

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: P1027439

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

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027439
REPORT IS A COMBINATION OF REPORTS P1001399 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B1090D610UB27-4F0-XX-W2A-A
Description: Define 5 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

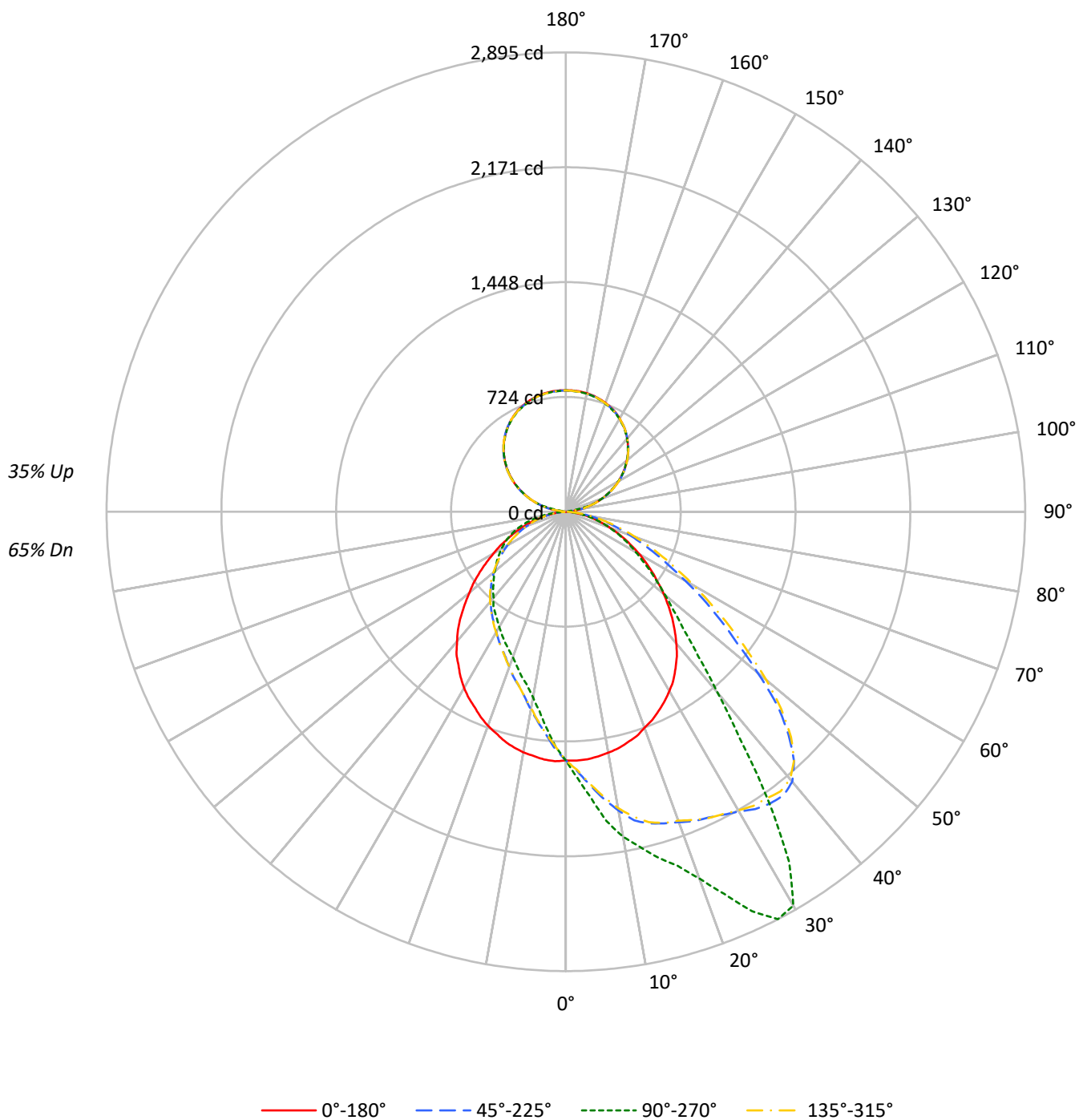
Lumens per Lamp: N/A
Luminaire Lumens: 6772.0 lumens
Efficiency: N/A
Efficacy: 108.9 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 62.2
Input Voltage (V):
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



TEST NUMBER: P1027439

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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	104	104	104	104	92	92	92	81	81	81	70	70	70
1	102	97	93	90	95	92	88	85	81	79	76	71	70	68	63	61	60
2	93	85	79	74	87	80	75	70	71	67	64	63	60	57	55	53	51
3	85	75	68	62	79	71	64	59	63	58	54	56	52	49	49	46	44
4	78	67	59	53	73	63	56	50	56	51	46	50	46	42	44	41	38
5	71	60	51	45	67	56	49	43	51	45	40	45	40	36	40	36	33
6	66	54	45	39	62	51	43	38	46	40	35	41	36	32	36	32	29
7	61	49	40	35	57	46	39	33	41	35	31	37	32	28	33	29	26
8	57	44	36	31	53	42	35	30	38	32	28	34	29	25	30	26	23
9	53	40	33	28	50	38	31	27	35	29	25	31	26	23	28	24	21
10	49	37	30	25	47	35	29	24	32	26	22	29	24	21	26	22	19

