

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: P1009584

Luminaire Tested: S122DIP-B865D725UB35-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1009584
REPORT IS A COMBINATION OF REPORTS P984933 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIP-B865D725UB35-4F0-XX-W2A-A4
Description: Define 2 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

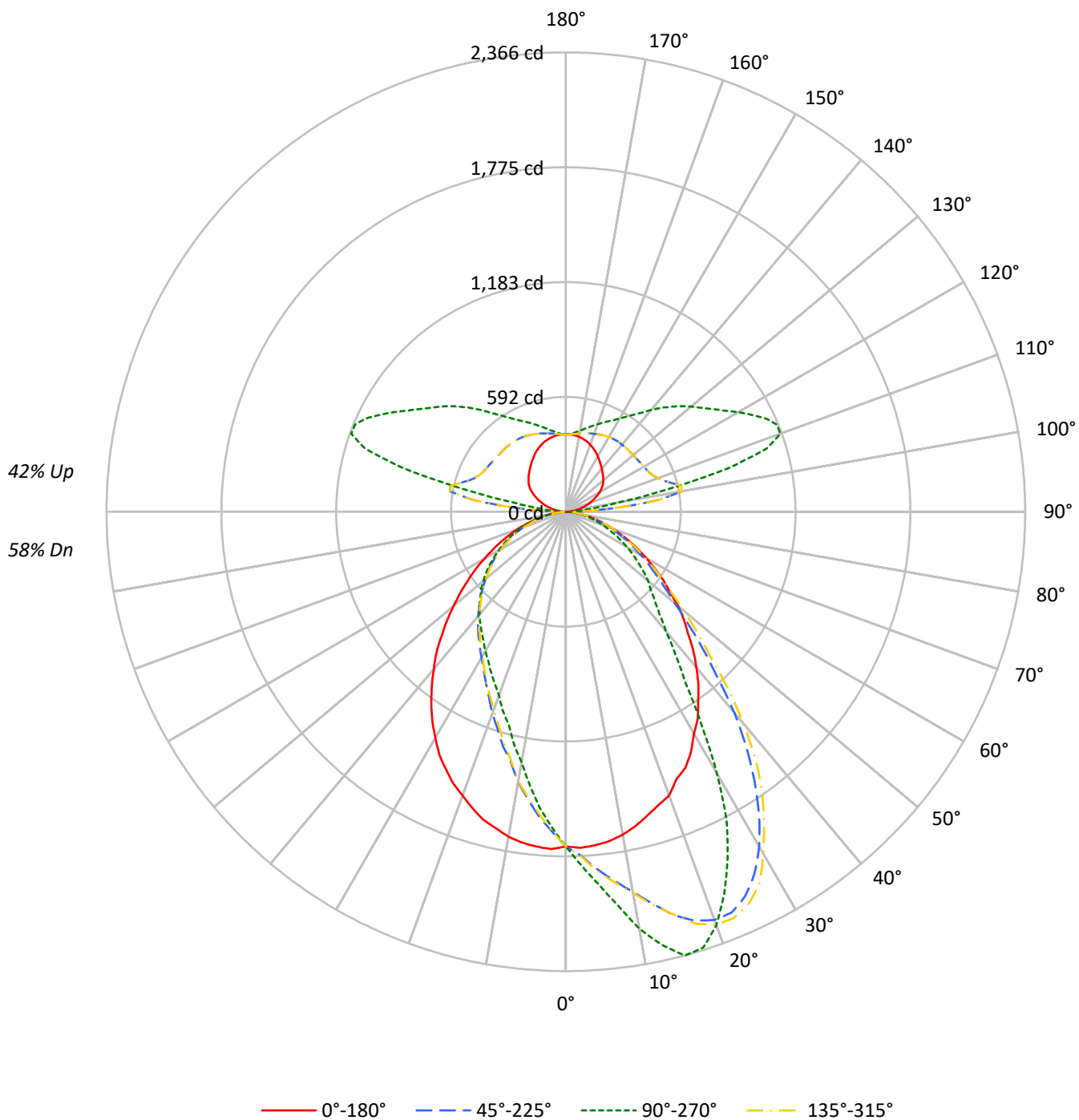
Lumens per Lamp: N/A
Luminaire Lumens: 6581.0 lumens
Efficiency: N/A
Efficacy: 96.9 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 67.9
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	109	109	109	109	102	102	102	102	88	88	88	75	75	75	63	63	63
1	100	96	92	89	93	90	86	83	78	75	73	67	65	64	57	56	55
2	92	84	78	73	85	79	74	69	69	65	62	59	57	54	51	49	47
3	84	75	68	62	78	70	64	59	61	56	52	53	49	46	45	43	40
4	77	67	59	53	72	62	56	50	55	49	45	48	44	40	41	38	35
5	71	60	52	46	66	56	49	44	49	44	39	43	39	35	37	34	31
6	66	54	46	40	61	51	43	38	45	39	35	39	35	31	34	30	28
7	61	49	41	35	57	46	39	34	41	35	31	36	31	28	31	28	25
8	57	44	37	32	53	42	35	30	37	32	28	33	28	25	29	25	23
9	53	41	33	28	49	39	32	27	34	29	25	30	26	23	27	23	20
10	49	38	30	26	46	36	29	25	32	26	23	28	24	21	25	21	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	27277	27277	27277	27277
5°	27344	29085	27448	23140
10°	27026	31750	27195	19078
15°	26370	33490	26736	16069
20°	25958	31444	25958	13968
25°	25132	27013	25246	12490
30°	23771	21235	24223	11314
35°	22564	14684	22942	10351
40°	21178	11087	21419	9583
45°	19468	9111	19787	8756
50°	17990	7996	18024	8016
55°	16305	6814	16411	7211
60°	14511	5691	14711	6293
65°	12901	4629	13139	5374
70°	11299	3632	11589	4334
75°	9482	2638	9857	3143
80°	7401	1671	7928	1865
85°	4859	842	5241	623

