

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: P1011924

Luminaire Tested: S123DIP-B775D1025UB40-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1011924
REPORT IS A COMBINATION OF REPORTS P990263 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123DIP-B775D1025UB40-4F0-XX-W2A-A4
Description: Define 3 Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

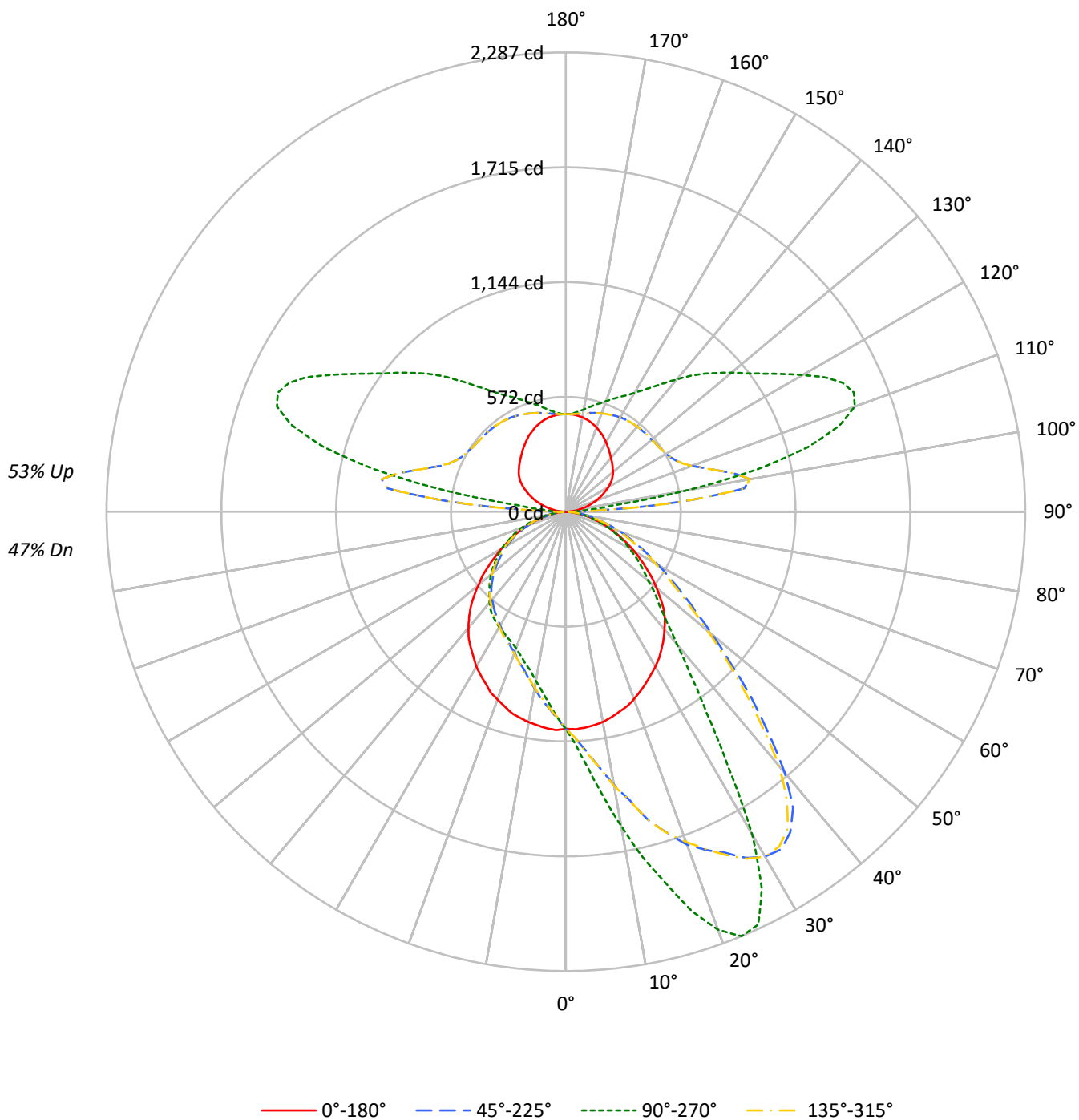
Lumens per Lamp: N/A
Luminaire Lumens: 6914.0 lumens
Efficiency: N/A
Efficacy: 107.4 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 64.4
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					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	106	106	106	106	98	98	98	98	82	82	82	67	67	67	54	54	54	47	47	47
1	97	93	89	86	89	86	83	80	72	70	68	59	58	56	48	47	46	40	40	40
2	89	82	76	71	81	75	70	66	63	60	56	52	50	47	42	40	39	34	34	34
3	81	72	65	59	74	66	60	55	56	51	48	47	43	40	38	35	33	29	29	29
4	74	64	56	50	68	59	52	47	50	45	41	42	38	35	34	31	29	25	25	25
5	68	57	49	43	63	53	46	40	45	39	35	37	33	30	30	28	25	22	22	22
6	63	51	43	37	58	47	40	35	40	35	31	34	30	26	28	25	22	19	19	19
7	58	46	38	33	53	43	36	31	37	31	27	31	27	23	25	22	20	17	17	17
8	54	42	34	29	50	39	32	27	33	28	24	28	24	21	23	20	18	15	15	15
9	50	38	31	26	46	36	29	24	31	25	22	26	22	19	21	18	16	14	14	14
10	47	35	28	23	43	33	26	22	28	23	19	24	20	17	20	17	15	13	13	13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11626	11626	11626	11626
5°	11634	13396	11668	9998
10°	11560	16210	11572	8730
15°	11400	19225	11493	7859
20°	11263	22134	11287	7231
25°	11059	22692	11084	6904
30°	10913	18748	10913	6689
35°	10732	12538	10665	6500
40°	10515	9051	10385	6210
45°	10243	7170	9947	5850
50°	9583	6088	9241	5495
55°	8857	5351	8496	5100
60°	8120	4658	7688	4685
65°	7313	3989	6957	4132
70°	6473	3311	6040	3485
75°	5535	2497	5177	2689
80°	4376	1667	4034	1768
85°	3016	765	2411	696