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	2.2
10°-20°	449.2	6.6
20°-30°	729.7	10.8
30°-40°	891.8	13.2
40°-50°	809.0	11.9
50°-60°	644.3	9.5
60°-70°	448.8	6.6
70°-80°	239.1	3.5
80°-90°	60.4	0.9
90°-100°	26.0	0.4
100°-110°	172.6	2.5
110°-120°	310.8	4.6
120°-130°	398.9	5.9
130°-140°	429.0	6.3
140°-150°	402.7	5.9
150°-160°	325.7	4.8
160°-170°	210.6	3.1
170°-180°	72.6	1.1
0°-30°	1329.8	19.6
0°-40°	2221.6	32.8
0°-60°	3674.9	54.3
0°-90°	4423.1	65.3
90°-120°	509.3	7.5
90°-150°	1739.8	25.7
90°-180°	2349.0	34.7
0°-180°	6772.0	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	14	1	14	1	4
95°	32	12	32	12	32	40
105°	167	168	167	168	167	177
115°	313	311	313	311	313	310
125°	445	445	445	445	445	397
135°	555	553	555	553	555	428
145°	643	642	643	642	643	402
155°	708	703	708	703	708	326
165°	748	744	748	744	748	211
175°	765	761	765	761	765	73
180°	765	765	765	765	765	

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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	1.6	2.6	3.6	4.6	5.1	5.5	6.4	7.3	8.2	9.1
92.5°	10.8	9.7	8.5	7.4	6.3	5.7	6.1	6.8	7.6	8.3	9.1
95°	32.3	31.9	31.5	31.2	30.8	30.6	28.2	23.4	18.7	13.9	9.1
97.5°	60.7	61.5	62.2	63.0	63.7	64.1	58.1	46.1	34.2	22.2	10.2
100°	94.7	95.1	95.5	95.8	96.2	96.4	96.6	97.1	97.6	98.1	98.6
102.5°	129.2	129.7	130.2	130.7	131.2	131.5	131.6	131.9	132.1	132.4	132.6
105°	166.6	167.1	167.6	168.1	168.6	168.9	168.9	168.9	168.9	168.9	168.9
107.5°	205.2	205.2	205.2	205.2	205.2	205.2	205.3	205.6	205.8	206.1	206.3
110°	242.6	242.6	242.6	242.6	242.6	242.6	242.7	243.0	243.2	243.5	243.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	277.7	278.1	278.5	278.8	279.2	279.4	279.5	279.6	279.7	279.9	280.0
115°	312.9	313.5	314.1	314.8	315.4	315.7	315.8	315.9	316.0	316.2	316.3
117.5°	349.7	349.7	349.7	349.7	349.7	349.7	350.0	350.5	351.0	351.5	352.0
120°	383.7	383.6	383.5	383.4	383.3	383.2	383.4	383.8	384.1	384.5	384.9
122.5°	413.8	414.4	415.0	415.7	416.3	416.6	416.7	416.8	416.9	417.1	417.2
125°	445.0	445.9	446.7	447.6	448.5	448.9	448.9	448.9	448.9	448.9	448.9
127.5°	475.0	475.6	476.2	476.9	477.5	477.8	477.7	477.6	477.5	477.4	477.3
130°	502.2	502.8	503.4	504.1	504.7	505.0	505.1	505.2	505.3	505.5	505.6
132.5°	529.4	530.2	530.9	531.7	532.4	532.8	532.6	532.2	531.9	531.5	531.1
135°	554.9	555.7	556.4	557.2	557.9	558.3	558.2	557.9	557.7	557.4	557.2
137.5°	578.7	579.5	580.2	581.0	581.7	582.1	582.0	581.7	581.5	581.2	581.0
140°	602.0	602.2	602.5	602.7	603.0	603.1	603.0	602.9	602.8	602.6	602.5
142.5°	622.9	623.0	623.2	623.3	623.4	623.5	623.6	623.9	624.1	624.4	624.6
145°	643.4	643.6	643.9	644.1	644.4	644.5	644.5	644.5	644.5	644.5	644.5
147.5°	661.5	661.5	661.5	661.5	661.5	661.5	661.6	661.7	661.8	662.0	662.1
150°	678.5	678.3	678.0	677.8	677.5	677.4	677.5	677.8	678.0	678.3	678.5
152.5°	694.9	694.3	693.7	693.0	692.4	692.1	692.2	692.5	692.7	693.0	693.2
155°	708.5	707.7	707.0	706.2	705.5	705.1	705.2	705.5	705.8	706.0	706.3
157.5°	719.3	718.9	718.5	718.2	717.8	717.6	717.6	717.6	717.6	717.6	717.6
160°	730.6	729.8	729.1	728.3	727.6	727.2	727.3	727.4	727.5	727.7	727.8
162.5°	739.7	738.9	738.2	737.4	736.7	736.3	736.4	736.5	736.6	736.8	736.9
165°	747.7	746.9	746.2	745.4	744.7	744.3	744.4	744.5	744.6	744.7	744.8
167.5°	753.9	753.1	752.4	751.6	750.9	750.5	750.6	750.7	750.8	751.0	751.1
170°	759.0	758.1	757.2	756.3	755.4	755.0	755.1	755.2	755.3	755.5	755.6
172.5°	762.4	761.5	760.6	759.7	758.8	758.4	758.5	758.8	759.1	759.3	759.6
175°	764.7	763.9	763.2	762.4	761.7	761.3	761.4	761.5	761.6	761.7	761.8
177.5°	766.4	765.6	764.9	764.1	763.4	763.0	763.1	763.2	763.3	763.4	763.5
180°	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7