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 28197 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	164.1	2.5
10°-20°	477.7	7.3
20°-30°	693.3	10.5
30°-40°	730.9	11.1
40°-50°	646.8	9.8
50°-60°	516.4	7.8
60°-70°	350.8	5.3
70°-80°	179.5	2.7
80°-90°	45.0	0.7
90°-100°	155.4	2.4
100°-110°	547.3	8.3
110°-120°	574.8	8.7
120°-130°	472.9	7.2
130°-140°	379.9	5.8
140°-150°	287.0	4.4
150°-160°	201.7	3.1
160°-170°	118.8	1.8
170°-180°	38.6	0.6
0°-30°	1335.2	20.3
0°-40°	2066.1	31.4
0°-60°	3229.3	49.1
0°-90°	3804.6	57.8
90°-120°	1277.5	19.4
90°-150°	2417.3	36.7
90°-180°	2776.0	42.2
0°-180°	6581.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1723	1723	1723	1723	1723	
5°	1725	1925	1731	1531	1725	163
15°	1620	2366	1642	1135	1620	458
25°	1456	1971	1462	911	1456	665
35°	1188	1073	1208	756	1188	743
45°	891	646	906	621	891	692
55°	612	454	616	481	612	546
65°	363	280	370	324	363	361
75°	170	138	176	164	170	182
85°	34	36	37	26	34	40
90°	1	25	1	25	1	4
95°	27	87	27	87	27	28
105°	94	864	94	864	94	99
115°	165	1137	165	1137	165	163
125°	230	922	230	922	230	204
135°	270	764	270	764	270	208
145°	308	610	308	610	308	193
155°	350	513	350	513	350	161
165°	382	450	382	450	382	108
175°	398	406	398	406	398	38
180°	399	399	399	399	399	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2
2.5°	1732.5	1736.5	1743.1	1744.4	1757.7	1768.3	1780.2	1780.2	1784.2	1782.8	1772.3
5°	1724.6	1736.5	1753.7	1768.3	1792.1	1802.7	1818.6	1830.5	1841.1	1849.1	1847.8
7.5°	1711.3	1732.5	1757.7	1785.5	1817.3	1835.8	1858.3	1879.5	1894.1	1907.4	1916.6
10°	1688.8	1724.6	1759.0	1796.1	1837.2	1862.3	1888.8	1916.6	1939.1	1964.3	1988.2
12.5°	1658.3	1710.0	1752.4	1801.4	1851.7	1879.5	1921.9	1943.1	1986.8	2050.4	2067.6
15°	1619.9	1690.1	1729.9	1792.1	1858.3	1880.9	1939.1	1973.6	2063.7	2103.4	2151.1
17.5°	1584.2	1662.3	1715.3	1786.8	1851.7	1895.4	1952.4	2022.6	2098.1	2155.0	2208.0
20°	1555.0	1630.5	1694.1	1773.6	1855.7	1911.3	1970.9	2055.7	2137.8	2196.1	2237.2
22.5°	1488.8	1585.5	1659.7	1748.4	1847.8	1924.6	1981.5	2074.3	2163.0	2198.8	2234.5
25°	1455.7	1539.1	1625.2	1725.9	1842.5	1933.8	1982.9	2086.2	2164.3	2177.6	2185.5
27.5°	1394.8	1488.8	1589.5	1704.7	1841.1	1918.0	1980.2	2074.3	2136.5	2127.2	2103.4
30°	1319.3	1434.5	1545.8	1670.3	1822.6	1906.0	1964.3	2050.4	2082.2	2034.5	1992.1
32.5°	1263.6	1372.2	1495.4	1639.8	1801.4	1880.9	1937.8	2005.4	2012.0	1925.9	1854.4
35°	1188.1	1308.7	1447.7	1600.1	1765.6	1837.2	1890.1	1931.2	1899.4	1778.9	1694.1
37.5°	1120.6	1239.8	1388.1	1543.1	1716.6	1786.8	1829.2	1835.8	1757.7	1651.7	1527.2
40°	1046.4	1169.6	1324.6	1487.5	1662.3	1723.2	1749.7	1729.9	1617.3	1494.1	1349.7
42.5°	972.2	1094.1	1261.0	1427.9	1593.4	1645.1	1655.7	1601.4	1463.6	1319.3	1152.4
45°	891.4	1018.6	1185.5	1353.7	1514.0	1543.1	1544.4	1466.3	1303.4	1152.4	997.4
47.5°	825.2	943.1	1108.7	1276.9	1412.0	1431.8	1423.9	1333.8	1156.3	986.8	851.7
50°	752.3	864.9	1029.2	1194.7	1310.0	1315.3	1295.4	1166.9	993.4	838.4	731.2
52.5°	674.2	788.1	939.1	1098.1	1201.4	1193.4	1155.0	1017.3	854.3	725.9	643.7
55°	611.9	712.6	854.3	1009.3	1082.2	1059.6	1017.3	876.9	748.4	639.8	568.2
57.5°	543.1	631.8	770.9	906.0	948.4	927.2	884.8	753.7	634.5	552.3	504.7
60°	478.2	559.0	680.8	793.4	826.5	804.0	755.0	637.1	551.0	482.1	446.4
62.5°	418.6	488.8	590.8	694.1	707.3	684.8	642.4	547.0	472.9	418.6	392.1
65°	362.9	429.2	511.3	589.4	601.3	577.5	533.8	464.9	402.7	368.2	343.1
67.5°	308.6	361.6	434.5	491.4	498.0	475.5	439.8	384.1	345.7	308.6	290.1
70°	260.9	300.7	357.6	404.0	406.6	385.4	366.9	316.6	287.4	260.9	246.4
72.5°	214.6	242.4	286.1	320.5	321.9	308.6	291.4	259.6	234.4	215.9	201.3
75°	169.5	193.4	219.9	250.3	249.0	238.4	225.2	205.3	184.1	172.2	165.6
77.5°	129.8	144.4	165.6	185.4	185.4	180.1	172.2	157.6	144.4	132.5	125.8
80°	92.7	102.0	119.2	125.8	128.5	127.2	120.5	109.9	104.6	95.4	92.7
82.5°	59.6	66.2	74.2	80.8	84.8	82.1	80.8	75.5	67.6	64.9	62.3
85°	34.4	37.1	41.1	45.0	46.4	45.0	47.7	43.7	39.7	39.7	38.4
87.5°	14.6	15.9	18.5	18.5	19.9	19.9	18.5	19.9	19.9	18.5	17.2
90°	0.8	3.1	6.1	7.7	9.2	10.4	11.5	15.3	20.7	25.3	26.1
92.5°	11.5	16.1	22.2	26.1	32.2	36.4	40.6	61.3	90.5	116.5	118.1
95°	26.8	29.9	37.6	44.5	56.7	65.9	75.1	110.4	177.1	266.0	300.5
97.5°	39.9	44.5	52.9	62.9	76.7	87.1	97.4	142.6	235.4	378.7	489.9
100°	59.0	61.3	68.2	80.5	95.8	106.6	117.3	157.9	251.5	417.1	605.7
102.5°	76.7	78.2	85.1	97.4	113.5	124.2	134.9	171.7	252.2	402.5	609.5
105°	93.5	96.6	102.0	113.5	130.3	141.0	151.8	187.8	256.1	382.6	568.1
107.5°	111.9	114.2	119.6	130.3	147.2	158.0	168.7	203.9	264.5	371.8	529.8
110°	130.3	133.4	138.0	148.0	164.1	175.2	186.3	220.0	275.2	368.8	503.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	147.2	150.3	155.6	164.8	180.2	191.7	203.2	235.4	286.7	369.5	486.9
115°	164.8	168.7	173.3	182.5	197.8	208.2	218.5	251.5	298.2	372.6	475.4
117.5°	183.2	186.3	190.9	199.3	213.9	224.6	235.4	266.0	310.5	377.2	469.2
120°	200.1	203.2	207.8	214.7	230.0	240.8	251.5	281.4	322.8	381.8	463.9
122.5°	216.2	218.5	223.1	230.8	246.1	257.2	268.3	295.9	333.5	387.2	460.8
125°	230.0	232.3	236.9	246.1	261.4	272.2	282.9	310.5	345.0	392.5	457.0
127.5°	241.5	244.6	250.7	260.7	275.2	286.4	297.5	324.3	355.7	397.9	454.7
130°	251.5	254.5	262.2	272.9	288.3	299.0	309.7	336.6	365.7	404.0	453.1
132.5°	260.7	264.5	272.9	284.4	300.5	311.2	322.0	347.3	375.7	410.2	452.4
135°	269.9	272.9	282.1	293.6	311.3	322.0	332.7	357.3	384.1	414.8	451.6
137.5°	278.3	282.1	291.3	303.6	321.2	331.2	341.2	365.7	391.0	419.4	451.6
140°	288.3	291.3	300.5	312.8	329.7	339.6	349.6	372.6	396.4	422.5	450.8
142.5°	298.2	300.5	309.0	321.2	337.3	346.5	355.7	378.0	401.0	424.8	450.8
145°	308.2	311.3	318.9	330.4	345.8	354.2	362.6	383.3	404.8	426.3	449.3
147.5°	318.9	321.2	328.9	339.6	352.7	360.4	368.0	387.9	407.1	427.1	447.0
150°	329.7	332.0	338.1	348.1	359.6	366.5	373.4	391.0	408.6	426.3	444.7
152.5°	340.4	341.2	347.3	355.7	366.5	372.6	378.7	394.1	409.4	424.8	440.9
155°	350.4	351.1	355.7	364.2	372.6	378.4	384.1	397.1	410.2	423.2	436.3
157.5°	358.8	359.6	363.4	371.1	378.0	383.0	387.9	399.4	410.2	420.2	431.7
160°	367.2	368.0	371.1	377.2	383.3	387.6	391.8	401.0	410.2	417.9	427.1
162.5°	375.7	374.9	378.0	382.6	387.9	391.0	394.1	401.7	409.4	415.6	423.2
165°	381.8	381.0	382.6	387.2	391.0	393.3	395.6	402.5	407.9	412.5	417.9
167.5°	387.2	386.4	387.9	391.0	394.1	395.6	397.1	402.5	407.1	409.4	413.3
170°	392.5	391.0	391.8	394.1	395.6	396.8	397.9	401.7	405.6	407.1	409.4
172.5°	395.6	394.8	394.1	396.4	397.1	397.9	398.7	401.0	403.3	404.0	404.8
175°	397.9	397.1	396.4	397.9	397.9	398.3	398.7	400.2	401.7	401.0	401.7
177.5°	399.4	397.9	397.1	398.7	398.7	398.7	398.7	399.4	401.0	399.4	398.7
180°	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2
2.5°	1790.8	1792.1	1794.8	1808.0	1814.6	1816.0	1810.7	1822.6	1826.6	1822.6	1819.9
5°	1875.6	1883.5	1899.4	1916.6	1915.3	1916.6	1924.6	1932.5	1935.2	1924.6	1928.5
7.5°	1949.7	1965.6	1982.9	2009.3	2009.3	2022.6	2027.9	2034.5	2050.4	2042.5	2039.8
10°	2034.5	2055.7	2087.5	2129.9	2131.2	2144.5	2157.7	2178.9	2185.5	2180.2	2182.9
12.5°	2140.5	2181.5	2184.2	2230.5	2251.7	2254.4	2275.6	2271.6	2284.9	2284.9	2307.4
15°	2186.8	2250.4	2286.2	2331.2	2344.5	2328.6	2345.8	2364.3	2365.7	2365.7	2364.3
17.5°	2270.3	2295.5	2331.2	2355.1	2360.4	2360.4	2361.7	2369.6	2364.3	2353.7	2361.7
20°	2287.5	2298.1	2311.3	2308.7	2311.3	2298.1	2284.9	2271.6	2272.9	2266.3	2286.2
22.5°	2255.7	2253.1	2222.6	2202.7	2202.7	2176.2	2151.1	2139.2	2127.2	2131.2	2137.8
25°	2176.2	2135.2	2098.1	2069.0	2062.3	2019.9	1985.5	1974.9	1955.0	1970.9	1973.6
27.5°	2049.1	2002.7	1943.1	1918.0	1883.5	1866.3	1842.5	1810.7	1769.6	1793.4	1789.5
30°	1912.7	1843.8	1794.8	1733.8	1679.5	1675.6	1630.5	1577.5	1556.3	1556.3	1568.3
32.5°	1760.3	1668.9	1597.4	1511.3	1458.3	1435.8	1381.5	1328.5	1340.4	1300.7	1315.3
35°	1582.8	1462.3	1372.2	1288.8	1249.1	1222.6	1152.4	1123.2	1091.4	1072.9	1107.3
37.5°	1413.3	1274.2	1159.0	1067.6	1053.0	1005.3	957.7	939.1	920.6	928.5	927.2
40°	1206.7	1083.5	980.2	908.6	883.5	861.0	829.2	806.7	794.7	801.4	802.7
42.5°	1019.9	916.6	839.8	789.4	768.2	752.3	736.5	717.9	713.9	713.9	719.2
45°	875.5	790.8	739.1	698.0	686.1	674.2	662.3	654.3	651.7	646.4	650.4
47.5°	760.3	692.7	661.0	630.5	617.2	614.6	604.0	600.0	594.7	593.4	594.7
50°	663.6	621.2	592.1	574.9	565.6	561.6	556.3	548.4	545.7	552.3	549.7
52.5°	596.0	556.3	540.4	523.2	517.9	512.6	504.7	506.0	504.7	502.0	502.0
55°	528.5	503.3	487.4	474.2	472.9	467.6	460.9	458.3	457.0	454.3	458.3
57.5°	474.2	454.3	439.8	427.8	422.5	422.5	415.9	410.6	410.6	409.3	410.6
60°	419.9	400.0	390.7	378.8	374.8	373.5	369.6	366.9	362.9	362.9	362.9
62.5°	369.6	353.7	343.1	332.5	333.8	327.2	321.9	319.2	319.2	320.5	320.5
65°	321.9	311.3	298.0	288.8	286.1	284.8	282.1	280.8	276.8	279.5	279.5
67.5°	278.2	263.6	255.6	251.7	247.7	246.4	243.7	241.1	239.7	238.4	241.1
70°	234.4	222.5	215.9	213.3	209.3	208.0	206.6	202.7	204.0	205.3	206.6
72.5°	194.7	184.1	182.8	174.8	174.8	174.8	169.5	172.2	170.9	168.2	170.9
75°	153.6	148.3	145.7	141.7	143.1	141.7	140.4	136.4	136.4	137.8	139.1
77.5°	121.9	116.6	115.2	111.3	108.6	111.3	108.6	107.3	107.3	108.6	108.6
80°	90.1	87.4	83.4	83.4	83.4	82.1	82.1	82.1	80.8	79.5	80.8
82.5°	59.6	59.6	58.3	57.0	58.3	55.6	57.0	57.0	57.0	57.0	57.0
85°	38.4	37.1	37.1	35.8	35.8	35.8	37.1	34.4	34.4	35.8	35.8
87.5°	17.2	17.2	17.2	18.5	17.2	17.2	17.2	18.5	17.2	17.2	17.2
90°	25.3	24.5	23.0	24.5	24.9	25.3	25.3	25.3	25.3	25.3	25.3
92.5°	98.9	77.4	65.9	57.5	54.4	51.4	50.6	47.5	48.3	46.8	48.3
95°	263.0	200.9	154.1	121.9	113.4	105.0	95.1	88.9	86.6	87.4	86.6
97.5°	493.8	410.9	328.1	250.7	227.7	204.7	174.8	159.5	151.0	146.4	151.0
100°	716.1	700.0	604.9	499.9	453.5	407.1	343.5	310.5	288.3	274.5	288.3
102.5°	798.9	889.4	886.3	816.5	766.7	716.9	646.3	584.2	555.1	535.2	555.1
105°	772.1	931.5	1018.2	1028.1	1015.4	1002.8	955.3	907.8	874.8	864.1	874.8
107.5°	715.3	886.3	1015.1	1090.2	1105.6	1120.9	1120.1	1113.2	1103.3	1085.6	1103.3
110°	662.4	824.2	961.4	1059.6	1091.0	1122.4	1155.4	1170.0	1176.9	1176.1	1176.9

