

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: P1027459

Luminaire Tested: S125DIP-B1090D610UB35-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027459
REPORT IS A COMBINATION OF REPORTS P1001434 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B1090D610UB35-4F0-XX-W2A-A4
Description: Define 5 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

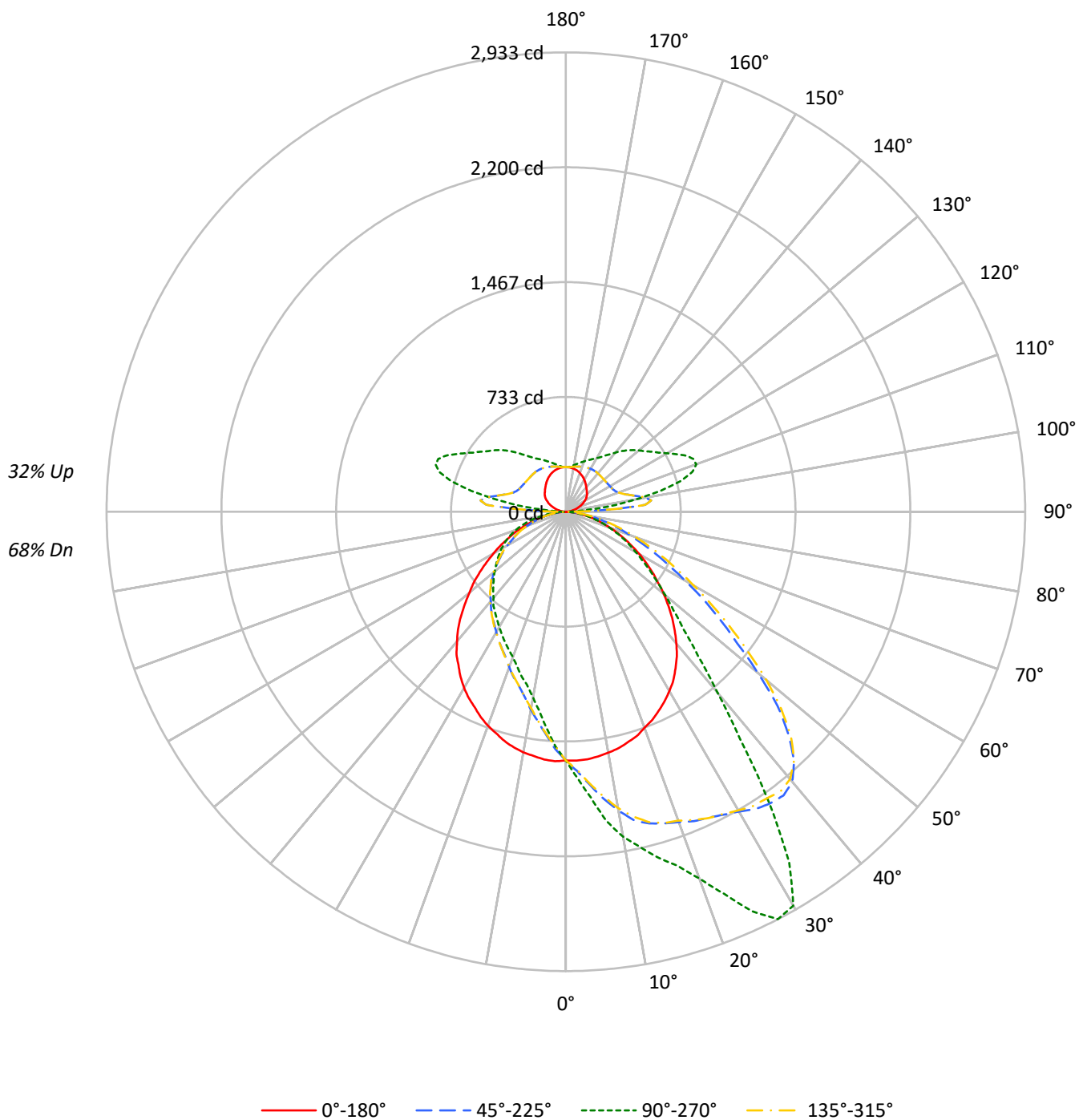
Lumens per Lamp: N/A
Luminaire Lumens: 6620.0 lumens
Efficiency: N/A
Efficacy: 106.4 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	111	111	111	111	105	105	105	105	93	93	93	82	82	82	72	72	72	65	63	62	58
1	102	98	94	90	96	92	89	86	82	80	77	73	71	69	65	63	62	57	55	52	49
2	93	86	80	74	88	81	76	71	72	68	65	65	61	58	57	55	52	51	48	45	42
3	85	76	68	62	80	72	65	60	64	59	55	57	53	50	51	48	45	46	42	39	36
4	78	67	59	53	73	64	56	51	57	51	47	51	47	43	46	42	39	41	37	34	31
5	72	60	52	46	68	57	50	44	51	45	41	46	41	37	41	37	34	37	33	30	27
6	66	54	46	40	62	51	44	38	46	40	36	42	37	33	37	33	30	34	30	27	24
7	61	49	41	35	58	47	39	34	42	36	31	38	33	29	34	30	27	31	27	24	22
8	57	44	37	31	54	42	35	30	38	32	28	35	30	26	31	27	24	29	25	22	20
9	53	41	33	28	50	39	32	27	35	29	25	32	27	23	29	25	22	27	23	20	18
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°	10172	10172	10172	10172
5°	10180	11539	10188	8754
10°	10118	13153	10100	7514
15°	10044	14261	9981	6790
20°	9917	15627	9826	6199
25°	9804	17905	9625	5848
30°	9642	18890	9475	5531
35°	9386	15143	9189	5277
40°	8987	10466	8855	5007
45°	8483	7792	8387	4783
50°	7905	6414	7774	4604
55°	7282	5471	7224	4449
60°	6671	4683	6555	4329
65°	6012	4045	5915	4152
70°	5315	3358	5245	3846
75°	4578	2597	4517	3339
80°	3616	1757	3484	2454
85°	2310	879	2236	1250