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 18751 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.2	1.5
10°-20°	341.2	4.9
20°-30°	574.1	8.3
30°-40°	648.8	9.4
40°-50°	581.1	8.4
50°-60°	469.1	6.8
60°-70°	326.9	4.7
70°-80°	171.6	2.5
80°-90°	43.8	0.6
90°-100°	263.4	3.8
100°-110°	771.2	11.2
110°-120°	753.1	10.9
120°-130°	599.7	8.7
130°-140°	473.2	6.8
140°-150°	353.0	5.1
150°-160°	246.1	3.6
160°-170°	144.6	2.1
170°-180°	47.0	0.7
0°-30°	1021.5	14.8
0°-40°	1670.3	24.2
0°-60°	2720.4	39.3
0°-90°	3262.7	47.2
90°-120°	1787.6	25.9
90°-150°	3213.6	46.5
90°-180°	3651.0	52.8
0°-180°	6914.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1080	1080	1080	1080	1080	
5°	1079	1283	1082	958	1079	102
15°	1030	1910	1038	781	1030	291
25°	942	2267	944	690	942	435
35°	831	1221	826	633	831	520
45°	690	659	670	538	690	528
55°	489	448	469	427	489	438
65°	302	291	288	301	302	301
75°	146	150	136	161	146	156
85°	31	34	25	31	31	36
90°	2	28	2	28	2	5
95°	33	114	33	114	33	35
105°	114	1250	114	1250	114	121
115°	201	1520	201	1520	201	199
125°	280	1199	280	1199	280	249
135°	328	972	328	972	328	254
145°	374	760	374	760	374	235
155°	426	630	426	630	426	196
165°	465	549	465	549	465	131
175°	484	494	484	494	484	46
180°	485	485	485	485	485	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1
2.5°	1083.3	1091.6	1095.8	1102.1	1108.4	1117.8	1120.9	1126.2	1124.1	1128.3	1130.4
5°	1079.1	1093.7	1106.3	1122.0	1136.6	1147.1	1157.6	1174.3	1186.9	1189.0	1198.4
7.5°	1071.8	1092.7	1114.7	1136.6	1164.9	1181.7	1200.5	1223.5	1242.4	1272.7	1284.2
10°	1062.3	1091.6	1123.0	1153.4	1192.1	1218.3	1241.3	1280.0	1318.8	1350.2	1379.5
12.5°	1047.7	1084.3	1125.1	1170.1	1220.4	1250.7	1282.1	1333.4	1392.0	1440.2	1471.6
15°	1029.9	1075.9	1128.3	1176.4	1231.9	1288.4	1321.9	1379.5	1463.2	1508.2	1588.8
17.5°	1015.2	1062.3	1114.7	1190.0	1265.4	1321.9	1346.0	1451.7	1509.2	1584.6	1675.7
20°	992.2	1051.9	1118.9	1194.2	1291.5	1326.1	1375.3	1482.0	1553.2	1651.6	1763.6
22.5°	968.1	1032.0	1112.6	1191.1	1299.9	1336.6	1403.5	1488.3	1601.4	1698.7	1822.2
25°	942.0	1011.1	1092.7	1185.8	1292.6	1346.0	1408.8	1513.4	1635.9	1758.3	1872.4
27.5°	915.8	991.2	1075.9	1169.1	1272.7	1335.5	1398.3	1507.2	1664.2	1797.1	1942.6
30°	890.7	966.0	1050.8	1146.1	1254.9	1315.6	1375.3	1511.3	1686.1	1835.8	1982.3
32.5°	863.5	940.9	1029.9	1109.4	1219.3	1284.2	1351.2	1511.3	1699.7	1858.8	1992.8
35°	831.0	910.6	987.0	1066.5	1175.4	1247.6	1322.9	1500.9	1712.3	1866.2	1948.8
37.5°	799.6	869.8	935.7	1013.1	1127.2	1204.7	1291.5	1488.3	1706.0	1834.8	1857.8
40°	764.0	834.2	887.5	959.8	1080.1	1170.1	1258.1	1471.6	1678.8	1760.4	1693.5
42.5°	729.5	785.0	831.0	901.2	1032.0	1119.9	1215.1	1441.2	1625.4	1642.2	1491.5
45°	689.7	729.5	770.3	849.9	979.7	1069.7	1175.4	1397.3	1539.6	1491.5	1301.0
47.5°	638.4	674.0	719.0	792.3	924.2	1017.3	1117.8	1340.7	1415.1	1314.6	1106.3
50°	589.3	619.6	661.5	732.6	865.6	956.6	1063.4	1251.8	1288.4	1130.4	953.5
52.5°	540.1	563.1	603.9	675.1	808.0	895.9	993.3	1160.7	1139.8	970.2	813.2
55°	488.8	508.7	547.4	617.5	741.0	824.7	917.9	1048.7	994.3	833.1	707.5
57.5°	438.5	459.5	499.2	557.9	674.0	755.7	830.0	932.6	850.9	722.2	611.2
60°	393.5	411.3	441.7	499.2	605.0	670.9	738.9	809.0	741.0	616.5	531.7
62.5°	346.4	363.2	391.4	443.8	534.8	593.4	647.9	705.4	630.1	539.0	463.7
65°	302.5	316.1	342.2	390.4	464.7	512.9	556.8	596.6	535.9	452.1	395.6
67.5°	262.7	274.2	296.2	339.1	401.9	436.4	472.0	505.5	454.2	387.3	339.1
70°	219.8	229.2	249.1	280.5	330.7	366.3	392.5	417.6	371.6	318.2	285.7
72.5°	182.1	191.5	204.1	236.5	271.1	293.1	321.3	334.9	308.8	264.8	232.4
75°	145.5	152.8	164.3	185.3	217.7	232.4	250.1	260.6	236.5	207.2	187.3
77.5°	114.1	117.2	125.6	140.2	162.2	179.0	192.6	198.9	182.1	163.3	146.5
80°	80.6	84.8	91.1	103.6	120.4	125.6	134.0	141.3	130.8	114.1	103.6
82.5°	53.4	58.6	61.8	67.0	77.5	83.7	85.8	92.1	82.7	76.4	72.2
85°	31.4	33.5	34.5	37.7	42.9	46.1	49.2	50.2	48.1	47.1	42.9
87.5°	15.7	15.7	15.7	17.8	18.8	20.9	22.0	22.0	22.0	20.9	19.9
90°	2.0	3.9	5.9	8.8	10.8	11.8	12.8	15.7	18.7	21.6	24.6
92.5°	14.7	21.6	31.4	40.3	50.1	59.0	67.8	99.2	151.3	202.4	182.8
95°	33.4	36.4	47.2	63.9	89.4	108.6	127.7	211.3	357.7	518.8	582.7
97.5°	53.1	54.0	62.9	77.6	103.2	124.3	145.4	228.0	398.0	669.2	896.1
100°	72.7	73.7	80.6	94.3	117.9	137.0	156.2	225.0	370.4	628.9	930.5
102.5°	93.3	95.3	101.2	114.0	134.6	151.8	169.0	228.9	346.9	569.9	866.7
105°	114.0	116.9	122.8	134.6	153.3	168.5	183.7	236.8	338.0	523.7	790.0
107.5°	135.6	138.5	144.4	156.2	173.9	188.2	202.4	249.6	336.1	490.3	722.2
110°	159.2	162.1	167.0	177.9	194.6	208.4	222.1	266.3	341.0	472.6	666.2

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	180.8	183.7	188.7	199.5	216.2	229.4	242.7	283.0	350.8	462.8	628.9
115°	201.4	205.4	211.3	221.1	237.8	251.0	264.3	301.7	361.6	461.8	604.3
117.5°	222.1	227.0	231.9	240.7	259.4	271.7	284.0	321.3	375.4	462.8	587.6
120°	243.7	246.6	251.5	261.4	280.0	292.3	304.6	340.0	391.1	466.7	576.8
122.5°	262.4	265.3	270.2	281.0	298.7	312.0	325.2	359.6	405.8	473.6	569.9
125°	280.0	282.0	287.9	298.7	317.4	330.6	343.9	378.3	421.5	480.5	564.0
127.5°	293.8	296.7	303.6	314.4	335.1	348.4	361.6	395.0	434.3	488.4	561.1
130°	306.6	309.5	318.4	330.2	350.8	364.0	377.3	409.7	447.1	496.2	558.1
132.5°	316.4	320.3	330.2	344.9	365.5	378.3	391.1	422.5	458.9	502.1	557.1
135°	328.2	332.1	342.9	357.7	378.3	391.6	404.8	435.3	468.7	508.0	556.2
137.5°	339.0	342.9	353.7	369.5	390.1	402.4	414.7	444.1	476.6	511.9	554.2
140°	349.8	354.7	364.5	380.3	399.9	412.2	424.5	453.0	482.5	515.9	553.2
142.5°	361.6	365.5	376.3	390.1	409.7	421.0	432.4	459.9	488.4	518.8	551.2
145°	374.4	377.3	386.2	400.9	417.6	428.9	440.2	465.8	492.3	519.8	549.3
147.5°	387.1	389.1	398.0	410.7	427.4	437.2	447.1	470.7	495.2	519.8	546.3
150°	399.9	400.9	408.8	421.5	435.3	444.2	453.0	475.6	496.2	519.8	542.4
152.5°	412.7	412.7	420.6	431.4	443.2	451.6	459.9	478.5	498.2	516.9	537.5
155°	425.5	425.5	431.4	441.2	452.0	458.9	465.8	482.5	498.2	514.9	531.6
157.5°	435.3	436.3	441.2	450.0	459.9	465.3	470.7	484.4	499.2	511.9	526.7
160°	447.1	447.1	451.0	458.9	465.8	470.7	475.6	487.4	499.2	510.0	520.8
162.5°	455.9	455.9	458.9	464.8	470.7	474.6	478.5	488.4	498.2	506.0	514.9
165°	464.8	463.8	465.8	470.7	474.6	478.0	481.5	489.3	496.2	502.1	509.0
167.5°	471.7	470.7	471.7	475.6	478.5	481.0	483.4	489.3	495.2	498.2	503.1
170°	477.6	475.6	476.6	479.5	481.5	482.4	483.4	488.4	492.3	494.3	497.2
172.5°	481.5	480.5	480.5	482.5	483.4	483.9	484.4	488.4	491.3	491.3	492.3
175°	484.4	483.4	482.5	484.4	484.4	484.9	485.4	487.4	489.3	488.4	488.4
177.5°	486.4	485.4	484.4	485.4	485.4	485.4	485.4	486.4	488.4	486.4	485.4
180°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1
2.5°	1137.7	1139.8	1147.1	1152.3	1162.8	1161.8	1161.8	1160.7	1157.6	1162.8	1166.0
5°	1217.2	1235.0	1237.1	1260.1	1261.2	1270.6	1276.9	1271.7	1284.2	1283.2	1273.8
7.5°	1315.6	1339.7	1351.2	1373.2	1398.3	1392.0	1416.1	1420.3	1418.2	1428.7	1436.0
10°	1423.4	1465.3	1494.6	1535.4	1545.9	1552.2	1567.9	1581.5	1608.7	1587.7	1601.4
12.5°	1546.9	1577.3	1616.0	1680.9	1713.3	1734.3	1741.6	1751.0	1769.9	1758.3	1759.4
15°	1650.5	1691.4	1757.3	1837.9	1847.3	1873.5	1867.2	1923.7	1950.9	1910.1	1933.1
17.5°	1758.3	1812.8	1891.3	1961.4	2001.2	2019.0	2035.7	2090.1	2088.0	2081.8	2087.0
20°	1827.4	1916.4	2013.7	2106.9	2118.4	2132.0	2177.0	2200.0	2195.8	2213.6	2225.1
22.5°	1924.8	2019.0	2122.6	2184.3	2210.5	2226.2	2261.8	2276.4	2282.7	2286.9	2279.6
25°	2006.4	2106.9	2183.3	2237.7	2253.4	2261.8	2273.3	2277.5	2274.3	2267.0	2273.3
27.5°	2061.9	2142.5	2194.8	2219.9	2211.5	2197.9	2176.0	2161.3	2128.9	2113.2	2132.0
30°	2084.9	2120.5	2136.2	2094.3	2052.5	2019.0	1977.1	1899.6	1838.9	1856.7	1832.7
32.5°	2048.3	2025.2	1949.9	1842.1	1809.6	1755.2	1636.9	1545.9	1549.0	1500.9	1520.8
35°	1940.5	1835.8	1693.5	1530.2	1487.3	1458.0	1328.2	1308.3	1266.4	1221.4	1234.0
37.5°	1750.0	1597.2	1424.5	1304.1	1240.3	1176.4	1103.2	1059.2	1034.1	1015.2	1029.9
40°	1517.6	1331.3	1189.0	1081.2	1026.7	985.9	935.7	891.7	863.5	860.3	865.6
42.5°	1289.5	1132.5	1001.6	899.1	881.3	833.1	800.7	766.1	757.8	744.2	751.5
45°	1091.6	964.0	856.1	772.4	751.5	738.9	699.2	677.2	667.8	659.4	671.9
47.5°	948.3	814.3	735.8	685.5	664.6	643.7	621.7	607.0	599.7	600.8	599.7
50°	810.1	711.7	642.6	603.9	591.3	576.7	558.9	549.5	546.3	536.9	544.3
52.5°	697.1	625.9	577.7	541.1	531.7	521.2	506.6	501.3	494.0	491.9	491.9
55°	606.0	550.5	511.8	487.7	476.2	467.8	459.5	453.2	448.0	448.0	448.0
57.5°	534.8	486.7	458.4	437.5	433.3	424.9	415.5	415.5	408.2	407.1	410.3
60°	474.1	431.2	409.2	391.4	385.2	383.1	373.6	373.6	371.6	366.3	370.5
62.5°	412.4	381.0	362.1	348.5	342.2	342.2	334.9	329.7	329.7	330.7	328.6
65°	355.9	332.8	316.1	305.6	302.5	298.3	297.2	293.1	289.9	291.0	289.9
67.5°	305.6	287.8	276.3	267.9	262.7	260.6	257.5	257.5	255.4	256.4	251.2
70°	260.6	242.8	233.4	225.0	222.9	222.9	218.7	219.8	217.7	220.8	218.7
72.5°	214.6	201.0	193.6	190.5	188.4	187.3	185.3	183.2	182.1	184.2	183.2
75°	173.7	162.2	157.0	154.9	152.8	152.8	151.8	150.7	149.7	149.7	149.7
77.5°	135.0	127.7	121.4	123.5	120.4	121.4	118.3	118.3	119.3	118.3	118.3
80°	99.4	94.2	94.2	92.1	87.9	90.0	90.0	86.9	85.8	87.9	84.8
82.5°	65.9	64.9	62.8	61.8	59.7	60.7	59.7	58.6	57.6	59.7	57.6
85°	38.7	38.7	37.7	35.6	37.7	36.6	35.6	35.6	34.5	34.5	34.5
87.5°	19.9	17.8	17.8	16.7	17.8	15.7	16.7	15.7	14.7	15.7	14.7
90°	23.6	24.6	25.5	26.5	27.5	28.5	27.5	28.5	29.5	28.5	29.5
92.5°	136.6	97.3	75.7	65.8	62.4	59.0	57.0	53.1	54.0	52.1	54.0
95°	472.6	353.7	239.8	187.7	170.0	152.3	133.6	124.8	117.9	114.0	117.9
97.5°	926.6	812.6	613.2	483.4	427.4	371.4	305.6	268.3	244.7	233.9	244.7
100°	1124.1	1158.5	1078.9	963.9	894.2	824.4	725.2	653.4	615.1	616.1	615.1
102.5°	1133.9	1273.5	1290.2	1235.1	1197.3	1159.5	1087.8	1034.7	1004.2	975.7	1004.2
105°	1072.0	1277.4	1375.7	1394.3	1381.6	1368.8	1323.6	1286.2	1254.8	1249.9	1254.8
107.5°	983.6	1218.4	1372.7	1449.4	1462.6	1475.9	1470.0	1452.3	1439.5	1428.7	1439.5
110°	901.1	1126.1	1306.9	1430.7	1465.1	1499.5	1527.0	1534.8	1532.9	1530.9	1532.9

