

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: P1011120

Luminaire Tested: S123DIP-B1000D365UB30-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1011120
REPORT IS A COMBINATION OF REPORTS P989165 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123DIP-B1000D365UB30-4F0-XX-W2A-A4
Description: Define 3 Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

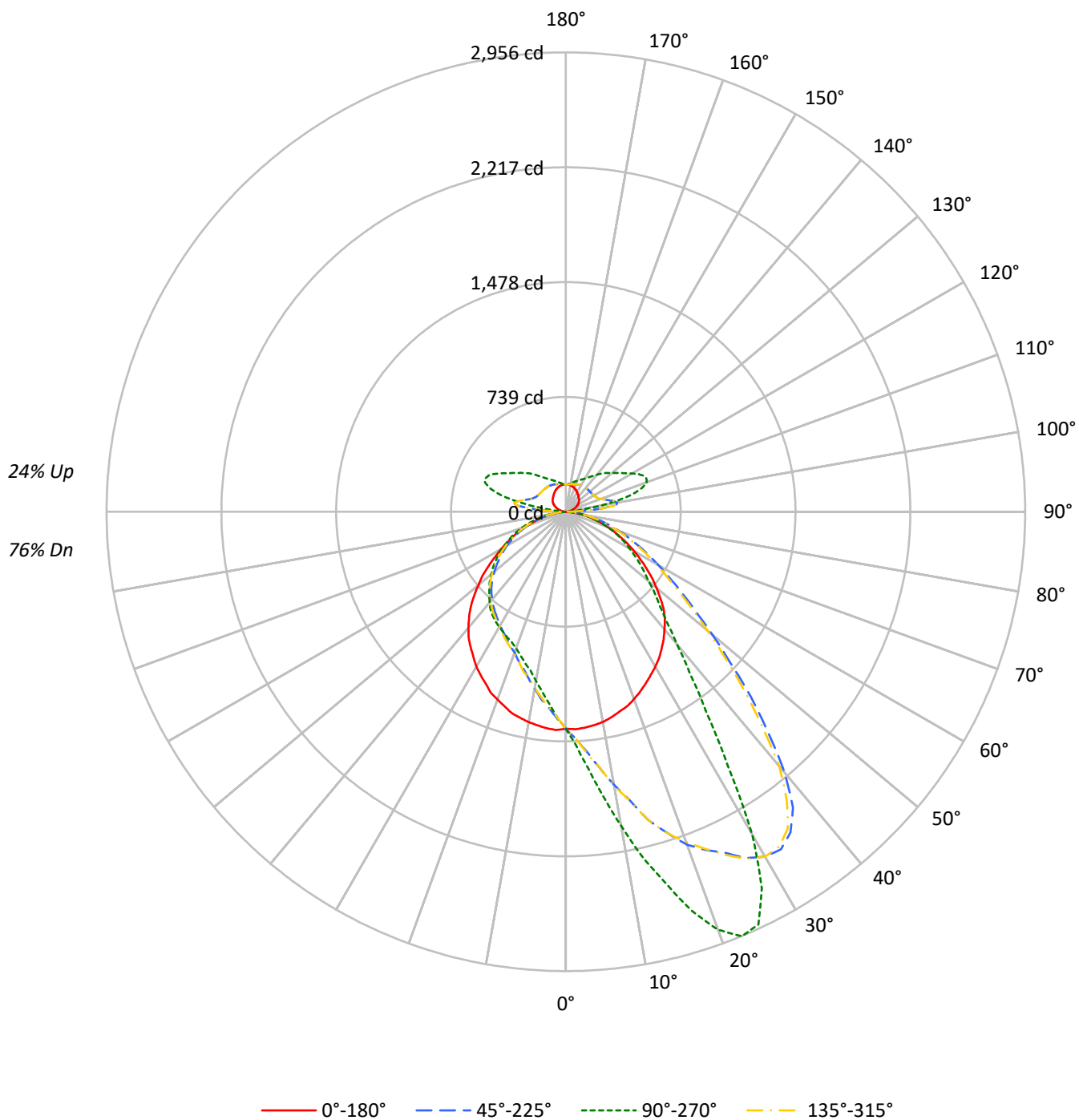
Lumens per Lamp: N/A
Luminaire Lumens: 5536.0 lumens
Efficiency: N/A
Efficacy: 98.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 56.1
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	113	113	113	113	108	108	108	108	98	98	98	89	89	89	80	80	80
1	104	100	96	92	99	95	92	89	87	84	82	79	77	75	72	70	69
2	95	88	81	76	90	84	78	73	76	72	68	70	66	63	63	61	58
3	87	77	70	64	83	74	67	62	68	62	58	62	58	54	57	53	50
4	80	69	61	55	76	66	59	53	61	54	50	55	51	47	51	47	43
5	74	62	53	47	70	59	52	46	54	48	43	50	45	41	46	42	38
6	68	56	47	41	65	53	46	40	49	43	38	45	40	36	42	37	34
7	63	50	42	36	60	48	41	35	45	38	34	41	36	32	38	34	30
8	59	46	38	32	56	44	37	32	41	35	30	38	32	28	35	30	27
9	55	42	34	29	52	41	33	28	38	31	27	35	30	26	32	28	24
10	51	39	31	26	49	37	30	26	35	29	24	32	27	23	30	25	22

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15029	15029	15029	15029
5°	15039	17316	15082	12923
10°	14943	20955	14958	11285
15°	14737	24851	14856	10158
20°	14559	28611	14590	9348
25°	14294	29332	14326	8925
30°	14106	24234	14106	8647
35°	13872	16208	13786	8402
40°	13592	11700	13425	8027
45°	13241	9267	12860	7561
50°	12386	7870	11945	7103
55°	11448	6916	10982	6593
60°	10497	6022	9937	6056
65°	9452	5156	8995	5341
70°	8366	4281	7810	4503
75°	7155	3228	6691	3475
80°	5657	2154	5217	2283
85°	3900	989	3122	900

