

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: P1009557

Luminaire Tested: S122DIP-B865D530UB50-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1009557
REPORT IS A COMBINATION OF REPORTS P984891 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIP-B865D530UB50-4F0-XX-W2A-A4
Description: Define 2 Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

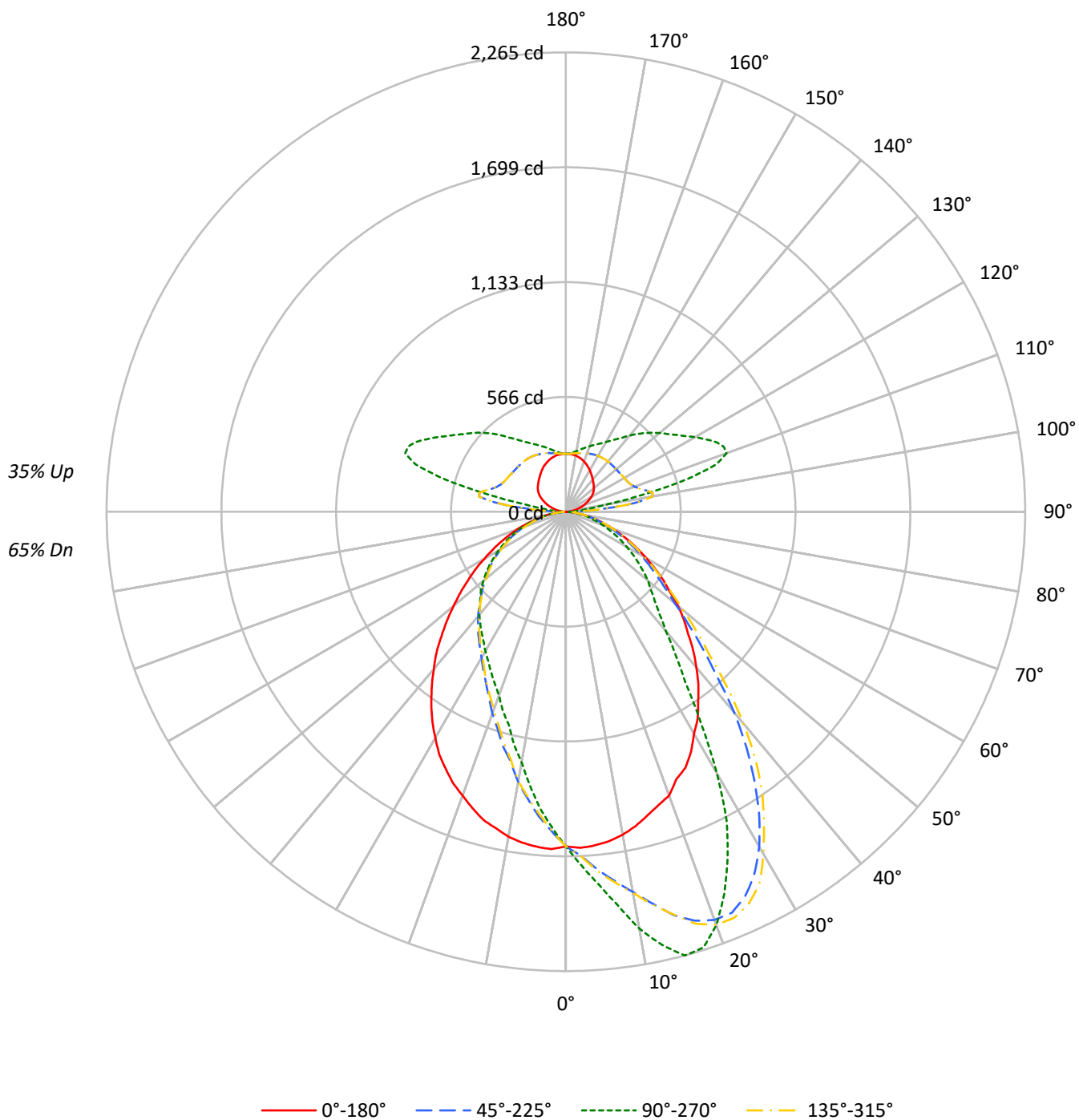
Lumens per Lamp: N/A
Luminaire Lumens: 5632.0 lumens
Efficiency: N/A
Efficacy: 90.5 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 62.2
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			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	111	111	111	111	104	104	104	104	91	91	91	80	80	80	70	70	70	65		
1	102	98	94	90	95	92	89	86	81	79	77	71	70	68	63	61	60	56		
2	93	86	80	75	87	81	76	71	72	68	64	64	60	58	56	54	52	48		
3	85	76	69	63	80	72	66	60	64	59	55	57	53	50	50	47	45	41		
4	78	68	60	54	74	64	57	52	57	52	47	51	47	43	45	42	39	36		
5	72	61	53	47	68	58	50	45	52	46	41	46	42	38	41	37	34	32		
6	67	55	47	41	63	52	45	40	47	41	37	42	37	34	37	34	31	28		
7	62	50	42	36	58	47	40	35	43	37	33	38	34	30	34	30	27	25		
8	58	46	38	33	54	43	36	31	39	33	29	35	31	27	32	28	25	23		
9	54	42	34	29	51	40	33	28	36	30	26	33	28	25	29	25	23	21		
10	51	39	31	27	48	37	30	26	34	28	24	30	26	22	27	24	21	19		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	26115	26115	26115	26115
5°	26178	27845	26278	22153
10°	25874	30397	26037	18265
15°	25247	32063	25598	15385
20°	24853	30104	24853	13372
25°	24061	25863	24170	11959
30°	22757	20330	23191	10831
35°	21603	14059	21964	9910
40°	20276	10614	20506	9175
45°	18638	8722	18944	8382
50°	17225	7655	17256	7674
55°	15612	6524	15713	6904
60°	13892	5449	14083	6025
65°	12353	4432	12577	5146
70°	10818	3478	11095	4150
75°	9079	2525	9437	3009
80°	7090	1600	7593	1787
85°	4661	804	5015	597