TEST NUMBER: P1011924

CATALOG NUMBER: S123DIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	829.3	1034.7	1220.4	1362.9	1409.6	1456.2	1512.2	1540.7	1550.6	1551.5	1550.6
115°	774.3	956.1	1127.1	1271.5	1325.0	1378.6	1452.3	1495.5	1515.2	1520.1	1515.2
117.5°	737.9	895.2	1046.5	1179.1	1234.6	1290.2	1366.8	1415.0	1444.4	1451.3	1444.4
120°	710.4	849.0	981.6	1099.5	1149.2	1198.8	1276.4	1331.4	1355.0	1360.9	1355.0
122.5°	687.8	812.6	929.6	1036.7	1081.9	1127.1	1193.9	1242.0	1268.6	1276.4	1268.6
125°	669.2	781.2	888.3	982.6	1021.9	1061.2	1124.1	1167.3	1191.9	1198.8	1191.9
127.5°	651.5	752.7	850.0	936.4	972.8	1009.1	1066.1	1103.5	1126.1	1132.0	1126.1
130°	637.7	726.2	814.6	894.2	927.6	961.0	1013.1	1048.4	1069.1	1076.9	1069.1
132.5°	624.9	701.6	781.2	853.9	885.4	916.8	964.9	1000.3	1018.0	1022.9	1018.0
135°	614.1	680.0	749.7	813.6	841.6	869.6	917.8	947.2	964.9	971.8	964.9
137.5°	604.3	659.3	718.3	775.3	800.3	825.4	866.7	897.1	911.9	917.8	911.9
140°	595.5	641.6	691.8	738.9	760.0	781.2	818.5	846.0	861.8	860.8	861.8
142.5°	587.6	624.9	666.2	705.5	723.2	740.9	771.4	794.9	808.7	807.7	808.7
145°	580.7	612.2	644.6	676.0	690.2	704.5	729.1	749.7	757.6	759.6	757.6
147.5°	573.8	601.4	627.9	654.4	664.8	675.1	694.7	709.4	717.3	718.3	717.3
150°	567.0	589.6	612.2	632.8	642.2	651.5	666.2	677.0	682.9	682.9	682.9
152.5°	559.1	578.8	597.4	615.1	622.5	629.9	640.7	650.5	653.4	653.4	653.4
155°	551.2	568.0	583.7	598.4	604.3	610.2	619.0	626.9	628.9	629.9	628.9
157.5°	542.4	556.2	569.9	581.7	586.6	591.5	599.4	605.3	607.3	607.3	607.3
160°	533.6	546.3	557.1	567.0	570.4	573.8	580.7	586.6	586.6	585.6	586.6
162.5°	524.7	534.5	543.4	552.2	555.2	558.1	562.1	567.0	567.0	566.0	567.0
165°	516.9	524.7	530.6	537.5	540.0	542.4	546.3	550.3	549.3	549.3	549.3
167.5°	509.0	515.9	520.8	524.7	526.7	528.6	530.6	533.6	532.6	532.6	532.6
170°	502.1	507.0	510.0	513.9	514.9	515.9	516.9	518.8	517.8	517.8	517.8
172.5°	495.2	499.2	501.1	504.1	504.6	505.1	505.1	507.0	505.1	504.1	505.1
175°	490.3	492.3	493.3	495.2	495.2	495.2	495.2	496.2	495.2	494.3	495.2
177.5°	486.4	487.4	488.4	489.3	489.3	489.3	488.4	489.3	487.4	487.4	487.4
180°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4

