

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: P1027423

Luminaire Tested: S125DIP-B1090D375UB40-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027423
REPORT IS A COMBINATION OF REPORTS P1001383 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B1090D375UB40-4F0-XX-W2A-A4
Description: Define 5 Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

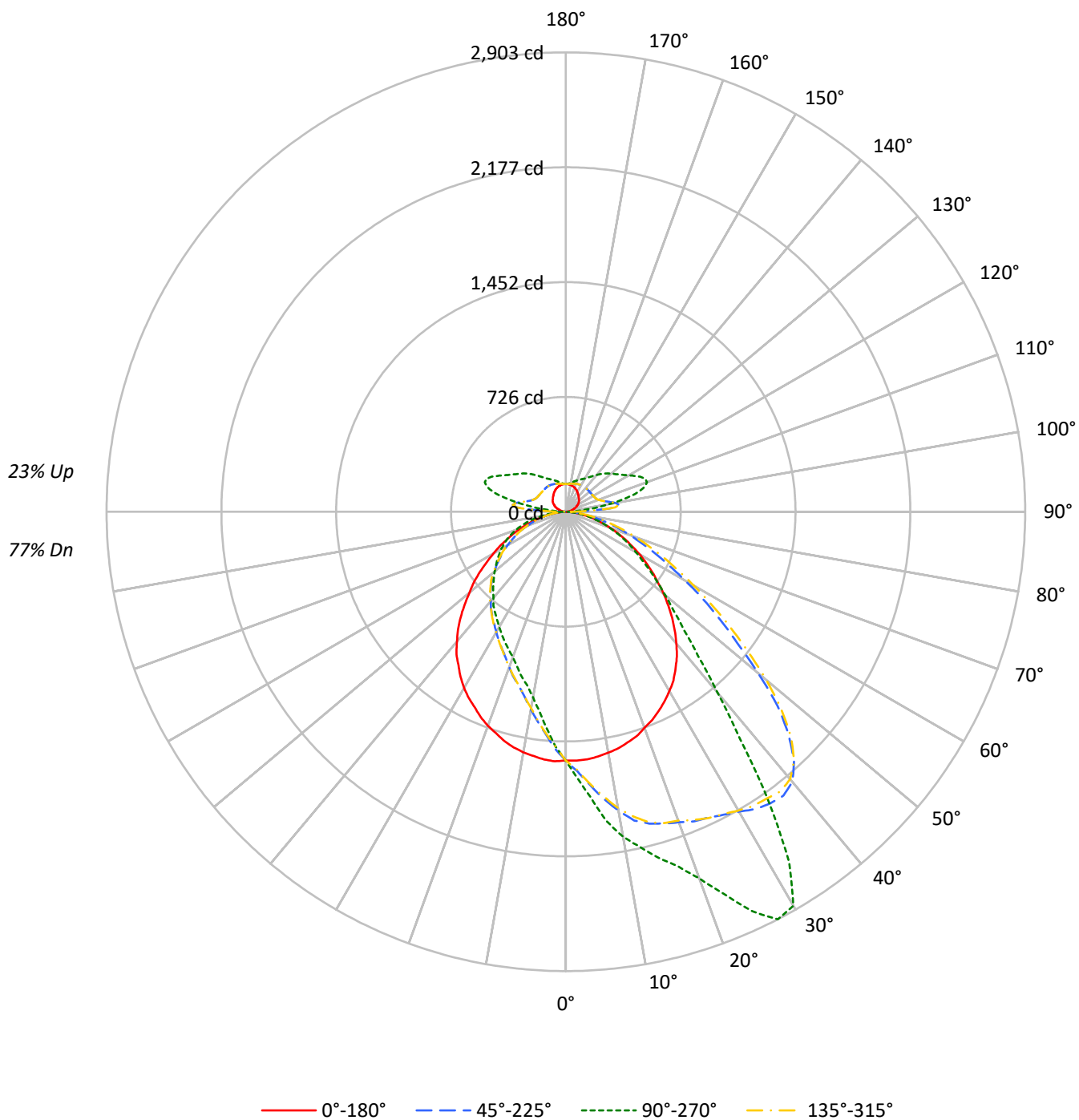
Lumens per Lamp: N/A
Luminaire Lumens: 5753.0 lumens
Efficiency: N/A
Efficacy: 102.5 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 56.1
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	114	114	114	114	108	108	108	108	98	98	98	89	89	89	81	81	81
1	104	100	96	92	99	95	92	89	87	84	82	79	77	75	72	71	69
2	95	88	81	76	91	84	78	73	77	72	68	70	67	63	64	61	59
3	87	77	70	64	83	74	67	62	68	62	58	62	58	54	57	53	50
4	80	69	61	54	76	66	59	53	61	54	50	56	51	47	51	47	44
5	74	62	53	47	70	59	51	46	54	48	43	50	45	41	46	42	38
6	68	55	47	41	65	53	46	40	49	43	38	45	40	36	42	37	34
7	63	50	42	36	60	48	41	35	45	38	33	41	36	32	38	34	30
8	58	46	38	32	56	44	37	31	41	34	30	38	32	28	35	30	27
9	55	42	34	29	52	40	33	28	38	31	27	35	30	26	32	28	24
10	51	39	31	26	49	37	30	25	35	29	24	32	27	23	30	25	22

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10070	10070	10070	10070
5°	10077	11423	10086	8666
10°	10016	13020	9998	7439
15°	9943	14117	9881	6722
20°	9817	15470	9727	6136
25°	9706	17726	9528	5790
30°	9545	18701	9380	5476
35°	9292	14991	9097	5224
40°	8897	10361	8765	4957
45°	8397	7714	8303	4736
50°	7826	6351	7697	4558
55°	7209	5416	7152	4404
60°	6604	4636	6489	4285
65°	5951	4003	5855	4111
70°	5262	3324	5192	3807
75°	4531	2570	4472	3306
80°	3577	1738	3448	2430
85°	2287	869	2213	1239