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 24237 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.3	2.5
10°-20°	441.0	8.0
20°-30°	742.1	13.4
30°-40°	838.6	15.1
40°-50°	751.1	13.6
50°-60°	606.3	11.0
60°-70°	422.5	7.6
70°-80°	221.8	4.0
80°-90°	54.1	1.0
90°-100°	95.3	1.7
100°-110°	279.0	5.0
110°-120°	272.5	4.9
120°-130°	217.0	3.9
130°-140°	171.2	3.1
140°-150°	127.7	2.3
150°-160°	89.0	1.6
160°-170°	52.3	0.9
170°-180°	17.0	0.3
0°-30°	1320.4	23.9
0°-40°	2159.1	39.0
0°-60°	3516.5	63.5
0°-90°	4215.0	76.1
90°-120°	646.8	11.7
90°-150°	1162.7	21.0
90°-180°	1321.0	23.9
0°-180°	5536.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1396	1396	1396	1396	1396	
5°	1395	1659	1399	1238	1395	132
15°	1331	2469	1342	1009	1331	376
25°	1218	2930	1220	892	1218	562
35°	1074	1579	1068	818	1074	672
45°	892	852	866	695	892	682
55°	632	579	606	552	632	566
65°	391	376	372	390	391	389
75°	188	194	176	208	188	202
85°	41	45	32	41	41	47
90°	1	10	1	10	1	4
95°	12	41	12	41	12	13
105°	41	452	41	452	41	44
115°	73	550	73	550	73	72
125°	101	434	101	434	101	90
135°	119	352	119	352	119	92
145°	135	275	135	275	135	85
155°	154	228	154	228	154	71
165°	168	199	168	199	168	47
175°	175	179	175	179	175	17
180°	176	176	176	176	176	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2
2.5°	1400.3	1411.1	1416.5	1424.6	1432.7	1444.9	1449.0	1455.7	1453.0	1458.4	1461.2
5°	1394.9	1413.8	1430.0	1450.3	1469.3	1482.8	1496.3	1518.0	1534.2	1536.9	1549.1
7.5°	1385.4	1412.4	1440.9	1469.3	1505.8	1527.4	1551.8	1581.6	1605.9	1645.2	1660.0
10°	1373.2	1411.1	1451.7	1490.9	1541.0	1574.8	1604.6	1654.6	1704.7	1745.3	1783.2
12.5°	1354.3	1401.6	1454.4	1512.6	1577.5	1616.7	1657.3	1723.6	1799.4	1861.6	1902.2
15°	1331.3	1390.8	1458.4	1520.7	1592.4	1665.4	1708.7	1783.2	1891.4	1949.6	2053.7
17.5°	1312.3	1373.2	1440.9	1538.3	1635.7	1708.7	1739.9	1876.5	1950.9	2048.3	2166.0
20°	1282.6	1359.7	1446.3	1543.7	1669.5	1714.2	1777.7	1915.7	2007.7	2134.9	2279.7
22.5°	1251.5	1334.0	1438.2	1539.6	1680.3	1727.7	1814.3	1923.9	2070.0	2195.8	2355.4
25°	1217.6	1306.9	1412.4	1532.9	1670.9	1739.9	1821.0	1956.3	2114.6	2272.9	2420.4
27.5°	1183.8	1281.2	1390.8	1511.2	1645.2	1726.3	1807.5	1948.2	2151.1	2323.0	2511.0
30°	1151.3	1248.7	1358.3	1481.4	1622.2	1700.6	1777.7	1953.6	2179.6	2373.0	2562.4
32.5°	1116.2	1216.3	1331.3	1434.1	1576.2	1660.0	1746.6	1953.6	2197.1	2402.8	2576.0
35°	1074.2	1177.0	1275.8	1378.6	1519.3	1612.7	1710.1	1940.1	2213.4	2412.3	2519.1
37.5°	1033.6	1124.3	1209.5	1309.6	1457.1	1557.2	1669.5	1923.9	2205.3	2371.7	2401.4
40°	987.6	1078.3	1147.3	1240.6	1396.2	1512.6	1626.2	1902.2	2170.1	2275.6	2189.0
42.5°	943.0	1014.7	1074.2	1164.9	1334.0	1447.6	1570.7	1863.0	2101.1	2122.7	1927.9
45°	891.6	943.0	995.7	1098.6	1266.3	1382.7	1519.3	1806.1	1990.1	1927.9	1681.7
47.5°	825.3	871.3	929.5	1024.2	1194.6	1315.0	1444.9	1733.1	1829.1	1699.3	1430.0
50°	761.7	800.9	855.0	947.0	1118.9	1236.6	1374.6	1618.1	1665.4	1461.2	1232.5
52.5°	698.1	727.9	780.6	872.6	1044.5	1158.1	1283.9	1500.4	1473.3	1254.2	1051.2
55°	631.8	657.5	707.6	798.2	957.9	1066.1	1186.5	1355.6	1285.3	1076.9	914.6
57.5°	566.9	593.9	645.3	721.1	871.3	976.8	1072.9	1205.5	1099.9	933.5	790.1
60°	508.7	531.7	570.9	645.3	782.0	867.2	955.2	1045.8	957.9	796.9	687.3
62.5°	447.8	469.5	506.0	573.6	691.3	767.1	837.5	911.9	814.5	696.8	599.3
65°	391.0	408.6	442.4	504.6	600.7	662.9	719.8	771.2	692.7	584.5	511.4
67.5°	339.6	354.5	382.9	438.3	519.5	564.2	610.2	653.5	587.2	500.6	438.3
70°	284.1	296.3	322.0	362.6	427.5	473.5	507.3	539.8	480.3	411.3	369.3
72.5°	235.4	247.6	263.8	305.8	350.4	378.8	415.3	432.9	399.1	342.3	300.3
75°	188.1	197.5	212.4	239.5	281.4	300.3	323.3	336.9	305.8	267.9	242.2
77.5°	147.5	151.5	162.4	181.3	209.7	231.3	248.9	257.1	235.4	211.1	189.4
80°	104.2	109.6	117.7	133.9	155.6	162.4	173.2	182.6	169.1	147.5	133.9
82.5°	69.0	75.8	79.8	86.6	100.1	108.2	110.9	119.1	106.9	98.8	93.4
85°	40.6	43.3	44.6	48.7	55.5	59.5	63.6	64.9	62.2	60.9	55.5
87.5°	20.3	20.3	20.3	23.0	24.4	27.1	28.4	28.4	28.4	27.1	25.7
90°	0.7	1.4	2.1	3.2	3.9	4.2	4.6	5.7	6.8	7.8	8.9
92.5°	5.3	7.8	11.4	14.6	18.1	21.3	24.5	35.9	54.7	73.2	66.1
95°	12.1	13.2	17.1	23.1	32.4	39.3	46.2	76.4	129.4	187.7	210.8
97.5°	19.2	19.6	22.8	28.1	37.3	45.0	52.6	82.5	144.0	242.1	324.2
100°	26.3	26.7	29.2	34.1	42.7	49.6	56.5	81.4	134.0	227.5	336.7
102.5°	33.8	34.5	36.6	41.2	48.7	54.9	61.1	82.8	125.5	206.2	313.6
105°	41.2	42.3	44.4	48.7	55.5	61.0	66.5	85.7	122.3	189.5	285.8
107.5°	49.1	50.1	52.3	56.5	62.9	68.0	73.2	90.3	121.6	177.4	261.3
110°	57.6	58.7	60.4	64.3	70.4	75.4	80.3	96.3	123.4	171.0	241.0

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	65.4	66.5	68.3	72.2	78.2	83.0	87.8	102.4	126.9	167.4	227.5
115°	72.9	74.3	76.4	80.0	86.0	90.8	95.6	109.1	130.8	167.1	218.6
117.5°	80.3	82.1	83.9	87.1	93.9	98.3	102.7	116.3	135.8	167.4	212.6
120°	88.2	89.2	91.0	94.6	101.3	105.8	110.2	123.0	141.5	168.9	208.7
122.5°	94.9	96.0	97.8	101.7	108.1	112.9	117.7	130.1	146.8	171.4	206.2
125°	101.3	102.0	104.2	108.1	114.8	119.6	124.4	136.9	152.5	173.8	204.1
127.5°	106.3	107.4	109.9	113.8	121.2	126.0	130.8	142.9	157.1	176.7	203.0
130°	110.9	112.0	115.2	119.4	126.9	131.7	136.5	148.2	161.8	179.5	201.9
132.5°	114.5	115.9	119.4	124.8	132.2	136.8	141.5	152.9	166.0	181.7	201.6
135°	118.7	120.2	124.1	129.4	136.9	141.7	146.5	157.5	169.6	183.8	201.2
137.5°	122.6	124.1	128.0	133.7	141.1	145.6	150.0	160.7	172.4	185.2	200.5
140°	126.6	128.3	131.9	137.6	144.7	149.1	153.6	163.9	174.6	186.6	200.1
142.5°	130.8	132.2	136.2	141.1	148.2	152.3	156.4	166.4	176.7	187.7	199.4
145°	135.4	136.5	139.7	145.0	151.1	155.2	159.3	168.5	178.1	188.1	198.7
147.5°	140.1	140.8	144.0	148.6	154.6	158.2	161.8	170.3	179.2	188.1	197.7
150°	144.7	145.0	147.9	152.5	157.5	160.7	163.9	172.1	179.5	188.1	196.2
152.5°	149.3	149.3	152.2	156.1	160.3	163.4	166.4	173.1	180.2	187.0	194.5
155°	153.9	153.9	156.1	159.6	163.5	166.0	168.5	174.6	180.2	186.3	192.3
157.5°	157.5	157.8	159.6	162.8	166.4	168.4	170.3	175.3	180.6	185.2	190.6
160°	161.8	161.8	163.2	166.0	168.5	170.3	172.1	176.3	180.6	184.5	188.4
162.5°	165.0	165.0	166.0	168.2	170.3	171.7	173.1	176.7	180.2	183.1	186.3
165°	168.2	167.8	168.5	170.3	171.7	173.0	174.2	177.0	179.5	181.7	184.2
167.5°	170.6	170.3	170.6	172.1	173.1	174.0	174.9	177.0	179.2	180.2	182.0
170°	172.8	172.1	172.4	173.5	174.2	174.6	174.9	176.7	178.1	178.8	179.9
172.5°	174.2	173.8	173.8	174.6	174.9	175.1	175.3	176.7	177.8	177.8	178.1
175°	175.3	174.9	174.6	175.3	175.3	175.4	175.6	176.3	177.0	176.7	176.7
177.5°	176.0	175.6	175.3	175.6	175.6	175.6	175.6	176.0	176.7	176.0	175.6
180°	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2
2.5°	1470.6	1473.3	1482.8	1489.6	1503.1	1501.7	1501.7	1500.4	1496.3	1503.1	1507.2
5°	1573.4	1596.4	1599.2	1628.9	1630.3	1642.4	1650.6	1643.8	1660.0	1658.7	1646.5
7.5°	1700.6	1731.7	1746.6	1775.0	1807.5	1799.4	1830.5	1835.9	1833.2	1846.7	1856.2
10°	1840.0	1894.1	1932.0	1984.7	1998.3	2006.4	2026.7	2044.3	2079.4	2052.4	2070.0
12.5°	1999.6	2038.9	2088.9	2172.8	2214.7	2241.8	2251.3	2263.4	2287.8	2272.9	2274.3
15°	2133.6	2186.3	2271.6	2375.7	2387.9	2421.7	2413.6	2486.7	2521.8	2469.1	2498.8
17.5°	2272.9	2343.3	2444.7	2535.4	2586.8	2609.8	2631.4	2701.8	2699.1	2691.0	2697.7
20°	2362.2	2477.2	2603.0	2723.4	2738.3	2755.9	2814.1	2843.8	2838.4	2861.4	2876.3
22.5°	2488.0	2609.8	2743.7	2823.5	2857.4	2877.7	2923.7	2942.6	2950.7	2956.1	2946.7
25°	2593.5	2723.4	2822.2	2892.5	2912.8	2923.7	2938.5	2944.0	2939.9	2930.4	2938.5
27.5°	2665.3	2769.4	2837.1	2869.5	2858.7	2841.1	2812.7	2793.8	2751.8	2731.5	2755.9
30°	2695.0	2741.0	2761.3	2707.2	2653.1	2609.8	2555.7	2455.6	2377.1	2400.1	2369.0
32.5°	2647.7	2617.9	2520.5	2381.1	2339.2	2268.8	2116.0	1998.3	2002.3	1940.1	1965.8
35°	2508.3	2373.0	2189.0	1978.0	1922.5	1884.6	1716.9	1691.2	1637.0	1578.9	1595.1
37.5°	2262.1	2064.6	1841.3	1685.7	1603.2	1520.7	1426.0	1369.2	1336.7	1312.3	1331.3
40°	1961.7	1720.9	1536.9	1397.6	1327.2	1274.5	1209.5	1152.7	1116.2	1112.1	1118.9
42.5°	1666.8	1463.9	1294.7	1162.2	1139.2	1076.9	1035.0	990.3	979.5	961.9	971.4
45°	1411.1	1246.0	1106.7	998.5	971.4	955.2	903.8	875.3	863.2	852.3	868.6
47.5°	1225.7	1052.6	951.1	886.2	859.1	832.0	803.6	784.7	775.2	776.6	775.2
50°	1047.2	920.0	830.7	780.6	764.4	745.5	722.5	710.3	706.2	694.0	703.5
52.5°	901.0	809.0	746.8	699.5	687.3	673.8	654.8	648.0	638.6	635.9	635.9
55°	783.3	711.6	661.6	630.5	615.6	604.8	593.9	585.8	579.1	579.1	579.1
57.5°	691.3	629.1	592.6	565.5	560.1	549.3	537.1	537.1	527.6	526.3	530.3
60°	612.9	557.4	529.0	506.0	497.9	495.2	483.0	483.0	480.3	473.5	478.9
62.5°	533.1	492.5	468.1	450.5	442.4	442.4	432.9	426.2	426.2	427.5	424.8
65°	460.0	430.2	408.6	395.1	391.0	385.6	384.2	378.8	374.8	376.1	374.8
67.5°	395.1	372.1	357.2	346.3	339.6	336.9	332.8	332.8	330.1	331.5	324.7
70°	336.9	313.9	301.7	290.9	288.2	288.2	282.8	284.1	281.4	285.5	282.8
72.5°	277.3	259.8	250.3	246.2	243.5	242.2	239.5	236.8	235.4	238.1	236.8
75°	224.6	209.7	202.9	200.2	197.5	197.5	196.2	194.8	193.5	193.5	193.5
77.5°	174.5	165.1	156.9	159.6	155.6	156.9	152.9	152.9	154.2	152.9	152.9
80°	128.5	121.8	121.8	119.1	113.6	116.4	116.4	112.3	110.9	113.6	109.6
82.5°	85.2	83.9	81.2	79.8	77.1	78.5	77.1	75.8	74.4	77.1	74.4
85°	50.1	50.1	48.7	46.0	48.7	47.4	46.0	46.0	44.6	44.6	44.6
87.5°	25.7	23.0	23.0	21.6	23.0	20.3	21.6	20.3	18.9	20.3	18.9
90°	8.5	8.9	9.2	9.6	10.0	10.3	10.0	10.3	10.7	10.3	10.7
92.5°	49.4	35.2	27.4	23.8	22.6	21.3	20.6	19.2	19.6	18.8	19.6
95°	171.0	128.0	86.7	67.9	61.5	55.1	48.3	45.1	42.7	41.2	42.7
97.5°	335.2	294.0	221.8	174.9	154.6	134.4	110.6	97.1	88.5	84.6	88.5
100°	406.7	419.1	390.3	348.8	323.6	298.3	262.4	236.4	222.5	222.9	222.5
102.5°	410.3	460.7	466.8	446.9	433.2	419.5	393.5	374.3	363.3	353.0	363.3
105°	387.9	462.2	497.7	504.5	499.8	495.2	478.9	465.4	454.0	452.2	454.0
107.5°	355.9	440.8	496.6	524.4	529.2	534.0	531.8	525.4	520.8	516.9	520.8
110°	326.0	407.4	472.8	517.6	530.0	542.5	552.5	555.3	554.6	553.9	554.6

