

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: P1027477

Luminaire Tested: S125DIP-B1090D610UB50-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027477
REPORT IS A COMBINATION OF REPORTS P1001452 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B1090D610UB50-4F0-XX-W2A-A4
Description: Define 5 Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

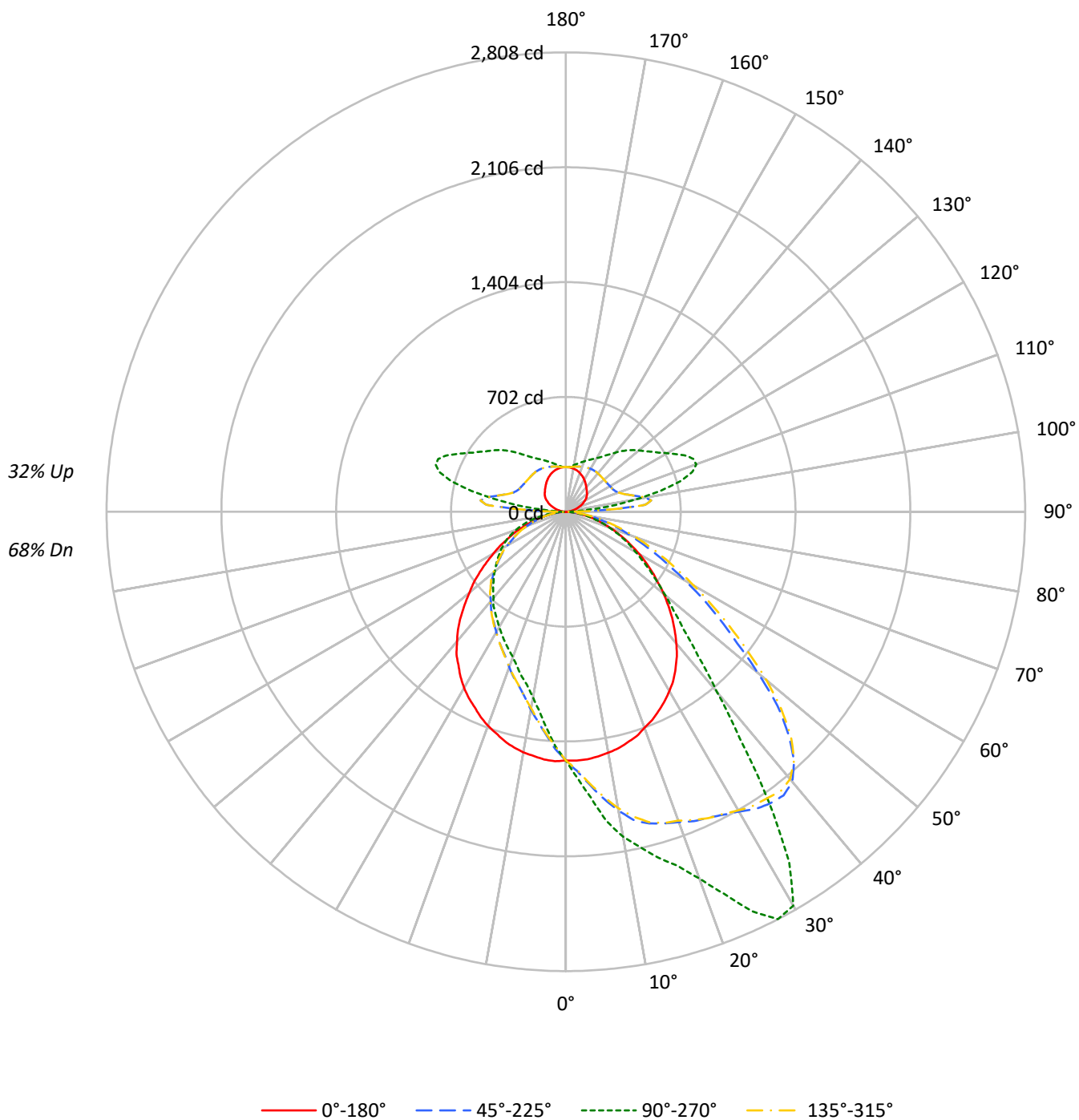
Lumens per Lamp: N/A
Luminaire Lumens: 6338.0 lumens
Efficiency: N/A
Efficacy: 101.9 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

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					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	105	105	105	105	93	93	93	82	82	82	72	72	72	65	65	65
1	102	98	94	90	96	92	89	86	82	80	77	73	71	69	65	63	62	58	56	54
2	93	86	80	74	88	81	76	71	72	68	65	64	61	58	57	55	52	49	47	45
3	85	76	68	62	80	72	65	60	64	59	55	57	53	50	51	48	45	42	40	38
4	78	67	59	53	73	64	56	51	57	51	47	51	47	43	46	42	39	36	34	32
5	72	60	52	46	68	57	50	44	51	45	41	46	41	37	41	37	34	31	29	27
6	66	54	46	40	62	51	44	38	46	40	36	42	37	33	37	33	30	27	25	23
7	61	49	41	35	58	47	39	34	42	36	31	38	33	29	34	30	27	24	22	20
8	57	44	37	31	54	42	35	30	38	32	28	35	30	26	31	27	24	22	20	18
9	53	41	33	28	50	39	32	27	35	29	25	32	27	23	29	25	22	20	18	16
10	50	37	30	25	47	36	29	24	33	27	23	30	25	21	27	23	20	18	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9738	9738	9738	9738
5°	9746	11048	9754	8381
10°	9686	12592	9669	7194
15°	9615	13653	9555	6500
20°	9494	14961	9407	5934
25°	9386	17143	9214	5599
30°	9231	18085	9071	5296
35°	8986	14497	8798	5051
40°	8604	10020	8477	4794
45°	8121	7460	8029	4580
50°	7568	6141	7443	4408
55°	6972	5238	6917	4259
60°	6387	4484	6275	4144
65°	5756	3872	5662	3975
70°	5089	3215	5020	3682
75°	4381	2487	4325	3197
80°	3461	1681	3335	2350
85°	2213	842	2138	1197