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 15537 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.8	2.3
10°-20°	455.1	6.9
20°-30°	739.3	11.2
30°-40°	903.5	13.6
40°-50°	819.6	12.4
50°-60°	652.8	9.9
60°-70°	454.6	6.9
70°-80°	242.2	3.7
80°-90°	61.2	0.9
90°-100°	207.1	3.1
100°-110°	446.7	6.7
110°-120°	416.4	6.3
120°-130°	337.3	5.1
130°-140°	270.8	4.1
140°-150°	204.3	3.1
150°-160°	143.9	2.2
160°-170°	84.8	1.3
170°-180°	27.6	0.4
0°-30°	1347.2	20.4
0°-40°	2250.7	34.0
0°-60°	3723.1	56.2
0°-90°	4481.1	67.7
90°-120°	1070.3	16.2
90°-150°	1882.7	28.4
90°-180°	2139.0	32.3
0°-180°	6620.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1588	1588	1588	1588	1588	
5°	1586	1832	1588	1390	1586	151
15°	1524	2287	1515	1089	1524	430
25°	1403	2814	1377	919	1403	646
35°	1221	2259	1195	787	1221	762
45°	960	1065	949	654	960	739
55°	675	656	670	534	675	604
65°	418	403	411	414	418	415
75°	202	198	200	255	202	215
85°	40	44	39	63	40	48
90°	1	13	1	13	1	4
95°	19	135	19	135	19	20
105°	65	761	65	761	65	68
115°	116	847	116	847	116	114
125°	161	668	161	668	161	143
135°	188	555	188	555	188	146
145°	219	438	219	438	219	137
155°	250	367	250	367	250	115
165°	273	322	273	322	273	77
175°	284	289	284	289	284	27
180°	285	285	285	285	285	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6
2.5°	1590.3	1599.7	1610.5	1618.6	1632.1	1636.1	1642.9	1646.9	1651.0	1655.0	1657.7
5°	1586.3	1609.2	1629.4	1644.2	1669.8	1679.3	1691.4	1706.2	1723.7	1738.6	1748.0
7.5°	1575.5	1611.9	1638.8	1668.5	1703.5	1726.4	1738.6	1769.5	1797.9	1819.4	1847.7
10°	1562.0	1605.1	1646.9	1691.4	1741.2	1766.9	1791.1	1834.2	1873.3	1908.4	1936.7
12.5°	1547.2	1599.7	1649.6	1707.6	1774.9	1805.9	1822.1	1896.2	1944.8	1963.6	2018.9
15°	1524.3	1586.3	1657.7	1729.1	1785.7	1822.1	1866.6	1925.9	1974.4	2016.2	2060.7
17.5°	1502.7	1570.1	1642.9	1722.4	1804.6	1851.8	1885.5	1938.0	1990.6	2044.5	2086.3
20°	1467.7	1555.3	1629.4	1714.3	1811.3	1845.0	1880.1	1942.1	1998.7	2056.6	2109.2
22.5°	1439.4	1522.9	1624.0	1704.9	1787.1	1820.8	1863.9	1928.6	1996.0	2062.0	2138.8
25°	1403.0	1496.0	1583.6	1669.8	1754.7	1791.1	1830.2	1913.8	1983.8	2068.7	2153.6
27.5°	1363.9	1459.6	1547.2	1625.3	1704.9	1754.7	1796.5	1884.1	1977.1	2070.1	2180.6
30°	1322.1	1412.4	1496.0	1572.8	1660.4	1711.6	1753.4	1855.8	1959.6	2078.2	2210.3
32.5°	1277.6	1362.5	1434.0	1512.1	1605.1	1652.3	1708.9	1820.8	1943.4	2084.9	2250.7
35°	1221.0	1301.9	1365.2	1444.8	1537.7	1598.4	1657.7	1783.0	1925.9	2083.6	2273.6
37.5°	1164.4	1227.8	1288.4	1373.3	1481.1	1536.4	1598.4	1735.9	1898.9	2079.5	2283.0
40°	1097.0	1159.0	1211.6	1297.8	1411.1	1474.4	1539.1	1683.3	1867.9	2064.7	2249.3
42.5°	1029.7	1082.2	1140.2	1230.5	1339.6	1407.0	1475.7	1636.1	1827.5	2021.6	2156.3
45°	959.6	1000.0	1063.3	1145.6	1261.5	1326.2	1404.3	1578.2	1770.9	1943.4	2010.8
47.5°	886.8	927.2	986.5	1066.0	1180.6	1257.4	1331.5	1505.4	1699.5	1832.9	1832.9
50°	816.7	849.1	907.0	986.5	1102.4	1172.5	1248.0	1432.6	1589.0	1687.3	1599.7
52.5°	741.2	777.6	826.1	909.7	1024.3	1087.6	1169.8	1327.5	1475.7	1516.2	1381.4
55°	675.2	704.9	750.7	830.2	936.7	1002.7	1072.8	1223.7	1349.1	1346.4	1202.2
57.5°	606.5	630.7	679.2	752.0	850.4	909.7	979.8	1110.5	1212.9	1176.6	1040.4
60°	543.1	560.6	607.8	667.1	761.5	816.7	884.1	990.6	1068.7	1017.5	880.1
62.5°	477.1	497.3	535.0	593.0	676.6	721.0	770.9	878.7	928.6	882.8	742.6
65°	417.8	434.0	467.7	516.2	591.6	632.1	675.2	764.2	811.3	745.3	629.4
67.5°	358.5	377.4	401.6	444.7	504.0	541.8	579.5	656.3	677.9	618.6	521.6
70°	303.2	319.4	342.3	373.3	423.2	456.9	485.2	548.5	563.3	508.1	431.3
72.5°	249.3	260.1	279.0	304.6	350.4	369.3	398.9	442.1	460.9	411.1	355.8
75°	202.2	210.2	222.4	241.2	272.2	292.5	316.7	357.1	355.8	320.8	281.7
77.5°	156.3	157.7	171.2	188.7	207.5	225.1	237.2	265.5	268.2	246.6	214.3
80°	111.9	115.9	121.3	134.8	150.9	157.7	172.5	190.0	192.7	176.6	155.0
82.5°	71.4	74.1	78.2	86.3	97.0	105.1	113.2	119.9	126.7	117.3	99.7
85°	40.4	41.8	45.8	48.5	53.9	58.0	64.7	71.4	70.1	63.3	58.0
87.5°	20.2	20.2	20.2	22.9	25.6	25.6	28.3	29.6	31.0	28.3	25.6
90°	0.6	1.1	2.3	3.4	4.6	5.2	5.7	6.3	7.5	8.0	9.2
92.5°	8.6	10.3	16.1	24.7	36.7	47.0	57.4	96.5	161.9	233.1	229.1
95°	18.9	19.5	24.1	30.4	43.1	56.0	68.9	130.3	256.6	415.1	508.7
97.5°	29.3	29.9	33.3	39.6	51.1	60.6	70.0	112.5	209.6	380.6	549.4
100°	40.2	41.3	43.6	49.9	60.9	69.5	78.1	111.4	186.0	330.7	518.4
102.5°	52.2	52.8	54.5	61.4	71.2	79.5	87.8	116.5	176.3	292.8	463.9
105°	64.9	64.9	67.7	73.5	82.7	90.7	98.7	124.0	175.1	271.0	416.2
107.5°	76.9	78.1	81.0	85.5	95.3	102.5	109.7	134.3	179.1	259.5	380.6
110°	90.1	91.3	93.6	98.7	107.4	114.8	122.3	145.8	185.4	254.9	357.1