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 15381 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.3	2.6
10°-20°	450.6	7.8
20°-30°	731.9	12.7
30°-40°	894.4	15.5
40°-50°	811.3	14.1
50°-60°	646.2	11.2
60°-70°	450.1	7.8
70°-80°	239.8	4.2
80°-90°	60.1	1.0
90°-100°	127.6	2.2
100°-110°	275.1	4.8
110°-120°	256.5	4.5
120°-130°	207.7	3.6
130°-140°	166.8	2.9
140°-150°	125.8	2.2
150°-160°	88.6	1.5
160°-170°	52.2	0.9
170°-180°	17.0	0.3
0°-30°	1333.7	23.2
0°-40°	2228.1	38.7
0°-60°	3685.7	64.1
0°-90°	4435.7	77.1
90°-120°	659.2	11.5
90°-150°	1159.5	20.2
90°-180°	1317.0	22.9
0°-180°	5753.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1572	1572	1572	1572	1572	
5°	1570	1813	1572	1376	1570	149
15°	1509	2264	1500	1078	1509	426
25°	1389	2786	1364	910	1389	640
35°	1209	2236	1183	779	1209	755
45°	950	1054	939	647	950	732
55°	668	650	663	528	668	598
65°	414	399	407	410	414	410
75°	200	196	198	252	200	213
85°	40	44	39	63	40	48
90°	0	8	0	8	0	4
95°	12	83	12	83	12	12
105°	40	468	40	468	40	42
115°	71	522	71	522	71	70
125°	99	411	99	411	99	88
135°	116	342	116	342	116	90
145°	135	269	135	269	135	85
155°	154	226	154	226	154	71
165°	168	198	168	198	168	47
175°	175	178	175	178	175	17
180°	175	175	175	175	175	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7
2.5°	1574.3	1583.7	1594.3	1602.3	1615.7	1619.7	1626.4	1630.4	1634.4	1638.4	1641.0
5°	1570.3	1593.0	1613.0	1627.7	1653.0	1662.4	1674.4	1689.1	1706.4	1721.1	1730.4
7.5°	1559.7	1595.7	1622.4	1651.7	1686.4	1709.1	1721.1	1751.8	1779.8	1801.1	1829.2
10°	1546.3	1589.0	1630.4	1674.4	1723.8	1749.1	1773.1	1815.8	1854.5	1889.2	1917.2
12.5°	1531.6	1583.7	1633.0	1690.4	1757.1	1787.8	1803.8	1877.2	1925.2	1943.9	1998.6
15°	1509.0	1570.3	1641.0	1711.7	1767.8	1803.8	1847.8	1906.5	1954.6	1995.9	2040.0
17.5°	1487.6	1554.3	1626.4	1705.1	1786.5	1833.2	1866.5	1918.5	1970.6	2023.9	2065.3
20°	1452.9	1539.6	1613.0	1697.1	1793.1	1826.5	1861.2	1922.5	1978.6	2036.0	2088.0
22.5°	1424.9	1507.6	1607.7	1687.7	1769.1	1802.5	1845.2	1909.2	1975.9	2041.3	2117.3
25°	1388.9	1480.9	1567.7	1653.0	1737.1	1773.1	1811.8	1894.5	1963.9	2048.0	2132.0
27.5°	1350.2	1444.9	1531.6	1609.0	1687.7	1737.1	1778.5	1865.2	1957.2	2049.3	2158.7
30°	1308.8	1398.2	1480.9	1557.0	1643.7	1694.4	1735.8	1837.2	1939.9	2057.3	2188.1
32.5°	1264.8	1348.9	1419.6	1496.9	1589.0	1635.7	1691.7	1802.5	1923.9	2064.0	2228.1
35°	1208.8	1288.8	1351.5	1430.2	1522.3	1582.3	1641.0	1765.1	1906.5	2062.6	2250.8
37.5°	1152.7	1215.4	1275.5	1359.5	1466.3	1521.0	1582.3	1718.4	1879.9	2058.6	2260.1
40°	1086.0	1147.4	1199.4	1284.8	1396.9	1459.6	1523.6	1666.4	1849.2	2044.0	2226.7
42.5°	1019.3	1071.3	1128.7	1218.1	1326.2	1392.9	1460.9	1619.7	1809.1	2001.3	2134.7
45°	949.9	990.0	1052.7	1134.1	1248.8	1312.8	1390.2	1562.3	1753.1	1923.9	1990.6
47.5°	877.9	917.9	976.6	1055.3	1168.7	1244.8	1318.2	1490.3	1682.4	1814.5	1814.5
50°	808.5	840.5	897.9	976.6	1091.4	1160.7	1235.4	1418.2	1573.0	1670.4	1583.7
52.5°	733.8	769.8	817.9	900.6	1014.0	1076.7	1158.1	1314.2	1460.9	1500.9	1367.5
55°	668.4	697.8	743.1	821.9	927.3	992.6	1062.0	1211.4	1335.5	1332.8	1190.1
57.5°	600.4	624.4	672.4	744.5	841.9	900.6	969.9	1099.4	1200.8	1164.7	1030.0
60°	537.7	555.0	601.7	660.4	753.8	808.5	875.2	980.6	1058.0	1007.3	871.2
62.5°	472.3	492.3	529.7	587.0	669.8	713.8	763.1	869.9	919.2	873.9	735.1
65°	413.6	429.6	463.0	511.0	585.7	625.7	668.4	756.5	803.2	737.8	623.1
67.5°	354.9	373.6	397.6	440.3	499.0	536.3	573.7	649.7	671.1	612.4	516.3
70°	300.2	316.2	338.9	369.6	418.9	452.3	480.3	543.0	557.7	503.0	426.9
72.5°	246.8	257.5	276.2	301.5	346.9	365.6	394.9	437.6	456.3	406.9	352.2
75°	200.1	208.1	220.1	238.8	269.5	289.5	313.5	353.6	352.2	317.5	278.8
77.5°	154.8	156.1	169.4	186.8	205.5	222.8	234.8	262.8	265.5	244.2	212.1
80°	110.7	114.7	120.1	133.4	149.4	156.1	170.8	188.1	190.8	174.8	153.4
82.5°	70.7	73.4	77.4	85.4	96.1	104.1	112.1	118.7	125.4	116.1	98.7
85°	40.0	41.4	45.4	48.0	53.4	57.4	64.0	70.7	69.4	62.7	57.4
87.5°	20.0	20.0	20.0	22.7	25.3	25.3	28.0	29.4	30.7	28.0	25.3
90°	0.4	0.7	1.4	2.1	2.8	3.2	3.5	3.9	4.6	5.0	5.7
92.5°	5.3	6.4	9.9	15.2	22.6	29.0	35.4	59.4	99.7	143.6	141.1
95°	11.7	12.0	14.9	18.7	26.5	34.4	42.4	80.3	158.1	255.6	313.3
97.5°	18.0	18.4	20.5	24.4	31.5	37.3	43.1	69.3	129.1	234.4	338.4
100°	24.8	25.5	26.9	30.8	37.5	42.8	48.1	68.6	114.6	203.7	319.3
102.5°	32.2	32.5	33.6	37.8	43.8	49.0	54.1	71.8	108.6	180.3	285.7
105°	40.0	40.0	41.7	45.3	50.9	55.8	60.8	76.4	107.8	166.9	256.4
107.5°	47.4	48.1	49.9	52.7	58.7	63.1	67.5	82.7	110.3	159.8	234.4
110°	55.5	56.2	57.6	60.8	66.1	70.7	75.3	89.8	114.2	157.0	219.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	63.6	64.4	65.4	68.6	73.9	78.3	82.7	96.5	119.2	157.0	211.5
115°	71.4	72.1	73.2	76.4	81.7	86.1	90.5	103.6	124.1	158.1	205.8
117.5°	78.5	79.6	80.6	83.8	89.8	94.0	98.3	110.7	129.8	159.8	202.6
120°	85.6	86.6	88.0	91.2	97.2	101.6	106.1	118.5	135.4	162.7	200.5
122.5°	93.0	93.7	94.8	97.9	104.7	109.1	113.5	125.9	141.8	165.1	198.7
125°	99.0	99.7	101.5	104.7	111.4	116.0	120.6	132.2	147.4	168.0	197.3
127.5°	104.0	105.0	107.1	111.0	118.1	122.7	127.3	138.6	152.8	171.1	196.6
130°	108.6	109.6	112.4	117.0	124.5	129.1	133.7	144.6	158.1	174.0	195.9
132.5°	112.1	113.5	117.0	122.3	130.1	134.7	139.3	150.3	162.7	177.2	195.9
135°	116.0	117.4	121.6	127.3	134.7	139.5	144.3	155.2	166.9	180.0	195.9
137.5°	120.9	122.0	125.9	131.5	139.0	144.0	148.9	158.8	170.1	182.8	196.2
140°	125.2	126.2	130.5	136.1	142.9	147.6	152.4	162.7	173.3	184.6	196.6
142.5°	130.1	130.8	134.7	140.4	146.7	151.1	155.6	165.1	175.0	185.6	197.0
145°	135.1	135.8	139.3	144.3	150.6	154.7	158.8	168.0	176.8	186.3	196.6
147.5°	140.4	140.7	143.9	148.5	154.2	157.9	161.6	169.7	177.9	186.7	195.9
150°	145.0	145.7	148.2	152.8	157.7	160.7	163.7	171.5	178.9	186.7	194.8
152.5°	149.9	150.3	152.4	156.3	160.9	163.6	166.2	173.3	179.6	186.3	193.4
155°	154.2	154.2	156.3	159.8	163.4	165.9	168.3	174.3	180.0	185.6	191.6
157.5°	158.1	158.1	159.8	163.0	166.2	168.1	170.1	175.4	180.3	184.9	189.9
160°	161.9	161.6	163.0	165.5	168.3	169.9	171.5	176.1	180.3	183.9	188.1
162.5°	165.1	164.8	166.2	168.3	170.4	171.6	172.9	176.8	180.0	182.8	186.0
165°	168.3	167.6	168.7	170.4	171.8	172.9	174.0	176.8	179.6	181.7	183.9
167.5°	170.4	170.1	170.8	171.8	172.9	173.6	174.3	176.8	178.9	180.0	181.7
170°	172.6	172.2	172.6	173.3	174.0	174.5	175.0	176.8	178.2	178.9	180.0
172.5°	174.0	173.3	173.6	174.3	174.7	174.8	175.0	176.4	177.5	177.5	177.9
175°	175.0	174.3	174.7	175.0	175.0	175.0	175.0	176.1	176.8	176.4	176.4
177.5°	175.7	175.0	175.0	175.4	175.0	175.0	175.0	175.7	176.1	175.4	175.4
180°	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7
2.5°	1643.7	1653.0	1661.1	1667.7	1673.1	1681.1	1675.7	1677.1	1679.7	1685.1	1685.1
5°	1750.4	1765.1	1773.1	1799.8	1806.5	1805.1	1801.1	1822.5	1821.2	1813.1	1811.8
7.5°	1854.5	1879.9	1902.5	1923.9	1930.6	1947.9	1951.9	1961.2	1958.6	1971.9	1965.2
10°	1949.2	1989.3	2010.6	2042.6	2050.6	2058.6	2069.3	2074.6	2086.7	2085.3	2085.3
12.5°	2022.6	2070.6	2098.7	2106.7	2137.4	2146.7	2156.0	2173.4	2169.4	2170.7	2178.7
15°	2080.0	2126.7	2150.7	2188.1	2209.4	2220.1	2236.1	2254.8	2252.1	2264.1	2261.4
17.5°	2122.7	2166.7	2210.7	2266.8	2268.1	2296.1	2333.5	2341.5	2358.8	2346.8	2346.8
20°	2157.4	2216.1	2278.8	2350.8	2358.8	2376.2	2421.5	2452.2	2472.2	2465.6	2469.6
22.5°	2194.7	2278.8	2352.2	2424.2	2462.9	2493.6	2537.6	2585.6	2603.0	2613.7	2611.0
25°	2242.8	2330.8	2438.9	2538.9	2579.0	2637.7	2696.4	2743.1	2756.4	2785.8	2759.1
27.5°	2292.1	2416.2	2550.9	2668.4	2719.1	2767.1	2837.8	2872.5	2889.8	2903.2	2893.8
30°	2333.5	2504.3	2651.0	2759.1	2795.1	2823.1	2863.1	2871.1	2864.5	2875.2	2888.5
32.5°	2397.5	2564.3	2688.4	2740.4	2736.4	2735.1	2704.4	2661.7	2652.3	2627.0	2661.7
35°	2432.2	2565.6	2613.7	2544.3	2516.3	2465.6	2368.2	2304.1	2248.1	2236.1	2238.7
37.5°	2412.2	2464.2	2406.9	2224.1	2178.7	2101.3	1971.9	1881.2	1839.8	1807.8	1849.2
40°	2304.1	2246.8	2089.3	1866.5	1801.1	1727.8	1606.3	1557.0	1498.3	1486.3	1541.0
42.5°	2125.3	1950.6	1727.8	1555.7	1487.6	1446.2	1344.9	1298.2	1256.8	1238.1	1268.8
45°	1882.5	1670.4	1446.2	1304.8	1247.5	1198.1	1138.1	1088.7	1062.0	1054.0	1079.3
47.5°	1631.7	1407.6	1228.8	1123.4	1063.3	1026.0	969.9	941.9	920.6	923.3	927.3
50°	1391.5	1187.4	1050.0	944.6	915.2	885.9	848.5	824.5	813.8	817.9	815.2
52.5°	1184.7	1019.3	903.2	821.9	808.5	780.5	749.8	729.8	725.8	727.1	731.1
55°	1003.3	873.9	781.8	723.1	708.4	688.4	669.8	656.4	645.7	649.7	648.4
57.5°	865.9	752.5	681.8	633.7	623.1	611.1	593.7	587.0	583.0	575.0	581.7
60°	744.5	652.4	591.0	561.7	552.3	544.3	525.7	517.7	515.0	511.0	521.7
62.5°	629.7	564.4	517.7	491.0	481.6	473.6	464.3	457.6	459.0	453.6	459.0
65°	539.0	485.6	452.3	428.3	416.3	410.9	409.6	398.9	397.6	398.9	400.3
67.5°	455.0	409.6	384.2	369.6	360.2	354.9	350.9	344.2	349.6	345.6	348.2
70°	378.9	348.2	321.5	306.9	302.9	304.2	297.5	294.9	296.2	293.5	296.2
72.5°	305.5	280.2	269.5	258.8	253.5	252.2	248.2	244.2	248.2	246.8	246.8
75°	244.2	225.5	213.5	206.8	206.8	204.1	197.5	197.5	197.5	196.1	197.5
77.5°	188.1	172.1	166.8	160.1	160.1	156.1	154.8	154.8	152.1	156.1	153.4
80°	140.1	128.1	120.1	116.1	116.1	114.7	112.1	110.7	112.1	110.7	110.7
82.5°	90.7	85.4	81.4	77.4	76.0	77.4	76.0	73.4	74.7	73.4	76.0
85°	52.0	46.7	46.7	44.0	45.4	42.7	44.0	41.4	40.0	44.0	41.4
87.5°	22.7	21.3	21.3	18.7	18.7	18.7	17.3	18.7	17.3	16.0	17.3
90°	6.0	6.4	6.7	7.1	7.4	7.8	7.8	7.8	8.1	8.1	8.1
92.5°	113.9	76.7	55.2	41.0	37.6	34.3	28.6	27.6	26.9	26.2	26.9
95°	306.6	254.2	200.5	157.0	142.2	127.3	102.2	91.6	88.8	83.1	88.8
97.5°	382.9	364.6	321.8	277.9	256.7	235.5	214.3	195.9	186.3	182.1	186.3
100°	407.7	434.9	417.6	381.2	362.8	344.4	320.0	294.5	281.5	275.8	281.5
102.5°	392.8	458.6	476.3	463.6	452.6	441.6	415.1	398.9	384.4	380.5	384.4
105°	357.8	442.7	491.1	506.7	504.8	502.8	491.5	479.8	472.8	468.5	472.8
107.5°	324.6	410.2	474.2	511.7	519.4	527.2	530.4	528.6	525.1	521.6	525.1
110°	297.0	373.4	440.6	490.4	505.4	520.5	536.4	543.1	545.6	545.6	545.6

