

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: P1027441

Luminaire Tested: S125DIP-B1090D610UB27-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027441
REPORT IS A COMBINATION OF REPORTS P1001401 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B1090D610UB27-4F0-XX-W2A-A4
Description: Define 5 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

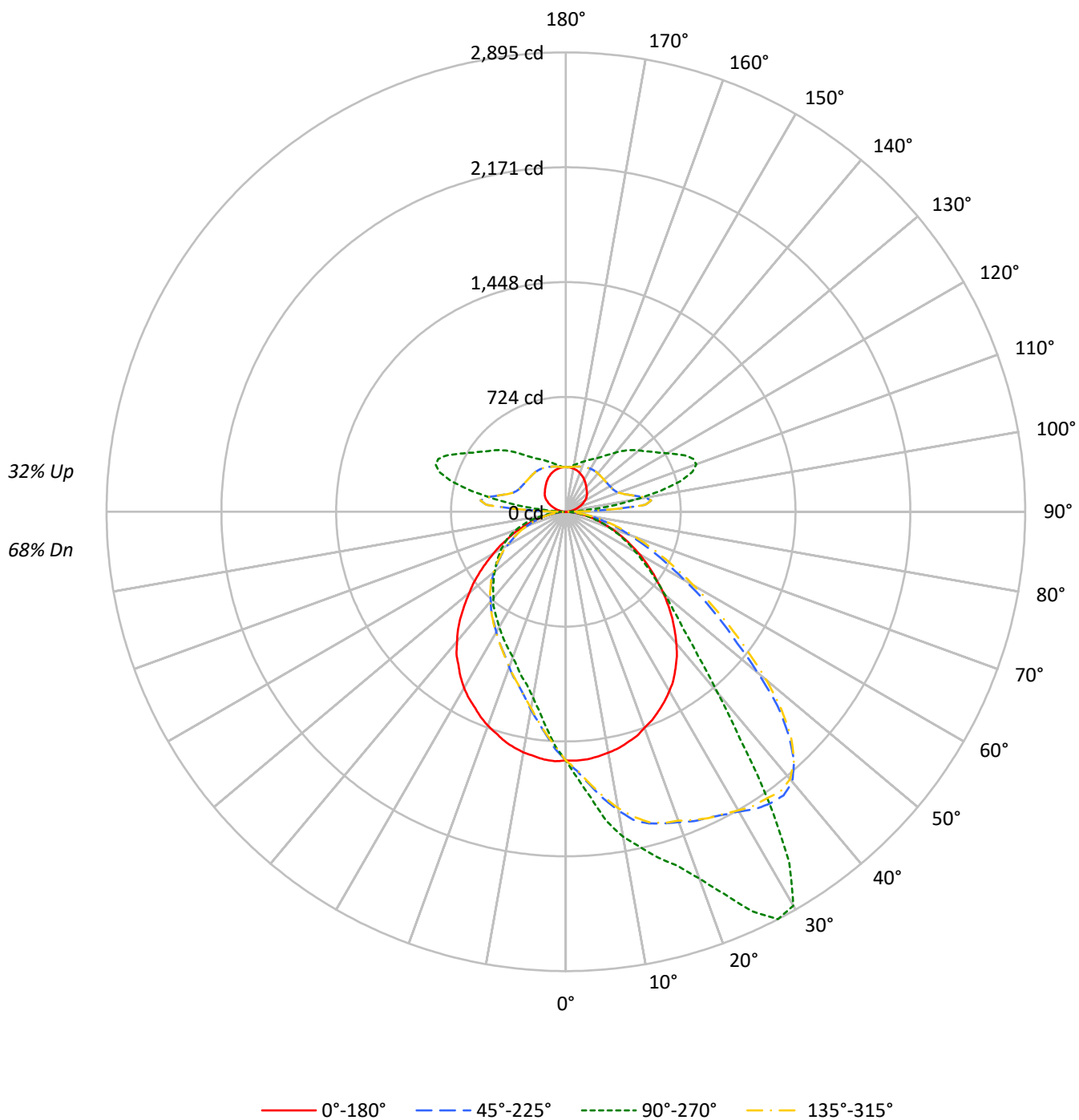
Lumens per Lamp: N/A
Luminaire Lumens: 6534.0 lumens
Efficiency: N/A
Efficacy: 105.0 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

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				10
RW	70	50	30	10	70	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
1	102	98	94	90	96	92	89	86	82	80	77	73	71	69	65	63	62
2	93	86	80	74	88	81	76	71	72	68	65	65	61	58	57	55	52
3	85	76	68	62	80	72	65	60	64	59	55	57	53	50	51	48	45
4	78	67	59	53	73	64	56	51	57	51	47	51	47	43	46	42	39
5	72	60	52	46	68	57	50	44	51	45	41	46	41	37	41	37	34
6	66	54	46	40	62	51	44	38	46	40	36	42	37	33	37	33	30
7	61	49	41	35	58	47	39	34	42	36	31	38	33	29	34	30	27
8	57	44	37	31	54	42	35	30	38	32	28	35	30	26	31	27	24
9	53	41	33	28	50	39	32	27	35	29	25	32	27	23	29	25	22
10	50	37	30	25	47	36	29	24	33	27	23	30	25	21	27	23	20

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10041	10041	10041	10041
5°	10048	11390	10057	8641
10°	9987	12982	9969	7417
15°	9913	14076	9852	6702
20°	9789	15425	9699	6118
25°	9677	17674	9500	5773
30°	9517	18646	9353	5460
35°	9264	14946	9070	5208
40°	8870	10331	8740	4943
45°	8372	7691	8279	4722
50°	7802	6332	7674	4545
55°	7188	5400	7130	4391
60°	6585	4623	6470	4272
65°	5934	3991	5838	4099
70°	5246	3315	5176	3796
75°	4517	2563	4458	3295
80°	3568	1733	3438	2422
85°	2281	867	2207	1235