TEST NUMBER: P1011120

CATALOG NUMBER: S123DIP-B1000D365UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	300.0	374.3	441.5	493.1	510.0	526.9	547.1	557.4	561.0	561.3	561.0
115°	280.1	345.9	407.8	460.0	479.4	498.8	525.4	541.1	548.2	550.0	548.2
117.5°	267.0	323.9	378.6	426.6	446.7	466.8	494.5	511.9	522.6	525.1	522.6
120°	257.0	307.2	355.1	397.8	415.8	433.7	461.8	481.7	490.2	492.4	490.2
122.5°	248.9	294.0	336.3	375.1	391.5	407.8	431.9	449.4	459.0	461.8	459.0
125°	242.1	282.6	321.4	355.5	369.7	383.9	406.7	422.3	431.2	433.7	431.2
127.5°	235.7	272.3	307.5	338.8	352.0	365.1	385.7	399.2	407.4	409.5	407.4
130°	230.7	262.7	294.7	323.5	335.6	347.7	366.5	379.3	386.8	389.6	386.8
132.5°	226.1	253.8	282.6	308.9	320.3	331.7	349.1	361.9	368.3	370.1	368.3
135°	222.2	246.0	271.3	294.4	304.5	314.6	332.0	342.7	349.1	351.6	349.1
137.5°	218.6	238.5	259.9	280.5	289.6	298.6	313.6	324.6	329.9	332.0	329.9
140°	215.4	232.1	250.3	267.3	275.0	282.6	296.1	306.1	311.8	311.4	311.8
142.5°	212.6	226.1	241.0	255.3	261.7	268.1	279.1	287.6	292.6	292.2	292.6
145°	210.1	221.5	233.2	244.6	249.8	254.9	263.8	271.3	274.1	274.8	274.1
147.5°	207.6	217.6	227.2	236.8	240.5	244.2	251.3	256.7	259.5	259.9	259.5
150°	205.1	213.3	221.5	228.9	232.3	235.7	241.0	244.9	247.1	247.1	247.1
152.5°	202.3	209.4	216.1	222.5	225.2	227.9	231.8	235.3	236.4	236.4	236.4
155°	199.4	205.5	211.2	216.5	218.6	220.8	224.0	226.8	227.5	227.9	227.5
157.5°	196.2	201.2	206.2	210.5	212.2	214.0	216.9	219.0	219.7	219.7	219.7
160°	193.0	197.7	201.6	205.1	206.4	207.6	210.1	212.2	212.2	211.9	212.2
162.5°	189.8	193.4	196.6	199.8	200.9	201.9	203.3	205.1	205.1	204.8	205.1
165°	187.0	189.8	192.0	194.5	195.4	196.2	197.7	199.1	198.7	198.7	198.7
167.5°	184.2	186.6	188.4	189.8	190.6	191.3	192.0	193.0	192.7	192.7	192.7
170°	181.7	183.4	184.5	185.9	186.2	186.6	187.0	187.7	187.4	187.4	187.4
172.5°	179.2	180.6	181.3	182.4	182.6	182.7	182.7	183.4	182.7	182.4	182.7
175°	177.4	178.1	178.5	179.2	179.2	179.2	179.2	179.5	179.2	178.8	179.2
177.5°	176.0	176.3	176.7	177.0	177.0	177.0	176.7	177.0	176.3	176.3	176.3
180°	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6