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	103.3	104.5	106.2	111.4	120.0	127.2	134.3	156.7	193.5	254.9	343.3
115°	116.0	117.1	118.8	124.0	132.6	139.8	147.0	168.2	201.5	256.6	334.1
117.5°	127.5	129.2	130.9	136.1	145.8	152.7	159.6	179.7	210.7	259.5	329.0
120°	138.9	140.7	143.0	148.1	157.9	165.0	172.2	192.3	219.9	264.1	325.5
122.5°	151.0	152.1	153.9	159.0	169.9	177.1	184.3	204.4	230.2	268.1	322.7
125°	160.8	161.9	164.8	169.9	180.8	188.3	195.8	214.7	239.4	272.7	320.4
127.5°	168.8	170.5	174.0	180.3	191.8	199.2	206.7	225.1	248.0	277.9	319.2
130°	176.3	178.0	182.6	190.0	202.1	209.6	217.0	234.8	256.6	282.5	318.1
132.5°	182.0	184.3	190.0	198.6	211.3	218.8	226.2	244.0	264.1	287.6	318.1
135°	188.3	190.6	197.5	206.7	218.7	226.4	234.2	252.0	271.0	292.2	318.1
137.5°	196.4	198.1	204.4	213.6	225.6	233.6	241.7	257.8	276.2	296.8	318.6
140°	203.2	205.0	211.9	221.0	231.9	239.6	247.4	264.1	281.3	299.7	319.2
142.5°	211.3	212.4	218.7	227.9	238.3	245.4	252.6	268.1	284.2	301.4	319.8
145°	219.3	220.5	226.2	234.2	244.6	251.2	257.8	272.7	287.1	302.6	319.2
147.5°	227.9	228.5	233.7	241.1	250.3	256.4	262.4	275.6	288.8	303.1	318.1
150°	235.4	236.5	240.6	248.0	256.1	261.0	265.8	278.5	290.5	303.1	316.3
152.5°	243.4	244.0	247.4	253.8	261.2	265.5	269.8	281.3	291.7	302.6	314.0
155°	250.3	250.3	253.8	259.5	265.2	269.2	273.3	283.0	292.2	301.4	311.2
157.5°	256.6	256.6	259.5	264.7	269.8	273.0	276.2	284.8	292.8	300.3	308.3
160°	262.9	262.4	264.7	268.7	273.3	275.9	278.5	285.9	292.8	298.5	305.4
162.5°	268.1	267.5	269.8	273.3	276.7	278.7	280.7	287.1	292.2	296.8	302.0
165°	273.3	272.1	273.9	276.7	279.0	280.8	282.5	287.1	291.7	295.1	298.5
167.5°	276.7	276.2	277.3	279.0	280.7	281.8	283.0	287.1	290.5	292.2	295.1
170°	280.2	279.6	280.2	281.3	282.5	283.4	284.2	287.1	289.4	290.5	292.2
172.5°	282.5	281.3	281.9	283.0	283.6	283.9	284.2	286.5	288.2	288.2	288.8
175°	284.2	283.0	283.6	284.2	284.2	284.2	284.2	285.9	287.1	286.5	286.5
177.5°	285.3	284.2	284.2	284.8	284.2	284.2	284.2	285.3	285.9	284.8	284.8
180°	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6
2.5°	1660.4	1669.8	1677.9	1684.6	1690.0	1698.1	1692.7	1694.1	1696.8	1702.2	1702.2
5°	1768.2	1783.0	1791.1	1818.1	1824.8	1823.5	1819.4	1841.0	1839.6	1831.5	1830.2
7.5°	1873.3	1898.9	1921.8	1943.4	1950.1	1967.7	1971.7	1981.1	1978.4	1991.9	1985.2
10°	1969.0	2009.4	2031.0	2063.4	2071.4	2079.5	2090.3	2095.7	2107.8	2106.5	2106.5
12.5°	2043.1	2091.7	2120.0	2128.0	2159.0	2168.5	2177.9	2195.4	2191.4	2192.7	2200.8
15°	2101.1	2148.3	2172.5	2210.3	2231.8	2242.6	2258.8	2277.6	2274.9	2287.1	2284.4
17.5°	2144.2	2188.7	2233.2	2289.8	2291.1	2319.4	2357.2	2365.2	2382.8	2370.6	2370.6
20°	2179.3	2238.6	2301.9	2374.7	2382.8	2400.3	2446.1	2477.1	2497.3	2490.6	2494.6
22.5°	2217.0	2301.9	2376.0	2448.8	2487.9	2518.9	2563.4	2611.9	2629.4	2640.2	2637.5
25°	2265.5	2354.5	2463.6	2564.7	2605.1	2664.4	2723.7	2770.9	2784.4	2814.0	2787.1
27.5°	2315.4	2440.7	2576.8	2695.4	2746.6	2795.2	2866.6	2901.6	2919.2	2932.6	2923.2
30°	2357.2	2529.7	2677.9	2787.1	2823.5	2851.8	2892.2	2900.3	2893.5	2904.3	2917.8
32.5°	2421.8	2590.3	2715.6	2768.2	2764.2	2762.8	2731.8	2688.7	2679.3	2653.7	2688.7
35°	2456.9	2591.7	2640.2	2570.1	2541.8	2490.6	2392.2	2327.5	2270.9	2258.8	2261.5
37.5°	2436.7	2489.2	2431.3	2246.6	2200.8	2122.7	1991.9	1900.3	1858.5	1826.2	1867.9
40°	2327.5	2269.6	2110.5	1885.5	1819.4	1745.3	1622.6	1572.8	1513.5	1501.4	1556.6
42.5°	2146.9	1970.4	1745.3	1571.4	1502.7	1460.9	1358.5	1311.3	1269.5	1250.7	1281.7
45°	1901.6	1687.3	1460.9	1318.1	1260.1	1210.2	1149.6	1099.7	1072.8	1064.7	1090.3
47.5°	1648.3	1421.8	1241.2	1134.8	1074.1	1036.4	979.8	951.5	929.9	932.6	936.7
50°	1405.7	1199.5	1060.7	954.2	924.5	894.9	857.1	832.9	822.1	826.1	823.5
52.5°	1196.8	1029.7	912.4	830.2	816.7	788.4	757.4	737.2	733.2	734.5	738.5
55°	1013.5	882.8	789.8	730.5	715.6	695.4	676.6	663.1	652.3	656.3	655.0
57.5°	874.7	760.1	688.7	640.2	629.4	617.3	599.7	593.0	589.0	580.9	587.6
60°	752.0	659.0	597.0	567.4	558.0	549.9	531.0	522.9	520.2	516.2	527.0
62.5°	636.1	570.1	522.9	496.0	486.5	478.4	469.0	462.3	463.6	458.2	463.6
65°	544.5	490.6	456.9	432.6	420.5	415.1	413.7	403.0	401.6	403.0	404.3
67.5°	459.6	413.7	388.1	373.3	363.9	358.5	354.4	347.7	353.1	349.1	351.8
70°	382.8	351.8	324.8	310.0	305.9	307.3	300.5	297.8	299.2	296.5	299.2
72.5°	308.6	283.0	272.2	261.5	256.1	254.7	250.7	246.6	250.7	249.3	249.3
75°	246.6	227.8	215.6	208.9	208.9	206.2	199.5	199.5	199.5	198.1	199.5
77.5°	190.0	173.9	168.5	161.7	161.7	157.7	156.3	156.3	153.6	157.7	155.0
80°	141.5	129.4	121.3	117.3	117.3	115.9	113.2	111.9	113.2	111.9	111.9
82.5°	91.6	86.3	82.2	78.2	76.8	78.2	76.8	74.1	75.5	74.1	76.8
85°	52.6	47.2	47.2	44.5	45.8	43.1	44.5	41.8	40.4	44.5	41.8
87.5°	22.9	21.6	21.6	18.9	18.9	18.9	17.5	18.9	17.5	16.2	17.5
90°	9.8	10.3	10.9	11.5	12.0	12.6	12.6	12.6	13.2	13.2	13.2
92.5°	184.9	124.6	89.6	66.6	61.2	55.7	46.5	44.8	43.6	42.5	43.6
95°	497.8	412.8	325.5	254.9	230.8	206.7	165.9	148.7	144.1	134.9	144.1
97.5°	621.8	591.9	522.5	451.3	416.8	382.4	347.9	318.1	302.6	295.7	302.6
100°	662.0	706.2	678.0	618.9	589.0	559.2	519.6	478.2	457.0	447.8	457.0
102.5°	637.9	744.6	773.3	752.7	734.9	717.1	674.0	647.6	624.1	617.8	624.1
105°	581.0	718.8	797.5	822.7	819.6	816.4	798.0	779.1	767.6	760.7	767.6
107.5°	527.0	666.0	769.9	830.8	843.4	856.0	861.2	858.3	852.6	846.8	852.6
110°	482.3	606.3	715.4	796.3	820.7	845.1	870.9	881.9	885.9	885.9	885.9