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 14875 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.3	2.3
10°-20°	435.7	6.9
20°-30°	707.8	11.2
30°-40°	865.0	13.6
40°-50°	784.6	12.4
50°-60°	624.9	9.9
60°-70°	435.3	6.9
70°-80°	231.9	3.7
80°-90°	58.6	0.9
90°-100°	198.3	3.1
100°-110°	427.7	6.7
110°-120°	398.7	6.3
120°-130°	323.0	5.1
130°-140°	259.3	4.1
140°-150°	195.6	3.1
150°-160°	137.7	2.2
160°-170°	81.2	1.3
170°-180°	26.4	0.4
0°-30°	1289.8	20.3
0°-40°	2154.8	34.0
0°-60°	3564.3	56.2
0°-90°	4290.1	67.7
90°-120°	1024.8	16.2
90°-150°	1802.6	28.4
90°-180°	2048.0	32.3
0°-180°	6338.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1520	1520	1520	1520	1520	
5°	1519	1754	1520	1330	1519	144
15°	1459	2190	1450	1042	1459	412
25°	1343	2694	1319	880	1343	619
35°	1169	2162	1144	754	1169	730
45°	919	1019	908	626	919	708
55°	646	628	641	511	646	578
65°	400	386	394	396	400	397
75°	194	190	191	244	194	206
85°	39	43	37	61	39	46
90°	0	13	0	13	0	4
95°	18	129	18	129	18	19
105°	62	728	62	728	62	65
115°	111	811	111	811	111	109
125°	154	639	154	639	154	137
135°	180	531	180	531	180	140
145°	210	419	210	419	210	132
155°	240	351	240	351	240	110
165°	262	308	262	308	262	74
175°	272	276	272	276	272	26
180°	273	273	273	273	273	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9
2.5°	1522.5	1531.5	1541.9	1549.6	1562.5	1566.4	1572.8	1576.7	1580.6	1584.4	1587.0
5°	1518.6	1540.6	1559.9	1574.1	1598.6	1607.7	1619.3	1633.5	1650.2	1664.4	1673.5
7.5°	1508.3	1543.1	1569.0	1597.3	1630.9	1652.8	1664.4	1694.1	1721.2	1741.8	1768.9
10°	1495.4	1536.7	1576.7	1619.3	1667.0	1691.5	1714.8	1756.0	1793.5	1827.0	1854.1
12.5°	1481.2	1531.5	1579.3	1634.8	1699.3	1728.9	1744.4	1815.4	1861.8	1879.9	1932.8
15°	1459.3	1518.6	1587.0	1655.4	1709.6	1744.4	1787.0	1843.8	1890.2	1930.2	1972.8
17.5°	1438.6	1503.1	1572.8	1648.9	1727.7	1772.8	1805.1	1855.4	1905.7	1957.3	1997.3
20°	1405.1	1489.0	1559.9	1641.2	1734.1	1766.4	1799.9	1859.3	1913.5	1968.9	2019.3
22.5°	1378.0	1458.0	1554.8	1632.2	1710.9	1743.1	1784.4	1846.4	1910.9	1974.1	2047.6
25°	1343.2	1432.2	1516.1	1598.6	1679.9	1714.8	1752.2	1832.2	1899.3	1980.5	2061.8
27.5°	1305.7	1397.3	1481.2	1556.0	1632.2	1679.9	1719.9	1803.8	1892.8	1981.8	2087.6
30°	1265.7	1352.2	1432.2	1505.7	1589.6	1638.6	1678.6	1776.7	1876.0	1989.6	2116.0
32.5°	1223.2	1304.4	1372.8	1447.7	1536.7	1581.9	1636.0	1743.1	1860.5	1996.0	2154.7
35°	1169.0	1246.4	1307.0	1383.2	1472.2	1530.2	1587.0	1707.0	1843.8	1994.7	2176.7
37.5°	1114.8	1175.4	1233.5	1314.8	1418.0	1470.9	1530.2	1661.9	1818.0	1990.9	2185.7
40°	1050.3	1109.6	1159.9	1242.5	1350.9	1411.5	1473.5	1611.5	1788.3	1976.7	2153.4
42.5°	985.8	1036.1	1091.6	1178.0	1282.5	1347.0	1412.8	1566.4	1749.6	1935.4	2064.4
45°	918.7	957.4	1018.0	1096.7	1207.7	1269.6	1344.4	1510.9	1695.4	1860.5	1925.1
47.5°	849.0	887.7	944.5	1020.6	1130.3	1203.8	1274.8	1441.2	1627.0	1754.7	1754.7
50°	781.9	812.9	868.3	944.5	1055.4	1122.5	1194.8	1371.5	1521.2	1615.4	1531.5
52.5°	709.6	744.5	790.9	870.9	980.6	1041.2	1119.9	1270.9	1412.8	1451.5	1322.5
55°	646.4	674.8	718.7	794.8	896.7	960.0	1027.0	1171.6	1291.5	1289.0	1150.9
57.5°	580.6	603.8	650.3	720.0	814.2	870.9	938.0	1063.2	1161.2	1126.4	996.1
60°	520.0	536.7	581.9	638.7	729.0	781.9	846.4	948.3	1023.2	974.1	842.5
62.5°	456.8	476.1	512.2	567.7	647.7	690.3	738.0	841.2	889.0	845.1	710.9
65°	400.0	415.5	447.7	494.2	566.4	605.1	646.4	731.6	776.7	713.5	602.5
67.5°	343.2	361.3	384.5	425.8	482.6	518.7	554.8	628.4	649.0	592.2	499.3
70°	290.3	305.8	327.7	357.4	405.1	437.4	464.5	525.1	539.3	486.4	412.9
72.5°	238.7	249.0	267.1	291.6	335.5	353.5	381.9	423.2	441.3	393.5	340.6
75°	193.5	201.3	212.9	231.0	260.6	280.0	303.2	341.9	340.6	307.1	269.7
77.5°	149.7	151.0	163.9	180.6	198.7	215.5	227.1	254.2	256.8	236.1	205.2
80°	107.1	111.0	116.1	129.0	144.5	151.0	165.2	181.9	184.5	169.0	148.4
82.5°	68.4	71.0	74.8	82.6	92.9	100.6	108.4	114.8	121.3	112.3	95.5
85°	38.7	40.0	43.9	46.4	51.6	55.5	61.9	68.4	67.1	60.6	55.5
87.5°	19.4	19.4	19.4	21.9	24.5	24.5	27.1	28.4	29.7	27.1	24.5
90°	0.5	1.1	2.2	3.3	4.4	5.0	5.5	6.0	7.1	7.7	8.8
92.5°	8.2	9.9	15.4	23.6	35.2	45.1	55.0	92.4	155.0	223.2	219.3
95°	18.1	18.7	23.1	29.1	41.2	53.6	66.0	124.8	245.7	397.4	487.0
97.5°	28.0	28.6	31.9	37.9	48.9	58.0	67.1	107.7	200.6	364.5	526.1
100°	38.5	39.6	41.8	47.8	58.3	66.6	74.8	106.6	178.1	316.6	496.4
102.5°	50.0	50.6	52.2	58.8	68.2	76.2	84.1	111.6	168.8	280.4	444.2
105°	62.1	62.1	64.9	70.4	79.2	86.9	94.6	118.7	167.7	259.5	398.5
107.5°	73.7	74.8	77.5	81.9	91.3	98.2	105.0	128.6	171.5	248.5	364.5
110°	86.3	87.4	89.6	94.6	102.8	110.0	117.1	139.6	177.6	244.1	341.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	98.9	100.0	101.7	106.6	114.9	121.8	128.6	150.1	185.3	244.1	328.7
115°	111.0	112.1	113.8	118.7	127.0	133.8	140.7	161.1	192.9	245.7	319.9
117.5°	122.0	123.7	125.3	130.3	139.6	146.2	152.8	172.1	201.7	248.5	315.0
120°	133.0	134.7	136.9	141.8	151.2	158.0	164.9	184.2	210.5	252.9	311.7
122.5°	144.6	145.7	147.3	152.3	162.7	169.6	176.5	195.7	220.4	256.7	308.9
125°	153.9	155.0	157.8	162.7	173.2	180.4	187.5	205.6	229.2	261.1	306.7
127.5°	161.6	163.3	166.6	172.6	183.6	190.8	197.9	215.5	237.5	266.1	305.6
130°	168.8	170.4	174.8	182.0	193.5	200.6	207.8	224.8	245.7	270.5	304.5
132.5°	174.3	176.5	182.0	190.2	202.3	209.4	216.6	233.6	252.9	275.4	304.5
135°	180.3	182.5	189.1	197.9	209.4	216.8	224.3	241.3	259.5	279.8	304.5
137.5°	188.0	189.7	195.7	204.5	216.0	223.7	231.4	246.8	264.4	284.2	305.1
140°	194.6	196.2	202.8	211.6	222.1	229.5	236.9	252.9	269.4	286.9	305.6
142.5°	202.3	203.4	209.4	218.2	228.1	235.0	241.9	256.7	272.1	288.6	306.2
145°	210.0	211.1	216.6	224.3	234.2	240.5	246.8	261.1	274.9	289.7	305.6
147.5°	218.2	218.8	223.7	230.9	239.7	245.4	251.2	263.9	276.5	290.2	304.5
150°	225.4	226.5	230.3	237.5	245.2	249.8	254.5	266.6	278.2	290.2	302.9
152.5°	233.1	233.6	236.9	243.0	250.1	254.2	258.4	269.4	279.3	289.7	300.7
155°	239.7	239.7	243.0	248.5	254.0	257.8	261.7	271.0	279.8	288.6	297.9
157.5°	245.7	245.7	248.5	253.4	258.4	261.4	264.4	272.7	280.4	287.5	295.2
160°	251.8	251.2	253.4	257.3	261.7	264.2	266.6	273.8	280.4	285.8	292.4
162.5°	256.7	256.2	258.4	261.7	265.0	266.9	268.8	274.9	279.8	284.2	289.1
165°	261.7	260.6	262.2	265.0	267.2	268.8	270.5	274.9	279.3	282.6	285.8
167.5°	265.0	264.4	265.5	267.2	268.8	269.9	271.0	274.9	278.2	279.8	282.6
170°	268.3	267.7	268.3	269.4	270.5	271.3	272.1	274.9	277.1	278.2	279.8
172.5°	270.5	269.4	269.9	271.0	271.6	271.8	272.1	274.3	276.0	276.0	276.5
175°	272.1	271.0	271.6	272.1	272.1	272.1	272.1	273.8	274.9	274.3	274.3
177.5°	273.2	272.1	272.1	272.7	272.1	272.1	272.1	273.2	273.8	272.7	272.7
180°	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9
2.5°	1589.6	1598.6	1606.4	1612.8	1618.0	1625.7	1620.6	1621.9	1624.4	1629.6	1629.6
5°	1692.8	1707.0	1714.8	1740.6	1747.0	1745.7	1741.8	1762.5	1761.2	1753.5	1752.2
7.5°	1793.5	1818.0	1839.9	1860.5	1867.0	1883.8	1887.6	1896.7	1894.1	1907.0	1900.5
10°	1885.1	1923.8	1944.4	1975.4	1983.1	1990.9	2001.2	2006.3	2018.0	2016.7	2016.7
12.5°	1956.0	2002.5	2029.6	2037.3	2067.0	2076.0	2085.1	2101.8	2098.0	2099.2	2107.0
15°	2011.5	2056.7	2079.9	2116.0	2136.7	2147.0	2162.5	2180.5	2178.0	2189.6	2187.0
17.5°	2052.8	2095.4	2138.0	2192.1	2193.4	2220.5	2256.7	2264.4	2281.2	2269.6	2269.6
20°	2086.3	2143.1	2203.8	2273.4	2281.2	2297.9	2341.8	2371.5	2390.8	2384.4	2388.3
22.5°	2122.5	2203.8	2274.7	2344.4	2381.8	2411.5	2454.1	2500.5	2517.3	2527.6	2525.0
25°	2168.9	2254.1	2358.6	2455.4	2494.1	2550.8	2607.6	2652.8	2665.7	2694.1	2668.3
27.5°	2216.7	2336.7	2467.0	2580.5	2629.5	2676.0	2744.4	2777.9	2794.7	2807.6	2798.6
30°	2256.7	2421.8	2563.7	2668.3	2703.1	2730.2	2768.9	2776.6	2770.2	2780.5	2793.4
32.5°	2318.6	2479.9	2599.9	2650.2	2646.3	2645.0	2615.3	2574.1	2565.0	2540.5	2574.1
35°	2352.1	2481.2	2527.6	2460.5	2433.4	2384.4	2290.2	2228.3	2174.1	2162.5	2165.1
37.5°	2332.8	2383.1	2327.6	2150.9	2107.0	2032.2	1907.0	1819.3	1779.3	1748.3	1788.3
40°	2228.3	2172.8	2020.5	1805.1	1741.8	1670.9	1553.5	1505.7	1449.0	1437.3	1490.2
42.5°	2055.4	1886.4	1670.9	1504.4	1438.6	1398.6	1300.6	1255.4	1215.4	1197.4	1227.0
45°	1820.6	1615.4	1398.6	1261.9	1206.4	1158.7	1100.6	1052.8	1027.0	1019.3	1043.8
47.5°	1578.0	1361.2	1188.3	1086.4	1028.3	992.2	938.0	910.9	890.3	892.9	896.7
50°	1345.7	1148.3	1015.4	913.5	885.1	856.7	820.6	797.4	787.1	790.9	788.3
52.5°	1145.7	985.8	873.5	794.8	781.9	754.8	725.1	705.8	701.9	703.2	707.1
55°	970.3	845.1	756.1	699.3	685.1	665.8	647.7	634.8	624.5	628.4	627.1
57.5°	837.4	727.7	659.3	612.9	602.5	590.9	574.2	567.7	563.8	556.1	562.6
60°	720.0	630.9	571.6	543.2	534.2	526.4	508.4	500.6	498.0	494.2	504.5
62.5°	609.0	545.8	500.6	474.8	465.8	458.0	449.0	442.6	443.8	438.7	443.8
65°	521.3	469.7	437.4	414.2	402.6	397.4	396.1	385.8	384.5	385.8	387.1
67.5°	440.0	396.1	371.6	357.4	348.4	343.2	339.3	332.9	338.0	334.2	336.8
70°	366.4	336.8	311.0	296.8	292.9	294.2	287.7	285.1	286.4	283.9	286.4
72.5°	295.5	271.0	260.6	250.3	245.1	243.9	240.0	236.1	240.0	238.7	238.7
75°	236.1	218.1	206.4	200.0	200.0	197.4	191.0	191.0	191.0	189.7	191.0
77.5°	181.9	166.4	161.3	154.8	154.8	151.0	149.7	149.7	147.1	151.0	148.4
80°	135.5	123.9	116.1	112.3	112.3	111.0	108.4	107.1	108.4	107.1	107.1
82.5°	87.7	82.6	78.7	74.8	73.5	74.8	73.5	71.0	72.3	71.0	73.5
85°	50.3	45.2	45.2	42.6	43.9	41.3	42.6	40.0	38.7	42.6	40.0
87.5°	21.9	20.6	20.6	18.1	18.1	18.1	16.8	18.1	16.8	15.5	16.8
90°	9.3	9.9	10.4	11.0	11.6	12.1	12.1	12.1	12.6	12.6	12.6
92.5°	177.0	119.3	85.8	63.8	58.6	53.3	44.5	42.9	41.8	40.7	41.8
95°	476.6	395.2	311.7	244.1	221.0	197.9	158.9	142.4	138.0	129.2	138.0
97.5°	595.3	566.8	500.2	432.1	399.1	366.1	333.1	304.5	289.7	283.1	289.7
100°	633.8	676.1	649.2	592.6	564.0	535.4	497.5	457.9	437.6	428.8	437.6
102.5°	610.7	713.0	740.5	720.7	703.7	686.6	645.4	620.1	597.5	591.5	597.5
105°	556.3	688.2	763.5	787.7	784.7	781.7	764.1	746.0	735.0	728.4	735.0
107.5°	504.6	637.7	737.2	795.4	807.5	819.6	824.6	821.8	816.3	810.8	816.3
110°	461.8	580.5	684.9	762.4	785.8	809.2	833.9	844.4	848.2	848.2	848.2