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 15336 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	150.8	2.3
10°-20°	449.2	6.9
20°-30°	729.7	11.2
30°-40°	891.8	13.6
40°-50°	809.0	12.4
50°-60°	644.3	9.9
60°-70°	448.8	6.9
70°-80°	239.1	3.7
80°-90°	60.4	0.9
90°-100°	204.4	3.1
100°-110°	440.8	6.7
110°-120°	411.0	6.3
120°-130°	332.9	5.1
130°-140°	267.3	4.1
140°-150°	201.6	3.1
150°-160°	142.0	2.2
160°-170°	83.7	1.3
170°-180°	27.2	0.4
0°-30°	1329.8	20.4
0°-40°	2221.6	34.0
0°-60°	3674.9	56.2
0°-90°	4423.1	67.7
90°-120°	1056.3	16.2
90°-150°	1858.0	28.4
90°-180°	2111.0	32.3
0°-180°	6534.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1567	1567	1567	1567	1567	
5°	1566	1808	1567	1372	1566	149
15°	1504	2258	1495	1075	1504	425
25°	1385	2778	1360	907	1385	638
35°	1205	2230	1180	777	1205	753
45°	947	1051	936	645	947	730
55°	666	648	661	527	666	596
65°	412	398	406	408	412	409
75°	200	196	197	251	200	212
85°	40	44	39	62	40	48
90°	1	13	1	13	1	4
95°	19	133	19	133	19	19
105°	64	751	64	751	64	67
115°	114	836	114	836	114	113
125°	159	659	159	659	159	141
135°	186	547	186	547	186	144
145°	216	432	216	432	216	136
155°	247	362	247	362	247	114
165°	270	317	270	317	270	76
175°	280	285	280	285	280	27
180°	281	281	281	281	281	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1
2.5°	1569.7	1579.0	1589.7	1597.7	1611.0	1614.9	1621.6	1625.6	1629.6	1633.6	1636.2
5°	1565.7	1588.3	1608.3	1622.9	1648.2	1657.5	1669.5	1684.1	1701.4	1716.0	1725.4
7.5°	1555.1	1591.0	1617.6	1646.9	1681.5	1704.1	1716.0	1746.6	1774.6	1795.9	1823.8
10°	1541.8	1584.3	1625.6	1669.5	1718.7	1744.0	1767.9	1810.5	1849.1	1883.7	1911.6
12.5°	1527.1	1579.0	1628.2	1685.4	1752.0	1782.6	1798.5	1871.7	1919.6	1938.2	1992.7
15°	1504.5	1565.7	1636.2	1706.7	1762.6	1798.5	1842.4	1901.0	1948.8	1990.1	2034.0
17.5°	1483.2	1549.8	1621.6	1700.1	1781.2	1827.8	1861.0	1912.9	1964.8	2018.0	2059.3
20°	1448.7	1535.1	1608.3	1692.1	1787.9	1821.1	1855.7	1916.9	1972.8	2030.0	2081.9
22.5°	1420.7	1503.2	1603.0	1682.8	1763.9	1797.2	1839.8	1903.6	1970.1	2035.3	2111.1
25°	1384.8	1476.6	1563.1	1648.2	1732.0	1767.9	1806.5	1889.0	1958.2	2042.0	2125.8
27.5°	1346.2	1440.7	1527.1	1604.3	1682.8	1732.0	1773.2	1859.7	1951.5	2043.3	2152.4
30°	1305.0	1394.1	1476.6	1552.4	1638.9	1689.4	1730.7	1831.8	1934.2	2051.3	2181.6
32.5°	1261.1	1344.9	1415.4	1492.6	1584.3	1630.9	1686.8	1797.2	1918.2	2057.9	2221.5
35°	1205.2	1285.0	1347.6	1426.0	1517.8	1577.7	1636.2	1759.9	1901.0	2056.6	2244.2
37.5°	1149.4	1211.9	1271.7	1355.5	1462.0	1516.5	1577.7	1713.4	1874.3	2052.6	2253.5
40°	1082.8	1144.0	1195.9	1281.0	1392.8	1455.3	1519.2	1661.5	1843.7	2038.0	2220.2
42.5°	1016.3	1068.2	1125.4	1214.5	1322.3	1388.8	1456.6	1614.9	1803.8	1995.4	2128.4
45°	947.1	987.1	1049.6	1130.7	1245.1	1309.0	1386.1	1557.7	1748.0	1918.2	1984.8
47.5°	875.3	915.2	973.8	1052.2	1165.3	1241.1	1314.3	1485.9	1677.5	1809.2	1809.2
50°	806.1	838.1	895.3	973.8	1088.2	1157.3	1231.8	1414.1	1568.4	1665.5	1579.0
52.5°	731.6	767.6	815.5	897.9	1011.0	1073.5	1154.7	1310.3	1456.6	1496.6	1363.5
55°	666.5	695.7	741.0	819.4	924.5	989.7	1058.9	1207.9	1331.6	1328.9	1186.6
57.5°	598.6	622.6	670.5	742.3	839.4	897.9	967.1	1096.1	1197.2	1161.3	1027.0
60°	536.1	553.4	600.0	658.5	751.6	806.1	872.7	977.7	1054.9	1004.4	868.7
62.5°	470.9	490.9	528.1	585.3	667.8	711.7	760.9	867.3	916.6	871.3	733.0
65°	412.4	428.3	461.6	509.5	584.0	623.9	666.5	754.3	800.8	735.6	621.2
67.5°	353.9	372.5	396.4	439.0	497.5	534.8	572.0	647.8	669.1	610.6	514.8
70°	299.3	315.3	337.9	368.5	417.7	451.0	478.9	541.4	556.1	501.5	425.7
72.5°	246.1	256.7	275.4	300.6	345.9	364.5	393.8	436.3	455.0	405.7	351.2
75°	199.5	207.5	219.5	238.1	268.7	288.7	312.6	352.5	351.2	316.6	278.0
77.5°	154.3	155.6	168.9	186.2	204.9	222.2	234.1	262.1	264.7	243.4	211.5
80°	110.4	114.4	119.7	133.0	149.0	155.6	170.3	187.6	190.2	174.3	153.0
82.5°	70.5	73.2	77.2	85.1	95.8	103.8	111.7	118.4	125.0	115.7	98.4
85°	39.9	41.2	45.2	47.9	53.2	57.2	63.9	70.5	69.2	62.5	57.2
87.5°	20.0	20.0	20.0	22.6	25.3	25.3	27.9	29.3	30.6	27.9	25.3
90°	0.6	1.1	2.3	3.4	4.5	5.1	5.7	6.2	7.4	7.9	9.1
92.5°	8.5	10.2	15.9	24.4	36.3	46.5	56.7	95.2	159.8	230.0	226.1
95°	18.7	19.3	23.8	30.0	42.5	55.2	68.0	128.6	253.3	409.7	502.0
97.5°	28.9	29.5	32.9	39.1	50.4	59.8	69.1	111.1	206.8	375.7	542.2
100°	39.7	40.8	43.1	49.3	60.1	68.6	77.1	109.9	183.6	326.4	511.7
102.5°	51.6	52.1	53.8	60.6	70.3	78.5	86.7	115.0	173.9	289.0	457.8
105°	64.0	64.0	66.9	72.5	81.6	89.6	97.5	122.4	172.8	267.4	410.8
107.5°	75.9	77.1	79.9	84.4	94.1	101.2	108.2	132.6	176.8	256.1	375.7
110°	89.0	90.1	92.4	97.5	106.0	113.4	120.7	143.9	183.0	251.6	352.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	102.0	103.1	104.8	109.9	118.4	125.5	132.6	154.7	190.9	251.6	338.8
115°	114.5	115.6	117.3	122.4	130.9	138.0	145.1	166.0	198.9	253.3	329.8
117.5°	125.8	127.5	129.2	134.3	143.9	150.7	157.5	177.3	207.9	256.1	324.7
120°	137.1	138.8	141.1	146.2	155.8	162.9	170.0	189.8	217.0	260.6	321.3
122.5°	149.0	150.2	151.9	157.0	167.7	174.8	181.9	201.7	227.2	264.6	318.4
125°	158.7	159.8	162.6	167.7	178.5	185.8	193.2	211.9	236.3	269.1	316.2
127.5°	166.6	168.3	171.7	177.9	189.2	196.6	204.0	222.1	244.8	274.2	315.0
130°	173.9	175.6	180.2	187.5	199.4	206.8	214.2	231.7	253.3	278.8	313.9
132.5°	179.6	181.9	187.5	196.0	208.5	215.8	223.2	240.8	260.6	283.9	313.9
135°	185.8	188.1	194.9	204.0	215.9	223.6	231.2	248.7	267.4	288.4	313.9
137.5°	193.8	195.5	201.7	210.8	222.7	230.6	238.5	254.4	272.5	292.9	314.5
140°	200.6	202.3	209.1	218.1	228.9	236.6	244.2	260.6	277.6	295.8	315.0
142.5°	208.5	209.6	215.9	224.9	235.1	242.2	249.3	264.6	280.5	297.5	315.6
145°	216.4	217.6	223.2	231.2	241.4	247.9	254.4	269.1	283.3	298.6	315.0
147.5°	224.9	225.5	230.6	238.0	247.0	253.0	258.9	272.0	285.0	299.2	313.9
150°	232.3	233.4	237.4	244.8	252.7	257.5	262.3	274.8	286.7	299.2	312.2
152.5°	240.2	240.8	244.2	250.4	257.8	262.0	266.3	277.6	287.8	298.6	309.9
155°	247.0	247.0	250.4	256.1	261.8	265.8	269.7	279.3	288.4	297.5	307.1
157.5°	253.3	253.3	256.1	261.2	266.3	269.4	272.5	281.0	289.0	296.3	304.3
160°	259.5	258.9	261.2	265.2	269.7	272.2	274.8	282.2	289.0	294.6	301.4
162.5°	264.6	264.0	266.3	269.7	273.1	275.1	277.1	283.3	288.4	292.9	298.0
165°	269.7	268.6	270.3	273.1	275.4	277.1	278.8	283.3	287.8	291.2	294.6
167.5°	273.1	272.5	273.7	275.4	277.1	278.2	279.3	283.3	286.7	288.4	291.2
170°	276.5	275.9	276.5	277.6	278.8	279.6	280.5	283.3	285.6	286.7	288.4
172.5°	278.8	277.6	278.2	279.3	279.9	280.2	280.5	282.7	284.4	284.4	285.0
175°	280.5	279.3	279.9	280.5	280.5	280.5	280.5	282.2	283.3	282.7	282.7
177.5°	281.6	280.5	280.5	281.0	280.5	280.5	280.5	281.6	282.2	281.0	281.0
180°	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1
2.5°	1638.9	1648.2	1656.2	1662.8	1668.2	1676.1	1670.8	1672.1	1674.8	1680.1	1680.1
5°	1745.3	1759.9	1767.9	1794.5	1801.2	1799.9	1795.9	1817.1	1815.8	1807.8	1806.5
7.5°	1849.1	1874.3	1897.0	1918.2	1924.9	1942.2	1946.2	1955.5	1952.8	1966.1	1959.5
10°	1943.5	1983.4	2004.7	2036.6	2044.6	2052.6	2063.2	2068.6	2080.5	2079.2	2079.2
12.5°	2016.7	2064.6	2092.5	2100.5	2131.1	2140.4	2149.7	2167.0	2163.0	2164.3	2172.3
15°	2073.9	2120.4	2144.4	2181.6	2202.9	2213.6	2229.5	2248.2	2245.5	2257.5	2254.8
17.5°	2116.5	2160.4	2204.3	2260.1	2261.5	2289.4	2326.6	2334.6	2351.9	2339.9	2339.9
20°	2151.0	2209.6	2272.1	2343.9	2351.9	2369.2	2414.4	2445.0	2465.0	2458.3	2462.3
22.5°	2188.3	2272.1	2345.3	2417.1	2455.7	2486.3	2530.2	2578.1	2595.4	2606.0	2603.3
25°	2236.2	2324.0	2431.7	2531.5	2571.4	2629.9	2688.5	2735.0	2748.3	2777.6	2751.0
27.5°	2285.4	2409.1	2543.5	2660.5	2711.1	2759.0	2829.5	2864.1	2881.4	2894.7	2885.3
30°	2326.6	2496.9	2643.2	2751.0	2786.9	2814.8	2854.8	2862.7	2856.1	2866.7	2880.0
32.5°	2390.5	2556.8	2680.5	2732.4	2728.4	2727.0	2696.5	2653.9	2644.6	2619.3	2653.9
35°	2425.1	2558.1	2606.0	2536.8	2508.9	2458.3	2361.2	2297.4	2241.5	2229.5	2232.2
37.5°	2405.1	2457.0	2399.8	2217.6	2172.3	2095.2	1966.1	1875.7	1834.4	1802.5	1843.7
40°	2297.4	2240.2	2083.2	1861.0	1795.9	1722.7	1601.6	1552.4	1493.9	1481.9	1536.5
42.5°	2119.1	1944.8	1722.7	1551.1	1483.2	1442.0	1340.9	1294.3	1253.1	1234.5	1265.1
45°	1877.0	1665.5	1442.0	1301.0	1243.8	1194.6	1134.7	1085.5	1058.9	1050.9	1076.2
47.5°	1626.9	1403.4	1225.2	1120.1	1060.2	1023.0	967.1	939.2	917.9	920.5	924.5
50°	1387.5	1183.9	1046.9	941.8	912.6	883.3	846.0	822.1	811.5	815.5	812.8
52.5°	1181.3	1016.3	900.6	819.4	806.1	778.2	747.6	727.7	723.7	725.0	729.0
55°	1000.4	871.3	779.5	721.0	706.4	686.4	667.8	654.5	643.8	647.8	646.5
57.5°	863.3	750.3	679.8	631.9	621.2	609.3	592.0	585.3	581.3	573.3	580.0
60°	742.3	650.5	589.3	560.0	550.7	542.7	524.1	516.1	513.5	509.5	520.1
62.5°	627.9	562.7	516.1	489.5	480.2	472.2	462.9	456.3	457.6	452.3	457.6
65°	537.4	484.2	451.0	427.0	415.0	409.7	408.4	397.7	396.4	397.7	399.1
67.5°	453.6	408.4	383.1	368.5	359.2	353.9	349.9	343.2	348.5	344.5	347.2
70°	377.8	347.2	320.6	306.0	302.0	303.3	296.6	294.0	295.3	292.7	295.3
72.5°	304.6	279.4	268.7	258.1	252.8	251.4	247.4	243.4	247.4	246.1	246.1
75°	243.4	224.8	212.8	206.2	206.2	203.5	196.9	196.9	196.9	195.5	196.9
77.5°	187.6	171.6	166.3	159.6	159.6	155.6	154.3	154.3	151.7	155.6	153.0
80°	139.7	127.7	119.7	115.7	115.7	114.4	111.7	110.4	111.7	110.4	110.4
82.5°	90.5	85.1	81.1	77.2	75.8	77.2	75.8	73.2	74.5	73.2	75.8
85°	51.9	46.6	46.6	43.9	45.2	42.6	43.9	41.2	39.9	43.9	41.2
87.5°	22.6	21.3	21.3	18.6	18.6	18.6	17.3	18.6	17.3	16.0	17.3
90°	9.6	10.2	10.8	11.3	11.9	12.5	12.5	12.5	13.0	13.0	13.0
92.5°	182.4	123.0	88.4	65.7	60.4	55.0	45.9	44.2	43.1	41.9	43.1
95°	491.3	407.4	321.3	251.6	227.8	204.0	163.8	146.8	142.2	133.2	142.2
97.5°	613.6	584.2	515.6	445.4	411.4	377.4	343.4	313.9	298.6	291.8	298.6
100°	653.3	696.9	669.2	610.8	581.3	551.9	512.8	472.0	451.0	442.0	451.0
102.5°	629.5	734.9	763.2	742.8	725.2	707.7	665.2	639.1	615.9	609.7	615.9
105°	573.4	709.4	787.0	812.0	808.8	805.7	787.6	768.9	757.6	750.8	757.6
107.5°	520.1	657.3	759.8	819.9	832.4	844.8	849.9	847.1	841.4	835.8	841.4
110°	476.0	598.3	706.0	785.9	810.0	834.1	859.6	870.3	874.3	874.3	874.3