TEST NUMBER: P1009584

CATALOG NUMBER: S122DIP-B865D725UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	625.6	767.5	897.8	1004.4	1041.6	1078.7	1127.8	1154.6	1169.2	1174.6	1169.2
115°	596.5	723.0	841.1	941.5	981.0	1020.5	1074.9	1110.2	1130.1	1137.0	1130.1
117.5°	576.6	686.2	792.0	885.5	923.1	960.7	1016.6	1054.2	1074.9	1080.3	1074.9
120°	561.2	660.1	755.2	836.5	871.4	906.2	959.9	995.9	1018.2	1025.8	1018.2
122.5°	548.2	639.4	724.5	800.4	831.1	861.8	908.5	943.8	963.0	969.1	963.0
125°	535.9	619.5	698.5	765.9	794.6	823.4	867.9	897.0	916.2	922.3	916.2
127.5°	524.4	599.6	672.4	736.8	763.6	790.5	829.6	857.2	874.0	878.6	874.0
130°	512.9	580.4	646.3	706.9	732.2	757.5	795.1	821.1	836.5	842.6	836.5
132.5°	503.7	562.0	621.8	676.2	699.6	723.0	759.8	785.9	799.7	805.0	799.7
135°	495.3	545.1	595.7	646.3	667.8	689.3	722.2	747.5	761.3	764.4	761.3
137.5°	489.2	531.3	575.0	616.4	635.6	654.8	686.2	708.4	720.7	725.3	720.7
140°	483.8	518.3	555.1	590.4	607.2	624.1	648.6	668.6	680.1	684.7	680.1
142.5°	478.4	507.6	537.5	566.6	580.0	593.4	616.4	634.1	644.0	644.0	644.0
145°	473.8	497.6	522.9	546.7	557.8	568.9	587.3	600.3	608.0	610.3	608.0
147.5°	469.2	489.9	510.6	529.8	538.2	546.7	562.8	573.5	578.9	580.4	578.9
150°	463.1	481.5	498.4	514.5	521.4	528.3	539.8	549.0	553.6	554.3	553.6
152.5°	457.7	473.1	488.4	501.4	507.2	512.9	521.4	529.0	532.1	532.1	532.1
155°	450.8	465.4	477.7	489.2	493.4	497.6	506.0	511.4	514.5	512.9	514.5
157.5°	444.7	456.2	466.9	476.9	480.4	483.8	489.9	494.5	496.1	496.1	496.1
160°	437.8	447.8	456.2	464.6	467.3	470.0	475.4	479.2	480.0	480.0	480.0
162.5°	431.7	439.3	446.2	453.1	455.0	457.0	462.3	464.6	465.4	464.6	465.4
165°	424.8	430.9	436.3	441.6	443.2	444.7	447.8	450.8	450.8	450.1	450.8
167.5°	417.9	422.5	427.1	430.9	432.4	434.0	435.5	437.0	437.0	436.3	437.0
170°	412.5	416.3	418.6	421.7	422.4	423.2	424.0	426.3	425.5	424.0	425.5
172.5°	407.1	409.4	410.9	413.3	413.6	414.0	414.8	415.6	414.8	414.0	414.8
175°	402.5	404.8	405.6	406.3	406.7	407.1	407.1	407.9	407.1	405.6	407.1
177.5°	399.4	401.0	401.0	401.7	401.7	401.7	401.7	401.7	401.0	399.4	401.0
180°	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7