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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°	9.7	10.3	11.0	11.6	11.9	12.1	12.5	12.8	13.2	13.6	13.2
92.5°	9.7	10.3	11.0	11.6	11.9	12.0	12.1	12.2	12.4	12.5	12.4
95°	9.7	10.3	11.0	11.6	11.9	11.9	11.9	11.9	11.9	11.9	11.9
97.5°	10.4	10.7	10.9	11.2	11.3	11.4	11.5	11.6	11.8	11.9	11.8
100°	79.8	61.1	42.3	23.6	14.2	13.9	13.4	12.9	12.4	11.9	12.4
102.5°	132.9	133.1	133.4	133.7	133.8	128.5	117.9	107.4	96.8	86.2	96.8
105°	168.9	168.9	168.9	168.9	168.9	168.8	168.7	168.6	168.4	168.3	168.4
107.5°	206.4	206.6	206.7	206.8	206.9	206.6	206.1	205.6	205.1	204.6	205.1
110°	243.3	242.9	242.6	242.2	242.0	242.1	242.2	242.3	242.5	242.6	242.5

TEST NUMBER: P1027439

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

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	279.5	279.0	278.5	278.0	277.7	277.6	277.3	277.1	276.8	276.6	276.8
115°	315.8	315.3	314.8	314.3	314.0	313.6	312.9	312.1	311.4	310.6	311.4
117.5°	351.2	350.5	349.7	349.0	348.6	348.5	348.2	348.0	347.7	347.5	347.7
120°	384.6	384.4	384.1	383.8	383.7	383.4	382.8	382.1	381.5	380.9	381.5
122.5°	417.0	416.7	416.5	416.2	416.1	415.7	415.0	414.2	413.5	412.7	413.5
125°	448.4	447.9	447.4	446.9	446.7	446.5	446.1	445.8	445.4	445.0	445.4
127.5°	477.0	476.8	476.5	476.2	476.1	475.6	474.6	473.6	472.6	471.6	472.6
130°	505.2	504.8	504.5	504.1	503.9	503.6	503.0	502.3	501.7	501.1	501.7
132.5°	531.1	531.1	531.1	531.1	531.1	530.8	530.2	529.5	528.9	528.3	528.9
135°	557.0	556.7	556.5	556.2	556.1	555.7	555.0	554.2	553.5	552.7	553.5
137.5°	581.0	581.0	581.0	581.0	581.0	580.7	580.1	579.4	578.8	578.2	578.8
140°	602.8	603.0	603.3	603.6	603.7	603.3	602.6	601.8	601.1	600.3	601.1
142.5°	624.6	624.6	624.6	624.6	624.6	624.2	623.5	622.7	622.0	621.2	622.0
145°	644.6	644.8	644.9	645.0	645.1	644.7	644.0	643.2	642.5	641.7	642.5
147.5°	662.2	662.3	662.4	662.5	662.6	662.2	661.3	660.4	659.6	658.7	659.6
150°	678.7	679.0	679.2	679.5	679.6	679.1	678.1	677.1	676.1	675.1	676.1
152.5°	693.5	693.7	694.0	694.3	694.4	694.0	693.1	692.2	691.3	690.4	691.3
155°	706.7	707.1	707.4	707.8	708.0	707.5	706.5	705.4	704.4	703.4	704.4
157.5°	718.0	718.4	718.7	719.1	719.3	718.8	717.8	716.8	715.8	714.8	715.8
160°	728.3	728.8	729.3	729.8	730.1	729.6	728.6	727.5	726.5	725.5	726.5
162.5°	737.7	738.4	739.2	739.9	740.3	739.7	738.6	737.5	736.3	735.2	736.3
165°	745.6	746.3	747.1	747.8	748.2	747.7	746.7	745.7	744.7	743.7	744.7
167.5°	752.0	752.8	753.7	754.6	755.0	754.4	753.3	752.2	751.0	749.9	751.0
170°	756.6	757.6	758.6	759.6	760.1	759.5	758.4	757.3	756.1	755.0	756.1
172.5°	760.5	761.3	762.2	763.1	763.5	762.9	761.8	760.7	759.5	758.4	759.5
175°	762.8	763.8	764.9	765.9	766.4	765.8	764.7	763.6	762.4	761.3	762.4
177.5°	764.4	765.3	766.2	767.1	767.5	767.0	766.0	765.0	764.0	763.0	764.0
180°	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7