TEST NUMBER: P1027477

CATALOG NUMBER: S125DIP-B1090D610UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	429.9	535.4	633.3	711.9	740.4	769.0	808.1	827.9	838.9	843.8	838.9
115°	408.4	499.1	584.3	659.7	689.7	719.6	762.4	788.8	804.2	811.4	804.2
117.5°	394.1	473.9	549.2	615.1	643.4	671.7	715.2	742.7	758.1	762.4	758.1
120°	382.6	454.1	520.0	580.5	604.7	628.9	669.5	695.9	710.8	715.2	710.8
122.5°	372.7	439.2	499.1	551.4	573.6	595.9	631.1	654.7	669.5	673.4	669.5
125°	363.9	424.9	481.0	528.8	548.6	568.4	599.2	621.7	633.8	639.3	633.8
127.5°	355.7	410.1	463.4	508.5	527.2	545.9	573.9	594.2	605.8	608.0	605.8
130°	347.4	396.3	444.7	487.6	505.4	523.3	550.8	569.0	579.9	583.2	579.9
132.5°	340.8	382.6	427.1	465.1	482.1	499.1	526.6	544.8	554.7	558.5	554.7
135°	335.9	371.1	409.0	444.2	459.8	475.5	499.7	517.8	527.7	531.0	527.7
137.5°	330.9	360.6	392.5	422.7	436.4	450.2	472.2	489.2	498.6	502.4	498.6
140°	327.6	352.4	378.2	403.5	415.0	426.6	446.9	461.2	469.5	472.2	469.5
142.5°	324.9	345.2	366.1	387.0	396.6	406.2	422.7	434.3	442.0	444.2	442.0
145°	322.1	339.2	356.2	373.3	380.7	388.1	401.3	410.6	416.7	418.9	416.7
147.5°	319.4	333.1	347.4	361.2	367.0	372.7	383.7	391.4	395.2	396.3	395.2
150°	316.1	328.2	340.3	350.7	355.6	360.6	368.9	375.5	377.7	378.2	377.7
152.5°	312.2	322.7	333.1	342.5	346.0	349.6	356.2	361.2	363.4	363.9	363.4
155°	307.8	317.2	326.0	333.7	336.7	339.7	345.2	349.1	350.7	351.3	350.7
157.5°	304.0	311.7	319.4	325.4	327.9	330.4	334.8	338.1	339.7	339.7	339.7
160°	299.0	306.2	311.7	317.2	319.1	321.0	324.9	327.6	328.7	328.2	328.7
162.5°	294.6	300.1	305.1	309.5	311.2	312.8	315.5	317.7	317.7	317.7	317.7
165°	290.2	294.6	298.5	301.8	303.2	304.5	306.7	307.8	307.8	307.8	307.8
167.5°	285.8	289.1	291.9	294.6	295.7	296.8	297.9	299.0	298.5	298.5	298.5
170°	282.0	284.7	286.4	288.0	288.6	289.1	290.2	290.8	290.8	290.2	290.8
172.5°	278.2	279.8	281.5	282.6	282.8	283.1	283.1	284.2	283.1	282.6	283.1
175°	274.9	276.5	276.5	277.6	277.6	277.6	277.6	278.2	277.1	276.5	277.1
177.5°	273.2	273.8	274.3	274.3	274.3	274.3	273.8	274.3	272.7	272.7	272.7
180°	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7