TEST NUMBER: P1009584

CATALOG NUMBER: S122DIP-B865D725UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2
2.5°	1826.6	1817.3	1809.3	1810.7	1817.3	1812.0	1798.7	1781.5	1774.9	1767.0	1774.9
5°	1936.5	1928.5	1912.7	1914.0	1910.0	1904.7	1883.5	1857.0	1857.0	1835.8	1833.2
7.5°	2045.1	2033.2	2022.6	2019.9	2005.4	1994.8	1976.2	1939.1	1924.6	1899.4	1884.8
10°	2167.0	2157.7	2145.8	2131.2	2123.3	2104.7	2074.3	2019.9	1993.5	1959.0	1933.8
12.5°	2290.2	2288.8	2262.3	2233.2	2231.9	2202.7	2181.5	2108.7	2072.9	2026.6	1967.0
15°	2368.3	2361.7	2347.1	2332.5	2336.5	2304.7	2257.0	2170.9	2147.1	2091.5	2027.9
17.5°	2367.0	2367.0	2363.0	2360.4	2356.4	2347.1	2320.6	2263.7	2225.2	2155.0	2095.4
20°	2291.5	2308.7	2312.7	2311.3	2324.6	2331.2	2329.9	2294.1	2263.7	2201.4	2140.5
22.5°	2140.5	2180.2	2197.4	2208.0	2235.8	2250.4	2284.9	2271.6	2263.7	2217.3	2165.6
25°	2000.1	2013.3	2065.0	2067.6	2106.0	2141.8	2176.2	2198.8	2227.9	2210.7	2167.0
27.5°	1818.6	1849.1	1886.2	1914.0	1921.9	1994.8	2051.7	2094.1	2160.3	2165.6	2151.1
30°	1613.3	1627.9	1688.8	1725.9	1768.3	1821.3	1903.4	1976.2	2035.8	2090.1	2108.7
32.5°	1363.0	1422.6	1458.3	1503.4	1540.5	1634.5	1735.2	1829.2	1898.1	1989.5	2029.2
35°	1133.8	1180.2	1241.1	1259.6	1327.2	1406.7	1537.8	1658.3	1763.0	1855.7	1936.5
37.5°	944.4	981.5	1046.4	1075.5	1115.3	1217.3	1327.2	1476.9	1602.7	1716.6	1817.3
40°	814.6	842.4	891.4	900.7	933.8	1026.5	1115.3	1255.7	1422.6	1576.2	1686.2
42.5°	725.9	739.1	772.2	784.1	805.3	867.6	947.1	1079.5	1234.5	1393.4	1548.4
45°	662.3	671.5	691.4	702.0	728.5	756.3	821.2	927.2	1049.0	1209.3	1376.2
47.5°	605.3	617.2	625.2	631.8	646.4	676.8	719.2	797.4	913.9	1061.0	1222.6
50°	557.6	561.6	576.2	577.5	586.8	606.6	646.4	694.1	786.8	906.0	1062.3
52.5°	510.0	513.9	523.2	532.5	536.4	552.3	578.8	618.6	687.4	781.5	920.6
55°	462.3	467.6	476.8	483.5	487.4	500.7	516.6	555.0	609.3	675.5	789.4
57.5°	414.6	426.5	429.2	433.1	439.8	454.3	468.9	491.4	533.8	594.7	678.2
60°	369.6	373.5	382.8	386.8	393.4	401.3	419.9	437.1	467.6	515.3	590.8
62.5°	323.2	332.5	336.4	340.4	345.7	355.0	366.9	385.4	411.9	450.3	510.0
65°	283.5	284.8	292.7	298.0	303.3	309.9	321.9	339.1	355.0	390.7	434.5
67.5°	245.0	247.7	250.3	255.6	262.3	268.9	279.5	288.8	308.6	332.5	366.9
70°	208.0	208.0	214.6	218.6	217.2	225.2	233.1	243.7	258.3	280.8	308.6
72.5°	174.8	173.5	178.8	180.1	182.8	188.1	193.4	204.0	211.9	229.1	250.3
75°	139.1	141.7	144.4	144.4	148.3	152.3	157.6	162.9	172.2	182.8	198.7
77.5°	109.9	109.9	112.6	113.9	117.9	116.6	121.9	127.2	133.8	143.1	155.0
80°	80.8	83.4	83.4	83.4	84.8	86.1	91.4	95.4	99.3	106.0	111.3
82.5°	57.0	57.0	59.6	59.6	59.6	62.3	62.3	63.6	66.2	70.2	74.2
85°	35.8	35.8	35.8	37.1	35.8	37.1	39.7	38.4	39.7	42.4	42.4
87.5°	17.2	17.2	17.2	17.2	17.2	18.5	17.2	18.5	19.9	19.9	19.9
90°	25.3	25.3	25.3	24.9	24.5	23.0	24.5	25.3	26.1	25.3	20.7
92.5°	47.5	50.6	51.4	54.4	57.5	65.9	77.4	98.9	118.1	116.5	90.5
95°	88.9	95.1	105.0	113.4	121.9	154.1	200.9	263.0	300.5	266.0	177.1
97.5°	159.5	174.8	204.7	227.7	250.7	328.1	410.9	493.8	489.9	378.7	235.4
100°	310.5	343.5	407.1	453.5	499.9	604.9	700.0	716.1	605.7	417.1	251.5
102.5°	584.2	646.3	716.9	766.7	816.5	886.3	889.4	798.9	609.5	402.5	252.2
105°	907.8	955.3	1002.8	1015.4	1028.1	1018.2	931.5	772.1	568.1	382.6	256.1
107.5°	1113.2	1120.1	1120.9	1105.6	1090.2	1015.1	886.3	715.3	529.8	371.8	264.5
110°	1170.0	1155.4	1122.4	1091.0	1059.6	961.4	824.2	662.4	503.7	368.8	275.2

TEST NUMBER: P1009584

CATALOG NUMBER: S122DIP-B865D725UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1154.6	1127.8	1078.7	1041.6	1004.4	897.8	767.5	625.6	486.9	369.5	286.7
115°	1110.2	1074.9	1020.5	981.0	941.5	841.1	723.0	596.5	475.4	372.6	298.2
117.5°	1054.2	1016.6	960.7	923.1	885.5	792.0	686.2	576.6	469.2	377.2	310.5
120°	995.9	959.9	906.2	871.4	836.5	755.2	660.1	561.2	463.9	381.8	322.8
122.5°	943.8	908.5	861.8	831.1	800.4	724.5	639.4	548.2	460.8	387.2	333.5
125°	897.0	867.9	823.4	794.6	765.9	698.5	619.5	535.9	457.0	392.5	345.0
127.5°	857.2	829.6	790.5	763.6	736.8	672.4	599.6	524.4	454.7	397.9	355.7
130°	821.1	795.1	757.5	732.2	706.9	646.3	580.4	512.9	453.1	404.0	365.7
132.5°	785.9	759.8	723.0	699.6	676.2	621.8	562.0	503.7	452.4	410.2	375.7
135°	747.5	722.2	689.3	667.8	646.3	595.7	545.1	495.3	451.6	414.8	384.1
137.5°	708.4	686.2	654.8	635.6	616.4	575.0	531.3	489.2	451.6	419.4	391.0
140°	668.6	648.6	624.1	607.2	590.4	555.1	518.3	483.8	450.8	422.5	396.4
142.5°	634.1	616.4	593.4	580.0	566.6	537.5	507.6	478.4	450.8	424.8	401.0
145°	600.3	587.3	568.9	557.8	546.7	522.9	497.6	473.8	449.3	426.3	404.8
147.5°	573.5	562.8	546.7	538.2	529.8	510.6	489.9	469.2	447.0	427.1	407.1
150°	549.0	539.8	528.3	521.4	514.5	498.4	481.5	463.1	444.7	426.3	408.6
152.5°	529.0	521.4	512.9	507.2	501.4	488.4	473.1	457.7	440.9	424.8	409.4
155°	511.4	506.0	497.6	493.4	489.2	477.7	465.4	450.8	436.3	423.2	410.2
157.5°	494.5	489.9	483.8	480.4	476.9	466.9	456.2	444.7	431.7	420.2	410.2
160°	479.2	475.4	470.0	467.3	464.6	456.2	447.8	437.8	427.1	417.9	410.2
162.5°	464.6	462.3	457.0	455.0	453.1	446.2	439.3	431.7	423.2	415.6	409.4
165°	450.8	447.8	444.7	443.2	441.6	436.3	430.9	424.8	417.9	412.5	407.9
167.5°	437.0	435.5	434.0	432.4	430.9	427.1	422.5	417.9	413.3	409.4	407.1
170°	426.3	424.0	423.2	422.4	421.7	418.6	416.3	412.5	409.4	407.1	405.6
172.5°	415.6	414.8	414.0	413.6	413.3	410.9	409.4	407.1	404.8	404.0	403.3
175°	407.9	407.1	407.1	406.7	406.3	405.6	404.8	402.5	401.7	401.0	401.7
177.5°	401.7	401.7	401.7	401.7	401.7	401.0	401.0	399.4	398.7	399.4	401.0
180°	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7

