

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: P1009503

Luminaire Tested: S122DIP-B865D330UB40-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1009503
REPORT IS A COMBINATION OF REPORTS P984822 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIP-B865D330UB40-4F0-XX-W2A-A4
Description: Define 2 Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

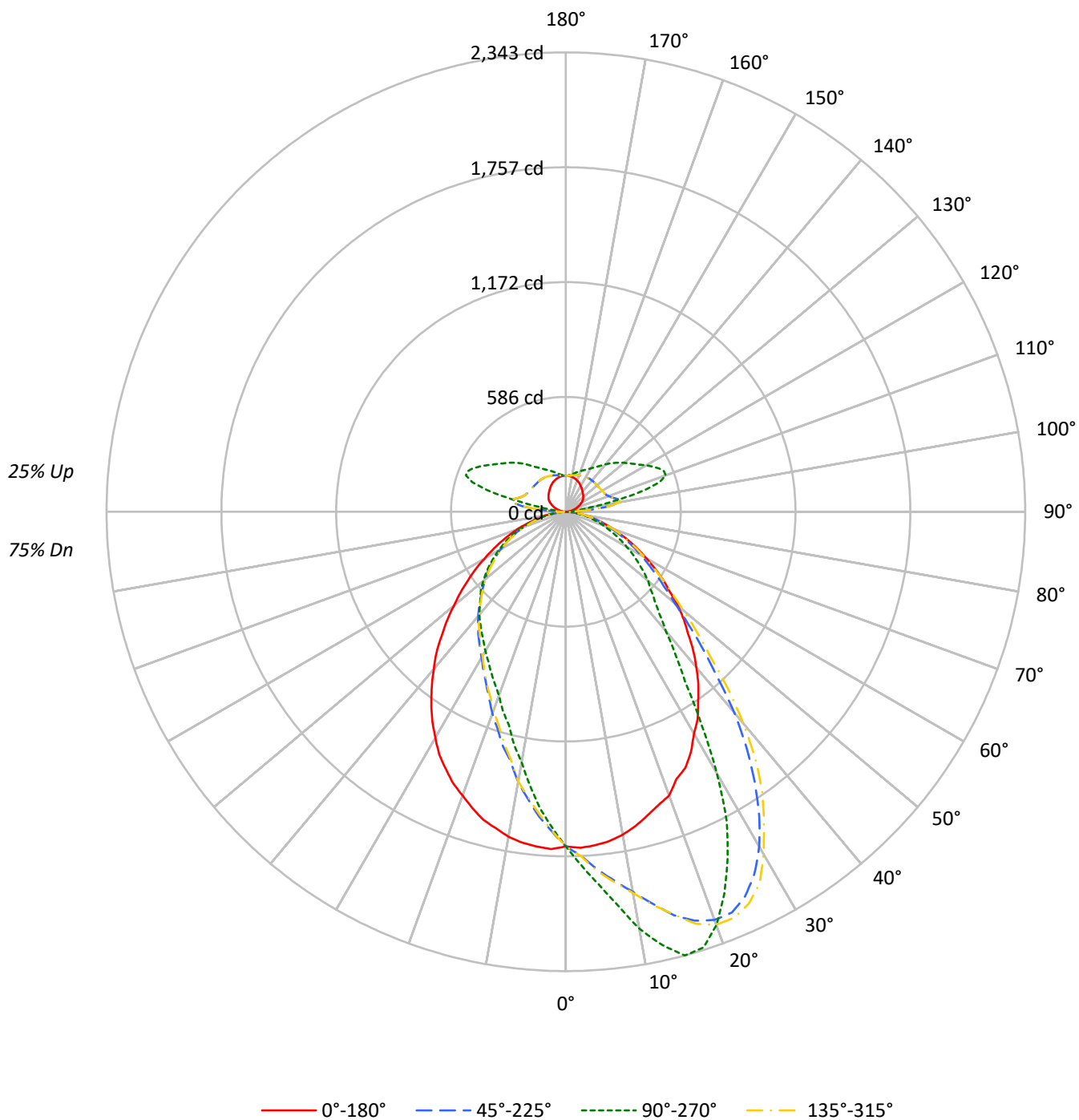
Lumens per Lamp: N/A
Luminaire Lumens: 5046.0 lumens
Efficiency: N/A
Efficacy: 89.9 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 56.1
Input Voltage (V):
Input Current (A_{in}): 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	107	107	107	107	97	97	97	87	87	87	79	79	79
1	104	100	96	93	99	95	92	89	86	84	81	78	76	74	71	69	68
2	95	88	82	77	90	84	79	74	77	72	69	70	66	63	63	61	58
3	87	78	71	65	83	75	68	63	68	63	59	62	58	55	57	53	51
4	81	70	62	56	76	67	60	54	61	55	51	56	51	47	51	47	44
5	74	63	55	49	71	60	53	47	55	49	44	51	46	42	46	42	39
6	69	57	49	43	65	54	47	42	50	44	39	46	41	37	42	38	35
7	64	52	44	38	61	50	42	37	46	40	35	42	37	33	39	35	31
8	60	47	39	34	57	45	38	33	42	36	32	39	34	30	36	32	28
9	56	43	36	31	53	42	35	30	39	33	29	36	31	27	33	29	26
10	52	40	33	28	50	39	32	27	36	30	26	33	28	25	31	27	24

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	27013	27013	27013	27013
5°	27077	28801	27180	22914
10°	26763	31441	26931	18891
15°	26114	33163	26477	15913
20°	25706	31139	25706	13832
25°	24887	26752	25001	12368
30°	23539	21029	23987	11203
35°	22345	14541	22718	10251
40°	20972	10979	21211	9491
45°	19278	9022	19595	8671
50°	17816	7919	17847	7938
55°	16148	6748	16251	7141
60°	14368	5636	14568	6232
65°	12776	4584	13011	5323
70°	11191	3597	11476	4294
75°	9392	2611	9762	3112
80°	7329	1655	7856	1848
85°	4817	832	5184	616