TEST NUMBER: P1027441

CATALOG NUMBER: S125DIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	443.1	551.9	652.7	733.8	763.2	792.7	832.9	853.3	864.6	869.7	864.6
115°	421.0	514.5	602.3	679.9	710.8	741.7	785.9	813.1	829.0	836.3	829.0
117.5°	406.3	488.4	566.0	634.0	663.2	692.4	737.2	765.5	781.4	785.9	781.4
120°	394.4	468.0	536.0	598.3	623.2	648.2	690.1	717.3	732.6	737.2	732.6
122.5°	384.2	452.7	514.5	568.3	591.2	614.2	650.5	674.8	690.1	694.1	690.1
125°	375.1	438.0	495.8	545.1	565.5	585.9	617.6	640.8	653.3	659.0	653.3
127.5°	366.6	422.7	477.7	524.1	543.4	562.6	591.5	612.5	624.4	626.7	624.4
130°	358.1	408.5	458.4	502.6	521.0	539.4	567.7	586.4	597.8	601.2	597.8
132.5°	351.3	394.4	440.3	479.4	497.0	514.5	542.8	561.5	571.7	575.7	571.7
135°	346.2	382.5	421.6	457.8	474.0	490.1	515.1	533.7	543.9	547.3	543.9
137.5°	341.1	371.7	404.6	435.7	449.9	464.1	486.7	504.3	513.9	517.9	513.9
140°	337.7	363.2	389.8	415.9	427.8	439.7	460.7	475.4	483.9	486.7	483.9
142.5°	334.9	355.8	377.4	398.9	408.8	418.7	435.7	447.6	455.6	457.8	455.6
145°	332.0	349.6	367.2	384.7	392.4	400.0	413.6	423.3	429.5	431.8	429.5
147.5°	329.2	343.4	358.1	372.3	378.2	384.2	395.5	403.4	407.4	408.5	407.4
150°	325.8	338.3	350.7	361.5	366.6	371.7	380.2	387.0	389.3	389.8	389.3
152.5°	321.8	332.6	343.4	353.0	356.7	360.4	367.2	372.3	374.5	375.1	374.5
155°	317.3	326.9	336.0	343.9	347.0	350.2	355.8	359.8	361.5	362.1	361.5
157.5°	313.3	321.3	329.2	335.4	338.0	340.5	345.1	348.5	350.2	350.2	350.2
160°	308.2	315.6	321.3	326.9	328.9	330.9	334.9	337.7	338.8	338.3	338.8
162.5°	303.7	309.4	314.5	319.0	320.7	322.4	325.2	327.5	327.5	327.5	327.5
165°	299.2	303.7	307.7	311.1	312.5	313.9	316.2	317.3	317.3	317.3	317.3
167.5°	294.6	298.0	300.9	303.7	304.8	306.0	307.1	308.2	307.7	307.7	307.7
170°	290.7	293.5	295.2	296.9	297.4	298.0	299.2	299.7	299.7	299.2	299.7
172.5°	286.7	288.4	290.1	291.2	291.5	291.8	291.8	292.9	291.8	291.2	291.8
175°	283.3	285.0	285.0	286.1	286.1	286.1	286.1	286.7	285.6	285.0	285.6
177.5°	281.6	282.2	282.7	282.7	282.7	282.7	282.2	282.7	281.0	281.0	281.0
180°	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0