TEST NUMBER: P1011924

CATALOG NUMBER: S123DIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1
2.5°	1157.6	1160.7	1152.3	1150.3	1150.3	1154.4	1151.3	1123.0	1128.3	1122.0	1119.9
5°	1285.3	1279.0	1270.6	1266.4	1261.2	1246.5	1245.5	1213.1	1206.8	1185.8	1176.4
7.5°	1425.5	1420.3	1395.2	1392.0	1389.9	1376.3	1341.8	1307.2	1282.1	1258.1	1235.0
10°	1585.7	1570.0	1558.4	1535.4	1523.9	1505.1	1460.1	1427.6	1384.7	1348.1	1299.9
12.5°	1778.2	1760.4	1721.7	1705.0	1690.3	1638.0	1593.0	1556.3	1472.6	1447.5	1387.8
15°	1919.5	1881.9	1877.7	1841.0	1838.9	1781.4	1695.5	1655.8	1590.9	1498.8	1437.0
17.5°	2072.3	2038.8	2012.7	1968.7	1962.4	1908.0	1845.2	1747.9	1676.7	1588.8	1510.3
20°	2184.3	2166.5	2121.5	2103.7	2067.1	2021.1	1956.2	1835.8	1748.9	1661.0	1564.7
22.5°	2273.3	2255.5	2219.9	2195.8	2174.9	2115.3	2037.8	1935.2	1815.9	1700.8	1601.4
25°	2272.2	2267.0	2252.4	2240.8	2225.1	2181.2	2116.3	2017.9	1885.0	1758.3	1620.2
27.5°	2143.5	2158.2	2183.3	2195.8	2192.7	2186.4	2149.8	2067.1	1947.8	1797.1	1642.2
30°	1875.6	1928.9	1976.0	2038.8	2057.7	2103.7	2124.7	2077.6	1982.3	1842.1	1670.4
32.5°	1555.3	1632.8	1735.3	1769.9	1829.5	1918.5	2017.9	2035.7	1976.0	1868.2	1688.2
35°	1275.8	1339.7	1419.2	1473.7	1527.0	1671.5	1797.1	1905.9	1925.8	1854.6	1684.0
37.5°	1056.1	1101.1	1171.2	1217.2	1266.4	1389.9	1565.8	1707.1	1806.5	1808.6	1672.5
40°	897.0	916.9	977.6	1011.1	1058.1	1164.9	1321.9	1506.1	1651.6	1718.6	1642.2
42.5°	759.9	786.0	836.3	861.4	891.7	984.9	1088.5	1263.3	1443.3	1586.7	1585.7
45°	678.2	697.1	720.1	741.0	775.6	831.0	949.3	1080.1	1252.8	1415.1	1478.9
47.5°	606.0	623.8	646.8	653.1	676.1	728.5	800.7	914.8	1075.9	1237.1	1357.5
50°	545.3	560.0	575.6	587.2	597.6	640.5	695.0	791.3	920.0	1075.9	1225.6
52.5°	498.2	508.7	522.3	528.6	538.0	569.4	611.2	682.4	788.1	930.5	1075.9
55°	454.2	461.6	469.9	480.4	484.6	507.6	540.1	600.8	679.3	807.0	945.1
57.5°	413.4	416.6	421.8	428.1	433.3	453.2	481.5	522.3	591.3	689.7	820.6
60°	367.4	375.7	378.9	385.2	388.3	404.0	426.0	460.5	513.9	598.7	697.1
62.5°	328.6	333.9	339.1	342.2	349.6	354.8	372.6	404.0	448.0	510.8	599.7
65°	294.1	296.2	299.3	302.5	304.6	310.9	327.6	348.5	382.0	437.5	506.6
67.5°	254.3	256.4	260.6	261.7	263.8	272.1	281.5	299.3	327.6	369.5	426.0
70°	215.6	218.7	220.8	222.9	226.1	229.2	239.7	254.3	276.3	305.6	349.6
72.5°	182.1	185.3	185.3	187.3	186.3	190.5	201.0	211.4	226.1	250.1	288.9
75°	148.6	148.6	150.7	151.8	152.8	157.0	161.2	169.6	181.1	199.9	224.0
77.5°	117.2	116.2	118.3	118.3	118.3	121.4	125.6	129.8	137.1	150.7	169.6
80°	85.8	85.8	87.9	89.0	86.9	87.9	90.0	94.2	99.4	108.9	119.3
82.5°	56.5	60.7	59.7	60.7	59.7	61.8	62.8	63.8	65.9	70.1	77.5
85°	34.5	34.5	34.5	35.6	34.5	35.6	35.6	35.6	36.6	38.7	41.9
87.5°	14.7	14.7	14.7	15.7	14.7	14.7	15.7	14.7	15.7	15.7	16.7
90°	28.5	27.5	28.5	27.5	26.5	25.5	24.6	23.6	24.6	21.6	18.7
92.5°	53.1	57.0	59.0	62.4	65.8	75.7	97.3	136.6	182.8	202.4	151.3
95°	124.8	133.6	152.3	170.0	187.7	239.8	353.7	472.6	582.7	518.8	357.7
97.5°	268.3	305.6	371.4	427.4	483.4	613.2	812.6	926.6	896.1	669.2	398.0
100°	653.4	725.2	824.4	894.2	963.9	1078.9	1158.5	1124.1	930.5	628.9	370.4
102.5°	1034.7	1087.8	1159.5	1197.3	1235.1	1290.2	1273.5	1133.9	866.7	569.9	346.9
105°	1286.2	1323.6	1368.8	1381.6	1394.3	1375.7	1277.4	1072.0	790.0	523.7	338.0
107.5°	1452.3	1470.0	1475.9	1462.6	1449.4	1372.7	1218.4	983.6	722.2	490.3	336.1
110°	1534.8	1527.0	1499.5	1465.1	1430.7	1306.9	1126.1	901.1	666.2	472.6	341.0

TEST NUMBER: P1011924

CATALOG NUMBER: S123DIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1540.7	1512.2	1456.2	1409.6	1362.9	1220.4	1034.7	829.3	628.9	462.8	350.8
115°	1495.5	1452.3	1378.6	1325.0	1271.5	1127.1	956.1	774.3	604.3	461.8	361.6
117.5°	1415.0	1366.8	1290.2	1234.6	1179.1	1046.5	895.2	737.9	587.6	462.8	375.4
120°	1331.4	1276.4	1198.8	1149.2	1099.5	981.6	849.0	710.4	576.8	466.7	391.1
122.5°	1242.0	1193.9	1127.1	1081.9	1036.7	929.6	812.6	687.8	569.9	473.6	405.8
125°	1167.3	1124.1	1061.2	1021.9	982.6	888.3	781.2	669.2	564.0	480.5	421.5
127.5°	1103.5	1066.1	1009.1	972.8	936.4	850.0	752.7	651.5	561.1	488.4	434.3
130°	1048.4	1013.1	961.0	927.6	894.2	814.6	726.2	637.7	558.1	496.2	447.1
132.5°	1000.3	964.9	916.8	885.4	853.9	781.2	701.6	624.9	557.1	502.1	458.9
135°	947.2	917.8	869.6	841.6	813.6	749.7	680.0	614.1	556.2	508.0	468.7
137.5°	897.1	866.7	825.4	800.3	775.3	718.3	659.3	604.3	554.2	511.9	476.6
140°	846.0	818.5	781.2	760.0	738.9	691.8	641.6	595.5	553.2	515.9	482.5
142.5°	794.9	771.4	740.9	723.2	705.5	666.2	624.9	587.6	551.2	518.8	488.4
145°	749.7	729.1	704.5	690.2	676.0	644.6	612.2	580.7	549.3	519.8	492.3
147.5°	709.4	694.7	675.1	664.8	654.4	627.9	601.4	573.8	546.3	519.8	495.2
150°	677.0	666.2	651.5	642.2	632.8	612.2	589.6	567.0	542.4	519.8	496.2
152.5°	650.5	640.7	629.9	622.5	615.1	597.4	578.8	559.1	537.5	516.9	498.2
155°	626.9	619.0	610.2	604.3	598.4	583.7	568.0	551.2	531.6	514.9	498.2
157.5°	605.3	599.4	591.5	586.6	581.7	569.9	556.2	542.4	526.7	511.9	499.2
160°	586.6	580.7	573.8	570.4	567.0	557.1	546.3	533.6	520.8	510.0	499.2
162.5°	567.0	562.1	558.1	555.2	552.2	543.4	534.5	524.7	514.9	506.0	498.2
165°	550.3	546.3	542.4	540.0	537.5	530.6	524.7	516.9	509.0	502.1	496.2
167.5°	533.6	530.6	528.6	526.7	524.7	520.8	515.9	509.0	503.1	498.2	495.2
170°	518.8	516.9	515.9	514.9	513.9	510.0	507.0	502.1	497.2	494.3	492.3
172.5°	507.0	505.1	505.1	504.6	504.1	501.1	499.2	495.2	492.3	491.3	491.3
175°	496.2	495.2	495.2	495.2	495.2	493.3	492.3	490.3	488.4	488.4	489.3
177.5°	489.3	488.4	489.3	489.3	489.3	488.4	487.4	486.4	485.4	486.4	488.4
180°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4