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 27922 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	162.5	3.2
10°-20°	473.1	9.4
20°-30°	686.6	13.6
30°-40°	723.8	14.3
40°-50°	640.5	12.7
50°-60°	511.4	10.1
60°-70°	347.4	6.9
70°-80°	177.7	3.5
80°-90°	43.2	0.9
90°-100°	71.6	1.4
100°-110°	252.3	5.0
110°-120°	265.0	5.3
120°-130°	218.0	4.3
130°-140°	175.1	3.5
140°-150°	132.3	2.6
150°-160°	93.0	1.8
160°-170°	54.7	1.1
170°-180°	17.8	0.4
0°-30°	1322.2	26.2
0°-40°	2046.0	40.5
0°-60°	3197.9	63.4
0°-90°	3766.2	74.6
90°-120°	588.9	11.7
90°-150°	1114.3	22.1
90°-180°	1280.0	25.4
0°-180°	5046.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1706	1706	1706	1706	1706	
5°	1708	1906	1714	1516	1708	162
15°	1604	2343	1626	1124	1604	453
25°	1442	1952	1448	902	1442	659
35°	1177	1062	1196	749	1177	736
45°	883	640	897	615	883	685
55°	606	450	610	476	606	541
65°	359	277	366	321	359	357
75°	168	136	174	163	168	180
85°	34	35	37	26	34	40
90°	0	12	0	12	0	3
95°	12	40	12	40	12	13
105°	43	398	43	398	43	46
115°	76	524	76	524	76	75
125°	106	425	106	425	106	94
135°	124	352	124	352	124	96
145°	142	281	142	281	142	89
155°	162	236	162	236	162	74
165°	176	208	176	208	176	50
175°	183	187	183	187	183	17
180°	184	184	184	184	184	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5
2.5°	1715.7	1719.6	1726.1	1727.5	1740.6	1751.1	1762.9	1762.9	1766.8	1765.5	1755.0
5°	1707.8	1719.6	1736.6	1751.1	1774.7	1785.2	1800.9	1812.7	1823.2	1831.1	1829.8
7.5°	1694.7	1715.7	1740.6	1768.1	1799.6	1818.0	1840.3	1861.2	1875.7	1888.8	1898.0
10°	1672.4	1707.8	1741.9	1778.6	1819.3	1844.2	1870.4	1898.0	1920.3	1945.2	1968.8
12.5°	1642.2	1693.4	1735.3	1783.9	1833.7	1861.2	1903.2	1924.2	1967.5	2030.5	2047.5
15°	1604.2	1673.7	1713.0	1774.7	1840.3	1862.6	1920.3	1954.4	2043.6	2082.9	2130.1
17.5°	1568.7	1646.1	1698.6	1769.4	1833.7	1877.0	1933.4	2002.9	2077.7	2134.1	2186.5
20°	1539.9	1614.7	1677.6	1756.3	1837.6	1892.7	1951.8	2035.7	2117.0	2174.7	2215.4
22.5°	1474.3	1570.1	1643.5	1731.4	1829.8	1905.8	1962.2	2054.1	2141.9	2177.4	2212.8
25°	1441.5	1524.2	1609.4	1709.1	1824.5	1915.0	1963.6	2065.9	2143.3	2156.4	2164.2
27.5°	1381.2	1474.3	1574.0	1688.1	1823.2	1899.3	1960.9	2054.1	2115.7	2106.5	2082.9
30°	1306.4	1420.5	1530.7	1654.0	1804.8	1887.5	1945.2	2030.5	2061.9	2014.7	1972.7
32.5°	1251.3	1358.9	1480.9	1623.8	1783.9	1862.6	1919.0	1985.9	1992.4	1907.2	1836.3
35°	1176.6	1295.9	1433.6	1584.5	1748.4	1819.3	1871.7	1912.4	1880.9	1761.6	1677.6
37.5°	1109.7	1227.7	1374.6	1528.1	1699.9	1769.4	1811.4	1818.0	1740.6	1635.6	1512.3
40°	1036.2	1158.2	1311.7	1473.0	1646.1	1706.5	1732.7	1713.0	1601.5	1479.6	1336.6
42.5°	962.8	1083.4	1248.7	1414.0	1577.9	1629.1	1639.6	1585.8	1449.4	1306.4	1141.1
45°	882.7	1008.7	1173.9	1340.5	1499.2	1528.1	1529.4	1452.0	1290.7	1141.1	987.7
47.5°	817.2	933.9	1097.9	1264.4	1398.2	1417.9	1410.0	1320.8	1145.1	977.2	843.4
50°	745.0	856.5	1019.2	1183.1	1297.2	1302.5	1282.8	1155.6	983.7	830.3	724.0
52.5°	667.6	780.4	930.0	1087.4	1189.7	1181.8	1143.8	1007.4	846.0	718.8	637.5
55°	606.0	705.7	846.0	999.5	1071.6	1049.3	1007.4	868.3	741.1	633.5	562.7
57.5°	537.8	625.7	763.4	897.2	939.2	918.2	876.2	746.3	628.3	547.0	499.7
60°	473.5	553.5	674.2	785.7	818.5	796.2	747.6	630.9	545.7	477.4	442.0
62.5°	414.5	484.0	585.0	687.3	700.4	678.1	636.2	541.7	468.3	414.5	388.3
65°	359.4	425.0	506.3	583.7	595.5	571.9	528.6	460.4	398.7	364.6	339.7
67.5°	305.6	358.1	430.2	486.6	493.2	470.9	435.5	380.4	342.3	305.6	287.3
70°	258.4	297.7	354.1	400.1	402.7	381.7	363.3	313.5	284.6	258.4	244.0
72.5°	212.5	240.0	283.3	317.4	318.7	305.6	288.6	257.1	232.2	213.8	199.4
75°	167.9	191.5	217.7	247.9	246.6	236.1	223.0	203.3	182.3	170.5	164.0
77.5°	128.5	143.0	164.0	183.6	183.6	178.4	170.5	156.1	143.0	131.2	124.6
80°	91.8	101.0	118.0	124.6	127.2	125.9	119.4	108.9	103.6	94.4	91.8
82.5°	59.0	65.6	73.5	80.0	83.9	81.3	80.0	74.8	66.9	64.3	61.6
85°	34.1	36.7	40.7	44.6	45.9	44.6	47.2	43.3	39.3	39.3	38.0
87.5°	14.4	15.7	18.4	18.4	19.7	19.7	18.4	19.7	19.7	18.4	17.1
90°	0.4	1.4	2.8	3.5	4.2	4.8	5.3	7.1	9.5	11.7	12.0
92.5°	5.3	7.4	10.2	12.0	14.8	16.8	18.7	28.3	41.7	53.7	54.4
95°	12.4	13.8	17.3	20.5	26.2	30.4	34.6	50.9	81.6	122.6	138.5
97.5°	18.4	20.5	24.4	29.0	35.3	40.1	44.9	65.7	108.5	174.6	225.8
100°	27.2	28.3	31.5	37.1	44.2	49.2	54.1	72.8	115.9	192.3	279.2
102.5°	35.3	36.0	39.2	44.9	52.3	57.2	62.2	79.2	116.3	185.5	281.0
105°	43.1	44.5	47.0	52.3	60.1	65.0	70.0	86.6	118.0	176.4	261.9
107.5°	51.6	52.7	55.1	60.1	67.9	72.8	77.8	94.0	121.9	171.4	244.2
110°	60.1	61.5	63.6	68.2	75.6	80.8	85.9	101.4	126.9	170.0	232.2

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	67.9	69.3	71.7	76.0	83.1	88.4	93.7	108.5	132.2	170.3	224.4
115°	76.0	77.8	79.9	84.1	91.2	96.0	100.7	115.9	137.5	171.8	219.1
117.5°	84.5	85.9	88.0	91.9	98.6	103.6	108.5	122.6	143.1	173.9	216.3
120°	92.2	93.7	95.8	99.0	106.0	111.0	115.9	129.7	148.8	176.0	213.8
122.5°	99.7	100.7	102.8	106.4	113.4	118.6	123.7	136.4	153.7	178.5	212.4
125°	106.0	107.1	109.2	113.4	120.5	125.4	130.4	143.1	159.0	180.9	210.6
127.5°	111.3	112.7	115.6	120.2	126.9	132.0	137.1	149.5	164.0	183.4	209.6
130°	115.9	117.3	120.9	125.8	132.9	137.9	142.8	155.1	168.6	186.2	208.9
132.5°	120.2	121.9	125.8	131.1	138.5	143.4	148.4	160.1	173.2	189.1	208.5
135°	124.4	125.8	130.1	135.4	143.5	148.4	153.4	164.7	177.1	191.2	208.2
137.5°	128.3	130.1	134.3	140.0	148.1	152.7	157.3	168.6	180.2	193.3	208.2
140°	132.9	134.3	138.5	144.2	152.0	156.6	161.2	171.8	182.7	194.7	207.8
142.5°	137.5	138.5	142.4	148.1	155.5	159.8	164.0	174.2	184.8	195.8	207.8
145°	142.1	143.5	147.0	152.3	159.4	163.3	167.2	176.7	186.6	196.5	207.1
147.5°	147.0	148.1	151.6	156.6	162.6	166.1	169.6	178.8	187.7	196.9	206.0
150°	152.0	153.0	155.9	160.5	165.8	169.0	172.1	180.2	188.4	196.5	205.0
152.5°	156.9	157.3	160.1	164.0	168.9	171.8	174.6	181.7	188.7	195.8	203.2
155°	161.5	161.9	164.0	167.9	171.8	174.4	177.1	183.1	189.1	195.1	201.1
157.5°	165.4	165.8	167.5	171.1	174.2	176.5	178.8	184.1	189.1	193.7	199.0
160°	169.3	169.6	171.1	173.9	176.7	178.6	180.6	184.8	189.1	192.6	196.9
162.5°	173.2	172.8	174.2	176.4	178.8	180.2	181.7	185.2	188.7	191.6	195.1
165°	176.0	175.6	176.4	178.5	180.2	181.3	182.4	185.5	188.0	190.1	192.6
167.5°	178.5	178.1	178.8	180.2	181.7	182.4	183.1	185.5	187.7	188.7	190.5
170°	180.9	180.2	180.6	181.7	182.4	182.9	183.4	185.2	187.0	187.7	188.7
172.5°	182.4	182.0	181.7	182.7	183.1	183.4	183.8	184.8	185.9	186.2	186.6
175°	183.4	183.1	182.7	183.4	183.4	183.6	183.8	184.5	185.2	184.8	185.2
177.5°	184.1	183.4	183.1	183.8	183.8	183.8	183.8	184.1	184.8	184.1	183.8
180°	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5
2.5°	1773.4	1774.7	1777.3	1790.4	1797.0	1798.3	1793.0	1804.8	1808.8	1804.8	1802.2
5°	1857.3	1865.2	1880.9	1898.0	1896.7	1898.0	1905.8	1913.7	1916.3	1905.8	1909.8
7.5°	1930.8	1946.5	1963.6	1989.8	1989.8	2002.9	2008.2	2014.7	2030.5	2022.6	2020.0
10°	2014.7	2035.7	2067.2	2109.2	2110.5	2123.6	2136.7	2157.7	2164.2	2159.0	2161.6
12.5°	2119.6	2160.3	2162.9	2208.8	2229.8	2232.5	2253.4	2249.5	2262.6	2262.6	2284.9
15°	2165.6	2228.5	2263.9	2308.5	2321.6	2305.9	2323.0	2341.3	2342.6	2342.6	2341.3
17.5°	2248.2	2273.1	2308.5	2332.1	2337.4	2337.4	2338.7	2346.6	2341.3	2330.8	2338.7
20°	2265.2	2275.7	2288.9	2286.2	2288.9	2275.7	2262.6	2249.5	2250.8	2244.3	2263.9
22.5°	2233.8	2231.1	2201.0	2181.3	2181.3	2155.1	2130.1	2118.3	2106.5	2110.5	2117.0
25°	2155.1	2114.4	2077.7	2048.8	2042.3	2000.3	1966.2	1955.7	1936.0	1951.8	1954.4
27.5°	2029.1	1983.2	1924.2	1899.3	1865.2	1848.1	1824.5	1793.0	1752.4	1776.0	1772.1
30°	1894.0	1825.8	1777.3	1717.0	1663.2	1659.3	1614.7	1562.2	1541.2	1541.2	1553.0
32.5°	1743.2	1652.7	1581.9	1496.6	1444.1	1421.8	1368.1	1315.6	1327.4	1288.1	1302.5
35°	1567.4	1448.1	1358.9	1276.2	1236.9	1210.7	1141.1	1112.3	1080.8	1062.4	1096.6
37.5°	1399.5	1261.8	1147.7	1057.2	1042.8	995.6	948.3	930.0	911.6	919.5	918.2
40°	1194.9	1072.9	970.6	899.8	874.9	852.6	821.1	798.8	787.0	793.6	794.9
42.5°	1010.0	907.7	831.6	781.8	760.8	745.0	729.3	710.9	707.0	707.0	712.2
45°	867.0	783.1	731.9	691.2	679.4	667.6	655.8	648.0	645.3	640.1	644.0
47.5°	752.9	686.0	654.5	624.4	611.2	608.6	598.1	594.2	588.9	587.6	588.9
50°	657.1	615.2	586.3	569.3	560.1	556.1	550.9	543.0	540.4	547.0	544.3
52.5°	590.2	550.9	535.2	518.1	512.9	507.6	499.7	501.1	499.7	497.1	497.1
55°	523.4	498.4	482.7	469.6	468.3	463.0	456.5	453.8	452.5	449.9	453.8
57.5°	469.6	449.9	435.5	423.7	418.4	418.4	411.9	406.6	406.6	405.3	406.6
60°	415.8	396.1	386.9	375.1	371.2	369.9	366.0	363.3	359.4	359.4	359.4
62.5°	366.0	350.2	339.7	329.2	330.5	324.0	318.7	316.1	316.1	317.4	317.4
65°	318.7	308.2	295.1	285.9	283.3	282.0	279.4	278.1	274.1	276.8	276.8
67.5°	275.4	261.0	253.2	249.2	245.3	244.0	241.3	238.7	237.4	236.1	238.7
70°	232.2	220.4	213.8	211.2	207.2	205.9	204.6	200.7	202.0	203.3	204.6
72.5°	192.8	182.3	181.0	173.1	173.1	173.1	167.9	170.5	169.2	166.6	169.2
75°	152.2	146.9	144.3	140.3	141.7	140.3	139.0	135.1	135.1	136.4	137.7
77.5°	120.7	115.4	114.1	110.2	107.6	110.2	107.6	106.2	106.2	107.6	107.6
80°	89.2	86.6	82.6	82.6	82.6	81.3	81.3	81.3	80.0	78.7	80.0
82.5°	59.0	59.0	57.7	56.4	57.7	55.1	56.4	56.4	56.4	56.4	56.4
85°	38.0	36.7	36.7	35.4	35.4	35.4	36.7	34.1	34.1	35.4	35.4
87.5°	17.1	17.1	17.1	18.4	17.1	17.1	17.1	18.4	17.1	17.1	17.1
90°	11.7	11.3	10.6	11.3	11.5	11.7	11.7	11.7	11.7	11.7	11.7
92.5°	45.6	35.7	30.4	26.5	25.1	23.7	23.3	21.9	22.3	21.6	22.3
95°	121.2	92.6	71.0	56.2	52.3	48.4	43.8	41.0	39.9	40.3	39.9
97.5°	227.6	189.4	151.3	115.6	105.0	94.4	80.6	73.5	69.6	67.5	69.6
100°	330.1	322.7	278.8	230.4	209.0	187.7	158.3	143.1	132.9	126.5	132.9
102.5°	368.3	410.0	408.5	376.4	353.4	330.4	297.9	269.3	255.9	246.7	255.9
105°	355.9	429.4	469.3	473.9	468.1	462.3	440.4	418.4	403.2	398.3	403.2
107.5°	329.7	408.5	467.9	502.6	509.6	516.7	516.3	513.2	508.6	500.4	508.6
110°	305.4	379.9	443.2	488.4	502.9	517.4	532.6	539.3	542.5	542.1	542.5