TEST NUMBER: P1011120

CATALOG NUMBER: S123DIP-B1000D365UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2
2.5°	1496.3	1500.4	1489.6	1486.9	1486.9	1492.3	1488.2	1451.7	1458.4	1450.3	1447.6
5°	1661.4	1653.3	1642.4	1637.0	1630.3	1611.3	1610.0	1568.0	1559.9	1532.9	1520.7
7.5°	1842.7	1835.9	1803.4	1799.4	1796.7	1779.1	1734.4	1689.8	1657.3	1626.2	1596.4
10°	2049.7	2029.4	2014.5	1984.7	1969.9	1945.5	1887.3	1845.4	1789.9	1742.6	1680.3
12.5°	2298.6	2275.6	2225.6	2203.9	2185.0	2117.3	2059.1	2011.8	1903.6	1871.1	1794.0
15°	2481.3	2432.6	2427.1	2379.8	2377.1	2302.7	2191.7	2140.3	2056.4	1937.4	1857.6
17.5°	2678.8	2635.5	2601.7	2544.8	2536.7	2466.4	2385.2	2259.4	2167.4	2053.7	1952.3
20°	2823.5	2800.5	2742.4	2719.4	2672.0	2612.5	2528.6	2373.0	2260.7	2147.1	2022.6
22.5°	2938.5	2915.5	2869.5	2838.4	2811.4	2734.3	2634.1	2501.6	2347.3	2198.5	2070.0
25°	2937.2	2930.4	2911.5	2896.6	2876.3	2819.5	2735.6	2608.4	2436.6	2272.9	2094.3
27.5°	2770.8	2789.7	2822.2	2838.4	2834.4	2826.3	2778.9	2672.0	2517.8	2323.0	2122.7
30°	2424.4	2493.4	2554.3	2635.5	2659.8	2719.4	2746.4	2685.5	2562.4	2381.1	2159.3
32.5°	2010.4	2110.6	2243.1	2287.8	2364.9	2479.9	2608.4	2631.4	2554.3	2415.0	2182.3
35°	1649.2	1731.7	1834.6	1904.9	1973.9	2160.6	2323.0	2463.7	2489.4	2397.4	2176.9
37.5°	1365.1	1423.3	1513.9	1573.4	1637.0	1796.7	2024.0	2206.6	2335.1	2337.8	2162.0
40°	1159.5	1185.2	1263.6	1306.9	1367.8	1505.8	1708.7	1946.9	2134.9	2221.5	2122.7
42.5°	982.2	1016.0	1081.0	1113.5	1152.7	1273.1	1407.0	1633.0	1865.7	2051.0	2049.7
45°	876.7	901.0	930.8	957.9	1002.5	1074.2	1227.1	1396.2	1619.4	1829.1	1911.7
47.5°	783.3	806.3	836.1	844.2	874.0	941.6	1035.0	1182.5	1390.8	1599.2	1754.7
50°	704.9	723.8	744.1	759.0	772.5	828.0	898.3	1022.8	1189.2	1390.8	1584.3
52.5°	644.0	657.5	675.1	683.2	695.4	736.0	790.1	882.1	1018.7	1202.7	1390.8
55°	587.2	596.6	607.5	621.0	626.4	656.2	698.1	776.6	878.0	1043.1	1221.7
57.5°	534.4	538.5	545.2	553.3	560.1	585.8	622.3	675.1	764.4	891.6	1060.7
60°	474.9	485.7	489.8	497.9	501.9	522.2	550.6	595.3	664.3	773.9	901.0
62.5°	424.8	431.6	438.3	442.4	451.9	458.6	481.6	522.2	579.1	660.2	775.2
65°	380.2	382.9	386.9	391.0	393.7	401.8	423.5	450.5	493.8	565.5	654.8
67.5°	328.8	331.5	336.9	338.2	340.9	351.8	363.9	386.9	423.5	477.6	550.6
70°	278.7	282.8	285.5	288.2	292.2	296.3	309.8	328.8	357.2	395.1	451.9
72.5°	235.4	239.5	239.5	242.2	240.8	246.2	259.8	273.3	292.2	323.3	373.4
75°	192.1	192.1	194.8	196.2	197.5	202.9	208.3	219.2	234.1	258.4	289.5
77.5°	151.5	150.2	152.9	152.9	152.9	156.9	162.4	167.8	177.2	194.8	219.2
80°	110.9	110.9	113.6	115.0	112.3	113.6	116.4	121.8	128.5	140.7	154.2
82.5°	73.1	78.5	77.1	78.5	77.1	79.8	81.2	82.5	85.2	90.6	100.1
85°	44.6	44.6	44.6	46.0	44.6	46.0	46.0	46.0	47.4	50.1	54.1
87.5°	18.9	18.9	18.9	20.3	18.9	18.9	20.3	18.9	20.3	20.3	21.6
90°	10.3	10.0	10.3	10.0	9.6	9.2	8.9	8.5	8.9	7.8	6.8
92.5°	19.2	20.6	21.3	22.6	23.8	27.4	35.2	49.4	66.1	73.2	54.7
95°	45.1	48.3	55.1	61.5	67.9	86.7	128.0	171.0	210.8	187.7	129.4
97.5°	97.1	110.6	134.4	154.6	174.9	221.8	294.0	335.2	324.2	242.1	144.0
100°	236.4	262.4	298.3	323.6	348.8	390.3	419.1	406.7	336.7	227.5	134.0
102.5°	374.3	393.5	419.5	433.2	446.9	466.8	460.7	410.3	313.6	206.2	125.5
105°	465.4	478.9	495.2	499.8	504.5	497.7	462.2	387.9	285.8	189.5	122.3
107.5°	525.4	531.8	534.0	529.2	524.4	496.6	440.8	355.9	261.3	177.4	121.6
110°	555.3	552.5	542.5	530.0	517.6	472.8	407.4	326.0	241.0	171.0	123.4

TEST NUMBER: P1011120

CATALOG NUMBER: S123DIP-B1000D365UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	557.4	547.1	526.9	510.0	493.1	441.5	374.3	300.0	227.5	167.4	126.9
115°	541.1	525.4	498.8	479.4	460.0	407.8	345.9	280.1	218.6	167.1	130.8
117.5°	511.9	494.5	466.8	446.7	426.6	378.6	323.9	267.0	212.6	167.4	135.8
120°	481.7	461.8	433.7	415.8	397.8	355.1	307.2	257.0	208.7	168.9	141.5
122.5°	449.4	431.9	407.8	391.5	375.1	336.3	294.0	248.9	206.2	171.4	146.8
125°	422.3	406.7	383.9	369.7	355.5	321.4	282.6	242.1	204.1	173.8	152.5
127.5°	399.2	385.7	365.1	352.0	338.8	307.5	272.3	235.7	203.0	176.7	157.1
130°	379.3	366.5	347.7	335.6	323.5	294.7	262.7	230.7	201.9	179.5	161.8
132.5°	361.9	349.1	331.7	320.3	308.9	282.6	253.8	226.1	201.6	181.7	166.0
135°	342.7	332.0	314.6	304.5	294.4	271.3	246.0	222.2	201.2	183.8	169.6
137.5°	324.6	313.6	298.6	289.6	280.5	259.9	238.5	218.6	200.5	185.2	172.4
140°	306.1	296.1	282.6	275.0	267.3	250.3	232.1	215.4	200.1	186.6	174.6
142.5°	287.6	279.1	268.1	261.7	255.3	241.0	226.1	212.6	199.4	187.7	176.7
145°	271.3	263.8	254.9	249.8	244.6	233.2	221.5	210.1	198.7	188.1	178.1
147.5°	256.7	251.3	244.2	240.5	236.8	227.2	217.6	207.6	197.7	188.1	179.2
150°	244.9	241.0	235.7	232.3	228.9	221.5	213.3	205.1	196.2	188.1	179.5
152.5°	235.3	231.8	227.9	225.2	222.5	216.1	209.4	202.3	194.5	187.0	180.2
155°	226.8	224.0	220.8	218.6	216.5	211.2	205.5	199.4	192.3	186.3	180.2
157.5°	219.0	216.9	214.0	212.2	210.5	206.2	201.2	196.2	190.6	185.2	180.6
160°	212.2	210.1	207.6	206.4	205.1	201.6	197.7	193.0	188.4	184.5	180.6
162.5°	205.1	203.3	201.9	200.9	199.8	196.6	193.4	189.8	186.3	183.1	180.2
165°	199.1	197.7	196.2	195.4	194.5	192.0	189.8	187.0	184.2	181.7	179.5
167.5°	193.0	192.0	191.3	190.6	189.8	188.4	186.6	184.2	182.0	180.2	179.2
170°	187.7	187.0	186.6	186.2	185.9	184.5	183.4	181.7	179.9	178.8	178.1
172.5°	183.4	182.7	182.7	182.6	182.4	181.3	180.6	179.2	178.1	177.8	177.8
175°	179.5	179.2	179.2	179.2	179.2	178.5	178.1	177.4	176.7	176.7	177.0
177.5°	177.0	176.7	177.0	177.0	177.0	176.7	176.3	176.0	175.6	176.0	176.7
180°	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6