TEST NUMBER: P1027441

CATALOG NUMBER: S125DIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1
2.5°	1677.5	1668.2	1670.8	1668.2	1661.5	1657.5	1646.9	1633.6	1628.2	1621.6	1617.6
5°	1811.8	1805.2	1803.8	1793.2	1790.5	1774.6	1748.0	1734.7	1718.7	1702.7	1686.8
7.5°	1958.2	1950.2	1923.6	1919.6	1922.2	1902.3	1867.7	1841.1	1807.8	1785.2	1754.6
10°	2079.2	2063.2	2040.6	2042.0	2032.6	2006.0	1971.5	1943.5	1895.6	1866.4	1822.5
12.5°	2152.4	2139.1	2136.4	2123.1	2115.1	2080.5	2039.3	2003.4	1967.5	1927.6	1894.3
15°	2241.5	2224.2	2212.2	2193.6	2188.3	2152.4	2107.1	2065.9	2024.7	1987.4	1916.9
17.5°	2339.9	2321.3	2276.1	2272.1	2240.2	2205.6	2161.7	2100.5	2056.6	2003.4	1951.5
20°	2451.7	2425.1	2366.5	2351.9	2326.6	2269.4	2209.6	2141.7	2071.2	2016.7	1955.5
22.5°	2576.7	2530.2	2487.6	2441.0	2422.4	2351.9	2269.4	2187.0	2101.8	2027.3	1954.2
25°	2739.0	2677.8	2618.0	2571.4	2539.5	2447.7	2337.3	2228.2	2129.8	2032.6	1936.9
27.5°	2866.7	2813.5	2748.3	2687.1	2645.9	2536.8	2410.4	2269.4	2147.1	2028.7	1926.2
30°	2876.0	2860.1	2820.2	2786.9	2741.7	2624.6	2484.9	2325.3	2173.7	2030.0	1904.9
32.5°	2701.8	2733.7	2751.0	2756.3	2747.0	2679.2	2551.5	2375.9	2197.6	2018.0	1886.3
35°	2326.6	2411.8	2516.9	2556.8	2595.4	2631.3	2564.8	2411.8	2205.6	2015.4	1857.1
37.5°	1915.6	1992.7	2167.0	2246.8	2292.0	2434.4	2488.9	2406.5	2221.5	2018.0	1829.1
40°	1545.8	1668.2	1793.2	1901.0	1971.5	2131.1	2300.0	2318.7	2198.9	1992.7	1793.2
42.5°	1301.0	1372.8	1467.3	1567.1	1629.6	1818.5	2047.3	2181.6	2128.4	1951.5	1749.3
45°	1108.1	1161.3	1250.5	1283.7	1363.5	1544.4	1786.5	1980.8	2007.4	1886.3	1698.8
47.5°	951.1	996.4	1053.6	1094.8	1158.7	1294.3	1499.2	1713.4	1841.1	1797.2	1628.2
50°	838.1	875.3	923.2	947.1	988.4	1110.8	1265.1	1477.9	1649.5	1664.2	1536.5
52.5°	743.6	764.9	802.2	828.8	862.0	936.5	1076.2	1251.8	1444.7	1524.5	1423.4
55°	661.1	678.4	711.7	729.0	746.3	810.1	919.2	1078.8	1259.8	1364.9	1307.7
57.5°	586.6	601.3	629.2	645.2	654.5	715.7	799.5	924.5	1086.8	1214.5	1182.6
60°	525.5	538.8	554.7	566.7	577.3	627.9	686.4	787.5	932.5	1056.2	1048.3
62.5°	460.3	472.2	489.5	501.5	510.8	542.7	592.0	669.1	792.8	907.2	929.9
65°	403.1	412.4	424.4	429.7	441.6	465.6	505.5	574.7	675.8	778.2	794.2
67.5°	351.2	353.9	361.8	373.8	376.5	397.7	433.7	485.5	564.0	647.8	673.1
70°	295.3	299.3	306.0	315.3	320.6	333.9	364.5	399.1	466.9	540.1	558.7
72.5°	246.1	251.4	254.1	259.4	262.1	283.3	296.6	331.2	377.8	439.0	458.9
75°	199.5	204.9	206.2	208.9	211.5	220.8	239.4	260.7	299.3	339.2	365.8
77.5°	158.3	157.0	159.6	163.6	162.3	170.3	182.2	200.9	226.1	259.4	276.7
80°	111.7	111.7	115.7	119.7	118.4	126.4	130.4	143.7	165.0	186.2	192.9
82.5°	74.5	74.5	78.5	78.5	81.1	82.5	87.8	94.4	111.7	122.4	126.4
85°	42.6	42.6	43.9	43.9	43.9	46.6	50.6	53.2	58.5	65.2	67.8
87.5°	17.3	18.6	18.6	18.6	18.6	21.3	21.3	23.9	25.3	27.9	27.9
90°	12.5	12.5	12.5	11.9	11.3	10.8	10.2	9.6	9.1	7.9	7.4
92.5°	44.2	45.9	55.0	60.4	65.7	88.4	123.0	182.4	226.1	230.0	159.8
95°	146.8	163.8	204.0	227.8	251.6	321.3	407.4	491.3	502.0	409.7	253.3
97.5°	313.9	343.4	377.4	411.4	445.4	515.6	584.2	613.6	542.2	375.7	206.8
100°	472.0	512.8	551.9	581.3	610.8	669.2	696.9	653.3	511.7	326.4	183.6
102.5°	639.1	665.2	707.7	725.2	742.8	763.2	734.9	629.5	457.8	289.0	173.9
105°	768.9	787.6	805.7	808.8	812.0	787.0	709.4	573.4	410.8	267.4	172.8
107.5°	847.1	849.9	844.8	832.4	819.9	759.8	657.3	520.1	375.7	256.1	176.8
110°	870.3	859.6	834.1	810.0	785.9	706.0	598.3	476.0	352.4	251.6	183.0

TEST NUMBER: P1027441

CATALOG NUMBER: S125DIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	853.3	832.9	792.7	763.2	733.8	652.7	551.9	443.1	338.8	251.6	190.9
115°	813.1	785.9	741.7	710.8	679.9	602.3	514.5	421.0	329.8	253.3	198.9
117.5°	765.5	737.2	692.4	663.2	634.0	566.0	488.4	406.3	324.7	256.1	207.9
120°	717.3	690.1	648.2	623.2	598.3	536.0	468.0	394.4	321.3	260.6	217.0
122.5°	674.8	650.5	614.2	591.2	568.3	514.5	452.7	384.2	318.4	264.6	227.2
125°	640.8	617.6	585.9	565.5	545.1	495.8	438.0	375.1	316.2	269.1	236.3
127.5°	612.5	591.5	562.6	543.4	524.1	477.7	422.7	366.6	315.0	274.2	244.8
130°	586.4	567.7	539.4	521.0	502.6	458.4	408.5	358.1	313.9	278.8	253.3
132.5°	561.5	542.8	514.5	497.0	479.4	440.3	394.4	351.3	313.9	283.9	260.6
135°	533.7	515.1	490.1	474.0	457.8	421.6	382.5	346.2	313.9	288.4	267.4
137.5°	504.3	486.7	464.1	449.9	435.7	404.6	371.7	341.1	314.5	292.9	272.5
140°	475.4	460.7	439.7	427.8	415.9	389.8	363.2	337.7	315.0	295.8	277.6
142.5°	447.6	435.7	418.7	408.8	398.9	377.4	355.8	334.9	315.6	297.5	280.5
145°	423.3	413.6	400.0	392.4	384.7	367.2	349.6	332.0	315.0	298.6	283.3
147.5°	403.4	395.5	384.2	378.2	372.3	358.1	343.4	329.2	313.9	299.2	285.0
150°	387.0	380.2	371.7	366.6	361.5	350.7	338.3	325.8	312.2	299.2	286.7
152.5°	372.3	367.2	360.4	356.7	353.0	343.4	332.6	321.8	309.9	298.6	287.8
155°	359.8	355.8	350.2	347.0	343.9	336.0	326.9	317.3	307.1	297.5	288.4
157.5°	348.5	345.1	340.5	338.0	335.4	329.2	321.3	313.3	304.3	296.3	289.0
160°	337.7	334.9	330.9	328.9	326.9	321.3	315.6	308.2	301.4	294.6	289.0
162.5°	327.5	325.2	322.4	320.7	319.0	314.5	309.4	303.7	298.0	292.9	288.4
165°	317.3	316.2	313.9	312.5	311.1	307.7	303.7	299.2	294.6	291.2	287.8
167.5°	308.2	307.1	306.0	304.8	303.7	300.9	298.0	294.6	291.2	288.4	286.7
170°	299.7	299.2	298.0	297.4	296.9	295.2	293.5	290.7	288.4	286.7	285.6
172.5°	292.9	291.8	291.8	291.5	291.2	290.1	288.4	286.7	285.0	284.4	284.4
175°	286.7	286.1	286.1	286.1	286.1	285.0	285.0	283.3	282.7	282.7	283.3
177.5°	282.7	282.2	282.7	282.7	282.7	282.7	282.2	281.6	281.0	281.0	282.2
180°	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0