TEST NUMBER: P1027477

CATALOG NUMBER: S125DIP-B1090D610UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9
2.5°	1627.0	1618.0	1620.6	1618.0	1611.5	1607.7	1597.3	1584.4	1579.3	1572.8	1569.0
5°	1757.3	1750.9	1749.6	1739.3	1736.7	1721.2	1695.4	1682.5	1667.0	1651.5	1636.0
7.5°	1899.3	1891.5	1865.7	1861.8	1864.4	1845.1	1811.5	1785.7	1753.5	1731.5	1701.8
10°	2016.7	2001.2	1979.3	1980.5	1971.5	1945.7	1912.2	1885.1	1838.6	1810.2	1767.7
12.5°	2087.6	2074.7	2072.2	2059.2	2051.5	2018.0	1978.0	1943.1	1908.3	1869.6	1837.3
15°	2174.1	2157.3	2145.7	2127.6	2122.5	2087.6	2043.8	2003.8	1963.8	1927.6	1859.3
17.5°	2269.6	2251.5	2207.6	2203.8	2172.8	2139.2	2096.7	2037.3	1994.7	1943.1	1892.8
20°	2377.9	2352.1	2295.4	2281.2	2256.7	2201.2	2143.1	2077.3	2008.9	1956.0	1896.7
22.5°	2499.2	2454.1	2412.8	2367.6	2349.6	2281.2	2201.2	2121.2	2038.6	1966.4	1895.4
25°	2656.6	2597.3	2539.2	2494.1	2463.1	2374.1	2267.0	2161.2	2065.7	1971.5	1878.6
27.5°	2780.5	2728.9	2665.7	2606.3	2566.3	2460.5	2337.9	2201.2	2082.5	1967.6	1868.3
30°	2789.5	2774.1	2735.3	2703.1	2659.2	2545.7	2410.2	2255.4	2108.3	1968.9	1847.6
32.5°	2620.5	2651.5	2668.3	2673.4	2664.4	2598.6	2474.7	2304.4	2131.5	1957.3	1829.6
35°	2256.7	2339.2	2441.2	2479.9	2517.3	2552.1	2487.6	2339.2	2139.2	1954.7	1801.2
37.5°	1858.0	1932.8	2101.8	2179.2	2223.1	2361.2	2414.1	2334.1	2154.7	1957.3	1774.1
40°	1499.3	1618.0	1739.3	1843.8	1912.2	2067.0	2230.9	2248.9	2132.8	1932.8	1739.3
42.5°	1261.9	1331.5	1423.2	1519.9	1580.6	1763.8	1985.7	2116.0	2064.4	1892.8	1696.7
45°	1074.8	1126.4	1212.8	1245.1	1322.5	1498.0	1732.8	1921.2	1947.0	1829.6	1647.7
47.5°	922.5	966.4	1021.9	1061.9	1123.8	1255.4	1454.1	1661.9	1785.7	1743.1	1579.3
50°	812.9	849.0	895.4	918.7	958.7	1077.4	1227.0	1433.5	1599.9	1614.1	1490.2
52.5°	721.3	741.9	778.0	803.8	836.1	908.3	1043.8	1214.1	1401.2	1478.6	1380.6
55°	641.3	658.0	690.3	707.1	723.8	785.8	891.6	1046.4	1221.9	1323.8	1268.3
57.5°	569.0	583.2	610.3	625.8	634.8	694.2	775.4	896.7	1054.1	1178.0	1147.0
60°	509.7	522.6	538.0	549.6	560.0	609.0	665.8	763.8	904.5	1024.5	1016.7
62.5°	446.4	458.0	474.8	486.4	495.5	526.4	574.2	649.0	769.0	880.0	901.9
65°	390.9	400.0	411.6	416.8	428.4	451.6	490.3	557.4	655.5	754.8	770.3
67.5°	340.6	343.2	350.9	362.6	365.1	385.8	420.6	470.9	547.1	628.4	652.9
70°	286.4	290.3	296.8	305.8	311.0	323.9	353.5	387.1	452.9	523.8	541.9
72.5°	238.7	243.9	246.4	251.6	254.2	274.8	287.7	321.3	366.4	425.8	445.1
75°	193.5	198.7	200.0	202.6	205.2	214.2	232.2	252.9	290.3	329.0	354.8
77.5°	153.5	152.3	154.8	158.7	157.4	165.2	176.8	194.8	219.3	251.6	268.4
80°	108.4	108.4	112.3	116.1	114.8	122.6	126.4	139.3	160.0	180.6	187.1
82.5°	72.3	72.3	76.1	76.1	78.7	80.0	85.2	91.6	108.4	118.7	122.6
85°	41.3	41.3	42.6	42.6	42.6	45.2	49.0	51.6	56.8	63.2	65.8
87.5°	16.8	18.1	18.1	18.1	18.1	20.6	20.6	23.2	24.5	27.1	27.1
90°	12.1	12.1	12.1	11.6	11.0	10.4	9.9	9.3	8.8	7.7	7.1
92.5°	42.9	44.5	53.3	58.6	63.8	85.8	119.3	177.0	219.3	223.2	155.0
95°	142.4	158.9	197.9	221.0	244.1	311.7	395.2	476.6	487.0	397.4	245.7
97.5°	304.5	333.1	366.1	399.1	432.1	500.2	566.8	595.3	526.1	364.5	200.6
100°	457.9	497.5	535.4	564.0	592.6	649.2	676.1	633.8	496.4	316.6	178.1
102.5°	620.1	645.4	686.6	703.7	720.7	740.5	713.0	610.7	444.2	280.4	168.8
105°	746.0	764.1	781.7	784.7	787.7	763.5	688.2	556.3	398.5	259.5	167.7
107.5°	821.8	824.6	819.6	807.5	795.4	737.2	637.7	504.6	364.5	248.5	171.5
110°	844.4	833.9	809.2	785.8	762.4	684.9	580.5	461.8	341.9	244.1	177.6

TEST NUMBER: P1027477

CATALOG NUMBER: S125DIP-B1090D610UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	827.9	808.1	769.0	740.4	711.9	633.3	535.4	429.9	328.7	244.1	185.3
115°	788.8	762.4	719.6	689.7	659.7	584.3	499.1	408.4	319.9	245.7	192.9
117.5°	742.7	715.2	671.7	643.4	615.1	549.2	473.9	394.1	315.0	248.5	201.7
120°	695.9	669.5	628.9	604.7	580.5	520.0	454.1	382.6	311.7	252.9	210.5
122.5°	654.7	631.1	595.9	573.6	551.4	499.1	439.2	372.7	308.9	256.7	220.4
125°	621.7	599.2	568.4	548.6	528.8	481.0	424.9	363.9	306.7	261.1	229.2
127.5°	594.2	573.9	545.9	527.2	508.5	463.4	410.1	355.7	305.6	266.1	237.5
130°	569.0	550.8	523.3	505.4	487.6	444.7	396.3	347.4	304.5	270.5	245.7
132.5°	544.8	526.6	499.1	482.1	465.1	427.1	382.6	340.8	304.5	275.4	252.9
135°	517.8	499.7	475.5	459.8	444.2	409.0	371.1	335.9	304.5	279.8	259.5
137.5°	489.2	472.2	450.2	436.4	422.7	392.5	360.6	330.9	305.1	284.2	264.4
140°	461.2	446.9	426.6	415.0	403.5	378.2	352.4	327.6	305.6	286.9	269.4
142.5°	434.3	422.7	406.2	396.6	387.0	366.1	345.2	324.9	306.2	288.6	272.1
145°	410.6	401.3	388.1	380.7	373.3	356.2	339.2	322.1	305.6	289.7	274.9
147.5°	391.4	383.7	372.7	367.0	361.2	347.4	333.1	319.4	304.5	290.2	276.5
150°	375.5	368.9	360.6	355.6	350.7	340.3	328.2	316.1	302.9	290.2	278.2
152.5°	361.2	356.2	349.6	346.0	342.5	333.1	322.7	312.2	300.7	289.7	279.3
155°	349.1	345.2	339.7	336.7	333.7	326.0	317.2	307.8	297.9	288.6	279.8
157.5°	338.1	334.8	330.4	327.9	325.4	319.4	311.7	304.0	295.2	287.5	280.4
160°	327.6	324.9	321.0	319.1	317.2	311.7	306.2	299.0	292.4	285.8	280.4
162.5°	317.7	315.5	312.8	311.2	309.5	305.1	300.1	294.6	289.1	284.2	279.8
165°	307.8	306.7	304.5	303.2	301.8	298.5	294.6	290.2	285.8	282.6	279.3
167.5°	299.0	297.9	296.8	295.7	294.6	291.9	289.1	285.8	282.6	279.8	278.2
170°	290.8	290.2	289.1	288.6	288.0	286.4	284.7	282.0	279.8	278.2	277.1
172.5°	284.2	283.1	283.1	282.8	282.6	281.5	279.8	278.2	276.5	276.0	276.0
175°	278.2	277.6	277.6	277.6	277.6	276.5	276.5	274.9	274.3	274.3	274.9
177.5°	274.3	273.8	274.3	274.3	274.3	274.3	273.8	273.2	272.7	272.7	273.8
180°	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7