TEST NUMBER: P1011120

CATALOG NUMBER: S123DIP-B1000D365UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2
2.5°	1434.1	1430.0	1430.0	1427.3	1419.2	1404.3	1403.0	1405.7	1397.6	1389.5	1377.3
5°	1504.4	1478.7	1470.6	1462.5	1446.3	1419.2	1408.4	1398.9	1384.0	1366.5	1347.5
7.5°	1564.0	1527.4	1516.6	1501.7	1469.3	1431.4	1407.0	1386.7	1366.5	1342.1	1319.1
10°	1638.4	1585.6	1559.9	1538.3	1493.6	1440.9	1404.3	1374.6	1342.1	1312.3	1282.6
12.5°	1722.3	1637.0	1628.9	1576.2	1524.7	1446.3	1401.6	1358.3	1315.0	1278.5	1247.4
15°	1792.6	1699.3	1665.4	1630.3	1531.5	1434.1	1390.8	1342.1	1292.0	1252.8	1206.8
17.5°	1837.3	1760.2	1688.4	1641.1	1538.3	1451.7	1367.8	1312.3	1259.6	1205.5	1167.6
20°	1891.4	1779.1	1716.9	1653.3	1551.8	1438.2	1354.3	1285.3	1220.3	1171.6	1125.6
22.5°	1945.5	1794.0	1742.6	1673.6	1554.5	1424.6	1329.9	1260.9	1186.5	1137.8	1087.7
25°	1940.1	1815.6	1730.4	1672.2	1527.4	1412.4	1301.5	1220.3	1151.3	1089.1	1039.0
27.5°	1944.1	1791.3	1704.7	1637.0	1508.5	1394.9	1271.7	1186.5	1114.8	1049.9	997.1
30°	1945.5	1754.7	1679.0	1597.8	1473.3	1352.9	1237.9	1151.3	1075.6	1005.2	957.9
32.5°	1941.4	1725.0	1630.3	1557.2	1417.9	1312.3	1198.7	1106.7	1029.6	964.6	920.0
35°	1932.0	1689.8	1580.2	1488.2	1361.0	1254.2	1162.2	1067.5	984.9	925.4	874.0
37.5°	1906.3	1651.9	1527.4	1436.8	1294.7	1186.5	1105.3	1026.9	947.0	876.7	833.4
40°	1887.3	1600.5	1474.7	1375.9	1223.0	1117.5	1049.9	975.5	897.0	833.4	791.5
42.5°	1844.0	1551.8	1420.6	1302.9	1152.7	1044.5	980.9	921.3	853.7	791.5	753.6
45°	1773.7	1499.0	1354.3	1235.2	1075.6	972.8	914.6	865.9	806.3	746.8	708.9
47.5°	1674.9	1423.3	1283.9	1164.9	999.8	895.6	837.5	800.9	753.6	703.5	671.0
50°	1568.0	1340.7	1212.2	1094.5	926.8	825.3	768.5	734.6	703.5	657.5	626.4
52.5°	1428.7	1252.8	1129.7	1017.4	848.3	750.9	700.8	676.5	644.0	611.5	584.5
55°	1293.4	1139.2	1037.7	930.8	771.2	680.5	631.8	606.1	587.2	560.1	538.5
57.5°	1136.5	1033.6	940.3	842.9	699.5	616.9	570.9	539.8	527.6	515.5	495.2
60°	991.7	913.2	837.5	756.3	625.0	550.6	506.0	481.6	469.5	461.3	447.8
62.5°	859.1	798.2	733.3	668.3	549.3	481.6	447.8	423.5	412.6	411.3	399.1
65°	731.9	688.6	635.9	572.3	478.9	419.4	386.9	372.1	359.9	359.9	350.4
67.5°	604.8	575.0	533.1	488.4	415.3	359.9	330.1	316.6	309.8	309.8	303.1
70°	503.3	483.0	445.1	405.9	342.3	300.3	277.3	265.2	261.1	262.5	257.1
72.5°	408.6	386.9	355.8	327.4	280.1	248.9	232.7	219.2	212.4	213.8	212.4
75°	316.6	305.8	278.7	257.1	219.2	197.5	182.6	175.9	170.5	171.8	169.1
77.5°	238.1	221.9	207.0	192.1	169.1	151.5	139.4	132.6	128.5	128.5	128.5
80°	162.4	159.6	147.5	139.4	120.4	106.9	97.4	96.1	92.0	92.0	92.0
82.5°	105.5	98.8	92.0	86.6	75.8	67.6	63.6	60.9	59.5	58.2	60.9
85°	58.2	54.1	51.4	46.0	41.9	37.9	33.8	32.5	31.1	32.5	31.1
87.5°	23.0	18.9	18.9	17.6	16.2	14.9	14.9	12.2	12.2	10.8	10.8
90°	5.7	4.6	4.2	3.9	3.2	2.1	1.4	0.7	1.4	2.1	3.2
92.5°	35.9	24.5	21.3	18.1	14.6	11.4	7.8	5.3	7.8	11.4	14.6
95°	76.4	46.2	39.3	32.4	23.1	17.1	13.2	12.1	13.2	17.1	23.1
97.5°	82.5	52.6	45.0	37.3	28.1	22.8	19.6	19.2	19.6	22.8	28.1
100°	81.4	56.5	49.6	42.7	34.1	29.2	26.7	26.3	26.7	29.2	34.1
102.5°	82.8	61.1	54.9	48.7	41.2	36.6	34.5	33.8	34.5	36.6	41.2
105°	85.7	66.5	61.0	55.5	48.7	44.4	42.3	41.2	42.3	44.4	48.7
107.5°	90.3	73.2	68.0	62.9	56.5	52.3	50.1	49.1	50.1	52.3	56.5
110°	96.3	80.3	75.4	70.4	64.3	60.4	58.7	57.6	58.7	60.4	64.3

TEST NUMBER: P1011120

CATALOG NUMBER: S123DIP-B1000D365UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	102.4	87.8	83.0	78.2	72.2	68.3	66.5	65.4	66.5	68.3	72.2
115°	109.1	95.6	90.8	86.0	80.0	76.4	74.3	72.9	74.3	76.4	80.0
117.5°	116.3	102.7	98.3	93.9	87.1	83.9	82.1	80.3	82.1	83.9	87.1
120°	123.0	110.2	105.8	101.3	94.6	91.0	89.2	88.2	89.2	91.0	94.6
122.5°	130.1	117.7	112.9	108.1	101.7	97.8	96.0	94.9	96.0	97.8	101.7
125°	136.9	124.4	119.6	114.8	108.1	104.2	102.0	101.3	102.0	104.2	108.1
127.5°	142.9	130.8	126.0	121.2	113.8	109.9	107.4	106.3	107.4	109.9	113.8
130°	148.2	136.5	131.7	126.9	119.4	115.2	112.0	110.9	112.0	115.2	119.4
132.5°	152.9	141.5	136.8	132.2	124.8	119.4	115.9	114.5	115.9	119.4	124.8
135°	157.5	146.5	141.7	136.9	129.4	124.1	120.2	118.7	120.2	124.1	129.4
137.5°	160.7	150.0	145.6	141.1	133.7	128.0	124.1	122.6	124.1	128.0	133.7
140°	163.9	153.6	149.1	144.7	137.6	131.9	128.3	126.6	128.3	131.9	137.6
142.5°	166.4	156.4	152.3	148.2	141.1	136.2	132.2	130.8	132.2	136.2	141.1
145°	168.5	159.3	155.2	151.1	145.0	139.7	136.5	135.4	136.5	139.7	145.0
147.5°	170.3	161.8	158.2	154.6	148.6	144.0	140.8	140.1	140.8	144.0	148.6
150°	172.1	163.9	160.7	157.5	152.5	147.9	145.0	144.7	145.0	147.9	152.5
152.5°	173.1	166.4	163.4	160.3	156.1	152.2	149.3	149.3	149.3	152.2	156.1
155°	174.6	168.5	166.0	163.5	159.6	156.1	153.9	153.9	153.9	156.1	159.6
157.5°	175.3	170.3	168.4	166.4	162.8	159.6	157.8	157.5	157.8	159.6	162.8
160°	176.3	172.1	170.3	168.5	166.0	163.2	161.8	161.8	161.8	163.2	166.0
162.5°	176.7	173.1	171.7	170.3	168.2	166.0	165.0	165.0	165.0	166.0	168.2
165°	177.0	174.2	173.0	171.7	170.3	168.5	167.8	168.2	167.8	168.5	170.3
167.5°	177.0	174.9	174.0	173.1	172.1	170.6	170.3	170.6	170.3	170.6	172.1
170°	176.7	174.9	174.6	174.2	173.5	172.4	172.1	172.8	172.1	172.4	173.5
172.5°	176.7	175.3	175.1	174.9	174.6	173.8	173.8	174.2	173.8	173.8	174.6
175°	176.3	175.6	175.4	175.3	175.3	174.6	174.9	175.3	174.9	174.6	175.3
177.5°	176.0	175.6	175.6	175.6	175.6	175.3	175.6	176.0	175.6	175.3	175.6
180°	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6