TEST NUMBER: P1009584

CATALOG NUMBER: S122DIP-B865D725UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2
2.5°	1768.3	1761.7	1757.7	1760.3	1752.4	1732.5	1732.5	1739.1	1731.2	1723.2	1711.3
5°	1817.3	1804.0	1796.1	1794.8	1776.2	1744.4	1737.8	1731.2	1714.0	1695.4	1675.6
7.5°	1865.0	1841.1	1827.9	1818.6	1792.1	1751.1	1733.8	1719.3	1691.5	1663.6	1638.5
10°	1904.7	1870.3	1854.4	1839.8	1805.4	1753.7	1725.9	1699.4	1663.6	1627.9	1596.1
12.5°	1936.5	1896.8	1876.9	1855.7	1813.3	1745.8	1711.3	1668.9	1633.2	1585.5	1553.7
15°	1989.5	1907.4	1888.8	1868.9	1825.2	1732.5	1690.1	1642.4	1593.4	1529.9	1495.4
17.5°	2031.9	1921.9	1920.6	1878.2	1821.3	1727.2	1662.3	1600.1	1547.1	1483.5	1429.2
20°	2057.0	1944.4	1923.3	1879.5	1808.0	1691.5	1623.9	1555.0	1498.1	1421.2	1366.9
22.5°	2078.2	1976.2	1920.6	1867.6	1780.2	1679.5	1580.2	1515.3	1437.1	1353.7	1302.0
25°	2086.2	1982.9	1924.6	1863.6	1760.3	1645.1	1532.5	1462.3	1374.9	1299.4	1229.2
27.5°	2087.5	1981.5	1910.0	1846.4	1732.5	1600.1	1484.8	1410.6	1314.0	1226.5	1156.3
30°	2074.3	1967.0	1902.1	1833.2	1706.0	1559.0	1426.5	1344.4	1241.1	1153.7	1080.8
32.5°	2034.5	1937.8	1884.8	1809.3	1671.6	1502.0	1370.9	1279.5	1170.9	1084.8	1014.6
35°	1968.3	1902.1	1843.8	1773.6	1626.6	1449.1	1315.3	1208.0	1098.1	1015.9	949.7
37.5°	1886.2	1850.4	1796.1	1727.2	1574.9	1401.4	1253.0	1133.8	1023.9	944.4	879.5
40°	1774.9	1784.2	1731.2	1668.9	1514.0	1336.5	1172.2	1058.3	955.0	880.8	817.2
42.5°	1654.4	1692.8	1662.3	1602.7	1446.4	1264.9	1112.6	986.8	886.1	809.3	756.3
45°	1524.6	1590.8	1572.2	1528.5	1376.2	1189.4	1027.9	906.0	817.2	743.1	696.7
47.5°	1382.8	1476.9	1476.9	1445.1	1298.1	1113.9	955.0	830.5	743.1	690.1	645.1
50°	1238.5	1344.4	1361.6	1340.4	1210.6	1027.9	866.3	753.7	678.2	626.5	593.4
52.5°	1087.5	1210.6	1242.4	1231.8	1117.9	945.7	793.4	683.5	614.6	569.6	540.4
55°	943.1	1086.1	1120.6	1124.5	1018.6	855.7	712.6	615.9	549.7	519.2	494.1
57.5°	806.7	944.4	982.8	989.4	917.9	773.5	637.1	552.3	492.7	467.6	447.7
60°	690.1	805.3	855.7	870.2	808.0	678.2	566.9	484.8	439.8	415.9	397.4
62.5°	594.7	687.4	740.4	744.4	716.6	594.7	494.1	425.2	386.8	365.6	356.3
65°	502.0	585.5	617.2	633.1	610.6	515.3	426.5	369.6	339.1	320.5	311.3
67.5°	427.8	480.8	507.3	528.5	506.0	434.5	362.9	316.6	294.1	275.5	270.2
70°	351.0	394.7	414.6	435.8	415.9	361.6	309.9	267.6	247.7	233.1	226.5
72.5°	280.8	315.2	333.8	347.0	335.1	290.1	247.7	218.6	204.0	193.4	189.4
75°	222.5	246.4	257.0	266.2	260.9	226.5	200.0	176.2	162.9	153.6	151.0
77.5°	169.5	186.8	198.7	201.3	194.7	172.2	149.7	135.1	124.5	119.2	116.6
80°	120.5	131.1	137.8	141.7	135.1	125.8	109.9	99.3	90.1	83.4	82.1
82.5°	80.8	86.1	91.4	90.1	87.4	79.5	70.2	64.9	60.9	55.6	55.6
85°	46.4	47.7	50.3	51.7	50.3	45.0	39.7	37.1	34.4	30.5	30.5
87.5°	19.9	21.2	21.2	22.5	19.9	19.9	17.2	14.6	14.6	13.2	11.9
90°	15.3	11.5	10.4	9.2	7.7	6.1	3.1	0.8	3.1	6.1	7.7
92.5°	61.3	40.6	36.4	32.2	26.1	22.2	16.1	11.5	16.1	22.2	26.1
95°	110.4	75.1	65.9	56.7	44.5	37.6	29.9	26.8	29.9	37.6	44.5
97.5°	142.6	97.4	87.1	76.7	62.9	52.9	44.5	39.9	44.5	52.9	62.9
100°	157.9	117.3	106.6	95.8	80.5	68.2	61.3	59.0	61.3	68.2	80.5
102.5°	171.7	134.9	124.2	113.5	97.4	85.1	78.2	76.7	78.2	85.1	97.4
105°	187.8	151.8	141.0	130.3	113.5	102.0	96.6	93.5	96.6	102.0	113.5
107.5°	203.9	168.7	158.0	147.2	130.3	119.6	114.2	111.9	114.2	119.6	130.3
110°	220.0	186.3	175.2	164.1	148.0	138.0	133.4	130.3	133.4	138.0	148.0

TEST NUMBER: P1009584

CATALOG NUMBER: S122DIP-B865D725UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	235.4	203.2	191.7	180.2	164.8	155.6	150.3	147.2	150.3	155.6	164.8
115°	251.5	218.5	208.2	197.8	182.5	173.3	168.7	164.8	168.7	173.3	182.5
117.5°	266.0	235.4	224.6	213.9	199.3	190.9	186.3	183.2	186.3	190.9	199.3
120°	281.4	251.5	240.8	230.0	214.7	207.8	203.2	200.1	203.2	207.8	214.7
122.5°	295.9	268.3	257.2	246.1	230.8	223.1	218.5	216.2	218.5	223.1	230.8
125°	310.5	282.9	272.2	261.4	246.1	236.9	232.3	230.0	232.3	236.9	246.1
127.5°	324.3	297.5	286.4	275.2	260.7	250.7	244.6	241.5	244.6	250.7	260.7
130°	336.6	309.7	299.0	288.3	272.9	262.2	254.5	251.5	254.5	262.2	272.9
132.5°	347.3	322.0	311.2	300.5	284.4	272.9	264.5	260.7	264.5	272.9	284.4
135°	357.3	332.7	322.0	311.3	293.6	282.1	272.9	269.9	272.9	282.1	293.6
137.5°	365.7	341.2	331.2	321.2	303.6	291.3	282.1	278.3	282.1	291.3	303.6
140°	372.6	349.6	339.6	329.7	312.8	300.5	291.3	288.3	291.3	300.5	312.8
142.5°	378.0	355.7	346.5	337.3	321.2	309.0	300.5	298.2	300.5	309.0	321.2
145°	383.3	362.6	354.2	345.8	330.4	318.9	311.3	308.2	311.3	318.9	330.4
147.5°	387.9	368.0	360.4	352.7	339.6	328.9	321.2	318.9	321.2	328.9	339.6
150°	391.0	373.4	366.5	359.6	348.1	338.1	332.0	329.7	332.0	338.1	348.1
152.5°	394.1	378.7	372.6	366.5	355.7	347.3	341.2	340.4	341.2	347.3	355.7
155°	397.1	384.1	378.4	372.6	364.2	355.7	351.1	350.4	351.1	355.7	364.2
157.5°	399.4	387.9	383.0	378.0	371.1	363.4	359.6	358.8	359.6	363.4	371.1
160°	401.0	391.8	387.6	383.3	377.2	371.1	368.0	367.2	368.0	371.1	377.2
162.5°	401.7	394.1	391.0	387.9	382.6	378.0	374.9	375.7	374.9	378.0	382.6
165°	402.5	395.6	393.3	391.0	387.2	382.6	381.0	381.8	381.0	382.6	387.2
167.5°	402.5	397.1	395.6	394.1	391.0	387.9	386.4	387.2	386.4	387.9	391.0
170°	401.7	397.9	396.8	395.6	394.1	391.8	391.0	392.5	391.0	391.8	394.1
172.5°	401.0	398.7	397.9	397.1	396.4	394.1	394.8	395.6	394.8	394.1	396.4
175°	400.2	398.7	398.3	397.9	397.9	396.4	397.1	397.9	397.1	396.4	397.9
177.5°	399.4	398.7	398.7	398.7	398.7	397.1	397.9	399.4	397.9	397.1	398.7
180°	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7