TEST NUMBER: P1027459

CATALOG NUMBER: S125DIP-B1090D610UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	449.0	559.2	661.4	743.5	773.4	803.2	844.0	864.6	876.1	881.3	876.1
115°	426.6	521.3	610.3	688.9	720.2	751.5	796.3	823.9	839.9	847.4	839.9
117.5°	411.6	494.9	573.5	642.4	672.0	701.6	746.9	775.6	791.7	796.3	791.7
120°	399.6	474.2	543.1	606.3	631.6	656.8	699.3	726.8	742.3	746.9	742.3
122.5°	389.3	458.7	521.3	575.8	599.1	622.4	659.1	683.8	699.3	703.3	699.3
125°	380.1	443.8	502.4	552.3	573.0	593.6	625.8	649.3	662.0	667.7	662.0
127.5°	371.5	428.3	484.0	531.1	550.6	570.1	599.4	620.6	632.7	635.0	632.7
130°	362.8	413.9	464.5	509.2	527.9	546.6	575.3	594.2	605.7	609.1	605.7
132.5°	356.0	399.6	446.1	485.7	503.5	521.3	550.0	569.0	579.3	583.3	579.3
135°	350.8	387.5	427.1	463.9	480.2	496.6	521.9	540.8	551.2	554.6	551.2
137.5°	345.6	376.6	409.9	441.5	455.8	470.2	493.2	511.0	520.7	524.7	520.7
140°	342.2	368.0	395.0	421.4	433.4	445.5	466.8	481.7	490.3	493.2	490.3
142.5°	339.3	360.5	382.4	404.2	414.2	424.3	441.5	453.6	461.6	463.9	461.6
145°	336.4	354.2	372.0	389.8	397.6	405.3	419.1	428.9	435.2	437.5	435.2
147.5°	333.6	347.9	362.8	377.2	383.2	389.3	400.7	408.8	412.8	413.9	412.8
150°	330.1	342.8	355.4	366.3	371.5	376.6	385.2	392.1	394.4	395.0	394.4
152.5°	326.1	337.0	347.9	357.7	361.4	365.1	372.0	377.2	379.5	380.1	379.5
155°	321.5	331.3	340.5	348.5	351.6	354.8	360.5	364.6	366.3	366.9	366.3
157.5°	317.5	325.5	333.6	339.9	342.4	345.0	349.6	353.1	354.8	354.8	354.8
160°	312.3	319.8	325.5	331.3	333.3	335.3	339.3	342.2	343.3	342.8	343.3
162.5°	307.7	313.5	318.6	323.2	325.0	326.7	329.5	331.8	331.8	331.8	331.8
165°	303.1	307.7	311.7	315.2	316.6	318.1	320.4	321.5	321.5	321.5	321.5
167.5°	298.5	302.0	304.9	307.7	308.8	310.0	311.2	312.3	311.7	311.7	311.7
170°	294.5	297.4	299.1	300.8	301.4	302.0	303.1	303.7	303.7	303.1	303.7
172.5°	290.5	292.2	294.0	295.1	295.4	295.7	295.7	296.8	295.7	295.1	295.7
175°	287.1	288.8	288.8	289.9	289.9	289.9	289.9	290.5	289.4	288.8	289.4
177.5°	285.3	285.9	286.5	286.5	286.5	286.5	285.9	286.5	284.8	284.8	284.8
180°	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8

TEST NUMBER: P1027459

CATALOG NUMBER: S125DIP-B1090D610UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6
2.5°	1699.5	1690.0	1692.7	1690.0	1683.3	1679.3	1668.5	1655.0	1649.6	1642.9	1638.8
5°	1835.6	1828.8	1827.5	1816.7	1814.0	1797.9	1770.9	1757.4	1741.2	1725.1	1708.9
7.5°	1983.8	1975.7	1948.8	1944.8	1947.4	1927.2	1892.2	1865.2	1831.5	1808.6	1777.6
10°	2106.5	2090.3	2067.4	2068.7	2059.3	2032.4	1997.3	1969.0	1920.5	1890.8	1846.4
12.5°	2180.6	2167.1	2164.4	2151.0	2142.9	2107.8	2066.0	2029.7	1993.3	1952.8	1919.1
15°	2270.9	2253.4	2241.2	2222.4	2217.0	2180.6	2134.8	2093.0	2051.2	2013.5	1942.1
17.5°	2370.6	2351.8	2305.9	2301.9	2269.6	2234.5	2190.0	2128.0	2083.6	2029.7	1977.1
20°	2483.8	2456.9	2397.6	2382.8	2357.2	2299.2	2238.6	2169.8	2098.4	2043.1	1981.1
22.5°	2610.5	2563.4	2520.2	2473.1	2454.2	2382.8	2299.2	2215.6	2129.4	2053.9	1979.8
25°	2774.9	2712.9	2652.3	2605.1	2572.8	2479.8	2367.9	2257.4	2157.7	2059.3	1962.3
27.5°	2904.3	2850.4	2784.4	2722.4	2680.6	2570.1	2442.1	2299.2	2175.2	2055.3	1951.5
30°	2913.8	2897.6	2857.2	2823.5	2777.6	2659.0	2517.5	2355.8	2202.2	2056.6	1929.9
32.5°	2737.2	2769.6	2787.1	2792.5	2783.0	2714.3	2584.9	2407.0	2226.4	2044.5	1911.1
35°	2357.2	2443.4	2549.9	2590.3	2629.4	2665.8	2598.4	2443.4	2234.5	2041.8	1881.4
37.5°	1940.7	2018.9	2195.4	2276.3	2322.1	2466.3	2521.6	2438.0	2250.7	2044.5	1853.1
40°	1566.0	1690.0	1816.7	1925.9	1997.3	2159.0	2330.2	2349.1	2227.8	2018.9	1816.7
42.5°	1318.1	1390.8	1486.5	1587.6	1651.0	1842.3	2074.1	2210.3	2156.3	1977.1	1772.2
45°	1122.6	1176.6	1266.9	1300.5	1381.4	1564.7	1810.0	2006.7	2033.7	1911.1	1721.0
47.5°	963.6	1009.4	1067.4	1109.2	1173.9	1311.3	1518.9	1735.9	1865.2	1820.8	1649.6
50°	849.1	886.8	935.3	959.6	1001.4	1125.3	1281.7	1497.3	1671.2	1686.0	1556.6
52.5°	753.4	774.9	812.7	839.6	873.3	948.8	1090.3	1268.2	1463.6	1544.5	1442.1
55°	669.8	687.3	721.0	738.5	756.1	820.8	931.3	1093.0	1276.3	1382.8	1324.8
57.5°	594.3	609.2	637.5	653.6	663.1	725.1	810.0	936.7	1101.1	1230.5	1198.1
60°	532.3	545.8	562.0	574.1	584.9	636.1	695.4	797.8	944.7	1070.1	1062.0
62.5°	466.3	478.4	496.0	508.1	517.5	549.9	599.7	677.9	803.2	919.1	942.1
65°	408.4	417.8	429.9	435.3	447.4	471.7	512.1	582.2	684.6	788.4	804.6
67.5°	355.8	358.5	366.6	378.7	381.4	403.0	439.4	491.9	571.4	656.3	681.9
70°	299.2	303.2	310.0	319.4	324.8	338.3	369.3	404.3	473.0	547.2	566.0
72.5°	249.3	254.7	257.4	262.8	265.5	287.1	300.5	335.6	382.8	444.7	465.0
75°	202.2	207.5	208.9	211.6	214.3	223.7	242.6	264.2	303.2	343.7	370.6
77.5°	160.4	159.0	161.7	165.8	164.4	172.5	184.6	203.5	229.1	262.8	280.3
80°	113.2	113.2	117.3	121.3	119.9	128.0	132.1	145.6	167.1	188.7	195.4
82.5°	75.5	75.5	79.5	79.5	82.2	83.6	88.9	95.7	113.2	124.0	128.0
85°	43.1	43.1	44.5	44.5	44.5	47.2	51.2	53.9	59.3	66.0	68.7
87.5°	17.5	18.9	18.9	18.9	18.9	21.6	21.6	24.3	25.6	28.3	28.3
90°	12.6	12.6	12.6	12.0	11.5	10.9	10.3	9.8	9.2	8.0	7.5
92.5°	44.8	46.5	55.7	61.2	66.6	89.6	124.6	184.9	229.1	233.1	161.9
95°	148.7	165.9	206.7	230.8	254.9	325.5	412.8	497.8	508.7	415.1	256.6
97.5°	318.1	347.9	382.4	416.8	451.3	522.5	591.9	621.8	549.4	380.6	209.6
100°	478.2	519.6	559.2	589.0	618.9	678.0	706.2	662.0	518.4	330.7	186.0
102.5°	647.6	674.0	717.1	734.9	752.7	773.3	744.6	637.9	463.9	292.8	176.3
105°	779.1	798.0	816.4	819.6	822.7	797.5	718.8	581.0	416.2	271.0	175.1
107.5°	858.3	861.2	856.0	843.4	830.8	769.9	666.0	527.0	380.6	259.5	179.1
110°	881.9	870.9	845.1	820.7	796.3	715.4	606.3	482.3	357.1	254.9	185.4