TEST NUMBER: P1011120

CATALOG NUMBER: S123DIP-B1000D365UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2
2.5°	1374.6	1373.2	1375.9	1367.8	1354.3	1347.5	1328.6	1324.5	1323.2	1324.5	1325.9
5°	1336.7	1335.3	1331.3	1317.7	1301.5	1289.3	1266.3	1265.0	1256.9	1248.7	1252.8
7.5°	1300.2	1294.7	1286.6	1269.0	1247.4	1233.9	1214.9	1201.4	1190.6	1183.8	1178.4
10°	1263.6	1255.5	1247.4	1224.4	1197.3	1177.0	1154.0	1143.2	1131.0	1125.6	1120.2
12.5°	1216.3	1208.2	1193.3	1166.2	1150.0	1124.3	1101.3	1090.5	1083.7	1072.9	1066.1
15°	1178.4	1162.2	1154.0	1125.6	1091.8	1089.1	1047.2	1044.5	1030.9	1030.9	1020.1
17.5°	1135.1	1122.9	1108.0	1079.6	1055.3	1030.9	1009.3	1001.2	989.0	986.3	980.9
20°	1093.2	1076.9	1071.5	1043.1	1017.4	987.6	964.6	956.5	951.1	945.7	949.8
22.5°	1049.9	1036.3	1022.8	997.1	978.2	948.4	934.9	926.8	918.6	915.9	917.3
25°	1007.9	995.7	982.2	956.5	936.2	911.9	899.7	895.6	891.6	891.6	890.2
27.5°	967.3	955.2	943.0	920.0	899.7	882.1	872.6	868.6	864.5	867.2	869.9
30°	925.4	914.6	903.8	883.5	867.2	851.0	845.6	842.9	841.5	848.3	848.3
32.5°	887.5	878.0	869.9	851.0	834.8	821.2	817.2	818.5	819.9	823.9	826.6
35°	848.3	841.5	833.4	817.2	803.6	791.5	792.8	792.8	795.5	802.3	807.7
37.5°	813.1	803.6	796.9	783.3	772.5	761.7	765.8	769.8	772.5	780.6	783.3
40°	771.2	767.1	761.7	748.2	738.7	737.3	738.7	741.4	746.8	750.9	754.9
42.5°	737.3	731.9	725.2	714.3	706.2	707.6	708.9	711.6	714.3	721.1	725.2
45°	699.5	695.4	690.0	680.5	673.8	675.1	676.5	676.5	679.2	687.3	690.0
47.5°	657.5	658.9	652.1	642.6	638.6	638.6	638.6	641.3	648.0	650.8	652.1
50°	616.9	614.2	612.9	603.4	600.7	599.3	600.7	602.0	611.5	610.2	614.2
52.5°	573.6	573.6	572.3	566.9	562.8	562.8	560.1	566.9	569.6	572.3	576.3
55°	531.7	527.6	526.3	523.6	518.2	516.8	519.5	527.6	530.3	533.1	537.1
57.5°	485.7	485.7	483.0	478.9	478.9	478.9	478.9	484.3	488.4	491.1	499.2
60°	443.8	438.3	434.3	434.3	434.3	432.9	441.1	441.1	449.2	450.5	453.2
62.5°	393.7	391.0	388.3	389.6	388.3	391.0	393.7	399.1	400.5	404.5	408.6
65°	346.3	346.3	343.6	351.8	346.3	346.3	353.1	353.1	355.8	359.9	365.3
67.5°	300.3	301.7	299.0	299.0	301.7	303.1	304.4	309.8	311.2	316.6	323.3
70°	253.0	255.7	257.1	254.3	257.1	259.8	262.5	263.8	269.2	271.9	276.0
72.5°	211.1	213.8	209.7	211.1	212.4	215.1	216.5	219.2	221.9	230.0	232.7
75°	169.1	167.8	166.4	171.8	169.1	174.5	175.9	175.9	178.6	185.4	188.1
77.5°	129.9	129.9	131.2	128.5	132.6	131.2	132.6	136.6	140.7	140.7	151.5
80°	90.6	93.4	93.4	93.4	94.7	96.1	93.4	100.1	101.5	101.5	105.5
82.5°	58.2	59.5	58.2	60.9	60.9	63.6	62.2	63.6	66.3	69.0	70.4
85°	31.1	31.1	33.8	33.8	32.5	33.8	32.5	33.8	36.5	36.5	37.9
87.5°	10.8	10.8	10.8	10.8	12.2	10.8	12.2	12.2	10.8	10.8	14.9
90°	3.9	4.2	4.6	5.7	6.8	7.8	8.9	8.5	8.9	9.2	9.6
92.5°	18.1	21.3	24.5	35.9	54.7	73.2	66.1	49.4	35.2	27.4	23.8
95°	32.4	39.3	46.2	76.4	129.4	187.7	210.8	171.0	128.0	86.7	67.9
97.5°	37.3	45.0	52.6	82.5	144.0	242.1	324.2	335.2	294.0	221.8	174.9
100°	42.7	49.6	56.5	81.4	134.0	227.5	336.7	406.7	419.1	390.3	348.8
102.5°	48.7	54.9	61.1	82.8	125.5	206.2	313.6	410.3	460.7	466.8	446.9
105°	55.5	61.0	66.5	85.7	122.3	189.5	285.8	387.9	462.2	497.7	504.5
107.5°	62.9	68.0	73.2	90.3	121.6	177.4	261.3	355.9	440.8	496.6	524.4
110°	70.4	75.4	80.3	96.3	123.4	171.0	241.0	326.0	407.4	472.8	517.6

TEST NUMBER: P1011120

CATALOG NUMBER: S123DIP-B1000D365UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	78.2	83.0	87.8	102.4	126.9	167.4	227.5	300.0	374.3	441.5	493.1
115°	86.0	90.8	95.6	109.1	130.8	167.1	218.6	280.1	345.9	407.8	460.0
117.5°	93.9	98.3	102.7	116.3	135.8	167.4	212.6	267.0	323.9	378.6	426.6
120°	101.3	105.8	110.2	123.0	141.5	168.9	208.7	257.0	307.2	355.1	397.8
122.5°	108.1	112.9	117.7	130.1	146.8	171.4	206.2	248.9	294.0	336.3	375.1
125°	114.8	119.6	124.4	136.9	152.5	173.8	204.1	242.1	282.6	321.4	355.5
127.5°	121.2	126.0	130.8	142.9	157.1	176.7	203.0	235.7	272.3	307.5	338.8
130°	126.9	131.7	136.5	148.2	161.8	179.5	201.9	230.7	262.7	294.7	323.5
132.5°	132.2	136.8	141.5	152.9	166.0	181.7	201.6	226.1	253.8	282.6	308.9
135°	136.9	141.7	146.5	157.5	169.6	183.8	201.2	222.2	246.0	271.3	294.4
137.5°	141.1	145.6	150.0	160.7	172.4	185.2	200.5	218.6	238.5	259.9	280.5
140°	144.7	149.1	153.6	163.9	174.6	186.6	200.1	215.4	232.1	250.3	267.3
142.5°	148.2	152.3	156.4	166.4	176.7	187.7	199.4	212.6	226.1	241.0	255.3
145°	151.1	155.2	159.3	168.5	178.1	188.1	198.7	210.1	221.5	233.2	244.6
147.5°	154.6	158.2	161.8	170.3	179.2	188.1	197.7	207.6	217.6	227.2	236.8
150°	157.5	160.7	163.9	172.1	179.5	188.1	196.2	205.1	213.3	221.5	228.9
152.5°	160.3	163.4	166.4	173.1	180.2	187.0	194.5	202.3	209.4	216.1	222.5
155°	163.5	166.0	168.5	174.6	180.2	186.3	192.3	199.4	205.5	211.2	216.5
157.5°	166.4	168.4	170.3	175.3	180.6	185.2	190.6	196.2	201.2	206.2	210.5
160°	168.5	170.3	172.1	176.3	180.6	184.5	188.4	193.0	197.7	201.6	205.1
162.5°	170.3	171.7	173.1	176.7	180.2	183.1	186.3	189.8	193.4	196.6	199.8
165°	171.7	173.0	174.2	177.0	179.5	181.7	184.2	187.0	189.8	192.0	194.5
167.5°	173.1	174.0	174.9	177.0	179.2	180.2	182.0	184.2	186.6	188.4	189.8
170°	174.2	174.6	174.9	176.7	178.1	178.8	179.9	181.7	183.4	184.5	185.9
172.5°	174.9	175.1	175.3	176.7	177.8	177.8	178.1	179.2	180.6	181.3	182.4
175°	175.3	175.4	175.6	176.3	177.0	176.7	176.7	177.4	178.1	178.5	179.2
177.5°	175.6	175.6	175.6	176.0	176.7	176.0	175.6	176.0	176.3	176.7	177.0
180°	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6

TEST NUMBER: P1011120

CATALOG NUMBER: S123DIP-B1000D365UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2
2.5°	1324.5	1325.9	1320.5	1316.4	1327.2	1320.5	1320.5	1321.8	1319.1	1323.2	1321.8
5°	1250.1	1251.5	1242.0	1244.7	1239.3	1237.9	1236.6	1244.7	1243.3	1242.0	1244.7
7.5°	1177.0	1177.0	1173.0	1170.3	1170.3	1166.2	1171.6	1170.3	1173.0	1173.0	1177.0
10°	1116.2	1118.9	1112.1	1105.3	1104.0	1105.3	1105.3	1106.7	1108.0	1117.5	1116.2
12.5°	1066.1	1062.0	1060.7	1056.6	1049.9	1047.2	1044.5	1059.3	1055.3	1055.3	1055.3
15°	1010.6	1020.1	1018.7	1006.6	1003.9	1009.3	1006.6	1006.6	1020.1	1018.7	1017.4
17.5°	980.9	978.2	975.5	968.7	970.0	968.7	970.0	970.0	978.2	978.2	978.2
20°	947.0	941.6	941.6	938.9	938.9	934.9	940.3	941.6	947.0	947.0	948.4
22.5°	917.3	913.2	913.2	911.9	914.6	909.2	914.6	915.9	915.9	920.0	920.0
25°	891.6	888.9	888.9	891.6	891.6	891.6	891.6	897.0	892.9	894.3	892.9
27.5°	868.6	869.9	871.3	872.6	871.3	872.6	874.0	876.7	878.0	876.7	874.0
30°	846.9	851.0	852.3	852.3	855.0	856.4	857.8	857.8	859.1	855.0	857.8
32.5°	830.7	830.7	833.4	834.8	837.5	838.8	838.8	841.5	840.2	836.1	837.5
35°	807.7	807.7	813.1	815.8	819.9	818.5	819.9	819.9	821.2	818.5	814.5
37.5°	784.7	787.4	787.4	792.8	794.2	795.5	794.2	796.9	795.5	792.8	791.5
40°	757.6	756.3	757.6	761.7	763.0	763.0	763.0	765.8	765.8	765.8	764.4
42.5°	723.8	727.9	726.5	730.6	729.2	729.2	731.9	734.6	736.0	731.9	733.3
45°	691.3	691.3	694.0	694.0	695.4	695.4	700.8	698.1	700.8	698.1	699.5
47.5°	656.2	657.5	657.5	658.9	661.6	664.3	661.6	662.9	662.9	664.3	661.6
50°	616.9	616.9	619.6	623.7	629.1	626.4	625.0	630.5	626.4	626.4	623.7
52.5°	576.3	580.4	581.8	585.8	589.9	591.2	592.6	589.9	591.2	587.2	588.5
55°	537.1	538.5	543.9	547.9	552.0	552.0	550.6	552.0	553.3	547.9	547.9
57.5°	497.9	501.9	507.3	507.3	512.8	512.8	511.4	511.4	512.8	508.7	507.3
60°	455.9	460.0	466.8	466.8	474.9	476.2	473.5	470.8	470.8	466.8	468.1
62.5°	411.3	415.3	419.4	426.2	431.6	428.9	434.3	428.9	430.2	422.1	422.1
65°	372.1	373.4	380.2	386.9	386.9	389.6	386.9	388.3	384.2	384.2	378.8
67.5°	326.1	326.1	332.8	339.6	346.3	346.3	346.3	342.3	342.3	338.2	338.2
70°	285.5	284.1	290.9	294.9	299.0	300.3	297.6	296.3	293.6	289.5	288.2
72.5°	235.4	238.1	244.9	247.6	254.3	253.0	259.8	251.6	251.6	244.9	243.5
75°	190.8	193.5	200.2	204.3	208.3	208.3	212.4	208.3	202.9	200.2	198.9
77.5°	151.5	150.2	155.6	162.4	163.7	162.4	165.1	163.7	158.3	158.3	155.6
80°	108.2	112.3	117.7	116.4	121.8	120.4	120.4	117.7	117.7	113.6	116.4
82.5°	71.7	75.8	77.1	75.8	77.1	79.8	81.2	79.8	79.8	77.1	78.5
85°	37.9	37.9	40.6	41.9	40.6	40.6	41.9	46.0	43.3	40.6	43.3
87.5°	12.2	10.8	10.8	12.2	10.8	10.8	12.2	12.2	13.5	13.5	13.5
90°	10.0	10.3	10.0	10.3	10.7	10.3	10.7	10.3	10.0	10.3	10.0
92.5°	22.6	21.3	20.6	19.2	19.6	18.8	19.6	19.2	20.6	21.3	22.6
95°	61.5	55.1	48.3	45.1	42.7	41.2	42.7	45.1	48.3	55.1	61.5
97.5°	154.6	134.4	110.6	97.1	88.5	84.6	88.5	97.1	110.6	134.4	154.6
100°	323.6	298.3	262.4	236.4	222.5	222.9	222.5	236.4	262.4	298.3	323.6
102.5°	433.2	419.5	393.5	374.3	363.3	353.0	363.3	374.3	393.5	419.5	433.2
105°	499.8	495.2	478.9	465.4	454.0	452.2	454.0	465.4	478.9	495.2	499.8
107.5°	529.2	534.0	531.8	525.4	520.8	516.9	520.8	525.4	531.8	534.0	529.2
110°	530.0	542.5	552.5	555.3	554.6	553.9	554.6	555.3	552.5	542.5	530.0