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 26997 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	157.1	2.8
10°-20°	457.4	8.1
20°-30°	663.8	11.8
30°-40°	699.8	12.4
40°-50°	619.2	11.0
50°-60°	494.4	8.8
60°-70°	335.8	6.0
70°-80°	171.8	3.1
80°-90°	42.4	0.8
90°-100°	111.4	2.0
100°-110°	392.3	7.0
110°-120°	412.0	7.3
120°-130°	339.0	6.0
130°-140°	272.3	4.8
140°-150°	205.7	3.7
150°-160°	144.6	2.6
160°-170°	85.1	1.5
170°-180°	27.7	0.5
0°-30°	1278.3	22.7
0°-40°	1978.1	35.1
0°-60°	3091.7	54.9
0°-90°	3641.8	64.7
90°-120°	915.8	16.3
90°-150°	1732.7	30.8
90°-180°	1990.0	35.3
0°-180°	5632.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1650	1650	1650	1650	1650	
5°	1651	1843	1657	1466	1651	157
15°	1551	2265	1572	1087	1551	438
25°	1394	1887	1400	872	1394	637
35°	1138	1027	1156	724	1138	712
45°	853	619	867	595	853	662
55°	586	435	590	460	586	523
65°	348	268	354	311	348	345
75°	162	132	169	157	162	174
85°	33	34	36	25	33	38
90°	0	18	0	18	0	3
95°	19	63	19	63	19	20
105°	67	619	67	619	67	71
115°	118	815	118	815	118	117
125°	165	661	165	661	165	147
135°	193	548	193	548	193	149
145°	221	438	221	438	221	139
155°	251	368	251	368	251	116
165°	274	323	274	323	274	77
175°	285	291	285	291	285	27
180°	286	286	286	286	286	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8
2.5°	1658.7	1662.5	1668.8	1670.1	1682.8	1692.9	1704.3	1704.3	1708.2	1706.9	1696.7
5°	1651.1	1662.5	1679.0	1692.9	1715.8	1725.9	1741.1	1752.5	1762.7	1770.3	1769.0
7.5°	1638.4	1658.7	1682.8	1709.4	1739.9	1757.6	1779.2	1799.5	1813.4	1826.1	1835.0
10°	1616.8	1651.1	1684.1	1719.6	1758.9	1783.0	1808.3	1835.0	1856.5	1880.6	1903.4
12.5°	1587.7	1637.1	1677.7	1724.6	1772.8	1799.5	1840.0	1860.3	1902.2	1963.0	1979.5
15°	1550.9	1618.1	1656.2	1715.8	1779.2	1800.7	1856.5	1889.5	1975.7	2013.8	2059.4
17.5°	1516.7	1591.5	1642.2	1710.7	1772.8	1814.7	1869.2	1936.4	2008.7	2063.2	2113.9
20°	1488.8	1561.0	1621.9	1698.0	1776.6	1829.9	1887.0	1968.1	2046.7	2102.5	2141.8
22.5°	1425.4	1517.9	1588.9	1673.9	1769.0	1842.6	1897.1	1985.9	2070.8	2105.1	2139.3
25°	1393.7	1473.5	1556.0	1652.4	1763.9	1851.4	1898.4	1997.3	2072.1	2084.8	2092.4
27.5°	1335.3	1425.4	1521.7	1632.1	1762.7	1836.2	1895.8	1985.9	2045.5	2036.6	2013.8
30°	1263.0	1373.4	1479.9	1599.1	1744.9	1824.8	1880.6	1963.0	1993.5	1947.8	1907.2
32.5°	1209.8	1313.8	1431.7	1569.9	1724.6	1800.7	1855.3	1919.9	1926.3	1843.8	1775.4
35°	1137.5	1252.9	1386.0	1531.9	1690.4	1758.9	1809.6	1848.9	1818.5	1703.1	1621.9
37.5°	1072.8	1187.0	1329.0	1477.4	1643.5	1710.7	1751.3	1757.6	1682.8	1581.3	1462.1
40°	1001.8	1119.7	1268.1	1424.1	1591.5	1649.8	1675.2	1656.2	1548.4	1430.4	1292.2
42.5°	930.8	1047.5	1207.2	1367.0	1525.5	1575.0	1585.1	1533.2	1401.3	1263.0	1103.3
45°	853.4	975.2	1135.0	1296.0	1449.5	1477.4	1478.6	1403.8	1247.8	1103.3	954.9
47.5°	790.0	902.9	1061.4	1222.5	1351.8	1370.8	1363.2	1277.0	1107.1	944.7	815.4
50°	720.3	828.1	985.3	1143.8	1254.2	1259.2	1240.2	1117.2	951.1	802.7	700.0
52.5°	645.5	754.5	899.1	1051.3	1150.2	1142.6	1105.8	973.9	817.9	694.9	616.3
55°	585.9	682.2	817.9	966.3	1036.0	1014.5	973.9	839.5	716.5	612.5	544.0
57.5°	519.9	604.9	738.0	867.4	908.0	887.7	847.1	721.6	607.4	528.8	483.2
60°	457.8	535.1	651.8	759.6	791.3	769.7	722.8	610.0	527.5	461.6	427.4
62.5°	400.7	467.9	565.6	664.5	677.2	655.6	615.0	523.7	452.7	400.7	375.4
65°	347.5	410.9	489.5	564.3	575.7	552.9	511.1	445.1	385.5	352.5	328.4
67.5°	295.5	346.2	415.9	470.5	476.8	455.3	421.0	367.8	331.0	295.5	277.7
70°	249.8	287.9	342.4	386.8	389.3	369.0	351.3	303.1	275.2	249.8	235.9
72.5°	205.4	232.1	273.9	306.9	308.2	295.5	279.0	248.6	224.5	206.7	192.8
75°	162.3	185.1	210.5	239.7	238.4	228.3	215.6	196.6	176.3	164.9	158.5
77.5°	124.3	138.2	158.5	177.5	177.5	172.5	164.9	150.9	138.2	126.8	120.5
80°	88.8	97.6	114.1	120.5	123.0	121.7	115.4	105.3	100.2	91.3	88.8
82.5°	57.1	63.4	71.0	77.4	81.2	78.6	77.4	72.3	64.7	62.1	59.6
85°	33.0	35.5	39.3	43.1	44.4	43.1	45.7	41.8	38.0	38.0	36.8
87.5°	13.9	15.2	17.8	17.8	19.0	19.0	17.8	19.0	19.0	17.8	16.5
90°	0.5	2.2	4.4	5.5	6.6	7.4	8.2	11.0	14.8	18.1	18.7
92.5°	8.2	11.5	15.9	18.7	23.1	26.1	29.1	44.0	64.8	83.5	84.6
95°	19.2	21.4	26.9	31.9	40.7	47.3	53.9	79.1	127.0	190.7	215.4
97.5°	28.6	31.9	37.9	45.1	55.0	62.4	69.8	102.2	168.7	271.5	351.2
100°	42.3	44.0	48.9	57.7	68.7	76.4	84.1	113.2	180.3	299.0	434.2
102.5°	55.0	56.1	61.0	69.8	81.3	89.0	96.7	123.1	180.8	288.5	436.9
105°	67.0	69.2	73.1	81.3	93.4	101.1	108.8	134.6	183.6	274.2	407.2
107.5°	80.2	81.9	85.7	93.4	105.5	113.2	120.9	146.2	189.6	266.5	379.8
110°	93.4	95.6	98.9	106.1	117.6	125.6	133.5	157.7	197.3	264.3	361.1

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	105.5	107.7	111.6	118.2	129.1	137.4	145.6	168.7	205.5	264.9	349.0
115°	118.2	120.9	124.2	130.8	141.8	149.2	156.6	180.3	213.8	267.1	340.7
117.5°	131.3	133.5	136.8	142.9	153.3	161.0	168.7	190.7	222.6	270.4	336.3
120°	143.4	145.6	148.9	153.9	164.9	172.6	180.3	201.7	231.4	273.7	332.5
122.5°	155.0	156.6	159.9	165.4	176.4	184.4	192.4	212.1	239.1	277.5	330.3
125°	164.9	166.5	169.8	176.4	187.4	195.1	202.8	222.6	247.3	281.4	327.5
127.5°	173.1	175.3	179.7	186.9	197.3	205.2	213.2	232.5	255.0	285.2	325.9
130°	180.3	182.5	188.0	195.6	206.6	214.3	222.0	241.3	262.1	289.6	324.8
132.5°	186.9	189.6	195.6	203.9	215.4	223.1	230.8	249.0	269.3	294.0	324.2
135°	193.4	195.6	202.2	210.5	223.1	230.8	238.5	256.1	275.3	297.3	323.7
137.5°	199.5	202.2	208.8	217.6	230.3	237.4	244.6	262.1	280.3	300.6	323.7
140°	206.6	208.8	215.4	224.2	236.3	243.4	250.6	267.1	284.1	302.8	323.1
142.5°	213.8	215.4	221.5	230.3	241.8	248.4	255.0	270.9	287.4	304.5	323.1
145°	220.9	223.1	228.6	236.9	247.9	253.9	259.9	274.8	290.2	305.6	322.0
147.5°	228.6	230.3	235.8	243.5	252.8	258.3	263.8	278.1	291.8	306.1	320.4
150°	236.3	238.0	242.4	249.5	257.7	262.6	267.6	280.3	292.9	305.6	318.8
152.5°	244.0	244.6	249.0	255.0	262.7	267.1	271.5	282.5	293.5	304.5	316.0
155°	251.2	251.7	255.0	261.0	267.1	271.2	275.3	284.7	294.0	303.4	312.7
157.5°	257.2	257.7	260.5	266.0	270.9	274.5	278.1	286.3	294.0	301.2	309.4
160°	263.2	263.8	266.0	270.4	274.8	277.8	280.8	287.4	294.0	299.5	306.1
162.5°	269.3	268.7	270.9	274.2	278.1	280.3	282.5	288.0	293.5	297.9	303.4
165°	273.7	273.1	274.2	277.5	280.3	282.0	283.6	288.5	292.4	295.7	299.5
167.5°	277.5	277.0	278.1	280.3	282.5	283.6	284.7	288.5	291.8	293.5	296.2
170°	281.4	280.3	280.8	282.5	283.6	284.4	285.2	288.0	290.7	291.8	293.5
172.5°	283.6	283.0	282.5	284.1	284.7	285.2	285.8	287.4	289.1	289.6	290.2
175°	285.2	284.7	284.1	285.2	285.2	285.5	285.8	286.9	288.0	287.4	288.0
177.5°	286.3	285.2	284.7	285.8	285.8	285.8	285.8	286.3	287.4	286.3	285.8
180°	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8
2.5°	1714.5	1715.8	1718.3	1731.0	1737.3	1738.6	1733.5	1744.9	1748.7	1744.9	1742.4
5°	1795.7	1803.3	1818.5	1835.0	1833.7	1835.0	1842.6	1850.2	1852.7	1842.6	1846.4
7.5°	1866.7	1881.9	1898.4	1923.7	1923.7	1936.4	1941.5	1947.8	1963.0	1955.4	1952.9
10°	1947.8	1968.1	1998.5	2039.1	2040.4	2053.1	2065.8	2086.0	2092.4	2087.3	2089.9
12.5°	2049.3	2088.6	2091.1	2135.5	2155.8	2158.3	2178.6	2174.8	2187.5	2187.5	2209.1
15°	2093.7	2154.5	2188.8	2231.9	2244.6	2229.3	2245.8	2263.6	2264.9	2264.9	2263.6
17.5°	2173.5	2197.6	2231.9	2254.7	2259.8	2259.8	2261.0	2268.7	2263.6	2253.4	2261.0
20°	2190.0	2200.2	2212.9	2210.3	2212.9	2200.2	2187.5	2174.8	2176.1	2169.7	2188.8
22.5°	2159.6	2157.1	2127.9	2108.9	2108.9	2083.5	2059.4	2048.0	2036.6	2040.4	2046.7
25°	2083.5	2044.2	2008.7	1980.8	1974.5	1933.9	1900.9	1890.8	1871.7	1887.0	1889.5
27.5°	1961.8	1917.4	1860.3	1836.2	1803.3	1786.8	1763.9	1733.5	1694.2	1717.0	1713.2
30°	1831.2	1765.2	1718.3	1660.0	1608.0	1604.2	1561.0	1510.3	1490.0	1490.0	1501.4
32.5°	1685.3	1597.8	1529.3	1446.9	1396.2	1374.6	1322.6	1271.9	1283.3	1245.3	1259.2
35°	1515.4	1400.0	1313.8	1233.9	1195.8	1170.5	1103.3	1075.4	1044.9	1027.2	1060.1
37.5°	1353.1	1219.9	1109.6	1022.1	1008.2	962.5	916.8	899.1	881.3	888.9	887.7
40°	1155.3	1037.3	938.4	869.9	845.8	824.3	793.8	772.3	760.9	767.2	768.5
42.5°	976.4	877.5	804.0	755.8	735.5	720.3	705.1	687.3	683.5	683.5	688.6
45°	838.2	757.1	707.6	668.3	656.9	645.5	634.1	626.4	623.9	618.8	622.6
47.5°	727.9	663.2	632.8	603.6	590.9	588.4	578.3	574.5	569.4	568.1	569.4
50°	635.3	594.7	566.8	550.4	541.5	537.7	532.6	525.0	522.5	528.8	526.3
52.5°	570.7	532.6	517.4	500.9	495.8	490.8	483.2	484.4	483.2	480.6	480.6
55°	506.0	481.9	466.7	454.0	452.7	447.6	441.3	438.8	437.5	435.0	438.8
57.5°	454.0	435.0	421.0	409.6	404.5	404.5	398.2	393.1	393.1	391.8	393.1
60°	402.0	383.0	374.1	362.7	358.9	357.6	353.8	351.3	347.5	347.5	347.5
62.5°	353.8	338.6	328.4	318.3	319.6	313.2	308.2	305.6	305.6	306.9	306.9
65°	308.2	298.0	285.3	276.4	273.9	272.6	270.1	268.8	265.0	267.6	267.6
67.5°	266.3	252.4	244.7	240.9	237.1	235.9	233.3	230.8	229.5	228.3	230.8
70°	224.5	213.0	206.7	204.2	200.4	199.1	197.8	194.0	195.3	196.6	197.8
72.5°	186.4	176.3	175.0	167.4	167.4	167.4	162.3	164.9	163.6	161.1	163.6
75°	147.1	142.0	139.5	135.7	137.0	135.7	134.4	130.6	130.6	131.9	133.2
77.5°	116.7	111.6	110.3	106.5	104.0	106.5	104.0	102.7	102.7	104.0	104.0
80°	86.2	83.7	79.9	79.9	79.9	78.6	78.6	78.6	77.4	76.1	77.4
82.5°	57.1	57.1	55.8	54.5	55.8	53.3	54.5	54.5	54.5	54.5	54.5
85°	36.8	35.5	35.5	34.2	34.2	34.2	35.5	33.0	33.0	34.2	34.2
87.5°	16.5	16.5	16.5	17.8	16.5	16.5	16.5	17.8	16.5	16.5	16.5
90°	18.1	17.6	16.5	17.6	17.8	18.1	18.1	18.1	18.1	18.1	18.1
92.5°	70.9	55.5	47.3	41.2	39.0	36.8	36.3	34.1	34.6	33.5	34.6
95°	188.5	144.0	110.5	87.4	81.4	75.3	68.1	63.8	62.1	62.7	62.1
97.5°	353.9	294.6	235.2	179.7	163.2	146.7	125.3	114.3	108.3	105.0	108.3
100°	513.3	501.8	433.6	358.3	325.0	291.8	246.2	222.6	206.6	196.7	206.6
102.5°	572.7	637.5	635.3	585.3	549.6	513.9	463.3	418.8	397.9	383.6	397.9
105°	553.4	667.7	729.8	737.0	727.9	718.8	684.8	650.7	627.1	619.4	627.1
107.5°	512.8	635.3	727.6	781.5	792.5	803.5	802.9	798.0	790.8	778.2	790.8
110°	474.8	590.8	689.2	759.5	782.0	804.6	828.2	838.6	843.6	843.0	843.6