TEST NUMBER: P1027441

CATALOG NUMBER: S125DIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1
2.5°	1612.3	1605.6	1597.7	1597.7	1588.3	1584.3	1576.4	1573.7	1567.1	1556.4	1548.4
5°	1669.5	1652.2	1641.5	1632.2	1612.3	1597.7	1583.0	1567.1	1551.1	1532.5	1511.2
7.5°	1725.4	1693.4	1678.8	1662.8	1633.6	1603.0	1573.7	1552.4	1531.1	1501.9	1475.3
10°	1783.9	1744.0	1717.4	1696.1	1650.9	1612.3	1569.7	1539.1	1505.9	1468.6	1434.0
12.5°	1833.1	1781.2	1758.6	1718.7	1666.8	1620.3	1567.1	1520.5	1476.6	1432.7	1390.1
15°	1874.3	1825.1	1769.3	1753.3	1681.5	1614.9	1555.1	1495.2	1440.7	1396.8	1347.6
17.5°	1887.6	1825.1	1797.2	1758.6	1673.5	1604.3	1528.5	1463.3	1411.4	1346.2	1307.7
20°	1891.6	1831.8	1793.2	1757.3	1681.5	1589.7	1515.2	1435.4	1372.8	1307.7	1246.5
22.5°	1881.0	1810.5	1773.2	1738.7	1653.5	1575.0	1488.6	1400.8	1327.6	1267.7	1206.6
25°	1861.0	1778.6	1742.6	1705.4	1624.3	1537.8	1443.3	1359.5	1291.7	1219.9	1160.0
27.5°	1834.4	1740.0	1698.8	1660.2	1580.4	1499.2	1410.1	1323.6	1247.8	1172.0	1116.1
30°	1801.2	1692.1	1654.9	1604.3	1527.1	1450.0	1368.8	1282.4	1197.2	1125.4	1064.2
32.5°	1758.6	1644.2	1595.0	1547.1	1463.3	1392.8	1315.6	1234.5	1152.0	1081.5	1017.7
35°	1720.0	1589.7	1535.1	1487.2	1394.1	1319.6	1255.8	1179.9	1106.8	1033.6	976.4
37.5°	1668.2	1535.1	1469.9	1420.7	1326.3	1250.5	1190.6	1132.1	1054.9	984.4	931.2
40°	1613.6	1467.3	1406.1	1356.9	1258.4	1176.0	1118.8	1066.9	1004.4	939.2	883.3
42.5°	1564.4	1402.1	1336.9	1277.1	1177.3	1104.1	1045.6	1005.7	948.5	889.9	839.4
45°	1501.9	1332.9	1262.4	1199.9	1104.1	1024.3	968.4	936.5	893.9	836.7	792.8
47.5°	1438.0	1258.4	1185.3	1124.1	1020.3	949.8	895.3	864.7	835.4	790.2	746.3
50°	1354.2	1179.9	1113.4	1042.9	940.5	868.7	823.4	792.8	770.2	738.3	701.1
52.5°	1262.4	1098.8	1027.0	965.8	864.7	799.5	747.6	730.3	707.7	683.8	651.8
55°	1165.3	1011.0	941.8	882.0	788.8	722.3	679.8	661.1	643.8	625.2	603.9
57.5°	1068.2	919.2	854.0	800.8	714.4	650.5	615.9	590.6	578.7	568.0	550.7
60°	947.1	820.8	770.2	722.3	637.2	578.7	545.4	526.8	516.1	510.8	502.8
62.5°	840.7	737.0	681.1	634.5	566.7	514.8	482.9	468.3	458.9	456.3	447.0
65°	727.7	638.5	594.6	554.7	496.2	449.6	423.0	405.7	399.1	397.7	397.7
67.5°	621.2	549.4	505.5	477.6	427.0	385.8	360.5	353.9	349.9	344.5	343.2
70°	521.5	464.3	425.7	401.7	356.5	325.9	306.0	295.3	295.3	291.3	288.7
72.5°	433.7	376.5	351.2	331.2	294.0	267.4	252.8	250.1	240.8	239.4	239.4
75°	339.2	296.6	279.4	262.1	234.1	215.5	203.5	196.9	191.6	191.6	192.9
77.5°	255.4	226.1	210.2	196.9	176.9	165.0	155.6	153.0	147.7	147.7	147.7
80°	180.9	165.0	153.0	142.3	127.7	117.1	111.7	106.4	106.4	105.1	106.4
82.5°	117.1	103.8	97.1	95.8	82.5	78.5	71.8	73.2	69.2	67.8	70.5
85°	67.8	61.2	53.2	50.6	45.2	39.9	37.2	38.6	37.2	35.9	37.2
87.5°	26.6	22.6	21.3	21.3	17.3	16.0	14.6	16.0	13.3	13.3	14.6
90°	6.2	5.7	5.1	4.5	3.4	2.3	1.1	0.6	1.1	2.3	3.4
92.5°	95.2	56.7	46.5	36.3	24.4	15.9	10.2	8.5	10.2	15.9	24.4
95°	128.6	68.0	55.2	42.5	30.0	23.8	19.3	18.7	19.3	23.8	30.0
97.5°	111.1	69.1	59.8	50.4	39.1	32.9	29.5	28.9	29.5	32.9	39.1
100°	109.9	77.1	68.6	60.1	49.3	43.1	40.8	39.7	40.8	43.1	49.3
102.5°	115.0	86.7	78.5	70.3	60.6	53.8	52.1	51.6	52.1	53.8	60.6
105°	122.4	97.5	89.6	81.6	72.5	66.9	64.0	64.0	64.0	66.9	72.5
107.5°	132.6	108.2	101.2	94.1	84.4	79.9	77.1	75.9	77.1	79.9	84.4
110°	143.9	120.7	113.4	106.0	97.5	92.4	90.1	89.0	90.1	92.4	97.5

TEST NUMBER: P1027441

CATALOG NUMBER: S125DIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	154.7	132.6	125.5	118.4	109.9	104.8	103.1	102.0	103.1	104.8	109.9
115°	166.0	145.1	138.0	130.9	122.4	117.3	115.6	114.5	115.6	117.3	122.4
117.5°	177.3	157.5	150.7	143.9	134.3	129.2	127.5	125.8	127.5	129.2	134.3
120°	189.8	170.0	162.9	155.8	146.2	141.1	138.8	137.1	138.8	141.1	146.2
122.5°	201.7	181.9	174.8	167.7	157.0	151.9	150.2	149.0	150.2	151.9	157.0
125°	211.9	193.2	185.8	178.5	167.7	162.6	159.8	158.7	159.8	162.6	167.7
127.5°	222.1	204.0	196.6	189.2	177.9	171.7	168.3	166.6	168.3	171.7	177.9
130°	231.7	214.2	206.8	199.4	187.5	180.2	175.6	173.9	175.6	180.2	187.5
132.5°	240.8	223.2	215.8	208.5	196.0	187.5	181.9	179.6	181.9	187.5	196.0
135°	248.7	231.2	223.6	215.9	204.0	194.9	188.1	185.8	188.1	194.9	204.0
137.5°	254.4	238.5	230.6	222.7	210.8	201.7	195.5	193.8	195.5	201.7	210.8
140°	260.6	244.2	236.6	228.9	218.1	209.1	202.3	200.6	202.3	209.1	218.1
142.5°	264.6	249.3	242.2	235.1	224.9	215.9	209.6	208.5	209.6	215.9	224.9
145°	269.1	254.4	247.9	241.4	231.2	223.2	217.6	216.4	217.6	223.2	231.2
147.5°	272.0	258.9	253.0	247.0	238.0	230.6	225.5	224.9	225.5	230.6	238.0
150°	274.8	262.3	257.5	252.7	244.8	237.4	233.4	232.3	233.4	237.4	244.8
152.5°	277.6	266.3	262.0	257.8	250.4	244.2	240.8	240.2	240.8	244.2	250.4
155°	279.3	269.7	265.8	261.8	256.1	250.4	247.0	247.0	247.0	250.4	256.1
157.5°	281.0	272.5	269.4	266.3	261.2	256.1	253.3	253.3	253.3	256.1	261.2
160°	282.2	274.8	272.2	269.7	265.2	261.2	258.9	259.5	258.9	261.2	265.2
162.5°	283.3	277.1	275.1	273.1	269.7	266.3	264.0	264.6	264.0	266.3	269.7
165°	283.3	278.8	277.1	275.4	273.1	270.3	268.6	269.7	268.6	270.3	273.1
167.5°	283.3	279.3	278.2	277.1	275.4	273.7	272.5	273.1	272.5	273.7	275.4
170°	283.3	280.5	279.6	278.8	277.6	276.5	275.9	276.5	275.9	276.5	277.6
172.5°	282.7	280.5	280.2	279.9	279.3	278.2	277.6	278.8	277.6	278.2	279.3
175°	282.2	280.5	280.5	280.5	280.5	279.9	279.3	280.5	279.3	279.9	280.5
177.5°	281.6	280.5	280.5	280.5	281.0	280.5	280.5	281.6	280.5	280.5	281.0
180°	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0