TEST NUMBER: P1027477

CATALOG NUMBER: S125DIP-B1090D610UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9
2.5°	1563.8	1557.3	1549.6	1549.6	1540.6	1536.7	1529.0	1526.4	1519.9	1509.6	1501.9
5°	1619.3	1602.5	1592.2	1583.1	1563.8	1549.6	1535.4	1519.9	1504.4	1486.4	1465.7
7.5°	1673.5	1642.5	1628.3	1612.8	1584.4	1554.8	1526.4	1505.7	1485.1	1456.7	1430.9
10°	1730.2	1691.5	1665.7	1645.1	1601.2	1563.8	1522.5	1492.8	1460.6	1424.4	1390.9
12.5°	1778.0	1727.7	1705.7	1667.0	1616.7	1571.5	1519.9	1474.8	1432.2	1389.6	1348.3
15°	1818.0	1770.2	1716.0	1700.6	1630.9	1566.4	1508.3	1450.2	1397.3	1354.8	1307.0
17.5°	1830.9	1770.2	1743.1	1705.7	1623.1	1556.0	1482.5	1419.3	1369.0	1305.7	1268.3
20°	1834.7	1776.7	1739.3	1704.4	1630.9	1541.9	1469.6	1392.2	1331.5	1268.3	1209.0
22.5°	1824.4	1756.0	1719.9	1686.4	1603.8	1527.7	1443.8	1358.6	1287.7	1229.6	1170.3
25°	1805.1	1725.1	1690.2	1654.1	1575.4	1491.5	1399.9	1318.6	1252.8	1183.2	1125.1
27.5°	1779.3	1687.7	1647.7	1610.2	1532.8	1454.1	1367.7	1283.8	1210.3	1136.7	1082.5
30°	1747.0	1641.2	1605.1	1556.0	1481.2	1406.4	1327.7	1243.8	1161.2	1091.6	1032.2
32.5°	1705.7	1594.8	1547.0	1500.6	1419.3	1350.9	1276.1	1197.4	1117.4	1049.0	987.0
35°	1668.3	1541.9	1489.0	1442.5	1352.2	1279.9	1218.0	1144.5	1073.5	1002.5	947.0
37.5°	1618.0	1489.0	1425.7	1378.0	1286.4	1212.8	1154.8	1098.0	1023.2	954.8	903.2
40°	1565.1	1423.2	1363.8	1316.1	1220.6	1140.6	1085.1	1034.8	974.1	910.9	856.7
42.5°	1517.3	1359.9	1296.7	1238.6	1141.9	1070.9	1014.1	975.4	920.0	863.2	814.2
45°	1456.7	1292.8	1224.5	1163.8	1070.9	993.5	939.3	908.3	867.1	811.6	769.0
47.5°	1394.8	1220.6	1149.6	1090.3	989.6	921.2	868.3	838.7	810.3	766.4	723.8
50°	1313.5	1144.5	1079.9	1011.6	912.2	842.5	798.7	769.0	747.1	716.1	680.0
52.5°	1224.5	1065.8	996.1	936.7	838.7	775.4	725.1	708.4	686.4	663.2	632.2
55°	1130.3	980.6	913.5	855.4	765.1	700.6	659.3	641.3	624.5	606.4	585.8
57.5°	1036.1	891.6	828.3	776.7	692.9	630.9	597.4	572.9	561.3	550.9	534.2
60°	918.7	796.1	747.1	700.6	618.0	561.3	529.0	510.9	500.6	495.5	487.7
62.5°	815.4	714.8	660.6	615.5	549.6	499.3	468.4	454.2	445.1	442.6	433.5
65°	705.8	619.3	576.7	538.0	481.3	436.1	410.3	393.5	387.1	385.8	385.8
67.5°	602.5	532.9	490.3	463.2	414.2	374.2	349.7	343.2	339.3	334.2	332.9
70°	505.8	450.3	412.9	389.7	345.8	316.1	296.8	286.4	286.4	282.6	280.0
72.5°	420.6	365.1	340.6	321.3	285.1	259.3	245.1	242.6	233.5	232.2	232.2
75°	329.0	287.7	271.0	254.2	227.1	209.0	197.4	191.0	185.8	185.8	187.1
77.5°	247.7	219.3	203.9	191.0	171.6	160.0	151.0	148.4	143.2	143.2	143.2
80°	175.5	160.0	148.4	138.1	123.9	113.5	108.4	103.2	103.2	101.9	103.2
82.5°	113.5	100.6	94.2	92.9	80.0	76.1	69.7	71.0	67.1	65.8	68.4
85°	65.8	59.4	51.6	49.0	43.9	38.7	36.1	37.4	36.1	34.8	36.1
87.5°	25.8	21.9	20.6	20.6	16.8	15.5	14.2	15.5	12.9	12.9	14.2
90°	6.0	5.5	5.0	4.4	3.3	2.2	1.1	0.5	1.1	2.2	3.3
92.5°	92.4	55.0	45.1	35.2	23.6	15.4	9.9	8.2	9.9	15.4	23.6
95°	124.8	66.0	53.6	41.2	29.1	23.1	18.7	18.1	18.7	23.1	29.1
97.5°	107.7	67.1	58.0	48.9	37.9	31.9	28.6	28.0	28.6	31.9	37.9
100°	106.6	74.8	66.6	58.3	47.8	41.8	39.6	38.5	39.6	41.8	47.8
102.5°	111.6	84.1	76.2	68.2	58.8	52.2	50.6	50.0	50.6	52.2	58.8
105°	118.7	94.6	86.9	79.2	70.4	64.9	62.1	62.1	62.1	64.9	70.4
107.5°	128.6	105.0	98.2	91.3	81.9	77.5	74.8	73.7	74.8	77.5	81.9
110°	139.6	117.1	110.0	102.8	94.6	89.6	87.4	86.3	87.4	89.6	94.6

TEST NUMBER: P1027477

CATALOG NUMBER: S125DIP-B1090D610UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	150.1	128.6	121.8	114.9	106.6	101.7	100.0	98.9	100.0	101.7	106.6
115°	161.1	140.7	133.8	127.0	118.7	113.8	112.1	111.0	112.1	113.8	118.7
117.5°	172.1	152.8	146.2	139.6	130.3	125.3	123.7	122.0	123.7	125.3	130.3
120°	184.2	164.9	158.0	151.2	141.8	136.9	134.7	133.0	134.7	136.9	141.8
122.5°	195.7	176.5	169.6	162.7	152.3	147.3	145.7	144.6	145.7	147.3	152.3
125°	205.6	187.5	180.4	173.2	162.7	157.8	155.0	153.9	155.0	157.8	162.7
127.5°	215.5	197.9	190.8	183.6	172.6	166.6	163.3	161.6	163.3	166.6	172.6
130°	224.8	207.8	200.6	193.5	182.0	174.8	170.4	168.8	170.4	174.8	182.0
132.5°	233.6	216.6	209.4	202.3	190.2	182.0	176.5	174.3	176.5	182.0	190.2
135°	241.3	224.3	216.8	209.4	197.9	189.1	182.5	180.3	182.5	189.1	197.9
137.5°	246.8	231.4	223.7	216.0	204.5	195.7	189.7	188.0	189.7	195.7	204.5
140°	252.9	236.9	229.5	222.1	211.6	202.8	196.2	194.6	196.2	202.8	211.6
142.5°	256.7	241.9	235.0	228.1	218.2	209.4	203.4	202.3	203.4	209.4	218.2
145°	261.1	246.8	240.5	234.2	224.3	216.6	211.1	210.0	211.1	216.6	224.3
147.5°	263.9	251.2	245.4	239.7	230.9	223.7	218.8	218.2	218.8	223.7	230.9
150°	266.6	254.5	249.8	245.2	237.5	230.3	226.5	225.4	226.5	230.3	237.5
152.5°	269.4	258.4	254.2	250.1	243.0	236.9	233.6	233.1	233.6	236.9	243.0
155°	271.0	261.7	257.8	254.0	248.5	243.0	239.7	239.7	239.7	243.0	248.5
157.5°	272.7	264.4	261.4	258.4	253.4	248.5	245.7	245.7	245.7	248.5	253.4
160°	273.8	266.6	264.2	261.7	257.3	253.4	251.2	251.8	251.2	253.4	257.3
162.5°	274.9	268.8	266.9	265.0	261.7	258.4	256.2	256.7	256.2	258.4	261.7
165°	274.9	270.5	268.8	267.2	265.0	262.2	260.6	261.7	260.6	262.2	265.0
167.5°	274.9	271.0	269.9	268.8	267.2	265.5	264.4	265.0	264.4	265.5	267.2
170°	274.9	272.1	271.3	270.5	269.4	268.3	267.7	268.3	267.7	268.3	269.4
172.5°	274.3	272.1	271.8	271.6	271.0	269.9	269.4	270.5	269.4	269.9	271.0
175°	273.8	272.1	272.1	272.1	272.1	271.6	271.0	272.1	271.0	271.6	272.1
177.5°	273.2	272.1	272.1	272.1	272.7	272.1	272.1	273.2	272.1	272.1	272.7
180°	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7