TEST NUMBER: P1009557

CATALOG NUMBER: S122DIP-B865D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	448.5	550.1	643.5	719.9	746.6	773.2	808.4	827.7	838.1	841.9	838.1
115°	427.6	518.2	602.9	674.9	703.2	731.5	770.5	795.8	810.1	815.0	810.1
117.5°	413.3	491.9	567.7	634.8	661.7	688.6	728.7	755.7	770.5	774.3	770.5
120°	402.3	473.2	541.3	599.6	624.6	649.6	688.1	713.9	729.8	735.3	729.8
122.5°	392.9	458.3	519.3	573.8	595.8	617.7	651.2	676.5	690.3	694.7	690.3
125°	384.2	444.1	500.7	549.0	569.6	590.2	622.1	643.0	656.7	661.1	656.7
127.5°	375.9	429.8	482.0	528.1	547.4	566.6	594.6	614.4	626.5	629.8	626.5
130°	367.7	416.0	463.3	506.7	524.8	543.0	569.9	588.6	599.6	604.0	599.6
132.5°	361.1	402.8	445.7	484.7	501.4	518.2	544.6	563.3	573.2	577.1	573.2
135°	355.0	390.7	427.0	463.3	478.7	494.1	517.7	535.8	545.7	547.9	545.7
137.5°	350.6	380.9	412.2	441.9	455.6	469.3	491.9	507.8	516.6	519.9	516.6
140°	346.8	371.5	397.9	423.2	435.3	447.4	464.9	479.2	487.5	490.8	487.5
142.5°	342.9	363.8	385.3	406.1	415.8	425.4	441.9	454.5	461.6	461.6	461.6
145°	339.6	356.7	374.8	391.8	399.8	407.8	421.0	430.3	435.8	437.5	435.8
147.5°	336.3	351.2	366.0	379.8	385.8	391.8	403.4	411.1	414.9	416.0	414.9
150°	331.9	345.1	357.2	368.8	373.8	378.7	386.9	393.5	396.8	397.3	396.8
152.5°	328.1	339.1	350.1	359.4	363.5	367.7	373.7	379.2	381.4	381.4	381.4
155°	323.1	333.6	342.4	350.6	353.6	356.7	362.7	366.6	368.8	367.7	368.8
157.5°	318.8	327.0	334.7	341.8	344.3	346.8	351.2	354.5	355.6	355.6	355.6
160°	313.8	321.0	327.0	333.0	335.0	336.9	340.7	343.5	344.0	344.0	344.0
162.5°	309.4	314.9	319.9	324.8	326.2	327.5	331.4	333.0	333.6	333.0	333.6
165°	304.5	308.9	312.7	316.6	317.7	318.8	321.0	323.1	323.1	322.6	323.1
167.5°	299.5	302.8	306.1	308.9	310.0	311.1	312.2	313.3	313.3	312.7	313.3
170°	295.7	298.4	300.1	302.3	302.8	303.4	303.9	305.6	305.0	303.9	305.0
172.5°	291.8	293.5	294.6	296.2	296.5	296.8	297.3	297.9	297.3	296.8	297.3
175°	288.5	290.2	290.7	291.3	291.6	291.8	291.8	292.4	291.8	290.7	291.8
177.5°	286.3	287.4	287.4	288.0	288.0	288.0	288.0	288.0	287.4	286.3	287.4
180°	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8