TEST NUMBER: P1027439

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

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°	12.8	12.5	12.1	11.9	11.6	11.0	10.3	9.7	9.1	8.2	7.3
92.5°	12.2	12.1	12.0	11.9	11.6	11.0	10.3	9.7	9.1	8.3	7.6
95°	11.9	11.9	11.9	11.9	11.6	11.0	10.3	9.7	9.1	13.9	18.7
97.5°	11.6	11.5	11.4	11.3	11.2	10.9	10.7	10.4	10.2	22.2	34.2
100°	12.9	13.4	13.9	14.2	23.6	42.3	61.1	79.8	98.6	98.1	97.6
102.5°	107.4	117.9	128.5	133.8	133.7	133.4	133.1	132.9	132.6	132.4	132.1
105°	168.6	168.7	168.8	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.9
107.5°	205.6	206.1	206.6	206.9	206.8	206.7	206.6	206.4	206.3	206.1	205.8
110°	242.3	242.2	242.1	242.0	242.2	242.6	242.9	243.3	243.7	243.5	243.2

TEST NUMBER: P1027439

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

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	277.1	277.3	277.6	277.7	278.0	278.5	279.0	279.5	280.0	279.9	279.7
115°	312.1	312.9	313.6	314.0	314.3	314.8	315.3	315.8	316.3	316.2	316.0
117.5°	348.0	348.2	348.5	348.6	349.0	349.7	350.5	351.2	352.0	351.5	351.0
120°	382.1	382.8	383.4	383.7	383.8	384.1	384.4	384.6	384.9	384.5	384.1
122.5°	414.2	415.0	415.7	416.1	416.2	416.5	416.7	417.0	417.2	417.1	416.9
125°	445.8	446.1	446.5	446.7	446.9	447.4	447.9	448.4	448.9	448.9	448.9
127.5°	473.6	474.6	475.6	476.1	476.2	476.5	476.8	477.0	477.3	477.4	477.5
130°	502.3	503.0	503.6	503.9	504.1	504.5	504.8	505.2	505.6	505.5	505.3
132.5°	529.5	530.2	530.8	531.1	531.1	531.1	531.1	531.1	531.1	531.5	531.9
135°	554.2	555.0	555.7	556.1	556.2	556.5	556.7	557.0	557.2	557.4	557.7
137.5°	579.4	580.1	580.7	581.0	581.0	581.0	581.0	581.0	581.0	581.2	581.5
140°	601.8	602.6	603.3	603.7	603.6	603.3	603.0	602.8	602.5	602.6	602.8
142.5°	622.7	623.5	624.2	624.6	624.6	624.6	624.6	624.6	624.6	624.4	624.1
145°	643.2	644.0	644.7	645.1	645.0	644.9	644.8	644.6	644.5	644.5	644.5
147.5°	660.4	661.3	662.2	662.6	662.5	662.4	662.3	662.2	662.1	662.0	661.8
150°	677.1	678.1	679.1	679.6	679.5	679.2	679.0	678.7	678.5	678.3	678.0
152.5°	692.2	693.1	694.0	694.4	694.3	694.0	693.7	693.5	693.2	693.0	692.7
155°	705.4	706.5	707.5	708.0	707.8	707.4	707.1	706.7	706.3	706.0	705.8
157.5°	716.8	717.8	718.8	719.3	719.1	718.7	718.4	718.0	717.6	717.6	717.6
160°	727.5	728.6	729.6	730.1	729.8	729.3	728.8	728.3	727.8	727.7	727.5
162.5°	737.5	738.6	739.7	740.3	739.9	739.2	738.4	737.7	736.9	736.8	736.6
165°	745.7	746.7	747.7	748.2	747.8	747.1	746.3	745.6	744.8	744.7	744.6
167.5°	752.2	753.3	754.4	755.0	754.6	753.7	752.8	752.0	751.1	751.0	750.8
170°	757.3	758.4	759.5	760.1	759.6	758.6	757.6	756.6	755.6	755.5	755.3
172.5°	760.7	761.8	762.9	763.5	763.1	762.2	761.3	760.5	759.6	759.3	759.1
175°	763.6	764.7	765.8	766.4	765.9	764.9	763.8	762.8	761.8	761.7	761.6
177.5°	765.0	766.0	767.0	767.5	767.1	766.2	765.3	764.4	763.5	763.4	763.3
180°	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7