TEST NUMBER: P1027477

CATALOG NUMBER: S125DIP-B1090D610UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9
2.5°	1499.3	1496.7	1490.2	1486.4	1473.5	1458.0	1452.8	1439.9	1445.1	1436.1	1436.1
5°	1459.3	1447.7	1439.9	1428.3	1403.8	1387.0	1369.0	1359.9	1354.8	1348.3	1343.2
7.5°	1407.7	1398.6	1390.9	1369.0	1341.9	1318.6	1296.7	1287.7	1270.9	1259.3	1254.1
10°	1362.5	1349.6	1331.5	1305.7	1277.4	1247.7	1228.3	1209.0	1196.1	1189.6	1175.4
12.5°	1316.1	1300.6	1281.2	1243.8	1212.8	1194.8	1159.9	1141.9	1135.4	1130.3	1113.5
15°	1268.3	1251.5	1228.3	1193.5	1166.4	1123.8	1103.2	1089.0	1073.5	1072.2	1059.3
17.5°	1225.7	1205.1	1185.7	1143.2	1109.6	1072.2	1060.6	1045.1	1030.9	1015.4	1009.0
20°	1171.6	1152.2	1138.0	1091.6	1054.1	1030.9	1011.6	998.7	989.6	974.1	971.6
22.5°	1122.5	1101.9	1082.5	1047.7	1015.4	985.8	962.5	948.3	944.5	938.0	926.4
25°	1074.8	1054.1	1030.9	998.7	965.1	944.5	923.8	914.8	907.1	896.7	887.7
27.5°	1034.8	1015.4	993.5	953.5	925.1	909.6	887.7	877.4	867.1	861.9	858.0
30°	987.0	965.1	948.3	917.4	886.4	865.8	850.3	841.2	832.2	827.1	824.5
32.5°	940.6	920.0	908.3	874.8	850.3	825.8	814.2	807.7	802.5	797.4	792.2
35°	903.2	882.5	864.5	833.5	809.0	792.2	783.2	772.9	769.0	763.8	763.8
37.5°	856.7	841.2	823.2	793.5	771.6	758.7	750.9	738.0	736.7	734.2	730.3
40°	816.7	801.2	784.5	758.7	739.3	723.8	713.5	707.1	703.2	700.6	698.0
42.5°	774.2	757.4	749.6	720.0	703.2	687.7	682.5	676.1	674.8	669.6	663.2
45°	732.9	718.7	703.2	681.3	667.1	654.2	646.4	641.3	634.8	633.5	629.6
47.5°	696.7	680.0	665.8	645.1	629.6	619.3	612.9	606.4	601.3	597.4	593.5
50°	650.3	637.4	625.8	603.8	590.9	580.6	571.6	566.4	561.3	561.3	561.3
52.5°	605.1	593.5	583.2	567.7	552.2	543.2	532.9	529.0	526.4	522.6	526.4
55°	561.3	549.6	539.3	527.7	509.7	501.9	491.6	487.7	489.0	489.0	492.9
57.5°	514.8	505.8	499.3	485.1	468.4	460.6	454.2	450.3	450.3	455.5	456.8
60°	469.7	460.6	449.0	436.1	425.8	416.8	412.9	414.2	414.2	416.8	423.2
62.5°	419.3	414.2	407.7	389.7	383.2	376.8	371.6	375.5	374.2	380.6	389.7
65°	372.9	367.7	358.7	349.7	341.9	335.5	334.2	335.5	338.0	344.5	354.8
67.5°	321.3	321.3	313.5	305.8	299.3	292.9	294.2	295.5	298.0	305.8	321.3
70°	278.7	273.5	265.8	260.6	255.5	252.9	250.3	255.5	263.2	268.4	280.0
72.5°	232.2	228.4	221.9	216.8	215.5	212.9	211.6	214.2	221.9	231.0	243.9
75°	183.2	184.5	180.6	176.8	176.8	172.9	175.5	175.5	183.2	192.2	202.6
77.5°	141.9	140.6	139.3	136.8	135.5	135.5	135.5	138.1	145.8	151.0	161.3
80°	100.6	101.9	98.1	99.3	98.1	99.3	99.3	104.5	108.4	114.8	122.6
82.5°	67.1	67.1	64.5	65.8	65.8	65.8	67.1	69.7	74.8	80.0	85.2
85°	37.4	38.7	36.1	38.7	38.7	38.7	40.0	41.3	45.2	46.4	51.6
87.5°	14.2	16.8	16.8	14.2	15.5	16.8	18.1	16.8	19.4	21.9	23.2
90°	4.4	5.0	5.5	6.0	7.1	7.7	8.8	9.3	9.9	10.4	11.0
92.5°	35.2	45.1	55.0	92.4	155.0	223.2	219.3	177.0	119.3	85.8	63.8
95°	41.2	53.6	66.0	124.8	245.7	397.4	487.0	476.6	395.2	311.7	244.1
97.5°	48.9	58.0	67.1	107.7	200.6	364.5	526.1	595.3	566.8	500.2	432.1
100°	58.3	66.6	74.8	106.6	178.1	316.6	496.4	633.8	676.1	649.2	592.6
102.5°	68.2	76.2	84.1	111.6	168.8	280.4	444.2	610.7	713.0	740.5	720.7
105°	79.2	86.9	94.6	118.7	167.7	259.5	398.5	556.3	688.2	763.5	787.7
107.5°	91.3	98.2	105.0	128.6	171.5	248.5	364.5	504.6	637.7	737.2	795.4
110°	102.8	110.0	117.1	139.6	177.6	244.1	341.9	461.8	580.5	684.9	762.4

TEST NUMBER: P1027477

CATALOG NUMBER: S125DIP-B1090D610UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	114.9	121.8	128.6	150.1	185.3	244.1	328.7	429.9	535.4	633.3	711.9
115°	127.0	133.8	140.7	161.1	192.9	245.7	319.9	408.4	499.1	584.3	659.7
117.5°	139.6	146.2	152.8	172.1	201.7	248.5	315.0	394.1	473.9	549.2	615.1
120°	151.2	158.0	164.9	184.2	210.5	252.9	311.7	382.6	454.1	520.0	580.5
122.5°	162.7	169.6	176.5	195.7	220.4	256.7	308.9	372.7	439.2	499.1	551.4
125°	173.2	180.4	187.5	205.6	229.2	261.1	306.7	363.9	424.9	481.0	528.8
127.5°	183.6	190.8	197.9	215.5	237.5	266.1	305.6	355.7	410.1	463.4	508.5
130°	193.5	200.6	207.8	224.8	245.7	270.5	304.5	347.4	396.3	444.7	487.6
132.5°	202.3	209.4	216.6	233.6	252.9	275.4	304.5	340.8	382.6	427.1	465.1
135°	209.4	216.8	224.3	241.3	259.5	279.8	304.5	335.9	371.1	409.0	444.2
137.5°	216.0	223.7	231.4	246.8	264.4	284.2	305.1	330.9	360.6	392.5	422.7
140°	222.1	229.5	236.9	252.9	269.4	286.9	305.6	327.6	352.4	378.2	403.5
142.5°	228.1	235.0	241.9	256.7	272.1	288.6	306.2	324.9	345.2	366.1	387.0
145°	234.2	240.5	246.8	261.1	274.9	289.7	305.6	322.1	339.2	356.2	373.3
147.5°	239.7	245.4	251.2	263.9	276.5	290.2	304.5	319.4	333.1	347.4	361.2
150°	245.2	249.8	254.5	266.6	278.2	290.2	302.9	316.1	328.2	340.3	350.7
152.5°	250.1	254.2	258.4	269.4	279.3	289.7	300.7	312.2	322.7	333.1	342.5
155°	254.0	257.8	261.7	271.0	279.8	288.6	297.9	307.8	317.2	326.0	333.7
157.5°	258.4	261.4	264.4	272.7	280.4	287.5	295.2	304.0	311.7	319.4	325.4
160°	261.7	264.2	266.6	273.8	280.4	285.8	292.4	299.0	306.2	311.7	317.2
162.5°	265.0	266.9	268.8	274.9	279.8	284.2	289.1	294.6	300.1	305.1	309.5
165°	267.2	268.8	270.5	274.9	279.3	282.6	285.8	290.2	294.6	298.5	301.8
167.5°	268.8	269.9	271.0	274.9	278.2	279.8	282.6	285.8	289.1	291.9	294.6
170°	270.5	271.3	272.1	274.9	277.1	278.2	279.8	282.0	284.7	286.4	288.0
172.5°	271.6	271.8	272.1	274.3	276.0	276.0	276.5	278.2	279.8	281.5	282.6
175°	272.1	272.1	272.1	273.8	274.9	274.3	274.3	274.9	276.5	276.5	277.6
177.5°	272.1	272.1	272.1	273.2	273.8	272.7	272.7	273.2	273.8	274.3	274.3
180°	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7

TEST NUMBER: P1027477

CATALOG NUMBER: S125DIP-B1090D610UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9
2.5°	1441.2	1432.2	1430.9	1433.5	1428.3	1436.1	1433.5	1436.1	1429.6	1436.1	1432.2
5°	1341.9	1339.3	1334.1	1327.7	1329.0	1330.3	1336.7	1330.3	1335.4	1336.7	1343.2
7.5°	1249.0	1243.8	1247.7	1245.1	1233.5	1230.9	1233.5	1237.4	1245.1	1250.3	1254.1
10°	1174.1	1171.6	1166.4	1162.5	1156.1	1152.2	1157.4	1152.2	1162.5	1171.6	1171.6
12.5°	1117.4	1107.0	1100.6	1099.3	1085.1	1087.7	1092.8	1096.7	1108.3	1113.5	1113.5
15°	1058.0	1050.3	1047.7	1042.5	1037.4	1042.5	1039.9	1043.8	1049.0	1054.1	1056.7
17.5°	1006.4	1005.1	1006.4	993.5	997.4	990.9	992.2	998.7	994.8	998.7	1006.4
20°	960.0	962.5	958.7	953.5	953.5	945.8	954.8	952.2	953.5	961.2	972.9
22.5°	925.1	923.8	920.0	916.1	910.9	912.2	913.5	910.9	921.2	927.7	929.0
25°	887.7	885.1	883.8	880.0	874.8	880.0	878.7	880.0	882.5	892.9	885.1
27.5°	852.9	847.7	850.3	846.4	845.1	846.4	846.4	847.7	850.3	851.6	852.9
30°	823.2	818.0	816.7	814.2	812.9	814.2	816.7	814.2	824.5	823.2	823.2
32.5°	790.9	787.1	784.5	784.5	783.2	781.9	783.2	784.5	792.2	787.1	792.2
35°	760.0	757.4	757.4	754.8	753.5	753.5	753.5	758.7	756.1	760.0	760.0
37.5°	730.3	730.3	729.0	726.4	725.1	726.4	725.1	727.7	726.4	727.7	729.0
40°	699.3	696.7	695.4	695.4	691.6	687.7	691.6	691.6	692.9	696.7	698.0
42.5°	661.9	663.2	663.2	658.0	658.0	658.0	659.3	660.6	660.6	663.2	663.2
45°	629.6	627.1	627.1	627.1	624.5	625.8	628.4	628.4	628.4	628.4	625.8
47.5°	593.5	593.5	594.8	594.8	598.7	597.4	597.4	596.1	593.5	593.5	594.8
50°	560.0	563.8	565.1	565.1	566.4	567.7	567.7	565.1	563.8	560.0	560.0
52.5°	527.7	530.3	532.9	536.7	539.3	538.0	538.0	535.5	530.3	529.0	527.7
55°	492.9	496.7	501.9	505.8	509.7	510.9	510.9	505.8	500.6	494.2	494.2
57.5°	460.6	464.5	473.5	477.4	482.6	482.6	480.0	476.1	468.4	463.2	459.3
60°	428.4	434.8	441.3	449.0	455.5	456.8	452.9	447.7	438.7	432.2	427.1
62.5°	393.5	400.0	412.9	420.6	425.8	425.8	425.8	419.3	407.7	398.7	390.9
65°	360.0	366.4	378.0	388.4	392.2	396.1	392.2	385.8	376.8	366.4	358.7
67.5°	325.1	332.9	344.5	352.2	357.4	361.3	358.7	353.5	341.9	327.7	322.6
70°	286.4	290.3	307.1	314.8	322.6	325.1	322.6	314.8	303.2	287.7	282.6
72.5°	250.3	254.2	269.7	276.1	282.6	285.1	281.3	276.1	265.8	251.6	245.1
75°	209.0	215.5	223.2	233.5	241.3	243.9	240.0	236.1	223.2	214.2	209.0
77.5°	165.2	171.6	181.9	191.0	198.7	197.4	192.2	193.5	179.3	169.0	165.2
80°	125.2	130.3	138.1	145.8	149.7	149.7	148.4	143.2	138.1	130.3	123.9
82.5°	86.4	92.9	99.3	104.5	104.5	105.8	103.2	101.9	96.8	90.3	89.0
85°	51.6	52.9	58.1	58.1	63.2	60.6	59.4	63.2	58.1	54.2	52.9
87.5°	23.2	21.9	23.2	23.2	21.9	24.5	24.5	23.2	24.5	23.2	23.2
90°	11.6	12.1	12.1	12.1	12.6	12.6	12.6	12.1	12.1	12.1	11.6
92.5°	58.6	53.3	44.5	42.9	41.8	40.7	41.8	42.9	44.5	53.3	58.6
95°	221.0	197.9	158.9	142.4	138.0	129.2	138.0	142.4	158.9	197.9	221.0
97.5°	399.1	366.1	333.1	304.5	289.7	283.1	289.7	304.5	333.1	366.1	399.1
100°	564.0	535.4	497.5	457.9	437.6	428.8	437.6	457.9	497.5	535.4	564.0
102.5°	703.7	686.6	645.4	620.1	597.5	591.5	597.5	620.1	645.4	686.6	703.7
105°	784.7	781.7	764.1	746.0	735.0	728.4	735.0	746.0	764.1	781.7	784.7
107.5°	807.5	819.6	824.6	821.8	816.3	810.8	816.3	821.8	824.6	819.6	807.5
110°	785.8	809.2	833.9	844.4	848.2	848.2	848.2	844.4	833.9	809.2	785.8