TEST NUMBER: P1027423

CATALOG NUMBER: S125DIP-B1090D375UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	276.5	344.4	407.3	457.9	476.3	494.7	519.8	532.5	539.6	542.8	539.6
115°	262.7	321.1	375.9	424.3	443.6	462.9	490.4	507.4	517.3	521.9	517.3
117.5°	253.5	304.8	353.2	395.7	413.9	432.1	460.0	477.7	487.6	490.4	487.6
120°	246.1	292.1	334.5	373.4	389.0	404.5	430.7	447.7	457.2	460.0	457.2
122.5°	239.7	282.5	321.1	354.7	369.0	383.3	405.9	421.1	430.7	433.2	430.7
125°	234.1	273.3	309.4	340.2	352.9	365.6	385.4	399.9	407.7	411.2	407.7
127.5°	228.8	263.8	298.1	327.1	339.1	351.1	369.2	382.2	389.7	391.1	389.7
130°	223.5	254.9	286.1	313.6	325.1	336.6	354.3	366.0	373.0	375.2	373.0
132.5°	219.2	246.1	274.7	299.1	310.1	321.1	338.7	350.4	356.8	359.3	356.8
135°	216.0	238.7	263.1	285.7	295.8	305.9	321.4	333.1	339.5	341.6	339.5
137.5°	212.9	232.0	252.5	271.9	280.8	289.6	303.7	314.7	320.7	323.2	320.7
140°	210.7	226.7	243.3	259.5	267.0	274.4	287.5	296.7	302.0	303.7	302.0
142.5°	209.0	222.1	235.5	248.9	255.1	261.3	271.9	279.3	284.3	285.7	284.3
145°	207.2	218.2	229.1	240.1	244.8	249.6	258.1	264.1	268.0	269.4	268.0
147.5°	205.4	214.3	223.5	232.3	236.0	239.7	246.8	251.8	254.2	254.9	254.2
150°	203.3	211.1	218.9	225.6	228.8	232.0	237.3	241.5	242.9	243.3	242.9
152.5°	200.8	207.6	214.3	220.3	222.6	224.9	229.1	232.3	233.7	234.1	233.7
155°	198.0	204.0	209.7	214.6	216.6	218.5	222.1	224.5	225.6	225.9	225.6
157.5°	195.5	200.5	205.4	209.3	210.9	212.5	215.3	217.5	218.5	218.5	218.5
160°	192.4	197.0	200.5	204.0	205.2	206.5	209.0	210.7	211.5	211.1	211.5
162.5°	189.5	193.1	196.2	199.1	200.1	201.2	203.0	204.4	204.4	204.4	204.4
165°	186.7	189.5	192.0	194.1	195.0	195.9	197.3	198.0	198.0	198.0	198.0
167.5°	183.9	186.0	187.8	189.5	190.2	190.9	191.6	192.4	192.0	192.0	192.0
170°	181.4	183.2	184.2	185.3	185.6	186.0	186.7	187.1	187.1	186.7	187.1
172.5°	178.9	180.0	181.0	181.7	181.9	182.1	182.1	182.8	182.1	181.7	182.1
175°	176.8	177.9	177.9	178.6	178.6	178.6	178.6	178.9	178.2	177.9	178.2
177.5°	175.7	176.1	176.4	176.4	176.4	176.4	176.1	176.4	175.4	175.4	175.4
180°	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4