TEST NUMBER: P1009503

CATALOG NUMBER: S122DIP-B865D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	288.4	353.8	413.8	463.0	480.2	497.3	519.9	532.2	539.0	541.4	539.0
115°	275.0	333.3	387.7	434.0	452.2	470.4	495.5	511.7	520.9	524.1	520.9
117.5°	265.8	316.3	365.1	408.2	425.5	442.8	468.6	485.9	495.5	498.0	495.5
120°	258.7	304.3	348.1	385.6	401.6	417.7	442.5	459.1	469.3	472.9	469.3
122.5°	252.7	294.7	334.0	369.0	383.1	397.2	418.8	435.1	443.9	446.7	443.9
125°	247.0	285.6	322.0	353.1	366.4	379.6	400.1	413.5	422.3	425.2	422.3
127.5°	241.7	276.4	309.9	339.6	352.0	364.4	382.4	395.1	402.9	405.0	402.9
130°	236.4	267.5	297.9	325.8	337.5	349.2	366.5	378.5	385.6	388.4	385.6
132.5°	232.2	259.1	286.6	311.7	322.5	333.3	350.2	362.3	368.6	371.1	368.6
135°	228.3	251.3	274.6	297.9	307.8	317.7	332.9	344.6	350.9	352.4	350.9
137.5°	225.5	244.9	265.1	284.1	293.0	301.8	316.3	326.6	332.2	334.3	332.2
140°	223.0	238.9	255.9	272.1	279.9	287.7	299.0	308.2	313.5	315.6	313.5
142.5°	220.5	234.0	247.7	261.2	267.4	273.5	284.1	292.3	296.9	296.9	296.9
145°	218.4	229.4	241.0	252.0	257.1	262.2	270.7	276.7	280.3	281.3	280.3
147.5°	216.3	225.8	235.4	244.2	248.1	252.0	259.4	264.4	266.8	267.5	266.8
150°	213.5	221.9	229.7	237.1	240.3	243.5	248.8	253.0	255.2	255.5	255.2
152.5°	211.0	218.1	225.1	231.1	233.8	236.4	240.3	243.9	245.3	245.3	245.3
155°	207.8	214.5	220.2	225.5	227.4	229.4	233.3	235.7	237.1	236.4	237.1
157.5°	205.0	210.3	215.2	219.8	221.4	223.0	225.8	228.0	228.7	228.7	228.7
160°	201.8	206.4	210.3	214.2	215.4	216.6	219.1	220.9	221.2	221.2	221.2
162.5°	199.0	202.5	205.7	208.9	209.8	210.6	213.1	214.2	214.5	214.2	214.5
165°	195.8	198.6	201.1	203.6	204.3	205.0	206.4	207.8	207.8	207.5	207.8
167.5°	192.6	194.7	196.9	198.6	199.3	200.0	200.7	201.4	201.4	201.1	201.4
170°	190.1	191.9	193.0	194.4	194.8	195.1	195.4	196.5	196.1	195.4	196.1
172.5°	187.7	188.7	189.4	190.5	190.6	190.8	191.2	191.6	191.2	190.8	191.2
175°	185.5	186.6	187.0	187.3	187.5	187.7	187.7	188.0	187.7	187.0	187.7
177.5°	184.1	184.8	184.8	185.2	185.2	185.2	185.2	185.2	184.8	184.1	184.8
180°	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8