TEST NUMBER: P1027459

CATALOG NUMBER: S125DIP-B1090D610UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	864.6	844.0	803.2	773.4	743.5	661.4	559.2	449.0	343.3	254.9	193.5
115°	823.9	796.3	751.5	720.2	688.9	610.3	521.3	426.6	334.1	256.6	201.5
117.5°	775.6	746.9	701.6	672.0	642.4	573.5	494.9	411.6	329.0	259.5	210.7
120°	726.8	699.3	656.8	631.6	606.3	543.1	474.2	399.6	325.5	264.1	219.9
122.5°	683.8	659.1	622.4	599.1	575.8	521.3	458.7	389.3	322.7	268.1	230.2
125°	649.3	625.8	593.6	573.0	552.3	502.4	443.8	380.1	320.4	272.7	239.4
127.5°	620.6	599.4	570.1	550.6	531.1	484.0	428.3	371.5	319.2	277.9	248.0
130°	594.2	575.3	546.6	527.9	509.2	464.5	413.9	362.8	318.1	282.5	256.6
132.5°	569.0	550.0	521.3	503.5	485.7	446.1	399.6	356.0	318.1	287.6	264.1
135°	540.8	521.9	496.6	480.2	463.9	427.1	387.5	350.8	318.1	292.2	271.0
137.5°	511.0	493.2	470.2	455.8	441.5	409.9	376.6	345.6	318.6	296.8	276.2
140°	481.7	466.8	445.5	433.4	421.4	395.0	368.0	342.2	319.2	299.7	281.3
142.5°	453.6	441.5	424.3	414.2	404.2	382.4	360.5	339.3	319.8	301.4	284.2
145°	428.9	419.1	405.3	397.6	389.8	372.0	354.2	336.4	319.2	302.6	287.1
147.5°	408.8	400.7	389.3	383.2	377.2	362.8	347.9	333.6	318.1	303.1	288.8
150°	392.1	385.2	376.6	371.5	366.3	355.4	342.8	330.1	316.3	303.1	290.5
152.5°	377.2	372.0	365.1	361.4	357.7	347.9	337.0	326.1	314.0	302.6	291.7
155°	364.6	360.5	354.8	351.6	348.5	340.5	331.3	321.5	311.2	301.4	292.2
157.5°	353.1	349.6	345.0	342.4	339.9	333.6	325.5	317.5	308.3	300.3	292.8
160°	342.2	339.3	335.3	333.3	331.3	325.5	319.8	312.3	305.4	298.5	292.8
162.5°	331.8	329.5	326.7	325.0	323.2	318.6	313.5	307.7	302.0	296.8	292.2
165°	321.5	320.4	318.1	316.6	315.2	311.7	307.7	303.1	298.5	295.1	291.7
167.5°	312.3	311.2	310.0	308.8	307.7	304.9	302.0	298.5	295.1	292.2	290.5
170°	303.7	303.1	302.0	301.4	300.8	299.1	297.4	294.5	292.2	290.5	289.4
172.5°	296.8	295.7	295.7	295.4	295.1	294.0	292.2	290.5	288.8	288.2	288.2
175°	290.5	289.9	289.9	289.9	289.9	288.8	288.8	287.1	286.5	286.5	287.1
177.5°	286.5	285.9	286.5	286.5	286.5	286.5	285.9	285.3	284.8	284.8	285.9
180°	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8