TEST NUMBER: P1027439

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

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°	6.4	5.5	5.1	4.6	3.6	2.6	1.6	0.6	1.6	2.6	3.6
92.5°	6.8	6.1	5.7	6.3	7.4	8.5	9.7	10.8	9.7	8.5	7.4
95°	23.4	28.2	30.6	30.8	31.2	31.5	31.9	32.3	31.9	31.5	31.2
97.5°	46.1	58.1	64.1	63.7	63.0	62.2	61.5	60.7	61.5	62.2	63.0
100°	97.1	96.6	96.4	96.2	95.8	95.5	95.1	94.7	95.1	95.5	95.8
102.5°	131.9	131.6	131.5	131.2	130.7	130.2	129.7	129.2	129.7	130.2	130.7
105°	168.9	168.9	168.9	168.6	168.1	167.6	167.1	166.6	167.1	167.6	168.1
107.5°	205.6	205.3	205.2	205.2	205.2	205.2	205.2	205.2	205.2	205.2	205.2
110°	243.0	242.7	242.6	242.6	242.6	242.6	242.6	242.6	242.6	242.6	242.6

TEST NUMBER: P1027439

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

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	279.6	279.5	279.4	279.2	278.8	278.5	278.1	277.7	278.1	278.5	278.8
115°	315.9	315.8	315.7	315.4	314.8	314.1	313.5	312.9	313.5	314.1	314.8
117.5°	350.5	350.0	349.7	349.7	349.7	349.7	349.7	349.7	349.7	349.7	349.7
120°	383.8	383.4	383.2	383.3	383.4	383.5	383.6	383.7	383.6	383.5	383.4
122.5°	416.8	416.7	416.6	416.3	415.7	415.0	414.4	413.8	414.4	415.0	415.7
125°	448.9	448.9	448.9	448.5	447.6	446.7	445.9	445.0	445.9	446.7	447.6
127.5°	477.6	477.7	477.8	477.5	476.9	476.2	475.6	475.0	475.6	476.2	476.9
130°	505.2	505.1	505.0	504.7	504.1	503.4	502.8	502.2	502.8	503.4	504.1
132.5°	532.2	532.6	532.8	532.4	531.7	530.9	530.2	529.4	530.2	530.9	531.7
135°	557.9	558.2	558.3	557.9	557.2	556.4	555.7	554.9	555.7	556.4	557.2
137.5°	581.7	582.0	582.1	581.7	581.0	580.2	579.5	578.7	579.5	580.2	581.0
140°	602.9	603.0	603.1	603.0	602.7	602.5	602.2	602.0	602.2	602.5	602.7
142.5°	623.9	623.6	623.5	623.4	623.3	623.2	623.0	622.9	623.0	623.2	623.3
145°	644.5	644.5	644.5	644.4	644.1	643.9	643.6	643.4	643.6	643.9	644.1
147.5°	661.7	661.6	661.5	661.5	661.5	661.5	661.5	661.5	661.5	661.5	661.5
150°	677.8	677.5	677.4	677.5	677.8	678.0	678.3	678.5	678.3	678.0	677.8
152.5°	692.5	692.2	692.1	692.4	693.0	693.7	694.3	694.9	694.3	693.7	693.0
155°	705.5	705.2	705.1	705.5	706.2	707.0	707.7	708.5	707.7	707.0	706.2
157.5°	717.6	717.6	717.6	717.8	718.2	718.5	718.9	719.3	718.9	718.5	718.2
160°	727.4	727.3	727.2	727.6	728.3	729.1	729.8	730.6	729.8	729.1	728.3
162.5°	736.5	736.4	736.3	736.7	737.4	738.2	738.9	739.7	738.9	738.2	737.4
165°	744.5	744.4	744.3	744.7	745.4	746.2	746.9	747.7	746.9	746.2	745.4
167.5°	750.7	750.6	750.5	750.9	751.6	752.4	753.1	753.9	753.1	752.4	751.6
170°	755.2	755.1	755.0	755.4	756.3	757.2	758.1	759.0	758.1	757.2	756.3
172.5°	758.8	758.5	758.4	758.8	759.7	760.6	761.5	762.4	761.5	760.6	759.7
175°	761.5	761.4	761.3	761.7	762.4	763.2	763.9	764.7	763.9	763.2	762.4
177.5°	763.2	763.1	763.0	763.4	764.1	764.9	765.6	766.4	765.6	764.9	764.1
180°	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7

