8	235.8	236.8	238.8
70°	214.5	212.5	206.4	204.4	203.4	204.4	203.4	201.4	204.4	203.4	204.4
72.5°	181.1	179.1	176.1	171.0	171.0	170.0	169.0	169.0	168.0	168.0	168.0
75°	148.8	144.7	141.7	140.7	138.6	137.6	136.6	134.6	135.6	136.6	134.6
77.5°	115.4	110.3	109.3	109.3	106.3	106.3	107.3	106.3	105.2	105.2	105.2
80°	85.0	81.0	81.0	78.9	76.9	76.9	76.9	76.9	75.9	74.9	75.9
82.5°	54.6	53.6	52.6	52.6	54.6	50.6	52.6	51.6	50.6	50.6	49.6
85°	30.4	31.4	30.4	31.4	29.3	30.4	30.4	30.4	29.3	30.4	28.3
87.5°	11.1	11.1	11.1	12.1	12.1	12.1	12.1	12.1	13.2	12.1	12.1
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	34.8	33.1	31.3	42.4	53.5	64.6	75.7	81.3	84.3
100°	39.3	37.6	35.8	34.1	32.3	66.3	100.2	134.2	168.1	185.1	182.9
102.5°	43.8	51.0	58.1	65.3	72.5	110.4	148.2	186.1	224.0	242.9	241.5
105°	60.4	98.9	137.4	176.0	214.5	234.1	253.7	273.3	292.9	302.7	301.5
107.5°	247.0	280.5	314.0	347.5	381.0	377.7	374.5	371.2	367.9	366.3	365.3
110°	413.0	420.2	427.4	434.6	441.8	439.4	437.0	434.6	432.2	431.0	430.1

TEST NUMBER: P1030943

CATALOG NUMBER: S123DIW-B775D1030UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	511.3	509.4	507.4	505.5	503.5	501.1	498.7	496.3	493.9	492.7	491.9
115°	570.9	568.7	566.6	564.4	562.2	560.2	558.3	556.3	554.4	553.4	552.8
117.5°	627.0	625.3	623.5	621.8	620.0	618.9	617.8	616.7	615.6	615.1	614.3
120°	682.8	681.1	679.4	677.6	675.9	675.2	674.6	673.9	673.2	672.9	671.9
122.5°	736.1	735.0	733.9	732.8	731.7	730.8	730.0	729.1	728.2	727.8	727.0
125°	785.4	784.9	784.5	784.0	783.6	782.7	781.9	781.0	780.1	779.7	778.8
127.5°	838.2	837.5	836.8	836.2	835.5	834.4	833.3	832.2	831.1	830.6	829.7
130°	885.1	884.2	883.3	882.5	881.6	880.7	879.9	879.0	878.1	877.7	876.8
132.5°	929.2	928.3	927.4	926.5	925.6	925.0	924.3	923.7	923.0	922.7	921.8
135°	973.3	972.6	972.0	971.3	970.7	969.8	969.0	968.1	967.2	966.8	966.1
137.5°	1014.3	1013.2	1012.1	1011.0	1009.9	1009.5	1009.0	1008.6	1008.1	1007.9	1007.0
140°	1051.6	1050.7	1049.8	1049.0	1048.1	1047.5	1046.8	1046.2	1045.5	1045.2	1044.5
142.5°	1087.0	1086.3	1085.6	1085.0	1084.3	1083.7	1083.0	1082.4	1081.7	1081.4	1080.7
145°	1119.4	1118.9	1118.5	1118.0	1117.6	1117.2	1116.8	1116.3	1115.9	1115.7	1114.9
147.5°	1149.8	1149.3	1148.9	1148.4	1148.0	1147.6	1147.1	1146.7	1146.2	1146.0	1145.5
150°	1177.2	1176.7	1176.3	1175.8	1175.4	1175.0	1174.6	1174.1	1173.7	1173.5	1173.2
152.5°	1202.5	1201.6	1200.7	1199.8	1198.9	1198.7	1198.5	1198.3	1198.1	1198.0	1197.9
155°	1224.9	1223.8	1222.7	1221.6	1220.5	1220.3	1220.1	1219.8	1219.6	1219.5	1219.7
157.5°	1245.3	1244.0	1242.7	1241.4	1240.1	1240.3	1240.5	1240.8	1241.0	1241.1	1241.1
160°	1261.9	1260.6	1259.3	1258.0	1256.7	1256.9	1257.1	1257.4	1257.6	1257.7	1257.8
162.5°	1277.5	1276.0	1274.5	1272.9	1271.4	1271.6	1271.8	1272.1	1272.3	1272.4	1272.7
165°	1291.1	1289.4	1287.7	1285.9	1284.2	1284.4	1284.6	1284.8	1285.0	1285.1	1285.4
167.5°	1301.9	1300.2	1298.4	1296.7	1294.9	1294.9	1294.9	1294.9	1294.9	1294.9	1295.3
170°	1310.7	1309.0	1307.2	1305.5	1303.7	1303.7	1303.7	1303.7	1303.7	1303.7	1304.1
172.5°	1316.6	1314.9	1313.1	1311.4	1309.6	1309.4	1309.2	1308.9	1308.7	1308.6	1309.1
175°	1320.6	1319.1	1317.6	1316.0	1314.5	1314.3	1314.1	1313.8	1313.6	1313.5	1314.0
177.5°	1323.4	1321.7	1320.0	1318.2	1316.5	1316.3	1316.1	1315.8	1315.6	1315.5	1316.0
180°	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4