TEST NUMBER: P1027459

CATALOG NUMBER: S125DIP-B1090D610UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6
2.5°	1633.4	1626.7	1618.6	1618.6	1609.2	1605.1	1597.0	1594.3	1587.6	1576.8	1568.7
5°	1691.4	1673.9	1663.1	1653.6	1633.4	1618.6	1603.8	1587.6	1571.4	1552.6	1531.0
7.5°	1748.0	1715.6	1700.8	1684.6	1655.0	1624.0	1594.3	1572.8	1551.2	1521.6	1494.6
10°	1807.3	1766.9	1739.9	1718.3	1672.5	1633.4	1590.3	1559.3	1525.6	1487.9	1452.8
12.5°	1857.2	1804.6	1781.7	1741.2	1688.7	1641.5	1587.6	1540.4	1496.0	1451.5	1408.4
15°	1898.9	1849.1	1792.5	1776.3	1703.5	1636.1	1575.5	1514.8	1459.6	1415.1	1365.2
17.5°	1912.4	1849.1	1820.8	1781.7	1695.4	1625.3	1548.5	1482.5	1429.9	1363.9	1324.8
20°	1916.5	1855.8	1816.7	1780.3	1703.5	1610.5	1535.0	1454.2	1390.8	1324.8	1262.8
22.5°	1905.7	1834.2	1796.5	1761.5	1675.2	1595.7	1508.1	1419.1	1345.0	1284.4	1222.4
25°	1885.5	1801.9	1765.5	1727.8	1645.6	1558.0	1462.3	1377.4	1308.6	1235.9	1175.2
27.5°	1858.5	1762.8	1721.0	1681.9	1601.1	1518.9	1428.6	1341.0	1264.2	1187.3	1130.7
30°	1824.8	1714.3	1676.6	1625.3	1547.2	1469.0	1386.8	1299.2	1212.9	1140.2	1078.2
32.5°	1781.7	1665.8	1615.9	1567.4	1482.5	1411.1	1332.9	1250.7	1167.1	1095.7	1031.0
35°	1742.6	1610.5	1555.3	1506.7	1412.4	1336.9	1272.2	1195.4	1121.3	1047.2	989.2
37.5°	1690.0	1555.3	1489.2	1439.4	1343.7	1266.9	1206.2	1146.9	1068.7	997.3	943.4
40°	1634.8	1486.5	1424.5	1374.7	1274.9	1191.4	1133.4	1080.9	1017.5	951.5	894.9
42.5°	1584.9	1420.5	1354.5	1293.8	1192.7	1118.6	1059.3	1018.9	960.9	901.6	850.4
45°	1521.6	1350.4	1279.0	1215.6	1118.6	1037.7	981.1	948.8	905.7	847.7	803.2
47.5°	1456.9	1274.9	1200.8	1138.8	1033.7	962.3	907.0	876.0	846.4	800.5	756.1
50°	1372.0	1195.4	1128.0	1056.6	952.8	880.1	834.2	803.2	780.3	748.0	710.2
52.5°	1279.0	1113.2	1040.4	978.4	876.0	810.0	757.4	739.9	717.0	692.7	660.4
55°	1180.6	1024.3	954.2	893.5	799.2	731.8	688.7	669.8	652.3	633.4	611.9
57.5°	1082.2	931.3	865.2	811.3	723.7	659.0	624.0	598.4	586.3	575.5	558.0
60°	959.6	831.5	780.3	731.8	645.6	586.3	552.6	533.7	522.9	517.5	509.4
62.5°	851.8	746.6	690.0	642.9	574.1	521.6	489.2	474.4	465.0	462.3	452.8
65°	737.2	646.9	602.4	562.0	502.7	455.5	428.6	411.1	404.3	403.0	403.0
67.5°	629.4	556.6	512.1	483.8	432.6	390.8	365.2	358.5	354.4	349.1	347.7
70°	528.3	470.4	431.3	407.0	361.2	330.2	310.0	299.2	299.2	295.1	292.5
72.5°	439.4	381.4	355.8	335.6	297.8	270.9	256.1	253.4	243.9	242.6	242.6
75°	343.7	300.5	283.0	265.5	237.2	218.3	206.2	199.5	194.1	194.1	195.4
77.5°	258.8	229.1	212.9	199.5	179.2	167.1	157.7	155.0	149.6	149.6	149.6
80°	183.3	167.1	155.0	144.2	129.4	118.6	113.2	107.8	107.8	106.5	107.8
82.5°	118.6	105.1	98.4	97.0	83.6	79.5	72.8	74.1	70.1	68.7	71.4
85°	68.7	62.0	53.9	51.2	45.8	40.4	37.7	39.1	37.7	36.4	37.7
87.5°	27.0	22.9	21.6	21.6	17.5	16.2	14.8	16.2	13.5	13.5	14.8
90°	6.3	5.7	5.2	4.6	3.4	2.3	1.1	0.6	1.1	2.3	3.4
92.5°	96.5	57.4	47.0	36.7	24.7	16.1	10.3	8.6	10.3	16.1	24.7
95°	130.3	68.9	56.0	43.1	30.4	24.1	19.5	18.9	19.5	24.1	30.4
97.5°	112.5	70.0	60.6	51.1	39.6	33.3	29.9	29.3	29.9	33.3	39.6
100°	111.4	78.1	69.5	60.9	49.9	43.6	41.3	40.2	41.3	43.6	49.9
102.5°	116.5	87.8	79.5	71.2	61.4	54.5	52.8	52.2	52.8	54.5	61.4
105°	124.0	98.7	90.7	82.7	73.5	67.7	64.9	64.9	64.9	67.7	73.5
107.5°	134.3	109.7	102.5	95.3	85.5	81.0	78.1	76.9	78.1	81.0	85.5
110°	145.8	122.3	114.8	107.4	98.7	93.6	91.3	90.1	91.3	93.6	98.7

TEST NUMBER: P1027459

CATALOG NUMBER: S125DIP-B1090D610UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	156.7	134.3	127.2	120.0	111.4	106.2	104.5	103.3	104.5	106.2	111.4
115°	168.2	147.0	139.8	132.6	124.0	118.8	117.1	116.0	117.1	118.8	124.0
117.5°	179.7	159.6	152.7	145.8	136.1	130.9	129.2	127.5	129.2	130.9	136.1
120°	192.3	172.2	165.0	157.9	148.1	143.0	140.7	138.9	140.7	143.0	148.1
122.5°	204.4	184.3	177.1	169.9	159.0	153.9	152.1	151.0	152.1	153.9	159.0
125°	214.7	195.8	188.3	180.8	169.9	164.8	161.9	160.8	161.9	164.8	169.9
127.5°	225.1	206.7	199.2	191.8	180.3	174.0	170.5	168.8	170.5	174.0	180.3
130°	234.8	217.0	209.6	202.1	190.0	182.6	178.0	176.3	178.0	182.6	190.0
132.5°	244.0	226.2	218.8	211.3	198.6	190.0	184.3	182.0	184.3	190.0	198.6
135°	252.0	234.2	226.4	218.7	206.7	197.5	190.6	188.3	190.6	197.5	206.7
137.5°	257.8	241.7	233.6	225.6	213.6	204.4	198.1	196.4	198.1	204.4	213.6
140°	264.1	247.4	239.6	231.9	221.0	211.9	205.0	203.2	205.0	211.9	221.0
142.5°	268.1	252.6	245.4	238.3	227.9	218.7	212.4	211.3	212.4	218.7	227.9
145°	272.7	257.8	251.2	244.6	234.2	226.2	220.5	219.3	220.5	226.2	234.2
147.5°	275.6	262.4	256.4	250.3	241.1	233.7	228.5	227.9	228.5	233.7	241.1
150°	278.5	265.8	261.0	256.1	248.0	240.6	236.5	235.4	236.5	240.6	248.0
152.5°	281.3	269.8	265.5	261.2	253.8	247.4	244.0	243.4	244.0	247.4	253.8
155°	283.0	273.3	269.2	265.2	259.5	253.8	250.3	250.3	250.3	253.8	259.5
157.5°	284.8	276.2	273.0	269.8	264.7	259.5	256.6	256.6	256.6	259.5	264.7
160°	285.9	278.5	275.9	273.3	268.7	264.7	262.4	262.9	262.4	264.7	268.7
162.5°	287.1	280.7	278.7	276.7	273.3	269.8	267.5	268.1	267.5	269.8	273.3
165°	287.1	282.5	280.8	279.0	276.7	273.9	272.1	273.3	272.1	273.9	276.7
167.5°	287.1	283.0	281.8	280.7	279.0	277.3	276.2	276.7	276.2	277.3	279.0
170°	287.1	284.2	283.4	282.5	281.3	280.2	279.6	280.2	279.6	280.2	281.3
172.5°	286.5	284.2	283.9	283.6	283.0	281.9	281.3	282.5	281.3	281.9	283.0
175°	285.9	284.2	284.2	284.2	284.2	283.6	283.0	284.2	283.0	283.6	284.2
177.5°	285.3	284.2	284.2	284.2	284.8	284.2	284.2	285.3	284.2	284.2	284.8
180°	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8