TEST NUMBER: P1009557

CATALOG NUMBER: S122DIP-B865D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8
2.5°	1748.7	1739.9	1732.2	1733.5	1739.9	1734.8	1722.1	1705.6	1699.3	1691.7	1699.3
5°	1854.0	1846.4	1831.2	1832.4	1828.6	1823.5	1803.3	1777.9	1777.9	1757.6	1755.1
7.5°	1958.0	1946.6	1936.4	1933.9	1919.9	1909.8	1892.0	1856.5	1842.6	1818.5	1804.5
10°	2074.6	2065.8	2054.3	2040.4	2032.8	2015.0	1985.9	1933.9	1908.5	1875.5	1851.4
12.5°	2192.6	2191.3	2165.9	2138.0	2136.8	2108.9	2088.6	2018.8	1984.6	1940.2	1883.2
15°	2267.4	2261.0	2247.1	2233.2	2237.0	2206.5	2160.9	2078.4	2055.6	2002.4	1941.5
17.5°	2266.1	2266.1	2262.3	2259.8	2256.0	2247.1	2221.7	2167.2	2130.4	2063.2	2006.2
20°	2193.8	2210.3	2214.1	2212.9	2225.5	2231.9	2230.6	2196.4	2167.2	2107.6	2049.3
22.5°	2049.3	2087.3	2103.8	2113.9	2140.6	2154.5	2187.5	2174.8	2167.2	2122.8	2073.4
25°	1914.9	1927.5	1977.0	1979.5	2016.3	2050.5	2083.5	2105.1	2133.0	2116.5	2074.6
27.5°	1741.1	1770.3	1805.8	1832.4	1840.0	1909.8	1964.3	2004.9	2068.3	2073.4	2059.4
30°	1544.6	1558.5	1616.8	1652.4	1692.9	1743.7	1822.3	1892.0	1949.1	2001.1	2018.8
32.5°	1304.9	1362.0	1396.2	1439.3	1474.8	1564.9	1661.2	1751.3	1817.2	1904.7	1942.8
35°	1085.5	1129.9	1188.2	1206.0	1270.7	1346.7	1472.3	1587.7	1687.9	1776.6	1854.0
37.5°	904.2	939.7	1001.8	1029.7	1067.8	1165.4	1270.7	1413.9	1534.4	1643.5	1739.9
40°	779.9	806.5	853.4	862.3	894.0	982.8	1067.8	1202.2	1362.0	1509.1	1614.3
42.5°	694.9	707.6	739.3	750.7	771.0	830.6	906.7	1033.5	1181.9	1334.1	1482.4
45°	634.1	642.9	662.0	672.1	697.5	724.1	786.2	887.7	1004.3	1157.8	1317.6
47.5°	579.5	590.9	598.6	604.9	618.8	648.0	688.6	763.4	875.0	1015.8	1170.5
50°	533.9	537.7	551.6	552.9	561.8	580.8	618.8	664.5	753.3	867.4	1017.0
52.5°	488.2	492.0	500.9	509.8	513.6	528.8	554.2	592.2	658.2	748.2	881.3
55°	442.6	447.6	456.5	462.9	466.7	479.3	494.6	531.3	583.3	646.7	755.8
57.5°	396.9	408.3	410.9	414.7	421.0	435.0	448.9	470.5	511.1	569.4	649.3
60°	353.8	357.6	366.5	370.3	376.6	384.2	402.0	418.5	447.6	493.3	565.6
62.5°	309.4	318.3	322.1	325.9	331.0	339.9	351.3	369.0	394.4	431.2	488.2
65°	271.4	272.6	280.3	285.3	290.4	296.7	308.2	324.6	339.9	374.1	415.9
67.5°	234.6	237.1	239.7	244.7	251.1	257.4	267.6	276.4	295.5	318.3	351.3
70°	199.1	199.1	205.4	209.2	208.0	215.6	223.2	233.3	247.3	268.8	295.5
72.5°	167.4	166.1	171.2	172.5	175.0	180.1	185.1	195.3	202.9	219.4	239.7
75°	133.2	135.7	138.2	138.2	142.0	145.8	150.9	156.0	164.9	175.0	190.2
77.5°	105.3	105.3	107.8	109.1	112.9	111.6	116.7	121.7	128.1	137.0	148.4
80°	77.4	79.9	79.9	79.9	81.2	82.4	87.5	91.3	95.1	101.4	106.5
82.5°	54.5	54.5	57.1	57.1	57.1	59.6	59.6	60.9	63.4	67.2	71.0
85°	34.2	34.2	34.2	35.5	34.2	35.5	38.0	36.8	38.0	40.6	40.6
87.5°	16.5	16.5	16.5	16.5	16.5	17.8	16.5	17.8	19.0	19.0	19.0
90°	18.1	18.1	18.1	17.8	17.6	16.5	17.6	18.1	18.7	18.1	14.8
92.5°	34.1	36.3	36.8	39.0	41.2	47.3	55.5	70.9	84.6	83.5	64.8
95°	63.8	68.1	75.3	81.4	87.4	110.5	144.0	188.5	215.4	190.7	127.0
97.5°	114.3	125.3	146.7	163.2	179.7	235.2	294.6	353.9	351.2	271.5	168.7
100°	222.6	246.2	291.8	325.0	358.3	433.6	501.8	513.3	434.2	299.0	180.3
102.5°	418.8	463.3	513.9	549.6	585.3	635.3	637.5	572.7	436.9	288.5	180.8
105°	650.7	684.8	718.8	727.9	737.0	729.8	667.7	553.4	407.2	274.2	183.6
107.5°	798.0	802.9	803.5	792.5	781.5	727.6	635.3	512.8	379.8	266.5	189.6
110°	838.6	828.2	804.6	782.0	759.5	689.2	590.8	474.8	361.1	264.3	197.3

TEST NUMBER: P1009557

CATALOG NUMBER: S122DIP-B865D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	827.7	808.4	773.2	746.6	719.9	643.5	550.1	448.5	349.0	264.9	205.5
115°	795.8	770.5	731.5	703.2	674.9	602.9	518.2	427.6	340.7	267.1	213.8
117.5°	755.7	728.7	688.6	661.7	634.8	567.7	491.9	413.3	336.3	270.4	222.6
120°	713.9	688.1	649.6	624.6	599.6	541.3	473.2	402.3	332.5	273.7	231.4
122.5°	676.5	651.2	617.7	595.8	573.8	519.3	458.3	392.9	330.3	277.5	239.1
125°	643.0	622.1	590.2	569.6	549.0	500.7	444.1	384.2	327.5	281.4	247.3
127.5°	614.4	594.6	566.6	547.4	528.1	482.0	429.8	375.9	325.9	285.2	255.0
130°	588.6	569.9	543.0	524.8	506.7	463.3	416.0	367.7	324.8	289.6	262.1
132.5°	563.3	544.6	518.2	501.4	484.7	445.7	402.8	361.1	324.2	294.0	269.3
135°	535.8	517.7	494.1	478.7	463.3	427.0	390.7	355.0	323.7	297.3	275.3
137.5°	507.8	491.9	469.3	455.6	441.9	412.2	380.9	350.6	323.7	300.6	280.3
140°	479.2	464.9	447.4	435.3	423.2	397.9	371.5	346.8	323.1	302.8	284.1
142.5°	454.5	441.9	425.4	415.8	406.1	385.3	363.8	342.9	323.1	304.5	287.4
145°	430.3	421.0	407.8	399.8	391.8	374.8	356.7	339.6	322.0	305.6	290.2
147.5°	411.1	403.4	391.8	385.8	379.8	366.0	351.2	336.3	320.4	306.1	291.8
150°	393.5	386.9	378.7	373.8	368.8	357.2	345.1	331.9	318.8	305.6	292.9
152.5°	379.2	373.7	367.7	363.5	359.4	350.1	339.1	328.1	316.0	304.5	293.5
155°	366.6	362.7	356.7	353.6	350.6	342.4	333.6	323.1	312.7	303.4	294.0
157.5°	354.5	351.2	346.8	344.3	341.8	334.7	327.0	318.8	309.4	301.2	294.0
160°	343.5	340.7	336.9	335.0	333.0	327.0	321.0	313.8	306.1	299.5	294.0
162.5°	333.0	331.4	327.5	326.2	324.8	319.9	314.9	309.4	303.4	297.9	293.5
165°	323.1	321.0	318.8	317.7	316.6	312.7	308.9	304.5	299.5	295.7	292.4
167.5°	313.3	312.2	311.1	310.0	308.9	306.1	302.8	299.5	296.2	293.5	291.8
170°	305.6	303.9	303.4	302.8	302.3	300.1	298.4	295.7	293.5	291.8	290.7
172.5°	297.9	297.3	296.8	296.5	296.2	294.6	293.5	291.8	290.2	289.6	289.1
175°	292.4	291.8	291.8	291.6	291.3	290.7	290.2	288.5	288.0	287.4	288.0
177.5°	288.0	288.0	288.0	288.0	288.0	287.4	287.4	286.3	285.8	286.3	287.4
180°	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8