TEST NUMBER: P1027477

CATALOG NUMBER: S125DIP-B1090D610UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	740.4	769.0	808.1	827.9	838.9	843.8	838.9	827.9	808.1	769.0	740.4
115°	689.7	719.6	762.4	788.8	804.2	811.4	804.2	788.8	762.4	719.6	689.7
117.5°	643.4	671.7	715.2	742.7	758.1	762.4	758.1	742.7	715.2	671.7	643.4
120°	604.7	628.9	669.5	695.9	710.8	715.2	710.8	695.9	669.5	628.9	604.7
122.5°	573.6	595.9	631.1	654.7	669.5	673.4	669.5	654.7	631.1	595.9	573.6
125°	548.6	568.4	599.2	621.7	633.8	639.3	633.8	621.7	599.2	568.4	548.6
127.5°	527.2	545.9	573.9	594.2	605.8	608.0	605.8	594.2	573.9	545.9	527.2
130°	505.4	523.3	550.8	569.0	579.9	583.2	579.9	569.0	550.8	523.3	505.4
132.5°	482.1	499.1	526.6	544.8	554.7	558.5	554.7	544.8	526.6	499.1	482.1
135°	459.8	475.5	499.7	517.8	527.7	531.0	527.7	517.8	499.7	475.5	459.8
137.5°	436.4	450.2	472.2	489.2	498.6	502.4	498.6	489.2	472.2	450.2	436.4
140°	415.0	426.6	446.9	461.2	469.5	472.2	469.5	461.2	446.9	426.6	415.0
142.5°	396.6	406.2	422.7	434.3	442.0	444.2	442.0	434.3	422.7	406.2	396.6
145°	380.7	388.1	401.3	410.6	416.7	418.9	416.7	410.6	401.3	388.1	380.7
147.5°	367.0	372.7	383.7	391.4	395.2	396.3	395.2	391.4	383.7	372.7	367.0
150°	355.6	360.6	368.9	375.5	377.7	378.2	377.7	375.5	368.9	360.6	355.6
152.5°	346.0	349.6	356.2	361.2	363.4	363.9	363.4	361.2	356.2	349.6	346.0
155°	336.7	339.7	345.2	349.1	350.7	351.3	350.7	349.1	345.2	339.7	336.7
157.5°	327.9	330.4	334.8	338.1	339.7	339.7	339.7	338.1	334.8	330.4	327.9
160°	319.1	321.0	324.9	327.6	328.7	328.2	328.7	327.6	324.9	321.0	319.1
162.5°	311.2	312.8	315.5	317.7	317.7	317.7	317.7	317.7	315.5	312.8	311.2
165°	303.2	304.5	306.7	307.8	307.8	307.8	307.8	307.8	306.7	304.5	303.2
167.5°	295.7	296.8	297.9	299.0	298.5	298.5	298.5	299.0	297.9	296.8	295.7
170°	288.6	289.1	290.2	290.8	290.8	290.2	290.8	290.8	290.2	289.1	288.6
172.5°	282.8	283.1	283.1	284.2	283.1	282.6	283.1	284.2	283.1	283.1	282.8
175°	277.6	277.6	277.6	278.2	277.1	276.5	277.1	278.2	277.6	277.6	277.6
177.5°	274.3	274.3	273.8	274.3	272.7	272.7	272.7	274.3	273.8	274.3	274.3
180°	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7

TEST NUMBER: P1027477

CATALOG NUMBER: S125DIP-B1090D610UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9	1519.9
2.5°	1443.8	1436.1	1445.1	1433.5	1436.1	1450.2	1449.0	1461.9	1469.6	1468.3	1474.8
5°	1348.3	1348.3	1352.2	1350.9	1363.8	1375.4	1390.9	1403.8	1418.0	1425.7	1434.8
7.5°	1254.1	1267.0	1269.6	1276.1	1291.5	1310.9	1326.4	1345.7	1366.4	1380.6	1390.9
10°	1176.7	1187.0	1197.4	1202.5	1219.3	1245.1	1267.0	1298.0	1323.8	1339.3	1353.5
12.5°	1108.3	1119.9	1125.1	1148.3	1159.9	1176.7	1207.7	1241.2	1269.6	1286.4	1298.0
15°	1059.3	1065.8	1077.4	1091.6	1103.2	1123.8	1149.6	1187.0	1214.1	1228.3	1268.3
17.5°	1018.0	1025.8	1032.2	1038.7	1056.7	1078.7	1103.2	1135.4	1170.3	1194.8	1215.4
20°	975.4	979.3	987.0	997.4	1010.3	1030.9	1052.8	1086.4	1117.4	1136.7	1163.8
22.5°	925.1	936.7	944.5	952.2	966.4	989.6	1010.3	1034.8	1073.5	1095.4	1123.8
25°	895.4	900.6	905.8	914.8	925.1	945.8	969.0	994.8	1025.8	1049.0	1073.5
27.5°	856.7	864.5	870.9	882.5	889.0	905.8	927.7	953.5	990.9	1010.3	1030.9
30°	824.5	832.2	837.4	842.5	851.6	869.6	890.3	910.9	945.8	970.3	990.9
32.5°	792.2	800.0	806.4	810.3	819.3	830.9	847.7	873.5	903.2	920.0	947.0
35°	763.8	763.8	771.6	776.7	784.5	794.8	810.3	829.6	860.6	882.5	907.1
37.5°	731.6	732.9	739.3	743.2	750.9	761.3	776.7	794.8	820.6	837.4	861.9
40°	698.0	701.9	704.5	710.9	720.0	723.8	739.3	760.0	785.8	801.2	821.9
42.5°	664.5	667.1	673.5	678.7	686.4	692.9	703.2	722.5	741.9	765.1	781.9
45°	627.1	633.5	637.4	646.4	650.3	656.7	667.1	682.5	705.8	720.0	739.3
47.5°	594.8	597.4	600.0	611.6	619.3	623.2	633.5	642.5	667.1	680.0	698.0
50°	560.0	560.0	563.8	569.0	578.0	585.8	594.8	605.1	624.5	637.4	655.5
52.5°	527.7	523.8	526.4	529.0	538.0	545.8	554.8	569.0	587.1	594.8	610.3
55°	492.9	486.4	490.3	494.2	496.7	507.1	517.4	526.4	540.6	552.2	566.4
57.5°	455.5	454.2	451.6	452.9	459.3	465.8	473.5	485.1	501.9	510.9	518.7
60°	421.9	414.2	411.6	414.2	418.0	421.9	432.2	442.6	456.8	465.8	474.8
62.5°	387.1	379.3	374.2	370.3	374.2	383.2	389.7	397.4	409.0	419.3	427.1
65°	353.5	341.9	336.8	334.2	332.9	339.3	344.5	354.8	365.1	369.0	378.0
67.5°	316.1	305.8	299.3	295.5	295.5	295.5	300.6	311.0	321.3	322.6	331.6
70°	278.7	267.1	260.6	255.5	252.9	255.5	261.9	263.2	272.2	274.8	280.0
72.5°	238.7	228.4	220.6	214.2	215.5	218.1	218.1	220.6	225.8	232.2	232.2
75°	201.3	187.1	183.2	178.1	175.5	175.5	175.5	180.6	184.5	189.7	188.4
77.5°	158.7	151.0	143.2	140.6	136.8	135.5	138.1	138.1	140.6	144.5	145.8
80°	122.6	113.5	108.4	105.8	100.6	99.3	100.6	100.6	104.5	103.2	104.5
82.5°	85.2	78.7	74.8	71.0	68.4	69.7	68.4	68.4	69.7	68.4	68.4
85°	49.0	47.7	45.2	43.9	42.6	40.0	42.6	41.3	40.0	38.7	41.3
87.5°	23.2	21.9	21.9	19.4	19.4	18.1	19.4	19.4	18.1	18.1	18.1
90°	11.0	10.4	9.9	9.3	8.8	7.7	7.1	6.0	5.5	5.0	4.4
92.5°	63.8	85.8	119.3	177.0	219.3	223.2	155.0	92.4	55.0	45.1	35.2
95°	244.1	311.7	395.2	476.6	487.0	397.4	245.7	124.8	66.0	53.6	41.2
97.5°	432.1	500.2	566.8	595.3	526.1	364.5	200.6	107.7	67.1	58.0	48.9
100°	592.6	649.2	676.1	633.8	496.4	316.6	178.1	106.6	74.8	66.6	58.3
102.5°	720.7	740.5	713.0	610.7	444.2	280.4	168.8	111.6	84.1	76.2	68.2
105°	787.7	763.5	688.2	556.3	398.5	259.5	167.7	118.7	94.6	86.9	79.2
107.5°	795.4	737.2	637.7	504.6	364.5	248.5	171.5	128.6	105.0	98.2	91.3
110°	762.4	684.9	580.5	461.8	341.9	244.1	177.6	139.6	117.1	110.0	102.8