TEST NUMBER: P1027459

CATALOG NUMBER: S125DIP-B1090D610UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6
2.5°	1566.0	1563.3	1556.6	1552.6	1539.1	1522.9	1517.5	1504.0	1509.4	1500.0	1500.0
5°	1524.3	1512.1	1504.0	1491.9	1466.3	1448.8	1429.9	1420.5	1415.1	1408.4	1403.0
7.5°	1470.4	1460.9	1452.8	1429.9	1401.6	1377.4	1354.5	1345.0	1327.5	1315.4	1310.0
10°	1423.2	1409.7	1390.8	1363.9	1334.2	1303.2	1283.0	1262.8	1249.3	1242.6	1227.8
12.5°	1374.7	1358.5	1338.3	1299.2	1266.9	1248.0	1211.6	1192.7	1186.0	1180.6	1163.1
15°	1324.8	1307.3	1283.0	1246.6	1218.3	1173.9	1152.3	1137.5	1121.3	1120.0	1106.5
17.5°	1280.3	1258.8	1238.5	1194.1	1159.0	1120.0	1107.8	1091.6	1076.8	1060.7	1053.9
20°	1223.7	1203.5	1188.7	1140.2	1101.1	1076.8	1056.6	1043.1	1033.7	1017.5	1014.8
22.5°	1172.5	1150.9	1130.7	1094.3	1060.7	1029.7	1005.4	990.6	986.5	979.8	967.7
25°	1122.6	1101.1	1076.8	1043.1	1008.1	986.5	965.0	955.5	947.4	936.7	927.2
27.5°	1080.9	1060.7	1037.7	996.0	966.3	950.1	927.2	916.4	905.7	900.3	896.2
30°	1031.0	1008.1	990.6	958.2	925.9	904.3	888.1	878.7	869.3	863.9	861.2
32.5°	982.5	960.9	948.8	913.8	888.1	862.5	850.4	843.7	838.3	832.9	827.5
35°	943.4	921.8	903.0	870.6	845.0	827.5	818.1	807.3	803.2	797.8	797.8
37.5°	894.9	878.7	859.8	828.8	805.9	792.5	784.4	770.9	769.5	766.8	762.8
40°	853.1	836.9	819.4	792.5	772.2	756.1	745.3	738.5	734.5	731.8	729.1
42.5°	808.6	791.1	783.0	752.0	734.5	718.3	712.9	706.2	704.9	699.5	692.7
45°	765.5	750.7	734.5	711.6	696.8	683.3	675.2	669.8	663.1	661.7	657.7
47.5°	727.8	710.2	695.4	673.9	657.7	646.9	640.2	633.4	628.0	624.0	619.9
50°	679.2	665.8	653.6	630.7	617.3	606.5	597.0	591.6	586.3	586.3	586.3
52.5°	632.1	619.9	609.2	593.0	576.8	567.4	556.6	552.6	549.9	545.8	549.9
55°	586.3	574.1	563.3	551.2	532.3	524.3	513.5	509.4	510.8	510.8	514.8
57.5°	537.7	528.3	521.6	506.7	489.2	481.1	474.4	470.4	470.4	475.7	477.1
60°	490.6	481.1	469.0	455.5	444.7	435.3	431.3	432.6	432.6	435.3	442.1
62.5°	438.0	432.6	425.9	407.0	400.3	393.5	388.1	392.2	390.8	397.6	407.0
65°	389.5	384.1	374.7	365.2	357.1	350.4	349.1	350.4	353.1	359.8	370.6
67.5°	335.6	335.6	327.5	319.4	312.7	305.9	307.3	308.6	311.3	319.4	335.6
70°	291.1	285.7	277.6	272.2	266.8	264.2	261.5	266.8	274.9	280.3	292.5
72.5°	242.6	238.5	231.8	226.4	225.1	222.4	221.0	223.7	231.8	241.2	254.7
75°	191.4	192.7	188.7	184.6	184.6	180.6	183.3	183.3	191.4	200.8	211.6
77.5°	148.2	146.9	145.6	142.9	141.5	141.5	141.5	144.2	152.3	157.7	168.5
80°	105.1	106.5	102.4	103.8	102.4	103.8	103.8	109.2	113.2	119.9	128.0
82.5°	70.1	70.1	67.4	68.7	68.7	68.7	70.1	72.8	78.2	83.6	88.9
85°	39.1	40.4	37.7	40.4	40.4	40.4	41.8	43.1	47.2	48.5	53.9
87.5°	14.8	17.5	17.5	14.8	16.2	17.5	18.9	17.5	20.2	22.9	24.3
90°	4.6	5.2	5.7	6.3	7.5	8.0	9.2	9.8	10.3	10.9	11.5
92.5°	36.7	47.0	57.4	96.5	161.9	233.1	229.1	184.9	124.6	89.6	66.6
95°	43.1	56.0	68.9	130.3	256.6	415.1	508.7	497.8	412.8	325.5	254.9
97.5°	51.1	60.6	70.0	112.5	209.6	380.6	549.4	621.8	591.9	522.5	451.3
100°	60.9	69.5	78.1	111.4	186.0	330.7	518.4	662.0	706.2	678.0	618.9
102.5°	71.2	79.5	87.8	116.5	176.3	292.8	463.9	637.9	744.6	773.3	752.7
105°	82.7	90.7	98.7	124.0	175.1	271.0	416.2	581.0	718.8	797.5	822.7
107.5°	95.3	102.5	109.7	134.3	179.1	259.5	380.6	527.0	666.0	769.9	830.8
110°	107.4	114.8	122.3	145.8	185.4	254.9	357.1	482.3	606.3	715.4	796.3