TEST NUMBER: P1009503

CATALOG NUMBER: S122DIP-B865D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5
2.5°	1808.8	1799.6	1791.7	1793.0	1799.6	1794.4	1781.2	1764.2	1757.6	1749.8	1757.6
5°	1917.7	1909.8	1894.0	1895.4	1891.4	1886.2	1865.2	1839.0	1839.0	1818.0	1815.3
7.5°	2025.2	2013.4	2002.9	2000.3	1985.9	1975.4	1957.0	1920.3	1905.8	1880.9	1866.5
10°	2145.9	2136.7	2124.9	2110.5	2102.6	2084.2	2054.1	2000.3	1974.1	1939.9	1915.0
12.5°	2267.9	2266.6	2240.3	2211.5	2210.2	2181.3	2160.3	2088.2	2052.8	2006.8	1947.8
15°	2345.3	2338.7	2324.3	2309.8	2313.8	2282.3	2235.1	2149.8	2126.2	2071.1	2008.2
17.5°	2343.9	2343.9	2340.0	2337.4	2333.4	2324.3	2298.0	2241.6	2203.6	2134.1	2075.1
20°	2269.2	2286.2	2290.2	2288.9	2302.0	2308.5	2307.2	2271.8	2241.6	2180.0	2119.6
22.5°	2119.6	2159.0	2176.0	2186.5	2214.1	2228.5	2262.6	2249.5	2241.6	2195.7	2144.6
25°	1980.6	1993.7	2044.9	2047.5	2085.5	2121.0	2155.1	2177.4	2206.2	2189.2	2145.9
27.5°	1800.9	1831.1	1867.8	1895.4	1903.2	1975.4	2031.8	2073.7	2139.3	2144.6	2130.1
30°	1597.6	1612.0	1672.4	1709.1	1751.1	1803.5	1884.9	1957.0	2016.0	2069.8	2088.2
32.5°	1349.7	1408.7	1444.1	1488.7	1525.5	1618.6	1718.3	1811.4	1879.6	1970.1	2009.5
35°	1122.8	1168.7	1229.0	1247.4	1314.3	1393.0	1522.8	1642.2	1745.8	1837.6	1917.7
37.5°	935.2	971.9	1036.2	1065.1	1104.4	1205.4	1314.3	1462.5	1587.1	1699.9	1799.6
40°	806.7	834.2	882.7	891.9	924.7	1016.5	1104.4	1243.5	1408.7	1560.9	1669.7
42.5°	718.8	731.9	764.7	776.5	797.5	859.1	937.8	1069.0	1222.5	1379.9	1533.3
45°	655.8	665.0	684.7	695.2	721.4	749.0	813.2	918.2	1038.8	1197.5	1362.8
47.5°	599.4	611.2	619.1	625.7	640.1	670.3	712.2	789.6	905.0	1050.6	1210.7
50°	552.2	556.1	570.6	571.9	581.1	600.7	640.1	687.3	779.1	897.2	1052.0
52.5°	505.0	508.9	518.1	527.3	531.2	547.0	573.2	612.5	680.8	773.9	911.6
55°	457.8	463.0	472.2	478.8	482.7	495.8	511.5	549.6	603.4	668.9	781.8
57.5°	410.6	422.4	425.0	428.9	435.5	449.9	464.3	486.6	528.6	588.9	671.6
60°	366.0	369.9	379.1	383.0	389.6	397.4	415.8	432.8	463.0	510.2	585.0
62.5°	320.0	329.2	333.2	337.1	342.3	351.5	363.3	381.7	407.9	446.0	505.0
65°	280.7	282.0	289.9	295.1	300.4	306.9	318.7	335.8	351.5	386.9	430.2
67.5°	242.7	245.3	247.9	253.2	259.7	266.3	276.8	285.9	305.6	329.2	363.3
70°	205.9	205.9	212.5	216.4	215.1	223.0	230.9	241.3	255.8	278.1	305.6
72.5°	173.1	171.8	177.1	178.4	181.0	186.3	191.5	202.0	209.9	226.9	247.9
75°	137.7	140.3	143.0	143.0	146.9	150.8	156.1	161.3	170.5	181.0	196.7
77.5°	108.9	108.9	111.5	112.8	116.7	115.4	120.7	125.9	132.5	141.7	153.5
80°	80.0	82.6	82.6	82.6	83.9	85.3	90.5	94.4	98.4	104.9	110.2
82.5°	56.4	56.4	59.0	59.0	59.0	61.6	61.6	63.0	65.6	69.5	73.5
85°	35.4	35.4	35.4	36.7	35.4	36.7	39.3	38.0	39.3	42.0	42.0
87.5°	17.1	17.1	17.1	17.1	17.1	18.4	17.1	18.4	19.7	19.7	19.7
90°	11.7	11.7	11.7	11.5	11.3	10.6	11.3	11.7	12.0	11.7	9.5
92.5°	21.9	23.3	23.7	25.1	26.5	30.4	35.7	45.6	54.4	53.7	41.7
95°	41.0	43.8	48.4	52.3	56.2	71.0	92.6	121.2	138.5	122.6	81.6
97.5°	73.5	80.6	94.4	105.0	115.6	151.3	189.4	227.6	225.8	174.6	108.5
100°	143.1	158.3	187.7	209.0	230.4	278.8	322.7	330.1	279.2	192.3	115.9
102.5°	269.3	297.9	330.4	353.4	376.4	408.5	410.0	368.3	281.0	185.5	116.3
105°	418.4	440.4	462.3	468.1	473.9	469.3	429.4	355.9	261.9	176.4	118.0
107.5°	513.2	516.3	516.7	509.6	502.6	467.9	408.5	329.7	244.2	171.4	121.9
110°	539.3	532.6	517.4	502.9	488.4	443.2	379.9	305.4	232.2	170.0	126.9

TEST NUMBER: P1009503

CATALOG NUMBER: S122DIP-B865D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	532.2	519.9	497.3	480.2	463.0	413.8	353.8	288.4	224.4	170.3	132.2
115°	511.7	495.5	470.4	452.2	434.0	387.7	333.3	275.0	219.1	171.8	137.5
117.5°	485.9	468.6	442.8	425.5	408.2	365.1	316.3	265.8	216.3	173.9	143.1
120°	459.1	442.5	417.7	401.6	385.6	348.1	304.3	258.7	213.8	176.0	148.8
122.5°	435.1	418.8	397.2	383.1	369.0	334.0	294.7	252.7	212.4	178.5	153.7
125°	413.5	400.1	379.6	366.4	353.1	322.0	285.6	247.0	210.6	180.9	159.0
127.5°	395.1	382.4	364.4	352.0	339.6	309.9	276.4	241.7	209.6	183.4	164.0
130°	378.5	366.5	349.2	337.5	325.8	297.9	267.5	236.4	208.9	186.2	168.6
132.5°	362.3	350.2	333.3	322.5	311.7	286.6	259.1	232.2	208.5	189.1	173.2
135°	344.6	332.9	317.7	307.8	297.9	274.6	251.3	228.3	208.2	191.2	177.1
137.5°	326.6	316.3	301.8	293.0	284.1	265.1	244.9	225.5	208.2	193.3	180.2
140°	308.2	299.0	287.7	279.9	272.1	255.9	238.9	223.0	207.8	194.7	182.7
142.5°	292.3	284.1	273.5	267.4	261.2	247.7	234.0	220.5	207.8	195.8	184.8
145°	276.7	270.7	262.2	257.1	252.0	241.0	229.4	218.4	207.1	196.5	186.6
147.5°	264.4	259.4	252.0	248.1	244.2	235.4	225.8	216.3	206.0	196.9	187.7
150°	253.0	248.8	243.5	240.3	237.1	229.7	221.9	213.5	205.0	196.5	188.4
152.5°	243.9	240.3	236.4	233.8	231.1	225.1	218.1	211.0	203.2	195.8	188.7
155°	235.7	233.3	229.4	227.4	225.5	220.2	214.5	207.8	201.1	195.1	189.1
157.5°	228.0	225.8	223.0	221.4	219.8	215.2	210.3	205.0	199.0	193.7	189.1
160°	220.9	219.1	216.6	215.4	214.2	210.3	206.4	201.8	196.9	192.6	189.1
162.5°	214.2	213.1	210.6	209.8	208.9	205.7	202.5	199.0	195.1	191.6	188.7
165°	207.8	206.4	205.0	204.3	203.6	201.1	198.6	195.8	192.6	190.1	188.0
167.5°	201.4	200.7	200.0	199.3	198.6	196.9	194.7	192.6	190.5	188.7	187.7
170°	196.5	195.4	195.1	194.8	194.4	193.0	191.9	190.1	188.7	187.7	187.0
172.5°	191.6	191.2	190.8	190.6	190.5	189.4	188.7	187.7	186.6	186.2	185.9
175°	188.0	187.7	187.7	187.5	187.3	187.0	186.6	185.5	185.2	184.8	185.2
177.5°	185.2	185.2	185.2	185.2	185.2	184.8	184.8	184.1	183.8	184.1	184.8
180°	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8