TEST NUMBER: P1027423

CATALOG NUMBER: S125DIP-B1090D375UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7
2.5°	1682.4	1673.1	1675.7	1673.1	1666.4	1662.4	1651.7	1638.4	1633.0	1626.4	1622.4
5°	1817.1	1810.5	1809.1	1798.5	1795.8	1779.8	1753.1	1739.8	1723.8	1707.7	1691.7
7.5°	1963.9	1955.9	1929.2	1925.2	1927.9	1907.9	1873.2	1846.5	1813.1	1790.5	1759.8
10°	2085.3	2069.3	2046.6	2048.0	2038.6	2011.9	1977.3	1949.2	1901.2	1871.9	1827.8
12.5°	2158.7	2145.4	2142.7	2129.3	2121.3	2086.7	2045.3	2009.3	1973.2	1933.2	1899.9
15°	2248.1	2230.7	2218.7	2200.1	2194.7	2158.7	2113.3	2072.0	2030.6	1993.3	1922.5
17.5°	2346.8	2328.1	2282.8	2278.8	2246.8	2212.1	2168.0	2106.7	2062.6	2009.3	1957.2
20°	2458.9	2432.2	2373.5	2358.8	2333.5	2276.1	2216.1	2148.0	2077.3	2022.6	1961.2
22.5°	2584.3	2537.6	2494.9	2448.2	2429.5	2358.8	2276.1	2193.4	2108.0	2033.3	1959.9
25°	2747.1	2685.7	2625.7	2579.0	2546.9	2454.9	2344.1	2234.7	2136.0	2038.6	1942.6
27.5°	2875.2	2821.8	2756.4	2695.0	2653.7	2544.3	2417.5	2276.1	2153.4	2034.6	1931.9
30°	2884.5	2868.5	2828.5	2795.1	2749.7	2632.3	2492.2	2332.1	2180.0	2036.0	1910.5
32.5°	2709.7	2741.7	2759.1	2764.4	2755.1	2687.0	2559.0	2382.8	2204.1	2023.9	1891.9
35°	2333.5	2418.9	2524.3	2564.3	2603.0	2639.0	2572.3	2418.9	2212.1	2021.3	1862.5
37.5°	1921.2	1998.6	2173.4	2253.4	2298.8	2441.5	2496.2	2413.5	2228.1	2023.9	1834.5
40°	1550.3	1673.1	1798.5	1906.5	1977.3	2137.4	2306.8	2325.5	2205.4	1998.6	1798.5
42.5°	1304.8	1376.9	1471.6	1571.7	1634.4	1823.8	2053.3	2188.1	2134.7	1957.2	1754.4
45°	1111.4	1164.7	1254.1	1287.5	1367.5	1549.0	1791.8	1986.6	2013.3	1891.9	1703.7
47.5°	953.9	999.3	1056.7	1098.0	1162.1	1298.2	1503.6	1718.4	1846.5	1802.5	1633.0
50°	840.5	877.9	925.9	949.9	991.3	1114.0	1268.8	1482.3	1654.4	1669.1	1541.0
52.5°	745.8	767.2	804.5	831.2	864.5	939.3	1079.3	1255.5	1448.9	1529.0	1427.6
55°	663.1	680.4	713.8	731.1	748.5	812.5	921.9	1082.0	1263.5	1368.9	1311.5
57.5°	588.4	603.0	631.1	647.1	656.4	717.8	801.8	927.3	1090.0	1218.1	1186.1
60°	527.0	540.3	556.4	568.4	579.0	629.7	688.4	789.8	935.3	1059.3	1051.3
62.5°	461.6	473.6	491.0	503.0	512.3	544.3	593.7	671.1	795.2	909.9	932.6
65°	404.3	413.6	425.6	430.9	442.9	467.0	507.0	576.4	677.8	780.5	796.5
67.5°	352.2	354.9	362.9	374.9	377.6	398.9	434.9	487.0	565.7	649.7	675.1
70°	296.2	300.2	306.9	316.2	321.5	334.9	365.6	400.3	468.3	541.7	560.4
72.5°	246.8	252.2	254.8	260.2	262.8	284.2	297.5	332.2	378.9	440.3	460.3
75°	200.1	205.5	206.8	209.5	212.1	221.5	240.2	261.5	300.2	340.2	366.9
77.5°	158.8	157.4	160.1	164.1	162.8	170.8	182.8	201.5	226.8	260.2	277.5
80°	112.1	112.1	116.1	120.1	118.7	126.7	130.7	144.1	165.4	186.8	193.5
82.5°	74.7	74.7	78.7	78.7	81.4	82.7	88.1	94.7	112.1	122.7	126.7
85°	42.7	42.7	44.0	44.0	44.0	46.7	50.7	53.4	58.7	65.4	68.0
87.5°	17.3	18.7	18.7	18.7	18.7	21.3	21.3	24.0	25.3	28.0	28.0
90°	7.8	7.8	7.8	7.4	7.1	6.7	6.4	6.0	5.7	5.0	4.6
92.5°	27.6	28.6	34.3	37.6	41.0	55.2	76.7	113.9	141.1	143.6	99.7
95°	91.6	102.2	127.3	142.2	157.0	200.5	254.2	306.6	313.3	255.6	158.1
97.5°	195.9	214.3	235.5	256.7	277.9	321.8	364.6	382.9	338.4	234.4	129.1
100°	294.5	320.0	344.4	362.8	381.2	417.6	434.9	407.7	319.3	203.7	114.6
102.5°	398.9	415.1	441.6	452.6	463.6	476.3	458.6	392.8	285.7	180.3	108.6
105°	479.8	491.5	502.8	504.8	506.7	491.1	442.7	357.8	256.4	166.9	107.8
107.5°	528.6	530.4	527.2	519.4	511.7	474.2	410.2	324.6	234.4	159.8	110.3
110°	543.1	536.4	520.5	505.4	490.4	440.6	373.4	297.0	219.9	157.0	114.2

TEST NUMBER: P1027423

CATALOG NUMBER: S125DIP-B1090D375UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	532.5	519.8	494.7	476.3	457.9	407.3	344.4	276.5	211.5	157.0	119.2
115°	507.4	490.4	462.9	443.6	424.3	375.9	321.1	262.7	205.8	158.1	124.1
117.5°	477.7	460.0	432.1	413.9	395.7	353.2	304.8	253.5	202.6	159.8	129.8
120°	447.7	430.7	404.5	389.0	373.4	334.5	292.1	246.1	200.5	162.7	135.4
122.5°	421.1	405.9	383.3	369.0	354.7	321.1	282.5	239.7	198.7	165.1	141.8
125°	399.9	385.4	365.6	352.9	340.2	309.4	273.3	234.1	197.3	168.0	147.4
127.5°	382.2	369.2	351.1	339.1	327.1	298.1	263.8	228.8	196.6	171.1	152.8
130°	366.0	354.3	336.6	325.1	313.6	286.1	254.9	223.5	195.9	174.0	158.1
132.5°	350.4	338.7	321.1	310.1	299.1	274.7	246.1	219.2	195.9	177.2	162.7
135°	333.1	321.4	305.9	295.8	285.7	263.1	238.7	216.0	195.9	180.0	166.9
137.5°	314.7	303.7	289.6	280.8	271.9	252.5	232.0	212.9	196.2	182.8	170.1
140°	296.7	287.5	274.4	267.0	259.5	243.3	226.7	210.7	196.6	184.6	173.3
142.5°	279.3	271.9	261.3	255.1	248.9	235.5	222.1	209.0	197.0	185.6	175.0
145°	264.1	258.1	249.6	244.8	240.1	229.1	218.2	207.2	196.6	186.3	176.8
147.5°	251.8	246.8	239.7	236.0	232.3	223.5	214.3	205.4	195.9	186.7	177.9
150°	241.5	237.3	232.0	228.8	225.6	218.9	211.1	203.3	194.8	186.7	178.9
152.5°	232.3	229.1	224.9	222.6	220.3	214.3	207.6	200.8	193.4	186.3	179.6
155°	224.5	222.1	218.5	216.6	214.6	209.7	204.0	198.0	191.6	185.6	180.0
157.5°	217.5	215.3	212.5	210.9	209.3	205.4	200.5	195.5	189.9	184.9	180.3
160°	210.7	209.0	206.5	205.2	204.0	200.5	197.0	192.4	188.1	183.9	180.3
162.5°	204.4	203.0	201.2	200.1	199.1	196.2	193.1	189.5	186.0	182.8	180.0
165°	198.0	197.3	195.9	195.0	194.1	192.0	189.5	186.7	183.9	181.7	179.6
167.5°	192.4	191.6	190.9	190.2	189.5	187.8	186.0	183.9	181.7	180.0	178.9
170°	187.1	186.7	186.0	185.6	185.3	184.2	183.2	181.4	180.0	178.9	178.2
172.5°	182.8	182.1	182.1	181.9	181.7	181.0	180.0	178.9	177.9	177.5	177.5
175°	178.9	178.6	178.6	178.6	178.6	177.9	177.9	176.8	176.4	176.4	176.8
177.5°	176.4	176.1	176.4	176.4	176.4	176.4	176.1	175.7	175.4	175.4	176.1
180°	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4