TEST NUMBER: P1027439

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

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°	4.6	5.1	5.5	6.4	7.3	8.2	9.1	9.7	10.3	11.0	11.6
92.5°	6.3	5.7	6.1	6.8	7.6	8.3	9.1	9.7	10.3	11.0	11.6
95°	30.8	30.6	28.2	23.4	18.7	13.9	9.1	9.7	10.3	11.0	11.6
97.5°	63.7	64.1	58.1	46.1	34.2	22.2	10.2	10.4	10.7	10.9	11.2
100°	96.2	96.4	96.6	97.1	97.6	98.1	98.6	79.8	61.1	42.3	23.6
102.5°	131.2	131.5	131.6	131.9	132.1	132.4	132.6	132.9	133.1	133.4	133.7
105°	168.6	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.9
107.5°	205.2	205.2	205.3	205.6	205.8	206.1	206.3	206.4	206.6	206.7	206.8
110°	242.6	242.6	242.7	243.0	243.2	243.5	243.7	243.3	242.9	242.6	242.2

TEST NUMBER: P1027439

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

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	279.2	279.4	279.5	279.6	279.7	279.9	280.0	279.5	279.0	278.5	278.0
115°	315.4	315.7	315.8	315.9	316.0	316.2	316.3	315.8	315.3	314.8	314.3
117.5°	349.7	349.7	350.0	350.5	351.0	351.5	352.0	351.2	350.5	349.7	349.0
120°	383.3	383.2	383.4	383.8	384.1	384.5	384.9	384.6	384.4	384.1	383.8
122.5°	416.3	416.6	416.7	416.8	416.9	417.1	417.2	417.0	416.7	416.5	416.2
125°	448.5	448.9	448.9	448.9	448.9	448.9	448.9	448.4	447.9	447.4	446.9
127.5°	477.5	477.8	477.7	477.6	477.5	477.4	477.3	477.0	476.8	476.5	476.2
130°	504.7	505.0	505.1	505.2	505.3	505.5	505.6	505.2	504.8	504.5	504.1
132.5°	532.4	532.8	532.6	532.2	531.9	531.5	531.1	531.1	531.1	531.1	531.1
135°	557.9	558.3	558.2	557.9	557.7	557.4	557.2	557.0	556.7	556.5	556.2
137.5°	581.7	582.1	582.0	581.7	581.5	581.2	581.0	581.0	581.0	581.0	581.0
140°	603.0	603.1	603.0	602.9	602.8	602.6	602.5	602.8	603.0	603.3	603.6
142.5°	623.4	623.5	623.6	623.9	624.1	624.4	624.6	624.6	624.6	624.6	624.6
145°	644.4	644.5	644.5	644.5	644.5	644.5	644.5	644.6	644.8	644.9	645.0
147.5°	661.5	661.5	661.6	661.7	661.8	662.0	662.1	662.2	662.3	662.4	662.5
150°	677.5	677.4	677.5	677.8	678.0	678.3	678.5	678.7	679.0	679.2	679.5
152.5°	692.4	692.1	692.2	692.5	692.7	693.0	693.2	693.5	693.7	694.0	694.3
155°	705.5	705.1	705.2	705.5	705.8	706.0	706.3	706.7	707.1	707.4	707.8
157.5°	717.8	717.6	717.6	717.6	717.6	717.6	717.6	718.0	718.4	718.7	719.1
160°	727.6	727.2	727.3	727.4	727.5	727.7	727.8	728.3	728.8	729.3	729.8
162.5°	736.7	736.3	736.4	736.5	736.6	736.8	736.9	737.7	738.4	739.2	739.9
165°	744.7	744.3	744.4	744.5	744.6	744.7	744.8	745.6	746.3	747.1	747.8
167.5°	750.9	750.5	750.6	750.7	750.8	751.0	751.1	752.0	752.8	753.7	754.6
170°	755.4	755.0	755.1	755.2	755.3	755.5	755.6	756.6	757.6	758.6	759.6
172.5°	758.8	758.4	758.5	758.8	759.1	759.3	759.6	760.5	761.3	762.2	763.1
175°	761.7	761.3	761.4	761.5	761.6	761.7	761.8	762.8	763.8	764.9	765.9
177.5°	763.4	763.0	763.1	763.2	763.3	763.4	763.5	764.4	765.3	766.2	767.1
180°	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7

TEST NUMBER: P1027439

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

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	12.1	12.5	12.8	13.2	13.6	13.2	12.8	12.5	12.1	11.9
92.5°	11.9	12.0	12.1	12.2	12.4	12.5	12.4	12.2	12.1	12.0	11.9
95°	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
97.5°	11.3	11.4	11.5	11.6	11.8	11.9	11.8	11.6	11.5	11.4	11.3
100°	14.2	13.9	13.4	12.9	12.4	11.9	12.4	12.9	13.4	13.9	14.2
102.5°	133.8	128.5	117.9	107.4	96.8	86.2	96.8	107.4	117.9	128.5	133.8
105°	168.9	168.8	168.7	168.6	168.4	168.3	168.4	168.6	168.7	168.8	168.9
107.5°	206.9	206.6	206.1	205.6	205.1	204.6	205.1	205.6	206.1	206.6	206.9
110°	242.0	242.1	242.2	242.3	242.5	242.6	242.5	242.3	242.2	242.1	242.0