TEST NUMBER: P1011924

CATALOG NUMBER: S123DIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1
2.5°	1109.4	1106.3	1106.3	1104.2	1097.9	1086.4	1085.4	1087.5	1081.2	1074.9	1065.5
5°	1163.9	1144.0	1137.7	1131.4	1118.9	1097.9	1089.5	1082.2	1070.7	1057.1	1042.4
7.5°	1209.9	1181.7	1173.3	1161.8	1136.6	1107.3	1088.5	1072.8	1057.1	1038.3	1020.5
10°	1267.5	1226.7	1206.8	1190.0	1155.5	1114.7	1086.4	1063.4	1038.3	1015.2	992.2
12.5°	1332.4	1266.4	1260.1	1219.3	1179.6	1118.9	1084.3	1050.8	1017.3	989.1	965.0
15°	1386.8	1314.6	1288.4	1261.2	1184.8	1109.4	1075.9	1038.3	999.5	969.2	933.6
17.5°	1421.3	1361.7	1306.2	1269.6	1190.0	1123.0	1058.1	1015.2	974.4	932.6	903.2
20°	1463.2	1376.3	1328.2	1279.0	1200.5	1112.6	1047.7	994.3	944.1	906.4	870.8
22.5°	1505.1	1387.8	1348.1	1294.7	1202.6	1102.1	1028.8	975.5	917.9	880.2	841.5
25°	1500.9	1404.6	1338.6	1293.6	1181.7	1092.7	1006.9	944.1	890.7	842.5	803.8
27.5°	1504.0	1385.7	1318.8	1266.4	1167.0	1079.1	983.8	917.9	862.4	812.2	771.4
30°	1505.1	1357.5	1298.9	1236.1	1139.8	1046.6	957.7	890.7	832.1	777.7	741.0
32.5°	1501.9	1334.5	1261.2	1204.7	1096.9	1015.2	927.3	856.1	796.5	746.3	711.7
35°	1494.6	1307.2	1222.5	1151.3	1052.9	970.2	899.1	825.8	762.0	715.9	676.1
37.5°	1474.7	1277.9	1181.7	1111.5	1001.6	917.9	855.1	794.4	732.6	678.2	644.7
40°	1460.1	1238.2	1140.8	1064.4	946.2	864.5	812.2	754.6	693.9	644.7	612.3
42.5°	1426.6	1200.5	1099.0	1007.9	891.7	808.0	758.8	712.8	660.4	612.3	583.0
45°	1372.1	1159.7	1047.7	955.6	832.1	752.5	707.5	669.8	623.8	577.7	548.4
47.5°	1295.7	1101.1	993.3	901.2	773.5	692.9	647.9	619.6	583.0	544.3	519.1
50°	1213.1	1037.2	937.8	846.7	716.9	638.4	594.5	568.3	544.3	508.7	484.6
52.5°	1105.2	969.2	873.9	787.1	656.2	580.9	542.2	523.3	498.2	473.1	452.1
55°	1000.6	881.3	802.8	720.1	596.6	526.5	488.8	468.9	454.2	433.3	416.6
57.5°	879.2	799.6	727.4	652.1	541.1	477.3	441.7	417.6	408.2	398.8	383.1
60°	767.2	706.5	647.9	585.1	483.5	426.0	391.4	372.6	363.2	356.9	346.4
62.5°	664.6	617.5	567.3	517.0	424.9	372.6	346.4	327.6	319.2	318.2	308.8
65°	566.2	532.7	491.9	442.7	370.5	324.5	299.3	287.8	278.4	278.4	271.1
67.5°	467.8	444.8	412.4	377.8	321.3	278.4	255.4	244.9	239.7	239.7	234.4
70°	389.3	373.6	344.3	314.0	264.8	232.4	214.6	205.1	202.0	203.0	198.9
72.5°	316.1	299.3	275.3	253.3	216.7	192.6	180.0	169.6	164.3	165.4	164.3
75°	244.9	236.5	215.6	198.9	169.6	152.8	141.3	136.1	131.9	132.9	130.8
77.5°	184.2	171.6	160.1	148.6	130.8	117.2	107.8	102.6	99.4	99.4	99.4
80°	125.6	123.5	114.1	107.8	93.2	82.7	75.4	74.3	71.2	71.2	71.2
82.5°	81.6	76.4	71.2	67.0	58.6	52.3	49.2	47.1	46.1	45.0	47.1
85°	45.0	41.9	39.8	35.6	32.4	29.3	26.2	25.1	24.1	25.1	24.1
87.5°	17.8	14.7	14.7	13.6	12.6	11.5	11.5	9.4	9.4	8.4	8.4
90°	15.7	12.8	11.8	10.8	8.8	5.9	3.9	2.0	3.9	5.9	8.8
92.5°	99.2	67.8	59.0	50.1	40.3	31.4	21.6	14.7	21.6	31.4	40.3
95°	211.3	127.7	108.6	89.4	63.9	47.2	36.4	33.4	36.4	47.2	63.9
97.5°	228.0	145.4	124.3	103.2	77.6	62.9	54.0	53.1	54.0	62.9	77.6
100°	225.0	156.2	137.0	117.9	94.3	80.6	73.7	72.7	73.7	80.6	94.3
102.5°	228.9	169.0	151.8	134.6	114.0	101.2	95.3	93.3	95.3	101.2	114.0
105°	236.8	183.7	168.5	153.3	134.6	122.8	116.9	114.0	116.9	122.8	134.6
107.5°	249.6	202.4	188.2	173.9	156.2	144.4	138.5	135.6	138.5	144.4	156.2
110°	266.3	222.1	208.4	194.6	177.9	167.0	162.1	159.2	162.1	167.0	177.9

TEST NUMBER: P1011924

CATALOG NUMBER: S123DIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	283.0	242.7	229.4	216.2	199.5	188.7	183.7	180.8	183.7	188.7	199.5
115°	301.7	264.3	251.0	237.8	221.1	211.3	205.4	201.4	205.4	211.3	221.1
117.5°	321.3	284.0	271.7	259.4	240.7	231.9	227.0	222.1	227.0	231.9	240.7
120°	340.0	304.6	292.3	280.0	261.4	251.5	246.6	243.7	246.6	251.5	261.4
122.5°	359.6	325.2	312.0	298.7	281.0	270.2	265.3	262.4	265.3	270.2	281.0
125°	378.3	343.9	330.6	317.4	298.7	287.9	282.0	280.0	282.0	287.9	298.7
127.5°	395.0	361.6	348.4	335.1	314.4	303.6	296.7	293.8	296.7	303.6	314.4
130°	409.7	377.3	364.0	350.8	330.2	318.4	309.5	306.6	309.5	318.4	330.2
132.5°	422.5	391.1	378.3	365.5	344.9	330.2	320.3	316.4	320.3	330.2	344.9
135°	435.3	404.8	391.6	378.3	357.7	342.9	332.1	328.2	332.1	342.9	357.7
137.5°	444.1	414.7	402.4	390.1	369.5	353.7	342.9	339.0	342.9	353.7	369.5
140°	453.0	424.5	412.2	399.9	380.3	364.5	354.7	349.8	354.7	364.5	380.3
142.5°	459.9	432.4	421.0	409.7	390.1	376.3	365.5	361.6	365.5	376.3	390.1
145°	465.8	440.2	428.9	417.6	400.9	386.2	377.3	374.4	377.3	386.2	400.9
147.5°	470.7	447.1	437.2	427.4	410.7	398.0	389.1	387.1	389.1	398.0	410.7
150°	475.6	453.0	444.2	435.3	421.5	408.8	400.9	399.9	400.9	408.8	421.5
152.5°	478.5	459.9	451.6	443.2	431.4	420.6	412.7	412.7	412.7	420.6	431.4
155°	482.5	465.8	458.9	452.0	441.2	431.4	425.5	425.5	425.5	431.4	441.2
157.5°	484.4	470.7	465.3	459.9	450.0	441.2	436.3	435.3	436.3	441.2	450.0
160°	487.4	475.6	470.7	465.8	458.9	451.0	447.1	447.1	447.1	451.0	458.9
162.5°	488.4	478.5	474.6	470.7	464.8	458.9	455.9	455.9	455.9	458.9	464.8
165°	489.3	481.5	478.0	474.6	470.7	465.8	463.8	464.8	463.8	465.8	470.7
167.5°	489.3	483.4	481.0	478.5	475.6	471.7	470.7	471.7	470.7	471.7	475.6
170°	488.4	483.4	482.4	481.5	479.5	476.6	475.6	477.6	475.6	476.6	479.5
172.5°	488.4	484.4	483.9	483.4	482.5	480.5	480.5	481.5	480.5	480.5	482.5
175°	487.4	485.4	484.9	484.4	484.4	482.5	483.4	484.4	483.4	482.5	484.4
177.5°	486.4	485.4	485.4	485.4	485.4	484.4	485.4	486.4	485.4	484.4	485.4
180°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4