TEST NUMBER: P1027423

CATALOG NUMBER: S125DIP-B1090D375UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7
2.5°	1617.0	1610.4	1602.3	1602.3	1593.0	1589.0	1581.0	1578.3	1571.7	1561.0	1553.0
5°	1674.4	1657.0	1646.4	1637.0	1617.0	1602.3	1587.7	1571.7	1555.7	1537.0	1515.6
7.5°	1730.4	1698.4	1683.7	1667.7	1638.4	1607.7	1578.3	1557.0	1535.6	1506.3	1479.6
10°	1789.1	1749.1	1722.4	1701.1	1655.7	1617.0	1574.3	1543.6	1510.3	1472.9	1438.2
12.5°	1838.5	1786.5	1763.8	1723.8	1671.7	1625.0	1571.7	1525.0	1480.9	1436.9	1394.2
15°	1879.9	1830.5	1774.5	1758.4	1686.4	1619.7	1559.7	1499.6	1444.9	1400.9	1351.5
17.5°	1893.2	1830.5	1802.5	1763.8	1678.4	1609.0	1533.0	1467.6	1415.6	1350.2	1311.5
20°	1897.2	1837.2	1798.5	1762.4	1686.4	1594.3	1519.6	1439.6	1376.9	1311.5	1250.1
22.5°	1886.5	1815.8	1778.5	1743.8	1658.4	1579.7	1492.9	1404.9	1331.5	1271.5	1210.1
25°	1866.5	1783.8	1747.8	1710.4	1629.0	1542.3	1447.6	1363.5	1295.5	1223.4	1163.4
27.5°	1839.8	1745.1	1703.7	1665.1	1585.0	1503.6	1414.2	1327.5	1251.5	1175.4	1119.4
30°	1806.5	1697.1	1659.7	1609.0	1531.6	1454.3	1372.9	1286.1	1200.8	1128.7	1067.3
32.5°	1763.8	1649.0	1599.7	1551.6	1467.6	1396.9	1319.5	1238.1	1155.4	1084.7	1020.6
35°	1725.1	1594.3	1539.6	1491.6	1398.2	1323.5	1259.5	1183.4	1110.0	1036.7	979.3
37.5°	1673.1	1539.6	1474.3	1424.9	1330.2	1254.1	1194.1	1135.4	1058.0	987.3	933.9
40°	1618.4	1471.6	1410.2	1360.9	1262.1	1179.4	1122.0	1070.0	1007.3	941.9	885.9
42.5°	1569.0	1406.2	1340.8	1280.8	1180.7	1107.4	1048.7	1008.6	951.3	892.6	841.9
45°	1506.3	1336.8	1266.1	1203.4	1107.4	1027.3	971.3	939.3	896.6	839.2	795.2
47.5°	1442.2	1262.1	1188.8	1127.4	1023.3	952.6	897.9	867.2	837.9	792.5	748.5
50°	1358.2	1183.4	1116.7	1046.0	943.3	871.2	825.9	795.2	772.5	740.5	703.1
52.5°	1266.1	1102.0	1030.0	968.6	867.2	801.8	749.8	732.5	709.8	685.8	653.7
55°	1168.7	1014.0	944.6	884.6	791.2	724.5	681.8	663.1	645.7	627.1	605.7
57.5°	1071.3	921.9	856.5	803.2	716.5	652.4	617.7	592.4	580.4	569.7	552.3
60°	949.9	823.2	772.5	724.5	639.1	580.4	547.0	528.3	517.7	512.3	504.3
62.5°	843.2	739.1	683.1	636.4	568.4	516.3	484.3	469.6	460.3	457.6	448.3
65°	729.8	640.4	596.4	556.4	497.6	451.0	424.3	406.9	400.3	398.9	398.9
67.5°	623.1	551.0	507.0	479.0	428.3	386.9	361.6	354.9	350.9	345.6	344.2
70°	523.0	465.6	426.9	402.9	357.6	326.9	306.9	296.2	296.2	292.2	289.5
72.5°	434.9	377.6	352.2	332.2	294.9	268.2	253.5	250.8	241.5	240.2	240.2
75°	340.2	297.5	280.2	262.8	234.8	216.1	204.1	197.5	192.1	192.1	193.5
77.5°	256.2	226.8	210.8	197.5	177.4	165.4	156.1	153.4	148.1	148.1	148.1
80°	181.4	165.4	153.4	142.8	128.1	117.4	112.1	106.7	106.7	105.4	106.7
82.5°	117.4	104.1	97.4	96.1	82.7	78.7	72.0	73.4	69.4	68.0	70.7
85°	68.0	61.4	53.4	50.7	45.4	40.0	37.4	38.7	37.4	36.0	37.4
87.5°	26.7	22.7	21.3	21.3	17.3	16.0	14.7	16.0	13.3	13.3	14.7
90°	3.9	3.5	3.2	2.8	2.1	1.4	0.7	0.4	0.7	1.4	2.1
92.5°	59.4	35.4	29.0	22.6	15.2	9.9	6.4	5.3	6.4	9.9	15.2
95°	80.3	42.4	34.4	26.5	18.7	14.9	12.0	11.7	12.0	14.9	18.7
97.5°	69.3	43.1	37.3	31.5	24.4	20.5	18.4	18.0	18.4	20.5	24.4
100°	68.6	48.1	42.8	37.5	30.8	26.9	25.5	24.8	25.5	26.9	30.8
102.5°	71.8	54.1	49.0	43.8	37.8	33.6	32.5	32.2	32.5	33.6	37.8
105°	76.4	60.8	55.8	50.9	45.3	41.7	40.0	40.0	40.0	41.7	45.3
107.5°	82.7	67.5	63.1	58.7	52.7	49.9	48.1	47.4	48.1	49.9	52.7
110°	89.8	75.3	70.7	66.1	60.8	57.6	56.2	55.5	56.2	57.6	60.8

TEST NUMBER: P1027423

CATALOG NUMBER: S125DIP-B1090D375UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	96.5	82.7	78.3	73.9	68.6	65.4	64.4	63.6	64.4	65.4	68.6
115°	103.6	90.5	86.1	81.7	76.4	73.2	72.1	71.4	72.1	73.2	76.4
117.5°	110.7	98.3	94.0	89.8	83.8	80.6	79.6	78.5	79.6	80.6	83.8
120°	118.5	106.1	101.6	97.2	91.2	88.0	86.6	85.6	86.6	88.0	91.2
122.5°	125.9	113.5	109.1	104.7	97.9	94.8	93.7	93.0	93.7	94.8	97.9
125°	132.2	120.6	116.0	111.4	104.7	101.5	99.7	99.0	99.7	101.5	104.7
127.5°	138.6	127.3	122.7	118.1	111.0	107.1	105.0	104.0	105.0	107.1	111.0
130°	144.6	133.7	129.1	124.5	117.0	112.4	109.6	108.6	109.6	112.4	117.0
132.5°	150.3	139.3	134.7	130.1	122.3	117.0	113.5	112.1	113.5	117.0	122.3
135°	155.2	144.3	139.5	134.7	127.3	121.6	117.4	116.0	117.4	121.6	127.3
137.5°	158.8	148.9	144.0	139.0	131.5	125.9	122.0	120.9	122.0	125.9	131.5
140°	162.7	152.4	147.6	142.9	136.1	130.5	126.2	125.2	126.2	130.5	136.1
142.5°	165.1	155.6	151.1	146.7	140.4	134.7	130.8	130.1	130.8	134.7	140.4
145°	168.0	158.8	154.7	150.6	144.3	139.3	135.8	135.1	135.8	139.3	144.3
147.5°	169.7	161.6	157.9	154.2	148.5	143.9	140.7	140.4	140.7	143.9	148.5
150°	171.5	163.7	160.7	157.7	152.8	148.2	145.7	145.0	145.7	148.2	152.8
152.5°	173.3	166.2	163.6	160.9	156.3	152.4	150.3	149.9	150.3	152.4	156.3
155°	174.3	168.3	165.9	163.4	159.8	156.3	154.2	154.2	154.2	156.3	159.8
157.5°	175.4	170.1	168.1	166.2	163.0	159.8	158.1	158.1	158.1	159.8	163.0
160°	176.1	171.5	169.9	168.3	165.5	163.0	161.6	161.9	161.6	163.0	165.5
162.5°	176.8	172.9	171.6	170.4	168.3	166.2	164.8	165.1	164.8	166.2	168.3
165°	176.8	174.0	172.9	171.8	170.4	168.7	167.6	168.3	167.6	168.7	170.4
167.5°	176.8	174.3	173.6	172.9	171.8	170.8	170.1	170.4	170.1	170.8	171.8
170°	176.8	175.0	174.5	174.0	173.3	172.6	172.2	172.6	172.2	172.6	173.3
172.5°	176.4	175.0	174.8	174.7	174.3	173.6	173.3	174.0	173.3	173.6	174.3
175°	176.1	175.0	175.0	175.0	175.0	174.7	174.3	175.0	174.3	174.7	175.0
177.5°	175.7	175.0	175.0	175.0	175.4	175.0	175.0	175.7	175.0	175.0	175.4
180°	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4