TEST NUMBER: P1027439

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

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	277.7	277.6	277.3	277.1	276.8	276.6	276.8	277.1	277.3	277.6	277.7
115°	314.0	313.6	312.9	312.1	311.4	310.6	311.4	312.1	312.9	313.6	314.0
117.5°	348.6	348.5	348.2	348.0	347.7	347.5	347.7	348.0	348.2	348.5	348.6
120°	383.7	383.4	382.8	382.1	381.5	380.9	381.5	382.1	382.8	383.4	383.7
122.5°	416.1	415.7	415.0	414.2	413.5	412.7	413.5	414.2	415.0	415.7	416.1
125°	446.7	446.5	446.1	445.8	445.4	445.0	445.4	445.8	446.1	446.5	446.7
127.5°	476.1	475.6	474.6	473.6	472.6	471.6	472.6	473.6	474.6	475.6	476.1
130°	503.9	503.6	503.0	502.3	501.7	501.1	501.7	502.3	503.0	503.6	503.9
132.5°	531.1	530.8	530.2	529.5	528.9	528.3	528.9	529.5	530.2	530.8	531.1
135°	556.1	555.7	555.0	554.2	553.5	552.7	553.5	554.2	555.0	555.7	556.1
137.5°	581.0	580.7	580.1	579.4	578.8	578.2	578.8	579.4	580.1	580.7	581.0
140°	603.7	603.3	602.6	601.8	601.1	600.3	601.1	601.8	602.6	603.3	603.7
142.5°	624.6	624.2	623.5	622.7	622.0	621.2	622.0	622.7	623.5	624.2	624.6
145°	645.1	644.7	644.0	643.2	642.5	641.7	642.5	643.2	644.0	644.7	645.1
147.5°	662.6	662.2	661.3	660.4	659.6	658.7	659.6	660.4	661.3	662.2	662.6
150°	679.6	679.1	678.1	677.1	676.1	675.1	676.1	677.1	678.1	679.1	679.6
152.5°	694.4	694.0	693.1	692.2	691.3	690.4	691.3	692.2	693.1	694.0	694.4
155°	708.0	707.5	706.5	705.4	704.4	703.4	704.4	705.4	706.5	707.5	708.0
157.5°	719.3	718.8	717.8	716.8	715.8	714.8	715.8	716.8	717.8	718.8	719.3
160°	730.1	729.6	728.6	727.5	726.5	725.5	726.5	727.5	728.6	729.6	730.1
162.5°	740.3	739.7	738.6	737.5	736.3	735.2	736.3	737.5	738.6	739.7	740.3
165°	748.2	747.7	746.7	745.7	744.7	743.7	744.7	745.7	746.7	747.7	748.2
167.5°	755.0	754.4	753.3	752.2	751.0	749.9	751.0	752.2	753.3	754.4	755.0
170°	760.1	759.5	758.4	757.3	756.1	755.0	756.1	757.3	758.4	759.5	760.1
172.5°	763.5	762.9	761.8	760.7	759.5	758.4	759.5	760.7	761.8	762.9	763.5
175°	766.4	765.8	764.7	763.6	762.4	761.3	762.4	763.6	764.7	765.8	766.4
177.5°	767.5	767.0	766.0	765.0	764.0	763.0	764.0	765.0	766.0	767.0	767.5
180°	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7

TEST NUMBER: P1027439

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

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°	11.6	11.0	10.3	9.7	9.1	8.2	7.3	6.4	5.5	5.1	4.6
92.5°	11.6	11.0	10.3	9.7	9.1	8.3	7.6	6.8	6.1	5.7	6.3
95°	11.6	11.0	10.3	9.7	9.1	13.9	18.7	23.4	28.2	30.6	30.8
97.5°	11.2	10.9	10.7	10.4	10.2	22.2	34.2	46.1	58.1	64.1	63.7
100°	23.6	42.3	61.1	79.8	98.6	98.1	97.6	97.1	96.6	96.4	96.2
102.5°	133.7	133.4	133.1	132.9	132.6	132.4	132.1	131.9	131.6	131.5	131.2
105°	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.9	168.6
107.5°	206.8	206.7	206.6	206.4	206.3	206.1	205.8	205.6	205.3	205.2	205.2
110°	242.2	242.6	242.9	243.3	243.7	243.5	243.2	243.0	242.7	242.6	242.6