TEST NUMBER: P1011924

CATALOG NUMBER: S123DIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1
2.5°	1063.4	1062.3	1064.4	1058.1	1047.7	1042.4	1027.8	1024.7	1023.6	1024.7	1025.7
5°	1034.1	1033.0	1029.9	1019.4	1006.9	997.4	979.7	978.6	972.3	966.0	969.2
7.5°	1005.8	1001.6	995.4	981.7	965.0	954.5	939.9	929.4	921.0	915.8	911.6
10°	977.6	971.3	965.0	947.2	926.3	910.6	892.8	884.4	875.0	870.8	866.6
12.5°	940.9	934.6	923.1	902.2	889.6	869.8	852.0	843.6	838.4	830.0	824.7
15°	911.6	899.1	892.8	870.8	844.6	842.5	810.1	808.0	797.5	797.5	789.2
17.5°	878.1	868.7	857.2	835.2	816.4	797.5	780.8	774.5	765.1	763.0	758.8
20°	845.7	833.1	828.9	807.0	787.1	764.0	746.3	740.0	735.8	731.6	734.7
22.5°	812.2	801.7	791.3	771.4	756.7	733.7	723.2	716.9	710.7	708.6	709.6
25°	779.7	770.3	759.9	740.0	724.3	705.4	696.0	692.9	689.7	689.7	688.7
27.5°	748.3	738.9	729.5	711.7	696.0	682.4	675.1	671.9	668.8	670.9	673.0
30°	715.9	707.5	699.2	683.5	670.9	658.3	654.1	652.1	651.0	656.2	656.2
32.5°	686.6	679.3	673.0	658.3	645.8	635.3	632.2	633.2	634.3	637.4	639.5
35°	656.2	651.0	644.7	632.2	621.7	612.3	613.3	613.3	615.4	620.7	624.8
37.5°	629.0	621.7	616.5	606.0	597.6	589.3	592.4	595.5	597.6	603.9	606.0
40°	596.6	593.4	589.3	578.8	571.5	570.4	571.5	573.6	577.7	580.9	584.0
42.5°	570.4	566.2	561.0	552.6	546.3	547.4	548.4	550.5	552.6	557.9	561.0
45°	541.1	538.0	533.8	526.5	521.2	522.3	523.3	523.3	525.4	531.7	533.8
47.5°	508.7	509.7	504.5	497.2	494.0	494.0	494.0	496.1	501.3	503.4	504.5
50°	477.3	475.2	474.1	466.8	464.7	463.7	464.7	465.8	473.1	472.0	475.2
52.5°	443.8	443.8	442.7	438.5	435.4	435.4	433.3	438.5	440.6	442.7	445.9
55°	411.3	408.2	407.1	405.0	400.9	399.8	401.9	408.2	410.3	412.4	415.5
57.5°	375.7	375.7	373.6	370.5	370.5	370.5	370.5	374.7	377.8	379.9	386.2
60°	343.3	339.1	336.0	336.0	336.0	334.9	341.2	341.2	347.5	348.5	350.6
62.5°	304.6	302.5	300.4	301.4	300.4	302.5	304.6	308.8	309.8	312.9	316.1
65°	267.9	267.9	265.8	272.1	267.9	267.9	273.2	273.2	275.3	278.4	282.6
67.5°	232.4	233.4	231.3	231.3	233.4	234.4	235.5	239.7	240.7	244.9	250.1
70°	195.7	197.8	198.9	196.8	198.9	201.0	203.0	204.1	208.3	210.4	213.5
72.5°	163.3	165.4	162.2	163.3	164.3	166.4	167.5	169.6	171.6	177.9	180.0
75°	130.8	129.8	128.7	132.9	130.8	135.0	136.1	136.1	138.2	143.4	145.5
77.5°	100.5	100.5	101.5	99.4	102.6	101.5	102.6	105.7	108.9	108.9	117.2
80°	70.1	72.2	72.2	72.2	73.3	74.3	72.2	77.5	78.5	78.5	81.6
82.5°	45.0	46.1	45.0	47.1	47.1	49.2	48.1	49.2	51.3	53.4	54.4
85°	24.1	24.1	26.2	26.2	25.1	26.2	25.1	26.2	28.3	28.3	29.3
87.5°	8.4	8.4	8.4	8.4	9.4	8.4	9.4	9.4	8.4	8.4	11.5
90°	10.8	11.8	12.8	15.7	18.7	21.6	24.6	23.6	24.6	25.5	26.5
92.5°	50.1	59.0	67.8	99.2	151.3	202.4	182.8	136.6	97.3	75.7	65.8
95°	89.4	108.6	127.7	211.3	357.7	518.8	582.7	472.6	353.7	239.8	187.7
97.5°	103.2	124.3	145.4	228.0	398.0	669.2	896.1	926.6	812.6	613.2	483.4
100°	117.9	137.0	156.2	225.0	370.4	628.9	930.5	1124.1	1158.5	1078.9	963.9
102.5°	134.6	151.8	169.0	228.9	346.9	569.9	866.7	1133.9	1273.5	1290.2	1235.1
105°	153.3	168.5	183.7	236.8	338.0	523.7	790.0	1072.0	1277.4	1375.7	1394.3
107.5°	173.9	188.2	202.4	249.6	336.1	490.3	722.2	983.6	1218.4	1372.7	1449.4
110°	194.6	208.4	222.1	266.3	341.0	472.6	666.2	901.1	1126.1	1306.9	1430.7

TEST NUMBER: P1011924

CATALOG NUMBER: S123DIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	216.2	229.4	242.7	283.0	350.8	462.8	628.9	829.3	1034.7	1220.4	1362.9
115°	237.8	251.0	264.3	301.7	361.6	461.8	604.3	774.3	956.1	1127.1	1271.5
117.5°	259.4	271.7	284.0	321.3	375.4	462.8	587.6	737.9	895.2	1046.5	1179.1
120°	280.0	292.3	304.6	340.0	391.1	466.7	576.8	710.4	849.0	981.6	1099.5
122.5°	298.7	312.0	325.2	359.6	405.8	473.6	569.9	687.8	812.6	929.6	1036.7
125°	317.4	330.6	343.9	378.3	421.5	480.5	564.0	669.2	781.2	888.3	982.6
127.5°	335.1	348.4	361.6	395.0	434.3	488.4	561.1	651.5	752.7	850.0	936.4
130°	350.8	364.0	377.3	409.7	447.1	496.2	558.1	637.7	726.2	814.6	894.2
132.5°	365.5	378.3	391.1	422.5	458.9	502.1	557.1	624.9	701.6	781.2	853.9
135°	378.3	391.6	404.8	435.3	468.7	508.0	556.2	614.1	680.0	749.7	813.6
137.5°	390.1	402.4	414.7	444.1	476.6	511.9	554.2	604.3	659.3	718.3	775.3
140°	399.9	412.2	424.5	453.0	482.5	515.9	553.2	595.5	641.6	691.8	738.9
142.5°	409.7	421.0	432.4	459.9	488.4	518.8	551.2	587.6	624.9	666.2	705.5
145°	417.6	428.9	440.2	465.8	492.3	519.8	549.3	580.7	612.2	644.6	676.0
147.5°	427.4	437.2	447.1	470.7	495.2	519.8	546.3	573.8	601.4	627.9	654.4
150°	435.3	444.2	453.0	475.6	496.2	519.8	542.4	567.0	589.6	612.2	632.8
152.5°	443.2	451.6	459.9	478.5	498.2	516.9	537.5	559.1	578.8	597.4	615.1
155°	452.0	458.9	465.8	482.5	498.2	514.9	531.6	551.2	568.0	583.7	598.4
157.5°	459.9	465.3	470.7	484.4	499.2	511.9	526.7	542.4	556.2	569.9	581.7
160°	465.8	470.7	475.6	487.4	499.2	510.0	520.8	533.6	546.3	557.1	567.0
162.5°	470.7	474.6	478.5	488.4	498.2	506.0	514.9	524.7	534.5	543.4	552.2
165°	474.6	478.0	481.5	489.3	496.2	502.1	509.0	516.9	524.7	530.6	537.5
167.5°	478.5	481.0	483.4	489.3	495.2	498.2	503.1	509.0	515.9	520.8	524.7
170°	481.5	482.4	483.4	488.4	492.3	494.3	497.2	502.1	507.0	510.0	513.9
172.5°	483.4	483.9	484.4	488.4	491.3	491.3	492.3	495.2	499.2	501.1	504.1
175°	484.4	484.9	485.4	487.4	489.3	488.4	488.4	490.3	492.3	493.3	495.2
177.5°	485.4	485.4	485.4	486.4	488.4	486.4	485.4	486.4	487.4	488.4	489.3
180°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4

TEST NUMBER: P1011924

CATALOG NUMBER: S123DIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1
2.5°	1024.7	1025.7	1021.5	1018.4	1026.7	1021.5	1021.5	1022.6	1020.5	1023.6	1022.6
5°	967.1	968.1	960.8	962.9	958.7	957.7	956.6	962.9	961.9	960.8	962.9
7.5°	910.6	910.6	907.4	905.3	905.3	902.2	906.4	905.3	907.4	907.4	910.6
10°	863.5	865.6	860.3	855.1	854.1	855.1	855.1	856.1	857.2	864.5	863.5
12.5°	824.7	821.6	820.6	817.4	812.2	810.1	808.0	819.5	816.4	816.4	816.4
15°	781.8	789.2	788.1	778.7	776.6	780.8	778.7	778.7	789.2	788.1	787.1
17.5°	758.8	756.7	754.6	749.4	750.4	749.4	750.4	750.4	756.7	756.7	756.7
20°	732.6	728.5	728.5	726.4	726.4	723.2	727.4	728.5	732.6	732.6	733.7
22.5°	709.6	706.5	706.5	705.4	707.5	703.3	707.5	708.6	708.6	711.7	711.7
25°	689.7	687.6	687.6	689.7	689.7	689.7	689.7	693.9	690.8	691.8	690.8
27.5°	671.9	673.0	674.0	675.1	674.0	675.1	676.1	678.2	679.3	678.2	676.1
30°	655.2	658.3	659.4	659.4	661.5	662.5	663.6	663.6	664.6	661.5	663.6
32.5°	642.6	642.6	644.7	645.8	647.9	648.9	648.9	651.0	650.0	646.8	647.9
35°	624.8	624.8	629.0	631.1	634.3	633.2	634.3	634.3	635.3	633.2	630.1
37.5°	607.0	609.1	609.1	613.3	614.4	615.4	614.4	616.5	615.4	613.3	612.3
40°	586.1	585.1	586.1	589.3	590.3	590.3	590.3	592.4	592.4	592.4	591.3
42.5°	560.0	563.1	562.0	565.2	564.1	564.1	566.2	568.3	569.4	566.2	567.3
45°	534.8	534.8	536.9	536.9	538.0	538.0	542.2	540.1	542.2	540.1	541.1
47.5°	507.6	508.7	508.7	509.7	511.8	513.9	511.8	512.9	512.9	513.9	511.8
50°	477.3	477.3	479.4	482.5	486.7	484.6	483.5	487.7	484.6	484.6	482.5
52.5°	445.9	449.0	450.1	453.2	456.3	457.4	458.4	456.3	457.4	454.2	455.3
55°	415.5	416.6	420.7	423.9	427.0	427.0	426.0	427.0	428.1	423.9	423.9
57.5°	385.2	388.3	392.5	392.5	396.7	396.7	395.6	395.6	396.7	393.5	392.5
60°	352.7	355.9	361.1	361.1	367.4	368.4	366.3	364.2	364.2	361.1	362.1
62.5°	318.2	321.3	324.5	329.7	333.9	331.8	336.0	331.8	332.8	326.6	326.6
65°	287.8	288.9	294.1	299.3	299.3	301.4	299.3	300.4	297.2	297.2	293.1
67.5°	252.2	252.2	257.5	262.7	267.9	267.9	267.9	264.8	264.8	261.7	261.7
70°	220.8	219.8	225.0	228.2	231.3	232.4	230.3	229.2	227.1	224.0	222.9
72.5°	182.1	184.2	189.4	191.5	196.8	195.7	201.0	194.7	194.7	189.4	188.4
75°	147.6	149.7	154.9	158.0	161.2	161.2	164.3	161.2	157.0	154.9	153.9
77.5°	117.2	116.2	120.4	125.6	126.6	125.6	127.7	126.6	122.5	122.5	120.4
80°	83.7	86.9	91.1	90.0	94.2	93.2	93.2	91.1	91.1	87.9	90.0
82.5°	55.5	58.6	59.7	58.6	59.7	61.8	62.8	61.8	61.8	59.7	60.7
85°	29.3	29.3	31.4	32.4	31.4	31.4	32.4	35.6	33.5	31.4	33.5
87.5°	9.4	8.4	8.4	9.4	8.4	8.4	9.4	9.4	10.5	10.5	10.5
90°	27.5	28.5	27.5	28.5	29.5	28.5	29.5	28.5	27.5	28.5	27.5
92.5°	62.4	59.0	57.0	53.1	54.0	52.1	54.0	53.1	57.0	59.0	62.4
95°	170.0	152.3	133.6	124.8	117.9	114.0	117.9	124.8	133.6	152.3	170.0
97.5°	427.4	371.4	305.6	268.3	244.7	233.9	244.7	268.3	305.6	371.4	427.4
100°	894.2	824.4	725.2	653.4	615.1	616.1	615.1	653.4	725.2	824.4	894.2
102.5°	1197.3	1159.5	1087.8	1034.7	1004.2	975.7	1004.2	1034.7	1087.8	1159.5	1197.3
105°	1381.6	1368.8	1323.6	1286.2	1254.8	1249.9	1254.8	1286.2	1323.6	1368.8	1381.6
107.5°	1462.6	1475.9	1470.0	1452.3	1439.5	1428.7	1439.5	1452.3	1470.0	1475.9	1462.6
110°	1465.1	1499.5	1527.0	1534.8	1532.9	1530.9	1532.9	1534.8	1527.0	1499.5	1465.1