TEST NUMBER: P1027423

CATALOG NUMBER: S125DIP-B1090D375UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7
2.5°	1550.3	1547.6	1541.0	1537.0	1523.6	1507.6	1502.3	1488.9	1494.3	1484.9	1484.9
5°	1509.0	1496.9	1488.9	1476.9	1451.6	1434.2	1415.6	1406.2	1400.9	1394.2	1388.9
7.5°	1455.6	1446.2	1438.2	1415.6	1387.5	1363.5	1340.8	1331.5	1314.2	1302.2	1296.8
10°	1408.9	1395.5	1376.9	1350.2	1320.8	1290.1	1270.1	1250.1	1236.8	1230.1	1215.4
12.5°	1360.9	1344.9	1324.8	1286.1	1254.1	1235.4	1199.4	1180.7	1174.1	1168.7	1151.4
15°	1311.5	1294.2	1270.1	1234.1	1206.1	1162.1	1140.7	1126.0	1110.0	1108.7	1095.4
17.5°	1267.5	1246.1	1226.1	1182.1	1147.4	1108.7	1096.7	1080.7	1066.0	1050.0	1043.3
20°	1211.4	1191.4	1176.7	1128.7	1090.0	1066.0	1046.0	1032.7	1023.3	1007.3	1004.6
22.5°	1160.7	1139.4	1119.4	1083.4	1050.0	1019.3	995.3	980.6	976.6	969.9	957.9
25°	1111.4	1090.0	1066.0	1032.7	998.0	976.6	955.3	945.9	937.9	927.3	917.9
27.5°	1070.0	1050.0	1027.3	986.0	956.6	940.6	917.9	907.2	896.6	891.2	887.2
30°	1020.6	998.0	980.6	948.6	916.6	895.2	879.2	869.9	860.5	855.2	852.5
32.5°	972.6	951.3	939.3	904.6	879.2	853.9	841.9	835.2	829.9	824.5	819.2
35°	933.9	912.6	893.9	861.9	836.5	819.2	809.8	799.2	795.2	789.8	789.8
37.5°	885.9	869.9	851.2	820.5	797.8	784.5	776.5	763.1	761.8	759.1	755.1
40°	844.5	828.5	811.2	784.5	764.5	748.5	737.8	731.1	727.1	724.5	721.8
42.5°	800.5	783.2	775.2	744.5	727.1	711.1	705.8	699.1	697.8	692.4	685.8
45°	757.8	743.1	727.1	704.4	689.8	676.4	668.4	663.1	656.4	655.1	651.1
47.5°	720.5	703.1	688.4	667.1	651.1	640.4	633.7	627.1	621.7	617.7	613.7
50°	672.4	659.1	647.1	624.4	611.1	600.4	591.0	585.7	580.4	580.4	580.4
52.5°	625.7	613.7	603.0	587.0	571.0	561.7	551.0	547.0	544.3	540.3	544.3
55°	580.4	568.4	557.7	545.7	527.0	519.0	508.3	504.3	505.7	505.7	509.7
57.5°	532.3	523.0	516.3	501.7	484.3	476.3	469.6	465.6	465.6	471.0	472.3
60°	485.6	476.3	464.3	451.0	440.3	430.9	426.9	428.3	428.3	430.9	437.6
62.5°	433.6	428.3	421.6	402.9	396.3	389.6	384.2	388.2	386.9	393.6	402.9
65°	385.6	380.2	370.9	361.6	353.6	346.9	345.6	346.9	349.6	356.2	366.9
67.5°	332.2	332.2	324.2	316.2	309.5	302.9	304.2	305.5	308.2	316.2	332.2
70°	288.2	282.8	274.8	269.5	264.2	261.5	258.8	264.2	272.2	277.5	289.5
72.5°	240.2	236.1	229.5	224.1	222.8	220.1	218.8	221.5	229.5	238.8	252.2
75°	189.5	190.8	186.8	182.8	182.8	178.8	181.4	181.4	189.5	198.8	209.5
77.5°	146.8	145.4	144.1	141.4	140.1	140.1	140.1	142.8	150.8	156.1	166.8
80°	104.1	105.4	101.4	102.7	101.4	102.7	102.7	108.1	112.1	118.7	126.7
82.5°	69.4	69.4	66.7	68.0	68.0	68.0	69.4	72.0	77.4	82.7	88.1
85°	38.7	40.0	37.4	40.0	40.0	40.0	41.4	42.7	46.7	48.0	53.4
87.5°	14.7	17.3	17.3	14.7	16.0	17.3	18.7	17.3	20.0	22.7	24.0
90°	2.8	3.2	3.5	3.9	4.6	5.0	5.7	6.0	6.4	6.7	7.1
92.5°	22.6	29.0	35.4	59.4	99.7	143.6	141.1	113.9	76.7	55.2	41.0
95°	26.5	34.4	42.4	80.3	158.1	255.6	313.3	306.6	254.2	200.5	157.0
97.5°	31.5	37.3	43.1	69.3	129.1	234.4	338.4	382.9	364.6	321.8	277.9
100°	37.5	42.8	48.1	68.6	114.6	203.7	319.3	407.7	434.9	417.6	381.2
102.5°	43.8	49.0	54.1	71.8	108.6	180.3	285.7	392.8	458.6	476.3	463.6
105°	50.9	55.8	60.8	76.4	107.8	166.9	256.4	357.8	442.7	491.1	506.7
107.5°	58.7	63.1	67.5	82.7	110.3	159.8	234.4	324.6	410.2	474.2	511.7
110°	66.1	70.7	75.3	89.8	114.2	157.0	219.9	297.0	373.4	440.6	490.4

TEST NUMBER: P1027423

CATALOG NUMBER: S125DIP-B1090D375UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	73.9	78.3	82.7	96.5	119.2	157.0	211.5	276.5	344.4	407.3	457.9
115°	81.7	86.1	90.5	103.6	124.1	158.1	205.8	262.7	321.1	375.9	424.3
117.5°	89.8	94.0	98.3	110.7	129.8	159.8	202.6	253.5	304.8	353.2	395.7
120°	97.2	101.6	106.1	118.5	135.4	162.7	200.5	246.1	292.1	334.5	373.4
122.5°	104.7	109.1	113.5	125.9	141.8	165.1	198.7	239.7	282.5	321.1	354.7
125°	111.4	116.0	120.6	132.2	147.4	168.0	197.3	234.1	273.3	309.4	340.2
127.5°	118.1	122.7	127.3	138.6	152.8	171.1	196.6	228.8	263.8	298.1	327.1
130°	124.5	129.1	133.7	144.6	158.1	174.0	195.9	223.5	254.9	286.1	313.6
132.5°	130.1	134.7	139.3	150.3	162.7	177.2	195.9	219.2	246.1	274.7	299.1
135°	134.7	139.5	144.3	155.2	166.9	180.0	195.9	216.0	238.7	263.1	285.7
137.5°	139.0	144.0	148.9	158.8	170.1	182.8	196.2	212.9	232.0	252.5	271.9
140°	142.9	147.6	152.4	162.7	173.3	184.6	196.6	210.7	226.7	243.3	259.5
142.5°	146.7	151.1	155.6	165.1	175.0	185.6	197.0	209.0	222.1	235.5	248.9
145°	150.6	154.7	158.8	168.0	176.8	186.3	196.6	207.2	218.2	229.1	240.1
147.5°	154.2	157.9	161.6	169.7	177.9	186.7	195.9	205.4	214.3	223.5	232.3
150°	157.7	160.7	163.7	171.5	178.9	186.7	194.8	203.3	211.1	218.9	225.6
152.5°	160.9	163.6	166.2	173.3	179.6	186.3	193.4	200.8	207.6	214.3	220.3
155°	163.4	165.9	168.3	174.3	180.0	185.6	191.6	198.0	204.0	209.7	214.6
157.5°	166.2	168.1	170.1	175.4	180.3	184.9	189.9	195.5	200.5	205.4	209.3
160°	168.3	169.9	171.5	176.1	180.3	183.9	188.1	192.4	197.0	200.5	204.0
162.5°	170.4	171.6	172.9	176.8	180.0	182.8	186.0	189.5	193.1	196.2	199.1
165°	171.8	172.9	174.0	176.8	179.6	181.7	183.9	186.7	189.5	192.0	194.1
167.5°	172.9	173.6	174.3	176.8	178.9	180.0	181.7	183.9	186.0	187.8	189.5
170°	174.0	174.5	175.0	176.8	178.2	178.9	180.0	181.4	183.2	184.2	185.3
172.5°	174.7	174.8	175.0	176.4	177.5	177.5	177.9	178.9	180.0	181.0	181.7
175°	175.0	175.0	175.0	176.1	176.8	176.4	176.4	176.8	177.9	177.9	178.6
177.5°	175.0	175.0	175.0	175.7	176.1	175.4	175.4	175.7	176.1	176.4	176.4
180°	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4

TEST NUMBER: P1027423

CATALOG NUMBER: S125DIP-B1090D375UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7
2.5°	1490.3	1480.9	1479.6	1482.3	1476.9	1484.9	1482.3	1484.9	1478.3	1484.9	1480.9
5°	1387.5	1384.9	1379.5	1372.9	1374.2	1375.5	1382.2	1375.5	1380.9	1382.2	1388.9
7.5°	1291.5	1286.1	1290.1	1287.5	1275.5	1272.8	1275.5	1279.5	1287.5	1292.8	1296.8
10°	1214.1	1211.4	1206.1	1202.1	1195.4	1191.4	1196.8	1191.4	1202.1	1211.4	1211.4
12.5°	1155.4	1144.7	1138.1	1136.7	1122.0	1124.7	1130.0	1134.1	1146.1	1151.4	1151.4
15°	1094.0	1086.0	1083.4	1078.0	1072.7	1078.0	1075.3	1079.3	1084.7	1090.0	1092.7
17.5°	1040.7	1039.3	1040.7	1027.3	1031.3	1024.6	1026.0	1032.7	1028.7	1032.7	1040.7
20°	992.6	995.3	991.3	986.0	986.0	978.0	987.3	984.6	986.0	994.0	1006.0
22.5°	956.6	955.3	951.3	947.3	941.9	943.3	944.6	941.9	952.6	959.3	960.6
25°	917.9	915.2	913.9	909.9	904.6	909.9	908.6	909.9	912.6	923.3	915.2
27.5°	881.9	876.6	879.2	875.2	873.9	875.2	875.2	876.6	879.2	880.6	881.9
30°	851.2	845.9	844.5	841.9	840.5	841.9	844.5	841.9	852.5	851.2	851.2
32.5°	817.9	813.8	811.2	811.2	809.8	808.5	809.8	811.2	819.2	813.8	819.2
35°	785.8	783.2	783.2	780.5	779.2	779.2	779.2	784.5	781.8	785.8	785.8
37.5°	755.1	755.1	753.8	751.1	749.8	751.1	749.8	752.5	751.1	752.5	753.8
40°	723.1	720.5	719.1	719.1	715.1	711.1	715.1	715.1	716.5	720.5	721.8
42.5°	684.4	685.8	685.8	680.4	680.4	680.4	681.8	683.1	683.1	685.8	685.8
45°	651.1	648.4	648.4	648.4	645.7	647.1	649.7	649.7	649.7	649.7	647.1
47.5°	613.7	613.7	615.1	615.1	619.1	617.7	617.7	616.4	613.7	613.7	615.1
50°	579.0	583.0	584.4	584.4	585.7	587.0	587.0	584.4	583.0	579.0	579.0
52.5°	545.7	548.3	551.0	555.0	557.7	556.4	556.4	553.7	548.3	547.0	545.7
55°	509.7	513.7	519.0	523.0	527.0	528.3	528.3	523.0	517.7	511.0	511.0
57.5°	476.3	480.3	489.6	493.6	499.0	499.0	496.3	492.3	484.3	479.0	475.0
60°	442.9	449.6	456.3	464.3	471.0	472.3	468.3	463.0	453.6	446.9	441.6
62.5°	406.9	413.6	426.9	434.9	440.3	440.3	440.3	433.6	421.6	412.3	404.3
65°	372.2	378.9	390.9	401.6	405.6	409.6	405.6	398.9	389.6	378.9	370.9
67.5°	336.2	344.2	356.2	364.2	369.6	373.6	370.9	365.6	353.6	338.9	333.5
70°	296.2	300.2	317.5	325.5	333.5	336.2	333.5	325.5	313.5	297.5	292.2
72.5°	258.8	262.8	278.8	285.5	292.2	294.9	290.9	285.5	274.8	260.2	253.5
75°	216.1	222.8	230.8	241.5	249.5	252.2	248.2	244.2	230.8	221.5	216.1
77.5°	170.8	177.4	188.1	197.5	205.5	204.1	198.8	200.1	185.5	174.8	170.8
80°	129.4	134.8	142.8	150.8	154.8	154.8	153.4	148.1	142.8	134.8	128.1
82.5°	89.4	96.1	102.7	108.1	108.1	109.4	106.7	105.4	100.1	93.4	92.1
85°	53.4	54.7	60.0	60.0	65.4	62.7	61.4	65.4	60.0	56.0	54.7
87.5°	24.0	22.7	24.0	24.0	22.7	25.3	25.3	24.0	25.3	24.0	24.0
90°	7.4	7.8	7.8	7.8	8.1	8.1	8.1	7.8	7.8	7.8	7.4
92.5°	37.6	34.3	28.6	27.6	26.9	26.2	26.9	27.6	28.6	34.3	37.6
95°	142.2	127.3	102.2	91.6	88.8	83.1	88.8	91.6	102.2	127.3	142.2
97.5°	256.7	235.5	214.3	195.9	186.3	182.1	186.3	195.9	214.3	235.5	256.7
100°	362.8	344.4	320.0	294.5	281.5	275.8	281.5	294.5	320.0	344.4	362.8
102.5°	452.6	441.6	415.1	398.9	384.4	380.5	384.4	398.9	415.1	441.6	452.6
105°	504.8	502.8	491.5	479.8	472.8	468.5	472.8	479.8	491.5	502.8	504.8
107.5°	519.4	527.2	530.4	528.6	525.1	521.6	525.1	528.6	530.4	527.2	519.4
110°	505.4	520.5	536.4	543.1	545.6	545.6	545.6	543.1	536.4	520.5	505.4