TEST NUMBER: P1027439

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

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	278.0	278.5	279.0	279.5	280.0	279.9	279.7	279.6	279.5	279.4	279.2
115°	314.3	314.8	315.3	315.8	316.3	316.2	316.0	315.9	315.8	315.7	315.4
117.5°	349.0	349.7	350.5	351.2	352.0	351.5	351.0	350.5	350.0	349.7	349.7
120°	383.8	384.1	384.4	384.6	384.9	384.5	384.1	383.8	383.4	383.2	383.3
122.5°	416.2	416.5	416.7	417.0	417.2	417.1	416.9	416.8	416.7	416.6	416.3
125°	446.9	447.4	447.9	448.4	448.9	448.9	448.9	448.9	448.9	448.9	448.5
127.5°	476.2	476.5	476.8	477.0	477.3	477.4	477.5	477.6	477.7	477.8	477.5
130°	504.1	504.5	504.8	505.2	505.6	505.5	505.3	505.2	505.1	505.0	504.7
132.5°	531.1	531.1	531.1	531.1	531.1	531.5	531.9	532.2	532.6	532.8	532.4
135°	556.2	556.5	556.7	557.0	557.2	557.4	557.7	557.9	558.2	558.3	557.9
137.5°	581.0	581.0	581.0	581.0	581.0	581.2	581.5	581.7	582.0	582.1	581.7
140°	603.6	603.3	603.0	602.8	602.5	602.6	602.8	602.9	603.0	603.1	603.0
142.5°	624.6	624.6	624.6	624.6	624.6	624.4	624.1	623.9	623.6	623.5	623.4
145°	645.0	644.9	644.8	644.6	644.5	644.5	644.5	644.5	644.5	644.5	644.4
147.5°	662.5	662.4	662.3	662.2	662.1	662.0	661.8	661.7	661.6	661.5	661.5
150°	679.5	679.2	679.0	678.7	678.5	678.3	678.0	677.8	677.5	677.4	677.5
152.5°	694.3	694.0	693.7	693.5	693.2	693.0	692.7	692.5	692.2	692.1	692.4
155°	707.8	707.4	707.1	706.7	706.3	706.0	705.8	705.5	705.2	705.1	705.5
157.5°	719.1	718.7	718.4	718.0	717.6	717.6	717.6	717.6	717.6	717.6	717.8
160°	729.8	729.3	728.8	728.3	727.8	727.7	727.5	727.4	727.3	727.2	727.6
162.5°	739.9	739.2	738.4	737.7	736.9	736.8	736.6	736.5	736.4	736.3	736.7
165°	747.8	747.1	746.3	745.6	744.8	744.7	744.6	744.5	744.4	744.3	744.7
167.5°	754.6	753.7	752.8	752.0	751.1	751.0	750.8	750.7	750.6	750.5	750.9
170°	759.6	758.6	757.6	756.6	755.6	755.5	755.3	755.2	755.1	755.0	755.4
172.5°	763.1	762.2	761.3	760.5	759.6	759.3	759.1	758.8	758.5	758.4	758.8
175°	765.9	764.9	763.8	762.8	761.8	761.7	761.6	761.5	761.4	761.3	761.7
177.5°	767.1	766.2	765.3	764.4	763.5	763.4	763.3	763.2	763.1	763.0	763.4
180°	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7	764.7

TEST NUMBER: P1027439

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

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°	3.6	2.6	1.6	0.6
92.5°	7.4	8.5	9.7	10.8
95°	31.2	31.5	31.9	32.3
97.5°	63.0	62.2	61.5	60.7
100°	95.8	95.5	95.1	94.7
102.5°	130.7	130.2	129.7	129.2
105°	168.1	167.6	167.1	166.6
107.5°	205.2	205.2	205.2	205.2
110°	242.6	242.6	242.6	242.6

TEST NUMBER: P1027439

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

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	278.8	278.5	278.1	277.7
115°	314.8	314.1	313.5	312.9
117.5°	349.7	349.7	349.7	349.7
120°	383.4	383.5	383.6	383.7
122.5°	415.7	415.0	414.4	413.8
125°	447.6	446.7	445.9	445.0
127.5°	476.9	476.2	475.6	475.0
130°	504.1	503.4	502.8	502.2
132.5°	531.7	530.9	530.2	529.4
135°	557.2	556.4	555.7	554.9
137.5°	581.0	580.2	579.5	578.7
140°	602.7	602.5	602.2	602.0
142.5°	623.3	623.2	623.0	622.9
145°	644.1	643.9	643.6	643.4
147.5°	661.5	661.5	661.5	661.5
150°	677.8	678.0	678.3	678.5
152.5°	693.0	693.7	694.3	694.9
155°	706.2	707.0	707.7	708.5
157.5°	718.2	718.5	718.9	719.3
160°	728.3	729.1	729.8	730.6
162.5°	737.4	738.2	738.9	739.7
165°	745.4	746.2	746.9	747.7
167.5°	751.6	752.4	753.1	753.9
170°	756.3	757.2	758.1	759.0
172.5°	759.7	760.6	761.5	762.4
175°	762.4	763.2	763.9	764.7
177.5°	764.1	764.9	765.6	766.4
180°	764.7	764.7	764.7	764.7

(END OF REPORT)