TEST NUMBER: P1009584

CATALOG NUMBER: S122DIP-B865D725UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2
2.5°	1704.7	1711.3	1710.0	1696.8	1682.2	1670.3	1647.7	1650.4	1642.4	1643.8	1651.7
5°	1662.3	1662.3	1657.0	1638.5	1614.6	1601.4	1576.2	1569.6	1553.7	1552.4	1551.1
7.5°	1617.3	1610.7	1604.0	1577.5	1548.4	1527.2	1492.8	1484.8	1468.9	1458.3	1453.0
10°	1564.3	1555.0	1541.8	1511.3	1475.6	1449.1	1413.3	1402.7	1372.2	1359.0	1351.0
12.5°	1506.0	1500.7	1479.5	1454.4	1396.1	1366.9	1315.3	1325.9	1295.4	1268.9	1264.9
15°	1447.7	1427.9	1415.9	1374.9	1304.7	1291.4	1250.4	1229.2	1201.4	1180.2	1180.2
17.5°	1390.8	1360.3	1333.8	1290.1	1238.5	1201.4	1170.9	1160.3	1125.9	1104.7	1100.7
20°	1315.3	1280.8	1274.2	1212.0	1176.2	1135.1	1106.0	1079.5	1054.3	1045.1	1038.4
22.5°	1243.8	1204.0	1193.4	1140.4	1104.7	1063.6	1034.5	1015.9	997.4	990.8	978.8
25°	1166.9	1143.1	1127.2	1070.2	1030.5	992.1	972.2	959.0	941.8	940.4	932.5
27.5°	1092.8	1070.2	1054.3	1000.0	970.9	935.1	919.2	904.7	895.4	891.4	887.5
30°	1029.2	1004.0	985.5	945.7	910.0	880.8	867.6	858.3	853.0	846.4	845.1
32.5°	959.0	944.4	919.2	888.8	861.0	833.1	825.2	818.6	810.6	808.0	806.7
35°	899.4	879.5	863.6	829.2	817.2	793.4	784.1	778.8	768.2	765.6	762.9
37.5°	841.1	822.5	805.3	784.1	761.6	748.4	743.1	735.1	729.8	731.2	728.5
40°	782.8	768.2	755.0	732.5	719.2	712.6	702.0	694.1	691.4	692.7	691.4
42.5°	725.9	712.6	704.7	687.4	674.2	667.6	661.0	653.0	657.0	657.0	661.0
45°	674.2	662.3	657.0	643.7	635.8	625.2	618.6	617.2	622.5	621.2	621.2
47.5°	621.2	617.2	610.6	598.7	588.1	581.5	580.2	580.2	585.5	588.1	586.8
50°	580.2	572.2	564.3	555.0	547.0	544.4	540.4	543.1	548.4	548.4	551.0
52.5°	528.5	523.2	520.5	512.6	507.3	507.3	507.3	508.6	512.6	516.6	515.3
55°	483.5	479.5	476.8	472.9	466.2	467.6	466.2	468.9	472.9	476.8	479.5
57.5°	435.8	434.5	431.8	425.2	425.2	423.9	427.8	429.2	435.8	438.4	442.4
60°	393.4	389.4	389.4	384.1	384.1	384.1	388.1	392.1	397.4	398.7	401.3
62.5°	348.4	348.4	347.0	343.1	343.1	347.0	348.4	353.7	356.3	356.3	360.3
65°	306.0	304.6	303.3	304.6	306.0	306.0	309.9	312.6	315.2	316.6	317.9
67.5°	263.6	262.3	264.9	263.6	266.2	271.5	270.2	274.2	278.2	278.2	279.5
70°	223.8	226.5	225.2	227.8	226.5	229.1	233.1	234.4	234.4	235.8	239.7
72.5°	186.8	186.8	186.8	185.4	186.8	189.4	192.1	193.4	196.0	197.4	201.3
75°	151.0	151.0	148.3	151.0	151.0	153.6	156.3	156.3	156.3	158.9	162.9
77.5°	113.9	115.2	113.9	116.6	116.6	117.9	120.5	119.2	121.9	123.2	124.5
80°	83.4	82.1	82.1	82.1	83.4	83.4	86.1	87.4	87.4	91.4	88.7
82.5°	53.0	54.3	53.0	54.3	54.3	55.6	54.3	55.6	57.0	59.6	58.3
85°	30.5	29.1	29.1	30.5	29.1	29.1	30.5	29.1	30.5	29.1	30.5
87.5°	11.9	10.6	10.6	10.6	10.6	9.3	9.3	7.9	7.9	7.9	6.6
90°	9.2	10.4	11.5	15.3	20.7	25.3	26.1	25.3	24.5	23.0	24.5
92.5°	32.2	36.4	40.6	61.3	90.5	116.5	118.1	98.9	77.4	65.9	57.5
95°	56.7	65.9	75.1	110.4	177.1	266.0	300.5	263.0	200.9	154.1	121.9
97.5°	76.7	87.1	97.4	142.6	235.4	378.7	489.9	493.8	410.9	328.1	250.7
100°	95.8	106.6	117.3	157.9	251.5	417.1	605.7	716.1	700.0	604.9	499.9
102.5°	113.5	124.2	134.9	171.7	252.2	402.5	609.5	798.9	889.4	886.3	816.5
105°	130.3	141.0	151.8	187.8	256.1	382.6	568.1	772.1	931.5	1018.2	1028.1
107.5°	147.2	158.0	168.7	203.9	264.5	371.8	529.8	715.3	886.3	1015.1	1090.2
110°	164.1	175.2	186.3	220.0	275.2	368.8	503.7	662.4	824.2	961.4	1059.6

TEST NUMBER: P1009584

CATALOG NUMBER: S122DIP-B865D725UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	180.2	191.7	203.2	235.4	286.7	369.5	486.9	625.6	767.5	897.8	1004.4
115°	197.8	208.2	218.5	251.5	298.2	372.6	475.4	596.5	723.0	841.1	941.5
117.5°	213.9	224.6	235.4	266.0	310.5	377.2	469.2	576.6	686.2	792.0	885.5
120°	230.0	240.8	251.5	281.4	322.8	381.8	463.9	561.2	660.1	755.2	836.5
122.5°	246.1	257.2	268.3	295.9	333.5	387.2	460.8	548.2	639.4	724.5	800.4
125°	261.4	272.2	282.9	310.5	345.0	392.5	457.0	535.9	619.5	698.5	765.9
127.5°	275.2	286.4	297.5	324.3	355.7	397.9	454.7	524.4	599.6	672.4	736.8
130°	288.3	299.0	309.7	336.6	365.7	404.0	453.1	512.9	580.4	646.3	706.9
132.5°	300.5	311.2	322.0	347.3	375.7	410.2	452.4	503.7	562.0	621.8	676.2
135°	311.3	322.0	332.7	357.3	384.1	414.8	451.6	495.3	545.1	595.7	646.3
137.5°	321.2	331.2	341.2	365.7	391.0	419.4	451.6	489.2	531.3	575.0	616.4
140°	329.7	339.6	349.6	372.6	396.4	422.5	450.8	483.8	518.3	555.1	590.4
142.5°	337.3	346.5	355.7	378.0	401.0	424.8	450.8	478.4	507.6	537.5	566.6
145°	345.8	354.2	362.6	383.3	404.8	426.3	449.3	473.8	497.6	522.9	546.7
147.5°	352.7	360.4	368.0	387.9	407.1	427.1	447.0	469.2	489.9	510.6	529.8
150°	359.6	366.5	373.4	391.0	408.6	426.3	444.7	463.1	481.5	498.4	514.5
152.5°	366.5	372.6	378.7	394.1	409.4	424.8	440.9	457.7	473.1	488.4	501.4
155°	372.6	378.4	384.1	397.1	410.2	423.2	436.3	450.8	465.4	477.7	489.2
157.5°	378.0	383.0	387.9	399.4	410.2	420.2	431.7	444.7	456.2	466.9	476.9
160°	383.3	387.6	391.8	401.0	410.2	417.9	427.1	437.8	447.8	456.2	464.6
162.5°	387.9	391.0	394.1	401.7	409.4	415.6	423.2	431.7	439.3	446.2	453.1
165°	391.0	393.3	395.6	402.5	407.9	412.5	417.9	424.8	430.9	436.3	441.6
167.5°	394.1	395.6	397.1	402.5	407.1	409.4	413.3	417.9	422.5	427.1	430.9
170°	395.6	396.8	397.9	401.7	405.6	407.1	409.4	412.5	416.3	418.6	421.7
172.5°	397.1	397.9	398.7	401.0	403.3	404.0	404.8	407.1	409.4	410.9	413.3
175°	397.9	398.3	398.7	400.2	401.7	401.0	401.7	402.5	404.8	405.6	406.3
177.5°	398.7	398.7	398.7	399.4	401.0	399.4	398.7	399.4	401.0	401.0	401.7
180°	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7

TEST NUMBER: P1009584

CATALOG NUMBER: S122DIP-B865D725UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2
2.5°	1642.4	1646.4	1637.1	1634.5	1637.1	1627.9	1630.5	1633.2	1633.2	1637.1	1639.8
5°	1547.1	1541.8	1532.5	1529.9	1527.2	1531.2	1528.5	1532.5	1533.8	1543.1	1544.4
7.5°	1453.0	1445.1	1437.1	1429.2	1426.5	1419.9	1426.5	1426.5	1435.8	1433.2	1439.8
10°	1341.8	1340.4	1329.9	1325.9	1320.6	1310.0	1324.6	1320.6	1327.2	1339.1	1341.8
12.5°	1259.6	1245.1	1251.7	1233.2	1239.8	1229.2	1230.5	1230.5	1241.1	1242.4	1239.8
15°	1181.5	1169.6	1152.4	1144.4	1140.4	1135.1	1152.4	1153.7	1145.7	1164.3	1157.7
17.5°	1102.0	1102.0	1086.1	1082.2	1071.6	1076.9	1074.2	1075.5	1072.9	1086.1	1092.8
20°	1033.2	1026.5	1021.2	1022.6	1009.3	1006.7	1004.0	1006.7	1015.9	1025.2	1027.9
22.5°	977.5	973.5	960.3	963.0	952.4	956.3	953.7	960.3	961.6	961.6	970.9
25°	924.5	919.2	920.6	915.3	911.3	911.3	907.3	911.3	916.6	919.2	920.6
27.5°	884.8	880.8	874.2	870.2	872.9	866.3	871.6	875.5	875.5	872.9	875.5
30°	837.1	839.8	839.8	826.5	831.8	829.2	833.1	835.8	835.8	837.1	834.5
32.5°	805.3	797.4	796.1	794.7	794.7	789.4	789.4	793.4	794.7	796.1	800.0
35°	762.9	762.9	756.3	760.3	755.0	756.3	755.0	756.3	759.0	755.0	759.0
37.5°	724.5	725.9	723.2	725.9	727.2	724.5	721.9	727.2	724.5	724.5	721.9
40°	691.4	690.1	691.4	691.4	691.4	692.7	690.1	690.1	690.1	687.4	684.8
42.5°	663.6	655.7	658.3	659.6	655.7	655.7	657.0	655.7	659.6	651.7	651.7
45°	623.9	621.2	622.5	622.5	625.2	621.2	623.9	625.2	621.2	619.9	617.2
47.5°	588.1	590.8	588.1	590.8	590.8	593.4	588.1	589.4	590.8	585.5	581.5
50°	552.3	552.3	556.3	555.0	556.3	553.7	553.7	552.3	553.7	551.0	547.0
52.5°	519.2	515.3	521.9	520.5	519.2	517.9	516.6	517.9	515.3	512.6	512.6
55°	478.2	478.2	482.1	483.5	483.5	480.8	478.2	479.5	478.2	476.8	475.5
57.5°	445.0	439.8	442.4	443.7	443.7	439.8	442.4	439.8	439.8	441.1	437.1
60°	402.7	402.7	400.0	404.0	404.0	401.3	401.3	402.7	400.0	398.7	397.4
62.5°	357.6	359.0	362.9	364.3	365.6	362.9	360.3	361.6	361.6	357.6	359.0
65°	319.2	321.9	327.2	325.8	323.2	324.5	321.9	323.2	319.2	320.5	316.6
67.5°	282.1	280.8	282.1	282.1	284.8	283.5	280.8	280.8	279.5	283.5	279.5
70°	242.4	242.4	242.4	242.4	243.7	245.0	242.4	239.7	241.1	238.4	237.1
72.5°	201.3	202.7	201.3	204.0	200.0	202.7	202.7	201.3	200.0	200.0	200.0
75°	162.9	165.6	161.6	162.9	161.6	164.2	162.9	162.9	160.3	158.9	160.3
77.5°	124.5	125.8	123.2	124.5	123.2	124.5	124.5	123.2	123.2	123.2	123.2
80°	88.7	90.1	88.7	87.4	86.1	88.7	86.1	87.4	88.7	87.4	90.1
82.5°	57.0	57.0	55.6	57.0	54.3	54.3	55.6	55.6	54.3	57.0	54.3
85°	27.8	27.8	30.5	27.8	26.5	26.5	26.5	27.8	26.5	29.1	27.8
87.5°	6.6	5.3	6.6	6.6	5.3	5.3	6.6	5.3	6.6	7.9	5.3
90°	24.9	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	24.9
92.5°	54.4	51.4	50.6	47.5	48.3	46.8	48.3	47.5	50.6	51.4	54.4
95°	113.4	105.0	95.1	88.9	86.6	87.4	86.6	88.9	95.1	105.0	113.4
97.5°	227.7	204.7	174.8	159.5	151.0	146.4	151.0	159.5	174.8	204.7	227.7
100°	453.5	407.1	343.5	310.5	288.3	274.5	288.3	310.5	343.5	407.1	453.5
102.5°	766.7	716.9	646.3	584.2	555.1	535.2	555.1	584.2	646.3	716.9	766.7
105°	1015.4	1002.8	955.3	907.8	874.8	864.1	874.8	907.8	955.3	1002.8	1015.4
107.5°	1105.6	1120.9	1120.1	1113.2	1103.3	1085.6	1103.3	1113.2	1120.1	1120.9	1105.6
110°	1091.0	1122.4	1155.4	1170.0	1176.9	1176.1	1176.9	1170.0	1155.4	1122.4	1091.0