TEST NUMBER: P1011120

CATALOG NUMBER: S123DIP-B1000D365UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	510.0	526.9	547.1	557.4	561.0	561.3	561.0	557.4	547.1	526.9	510.0
115°	479.4	498.8	525.4	541.1	548.2	550.0	548.2	541.1	525.4	498.8	479.4
117.5°	446.7	466.8	494.5	511.9	522.6	525.1	522.6	511.9	494.5	466.8	446.7
120°	415.8	433.7	461.8	481.7	490.2	492.4	490.2	481.7	461.8	433.7	415.8
122.5°	391.5	407.8	431.9	449.4	459.0	461.8	459.0	449.4	431.9	407.8	391.5
125°	369.7	383.9	406.7	422.3	431.2	433.7	431.2	422.3	406.7	383.9	369.7
127.5°	352.0	365.1	385.7	399.2	407.4	409.5	407.4	399.2	385.7	365.1	352.0
130°	335.6	347.7	366.5	379.3	386.8	389.6	386.8	379.3	366.5	347.7	335.6
132.5°	320.3	331.7	349.1	361.9	368.3	370.1	368.3	361.9	349.1	331.7	320.3
135°	304.5	314.6	332.0	342.7	349.1	351.6	349.1	342.7	332.0	314.6	304.5
137.5°	289.6	298.6	313.6	324.6	329.9	332.0	329.9	324.6	313.6	298.6	289.6
140°	275.0	282.6	296.1	306.1	311.8	311.4	311.8	306.1	296.1	282.6	275.0
142.5°	261.7	268.1	279.1	287.6	292.6	292.2	292.6	287.6	279.1	268.1	261.7
145°	249.8	254.9	263.8	271.3	274.1	274.8	274.1	271.3	263.8	254.9	249.8
147.5°	240.5	244.2	251.3	256.7	259.5	259.9	259.5	256.7	251.3	244.2	240.5
150°	232.3	235.7	241.0	244.9	247.1	247.1	247.1	244.9	241.0	235.7	232.3
152.5°	225.2	227.9	231.8	235.3	236.4	236.4	236.4	235.3	231.8	227.9	225.2
155°	218.6	220.8	224.0	226.8	227.5	227.9	227.5	226.8	224.0	220.8	218.6
157.5°	212.2	214.0	216.9	219.0	219.7	219.7	219.7	219.0	216.9	214.0	212.2
160°	206.4	207.6	210.1	212.2	212.2	211.9	212.2	212.2	210.1	207.6	206.4
162.5°	200.9	201.9	203.3	205.1	205.1	204.8	205.1	205.1	203.3	201.9	200.9
165°	195.4	196.2	197.7	199.1	198.7	198.7	198.7	199.1	197.7	196.2	195.4
167.5°	190.6	191.3	192.0	193.0	192.7	192.7	192.7	193.0	192.0	191.3	190.6
170°	186.2	186.6	187.0	187.7	187.4	187.4	187.4	187.7	187.0	186.6	186.2
172.5°	182.6	182.7	182.7	183.4	182.7	182.4	182.7	183.4	182.7	182.7	182.6
175°	179.2	179.2	179.2	179.5	179.2	178.8	179.2	179.5	179.2	179.2	179.2
177.5°	177.0	177.0	176.7	177.0	176.3	176.3	176.3	177.0	176.7	177.0	177.0
180°	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6

TEST NUMBER: P1011120

CATALOG NUMBER: S123DIP-B1000D365UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2	1396.2
2.5°	1325.9	1328.6	1329.9	1324.5	1320.5	1327.2	1336.7	1343.5	1348.9	1355.6	1359.7
5°	1247.4	1256.9	1256.9	1259.6	1263.6	1270.4	1288.0	1300.2	1311.0	1319.1	1325.9
7.5°	1181.1	1187.9	1191.9	1198.7	1205.5	1214.9	1235.2	1252.8	1269.0	1278.5	1289.3
10°	1121.6	1127.0	1133.7	1137.8	1150.0	1163.5	1189.2	1204.1	1223.0	1237.9	1251.5
12.5°	1064.7	1083.7	1087.7	1086.4	1097.2	1112.1	1137.8	1160.8	1181.1	1196.0	1210.9
15°	1024.2	1030.9	1039.0	1037.7	1060.7	1064.7	1086.4	1113.5	1140.5	1150.0	1163.5
17.5°	979.5	990.3	998.5	1002.5	1009.3	1024.2	1044.5	1064.7	1099.9	1101.3	1136.5
20°	944.3	955.2	960.6	966.0	970.0	987.6	1005.2	1028.2	1056.6	1071.5	1090.5
22.5°	921.3	926.8	930.8	934.9	940.3	949.8	971.4	997.1	1016.0	1032.3	1044.5
25°	894.3	899.7	905.1	907.8	911.9	917.3	933.5	953.8	980.9	991.7	1003.9
27.5°	875.3	875.3	878.0	878.0	883.5	888.9	901.0	920.0	941.6	955.2	971.4
30°	855.0	853.7	855.0	853.7	852.3	860.5	871.3	887.5	902.4	918.6	929.5
32.5°	834.8	833.4	833.4	834.8	829.3	833.4	838.8	853.7	869.9	878.0	890.2
35°	813.1	810.4	810.4	810.4	807.7	805.0	810.4	823.9	834.8	845.6	855.0
37.5°	791.5	787.4	787.4	784.7	782.0	777.9	777.9	788.8	803.6	807.7	819.9
40°	761.7	761.7	759.0	757.6	754.9	752.2	748.2	757.6	771.2	775.2	784.7
42.5°	731.9	727.9	726.5	726.5	726.5	722.5	719.8	726.5	734.6	741.4	746.8
45°	698.1	695.4	696.8	695.4	692.7	691.3	690.0	692.7	702.2	704.9	711.6
47.5°	661.6	660.2	660.2	658.9	657.5	658.9	653.5	660.2	662.9	665.6	671.0
50°	623.7	622.3	621.0	619.6	619.6	621.0	619.6	619.6	625.0	627.8	633.2
52.5°	585.8	581.8	581.8	580.4	580.4	577.7	580.4	581.8	584.5	587.2	589.9
55°	545.2	545.2	541.2	541.2	538.5	538.5	539.8	538.5	543.9	546.6	546.6
57.5°	506.0	500.6	501.9	499.2	496.5	495.2	495.2	497.9	500.6	500.6	503.3
60°	464.1	458.6	457.3	451.9	454.6	450.5	451.9	451.9	457.3	454.6	457.3
62.5°	422.1	415.3	411.3	408.6	408.6	409.9	407.2	405.9	408.6	411.3	416.7
65°	377.5	373.4	369.3	365.3	365.3	363.9	366.6	362.6	361.2	362.6	365.3
67.5°	331.5	327.4	323.3	319.3	320.6	316.6	313.9	317.9	315.2	316.6	319.3
70°	286.8	284.1	276.0	273.3	271.9	273.3	271.9	269.2	273.3	271.9	273.3
72.5°	242.2	239.5	235.4	228.6	228.6	227.3	225.9	225.9	224.6	224.6	224.6
75°	198.9	193.5	189.4	188.1	185.4	184.0	182.6	179.9	181.3	182.6	179.9
77.5°	154.2	147.5	146.1	146.1	142.1	142.1	143.4	142.1	140.7	140.7	140.7
80°	113.6	108.2	108.2	105.5	102.8	102.8	102.8	102.8	101.5	100.1	101.5
82.5°	73.1	71.7	70.4	70.4	73.1	67.6	70.4	69.0	67.6	67.6	66.3
85°	40.6	41.9	40.6	41.9	39.2	40.6	40.6	40.6	39.2	40.6	37.9
87.5°	14.9	14.9	14.9	16.2	16.2	16.2	16.2	16.2	17.6	16.2	16.2
90°	9.6	9.2	8.9	8.5	8.9	7.8	6.8	5.7	4.6	4.2	3.9
92.5°	23.8	27.4	35.2	49.4	66.1	73.2	54.7	35.9	24.5	21.3	18.1
95°	67.9	86.7	128.0	171.0	210.8	187.7	129.4	76.4	46.2	39.3	32.4
97.5°	174.9	221.8	294.0	335.2	324.2	242.1	144.0	82.5	52.6	45.0	37.3
100°	348.8	390.3	419.1	406.7	336.7	227.5	134.0	81.4	56.5	49.6	42.7
102.5°	446.9	466.8	460.7	410.3	313.6	206.2	125.5	82.8	61.1	54.9	48.7
105°	504.5	497.7	462.2	387.9	285.8	189.5	122.3	85.7	66.5	61.0	55.5
107.5°	524.4	496.6	440.8	355.9	261.3	177.4	121.6	90.3	73.2	68.0	62.9
110°	517.6	472.8	407.4	326.0	241.0	171.0	123.4	96.3	80.3	75.4	70.4