TEST NUMBER: P1011924

CATALOG NUMBER: S123DIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1409.6	1456.2	1512.2	1540.7	1550.6	1551.5	1550.6	1540.7	1512.2	1456.2	1409.6
115°	1325.0	1378.6	1452.3	1495.5	1515.2	1520.1	1515.2	1495.5	1452.3	1378.6	1325.0
117.5°	1234.6	1290.2	1366.8	1415.0	1444.4	1451.3	1444.4	1415.0	1366.8	1290.2	1234.6
120°	1149.2	1198.8	1276.4	1331.4	1355.0	1360.9	1355.0	1331.4	1276.4	1198.8	1149.2
122.5°	1081.9	1127.1	1193.9	1242.0	1268.6	1276.4	1268.6	1242.0	1193.9	1127.1	1081.9
125°	1021.9	1061.2	1124.1	1167.3	1191.9	1198.8	1191.9	1167.3	1124.1	1061.2	1021.9
127.5°	972.8	1009.1	1066.1	1103.5	1126.1	1132.0	1126.1	1103.5	1066.1	1009.1	972.8
130°	927.6	961.0	1013.1	1048.4	1069.1	1076.9	1069.1	1048.4	1013.1	961.0	927.6
132.5°	885.4	916.8	964.9	1000.3	1018.0	1022.9	1018.0	1000.3	964.9	916.8	885.4
135°	841.6	869.6	917.8	947.2	964.9	971.8	964.9	947.2	917.8	869.6	841.6
137.5°	800.3	825.4	866.7	897.1	911.9	917.8	911.9	897.1	866.7	825.4	800.3
140°	760.0	781.2	818.5	846.0	861.8	860.8	861.8	846.0	818.5	781.2	760.0
142.5°	723.2	740.9	771.4	794.9	808.7	807.7	808.7	794.9	771.4	740.9	723.2
145°	690.2	704.5	729.1	749.7	757.6	759.6	757.6	749.7	729.1	704.5	690.2
147.5°	664.8	675.1	694.7	709.4	717.3	718.3	717.3	709.4	694.7	675.1	664.8
150°	642.2	651.5	666.2	677.0	682.9	682.9	682.9	677.0	666.2	651.5	642.2
152.5°	622.5	629.9	640.7	650.5	653.4	653.4	653.4	650.5	640.7	629.9	622.5
155°	604.3	610.2	619.0	626.9	628.9	629.9	628.9	626.9	619.0	610.2	604.3
157.5°	586.6	591.5	599.4	605.3	607.3	607.3	607.3	605.3	599.4	591.5	586.6
160°	570.4	573.8	580.7	586.6	586.6	585.6	586.6	586.6	580.7	573.8	570.4
162.5°	555.2	558.1	562.1	567.0	567.0	566.0	567.0	567.0	562.1	558.1	555.2
165°	540.0	542.4	546.3	550.3	549.3	549.3	549.3	550.3	546.3	542.4	540.0
167.5°	526.7	528.6	530.6	533.6	532.6	532.6	532.6	533.6	530.6	528.6	526.7
170°	514.9	515.9	516.9	518.8	517.8	517.8	517.8	518.8	516.9	515.9	514.9
172.5°	504.6	505.1	505.1	507.0	505.1	504.1	505.1	507.0	505.1	505.1	504.6
175°	495.2	495.2	495.2	496.2	495.2	494.3	495.2	496.2	495.2	495.2	495.2
177.5°	489.3	489.3	488.4	489.3	487.4	487.4	487.4	489.3	488.4	489.3	489.3
180°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4

TEST NUMBER: P1011924

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1	1080.1
2.5°	1025.7	1027.8	1028.8	1024.7	1021.5	1026.7	1034.1	1039.3	1043.5	1048.7	1051.9
5°	965.0	972.3	972.3	974.4	977.6	982.8	996.4	1005.8	1014.2	1020.5	1025.7
7.5°	913.7	918.9	922.1	927.3	932.6	939.9	955.6	969.2	981.7	989.1	997.4
10°	867.7	871.8	877.1	880.2	889.6	900.1	920.0	931.5	946.2	957.7	968.1
12.5°	823.7	838.4	841.5	840.4	848.8	860.3	880.2	898.0	913.7	925.2	936.7
15°	792.3	797.5	803.8	802.8	820.6	823.7	840.4	861.4	882.3	889.6	900.1
17.5°	757.8	766.1	772.4	775.6	780.8	792.3	808.0	823.7	850.9	852.0	879.2
20°	730.6	738.9	743.1	747.3	750.4	764.0	777.7	795.4	817.4	828.9	843.6
22.5°	712.8	716.9	720.1	723.2	727.4	734.7	751.5	771.4	786.0	798.6	808.0
25°	691.8	696.0	700.2	702.3	705.4	709.6	722.2	737.9	758.8	767.2	776.6
27.5°	677.2	677.2	679.3	679.3	683.5	687.6	697.1	711.7	728.5	738.9	751.5
30°	661.5	660.4	661.5	660.4	659.4	665.7	674.0	686.6	698.1	710.7	719.0
32.5°	645.8	644.7	644.7	645.8	641.6	644.7	648.9	660.4	673.0	679.3	688.7
35°	629.0	626.9	626.9	626.9	624.8	622.7	626.9	637.4	645.8	654.1	661.5
37.5°	612.3	609.1	609.1	607.0	605.0	601.8	601.8	610.2	621.7	624.8	634.3
40°	589.3	589.3	587.2	586.1	584.0	581.9	578.8	586.1	596.6	599.7	607.0
42.5°	566.2	563.1	562.0	562.0	562.0	558.9	556.8	562.0	568.3	573.6	577.7
45°	540.1	538.0	539.0	538.0	535.9	534.8	533.8	535.9	543.2	545.3	550.5
47.5°	511.8	510.8	510.8	509.7	508.7	509.7	505.5	510.8	512.9	514.9	519.1
50°	482.5	481.5	480.4	479.4	479.4	480.4	479.4	479.4	483.5	485.6	489.8
52.5°	453.2	450.1	450.1	449.0	449.0	446.9	449.0	450.1	452.1	454.2	456.3
55°	421.8	421.8	418.7	418.7	416.6	416.6	417.6	416.6	420.7	422.8	422.8
57.5°	391.4	387.3	388.3	386.2	384.1	383.1	383.1	385.2	387.3	387.3	389.3
60°	359.0	354.8	353.8	349.6	351.7	348.5	349.6	349.6	353.8	351.7	353.8
62.5°	326.6	321.3	318.2	316.1	316.1	317.1	315.0	314.0	316.1	318.2	322.4
65°	292.0	288.9	285.7	282.6	282.6	281.5	283.6	280.5	279.5	280.5	282.6
67.5°	256.4	253.3	250.1	247.0	248.1	244.9	242.8	246.0	243.9	244.9	247.0
70°	221.9	219.8	213.5	211.4	210.4	211.4	210.4	208.3	211.4	210.4	211.4
72.5°	187.3	185.3	182.1	176.9	176.9	175.8	174.8	174.8	173.7	173.7	173.7
75°	153.9	149.7	146.5	145.5	143.4	142.3	141.3	139.2	140.2	141.3	139.2
77.5°	119.3	114.1	113.0	113.0	109.9	109.9	110.9	109.9	108.9	108.9	108.9
80°	87.9	83.7	83.7	81.6	79.5	79.5	79.5	79.5	78.5	77.5	78.5
82.5°	56.5	55.5	54.4	54.4	56.5	52.3	54.4	53.4	52.3	52.3	51.3
85°	31.4	32.4	31.4	32.4	30.4	31.4	31.4	31.4	30.4	31.4	29.3
87.5°	11.5	11.5	11.5	12.6	12.6	12.6	12.6	12.6	13.6	12.6	12.6
90°	26.5	25.5	24.6	23.6	24.6	21.6	18.7	15.7	12.8	11.8	10.8
92.5°	65.8	75.7	97.3	136.6	182.8	202.4	151.3	99.2	67.8	59.0	50.1
95°	187.7	239.8	353.7	472.6	582.7	518.8	357.7	211.3	127.7	108.6	89.4
97.5°	483.4	613.2	812.6	926.6	896.1	669.2	398.0	228.0	145.4	124.3	103.2
100°	963.9	1078.9	1158.5	1124.1	930.5	628.9	370.4	225.0	156.2	137.0	117.9
102.5°	1235.1	1290.2	1273.5	1133.9	866.7	569.9	346.9	228.9	169.0	151.8	134.6
105°	1394.3	1375.7	1277.4	1072.0	790.0	523.7	338.0	236.8	183.7	168.5	153.3
107.5°	1449.4	1372.7	1218.4	983.6	722.2	490.3	336.1	249.6	202.4	188.2	173.9
110°	1430.7	1306.9	1126.1	901.1	666.2	472.6	341.0	266.3	222.1	208.4	194.6