TEST NUMBER: P1030943

CATALOG NUMBER: S123DIW-B775D1030UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1044.3	1044.3	1044.3	1044.3
2.5°	1022.1	1025.1	1035.2	1047.4
5°	1001.8	1009.9	1024.1	1043.3
7.5°	979.6	991.7	1012.0	1036.2
10°	954.3	971.5	996.8	1027.1
12.5°	927.0	949.2	981.6	1013.0
15°	909.8	932.0	961.4	995.8
17.5°	876.4	902.7	933.0	981.6
20°	842.0	871.3	910.8	959.3
22.5°	815.6	847.0	884.5	936.1
25°	784.3	816.7	857.1	910.8
27.5°	750.9	783.3	828.8	885.5
30°	725.6	756.9	800.5	861.2
32.5°	695.2	725.6	771.1	834.9
35°	660.8	695.2	738.7	803.5
37.5°	634.5	665.9	711.4	773.1
40°	606.2	633.5	678.0	738.7
42.5°	575.8	606.2	644.6	705.3
45°	547.5	569.7	609.2	666.9
47.5°	517.1	542.4	572.8	617.3
50°	484.7	506.0	539.4	569.7
52.5°	453.4	470.6	498.9	522.2
55°	420.0	437.2	458.4	472.6
57.5°	388.6	400.7	414.9	424.0
60°	350.1	362.3	371.4	380.5
62.5°	315.7	324.8	329.9	335.0
65°	280.3	285.4	288.4	292.5
67.5°	241.9	246.9	247.9	254.0
70°	206.4	207.5	209.5	212.5
72.5°	173.0	175.1	174.1	176.1
75°	138.6	140.7	138.6	140.7
77.5°	105.2	107.3	107.3	110.3
80°	75.9	76.9	77.9	77.9
82.5°	49.6	52.6	50.6	51.6
85°	28.3	29.3	29.3	30.4
87.5°	13.2	14.2	13.2	15.2
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°	90.4	96.5	102.6	108.7
100°	178.6	174.2	169.9	165.5
102.5°	238.7	235.8	233.0	230.2
105°	299.1	296.7	294.3	291.9
107.5°	363.4	361.4	359.5	357.5
110°	428.4	426.7	424.9	423.2

TEST NUMBER: P1030943

CATALOG NUMBER: S123DIW-B775D1030UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	490.4	488.9	487.3	485.8
115°	551.5	550.2	548.9	547.6
117.5°	612.8	611.3	609.8	608.3
120°	670.0	668.0	666.1	664.1
122.5°	725.5	724.0	722.4	720.9
125°	777.1	775.4	773.6	771.9
127.5°	828.0	826.3	824.5	822.8
130°	875.1	873.3	871.6	869.8
132.5°	920.1	918.4	916.6	914.9
135°	964.8	963.5	962.2	960.9
137.5°	1005.3	1003.6	1001.8	1000.1
140°	1043.2	1041.9	1040.6	1039.3
142.5°	1079.4	1078.1	1076.8	1075.5
145°	1113.4	1111.9	1110.3	1108.8
147.5°	1144.4	1143.3	1142.2	1141.1
150°	1172.5	1171.8	1171.2	1170.5
152.5°	1197.7	1197.4	1197.2	1197.0
155°	1220.2	1220.6	1221.1	1221.5
157.5°	1241.1	1241.1	1241.1	1241.1
160°	1258.0	1258.3	1258.5	1258.7
162.5°	1273.4	1274.0	1274.7	1275.3
165°	1286.1	1286.8	1287.4	1288.1
167.5°	1296.2	1297.1	1297.9	1298.8
170°	1305.0	1305.9	1306.8	1307.7
172.5°	1310.2	1311.3	1312.4	1313.5
175°	1315.1	1316.2	1317.3	1318.4
177.5°	1317.1	1318.2	1319.3	1320.4
180°	1318.4	1318.4	1318.4	1318.4

(END OF REPORT)