TEST NUMBER: P1011120

CATALOG NUMBER: S123DIP-B1000D365UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	493.1	441.5	374.3	300.0	227.5	167.4	126.9	102.4	87.8	83.0	78.2
115°	460.0	407.8	345.9	280.1	218.6	167.1	130.8	109.1	95.6	90.8	86.0
117.5°	426.6	378.6	323.9	267.0	212.6	167.4	135.8	116.3	102.7	98.3	93.9
120°	397.8	355.1	307.2	257.0	208.7	168.9	141.5	123.0	110.2	105.8	101.3
122.5°	375.1	336.3	294.0	248.9	206.2	171.4	146.8	130.1	117.7	112.9	108.1
125°	355.5	321.4	282.6	242.1	204.1	173.8	152.5	136.9	124.4	119.6	114.8
127.5°	338.8	307.5	272.3	235.7	203.0	176.7	157.1	142.9	130.8	126.0	121.2
130°	323.5	294.7	262.7	230.7	201.9	179.5	161.8	148.2	136.5	131.7	126.9
132.5°	308.9	282.6	253.8	226.1	201.6	181.7	166.0	152.9	141.5	136.8	132.2
135°	294.4	271.3	246.0	222.2	201.2	183.8	169.6	157.5	146.5	141.7	136.9
137.5°	280.5	259.9	238.5	218.6	200.5	185.2	172.4	160.7	150.0	145.6	141.1
140°	267.3	250.3	232.1	215.4	200.1	186.6	174.6	163.9	153.6	149.1	144.7
142.5°	255.3	241.0	226.1	212.6	199.4	187.7	176.7	166.4	156.4	152.3	148.2
145°	244.6	233.2	221.5	210.1	198.7	188.1	178.1	168.5	159.3	155.2	151.1
147.5°	236.8	227.2	217.6	207.6	197.7	188.1	179.2	170.3	161.8	158.2	154.6
150°	228.9	221.5	213.3	205.1	196.2	188.1	179.5	172.1	163.9	160.7	157.5
152.5°	222.5	216.1	209.4	202.3	194.5	187.0	180.2	173.1	166.4	163.4	160.3
155°	216.5	211.2	205.5	199.4	192.3	186.3	180.2	174.6	168.5	166.0	163.5
157.5°	210.5	206.2	201.2	196.2	190.6	185.2	180.6	175.3	170.3	168.4	166.4
160°	205.1	201.6	197.7	193.0	188.4	184.5	180.6	176.3	172.1	170.3	168.5
162.5°	199.8	196.6	193.4	189.8	186.3	183.1	180.2	176.7	173.1	171.7	170.3
165°	194.5	192.0	189.8	187.0	184.2	181.7	179.5	177.0	174.2	173.0	171.7
167.5°	189.8	188.4	186.6	184.2	182.0	180.2	179.2	177.0	174.9	174.0	173.1
170°	185.9	184.5	183.4	181.7	179.9	178.8	178.1	176.7	174.9	174.6	174.2
172.5°	182.4	181.3	180.6	179.2	178.1	177.8	177.8	176.7	175.3	175.1	174.9
175°	179.2	178.5	178.1	177.4	176.7	176.7	177.0	176.3	175.6	175.4	175.3
177.5°	177.0	176.7	176.3	176.0	175.6	176.0	176.7	176.0	175.6	175.6	175.6
180°	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6

TEST NUMBER: P1011120

CATALOG NUMBER: S123DIP-B1000D365UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1396.2	1396.2	1396.2	1396.2
2.5°	1366.5	1370.5	1384.0	1400.3
5°	1339.4	1350.2	1369.2	1394.9
7.5°	1309.6	1325.9	1352.9	1385.4
10°	1275.8	1298.8	1332.6	1373.2
12.5°	1239.3	1269.0	1312.3	1354.3
15°	1216.3	1246.0	1285.3	1331.3
17.5°	1171.6	1206.8	1247.4	1312.3
20°	1125.6	1164.9	1217.6	1282.6
22.5°	1090.5	1132.4	1182.5	1251.5
25°	1048.5	1091.8	1145.9	1217.6
27.5°	1003.9	1047.2	1108.0	1183.8
30°	970.0	1012.0	1070.2	1151.3
32.5°	929.5	970.0	1030.9	1116.2
35°	883.5	929.5	987.6	1074.2
37.5°	848.3	890.2	951.1	1033.6
40°	810.4	846.9	906.5	987.6
42.5°	769.8	810.4	861.8	943.0
45°	731.9	761.7	814.5	891.6
47.5°	691.3	725.2	765.8	825.3
50°	648.0	676.5	721.1	761.7
52.5°	606.1	629.1	667.0	698.1
55°	561.5	584.5	612.9	631.8
57.5°	519.5	535.8	554.7	566.9
60°	468.1	484.3	496.5	508.7
62.5°	422.1	434.3	441.1	447.8
65°	374.8	381.5	385.6	391.0
67.5°	323.3	330.1	331.5	339.6
70°	276.0	277.3	280.1	284.1
72.5°	231.3	234.1	232.7	235.4
75°	185.4	188.1	185.4	188.1
77.5°	140.7	143.4	143.4	147.5
80°	101.5	102.8	104.2	104.2
82.5°	66.3	70.4	67.6	69.0
85°	37.9	39.2	39.2	40.6
87.5°	17.6	18.9	17.6	20.3
90°	3.2	2.1	1.4	0.7
92.5°	14.6	11.4	7.8	5.3
95°	23.1	17.1	13.2	12.1
97.5°	28.1	22.8	19.6	19.2
100°	34.1	29.2	26.7	26.3
102.5°	41.2	36.6	34.5	33.8
105°	48.7	44.4	42.3	41.2
107.5°	56.5	52.3	50.1	49.1
110°	64.3	60.4	58.7	57.6

TEST NUMBER: P1011120

CATALOG NUMBER: S123DIP-B1000D365UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	72.2	68.3	66.5	65.4
115°	80.0	76.4	74.3	72.9
117.5°	87.1	83.9	82.1	80.3
120°	94.6	91.0	89.2	88.2
122.5°	101.7	97.8	96.0	94.9
125°	108.1	104.2	102.0	101.3
127.5°	113.8	109.9	107.4	106.3
130°	119.4	115.2	112.0	110.9
132.5°	124.8	119.4	115.9	114.5
135°	129.4	124.1	120.2	118.7
137.5°	133.7	128.0	124.1	122.6
140°	137.6	131.9	128.3	126.6
142.5°	141.1	136.2	132.2	130.8
145°	145.0	139.7	136.5	135.4
147.5°	148.6	144.0	140.8	140.1
150°	152.5	147.9	145.0	144.7
152.5°	156.1	152.2	149.3	149.3
155°	159.6	156.1	153.9	153.9
157.5°	162.8	159.6	157.8	157.5
160°	166.0	163.2	161.8	161.8
162.5°	168.2	166.0	165.0	165.0
165°	170.3	168.5	167.8	168.2
167.5°	172.1	170.6	170.3	170.6
170°	173.5	172.4	172.1	172.8
172.5°	174.6	173.8	173.8	174.2
175°	175.3	174.6	174.9	175.3
177.5°	175.6	175.3	175.6	176.0
180°	175.6	175.6	175.6	175.6

(END OF REPORT)