TEST NUMBER: P1011924

CATALOG NUMBER: S123DIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1362.9	1220.4	1034.7	829.3	628.9	462.8	350.8	283.0	242.7	229.4	216.2
115°	1271.5	1127.1	956.1	774.3	604.3	461.8	361.6	301.7	264.3	251.0	237.8
117.5°	1179.1	1046.5	895.2	737.9	587.6	462.8	375.4	321.3	284.0	271.7	259.4
120°	1099.5	981.6	849.0	710.4	576.8	466.7	391.1	340.0	304.6	292.3	280.0
122.5°	1036.7	929.6	812.6	687.8	569.9	473.6	405.8	359.6	325.2	312.0	298.7
125°	982.6	888.3	781.2	669.2	564.0	480.5	421.5	378.3	343.9	330.6	317.4
127.5°	936.4	850.0	752.7	651.5	561.1	488.4	434.3	395.0	361.6	348.4	335.1
130°	894.2	814.6	726.2	637.7	558.1	496.2	447.1	409.7	377.3	364.0	350.8
132.5°	853.9	781.2	701.6	624.9	557.1	502.1	458.9	422.5	391.1	378.3	365.5
135°	813.6	749.7	680.0	614.1	556.2	508.0	468.7	435.3	404.8	391.6	378.3
137.5°	775.3	718.3	659.3	604.3	554.2	511.9	476.6	444.1	414.7	402.4	390.1
140°	738.9	691.8	641.6	595.5	553.2	515.9	482.5	453.0	424.5	412.2	399.9
142.5°	705.5	666.2	624.9	587.6	551.2	518.8	488.4	459.9	432.4	421.0	409.7
145°	676.0	644.6	612.2	580.7	549.3	519.8	492.3	465.8	440.2	428.9	417.6
147.5°	654.4	627.9	601.4	573.8	546.3	519.8	495.2	470.7	447.1	437.2	427.4
150°	632.8	612.2	589.6	567.0	542.4	519.8	496.2	475.6	453.0	444.2	435.3
152.5°	615.1	597.4	578.8	559.1	537.5	516.9	498.2	478.5	459.9	451.6	443.2
155°	598.4	583.7	568.0	551.2	531.6	514.9	498.2	482.5	465.8	458.9	452.0
157.5°	581.7	569.9	556.2	542.4	526.7	511.9	499.2	484.4	470.7	465.3	459.9
160°	567.0	557.1	546.3	533.6	520.8	510.0	499.2	487.4	475.6	470.7	465.8
162.5°	552.2	543.4	534.5	524.7	514.9	506.0	498.2	488.4	478.5	474.6	470.7
165°	537.5	530.6	524.7	516.9	509.0	502.1	496.2	489.3	481.5	478.0	474.6
167.5°	524.7	520.8	515.9	509.0	503.1	498.2	495.2	489.3	483.4	481.0	478.5
170°	513.9	510.0	507.0	502.1	497.2	494.3	492.3	488.4	483.4	482.4	481.5
172.5°	504.1	501.1	499.2	495.2	492.3	491.3	491.3	488.4	484.4	483.9	483.4
175°	495.2	493.3	492.3	490.3	488.4	488.4	489.3	487.4	485.4	484.9	484.4
177.5°	489.3	488.4	487.4	486.4	485.4	486.4	488.4	486.4	485.4	485.4	485.4
180°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4

TEST NUMBER: P1011924

CATALOG NUMBER: S123DIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1080.1	1080.1	1080.1	1080.1
2.5°	1057.1	1060.2	1070.7	1083.3
5°	1036.2	1044.5	1059.2	1079.1
7.5°	1013.1	1025.7	1046.6	1071.8
10°	987.0	1004.8	1030.9	1062.3
12.5°	958.7	981.7	1015.2	1047.7
15°	940.9	964.0	994.3	1029.9
17.5°	906.4	933.6	965.0	1015.2
20°	870.8	901.2	942.0	992.2
22.5°	843.6	876.0	914.8	968.1
25°	811.1	844.6	886.5	942.0
27.5°	776.6	810.1	857.2	915.8
30°	750.4	782.9	827.9	890.7
32.5°	719.0	750.4	797.5	863.5
35°	683.5	719.0	764.0	831.0
37.5°	656.2	688.7	735.8	799.6
40°	626.9	655.2	701.2	764.0
42.5°	595.5	626.9	666.7	729.5
45°	566.2	589.3	630.1	689.7
47.5°	534.8	561.0	592.4	638.4
50°	501.3	523.3	557.9	589.3
52.5°	468.9	486.7	516.0	540.1
55°	434.4	452.1	474.1	488.8
57.5°	401.9	414.5	429.1	438.5
60°	362.1	374.7	384.1	393.5
62.5°	326.6	336.0	341.2	346.4
65°	289.9	295.2	298.3	302.5
67.5°	250.1	255.4	256.4	262.7
70°	213.5	214.6	216.7	219.8
72.5°	179.0	181.1	180.0	182.1
75°	143.4	145.5	143.4	145.5
77.5°	108.9	110.9	110.9	114.1
80°	78.5	79.5	80.6	80.6
82.5°	51.3	54.4	52.3	53.4
85°	29.3	30.4	30.4	31.4
87.5°	13.6	14.7	13.6	15.7
90°	8.8	5.9	3.9	2.0
92.5°	40.3	31.4	21.6	14.7
95°	63.9	47.2	36.4	33.4
97.5°	77.6	62.9	54.0	53.1
100°	94.3	80.6	73.7	72.7
102.5°	114.0	101.2	95.3	93.3
105°	134.6	122.8	116.9	114.0
107.5°	156.2	144.4	138.5	135.6
110°	177.9	167.0	162.1	159.2

TEST NUMBER: P1011924

CATALOG NUMBER: S123DIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	199.5	188.7	183.7	180.8
115°	221.1	211.3	205.4	201.4
117.5°	240.7	231.9	227.0	222.1
120°	261.4	251.5	246.6	243.7
122.5°	281.0	270.2	265.3	262.4
125°	298.7	287.9	282.0	280.0
127.5°	314.4	303.6	296.7	293.8
130°	330.2	318.4	309.5	306.6
132.5°	344.9	330.2	320.3	316.4
135°	357.7	342.9	332.1	328.2
137.5°	369.5	353.7	342.9	339.0
140°	380.3	364.5	354.7	349.8
142.5°	390.1	376.3	365.5	361.6
145°	400.9	386.2	377.3	374.4
147.5°	410.7	398.0	389.1	387.1
150°	421.5	408.8	400.9	399.9
152.5°	431.4	420.6	412.7	412.7
155°	441.2	431.4	425.5	425.5
157.5°	450.0	441.2	436.3	435.3
160°	458.9	451.0	447.1	447.1
162.5°	464.8	458.9	455.9	455.9
165°	470.7	465.8	463.8	464.8
167.5°	475.6	471.7	470.7	471.7
170°	479.5	476.6	475.6	477.6
172.5°	482.5	480.5	480.5	481.5
175°	484.4	482.5	483.4	484.4
177.5°	485.4	484.4	485.4	486.4
180°	485.4	485.4	485.4	485.4

(END OF REPORT)