TEST NUMBER: P1027477

CATALOG NUMBER: S125DIP-B1090D610UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	711.9	633.3	535.4	429.9	328.7	244.1	185.3	150.1	128.6	121.8	114.9
115°	659.7	584.3	499.1	408.4	319.9	245.7	192.9	161.1	140.7	133.8	127.0
117.5°	615.1	549.2	473.9	394.1	315.0	248.5	201.7	172.1	152.8	146.2	139.6
120°	580.5	520.0	454.1	382.6	311.7	252.9	210.5	184.2	164.9	158.0	151.2
122.5°	551.4	499.1	439.2	372.7	308.9	256.7	220.4	195.7	176.5	169.6	162.7
125°	528.8	481.0	424.9	363.9	306.7	261.1	229.2	205.6	187.5	180.4	173.2
127.5°	508.5	463.4	410.1	355.7	305.6	266.1	237.5	215.5	197.9	190.8	183.6
130°	487.6	444.7	396.3	347.4	304.5	270.5	245.7	224.8	207.8	200.6	193.5
132.5°	465.1	427.1	382.6	340.8	304.5	275.4	252.9	233.6	216.6	209.4	202.3
135°	444.2	409.0	371.1	335.9	304.5	279.8	259.5	241.3	224.3	216.8	209.4
137.5°	422.7	392.5	360.6	330.9	305.1	284.2	264.4	246.8	231.4	223.7	216.0
140°	403.5	378.2	352.4	327.6	305.6	286.9	269.4	252.9	236.9	229.5	222.1
142.5°	387.0	366.1	345.2	324.9	306.2	288.6	272.1	256.7	241.9	235.0	228.1
145°	373.3	356.2	339.2	322.1	305.6	289.7	274.9	261.1	246.8	240.5	234.2
147.5°	361.2	347.4	333.1	319.4	304.5	290.2	276.5	263.9	251.2	245.4	239.7
150°	350.7	340.3	328.2	316.1	302.9	290.2	278.2	266.6	254.5	249.8	245.2
152.5°	342.5	333.1	322.7	312.2	300.7	289.7	279.3	269.4	258.4	254.2	250.1
155°	333.7	326.0	317.2	307.8	297.9	288.6	279.8	271.0	261.7	257.8	254.0
157.5°	325.4	319.4	311.7	304.0	295.2	287.5	280.4	272.7	264.4	261.4	258.4
160°	317.2	311.7	306.2	299.0	292.4	285.8	280.4	273.8	266.6	264.2	261.7
162.5°	309.5	305.1	300.1	294.6	289.1	284.2	279.8	274.9	268.8	266.9	265.0
165°	301.8	298.5	294.6	290.2	285.8	282.6	279.3	274.9	270.5	268.8	267.2
167.5°	294.6	291.9	289.1	285.8	282.6	279.8	278.2	274.9	271.0	269.9	268.8
170°	288.0	286.4	284.7	282.0	279.8	278.2	277.1	274.9	272.1	271.3	270.5
172.5°	282.6	281.5	279.8	278.2	276.5	276.0	276.0	274.3	272.1	271.8	271.6
175°	277.6	276.5	276.5	274.9	274.3	274.3	274.9	273.8	272.1	272.1	272.1
177.5°	274.3	274.3	273.8	273.2	272.7	272.7	273.8	273.2	272.1	272.1	272.1
180°	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7	272.7

TEST NUMBER: P1027477

CATALOG NUMBER: S125DIP-B1090D610UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1519.9	1519.9	1519.9	1519.9
2.5°	1483.8	1496.7	1505.7	1522.5
5°	1450.2	1473.5	1495.4	1518.6
7.5°	1416.7	1443.8	1478.6	1508.3
10°	1379.3	1414.1	1455.4	1495.4
12.5°	1341.9	1383.2	1428.3	1481.2
15°	1296.7	1349.6	1402.5	1459.3
17.5°	1256.7	1310.9	1367.7	1438.6
20°	1211.6	1270.9	1332.8	1405.1
22.5°	1171.6	1237.4	1301.9	1378.0
25°	1126.4	1190.9	1261.9	1343.2
27.5°	1089.0	1148.3	1218.0	1305.7
30°	1043.8	1108.3	1178.0	1265.7
32.5°	1001.2	1063.2	1136.7	1223.2
35°	957.4	1020.6	1086.4	1169.0
37.5°	916.1	970.3	1036.1	1114.8
40°	869.6	929.0	988.3	1050.3
42.5°	827.1	881.2	936.7	985.8
45°	779.3	825.8	878.7	918.7
47.5°	735.4	776.7	818.0	849.0
50°	691.6	723.8	754.8	781.9
52.5°	640.0	676.1	692.9	709.6
55°	593.5	614.2	629.6	646.4
57.5°	548.4	557.4	565.1	580.6
60°	489.0	499.3	508.4	520.0
62.5°	437.4	442.6	445.1	456.8
65°	388.4	387.1	393.5	400.0
67.5°	335.5	334.2	340.6	343.2
70°	283.9	282.6	283.9	290.3
72.5°	234.8	234.8	236.1	238.7
75°	189.7	189.7	191.0	193.5
77.5°	143.2	145.8	144.5	149.7
80°	104.5	101.9	104.5	107.1
82.5°	68.4	71.0	71.0	68.4
85°	38.7	38.7	38.7	38.7
87.5°	16.8	16.8	18.1	19.4
90°	3.3	2.2	1.1	0.5
92.5°	23.6	15.4	9.9	8.2
95°	29.1	23.1	18.7	18.1
97.5°	37.9	31.9	28.6	28.0
100°	47.8	41.8	39.6	38.5
102.5°	58.8	52.2	50.6	50.0
105°	70.4	64.9	62.1	62.1
107.5°	81.9	77.5	74.8	73.7
110°	94.6	89.6	87.4	86.3

TEST NUMBER: P1027477

CATALOG NUMBER: S125DIP-B1090D610UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	106.6	101.7	100.0	98.9
115°	118.7	113.8	112.1	111.0
117.5°	130.3	125.3	123.7	122.0
120°	141.8	136.9	134.7	133.0
122.5°	152.3	147.3	145.7	144.6
125°	162.7	157.8	155.0	153.9
127.5°	172.6	166.6	163.3	161.6
130°	182.0	174.8	170.4	168.8
132.5°	190.2	182.0	176.5	174.3
135°	197.9	189.1	182.5	180.3
137.5°	204.5	195.7	189.7	188.0
140°	211.6	202.8	196.2	194.6
142.5°	218.2	209.4	203.4	202.3
145°	224.3	216.6	211.1	210.0
147.5°	230.9	223.7	218.8	218.2
150°	237.5	230.3	226.5	225.4
152.5°	243.0	236.9	233.6	233.1
155°	248.5	243.0	239.7	239.7
157.5°	253.4	248.5	245.7	245.7
160°	257.3	253.4	251.2	251.8
162.5°	261.7	258.4	256.2	256.7
165°	265.0	262.2	260.6	261.7
167.5°	267.2	265.5	264.4	265.0
170°	269.4	268.3	267.7	268.3
172.5°	271.0	269.9	269.4	270.5
175°	272.1	271.6	271.0	272.1
177.5°	272.7	272.1	272.1	273.2
180°	272.7	272.7	272.7	272.7

(END OF REPORT)