TEST NUMBER: P1027423

CATALOG NUMBER: S125DIP-B1090D375UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	476.3	494.7	519.8	532.5	539.6	542.8	539.6	532.5	519.8	494.7	476.3
115°	443.6	462.9	490.4	507.4	517.3	521.9	517.3	507.4	490.4	462.9	443.6
117.5°	413.9	432.1	460.0	477.7	487.6	490.4	487.6	477.7	460.0	432.1	413.9
120°	389.0	404.5	430.7	447.7	457.2	460.0	457.2	447.7	430.7	404.5	389.0
122.5°	369.0	383.3	405.9	421.1	430.7	433.2	430.7	421.1	405.9	383.3	369.0
125°	352.9	365.6	385.4	399.9	407.7	411.2	407.7	399.9	385.4	365.6	352.9
127.5°	339.1	351.1	369.2	382.2	389.7	391.1	389.7	382.2	369.2	351.1	339.1
130°	325.1	336.6	354.3	366.0	373.0	375.2	373.0	366.0	354.3	336.6	325.1
132.5°	310.1	321.1	338.7	350.4	356.8	359.3	356.8	350.4	338.7	321.1	310.1
135°	295.8	305.9	321.4	333.1	339.5	341.6	339.5	333.1	321.4	305.9	295.8
137.5°	280.8	289.6	303.7	314.7	320.7	323.2	320.7	314.7	303.7	289.6	280.8
140°	267.0	274.4	287.5	296.7	302.0	303.7	302.0	296.7	287.5	274.4	267.0
142.5°	255.1	261.3	271.9	279.3	284.3	285.7	284.3	279.3	271.9	261.3	255.1
145°	244.8	249.6	258.1	264.1	268.0	269.4	268.0	264.1	258.1	249.6	244.8
147.5°	236.0	239.7	246.8	251.8	254.2	254.9	254.2	251.8	246.8	239.7	236.0
150°	228.8	232.0	237.3	241.5	242.9	243.3	242.9	241.5	237.3	232.0	228.8
152.5°	222.6	224.9	229.1	232.3	233.7	234.1	233.7	232.3	229.1	224.9	222.6
155°	216.6	218.5	222.1	224.5	225.6	225.9	225.6	224.5	222.1	218.5	216.6
157.5°	210.9	212.5	215.3	217.5	218.5	218.5	218.5	217.5	215.3	212.5	210.9
160°	205.2	206.5	209.0	210.7	211.5	211.1	211.5	210.7	209.0	206.5	205.2
162.5°	200.1	201.2	203.0	204.4	204.4	204.4	204.4	204.4	203.0	201.2	200.1
165°	195.0	195.9	197.3	198.0	198.0	198.0	198.0	198.0	197.3	195.9	195.0
167.5°	190.2	190.9	191.6	192.4	192.0	192.0	192.0	192.4	191.6	190.9	190.2
170°	185.6	186.0	186.7	187.1	187.1	186.7	187.1	187.1	186.7	186.0	185.6
172.5°	181.9	182.1	182.1	182.8	182.1	181.7	182.1	182.8	182.1	182.1	181.9
175°	178.6	178.6	178.6	178.9	178.2	177.9	178.2	178.9	178.6	178.6	178.6
177.5°	176.4	176.4	176.1	176.4	175.4	175.4	175.4	176.4	176.1	176.4	176.4
180°	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4

TEST NUMBER: P1027423

CATALOG NUMBER: S125DIP-B1090D375UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7	1571.7
2.5°	1492.9	1484.9	1494.3	1482.3	1484.9	1499.6	1498.3	1511.6	1519.6	1518.3	1525.0
5°	1394.2	1394.2	1398.2	1396.9	1410.2	1422.2	1438.2	1451.6	1466.3	1474.3	1483.6
7.5°	1296.8	1310.2	1312.8	1319.5	1335.5	1355.5	1371.5	1391.5	1412.9	1427.6	1438.2
10°	1216.8	1227.4	1238.1	1243.5	1260.8	1287.5	1310.2	1342.2	1368.9	1384.9	1399.6
12.5°	1146.1	1158.1	1163.4	1187.4	1199.4	1216.8	1248.8	1283.5	1312.8	1330.2	1342.2
15°	1095.4	1102.0	1114.0	1128.7	1140.7	1162.1	1188.8	1227.4	1255.5	1270.1	1311.5
17.5°	1052.7	1060.7	1067.3	1074.0	1092.7	1115.4	1140.7	1174.1	1210.1	1235.4	1256.8
20°	1008.6	1012.6	1020.6	1031.3	1044.7	1066.0	1088.7	1123.4	1155.4	1175.4	1203.4
22.5°	956.6	968.6	976.6	984.6	999.3	1023.3	1044.7	1070.0	1110.0	1132.7	1162.1
25°	925.9	931.3	936.6	945.9	956.6	978.0	1002.0	1028.7	1060.7	1084.7	1110.0
27.5°	885.9	893.9	900.6	912.6	919.2	936.6	959.3	986.0	1024.6	1044.7	1066.0
30°	852.5	860.5	865.9	871.2	880.6	899.2	920.6	941.9	978.0	1003.3	1024.6
32.5°	819.2	827.2	833.9	837.9	847.2	859.2	876.6	903.2	933.9	951.3	979.3
35°	789.8	789.8	797.8	803.2	811.2	821.9	837.9	857.9	889.9	912.6	937.9
37.5°	756.5	757.8	764.5	768.5	776.5	787.2	803.2	821.9	848.5	865.9	891.2
40°	721.8	725.8	728.5	735.1	744.5	748.5	764.5	785.8	812.5	828.5	849.9
42.5°	687.1	689.8	696.4	701.8	709.8	716.5	727.1	747.1	767.2	791.2	808.5
45°	648.4	655.1	659.1	668.4	672.4	679.1	689.8	705.8	729.8	744.5	764.5
47.5°	615.1	617.7	620.4	632.4	640.4	644.4	655.1	664.4	689.8	703.1	721.8
50°	579.0	579.0	583.0	588.4	597.7	605.7	615.1	625.7	645.7	659.1	677.8
52.5°	545.7	541.7	544.3	547.0	556.4	564.4	573.7	588.4	607.1	615.1	631.1
55°	509.7	503.0	507.0	511.0	513.7	524.3	535.0	544.3	559.0	571.0	585.7
57.5°	471.0	469.6	467.0	468.3	475.0	481.6	489.6	501.7	519.0	528.3	536.3
60°	436.3	428.3	425.6	428.3	432.3	436.3	446.9	457.6	472.3	481.6	491.0
62.5°	400.3	392.2	386.9	382.9	386.9	396.3	402.9	410.9	422.9	433.6	441.6
65°	365.6	353.6	348.2	345.6	344.2	350.9	356.2	366.9	377.6	381.6	390.9
67.5°	326.9	316.2	309.5	305.5	305.5	305.5	310.9	321.5	332.2	333.5	342.9
70°	288.2	276.2	269.5	264.2	261.5	264.2	270.8	272.2	281.5	284.2	289.5
72.5°	246.8	236.1	228.1	221.5	222.8	225.5	225.5	228.1	233.5	240.2	240.2
75°	208.1	193.5	189.5	184.1	181.4	181.4	181.4	186.8	190.8	196.1	194.8
77.5°	164.1	156.1	148.1	145.4	141.4	140.1	142.8	142.8	145.4	149.4	150.8
80°	126.7	117.4	112.1	109.4	104.1	102.7	104.1	104.1	108.1	106.7	108.1
82.5°	88.1	81.4	77.4	73.4	70.7	72.0	70.7	70.7	72.0	70.7	70.7
85°	50.7	49.4	46.7	45.4	44.0	41.4	44.0	42.7	41.4	40.0	42.7
87.5°	24.0	22.7	22.7	20.0	20.0	18.7	20.0	20.0	18.7	18.7	18.7
90°	7.1	6.7	6.4	6.0	5.7	5.0	4.6	3.9	3.5	3.2	2.8
92.5°	41.0	55.2	76.7	113.9	141.1	143.6	99.7	59.4	35.4	29.0	22.6
95°	157.0	200.5	254.2	306.6	313.3	255.6	158.1	80.3	42.4	34.4	26.5
97.5°	277.9	321.8	364.6	382.9	338.4	234.4	129.1	69.3	43.1	37.3	31.5
100°	381.2	417.6	434.9	407.7	319.3	203.7	114.6	68.6	48.1	42.8	37.5
102.5°	463.6	476.3	458.6	392.8	285.7	180.3	108.6	71.8	54.1	49.0	43.8
105°	506.7	491.1	442.7	357.8	256.4	166.9	107.8	76.4	60.8	55.8	50.9
107.5°	511.7	474.2	410.2	324.6	234.4	159.8	110.3	82.7	67.5	63.1	58.7
110°	490.4	440.6	373.4	297.0	219.9	157.0	114.2	89.8	75.3	70.7	66.1