TEST NUMBER: P1009557

CATALOG NUMBER: S122DIP-B865D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8
2.5°	1692.9	1686.6	1682.8	1685.3	1677.7	1658.7	1658.7	1665.0	1657.4	1649.8	1638.4
5°	1739.9	1727.2	1719.6	1718.3	1700.5	1670.1	1663.8	1657.4	1640.9	1623.2	1604.2
7.5°	1785.5	1762.7	1750.0	1741.1	1715.8	1676.4	1660.0	1646.0	1619.4	1592.8	1568.7
10°	1823.5	1790.6	1775.4	1761.4	1728.4	1679.0	1652.4	1627.0	1592.8	1558.5	1528.1
12.5°	1854.0	1815.9	1796.9	1776.6	1736.0	1671.4	1638.4	1597.8	1563.6	1517.9	1487.5
15°	1904.7	1826.1	1808.3	1789.3	1747.5	1658.7	1618.1	1572.5	1525.5	1464.7	1431.7
17.5°	1945.3	1840.0	1838.8	1798.2	1743.7	1653.6	1591.5	1531.9	1481.2	1420.3	1368.3
20°	1969.4	1861.6	1841.3	1799.5	1731.0	1619.4	1554.7	1488.8	1434.2	1360.7	1308.7
22.5°	1989.7	1892.0	1838.8	1788.0	1704.3	1608.0	1512.9	1450.7	1375.9	1296.0	1246.6
25°	1997.3	1898.4	1842.6	1784.2	1685.3	1575.0	1467.2	1400.0	1316.3	1244.0	1176.8
27.5°	1998.5	1897.1	1828.6	1767.8	1658.7	1531.9	1421.6	1350.5	1258.0	1174.3	1107.1
30°	1985.9	1883.2	1821.0	1755.1	1633.3	1492.6	1365.8	1287.1	1188.2	1104.5	1034.8
32.5°	1947.8	1855.3	1804.5	1732.2	1600.4	1438.0	1312.5	1225.0	1121.0	1038.6	971.4
35°	1884.4	1821.0	1765.2	1698.0	1557.2	1387.3	1259.2	1156.5	1051.3	972.6	909.2
37.5°	1805.8	1771.6	1719.6	1653.6	1507.8	1341.7	1199.6	1085.5	980.3	904.2	842.0
40°	1699.3	1708.2	1657.4	1597.8	1449.5	1279.5	1122.3	1013.2	914.3	843.3	782.4
42.5°	1583.9	1620.7	1591.5	1534.4	1384.8	1211.0	1065.2	944.7	848.4	774.8	724.1
45°	1459.6	1523.0	1505.3	1463.4	1317.6	1138.8	984.1	867.4	782.4	711.4	667.0
47.5°	1323.9	1413.9	1413.9	1383.5	1242.8	1066.5	914.3	795.1	711.4	660.7	617.6
50°	1185.7	1287.1	1303.6	1283.3	1159.1	984.1	829.3	721.6	649.3	599.8	568.1
52.5°	1041.1	1159.1	1189.5	1179.3	1070.3	905.4	759.6	654.3	588.4	545.3	517.4
55°	902.9	1039.9	1072.8	1076.6	975.2	819.2	682.2	589.7	526.3	497.1	473.0
57.5°	772.3	904.2	940.9	947.3	878.8	740.6	610.0	528.8	471.7	447.6	428.6
60°	660.7	771.0	819.2	833.2	773.6	649.3	542.8	464.1	421.0	398.2	380.4
62.5°	569.4	658.2	708.9	712.7	686.1	569.4	473.0	407.1	370.3	350.0	341.1
65°	480.6	560.5	590.9	606.2	584.6	493.3	408.3	353.8	324.6	306.9	298.0
67.5°	409.6	460.3	485.7	506.0	484.4	415.9	347.5	303.1	281.5	263.8	258.7
70°	336.1	377.9	396.9	417.2	398.2	346.2	296.7	256.2	237.1	223.2	216.8
72.5°	268.8	301.8	319.6	332.2	320.8	277.7	237.1	209.2	195.3	185.1	181.3
75°	213.0	235.9	246.0	254.9	249.8	216.8	191.5	168.7	156.0	147.1	144.6
77.5°	162.3	178.8	190.2	192.8	186.4	164.9	143.3	129.3	119.2	114.1	111.6
80°	115.4	125.5	131.9	135.7	129.3	120.5	105.3	95.1	86.2	79.9	78.6
82.5°	77.4	82.4	87.5	86.2	83.7	76.1	67.2	62.1	58.3	53.3	53.3
85°	44.4	45.7	48.2	49.5	48.2	43.1	38.0	35.5	33.0	29.2	29.2
87.5°	19.0	20.3	20.3	21.6	19.0	19.0	16.5	13.9	13.9	12.7	11.4
90°	11.0	8.2	7.4	6.6	5.5	4.4	2.2	0.5	2.2	4.4	5.5
92.5°	44.0	29.1	26.1	23.1	18.7	15.9	11.5	8.2	11.5	15.9	18.7
95°	79.1	53.9	47.3	40.7	31.9	26.9	21.4	19.2	21.4	26.9	31.9
97.5°	102.2	69.8	62.4	55.0	45.1	37.9	31.9	28.6	31.9	37.9	45.1
100°	113.2	84.1	76.4	68.7	57.7	48.9	44.0	42.3	44.0	48.9	57.7
102.5°	123.1	96.7	89.0	81.3	69.8	61.0	56.1	55.0	56.1	61.0	69.8
105°	134.6	108.8	101.1	93.4	81.3	73.1	69.2	67.0	69.2	73.1	81.3
107.5°	146.2	120.9	113.2	105.5	93.4	85.7	81.9	80.2	81.9	85.7	93.4
110°	157.7	133.5	125.6	117.6	106.1	98.9	95.6	93.4	95.6	98.9	106.1

TEST NUMBER: P1009557

CATALOG NUMBER: S122DIP-B865D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	168.7	145.6	137.4	129.1	118.2	111.6	107.7	105.5	107.7	111.6	118.2
115°	180.3	156.6	149.2	141.8	130.8	124.2	120.9	118.2	120.9	124.2	130.8
117.5°	190.7	168.7	161.0	153.3	142.9	136.8	133.5	131.3	133.5	136.8	142.9
120°	201.7	180.3	172.6	164.9	153.9	148.9	145.6	143.4	145.6	148.9	153.9
122.5°	212.1	192.4	184.4	176.4	165.4	159.9	156.6	155.0	156.6	159.9	165.4
125°	222.6	202.8	195.1	187.4	176.4	169.8	166.5	164.9	166.5	169.8	176.4
127.5°	232.5	213.2	205.2	197.3	186.9	179.7	175.3	173.1	175.3	179.7	186.9
130°	241.3	222.0	214.3	206.6	195.6	188.0	182.5	180.3	182.5	188.0	195.6
132.5°	249.0	230.8	223.1	215.4	203.9	195.6	189.6	186.9	189.6	195.6	203.9
135°	256.1	238.5	230.8	223.1	210.5	202.2	195.6	193.4	195.6	202.2	210.5
137.5°	262.1	244.6	237.4	230.3	217.6	208.8	202.2	199.5	202.2	208.8	217.6
140°	267.1	250.6	243.4	236.3	224.2	215.4	208.8	206.6	208.8	215.4	224.2
142.5°	270.9	255.0	248.4	241.8	230.3	221.5	215.4	213.8	215.4	221.5	230.3
145°	274.8	259.9	253.9	247.9	236.9	228.6	223.1	220.9	223.1	228.6	236.9
147.5°	278.1	263.8	258.3	252.8	243.5	235.8	230.3	228.6	230.3	235.8	243.5
150°	280.3	267.6	262.6	257.7	249.5	242.4	238.0	236.3	238.0	242.4	249.5
152.5°	282.5	271.5	267.1	262.7	255.0	249.0	244.6	244.0	244.6	249.0	255.0
155°	284.7	275.3	271.2	267.1	261.0	255.0	251.7	251.2	251.7	255.0	261.0
157.5°	286.3	278.1	274.5	270.9	266.0	260.5	257.7	257.2	257.7	260.5	266.0
160°	287.4	280.8	277.8	274.8	270.4	266.0	263.8	263.2	263.8	266.0	270.4
162.5°	288.0	282.5	280.3	278.1	274.2	270.9	268.7	269.3	268.7	270.9	274.2
165°	288.5	283.6	282.0	280.3	277.5	274.2	273.1	273.7	273.1	274.2	277.5
167.5°	288.5	284.7	283.6	282.5	280.3	278.1	277.0	277.5	277.0	278.1	280.3
170°	288.0	285.2	284.4	283.6	282.5	280.8	280.3	281.4	280.3	280.8	282.5
172.5°	287.4	285.8	285.2	284.7	284.1	282.5	283.0	283.6	283.0	282.5	284.1
175°	286.9	285.8	285.5	285.2	285.2	284.1	284.7	285.2	284.7	284.1	285.2
177.5°	286.3	285.8	285.8	285.8	285.8	284.7	285.2	286.3	285.2	284.7	285.8
180°	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8