TEST NUMBER: P1027441

CATALOG NUMBER: S125DIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1
2.5°	1545.8	1543.1	1536.5	1532.5	1519.2	1503.2	1497.9	1484.6	1489.9	1480.6	1480.6
5°	1504.5	1492.6	1484.6	1472.6	1447.3	1430.0	1411.4	1402.1	1396.8	1390.1	1384.8
7.5°	1451.3	1442.0	1434.0	1411.4	1383.5	1359.5	1336.9	1327.6	1310.3	1298.3	1293.0
10°	1404.8	1391.5	1372.8	1346.2	1317.0	1286.4	1266.4	1246.5	1233.2	1226.5	1211.9
12.5°	1356.9	1340.9	1321.0	1282.4	1250.5	1231.8	1195.9	1177.3	1170.6	1165.3	1148.0
15°	1307.7	1290.4	1266.4	1230.5	1202.6	1158.7	1137.4	1122.7	1106.8	1105.5	1092.1
17.5°	1263.8	1242.5	1222.5	1178.6	1144.0	1105.5	1093.5	1077.5	1062.9	1046.9	1040.3
20°	1207.9	1187.9	1173.3	1125.4	1086.8	1062.9	1042.9	1029.6	1020.3	1004.4	1001.7
22.5°	1157.3	1136.0	1116.1	1080.2	1046.9	1016.3	992.4	977.7	973.8	967.1	955.1
25°	1108.1	1086.8	1062.9	1029.6	995.0	973.8	952.5	943.2	935.2	924.5	915.2
27.5°	1066.9	1046.9	1024.3	983.1	953.8	937.8	915.2	904.6	893.9	888.6	884.6
30°	1017.7	995.0	977.7	945.8	913.9	892.6	876.6	867.3	858.0	852.7	850.0
32.5°	969.8	948.5	936.5	901.9	876.6	851.4	839.4	832.7	827.4	822.1	816.8
35°	931.2	909.9	891.3	859.4	834.1	816.8	807.5	796.8	792.8	787.5	787.5
37.5°	883.3	867.3	848.7	818.1	795.5	782.2	774.2	760.9	759.6	756.9	752.9
40°	842.1	826.1	808.8	782.2	762.2	746.3	735.6	729.0	725.0	722.3	719.7
42.5°	798.2	780.9	772.9	742.3	725.0	709.0	703.7	697.1	695.7	690.4	683.8
45°	755.6	741.0	725.0	702.4	687.7	674.4	666.5	661.1	654.5	653.2	649.2
47.5°	718.3	701.1	686.4	665.1	649.2	638.5	631.9	625.2	619.9	615.9	611.9
50°	670.5	657.2	645.2	622.6	609.3	598.6	589.3	584.0	578.7	578.7	578.7
52.5°	623.9	611.9	601.3	585.3	569.4	560.0	549.4	545.4	542.7	538.8	542.7
55°	578.7	566.7	556.1	544.1	525.5	517.5	506.8	502.8	504.2	504.2	508.2
57.5°	530.8	521.5	514.8	500.2	482.9	474.9	468.3	464.3	464.3	469.6	470.9
60°	484.2	474.9	462.9	449.6	439.0	429.7	425.7	427.0	427.0	429.7	436.3
62.5°	432.3	427.0	420.4	401.7	395.1	388.4	383.1	387.1	385.8	392.4	401.7
65°	384.4	379.1	369.8	360.5	352.5	345.9	344.5	345.9	348.5	355.2	365.8
67.5°	331.2	331.2	323.3	315.3	308.6	302.0	303.3	304.6	307.3	315.3	331.2
70°	287.3	282.0	274.0	268.7	263.4	260.7	258.1	263.4	271.4	276.7	288.7
72.5°	239.4	235.5	228.8	223.5	222.2	219.5	218.2	220.8	228.8	238.1	251.4
75°	188.9	190.2	186.2	182.2	182.2	178.3	180.9	180.9	188.9	198.2	208.9
77.5°	146.3	145.0	143.7	141.0	139.7	139.7	139.7	142.3	150.3	155.6	166.3
80°	103.8	105.1	101.1	102.4	101.1	102.4	102.4	107.8	111.7	118.4	126.4
82.5°	69.2	69.2	66.5	67.8	67.8	67.8	69.2	71.8	77.2	82.5	87.8
85°	38.6	39.9	37.2	39.9	39.9	39.9	41.2	42.6	46.6	47.9	53.2
87.5°	14.6	17.3	17.3	14.6	16.0	17.3	18.6	17.3	20.0	22.6	23.9
90°	4.5	5.1	5.7	6.2	7.4	7.9	9.1	9.6	10.2	10.8	11.3
92.5°	36.3	46.5	56.7	95.2	159.8	230.0	226.1	182.4	123.0	88.4	65.7
95°	42.5	55.2	68.0	128.6	253.3	409.7	502.0	491.3	407.4	321.3	251.6
97.5°	50.4	59.8	69.1	111.1	206.8	375.7	542.2	613.6	584.2	515.6	445.4
100°	60.1	68.6	77.1	109.9	183.6	326.4	511.7	653.3	696.9	669.2	610.8
102.5°	70.3	78.5	86.7	115.0	173.9	289.0	457.8	629.5	734.9	763.2	742.8
105°	81.6	89.6	97.5	122.4	172.8	267.4	410.8	573.4	709.4	787.0	812.0
107.5°	94.1	101.2	108.2	132.6	176.8	256.1	375.7	520.1	657.3	759.8	819.9
110°	106.0	113.4	120.7	143.9	183.0	251.6	352.4	476.0	598.3	706.0	785.9

TEST NUMBER: P1027441

CATALOG NUMBER: S125DIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	118.4	125.5	132.6	154.7	190.9	251.6	338.8	443.1	551.9	652.7	733.8
115°	130.9	138.0	145.1	166.0	198.9	253.3	329.8	421.0	514.5	602.3	679.9
117.5°	143.9	150.7	157.5	177.3	207.9	256.1	324.7	406.3	488.4	566.0	634.0
120°	155.8	162.9	170.0	189.8	217.0	260.6	321.3	394.4	468.0	536.0	598.3
122.5°	167.7	174.8	181.9	201.7	227.2	264.6	318.4	384.2	452.7	514.5	568.3
125°	178.5	185.8	193.2	211.9	236.3	269.1	316.2	375.1	438.0	495.8	545.1
127.5°	189.2	196.6	204.0	222.1	244.8	274.2	315.0	366.6	422.7	477.7	524.1
130°	199.4	206.8	214.2	231.7	253.3	278.8	313.9	358.1	408.5	458.4	502.6
132.5°	208.5	215.8	223.2	240.8	260.6	283.9	313.9	351.3	394.4	440.3	479.4
135°	215.9	223.6	231.2	248.7	267.4	288.4	313.9	346.2	382.5	421.6	457.8
137.5°	222.7	230.6	238.5	254.4	272.5	292.9	314.5	341.1	371.7	404.6	435.7
140°	228.9	236.6	244.2	260.6	277.6	295.8	315.0	337.7	363.2	389.8	415.9
142.5°	235.1	242.2	249.3	264.6	280.5	297.5	315.6	334.9	355.8	377.4	398.9
145°	241.4	247.9	254.4	269.1	283.3	298.6	315.0	332.0	349.6	367.2	384.7
147.5°	247.0	253.0	258.9	272.0	285.0	299.2	313.9	329.2	343.4	358.1	372.3
150°	252.7	257.5	262.3	274.8	286.7	299.2	312.2	325.8	338.3	350.7	361.5
152.5°	257.8	262.0	266.3	277.6	287.8	298.6	309.9	321.8	332.6	343.4	353.0
155°	261.8	265.8	269.7	279.3	288.4	297.5	307.1	317.3	326.9	336.0	343.9
157.5°	266.3	269.4	272.5	281.0	289.0	296.3	304.3	313.3	321.3	329.2	335.4
160°	269.7	272.2	274.8	282.2	289.0	294.6	301.4	308.2	315.6	321.3	326.9
162.5°	273.1	275.1	277.1	283.3	288.4	292.9	298.0	303.7	309.4	314.5	319.0
165°	275.4	277.1	278.8	283.3	287.8	291.2	294.6	299.2	303.7	307.7	311.1
167.5°	277.1	278.2	279.3	283.3	286.7	288.4	291.2	294.6	298.0	300.9	303.7
170°	278.8	279.6	280.5	283.3	285.6	286.7	288.4	290.7	293.5	295.2	296.9
172.5°	279.9	280.2	280.5	282.7	284.4	284.4	285.0	286.7	288.4	290.1	291.2
175°	280.5	280.5	280.5	282.2	283.3	282.7	282.7	283.3	285.0	285.0	286.1
177.5°	280.5	280.5	280.5	281.6	282.2	281.0	281.0	281.6	282.2	282.7	282.7
180°	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0

TEST NUMBER: P1027441

CATALOG NUMBER: S125DIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1
2.5°	1485.9	1476.6	1475.3	1477.9	1472.6	1480.6	1477.9	1480.6	1473.9	1480.6	1476.6
5°	1383.5	1380.8	1375.5	1368.8	1370.2	1371.5	1378.2	1371.5	1376.8	1378.2	1384.8
7.5°	1287.7	1282.4	1286.4	1283.7	1271.7	1269.1	1271.7	1275.7	1283.7	1289.0	1293.0
10°	1210.5	1207.9	1202.6	1198.6	1191.9	1187.9	1193.2	1187.9	1198.6	1207.9	1207.9
12.5°	1152.0	1141.4	1134.7	1133.4	1118.8	1121.4	1126.7	1130.7	1142.7	1148.0	1148.0
15°	1090.8	1082.8	1080.2	1074.9	1069.5	1074.9	1072.2	1076.2	1081.5	1086.8	1089.5
17.5°	1037.6	1036.3	1037.6	1024.3	1028.3	1021.6	1023.0	1029.6	1025.6	1029.6	1037.6
20°	989.7	992.4	988.4	983.1	983.1	975.1	984.4	981.7	983.1	991.0	1003.0
22.5°	953.8	952.5	948.5	944.5	939.2	940.5	941.8	939.2	949.8	956.5	957.8
25°	915.2	912.6	911.2	907.2	901.9	907.2	905.9	907.2	909.9	920.5	912.6
27.5°	879.3	874.0	876.6	872.7	871.3	872.7	872.7	874.0	876.6	878.0	879.3
30°	848.7	843.4	842.1	839.4	838.1	839.4	842.1	839.4	850.0	848.7	848.7
32.5°	815.5	811.5	808.8	808.8	807.5	806.1	807.5	808.8	816.8	811.5	816.8
35°	783.5	780.9	780.9	778.2	776.9	776.9	776.9	782.2	779.5	783.5	783.5
37.5°	752.9	752.9	751.6	748.9	747.6	748.9	747.6	750.3	748.9	750.3	751.6
40°	721.0	718.3	717.0	717.0	713.0	709.0	713.0	713.0	714.4	718.3	719.7
42.5°	682.4	683.8	683.8	678.4	678.4	678.4	679.8	681.1	681.1	683.8	683.8
45°	649.2	646.5	646.5	646.5	643.8	645.2	647.8	647.8	647.8	647.8	645.2
47.5°	611.9	611.9	613.3	613.3	617.2	615.9	615.9	614.6	611.9	611.9	613.3
50°	577.3	581.3	582.7	582.7	584.0	585.3	585.3	582.7	581.3	577.3	577.3
52.5°	544.1	546.7	549.4	553.4	556.1	554.7	554.7	552.1	546.7	545.4	544.1
55°	508.2	512.2	517.5	521.5	525.5	526.8	526.8	521.5	516.1	509.5	509.5
57.5°	474.9	478.9	488.2	492.2	497.5	497.5	494.9	490.9	482.9	477.6	473.6
60°	441.6	448.3	455.0	462.9	469.6	470.9	466.9	461.6	452.3	445.6	440.3
62.5°	405.7	412.4	425.7	433.7	439.0	439.0	439.0	432.3	420.4	411.1	403.1
65°	371.1	377.8	389.8	400.4	404.4	408.4	404.4	397.7	388.4	377.8	369.8
67.5°	335.2	343.2	355.2	363.2	368.5	372.5	369.8	364.5	352.5	337.9	332.6
70°	295.3	299.3	316.6	324.6	332.6	335.2	332.6	324.6	312.6	296.6	291.3
72.5°	258.1	262.1	278.0	284.7	291.3	294.0	290.0	284.7	274.0	259.4	252.8
75°	215.5	222.2	230.1	240.8	248.8	251.4	247.4	243.4	230.1	220.8	215.5
77.5°	170.3	176.9	187.6	196.9	204.9	203.5	198.2	199.5	184.9	174.3	170.3
80°	129.0	134.4	142.3	150.3	154.3	154.3	153.0	147.7	142.3	134.4	127.7
82.5°	89.1	95.8	102.4	107.8	107.8	109.1	106.4	105.1	99.8	93.1	91.8
85°	53.2	54.5	59.9	59.9	65.2	62.5	61.2	65.2	59.9	55.9	54.5
87.5°	23.9	22.6	23.9	23.9	22.6	25.3	25.3	23.9	25.3	23.9	23.9
90°	11.9	12.5	12.5	12.5	13.0	13.0	13.0	12.5	12.5	12.5	11.9
92.5°	60.4	55.0	45.9	44.2	43.1	41.9	43.1	44.2	45.9	55.0	60.4
95°	227.8	204.0	163.8	146.8	142.2	133.2	142.2	146.8	163.8	204.0	227.8
97.5°	411.4	377.4	343.4	313.9	298.6	291.8	298.6	313.9	343.4	377.4	411.4
100°	581.3	551.9	512.8	472.0	451.0	442.0	451.0	472.0	512.8	551.9	581.3
102.5°	725.2	707.7	665.2	639.1	615.9	609.7	615.9	639.1	665.2	707.7	725.2
105°	808.8	805.7	787.6	768.9	757.6	750.8	757.6	768.9	787.6	805.7	808.8
107.5°	832.4	844.8	849.9	847.1	841.4	835.8	841.4	847.1	849.9	844.8	832.4
110°	810.0	834.1	859.6	870.3	874.3	874.3	874.3	870.3	859.6	834.1	810.0