TEST NUMBER: P1009584

CATALOG NUMBER: S122DIP-B865D725UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1041.6	1078.7	1127.8	1154.6	1169.2	1174.6	1169.2	1154.6	1127.8	1078.7	1041.6
115°	981.0	1020.5	1074.9	1110.2	1130.1	1137.0	1130.1	1110.2	1074.9	1020.5	981.0
117.5°	923.1	960.7	1016.6	1054.2	1074.9	1080.3	1074.9	1054.2	1016.6	960.7	923.1
120°	871.4	906.2	959.9	995.9	1018.2	1025.8	1018.2	995.9	959.9	906.2	871.4
122.5°	831.1	861.8	908.5	943.8	963.0	969.1	963.0	943.8	908.5	861.8	831.1
125°	794.6	823.4	867.9	897.0	916.2	922.3	916.2	897.0	867.9	823.4	794.6
127.5°	763.6	790.5	829.6	857.2	874.0	878.6	874.0	857.2	829.6	790.5	763.6
130°	732.2	757.5	795.1	821.1	836.5	842.6	836.5	821.1	795.1	757.5	732.2
132.5°	699.6	723.0	759.8	785.9	799.7	805.0	799.7	785.9	759.8	723.0	699.6
135°	667.8	689.3	722.2	747.5	761.3	764.4	761.3	747.5	722.2	689.3	667.8
137.5°	635.6	654.8	686.2	708.4	720.7	725.3	720.7	708.4	686.2	654.8	635.6
140°	607.2	624.1	648.6	668.6	680.1	684.7	680.1	668.6	648.6	624.1	607.2
142.5°	580.0	593.4	616.4	634.1	644.0	644.0	644.0	634.1	616.4	593.4	580.0
145°	557.8	568.9	587.3	600.3	608.0	610.3	608.0	600.3	587.3	568.9	557.8
147.5°	538.2	546.7	562.8	573.5	578.9	580.4	578.9	573.5	562.8	546.7	538.2
150°	521.4	528.3	539.8	549.0	553.6	554.3	553.6	549.0	539.8	528.3	521.4
152.5°	507.2	512.9	521.4	529.0	532.1	532.1	532.1	529.0	521.4	512.9	507.2
155°	493.4	497.6	506.0	511.4	514.5	512.9	514.5	511.4	506.0	497.6	493.4
157.5°	480.4	483.8	489.9	494.5	496.1	496.1	496.1	494.5	489.9	483.8	480.4
160°	467.3	470.0	475.4	479.2	480.0	480.0	480.0	479.2	475.4	470.0	467.3
162.5°	455.0	457.0	462.3	464.6	465.4	464.6	465.4	464.6	462.3	457.0	455.0
165°	443.2	444.7	447.8	450.8	450.8	450.1	450.8	450.8	447.8	444.7	443.2
167.5°	432.4	434.0	435.5	437.0	437.0	436.3	437.0	437.0	435.5	434.0	432.4
170°	422.4	423.2	424.0	426.3	425.5	424.0	425.5	426.3	424.0	423.2	422.4
172.5°	413.6	414.0	414.8	415.6	414.8	414.0	414.8	415.6	414.8	414.0	413.6
175°	406.7	407.1	407.1	407.9	407.1	405.6	407.1	407.9	407.1	407.1	406.7
177.5°	401.7	401.7	401.7	401.7	401.0	399.4	401.0	401.7	401.7	401.7	401.7
180°	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7

TEST NUMBER: P1009584

CATALOG NUMBER: S122DIP-B865D725UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2	1723.2
2.5°	1635.8	1646.4	1642.4	1627.9	1645.1	1645.1	1657.0	1657.0	1671.6	1676.9	1684.8
5°	1543.1	1551.1	1557.7	1551.1	1563.0	1581.5	1592.1	1601.4	1621.3	1629.2	1641.1
7.5°	1443.8	1458.3	1465.0	1465.0	1484.8	1506.0	1527.2	1540.5	1568.3	1578.9	1590.8
10°	1347.1	1364.3	1377.5	1376.2	1409.3	1422.6	1449.1	1479.5	1507.3	1523.2	1540.5
12.5°	1245.1	1254.4	1272.9	1299.4	1307.3	1331.2	1361.6	1400.1	1450.4	1465.0	1490.1
15°	1160.3	1185.5	1200.0	1212.0	1230.5	1253.0	1286.1	1323.2	1373.6	1405.4	1431.8
17.5°	1088.8	1121.9	1131.2	1128.5	1152.4	1186.8	1225.2	1253.0	1298.1	1336.5	1361.6
20°	1030.5	1043.7	1059.6	1066.3	1084.8	1121.9	1159.0	1190.8	1227.9	1258.3	1287.5
22.5°	972.2	982.8	996.1	1008.0	1022.6	1043.7	1079.5	1119.2	1155.0	1184.2	1217.3
25°	924.5	931.2	943.1	952.4	968.2	982.8	1008.0	1051.7	1094.1	1111.3	1140.4
27.5°	878.2	883.5	891.4	902.0	910.0	924.5	947.1	982.8	1026.5	1043.7	1083.5
30°	837.1	841.1	849.0	854.3	858.3	875.5	892.7	920.6	953.7	977.5	1006.7
32.5°	798.7	802.7	810.6	812.0	817.2	826.5	842.4	867.6	896.7	916.6	941.8
35°	756.3	759.0	766.9	769.6	773.5	781.5	793.4	812.0	838.4	853.0	875.5
37.5°	723.2	721.9	727.2	731.2	736.5	740.4	744.4	762.9	782.8	796.1	813.3
40°	687.4	684.8	686.1	691.4	694.1	699.4	699.4	717.9	731.2	741.7	755.0
42.5°	651.7	650.4	647.7	650.4	653.0	654.3	655.7	668.9	682.1	691.4	706.0
45°	615.9	614.6	611.9	613.3	613.3	615.9	619.9	625.2	634.5	642.4	650.4
47.5°	582.8	580.2	576.2	574.9	577.5	577.5	577.5	582.8	592.1	594.7	602.7
50°	548.4	544.4	539.1	536.4	536.4	535.1	537.8	539.1	547.0	549.7	556.3
52.5°	511.3	508.6	503.3	498.0	499.4	496.7	498.0	499.4	502.0	506.0	510.0
55°	474.2	468.9	464.9	463.6	459.6	459.6	455.6	460.9	459.6	460.9	466.2
57.5°	438.4	433.1	426.5	423.9	419.9	418.6	415.9	414.6	415.9	419.9	423.9
60°	396.0	393.4	389.4	385.4	382.8	378.8	376.2	376.2	374.8	374.8	376.2
62.5°	355.0	353.7	348.4	347.0	344.4	341.7	337.8	335.1	335.1	337.8	339.1
65°	315.2	313.9	309.9	308.6	302.0	299.3	298.0	296.7	294.1	294.1	294.1
67.5°	278.2	274.2	274.2	267.6	262.3	259.6	257.0	255.6	255.6	255.6	257.0
70°	237.1	237.1	233.1	229.1	223.8	225.2	221.2	217.2	217.2	214.6	215.9
72.5°	197.4	196.0	192.1	190.7	186.8	182.8	180.1	182.8	178.8	177.5	178.8
75°	158.9	157.6	155.0	152.3	153.6	149.7	145.7	144.4	144.4	141.7	141.7
77.5°	121.9	124.5	119.2	117.9	115.2	112.6	111.3	109.9	109.9	109.9	112.6
80°	84.8	86.1	86.1	83.4	84.8	80.8	80.8	80.8	76.8	78.1	79.5
82.5°	54.3	54.3	53.0	54.3	53.0	53.0	51.7	51.7	50.3	50.3	51.7
85°	30.5	29.1	27.8	30.5	29.1	29.1	27.8	27.8	27.8	27.8	27.8
87.5°	6.6	7.9	7.9	7.9	7.9	9.3	9.3	9.3	10.6	10.6	10.6
90°	24.5	23.0	24.5	25.3	26.1	25.3	20.7	15.3	11.5	10.4	9.2
92.5°	57.5	65.9	77.4	98.9	118.1	116.5	90.5	61.3	40.6	36.4	32.2
95°	121.9	154.1	200.9	263.0	300.5	266.0	177.1	110.4	75.1	65.9	56.7
97.5°	250.7	328.1	410.9	493.8	489.9	378.7	235.4	142.6	97.4	87.1	76.7
100°	499.9	604.9	700.0	716.1	605.7	417.1	251.5	157.9	117.3	106.6	95.8
102.5°	816.5	886.3	889.4	798.9	609.5	402.5	252.2	171.7	134.9	124.2	113.5
105°	1028.1	1018.2	931.5	772.1	568.1	382.6	256.1	187.8	151.8	141.0	130.3
107.5°	1090.2	1015.1	886.3	715.3	529.8	371.8	264.5	203.9	168.7	158.0	147.2
110°	1059.6	961.4	824.2	662.4	503.7	368.8	275.2	220.0	186.3	175.2	164.1