TEST NUMBER: P1009503

CATALOG NUMBER: S122DIP-B865D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5
2.5°	1751.1	1744.5	1740.6	1743.2	1735.3	1715.7	1715.7	1722.2	1714.3	1706.5	1694.7
5°	1799.6	1786.5	1778.6	1777.3	1758.9	1727.5	1720.9	1714.3	1697.3	1678.9	1659.3
7.5°	1846.8	1823.2	1810.1	1800.9	1774.7	1734.0	1717.0	1702.5	1675.0	1647.4	1622.5
10°	1886.2	1852.1	1836.3	1821.9	1787.8	1736.6	1709.1	1682.9	1647.4	1612.0	1580.6
12.5°	1917.7	1878.3	1858.6	1837.6	1795.7	1728.8	1694.7	1652.7	1617.3	1570.1	1538.6
15°	1970.1	1888.8	1870.4	1850.8	1807.5	1715.7	1673.7	1626.5	1577.9	1515.0	1480.9
17.5°	2012.1	1903.2	1901.9	1859.9	1803.5	1710.4	1646.1	1584.5	1532.0	1469.1	1415.3
20°	2037.0	1925.5	1904.5	1861.2	1790.4	1675.0	1608.1	1539.9	1483.5	1407.4	1353.6
22.5°	2058.0	1957.0	1901.9	1849.4	1762.9	1663.2	1564.8	1500.5	1423.2	1340.5	1289.4
25°	2065.9	1963.6	1905.8	1845.5	1743.2	1629.1	1517.6	1448.1	1361.5	1286.7	1217.2
27.5°	2067.2	1962.2	1891.4	1828.5	1715.7	1584.5	1470.4	1396.9	1301.2	1214.6	1145.1
30°	2054.1	1947.8	1883.5	1815.3	1689.4	1543.8	1412.7	1331.3	1229.0	1142.5	1070.3
32.5°	2014.7	1919.0	1866.5	1791.7	1655.3	1487.4	1357.6	1267.1	1159.5	1074.3	1004.7
35°	1949.1	1883.5	1825.8	1756.3	1610.7	1435.0	1302.5	1196.2	1087.4	1006.0	940.5
37.5°	1867.8	1832.4	1778.6	1710.4	1559.6	1387.7	1240.8	1122.8	1013.9	935.2	870.9
40°	1757.6	1766.8	1714.3	1652.7	1499.2	1323.5	1160.8	1048.0	945.7	872.3	809.3
42.5°	1638.3	1676.3	1646.1	1587.1	1432.3	1252.6	1101.8	977.2	877.5	801.4	749.0
45°	1509.7	1575.3	1556.9	1513.7	1362.8	1177.9	1017.9	897.2	809.3	735.8	689.9
47.5°	1369.4	1462.5	1462.5	1431.0	1285.4	1103.1	945.7	822.4	735.8	683.4	638.8
50°	1226.4	1331.3	1348.4	1327.4	1198.9	1017.9	857.8	746.3	671.6	620.4	587.6
52.5°	1076.9	1198.9	1230.3	1219.8	1107.0	936.5	785.7	676.8	608.6	564.0	535.2
55°	933.9	1075.6	1109.7	1113.6	1008.7	847.3	705.7	609.9	544.3	514.2	489.3
57.5°	798.8	935.2	973.3	979.8	909.0	766.0	630.9	547.0	487.9	463.0	443.3
60°	683.4	797.5	847.3	861.8	800.1	671.6	561.4	480.1	435.5	411.9	393.5
62.5°	588.9	680.8	733.2	737.2	709.6	588.9	489.3	421.0	383.0	362.0	352.8
65°	497.1	579.8	611.2	627.0	604.7	510.2	422.4	366.0	335.8	317.4	308.2
67.5°	423.7	476.1	502.4	523.4	501.1	430.2	359.4	313.5	291.2	272.8	267.6
70°	347.6	390.9	410.6	431.5	411.9	358.1	306.9	265.0	245.3	230.9	224.3
72.5°	278.1	312.2	330.5	343.7	331.9	287.3	245.3	216.4	202.0	191.5	187.6
75°	220.4	244.0	254.5	263.6	258.4	224.3	198.1	174.5	161.3	152.2	149.5
77.5°	167.9	184.9	196.7	199.4	192.8	170.5	148.2	133.8	123.3	118.0	115.4
80°	119.4	129.9	136.4	140.3	133.8	124.6	108.9	98.4	89.2	82.6	81.3
82.5°	80.0	85.3	90.5	89.2	86.6	78.7	69.5	64.3	60.3	55.1	55.1
85°	45.9	47.2	49.8	51.2	49.8	44.6	39.3	36.7	34.1	30.2	30.2
87.5°	19.7	21.0	21.0	22.3	19.7	19.7	17.1	14.4	14.4	13.1	11.8
90°	7.1	5.3	4.8	4.2	3.5	2.8	1.4	0.4	1.4	2.8	3.5
92.5°	28.3	18.7	16.8	14.8	12.0	10.2	7.4	5.3	7.4	10.2	12.0
95°	50.9	34.6	30.4	26.2	20.5	17.3	13.8	12.4	13.8	17.3	20.5
97.5°	65.7	44.9	40.1	35.3	29.0	24.4	20.5	18.4	20.5	24.4	29.0
100°	72.8	54.1	49.2	44.2	37.1	31.5	28.3	27.2	28.3	31.5	37.1
102.5°	79.2	62.2	57.2	52.3	44.9	39.2	36.0	35.3	36.0	39.2	44.9
105°	86.6	70.0	65.0	60.1	52.3	47.0	44.5	43.1	44.5	47.0	52.3
107.5°	94.0	77.8	72.8	67.9	60.1	55.1	52.7	51.6	52.7	55.1	60.1
110°	101.4	85.9	80.8	75.6	68.2	63.6	61.5	60.1	61.5	63.6	68.2

TEST NUMBER: P1009503

CATALOG NUMBER: S122DIP-B865D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	108.5	93.7	88.4	83.1	76.0	71.7	69.3	67.9	69.3	71.7	76.0
115°	115.9	100.7	96.0	91.2	84.1	79.9	77.8	76.0	77.8	79.9	84.1
117.5°	122.6	108.5	103.6	98.6	91.9	88.0	85.9	84.5	85.9	88.0	91.9
120°	129.7	115.9	111.0	106.0	99.0	95.8	93.7	92.2	93.7	95.8	99.0
122.5°	136.4	123.7	118.6	113.4	106.4	102.8	100.7	99.7	100.7	102.8	106.4
125°	143.1	130.4	125.4	120.5	113.4	109.2	107.1	106.0	107.1	109.2	113.4
127.5°	149.5	137.1	132.0	126.9	120.2	115.6	112.7	111.3	112.7	115.6	120.2
130°	155.1	142.8	137.9	132.9	125.8	120.9	117.3	115.9	117.3	120.9	125.8
132.5°	160.1	148.4	143.4	138.5	131.1	125.8	121.9	120.2	121.9	125.8	131.1
135°	164.7	153.4	148.4	143.5	135.4	130.1	125.8	124.4	125.8	130.1	135.4
137.5°	168.6	157.3	152.7	148.1	140.0	134.3	130.1	128.3	130.1	134.3	140.0
140°	171.8	161.2	156.6	152.0	144.2	138.5	134.3	132.9	134.3	138.5	144.2
142.5°	174.2	164.0	159.8	155.5	148.1	142.4	138.5	137.5	138.5	142.4	148.1
145°	176.7	167.2	163.3	159.4	152.3	147.0	143.5	142.1	143.5	147.0	152.3
147.5°	178.8	169.6	166.1	162.6	156.6	151.6	148.1	147.0	148.1	151.6	156.6
150°	180.2	172.1	169.0	165.8	160.5	155.9	153.0	152.0	153.0	155.9	160.5
152.5°	181.7	174.6	171.8	168.9	164.0	160.1	157.3	156.9	157.3	160.1	164.0
155°	183.1	177.1	174.4	171.8	167.9	164.0	161.9	161.5	161.9	164.0	167.9
157.5°	184.1	178.8	176.5	174.2	171.1	167.5	165.8	165.4	165.8	167.5	171.1
160°	184.8	180.6	178.6	176.7	173.9	171.1	169.6	169.3	169.6	171.1	173.9
162.5°	185.2	181.7	180.2	178.8	176.4	174.2	172.8	173.2	172.8	174.2	176.4
165°	185.5	182.4	181.3	180.2	178.5	176.4	175.6	176.0	175.6	176.4	178.5
167.5°	185.5	183.1	182.4	181.7	180.2	178.8	178.1	178.5	178.1	178.8	180.2
170°	185.2	183.4	182.9	182.4	181.7	180.6	180.2	180.9	180.2	180.6	181.7
172.5°	184.8	183.8	183.4	183.1	182.7	181.7	182.0	182.4	182.0	181.7	182.7
175°	184.5	183.8	183.6	183.4	183.4	182.7	183.1	183.4	183.1	182.7	183.4
177.5°	184.1	183.8	183.8	183.8	183.8	183.1	183.4	184.1	183.4	183.1	183.8
180°	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8