TEST NUMBER: P1027441

CATALOG NUMBER: S125DIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	763.2	792.7	832.9	853.3	864.6	869.7	864.6	853.3	832.9	792.7	763.2
115°	710.8	741.7	785.9	813.1	829.0	836.3	829.0	813.1	785.9	741.7	710.8
117.5°	663.2	692.4	737.2	765.5	781.4	785.9	781.4	765.5	737.2	692.4	663.2
120°	623.2	648.2	690.1	717.3	732.6	737.2	732.6	717.3	690.1	648.2	623.2
122.5°	591.2	614.2	650.5	674.8	690.1	694.1	690.1	674.8	650.5	614.2	591.2
125°	565.5	585.9	617.6	640.8	653.3	659.0	653.3	640.8	617.6	585.9	565.5
127.5°	543.4	562.6	591.5	612.5	624.4	626.7	624.4	612.5	591.5	562.6	543.4
130°	521.0	539.4	567.7	586.4	597.8	601.2	597.8	586.4	567.7	539.4	521.0
132.5°	497.0	514.5	542.8	561.5	571.7	575.7	571.7	561.5	542.8	514.5	497.0
135°	474.0	490.1	515.1	533.7	543.9	547.3	543.9	533.7	515.1	490.1	474.0
137.5°	449.9	464.1	486.7	504.3	513.9	517.9	513.9	504.3	486.7	464.1	449.9
140°	427.8	439.7	460.7	475.4	483.9	486.7	483.9	475.4	460.7	439.7	427.8
142.5°	408.8	418.7	435.7	447.6	455.6	457.8	455.6	447.6	435.7	418.7	408.8
145°	392.4	400.0	413.6	423.3	429.5	431.8	429.5	423.3	413.6	400.0	392.4
147.5°	378.2	384.2	395.5	403.4	407.4	408.5	407.4	403.4	395.5	384.2	378.2
150°	366.6	371.7	380.2	387.0	389.3	389.8	389.3	387.0	380.2	371.7	366.6
152.5°	356.7	360.4	367.2	372.3	374.5	375.1	374.5	372.3	367.2	360.4	356.7
155°	347.0	350.2	355.8	359.8	361.5	362.1	361.5	359.8	355.8	350.2	347.0
157.5°	338.0	340.5	345.1	348.5	350.2	350.2	350.2	348.5	345.1	340.5	338.0
160°	328.9	330.9	334.9	337.7	338.8	338.3	338.8	337.7	334.9	330.9	328.9
162.5°	320.7	322.4	325.2	327.5	327.5	327.5	327.5	327.5	325.2	322.4	320.7
165°	312.5	313.9	316.2	317.3	317.3	317.3	317.3	317.3	316.2	313.9	312.5
167.5°	304.8	306.0	307.1	308.2	307.7	307.7	307.7	308.2	307.1	306.0	304.8
170°	297.4	298.0	299.2	299.7	299.7	299.2	299.7	299.7	299.2	298.0	297.4
172.5°	291.5	291.8	291.8	292.9	291.8	291.2	291.8	292.9	291.8	291.8	291.5
175°	286.1	286.1	286.1	286.7	285.6	285.0	285.6	286.7	286.1	286.1	286.1
177.5°	282.7	282.7	282.2	282.7	281.0	281.0	281.0	282.7	282.2	282.7	282.7
180°	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0

TEST NUMBER: P1027441

CATALOG NUMBER: S125DIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1	1567.1
2.5°	1488.6	1480.6	1489.9	1477.9	1480.6	1495.2	1493.9	1507.2	1515.2	1513.8	1520.5
5°	1390.1	1390.1	1394.1	1392.8	1406.1	1418.1	1434.0	1447.3	1462.0	1469.9	1479.3
7.5°	1293.0	1306.3	1309.0	1315.6	1331.6	1351.6	1367.5	1387.5	1408.8	1423.4	1434.0
10°	1213.2	1223.8	1234.5	1239.8	1257.1	1283.7	1306.3	1338.2	1364.9	1380.8	1395.4
12.5°	1142.7	1154.7	1160.0	1183.9	1195.9	1213.2	1245.1	1279.7	1309.0	1326.3	1338.2
15°	1092.1	1098.8	1110.8	1125.4	1137.4	1158.7	1185.3	1223.8	1251.8	1266.4	1307.7
17.5°	1049.6	1057.6	1064.2	1070.9	1089.5	1112.1	1137.4	1170.6	1206.6	1231.8	1253.1
20°	1005.7	1009.7	1017.7	1028.3	1041.6	1062.9	1085.5	1120.1	1152.0	1172.0	1199.9
22.5°	953.8	965.8	973.8	981.7	996.4	1020.3	1041.6	1066.9	1106.8	1129.4	1158.7
25°	923.2	928.5	933.8	943.2	953.8	975.1	999.0	1025.6	1057.6	1081.5	1106.8
27.5°	883.3	891.3	897.9	909.9	916.6	933.8	956.5	983.1	1021.6	1041.6	1062.9
30°	850.0	858.0	863.3	868.7	878.0	896.6	917.9	939.2	975.1	1000.4	1021.6
32.5°	816.8	824.8	831.4	835.4	844.7	856.7	874.0	900.6	931.2	948.5	976.4
35°	787.5	787.5	795.5	800.8	808.8	819.4	835.4	855.4	887.3	909.9	935.2
37.5°	754.3	755.6	762.2	766.2	774.2	784.9	800.8	819.4	846.0	863.3	888.6
40°	719.7	723.7	726.3	733.0	742.3	746.3	762.2	783.5	810.1	826.1	847.4
42.5°	685.1	687.7	694.4	699.7	707.7	714.4	725.0	744.9	764.9	788.8	806.1
45°	646.5	653.2	657.2	666.5	670.5	677.1	687.7	703.7	727.7	742.3	762.2
47.5°	613.3	615.9	618.6	630.5	638.5	642.5	653.2	662.5	687.7	701.1	719.7
50°	577.3	577.3	581.3	586.6	596.0	603.9	613.3	623.9	643.8	657.2	675.8
52.5°	544.1	540.1	542.7	545.4	554.7	562.7	572.0	586.6	605.3	613.3	629.2
55°	508.2	501.5	505.5	509.5	512.2	522.8	533.4	542.7	557.4	569.4	584.0
57.5°	469.6	468.3	465.6	466.9	473.6	480.2	488.2	500.2	517.5	526.8	534.8
60°	435.0	427.0	424.4	427.0	431.0	435.0	445.6	456.3	470.9	480.2	489.5
62.5°	399.1	391.1	385.8	381.8	385.8	395.1	401.7	409.7	421.7	432.3	440.3
65°	364.5	352.5	347.2	344.5	343.2	349.9	355.2	365.8	376.5	380.5	389.8
67.5°	325.9	315.3	308.6	304.6	304.6	304.6	310.0	320.6	331.2	332.6	341.9
70°	287.3	275.4	268.7	263.4	260.7	263.4	270.0	271.4	280.7	283.3	288.7
72.5°	246.1	235.5	227.5	220.8	222.2	224.8	224.8	227.5	232.8	239.4	239.4
75°	207.5	192.9	188.9	183.6	180.9	180.9	180.9	186.2	190.2	195.5	194.2
77.5°	163.6	155.6	147.7	145.0	141.0	139.7	142.3	142.3	145.0	149.0	150.3
80°	126.4	117.1	111.7	109.1	103.8	102.4	103.8	103.8	107.8	106.4	107.8
82.5°	87.8	81.1	77.2	73.2	70.5	71.8	70.5	70.5	71.8	70.5	70.5
85°	50.6	49.2	46.6	45.2	43.9	41.2	43.9	42.6	41.2	39.9	42.6
87.5°	23.9	22.6	22.6	20.0	20.0	18.6	20.0	20.0	18.6	18.6	18.6
90°	11.3	10.8	10.2	9.6	9.1	7.9	7.4	6.2	5.7	5.1	4.5
92.5°	65.7	88.4	123.0	182.4	226.1	230.0	159.8	95.2	56.7	46.5	36.3
95°	251.6	321.3	407.4	491.3	502.0	409.7	253.3	128.6	68.0	55.2	42.5
97.5°	445.4	515.6	584.2	613.6	542.2	375.7	206.8	111.1	69.1	59.8	50.4
100°	610.8	669.2	696.9	653.3	511.7	326.4	183.6	109.9	77.1	68.6	60.1
102.5°	742.8	763.2	734.9	629.5	457.8	289.0	173.9	115.0	86.7	78.5	70.3
105°	812.0	787.0	709.4	573.4	410.8	267.4	172.8	122.4	97.5	89.6	81.6
107.5°	819.9	759.8	657.3	520.1	375.7	256.1	176.8	132.6	108.2	101.2	94.1
110°	785.9	706.0	598.3	476.0	352.4	251.6	183.0	143.9	120.7	113.4	106.0