TEST NUMBER: P1009557

CATALOG NUMBER: S122DIP-B865D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8
2.5°	1632.1	1638.4	1637.1	1624.5	1610.5	1599.1	1577.5	1580.1	1572.5	1573.7	1581.3
5°	1591.5	1591.5	1586.4	1568.7	1545.8	1533.2	1509.1	1502.7	1487.5	1486.2	1485.0
7.5°	1548.4	1542.0	1535.7	1510.3	1482.4	1462.1	1429.2	1421.6	1406.3	1396.2	1391.1
10°	1497.6	1488.8	1476.1	1446.9	1412.7	1387.3	1353.1	1342.9	1313.8	1301.1	1293.5
12.5°	1441.8	1436.8	1416.5	1392.4	1336.6	1308.7	1259.2	1269.4	1240.2	1214.9	1211.0
15°	1386.0	1367.0	1355.6	1316.3	1249.1	1236.4	1197.1	1176.8	1150.2	1129.9	1129.9
17.5°	1331.5	1302.4	1277.0	1235.1	1185.7	1150.2	1121.0	1110.9	1077.9	1057.6	1053.8
20°	1259.2	1226.3	1219.9	1160.3	1126.1	1086.8	1058.9	1033.5	1009.4	1000.5	994.2
22.5°	1190.8	1152.7	1142.6	1091.8	1057.6	1018.3	990.4	972.6	954.9	948.5	937.1
25°	1117.2	1094.4	1079.2	1024.6	986.6	949.8	930.8	918.1	901.6	900.4	892.8
27.5°	1046.2	1024.6	1009.4	957.4	929.5	895.3	880.1	866.1	857.2	853.4	849.6
30°	985.3	961.2	943.5	905.4	871.2	843.3	830.6	821.7	816.7	810.3	809.1
32.5°	918.1	904.2	880.1	850.9	824.3	797.6	790.0	783.7	776.1	773.6	772.3
35°	861.1	842.0	826.8	793.8	782.4	759.6	750.7	745.7	735.5	733.0	730.4
37.5°	805.3	787.5	771.0	750.7	729.2	716.5	711.4	703.8	698.7	700.0	697.5
40°	749.5	735.5	722.8	701.3	688.6	682.2	672.1	664.5	662.0	663.2	662.0
42.5°	694.9	682.2	674.6	658.2	645.5	639.1	632.8	625.2	629.0	629.0	632.8
45°	645.5	634.1	629.0	616.3	608.7	598.6	592.2	590.9	596.0	594.7	594.7
47.5°	594.7	590.9	584.6	573.2	563.0	556.7	555.4	555.4	560.5	563.0	561.8
50°	555.4	547.8	540.2	531.3	523.7	521.2	517.4	519.9	525.0	525.0	527.5
52.5°	506.0	500.9	498.4	490.8	485.7	485.7	485.7	487.0	490.8	494.6	493.3
55°	462.9	459.1	456.5	452.7	446.4	447.6	446.4	448.9	452.7	456.5	459.1
57.5°	417.2	415.9	413.4	407.1	407.1	405.8	409.6	410.9	417.2	419.7	423.6
60°	376.6	372.8	372.8	367.8	367.8	367.8	371.6	375.4	380.4	381.7	384.2
62.5°	333.5	333.5	332.2	328.4	328.4	332.2	333.5	338.6	341.1	341.1	344.9
65°	292.9	291.7	290.4	291.7	292.9	292.9	296.7	299.3	301.8	303.1	304.3
67.5°	252.4	251.1	253.6	252.4	254.9	260.0	258.7	262.5	266.3	266.3	267.6
70°	214.3	216.8	215.6	218.1	216.8	219.4	223.2	224.5	224.5	225.7	229.5
72.5°	178.8	178.8	178.8	177.5	178.8	181.3	183.9	185.1	187.7	188.9	192.8
75°	144.6	144.6	142.0	144.6	144.6	147.1	149.6	149.6	149.6	152.2	156.0
77.5°	109.1	110.3	109.1	111.6	111.6	112.9	115.4	114.1	116.7	117.9	119.2
80°	79.9	78.6	78.6	78.6	79.9	79.9	82.4	83.7	83.7	87.5	85.0
82.5°	50.7	52.0	50.7	52.0	52.0	53.3	52.0	53.3	54.5	57.1	55.8
85°	29.2	27.9	27.9	29.2	27.9	27.9	29.2	27.9	29.2	27.9	29.2
87.5°	11.4	10.1	10.1	10.1	10.1	8.9	8.9	7.6	7.6	7.6	6.3
90°	6.6	7.4	8.2	11.0	14.8	18.1	18.7	18.1	17.6	16.5	17.6
92.5°	23.1	26.1	29.1	44.0	64.8	83.5	84.6	70.9	55.5	47.3	41.2
95°	40.7	47.3	53.9	79.1	127.0	190.7	215.4	188.5	144.0	110.5	87.4
97.5°	55.0	62.4	69.8	102.2	168.7	271.5	351.2	353.9	294.6	235.2	179.7
100°	68.7	76.4	84.1	113.2	180.3	299.0	434.2	513.3	501.8	433.6	358.3
102.5°	81.3	89.0	96.7	123.1	180.8	288.5	436.9	572.7	637.5	635.3	585.3
105°	93.4	101.1	108.8	134.6	183.6	274.2	407.2	553.4	667.7	729.8	737.0
107.5°	105.5	113.2	120.9	146.2	189.6	266.5	379.8	512.8	635.3	727.6	781.5
110°	117.6	125.6	133.5	157.7	197.3	264.3	361.1	474.8	590.8	689.2	759.5

TEST NUMBER: P1009557

CATALOG NUMBER: S122DIP-B865D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	129.1	137.4	145.6	168.7	205.5	264.9	349.0	448.5	550.1	643.5	719.9
115°	141.8	149.2	156.6	180.3	213.8	267.1	340.7	427.6	518.2	602.9	674.9
117.5°	153.3	161.0	168.7	190.7	222.6	270.4	336.3	413.3	491.9	567.7	634.8
120°	164.9	172.6	180.3	201.7	231.4	273.7	332.5	402.3	473.2	541.3	599.6
122.5°	176.4	184.4	192.4	212.1	239.1	277.5	330.3	392.9	458.3	519.3	573.8
125°	187.4	195.1	202.8	222.6	247.3	281.4	327.5	384.2	444.1	500.7	549.0
127.5°	197.3	205.2	213.2	232.5	255.0	285.2	325.9	375.9	429.8	482.0	528.1
130°	206.6	214.3	222.0	241.3	262.1	289.6	324.8	367.7	416.0	463.3	506.7
132.5°	215.4	223.1	230.8	249.0	269.3	294.0	324.2	361.1	402.8	445.7	484.7
135°	223.1	230.8	238.5	256.1	275.3	297.3	323.7	355.0	390.7	427.0	463.3
137.5°	230.3	237.4	244.6	262.1	280.3	300.6	323.7	350.6	380.9	412.2	441.9
140°	236.3	243.4	250.6	267.1	284.1	302.8	323.1	346.8	371.5	397.9	423.2
142.5°	241.8	248.4	255.0	270.9	287.4	304.5	323.1	342.9	363.8	385.3	406.1
145°	247.9	253.9	259.9	274.8	290.2	305.6	322.0	339.6	356.7	374.8	391.8
147.5°	252.8	258.3	263.8	278.1	291.8	306.1	320.4	336.3	351.2	366.0	379.8
150°	257.7	262.6	267.6	280.3	292.9	305.6	318.8	331.9	345.1	357.2	368.8
152.5°	262.7	267.1	271.5	282.5	293.5	304.5	316.0	328.1	339.1	350.1	359.4
155°	267.1	271.2	275.3	284.7	294.0	303.4	312.7	323.1	333.6	342.4	350.6
157.5°	270.9	274.5	278.1	286.3	294.0	301.2	309.4	318.8	327.0	334.7	341.8
160°	274.8	277.8	280.8	287.4	294.0	299.5	306.1	313.8	321.0	327.0	333.0
162.5°	278.1	280.3	282.5	288.0	293.5	297.9	303.4	309.4	314.9	319.9	324.8
165°	280.3	282.0	283.6	288.5	292.4	295.7	299.5	304.5	308.9	312.7	316.6
167.5°	282.5	283.6	284.7	288.5	291.8	293.5	296.2	299.5	302.8	306.1	308.9
170°	283.6	284.4	285.2	288.0	290.7	291.8	293.5	295.7	298.4	300.1	302.3
172.5°	284.7	285.2	285.8	287.4	289.1	289.6	290.2	291.8	293.5	294.6	296.2
175°	285.2	285.5	285.8	286.9	288.0	287.4	288.0	288.5	290.2	290.7	291.3
177.5°	285.8	285.8	285.8	286.3	287.4	286.3	285.8	286.3	287.4	287.4	288.0
180°	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8

TEST NUMBER: P1009557

CATALOG NUMBER: S122DIP-B865D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8
2.5°	1572.5	1576.3	1567.4	1564.9	1567.4	1558.5	1561.0	1563.6	1563.6	1567.4	1569.9
5°	1481.2	1476.1	1467.2	1464.7	1462.1	1465.9	1463.4	1467.2	1468.5	1477.4	1478.6
7.5°	1391.1	1383.5	1375.9	1368.3	1365.8	1359.4	1365.8	1365.8	1374.6	1372.1	1378.4
10°	1284.6	1283.3	1273.2	1269.4	1264.3	1254.2	1268.1	1264.3	1270.7	1282.1	1284.6
12.5°	1206.0	1192.0	1198.4	1180.6	1187.0	1176.8	1178.1	1178.1	1188.2	1189.5	1187.0
15°	1131.2	1119.7	1103.3	1095.7	1091.8	1086.8	1103.3	1104.5	1096.9	1114.7	1108.3
17.5°	1055.1	1055.1	1039.9	1036.0	1025.9	1031.0	1028.4	1029.7	1027.2	1039.9	1046.2
20°	989.1	982.8	977.7	979.0	966.3	963.8	961.2	963.8	972.6	981.5	984.1
22.5°	935.9	932.1	919.4	921.9	911.8	915.6	913.0	919.4	920.7	920.7	929.5
25°	885.1	880.1	881.3	876.3	872.5	872.5	868.7	872.5	877.5	880.1	881.3
27.5°	847.1	843.3	837.0	833.2	835.7	829.3	834.4	838.2	838.2	835.7	838.2
30°	801.4	804.0	804.0	791.3	796.4	793.8	797.6	800.2	800.2	801.4	798.9
32.5°	771.0	763.4	762.1	760.9	760.9	755.8	755.8	759.6	760.9	762.1	765.9
35°	730.4	730.4	724.1	727.9	722.8	724.1	722.8	724.1	726.6	722.8	726.6
37.5°	693.7	694.9	692.4	694.9	696.2	693.7	691.1	696.2	693.7	693.7	691.1
40°	662.0	660.7	662.0	662.0	662.0	663.2	660.7	660.7	660.7	658.2	655.6
42.5°	635.3	627.7	630.3	631.5	627.7	627.7	629.0	627.7	631.5	623.9	623.9
45°	597.3	594.7	596.0	596.0	598.6	594.7	597.3	598.6	594.7	593.5	590.9
47.5°	563.0	565.6	563.0	565.6	565.6	568.1	563.0	564.3	565.6	560.5	556.7
50°	528.8	528.8	532.6	531.3	532.6	530.1	530.1	528.8	530.1	527.5	523.7
52.5°	497.1	493.3	499.6	498.4	497.1	495.8	494.6	495.8	493.3	490.8	490.8
55°	457.8	457.8	461.6	462.9	462.9	460.3	457.8	459.1	457.8	456.5	455.3
57.5°	426.1	421.0	423.6	424.8	424.8	421.0	423.6	421.0	421.0	422.3	418.5
60°	385.5	385.5	383.0	386.8	386.8	384.2	384.2	385.5	383.0	381.7	380.4
62.5°	342.4	343.7	347.5	348.7	350.0	347.5	344.9	346.2	346.2	342.4	343.7
65°	305.6	308.2	313.2	312.0	309.4	310.7	308.2	309.4	305.6	306.9	303.1
67.5°	270.1	268.8	270.1	270.1	272.6	271.4	268.8	268.8	267.6	271.4	267.6
70°	232.1	232.1	232.1	232.1	233.3	234.6	232.1	229.5	230.8	228.3	227.0
72.5°	192.8	194.0	192.8	195.3	191.5	194.0	194.0	192.8	191.5	191.5	191.5
75°	156.0	158.5	154.7	156.0	154.7	157.2	156.0	156.0	153.4	152.2	153.4
77.5°	119.2	120.5	117.9	119.2	117.9	119.2	119.2	117.9	117.9	117.9	117.9
80°	85.0	86.2	85.0	83.7	82.4	85.0	82.4	83.7	85.0	83.7	86.2
82.5°	54.5	54.5	53.3	54.5	52.0	52.0	53.3	53.3	52.0	54.5	52.0
85°	26.6	26.6	29.2	26.6	25.4	25.4	25.4	26.6	25.4	27.9	26.6
87.5°	6.3	5.1	6.3	6.3	5.1	5.1	6.3	5.1	6.3	7.6	5.1
90°	17.8	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	17.8
92.5°	39.0	36.8	36.3	34.1	34.6	33.5	34.6	34.1	36.3	36.8	39.0
95°	81.4	75.3	68.1	63.8	62.1	62.7	62.1	63.8	68.1	75.3	81.4
97.5°	163.2	146.7	125.3	114.3	108.3	105.0	108.3	114.3	125.3	146.7	163.2
100°	325.0	291.8	246.2	222.6	206.6	196.7	206.6	222.6	246.2	291.8	325.0
102.5°	549.6	513.9	463.3	418.8	397.9	383.6	397.9	418.8	463.3	513.9	549.6
105°	727.9	718.8	684.8	650.7	627.1	619.4	627.1	650.7	684.8	718.8	727.9
107.5°	792.5	803.5	802.9	798.0	790.8	778.2	790.8	798.0	802.9	803.5	792.5
110°	782.0	804.6	828.2	838.6	843.6	843.0	843.6	838.6	828.2	804.6	782.0