TEST NUMBER: P1009503

CATALOG NUMBER: S122DIP-B865D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5
2.5°	1688.1	1694.7	1693.4	1680.2	1665.8	1654.0	1631.7	1634.3	1626.5	1627.8	1635.6
5°	1646.1	1646.1	1640.9	1622.5	1598.9	1585.8	1560.9	1554.3	1538.6	1537.3	1536.0
7.5°	1601.5	1595.0	1588.4	1562.2	1533.3	1512.3	1478.2	1470.4	1454.6	1444.1	1438.9
10°	1549.1	1539.9	1526.8	1496.6	1461.2	1435.0	1399.5	1389.1	1358.9	1345.8	1337.9
12.5°	1491.4	1486.1	1465.1	1440.2	1382.5	1353.6	1302.5	1313.0	1282.8	1256.6	1252.6
15°	1433.6	1414.0	1402.2	1361.5	1292.0	1278.9	1238.2	1217.2	1189.7	1168.7	1168.7
17.5°	1377.2	1347.1	1320.8	1277.6	1226.4	1189.7	1159.5	1149.0	1114.9	1093.9	1090.0
20°	1302.5	1268.4	1261.8	1200.2	1164.8	1124.1	1095.2	1069.0	1044.1	1034.9	1028.3
22.5°	1231.7	1192.3	1181.8	1129.3	1093.9	1053.3	1024.4	1006.0	987.7	981.1	969.3
25°	1155.6	1132.0	1116.2	1059.8	1020.5	982.4	962.8	949.6	932.6	931.3	923.4
27.5°	1082.1	1059.8	1044.1	990.3	961.4	926.0	910.3	895.9	886.7	882.7	878.8
30°	1019.2	994.2	975.9	936.5	901.1	872.3	859.1	850.0	844.7	838.2	836.8
32.5°	949.6	935.2	910.3	880.1	852.6	825.0	817.2	810.6	802.7	800.1	798.8
35°	890.6	870.9	855.2	821.1	809.3	785.7	776.5	771.3	760.8	758.1	755.5
37.5°	832.9	814.5	797.5	776.5	754.2	741.1	735.8	728.0	722.7	724.0	721.4
40°	775.2	760.8	747.6	725.3	712.2	705.7	695.2	687.3	684.7	686.0	684.7
42.5°	718.8	705.7	697.8	680.8	667.6	661.1	654.5	646.6	650.6	650.6	654.5
45°	667.6	655.8	650.6	637.5	629.6	619.1	612.5	611.2	616.5	615.2	615.2
47.5°	615.2	611.2	604.7	592.9	582.4	575.8	574.5	574.5	579.8	582.4	581.1
50°	574.5	566.6	558.8	549.6	541.7	539.1	535.2	537.8	543.0	543.0	545.7
52.5°	523.4	518.1	515.5	507.6	502.4	502.4	502.4	503.7	507.6	511.5	510.2
55°	478.8	474.8	472.2	468.3	461.7	463.0	461.7	464.3	468.3	472.2	474.8
57.5°	431.5	430.2	427.6	421.0	421.0	419.7	423.7	425.0	431.5	434.2	438.1
60°	389.6	385.6	385.6	380.4	380.4	380.4	384.3	388.3	393.5	394.8	397.4
62.5°	345.0	345.0	343.7	339.7	339.7	343.7	345.0	350.2	352.8	352.8	356.8
65°	303.0	301.7	300.4	301.7	303.0	303.0	306.9	309.6	312.2	313.5	314.8
67.5°	261.0	259.7	262.3	261.0	263.6	268.9	267.6	271.5	275.4	275.4	276.8
70°	221.7	224.3	223.0	225.6	224.3	226.9	230.9	232.2	232.2	233.5	237.4
72.5°	184.9	184.9	184.9	183.6	184.9	187.6	190.2	191.5	194.1	195.4	199.4
75°	149.5	149.5	146.9	149.5	149.5	152.2	154.8	154.8	154.8	157.4	161.3
77.5°	112.8	114.1	112.8	115.4	115.4	116.7	119.4	118.0	120.7	122.0	123.3
80°	82.6	81.3	81.3	81.3	82.6	82.6	85.3	86.6	86.6	90.5	87.9
82.5°	52.5	53.8	52.5	53.8	53.8	55.1	53.8	55.1	56.4	59.0	57.7
85°	30.2	28.9	28.9	30.2	28.9	28.9	30.2	28.9	30.2	28.9	30.2
87.5°	11.8	10.5	10.5	10.5	10.5	9.2	9.2	7.9	7.9	7.9	6.6
90°	4.2	4.8	5.3	7.1	9.5	11.7	12.0	11.7	11.3	10.6	11.3
92.5°	14.8	16.8	18.7	28.3	41.7	53.7	54.4	45.6	35.7	30.4	26.5
95°	26.2	30.4	34.6	50.9	81.6	122.6	138.5	121.2	92.6	71.0	56.2
97.5°	35.3	40.1	44.9	65.7	108.5	174.6	225.8	227.6	189.4	151.3	115.6
100°	44.2	49.2	54.1	72.8	115.9	192.3	279.2	330.1	322.7	278.8	230.4
102.5°	52.3	57.2	62.2	79.2	116.3	185.5	281.0	368.3	410.0	408.5	376.4
105°	60.1	65.0	70.0	86.6	118.0	176.4	261.9	355.9	429.4	469.3	473.9
107.5°	67.9	72.8	77.8	94.0	121.9	171.4	244.2	329.7	408.5	467.9	502.6
110°	75.6	80.8	85.9	101.4	126.9	170.0	232.2	305.4	379.9	443.2	488.4

TEST NUMBER: P1009503

CATALOG NUMBER: S122DIP-B865D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	83.1	88.4	93.7	108.5	132.2	170.3	224.4	288.4	353.8	413.8	463.0
115°	91.2	96.0	100.7	115.9	137.5	171.8	219.1	275.0	333.3	387.7	434.0
117.5°	98.6	103.6	108.5	122.6	143.1	173.9	216.3	265.8	316.3	365.1	408.2
120°	106.0	111.0	115.9	129.7	148.8	176.0	213.8	258.7	304.3	348.1	385.6
122.5°	113.4	118.6	123.7	136.4	153.7	178.5	212.4	252.7	294.7	334.0	369.0
125°	120.5	125.4	130.4	143.1	159.0	180.9	210.6	247.0	285.6	322.0	353.1
127.5°	126.9	132.0	137.1	149.5	164.0	183.4	209.6	241.7	276.4	309.9	339.6
130°	132.9	137.9	142.8	155.1	168.6	186.2	208.9	236.4	267.5	297.9	325.8
132.5°	138.5	143.4	148.4	160.1	173.2	189.1	208.5	232.2	259.1	286.6	311.7
135°	143.5	148.4	153.4	164.7	177.1	191.2	208.2	228.3	251.3	274.6	297.9
137.5°	148.1	152.7	157.3	168.6	180.2	193.3	208.2	225.5	244.9	265.1	284.1
140°	152.0	156.6	161.2	171.8	182.7	194.7	207.8	223.0	238.9	255.9	272.1
142.5°	155.5	159.8	164.0	174.2	184.8	195.8	207.8	220.5	234.0	247.7	261.2
145°	159.4	163.3	167.2	176.7	186.6	196.5	207.1	218.4	229.4	241.0	252.0
147.5°	162.6	166.1	169.6	178.8	187.7	196.9	206.0	216.3	225.8	235.4	244.2
150°	165.8	169.0	172.1	180.2	188.4	196.5	205.0	213.5	221.9	229.7	237.1
152.5°	168.9	171.8	174.6	181.7	188.7	195.8	203.2	211.0	218.1	225.1	231.1
155°	171.8	174.4	177.1	183.1	189.1	195.1	201.1	207.8	214.5	220.2	225.5
157.5°	174.2	176.5	178.8	184.1	189.1	193.7	199.0	205.0	210.3	215.2	219.8
160°	176.7	178.6	180.6	184.8	189.1	192.6	196.9	201.8	206.4	210.3	214.2
162.5°	178.8	180.2	181.7	185.2	188.7	191.6	195.1	199.0	202.5	205.7	208.9
165°	180.2	181.3	182.4	185.5	188.0	190.1	192.6	195.8	198.6	201.1	203.6
167.5°	181.7	182.4	183.1	185.5	187.7	188.7	190.5	192.6	194.7	196.9	198.6
170°	182.4	182.9	183.4	185.2	187.0	187.7	188.7	190.1	191.9	193.0	194.4
172.5°	183.1	183.4	183.8	184.8	185.9	186.2	186.6	187.7	188.7	189.4	190.5
175°	183.4	183.6	183.8	184.5	185.2	184.8	185.2	185.5	186.6	187.0	187.3
177.5°	183.8	183.8	183.8	184.1	184.8	184.1	183.8	184.1	184.8	184.8	185.2
180°	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8

TEST NUMBER: P1009503

CATALOG NUMBER: S122DIP-B865D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5
2.5°	1626.5	1630.4	1621.2	1618.6	1621.2	1612.0	1614.7	1617.3	1617.3	1621.2	1623.8
5°	1532.0	1526.8	1517.6	1515.0	1512.3	1516.3	1513.7	1517.6	1518.9	1528.1	1529.4
7.5°	1438.9	1431.0	1423.2	1415.3	1412.7	1406.1	1412.7	1412.7	1421.8	1419.2	1425.8
10°	1328.7	1327.4	1316.9	1313.0	1307.7	1297.2	1311.7	1307.7	1314.3	1326.1	1328.7
12.5°	1247.4	1233.0	1239.5	1221.2	1227.7	1217.2	1218.5	1218.5	1229.0	1230.3	1227.7
15°	1170.0	1158.2	1141.1	1133.3	1129.3	1124.1	1141.1	1142.5	1134.6	1153.0	1146.4
17.5°	1091.3	1091.3	1075.6	1071.6	1061.1	1066.4	1063.8	1065.1	1062.4	1075.6	1082.1
20°	1023.1	1016.5	1011.3	1012.6	999.5	996.9	994.2	996.9	1006.0	1015.2	1017.9
22.5°	968.0	964.1	951.0	953.6	943.1	947.0	944.4	951.0	952.3	952.3	961.4
25°	915.5	910.3	911.6	906.4	902.4	902.4	898.5	902.4	907.7	910.3	911.6
27.5°	876.2	872.3	865.7	861.8	864.4	857.8	863.1	867.0	867.0	864.4	867.0
30°	829.0	831.6	831.6	818.5	823.7	821.1	825.0	827.7	827.7	829.0	826.3
32.5°	797.5	789.6	788.3	787.0	787.0	781.8	781.8	785.7	787.0	788.3	792.2
35°	755.5	755.5	749.0	752.9	747.6	749.0	747.6	749.0	751.6	747.6	751.6
37.5°	717.5	718.8	716.2	718.8	720.1	717.5	714.9	720.1	717.5	717.5	714.9
40°	684.7	683.4	684.7	684.7	684.7	686.0	683.4	683.4	683.4	680.8	678.1
42.5°	657.1	649.3	651.9	653.2	649.3	649.3	650.6	649.3	653.2	645.3	645.3
45°	617.8	615.2	616.5	616.5	619.1	615.2	617.8	619.1	615.2	613.9	611.2
47.5°	582.4	585.0	582.4	585.0	585.0	587.6	582.4	583.7	585.0	579.8	575.8
50°	547.0	547.0	550.9	549.6	550.9	548.3	548.3	547.0	548.3	545.7	541.7
52.5°	514.2	510.2	516.8	515.5	514.2	512.9	511.5	512.9	510.2	507.6	507.6
55°	473.5	473.5	477.4	478.8	478.8	476.1	473.5	474.8	473.5	472.2	470.9
57.5°	440.7	435.5	438.1	439.4	439.4	435.5	438.1	435.5	435.5	436.8	432.8
60°	398.7	398.7	396.1	400.1	400.1	397.4	397.4	398.7	396.1	394.8	393.5
62.5°	354.1	355.5	359.4	360.7	362.0	359.4	356.8	358.1	358.1	354.1	355.5
65°	316.1	318.7	324.0	322.7	320.0	321.4	318.7	320.0	316.1	317.4	313.5
67.5°	279.4	278.1	279.4	279.4	282.0	280.7	278.1	278.1	276.8	280.7	276.8
70°	240.0	240.0	240.0	240.0	241.3	242.7	240.0	237.4	238.7	236.1	234.8
72.5°	199.4	200.7	199.4	202.0	198.1	200.7	200.7	199.4	198.1	198.1	198.1
75°	161.3	164.0	160.0	161.3	160.0	162.6	161.3	161.3	158.7	157.4	158.7
77.5°	123.3	124.6	122.0	123.3	122.0	123.3	123.3	122.0	122.0	122.0	122.0
80°	87.9	89.2	87.9	86.6	85.3	87.9	85.3	86.6	87.9	86.6	89.2
82.5°	56.4	56.4	55.1	56.4	53.8	53.8	55.1	55.1	53.8	56.4	53.8
85°	27.5	27.5	30.2	27.5	26.2	26.2	26.2	27.5	26.2	28.9	27.5
87.5°	6.6	5.2	6.6	6.6	5.2	5.2	6.6	5.2	6.6	7.9	5.2
90°	11.5	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.5
92.5°	25.1	23.7	23.3	21.9	22.3	21.6	22.3	21.9	23.3	23.7	25.1
95°	52.3	48.4	43.8	41.0	39.9	40.3	39.9	41.0	43.8	48.4	52.3
97.5°	105.0	94.4	80.6	73.5	69.6	67.5	69.6	73.5	80.6	94.4	105.0
100°	209.0	187.7	158.3	143.1	132.9	126.5	132.9	143.1	158.3	187.7	209.0
102.5°	353.4	330.4	297.9	269.3	255.9	246.7	255.9	269.3	297.9	330.4	353.4
105°	468.1	462.3	440.4	418.4	403.2	398.3	403.2	418.4	440.4	462.3	468.1
107.5°	509.6	516.7	516.3	513.2	508.6	500.4	508.6	513.2	516.3	516.7	509.6
110°	502.9	517.4	532.6	539.3	542.5	542.1	542.5	539.3	532.6	517.4	502.9