TEST NUMBER: P1027441

CATALOG NUMBER: S125DIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	733.8	652.7	551.9	443.1	338.8	251.6	190.9	154.7	132.6	125.5	118.4
115°	679.9	602.3	514.5	421.0	329.8	253.3	198.9	166.0	145.1	138.0	130.9
117.5°	634.0	566.0	488.4	406.3	324.7	256.1	207.9	177.3	157.5	150.7	143.9
120°	598.3	536.0	468.0	394.4	321.3	260.6	217.0	189.8	170.0	162.9	155.8
122.5°	568.3	514.5	452.7	384.2	318.4	264.6	227.2	201.7	181.9	174.8	167.7
125°	545.1	495.8	438.0	375.1	316.2	269.1	236.3	211.9	193.2	185.8	178.5
127.5°	524.1	477.7	422.7	366.6	315.0	274.2	244.8	222.1	204.0	196.6	189.2
130°	502.6	458.4	408.5	358.1	313.9	278.8	253.3	231.7	214.2	206.8	199.4
132.5°	479.4	440.3	394.4	351.3	313.9	283.9	260.6	240.8	223.2	215.8	208.5
135°	457.8	421.6	382.5	346.2	313.9	288.4	267.4	248.7	231.2	223.6	215.9
137.5°	435.7	404.6	371.7	341.1	314.5	292.9	272.5	254.4	238.5	230.6	222.7
140°	415.9	389.8	363.2	337.7	315.0	295.8	277.6	260.6	244.2	236.6	228.9
142.5°	398.9	377.4	355.8	334.9	315.6	297.5	280.5	264.6	249.3	242.2	235.1
145°	384.7	367.2	349.6	332.0	315.0	298.6	283.3	269.1	254.4	247.9	241.4
147.5°	372.3	358.1	343.4	329.2	313.9	299.2	285.0	272.0	258.9	253.0	247.0
150°	361.5	350.7	338.3	325.8	312.2	299.2	286.7	274.8	262.3	257.5	252.7
152.5°	353.0	343.4	332.6	321.8	309.9	298.6	287.8	277.6	266.3	262.0	257.8
155°	343.9	336.0	326.9	317.3	307.1	297.5	288.4	279.3	269.7	265.8	261.8
157.5°	335.4	329.2	321.3	313.3	304.3	296.3	289.0	281.0	272.5	269.4	266.3
160°	326.9	321.3	315.6	308.2	301.4	294.6	289.0	282.2	274.8	272.2	269.7
162.5°	319.0	314.5	309.4	303.7	298.0	292.9	288.4	283.3	277.1	275.1	273.1
165°	311.1	307.7	303.7	299.2	294.6	291.2	287.8	283.3	278.8	277.1	275.4
167.5°	303.7	300.9	298.0	294.6	291.2	288.4	286.7	283.3	279.3	278.2	277.1
170°	296.9	295.2	293.5	290.7	288.4	286.7	285.6	283.3	280.5	279.6	278.8
172.5°	291.2	290.1	288.4	286.7	285.0	284.4	284.4	282.7	280.5	280.2	279.9
175°	286.1	285.0	285.0	283.3	282.7	282.7	283.3	282.2	280.5	280.5	280.5
177.5°	282.7	282.7	282.2	281.6	281.0	281.0	282.2	281.6	280.5	280.5	280.5
180°	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0	281.0

TEST NUMBER: P1027441

CATALOG NUMBER: S125DIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1567.1	1567.1	1567.1	1567.1
2.5°	1529.8	1543.1	1552.4	1569.7
5°	1495.2	1519.2	1541.8	1565.7
7.5°	1460.6	1488.6	1524.5	1555.1
10°	1422.1	1458.0	1500.5	1541.8
12.5°	1383.5	1426.0	1472.6	1527.1
15°	1336.9	1391.5	1446.0	1504.5
17.5°	1295.7	1351.6	1410.1	1483.2
20°	1249.1	1310.3	1374.2	1448.7
22.5°	1207.9	1275.7	1342.2	1420.7
25°	1161.3	1227.8	1301.0	1384.8
27.5°	1122.7	1183.9	1255.8	1346.2
30°	1076.2	1142.7	1214.5	1305.0
32.5°	1032.3	1096.1	1172.0	1261.1
35°	987.1	1052.2	1120.1	1205.2
37.5°	944.5	1000.4	1068.2	1149.4
40°	896.6	957.8	1019.0	1082.8
42.5°	852.7	908.6	965.8	1016.3
45°	803.5	851.4	905.9	947.1
47.5°	758.3	800.8	843.4	875.3
50°	713.0	746.3	778.2	806.1
52.5°	659.8	697.1	714.4	731.6
55°	611.9	633.2	649.2	666.5
57.5°	565.4	574.7	582.7	598.6
60°	504.2	514.8	524.1	536.1
62.5°	451.0	456.3	458.9	470.9
65°	400.4	399.1	405.7	412.4
67.5°	345.9	344.5	351.2	353.9
70°	292.7	291.3	292.7	299.3
72.5°	242.1	242.1	243.4	246.1
75°	195.5	195.5	196.9	199.5
77.5°	147.7	150.3	149.0	154.3
80°	107.8	105.1	107.8	110.4
82.5°	70.5	73.2	73.2	70.5
85°	39.9	39.9	39.9	39.9
87.5°	17.3	17.3	18.6	20.0
90°	3.4	2.3	1.1	0.6
92.5°	24.4	15.9	10.2	8.5
95°	30.0	23.8	19.3	18.7
97.5°	39.1	32.9	29.5	28.9
100°	49.3	43.1	40.8	39.7
102.5°	60.6	53.8	52.1	51.6
105°	72.5	66.9	64.0	64.0
107.5°	84.4	79.9	77.1	75.9
110°	97.5	92.4	90.1	89.0

TEST NUMBER: P1027441

CATALOG NUMBER: S125DIP-B1090D610UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	109.9	104.8	103.1	102.0
115°	122.4	117.3	115.6	114.5
117.5°	134.3	129.2	127.5	125.8
120°	146.2	141.1	138.8	137.1
122.5°	157.0	151.9	150.2	149.0
125°	167.7	162.6	159.8	158.7
127.5°	177.9	171.7	168.3	166.6
130°	187.5	180.2	175.6	173.9
132.5°	196.0	187.5	181.9	179.6
135°	204.0	194.9	188.1	185.8
137.5°	210.8	201.7	195.5	193.8
140°	218.1	209.1	202.3	200.6
142.5°	224.9	215.9	209.6	208.5
145°	231.2	223.2	217.6	216.4
147.5°	238.0	230.6	225.5	224.9
150°	244.8	237.4	233.4	232.3
152.5°	250.4	244.2	240.8	240.2
155°	256.1	250.4	247.0	247.0
157.5°	261.2	256.1	253.3	253.3
160°	265.2	261.2	258.9	259.5
162.5°	269.7	266.3	264.0	264.6
165°	273.1	270.3	268.6	269.7
167.5°	275.4	273.7	272.5	273.1
170°	277.6	276.5	275.9	276.5
172.5°	279.3	278.2	277.6	278.8
175°	280.5	279.9	279.3	280.5
177.5°	281.0	280.5	280.5	281.6
180°	281.0	281.0	281.0	281.0

(END OF REPORT)