TEST NUMBER: P1009557

CATALOG NUMBER: S122DIP-B865D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	746.6	773.2	808.4	827.7	838.1	841.9	838.1	827.7	808.4	773.2	746.6
115°	703.2	731.5	770.5	795.8	810.1	815.0	810.1	795.8	770.5	731.5	703.2
117.5°	661.7	688.6	728.7	755.7	770.5	774.3	770.5	755.7	728.7	688.6	661.7
120°	624.6	649.6	688.1	713.9	729.8	735.3	729.8	713.9	688.1	649.6	624.6
122.5°	595.8	617.7	651.2	676.5	690.3	694.7	690.3	676.5	651.2	617.7	595.8
125°	569.6	590.2	622.1	643.0	656.7	661.1	656.7	643.0	622.1	590.2	569.6
127.5°	547.4	566.6	594.6	614.4	626.5	629.8	626.5	614.4	594.6	566.6	547.4
130°	524.8	543.0	569.9	588.6	599.6	604.0	599.6	588.6	569.9	543.0	524.8
132.5°	501.4	518.2	544.6	563.3	573.2	577.1	573.2	563.3	544.6	518.2	501.4
135°	478.7	494.1	517.7	535.8	545.7	547.9	545.7	535.8	517.7	494.1	478.7
137.5°	455.6	469.3	491.9	507.8	516.6	519.9	516.6	507.8	491.9	469.3	455.6
140°	435.3	447.4	464.9	479.2	487.5	490.8	487.5	479.2	464.9	447.4	435.3
142.5°	415.8	425.4	441.9	454.5	461.6	461.6	461.6	454.5	441.9	425.4	415.8
145°	399.8	407.8	421.0	430.3	435.8	437.5	435.8	430.3	421.0	407.8	399.8
147.5°	385.8	391.8	403.4	411.1	414.9	416.0	414.9	411.1	403.4	391.8	385.8
150°	373.8	378.7	386.9	393.5	396.8	397.3	396.8	393.5	386.9	378.7	373.8
152.5°	363.5	367.7	373.7	379.2	381.4	381.4	381.4	379.2	373.7	367.7	363.5
155°	353.6	356.7	362.7	366.6	368.8	367.7	368.8	366.6	362.7	356.7	353.6
157.5°	344.3	346.8	351.2	354.5	355.6	355.6	355.6	354.5	351.2	346.8	344.3
160°	335.0	336.9	340.7	343.5	344.0	344.0	344.0	343.5	340.7	336.9	335.0
162.5°	326.2	327.5	331.4	333.0	333.6	333.0	333.6	333.0	331.4	327.5	326.2
165°	317.7	318.8	321.0	323.1	323.1	322.6	323.1	323.1	321.0	318.8	317.7
167.5°	310.0	311.1	312.2	313.3	313.3	312.7	313.3	313.3	312.2	311.1	310.0
170°	302.8	303.4	303.9	305.6	305.0	303.9	305.0	305.6	303.9	303.4	302.8
172.5°	296.5	296.8	297.3	297.9	297.3	296.8	297.3	297.9	297.3	296.8	296.5
175°	291.6	291.8	291.8	292.4	291.8	290.7	291.8	292.4	291.8	291.8	291.6
177.5°	288.0	288.0	288.0	288.0	287.4	286.3	287.4	288.0	288.0	288.0	288.0
180°	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8

TEST NUMBER: P1009557

CATALOG NUMBER: S122DIP-B865D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8	1649.8
2.5°	1566.1	1576.3	1572.5	1558.5	1575.0	1575.0	1586.4	1586.4	1600.4	1605.4	1613.0
5°	1477.4	1485.0	1491.3	1485.0	1496.4	1514.1	1524.3	1533.2	1552.2	1559.8	1571.2
7.5°	1382.2	1396.2	1402.5	1402.5	1421.6	1441.8	1462.1	1474.8	1501.4	1511.6	1523.0
10°	1289.7	1306.2	1318.8	1317.6	1349.3	1362.0	1387.3	1416.5	1443.1	1458.3	1474.8
12.5°	1192.0	1200.9	1218.7	1244.0	1251.6	1274.5	1303.6	1340.4	1388.6	1402.5	1426.6
15°	1110.9	1135.0	1148.9	1160.3	1178.1	1199.6	1231.3	1266.8	1315.0	1345.5	1370.8
17.5°	1042.4	1074.1	1083.0	1080.4	1103.3	1136.2	1173.0	1199.6	1242.8	1279.5	1303.6
20°	986.6	999.3	1014.5	1020.8	1038.6	1074.1	1109.6	1140.0	1175.5	1204.7	1232.6
22.5°	930.8	940.9	953.6	965.0	979.0	999.3	1033.5	1071.6	1105.8	1133.7	1165.4
25°	885.1	891.5	902.9	911.8	927.0	940.9	965.0	1006.9	1047.5	1063.9	1091.8
27.5°	840.8	845.8	853.4	863.6	871.2	885.1	906.7	940.9	982.8	999.3	1037.3
30°	801.4	805.3	812.9	817.9	821.7	838.2	854.7	881.3	913.0	935.9	963.8
32.5°	764.7	768.5	776.1	777.4	782.4	791.3	806.5	830.6	858.5	877.5	901.6
35°	724.1	726.6	734.2	736.8	740.6	748.2	759.6	777.4	802.7	816.7	838.2
37.5°	692.4	691.1	696.2	700.0	705.1	708.9	712.7	730.4	749.5	762.1	778.6
40°	658.2	655.6	656.9	662.0	664.5	669.6	669.6	687.3	700.0	710.1	722.8
42.5°	623.9	622.6	620.1	622.6	625.2	626.4	627.7	640.4	653.1	662.0	675.9
45°	589.7	588.4	585.9	587.1	587.1	589.7	593.5	598.6	607.4	615.0	622.6
47.5°	558.0	555.4	551.6	550.4	552.9	552.9	552.9	558.0	566.8	569.4	577.0
50°	525.0	521.2	516.1	513.6	513.6	512.3	514.9	516.1	523.7	526.3	532.6
52.5°	489.5	487.0	481.9	476.8	478.1	475.5	476.8	478.1	480.6	484.4	488.2
55°	454.0	448.9	445.1	443.8	440.0	440.0	436.2	441.3	440.0	441.3	446.4
57.5°	419.7	414.7	408.3	405.8	402.0	400.7	398.2	396.9	398.2	402.0	405.8
60°	379.2	376.6	372.8	369.0	366.5	362.7	360.1	360.1	358.9	358.9	360.1
62.5°	339.9	338.6	333.5	332.2	329.7	327.2	323.4	320.8	320.8	323.4	324.6
65°	301.8	300.5	296.7	295.5	289.1	286.6	285.3	284.1	281.5	281.5	281.5
67.5°	266.3	262.5	262.5	256.2	251.1	248.6	246.0	244.7	244.7	244.7	246.0
70°	227.0	227.0	223.2	219.4	214.3	215.6	211.8	208.0	208.0	205.4	206.7
72.5°	188.9	187.7	183.9	182.6	178.8	175.0	172.5	175.0	171.2	169.9	171.2
75°	152.2	150.9	148.4	145.8	147.1	143.3	139.5	138.2	138.2	135.7	135.7
77.5°	116.7	119.2	114.1	112.9	110.3	107.8	106.5	105.3	105.3	105.3	107.8
80°	81.2	82.4	82.4	79.9	81.2	77.4	77.4	77.4	73.6	74.8	76.1
82.5°	52.0	52.0	50.7	52.0	50.7	50.7	49.5	49.5	48.2	48.2	49.5
85°	29.2	27.9	26.6	29.2	27.9	27.9	26.6	26.6	26.6	26.6	26.6
87.5°	6.3	7.6	7.6	7.6	7.6	8.9	8.9	8.9	10.1	10.1	10.1
90°	17.6	16.5	17.6	18.1	18.7	18.1	14.8	11.0	8.2	7.4	6.6
92.5°	41.2	47.3	55.5	70.9	84.6	83.5	64.8	44.0	29.1	26.1	23.1
95°	87.4	110.5	144.0	188.5	215.4	190.7	127.0	79.1	53.9	47.3	40.7
97.5°	179.7	235.2	294.6	353.9	351.2	271.5	168.7	102.2	69.8	62.4	55.0
100°	358.3	433.6	501.8	513.3	434.2	299.0	180.3	113.2	84.1	76.4	68.7
102.5°	585.3	635.3	637.5	572.7	436.9	288.5	180.8	123.1	96.7	89.0	81.3
105°	737.0	729.8	667.7	553.4	407.2	274.2	183.6	134.6	108.8	101.1	93.4
107.5°	781.5	727.6	635.3	512.8	379.8	266.5	189.6	146.2	120.9	113.2	105.5
110°	759.5	689.2	590.8	474.8	361.1	264.3	197.3	157.7	133.5	125.6	117.6