TEST NUMBER: P1009503

CATALOG NUMBER: S122DIP-B865D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	480.2	497.3	519.9	532.2	539.0	541.4	539.0	532.2	519.9	497.3	480.2
115°	452.2	470.4	495.5	511.7	520.9	524.1	520.9	511.7	495.5	470.4	452.2
117.5°	425.5	442.8	468.6	485.9	495.5	498.0	495.5	485.9	468.6	442.8	425.5
120°	401.6	417.7	442.5	459.1	469.3	472.9	469.3	459.1	442.5	417.7	401.6
122.5°	383.1	397.2	418.8	435.1	443.9	446.7	443.9	435.1	418.8	397.2	383.1
125°	366.4	379.6	400.1	413.5	422.3	425.2	422.3	413.5	400.1	379.6	366.4
127.5°	352.0	364.4	382.4	395.1	402.9	405.0	402.9	395.1	382.4	364.4	352.0
130°	337.5	349.2	366.5	378.5	385.6	388.4	385.6	378.5	366.5	349.2	337.5
132.5°	322.5	333.3	350.2	362.3	368.6	371.1	368.6	362.3	350.2	333.3	322.5
135°	307.8	317.7	332.9	344.6	350.9	352.4	350.9	344.6	332.9	317.7	307.8
137.5°	293.0	301.8	316.3	326.6	332.2	334.3	332.2	326.6	316.3	301.8	293.0
140°	279.9	287.7	299.0	308.2	313.5	315.6	313.5	308.2	299.0	287.7	279.9
142.5°	267.4	273.5	284.1	292.3	296.9	296.9	296.9	292.3	284.1	273.5	267.4
145°	257.1	262.2	270.7	276.7	280.3	281.3	280.3	276.7	270.7	262.2	257.1
147.5°	248.1	252.0	259.4	264.4	266.8	267.5	266.8	264.4	259.4	252.0	248.1
150°	240.3	243.5	248.8	253.0	255.2	255.5	255.2	253.0	248.8	243.5	240.3
152.5°	233.8	236.4	240.3	243.9	245.3	245.3	245.3	243.9	240.3	236.4	233.8
155°	227.4	229.4	233.3	235.7	237.1	236.4	237.1	235.7	233.3	229.4	227.4
157.5°	221.4	223.0	225.8	228.0	228.7	228.7	228.7	228.0	225.8	223.0	221.4
160°	215.4	216.6	219.1	220.9	221.2	221.2	221.2	220.9	219.1	216.6	215.4
162.5°	209.8	210.6	213.1	214.2	214.5	214.2	214.5	214.2	213.1	210.6	209.8
165°	204.3	205.0	206.4	207.8	207.8	207.5	207.8	207.8	206.4	205.0	204.3
167.5°	199.3	200.0	200.7	201.4	201.4	201.1	201.4	201.4	200.7	200.0	199.3
170°	194.8	195.1	195.4	196.5	196.1	195.4	196.1	196.5	195.4	195.1	194.8
172.5°	190.6	190.8	191.2	191.6	191.2	190.8	191.2	191.6	191.2	190.8	190.6
175°	187.5	187.7	187.7	188.0	187.7	187.0	187.7	188.0	187.7	187.7	187.5
177.5°	185.2	185.2	185.2	185.2	184.8	184.1	184.8	185.2	185.2	185.2	185.2
180°	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8

TEST NUMBER: P1009503

CATALOG NUMBER: S122DIP-B865D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5	1706.5
2.5°	1619.9	1630.4	1626.5	1612.0	1629.1	1629.1	1640.9	1640.9	1655.3	1660.6	1668.4
5°	1528.1	1536.0	1542.5	1536.0	1547.8	1566.1	1576.6	1585.8	1605.5	1613.3	1625.2
7.5°	1429.7	1444.1	1450.7	1450.7	1470.4	1491.4	1512.3	1525.5	1553.0	1563.5	1575.3
10°	1334.0	1351.0	1364.1	1362.8	1395.6	1408.7	1435.0	1465.1	1492.7	1508.4	1525.5
12.5°	1233.0	1242.1	1260.5	1286.7	1294.6	1318.2	1348.4	1386.4	1436.3	1450.7	1475.6
15°	1149.0	1173.9	1188.4	1200.2	1218.5	1240.8	1273.6	1310.4	1360.2	1391.7	1417.9
17.5°	1078.2	1111.0	1120.2	1117.5	1141.1	1175.2	1213.3	1240.8	1285.4	1323.5	1348.4
20°	1020.5	1033.6	1049.3	1055.9	1074.3	1111.0	1147.7	1179.2	1215.9	1246.1	1274.9
22.5°	962.8	973.3	986.4	998.2	1012.6	1033.6	1069.0	1108.4	1143.8	1172.6	1205.4
25°	915.5	922.1	933.9	943.1	958.8	973.3	998.2	1041.5	1083.4	1100.5	1129.3
27.5°	869.6	874.9	882.7	893.2	901.1	915.5	937.8	973.3	1016.5	1033.6	1072.9
30°	829.0	832.9	840.8	846.0	850.0	867.0	884.1	911.6	944.4	968.0	996.9
32.5°	790.9	794.9	802.7	804.0	809.3	818.5	834.2	859.1	888.0	907.7	932.6
35°	749.0	751.6	759.5	762.1	766.0	773.9	785.7	804.0	830.3	844.7	867.0
37.5°	716.2	714.9	720.1	724.0	729.3	733.2	737.2	755.5	775.2	788.3	805.4
40°	680.8	678.1	679.4	684.7	687.3	692.6	692.6	710.9	724.0	734.5	747.6
42.5°	645.3	644.0	641.4	644.0	646.6	648.0	649.3	662.4	675.5	684.7	699.1
45°	609.9	608.6	606.0	607.3	607.3	609.9	613.9	619.1	628.3	636.2	644.0
47.5°	577.1	574.5	570.6	569.3	571.9	571.9	571.9	577.1	586.3	588.9	596.8
50°	543.0	539.1	533.8	531.2	531.2	529.9	532.5	533.8	541.7	544.3	550.9
52.5°	506.3	503.7	498.4	493.2	494.5	491.9	493.2	494.5	497.1	501.1	505.0
55°	469.6	464.3	460.4	459.1	455.1	455.1	451.2	456.5	455.1	456.5	461.7
57.5°	434.2	428.9	422.4	419.7	415.8	414.5	411.9	410.6	411.9	415.8	419.7
60°	392.2	389.6	385.6	381.7	379.1	375.1	372.5	372.5	371.2	371.2	372.5
62.5°	351.5	350.2	345.0	343.7	341.0	338.4	334.5	331.9	331.9	334.5	335.8
65°	312.2	310.9	306.9	305.6	299.1	296.4	295.1	293.8	291.2	291.2	291.2
67.5°	275.4	271.5	271.5	265.0	259.7	257.1	254.5	253.2	253.2	253.2	254.5
70°	234.8	234.8	230.9	226.9	221.7	223.0	219.0	215.1	215.1	212.5	213.8
72.5°	195.4	194.1	190.2	188.9	184.9	181.0	178.4	181.0	177.1	175.8	177.1
75°	157.4	156.1	153.5	150.8	152.2	148.2	144.3	143.0	143.0	140.3	140.3
77.5°	120.7	123.3	118.0	116.7	114.1	111.5	110.2	108.9	108.9	108.9	111.5
80°	83.9	85.3	85.3	82.6	83.9	80.0	80.0	80.0	76.1	77.4	78.7
82.5°	53.8	53.8	52.5	53.8	52.5	52.5	51.2	51.2	49.8	49.8	51.2
85°	30.2	28.9	27.5	30.2	28.9	28.9	27.5	27.5	27.5	27.5	27.5
87.5°	6.6	7.9	7.9	7.9	7.9	9.2	9.2	9.2	10.5	10.5	10.5
90°	11.3	10.6	11.3	11.7	12.0	11.7	9.5	7.1	5.3	4.8	4.2
92.5°	26.5	30.4	35.7	45.6	54.4	53.7	41.7	28.3	18.7	16.8	14.8
95°	56.2	71.0	92.6	121.2	138.5	122.6	81.6	50.9	34.6	30.4	26.2
97.5°	115.6	151.3	189.4	227.6	225.8	174.6	108.5	65.7	44.9	40.1	35.3
100°	230.4	278.8	322.7	330.1	279.2	192.3	115.9	72.8	54.1	49.2	44.2
102.5°	376.4	408.5	410.0	368.3	281.0	185.5	116.3	79.2	62.2	57.2	52.3
105°	473.9	469.3	429.4	355.9	261.9	176.4	118.0	86.6	70.0	65.0	60.1
107.5°	502.6	467.9	408.5	329.7	244.2	171.4	121.9	94.0	77.8	72.8	67.9
110°	488.4	443.2	379.9	305.4	232.2	170.0	126.9	101.4	85.9	80.8	75.6