TEST NUMBER: P1027423

CATALOG NUMBER: S125DIP-B1090D375UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	457.9	407.3	344.4	276.5	211.5	157.0	119.2	96.5	82.7	78.3	73.9
115°	424.3	375.9	321.1	262.7	205.8	158.1	124.1	103.6	90.5	86.1	81.7
117.5°	395.7	353.2	304.8	253.5	202.6	159.8	129.8	110.7	98.3	94.0	89.8
120°	373.4	334.5	292.1	246.1	200.5	162.7	135.4	118.5	106.1	101.6	97.2
122.5°	354.7	321.1	282.5	239.7	198.7	165.1	141.8	125.9	113.5	109.1	104.7
125°	340.2	309.4	273.3	234.1	197.3	168.0	147.4	132.2	120.6	116.0	111.4
127.5°	327.1	298.1	263.8	228.8	196.6	171.1	152.8	138.6	127.3	122.7	118.1
130°	313.6	286.1	254.9	223.5	195.9	174.0	158.1	144.6	133.7	129.1	124.5
132.5°	299.1	274.7	246.1	219.2	195.9	177.2	162.7	150.3	139.3	134.7	130.1
135°	285.7	263.1	238.7	216.0	195.9	180.0	166.9	155.2	144.3	139.5	134.7
137.5°	271.9	252.5	232.0	212.9	196.2	182.8	170.1	158.8	148.9	144.0	139.0
140°	259.5	243.3	226.7	210.7	196.6	184.6	173.3	162.7	152.4	147.6	142.9
142.5°	248.9	235.5	222.1	209.0	197.0	185.6	175.0	165.1	155.6	151.1	146.7
145°	240.1	229.1	218.2	207.2	196.6	186.3	176.8	168.0	158.8	154.7	150.6
147.5°	232.3	223.5	214.3	205.4	195.9	186.7	177.9	169.7	161.6	157.9	154.2
150°	225.6	218.9	211.1	203.3	194.8	186.7	178.9	171.5	163.7	160.7	157.7
152.5°	220.3	214.3	207.6	200.8	193.4	186.3	179.6	173.3	166.2	163.6	160.9
155°	214.6	209.7	204.0	198.0	191.6	185.6	180.0	174.3	168.3	165.9	163.4
157.5°	209.3	205.4	200.5	195.5	189.9	184.9	180.3	175.4	170.1	168.1	166.2
160°	204.0	200.5	197.0	192.4	188.1	183.9	180.3	176.1	171.5	169.9	168.3
162.5°	199.1	196.2	193.1	189.5	186.0	182.8	180.0	176.8	172.9	171.6	170.4
165°	194.1	192.0	189.5	186.7	183.9	181.7	179.6	176.8	174.0	172.9	171.8
167.5°	189.5	187.8	186.0	183.9	181.7	180.0	178.9	176.8	174.3	173.6	172.9
170°	185.3	184.2	183.2	181.4	180.0	178.9	178.2	176.8	175.0	174.5	174.0
172.5°	181.7	181.0	180.0	178.9	177.9	177.5	177.5	176.4	175.0	174.8	174.7
175°	178.6	177.9	177.9	176.8	176.4	176.4	176.8	176.1	175.0	175.0	175.0
177.5°	176.4	176.4	176.1	175.7	175.4	175.4	176.1	175.7	175.0	175.0	175.0
180°	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4	175.4

TEST NUMBER: P1027423

CATALOG NUMBER: S125DIP-B1090D375UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1571.7	1571.7	1571.7	1571.7
2.5°	1534.3	1547.6	1557.0	1574.3
5°	1499.6	1523.6	1546.3	1570.3
7.5°	1464.9	1492.9	1529.0	1559.7
10°	1426.2	1462.3	1505.0	1546.3
12.5°	1387.5	1430.2	1476.9	1531.6
15°	1340.8	1395.5	1450.3	1509.0
17.5°	1299.5	1355.5	1414.2	1487.6
20°	1252.8	1314.2	1378.2	1452.9
22.5°	1211.4	1279.5	1346.2	1424.9
25°	1164.7	1231.4	1304.8	1388.9
27.5°	1126.0	1187.4	1259.5	1350.2
30°	1079.3	1146.1	1218.1	1308.8
32.5°	1035.3	1099.4	1175.4	1264.8
35°	990.0	1055.3	1123.4	1208.8
37.5°	947.3	1003.3	1071.3	1152.7
40°	899.2	960.6	1022.0	1086.0
42.5°	855.2	911.2	968.6	1019.3
45°	805.8	853.9	908.6	949.9
47.5°	760.5	803.2	845.9	877.9
50°	715.1	748.5	780.5	808.5
52.5°	661.8	699.1	716.5	733.8
55°	613.7	635.1	651.1	668.4
57.5°	567.0	576.4	584.4	600.4
60°	505.7	516.3	525.7	537.7
62.5°	452.3	457.6	460.3	472.3
65°	401.6	400.3	406.9	413.6
67.5°	346.9	345.6	352.2	354.9
70°	293.5	292.2	293.5	300.2
72.5°	242.8	242.8	244.2	246.8
75°	196.1	196.1	197.5	200.1
77.5°	148.1	150.8	149.4	154.8
80°	108.1	105.4	108.1	110.7
82.5°	70.7	73.4	73.4	70.7
85°	40.0	40.0	40.0	40.0
87.5°	17.3	17.3	18.7	20.0
90°	2.1	1.4	0.7	0.4
92.5°	15.2	9.9	6.4	5.3
95°	18.7	14.9	12.0	11.7
97.5°	24.4	20.5	18.4	18.0
100°	30.8	26.9	25.5	24.8
102.5°	37.8	33.6	32.5	32.2
105°	45.3	41.7	40.0	40.0
107.5°	52.7	49.9	48.1	47.4
110°	60.8	57.6	56.2	55.5

TEST NUMBER: P1027423

CATALOG NUMBER: S125DIP-B1090D375UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	68.6	65.4	64.4	63.6
115°	76.4	73.2	72.1	71.4
117.5°	83.8	80.6	79.6	78.5
120°	91.2	88.0	86.6	85.6
122.5°	97.9	94.8	93.7	93.0
125°	104.7	101.5	99.7	99.0
127.5°	111.0	107.1	105.0	104.0
130°	117.0	112.4	109.6	108.6
132.5°	122.3	117.0	113.5	112.1
135°	127.3	121.6	117.4	116.0
137.5°	131.5	125.9	122.0	120.9
140°	136.1	130.5	126.2	125.2
142.5°	140.4	134.7	130.8	130.1
145°	144.3	139.3	135.8	135.1
147.5°	148.5	143.9	140.7	140.4
150°	152.8	148.2	145.7	145.0
152.5°	156.3	152.4	150.3	149.9
155°	159.8	156.3	154.2	154.2
157.5°	163.0	159.8	158.1	158.1
160°	165.5	163.0	161.6	161.9
162.5°	168.3	166.2	164.8	165.1
165°	170.4	168.7	167.6	168.3
167.5°	171.8	170.8	170.1	170.4
170°	173.3	172.6	172.2	172.6
172.5°	174.3	173.6	173.3	174.0
175°	175.0	174.7	174.3	175.0
177.5°	175.4	175.0	175.0	175.7
180°	175.4	175.4	175.4	175.4

(END OF REPORT)