TEST NUMBER: P1009584

CATALOG NUMBER: S122DIP-B865D725UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1004.4	897.8	767.5	625.6	486.9	369.5	286.7	235.4	203.2	191.7	180.2
115°	941.5	841.1	723.0	596.5	475.4	372.6	298.2	251.5	218.5	208.2	197.8
117.5°	885.5	792.0	686.2	576.6	469.2	377.2	310.5	266.0	235.4	224.6	213.9
120°	836.5	755.2	660.1	561.2	463.9	381.8	322.8	281.4	251.5	240.8	230.0
122.5°	800.4	724.5	639.4	548.2	460.8	387.2	333.5	295.9	268.3	257.2	246.1
125°	765.9	698.5	619.5	535.9	457.0	392.5	345.0	310.5	282.9	272.2	261.4
127.5°	736.8	672.4	599.6	524.4	454.7	397.9	355.7	324.3	297.5	286.4	275.2
130°	706.9	646.3	580.4	512.9	453.1	404.0	365.7	336.6	309.7	299.0	288.3
132.5°	676.2	621.8	562.0	503.7	452.4	410.2	375.7	347.3	322.0	311.2	300.5
135°	646.3	595.7	545.1	495.3	451.6	414.8	384.1	357.3	332.7	322.0	311.3
137.5°	616.4	575.0	531.3	489.2	451.6	419.4	391.0	365.7	341.2	331.2	321.2
140°	590.4	555.1	518.3	483.8	450.8	422.5	396.4	372.6	349.6	339.6	329.7
142.5°	566.6	537.5	507.6	478.4	450.8	424.8	401.0	378.0	355.7	346.5	337.3
145°	546.7	522.9	497.6	473.8	449.3	426.3	404.8	383.3	362.6	354.2	345.8
147.5°	529.8	510.6	489.9	469.2	447.0	427.1	407.1	387.9	368.0	360.4	352.7
150°	514.5	498.4	481.5	463.1	444.7	426.3	408.6	391.0	373.4	366.5	359.6
152.5°	501.4	488.4	473.1	457.7	440.9	424.8	409.4	394.1	378.7	372.6	366.5
155°	489.2	477.7	465.4	450.8	436.3	423.2	410.2	397.1	384.1	378.4	372.6
157.5°	476.9	466.9	456.2	444.7	431.7	420.2	410.2	399.4	387.9	383.0	378.0
160°	464.6	456.2	447.8	437.8	427.1	417.9	410.2	401.0	391.8	387.6	383.3
162.5°	453.1	446.2	439.3	431.7	423.2	415.6	409.4	401.7	394.1	391.0	387.9
165°	441.6	436.3	430.9	424.8	417.9	412.5	407.9	402.5	395.6	393.3	391.0
167.5°	430.9	427.1	422.5	417.9	413.3	409.4	407.1	402.5	397.1	395.6	394.1
170°	421.7	418.6	416.3	412.5	409.4	407.1	405.6	401.7	397.9	396.8	395.6
172.5°	413.3	410.9	409.4	407.1	404.8	404.0	403.3	401.0	398.7	397.9	397.1
175°	406.3	405.6	404.8	402.5	401.7	401.0	401.7	400.2	398.7	398.3	397.9
177.5°	401.7	401.0	401.0	399.4	398.7	399.4	401.0	399.4	398.7	398.7	398.7
180°	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7	398.7

TEST NUMBER: P1009584

CATALOG NUMBER: S122DIP-B865D725UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1723.2	1723.2	1723.2	1723.2
2.5°	1691.5	1691.5	1711.3	1732.5
5°	1654.4	1663.6	1695.4	1724.6
7.5°	1618.6	1634.5	1674.2	1711.3
10°	1574.9	1596.1	1645.1	1688.8
12.5°	1532.5	1552.4	1609.3	1658.3
15°	1472.9	1498.1	1559.0	1619.9
17.5°	1413.3	1438.5	1512.6	1584.2
20°	1343.1	1376.2	1459.7	1555.0
22.5°	1278.2	1319.3	1412.0	1488.8
25°	1206.7	1270.2	1356.3	1455.7
27.5°	1143.1	1206.7	1294.1	1394.8
30°	1071.6	1136.5	1226.5	1319.3
32.5°	1002.7	1062.3	1149.7	1263.6
35°	931.2	988.1	1072.9	1188.1
37.5°	866.3	921.9	1014.6	1120.6
40°	802.7	861.0	940.4	1046.4
42.5°	743.1	794.7	866.3	972.2
45°	688.8	725.9	792.1	891.4
47.5°	631.8	664.9	725.9	825.2
50°	578.8	606.6	659.6	752.3
52.5°	527.2	551.0	600.0	674.2
55°	480.8	503.3	539.1	611.9
57.5°	433.1	450.3	484.8	543.1
60°	386.8	402.7	430.5	478.2
62.5°	340.4	353.7	380.1	418.6
65°	299.3	309.9	329.8	362.9
67.5°	259.6	266.2	282.1	308.6
70°	221.2	226.5	239.7	260.9
72.5°	180.1	185.4	200.0	214.6
75°	145.7	147.0	157.6	169.5
77.5°	113.9	112.6	120.5	129.8
80°	78.1	82.1	88.7	92.7
82.5°	53.0	54.3	57.0	59.6
85°	29.1	30.5	30.5	34.4
87.5°	11.9	13.2	13.2	14.6
90°	7.7	6.1	3.1	0.8
92.5°	26.1	22.2	16.1	11.5
95°	44.5	37.6	29.9	26.8
97.5°	62.9	52.9	44.5	39.9
100°	80.5	68.2	61.3	59.0
102.5°	97.4	85.1	78.2	76.7
105°	113.5	102.0	96.6	93.5
107.5°	130.3	119.6	114.2	111.9
110°	148.0	138.0	133.4	130.3

TEST NUMBER: P1009584

CATALOG NUMBER: S122DIP-B865D725UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	164.8	155.6	150.3	147.2
115°	182.5	173.3	168.7	164.8
117.5°	199.3	190.9	186.3	183.2
120°	214.7	207.8	203.2	200.1
122.5°	230.8	223.1	218.5	216.2
125°	246.1	236.9	232.3	230.0
127.5°	260.7	250.7	244.6	241.5
130°	272.9	262.2	254.5	251.5
132.5°	284.4	272.9	264.5	260.7
135°	293.6	282.1	272.9	269.9
137.5°	303.6	291.3	282.1	278.3
140°	312.8	300.5	291.3	288.3
142.5°	321.2	309.0	300.5	298.2
145°	330.4	318.9	311.3	308.2
147.5°	339.6	328.9	321.2	318.9
150°	348.1	338.1	332.0	329.7
152.5°	355.7	347.3	341.2	340.4
155°	364.2	355.7	351.1	350.4
157.5°	371.1	363.4	359.6	358.8
160°	377.2	371.1	368.0	367.2
162.5°	382.6	378.0	374.9	375.7
165°	387.2	382.6	381.0	381.8
167.5°	391.0	387.9	386.4	387.2
170°	394.1	391.8	391.0	392.5
172.5°	396.4	394.1	394.8	395.6
175°	397.9	396.4	397.1	397.9
177.5°	398.7	397.1	397.9	399.4
180°	398.7	398.7	398.7	398.7

(END OF REPORT)