TEST NUMBER: P1009503

CATALOG NUMBER: S122DIP-B865D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	463.0	413.8	353.8	288.4	224.4	170.3	132.2	108.5	93.7	88.4	83.1
115°	434.0	387.7	333.3	275.0	219.1	171.8	137.5	115.9	100.7	96.0	91.2
117.5°	408.2	365.1	316.3	265.8	216.3	173.9	143.1	122.6	108.5	103.6	98.6
120°	385.6	348.1	304.3	258.7	213.8	176.0	148.8	129.7	115.9	111.0	106.0
122.5°	369.0	334.0	294.7	252.7	212.4	178.5	153.7	136.4	123.7	118.6	113.4
125°	353.1	322.0	285.6	247.0	210.6	180.9	159.0	143.1	130.4	125.4	120.5
127.5°	339.6	309.9	276.4	241.7	209.6	183.4	164.0	149.5	137.1	132.0	126.9
130°	325.8	297.9	267.5	236.4	208.9	186.2	168.6	155.1	142.8	137.9	132.9
132.5°	311.7	286.6	259.1	232.2	208.5	189.1	173.2	160.1	148.4	143.4	138.5
135°	297.9	274.6	251.3	228.3	208.2	191.2	177.1	164.7	153.4	148.4	143.5
137.5°	284.1	265.1	244.9	225.5	208.2	193.3	180.2	168.6	157.3	152.7	148.1
140°	272.1	255.9	238.9	223.0	207.8	194.7	182.7	171.8	161.2	156.6	152.0
142.5°	261.2	247.7	234.0	220.5	207.8	195.8	184.8	174.2	164.0	159.8	155.5
145°	252.0	241.0	229.4	218.4	207.1	196.5	186.6	176.7	167.2	163.3	159.4
147.5°	244.2	235.4	225.8	216.3	206.0	196.9	187.7	178.8	169.6	166.1	162.6
150°	237.1	229.7	221.9	213.5	205.0	196.5	188.4	180.2	172.1	169.0	165.8
152.5°	231.1	225.1	218.1	211.0	203.2	195.8	188.7	181.7	174.6	171.8	168.9
155°	225.5	220.2	214.5	207.8	201.1	195.1	189.1	183.1	177.1	174.4	171.8
157.5°	219.8	215.2	210.3	205.0	199.0	193.7	189.1	184.1	178.8	176.5	174.2
160°	214.2	210.3	206.4	201.8	196.9	192.6	189.1	184.8	180.6	178.6	176.7
162.5°	208.9	205.7	202.5	199.0	195.1	191.6	188.7	185.2	181.7	180.2	178.8
165°	203.6	201.1	198.6	195.8	192.6	190.1	188.0	185.5	182.4	181.3	180.2
167.5°	198.6	196.9	194.7	192.6	190.5	188.7	187.7	185.5	183.1	182.4	181.7
170°	194.4	193.0	191.9	190.1	188.7	187.7	187.0	185.2	183.4	182.9	182.4
172.5°	190.5	189.4	188.7	187.7	186.6	186.2	185.9	184.8	183.8	183.4	183.1
175°	187.3	187.0	186.6	185.5	185.2	184.8	185.2	184.5	183.8	183.6	183.4
177.5°	185.2	184.8	184.8	184.1	183.8	184.1	184.8	184.1	183.8	183.8	183.8
180°	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8

TEST NUMBER: P1009503

CATALOG NUMBER: S122DIP-B865D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1706.5	1706.5	1706.5	1706.5
2.5°	1675.0	1675.0	1694.7	1715.7
5°	1638.3	1647.4	1678.9	1707.8
7.5°	1602.9	1618.6	1657.9	1694.7
10°	1559.6	1580.6	1629.1	1672.4
12.5°	1517.6	1537.3	1593.7	1642.2
15°	1458.6	1483.5	1543.8	1604.2
17.5°	1399.5	1424.5	1497.9	1568.7
20°	1330.0	1362.8	1445.5	1539.9
22.5°	1265.8	1306.4	1398.2	1474.3
25°	1194.9	1257.9	1343.1	1441.5
27.5°	1132.0	1194.9	1281.5	1381.2
30°	1061.1	1125.4	1214.6	1306.4
32.5°	992.9	1052.0	1138.5	1251.3
35°	922.1	978.5	1062.4	1176.6
37.5°	857.8	912.9	1004.7	1109.7
40°	794.9	852.6	931.3	1036.2
42.5°	735.8	787.0	857.8	962.8
45°	682.1	718.8	784.4	882.7
47.5°	625.7	658.5	718.8	817.2
50°	573.2	600.7	653.2	745.0
52.5°	522.0	545.7	594.2	667.6
55°	476.1	498.4	533.8	606.0
57.5°	428.9	446.0	480.1	537.8
60°	383.0	398.7	426.3	473.5
62.5°	337.1	350.2	376.4	414.5
65°	296.4	306.9	326.6	359.4
67.5°	257.1	263.6	279.4	305.6
70°	219.0	224.3	237.4	258.4
72.5°	178.4	183.6	198.1	212.5
75°	144.3	145.6	156.1	167.9
77.5°	112.8	111.5	119.4	128.5
80°	77.4	81.3	87.9	91.8
82.5°	52.5	53.8	56.4	59.0
85°	28.9	30.2	30.2	34.1
87.5°	11.8	13.1	13.1	14.4
90°	3.5	2.8	1.4	0.4
92.5°	12.0	10.2	7.4	5.3
95°	20.5	17.3	13.8	12.4
97.5°	29.0	24.4	20.5	18.4
100°	37.1	31.5	28.3	27.2
102.5°	44.9	39.2	36.0	35.3
105°	52.3	47.0	44.5	43.1
107.5°	60.1	55.1	52.7	51.6
110°	68.2	63.6	61.5	60.1

TEST NUMBER: P1009503

CATALOG NUMBER: S122DIP-B865D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	76.0	71.7	69.3	67.9
115°	84.1	79.9	77.8	76.0
117.5°	91.9	88.0	85.9	84.5
120°	99.0	95.8	93.7	92.2
122.5°	106.4	102.8	100.7	99.7
125°	113.4	109.2	107.1	106.0
127.5°	120.2	115.6	112.7	111.3
130°	125.8	120.9	117.3	115.9
132.5°	131.1	125.8	121.9	120.2
135°	135.4	130.1	125.8	124.4
137.5°	140.0	134.3	130.1	128.3
140°	144.2	138.5	134.3	132.9
142.5°	148.1	142.4	138.5	137.5
145°	152.3	147.0	143.5	142.1
147.5°	156.6	151.6	148.1	147.0
150°	160.5	155.9	153.0	152.0
152.5°	164.0	160.1	157.3	156.9
155°	167.9	164.0	161.9	161.5
157.5°	171.1	167.5	165.8	165.4
160°	173.9	171.1	169.6	169.3
162.5°	176.4	174.2	172.8	173.2
165°	178.5	176.4	175.6	176.0
167.5°	180.2	178.8	178.1	178.5
170°	181.7	180.6	180.2	180.9
172.5°	182.7	181.7	182.0	182.4
175°	183.4	182.7	183.1	183.4
177.5°	183.8	183.1	183.4	184.1
180°	183.8	183.8	183.8	183.8

(END OF REPORT)