TEST NUMBER: P1009557

CATALOG NUMBER: S122DIP-B865D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	719.9	643.5	550.1	448.5	349.0	264.9	205.5	168.7	145.6	137.4	129.1
115°	674.9	602.9	518.2	427.6	340.7	267.1	213.8	180.3	156.6	149.2	141.8
117.5°	634.8	567.7	491.9	413.3	336.3	270.4	222.6	190.7	168.7	161.0	153.3
120°	599.6	541.3	473.2	402.3	332.5	273.7	231.4	201.7	180.3	172.6	164.9
122.5°	573.8	519.3	458.3	392.9	330.3	277.5	239.1	212.1	192.4	184.4	176.4
125°	549.0	500.7	444.1	384.2	327.5	281.4	247.3	222.6	202.8	195.1	187.4
127.5°	528.1	482.0	429.8	375.9	325.9	285.2	255.0	232.5	213.2	205.2	197.3
130°	506.7	463.3	416.0	367.7	324.8	289.6	262.1	241.3	222.0	214.3	206.6
132.5°	484.7	445.7	402.8	361.1	324.2	294.0	269.3	249.0	230.8	223.1	215.4
135°	463.3	427.0	390.7	355.0	323.7	297.3	275.3	256.1	238.5	230.8	223.1
137.5°	441.9	412.2	380.9	350.6	323.7	300.6	280.3	262.1	244.6	237.4	230.3
140°	423.2	397.9	371.5	346.8	323.1	302.8	284.1	267.1	250.6	243.4	236.3
142.5°	406.1	385.3	363.8	342.9	323.1	304.5	287.4	270.9	255.0	248.4	241.8
145°	391.8	374.8	356.7	339.6	322.0	305.6	290.2	274.8	259.9	253.9	247.9
147.5°	379.8	366.0	351.2	336.3	320.4	306.1	291.8	278.1	263.8	258.3	252.8
150°	368.8	357.2	345.1	331.9	318.8	305.6	292.9	280.3	267.6	262.6	257.7
152.5°	359.4	350.1	339.1	328.1	316.0	304.5	293.5	282.5	271.5	267.1	262.7
155°	350.6	342.4	333.6	323.1	312.7	303.4	294.0	284.7	275.3	271.2	267.1
157.5°	341.8	334.7	327.0	318.8	309.4	301.2	294.0	286.3	278.1	274.5	270.9
160°	333.0	327.0	321.0	313.8	306.1	299.5	294.0	287.4	280.8	277.8	274.8
162.5°	324.8	319.9	314.9	309.4	303.4	297.9	293.5	288.0	282.5	280.3	278.1
165°	316.6	312.7	308.9	304.5	299.5	295.7	292.4	288.5	283.6	282.0	280.3
167.5°	308.9	306.1	302.8	299.5	296.2	293.5	291.8	288.5	284.7	283.6	282.5
170°	302.3	300.1	298.4	295.7	293.5	291.8	290.7	288.0	285.2	284.4	283.6
172.5°	296.2	294.6	293.5	291.8	290.2	289.6	289.1	287.4	285.8	285.2	284.7
175°	291.3	290.7	290.2	288.5	288.0	287.4	288.0	286.9	285.8	285.5	285.2
177.5°	288.0	287.4	287.4	286.3	285.8	286.3	287.4	286.3	285.8	285.8	285.8
180°	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8

TEST NUMBER: P1009557

CATALOG NUMBER: S122DIP-B865D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1649.8	1649.8	1649.8	1649.8
2.5°	1619.4	1619.4	1638.4	1658.7
5°	1583.9	1592.8	1623.2	1651.1
7.5°	1549.6	1564.9	1602.9	1638.4
10°	1507.8	1528.1	1575.0	1616.8
12.5°	1467.2	1486.2	1540.8	1587.7
15°	1410.1	1434.2	1492.6	1550.9
17.5°	1353.1	1377.2	1448.2	1516.7
20°	1285.9	1317.6	1397.5	1488.8
22.5°	1223.7	1263.0	1351.8	1425.4
25°	1155.3	1216.1	1298.5	1393.7
27.5°	1094.4	1155.3	1238.9	1335.3
30°	1025.9	1088.0	1174.3	1263.0
32.5°	960.0	1017.0	1100.7	1209.8
35°	891.5	946.0	1027.2	1137.5
37.5°	829.3	882.6	971.4	1072.8
40°	768.5	824.3	900.4	1001.8
42.5°	711.4	760.9	829.3	930.8
45°	659.4	694.9	758.3	853.4
47.5°	604.9	636.6	694.9	790.0
50°	554.2	580.8	631.5	720.3
52.5°	504.7	527.5	574.5	645.5
55°	460.3	481.9	516.1	585.9
57.5°	414.7	431.2	464.1	519.9
60°	370.3	385.5	412.1	457.8
62.5°	325.9	338.6	363.9	400.7
65°	286.6	296.7	315.8	347.5
67.5°	248.6	254.9	270.1	295.5
70°	211.8	216.8	229.5	249.8
72.5°	172.5	177.5	191.5	205.4
75°	139.5	140.8	150.9	162.3
77.5°	109.1	107.8	115.4	124.3
80°	74.8	78.6	85.0	88.8
82.5°	50.7	52.0	54.5	57.1
85°	27.9	29.2	29.2	33.0
87.5°	11.4	12.7	12.7	13.9
90°	5.5	4.4	2.2	0.5
92.5°	18.7	15.9	11.5	8.2
95°	31.9	26.9	21.4	19.2
97.5°	45.1	37.9	31.9	28.6
100°	57.7	48.9	44.0	42.3
102.5°	69.8	61.0	56.1	55.0
105°	81.3	73.1	69.2	67.0
107.5°	93.4	85.7	81.9	80.2
110°	106.1	98.9	95.6	93.4

TEST NUMBER: P1009557

CATALOG NUMBER: S122DIP-B865D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	118.2	111.6	107.7	105.5
115°	130.8	124.2	120.9	118.2
117.5°	142.9	136.8	133.5	131.3
120°	153.9	148.9	145.6	143.4
122.5°	165.4	159.9	156.6	155.0
125°	176.4	169.8	166.5	164.9
127.5°	186.9	179.7	175.3	173.1
130°	195.6	188.0	182.5	180.3
132.5°	203.9	195.6	189.6	186.9
135°	210.5	202.2	195.6	193.4
137.5°	217.6	208.8	202.2	199.5
140°	224.2	215.4	208.8	206.6
142.5°	230.3	221.5	215.4	213.8
145°	236.9	228.6	223.1	220.9
147.5°	243.5	235.8	230.3	228.6
150°	249.5	242.4	238.0	236.3
152.5°	255.0	249.0	244.6	244.0
155°	261.0	255.0	251.7	251.2
157.5°	266.0	260.5	257.7	257.2
160°	270.4	266.0	263.8	263.2
162.5°	274.2	270.9	268.7	269.3
165°	277.5	274.2	273.1	273.7
167.5°	280.3	278.1	277.0	277.5
170°	282.5	280.8	280.3	281.4
172.5°	284.1	282.5	283.0	283.6
175°	285.2	284.1	284.7	285.2
177.5°	285.8	284.7	285.2	286.3
180°	285.8	285.8	285.8	285.8

(END OF REPORT)