TEST NUMBER: P1027459

CATALOG NUMBER: S125DIP-B1090D610UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	120.0	127.2	134.3	156.7	193.5	254.9	343.3	449.0	559.2	661.4	743.5
115°	132.6	139.8	147.0	168.2	201.5	256.6	334.1	426.6	521.3	610.3	688.9
117.5°	145.8	152.7	159.6	179.7	210.7	259.5	329.0	411.6	494.9	573.5	642.4
120°	157.9	165.0	172.2	192.3	219.9	264.1	325.5	399.6	474.2	543.1	606.3
122.5°	169.9	177.1	184.3	204.4	230.2	268.1	322.7	389.3	458.7	521.3	575.8
125°	180.8	188.3	195.8	214.7	239.4	272.7	320.4	380.1	443.8	502.4	552.3
127.5°	191.8	199.2	206.7	225.1	248.0	277.9	319.2	371.5	428.3	484.0	531.1
130°	202.1	209.6	217.0	234.8	256.6	282.5	318.1	362.8	413.9	464.5	509.2
132.5°	211.3	218.8	226.2	244.0	264.1	287.6	318.1	356.0	399.6	446.1	485.7
135°	218.7	226.4	234.2	252.0	271.0	292.2	318.1	350.8	387.5	427.1	463.9
137.5°	225.6	233.6	241.7	257.8	276.2	296.8	318.6	345.6	376.6	409.9	441.5
140°	231.9	239.6	247.4	264.1	281.3	299.7	319.2	342.2	368.0	395.0	421.4
142.5°	238.3	245.4	252.6	268.1	284.2	301.4	319.8	339.3	360.5	382.4	404.2
145°	244.6	251.2	257.8	272.7	287.1	302.6	319.2	336.4	354.2	372.0	389.8
147.5°	250.3	256.4	262.4	275.6	288.8	303.1	318.1	333.6	347.9	362.8	377.2
150°	256.1	261.0	265.8	278.5	290.5	303.1	316.3	330.1	342.8	355.4	366.3
152.5°	261.2	265.5	269.8	281.3	291.7	302.6	314.0	326.1	337.0	347.9	357.7
155°	265.2	269.2	273.3	283.0	292.2	301.4	311.2	321.5	331.3	340.5	348.5
157.5°	269.8	273.0	276.2	284.8	292.8	300.3	308.3	317.5	325.5	333.6	339.9
160°	273.3	275.9	278.5	285.9	292.8	298.5	305.4	312.3	319.8	325.5	331.3
162.5°	276.7	278.7	280.7	287.1	292.2	296.8	302.0	307.7	313.5	318.6	323.2
165°	279.0	280.8	282.5	287.1	291.7	295.1	298.5	303.1	307.7	311.7	315.2
167.5°	280.7	281.8	283.0	287.1	290.5	292.2	295.1	298.5	302.0	304.9	307.7
170°	282.5	283.4	284.2	287.1	289.4	290.5	292.2	294.5	297.4	299.1	300.8
172.5°	283.6	283.9	284.2	286.5	288.2	288.2	288.8	290.5	292.2	294.0	295.1
175°	284.2	284.2	284.2	285.9	287.1	286.5	286.5	287.1	288.8	288.8	289.9
177.5°	284.2	284.2	284.2	285.3	285.9	284.8	284.8	285.3	285.9	286.5	286.5
180°	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8

TEST NUMBER: P1027459

CATALOG NUMBER: S125DIP-B1090D610UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6
2.5°	1505.4	1496.0	1494.6	1497.3	1491.9	1500.0	1497.3	1500.0	1493.3	1500.0	1496.0
5°	1401.6	1398.9	1393.5	1386.8	1388.1	1389.5	1396.2	1389.5	1394.9	1396.2	1403.0
7.5°	1304.6	1299.2	1303.2	1300.5	1288.4	1285.7	1288.4	1292.5	1300.5	1305.9	1310.0
10°	1226.4	1223.7	1218.3	1214.3	1207.6	1203.5	1208.9	1203.5	1214.3	1223.7	1223.7
12.5°	1167.1	1156.3	1149.6	1148.3	1133.4	1136.1	1141.5	1145.6	1157.7	1163.1	1163.1
15°	1105.1	1097.0	1094.3	1089.0	1083.6	1089.0	1086.3	1090.3	1095.7	1101.1	1103.8
17.5°	1051.2	1049.9	1051.2	1037.7	1041.8	1035.0	1036.4	1043.1	1039.1	1043.1	1051.2
20°	1002.7	1005.4	1001.4	996.0	996.0	987.9	997.3	994.6	996.0	1004.0	1016.2
22.5°	966.3	965.0	960.9	956.9	951.5	952.8	954.2	951.5	962.3	969.0	970.4
25°	927.2	924.5	923.2	919.1	913.8	919.1	917.8	919.1	921.8	932.6	924.5
27.5°	890.8	885.4	888.1	884.1	882.8	884.1	884.1	885.4	888.1	889.5	890.8
30°	859.8	854.5	853.1	850.4	849.1	850.4	853.1	850.4	861.2	859.8	859.8
32.5°	826.1	822.1	819.4	819.4	818.1	816.7	818.1	819.4	827.5	822.1	827.5
35°	793.8	791.1	791.1	788.4	787.1	787.1	787.1	792.5	789.8	793.8	793.8
37.5°	762.8	762.8	761.5	758.8	757.4	758.8	757.4	760.1	758.8	760.1	761.5
40°	730.5	727.8	726.4	726.4	722.4	718.3	722.4	722.4	723.7	727.8	729.1
42.5°	691.4	692.7	692.7	687.3	687.3	687.3	688.7	690.0	690.0	692.7	692.7
45°	657.7	655.0	655.0	655.0	652.3	653.6	656.3	656.3	656.3	656.3	653.6
47.5°	619.9	619.9	621.3	621.3	625.3	624.0	624.0	622.6	619.9	619.9	621.3
50°	584.9	589.0	590.3	590.3	591.6	593.0	593.0	590.3	589.0	584.9	584.9
52.5°	551.2	553.9	556.6	560.6	563.3	562.0	562.0	559.3	553.9	552.6	551.2
55°	514.8	518.9	524.3	528.3	532.3	533.7	533.7	528.3	522.9	516.2	516.2
57.5°	481.1	485.2	494.6	498.7	504.0	504.0	501.3	497.3	489.2	483.8	479.8
60°	447.4	454.2	460.9	469.0	475.7	477.1	473.0	467.7	458.2	451.5	446.1
62.5°	411.1	417.8	431.3	439.4	444.7	444.7	444.7	438.0	425.9	416.4	408.4
65°	376.0	382.8	394.9	405.7	409.7	413.7	409.7	403.0	393.5	382.8	374.7
67.5°	339.6	347.7	359.8	367.9	373.3	377.4	374.7	369.3	357.1	342.3	336.9
70°	299.2	303.2	320.8	328.8	336.9	339.6	336.9	328.8	316.7	300.5	295.1
72.5°	261.5	265.5	281.7	288.4	295.1	297.8	293.8	288.4	277.6	262.8	256.1
75°	218.3	225.1	233.2	243.9	252.0	254.7	250.7	246.6	233.2	223.7	218.3
77.5°	172.5	179.2	190.0	199.5	207.5	206.2	200.8	202.2	187.3	176.6	172.5
80°	130.7	136.1	144.2	152.3	156.3	156.3	155.0	149.6	144.2	136.1	129.4
82.5°	90.3	97.0	103.8	109.2	109.2	110.5	107.8	106.5	101.1	94.3	93.0
85°	53.9	55.3	60.6	60.6	66.0	63.3	62.0	66.0	60.6	56.6	55.3
87.5°	24.3	22.9	24.3	24.3	22.9	25.6	25.6	24.3	25.6	24.3	24.3
90°	12.0	12.6	12.6	12.6	13.2	13.2	13.2	12.6	12.6	12.6	12.0
92.5°	61.2	55.7	46.5	44.8	43.6	42.5	43.6	44.8	46.5	55.7	61.2
95°	230.8	206.7	165.9	148.7	144.1	134.9	144.1	148.7	165.9	206.7	230.8
97.5°	416.8	382.4	347.9	318.1	302.6	295.7	302.6	318.1	347.9	382.4	416.8
100°	589.0	559.2	519.6	478.2	457.0	447.8	457.0	478.2	519.6	559.2	589.0
102.5°	734.9	717.1	674.0	647.6	624.1	617.8	624.1	647.6	674.0	717.1	734.9
105°	819.6	816.4	798.0	779.1	767.6	760.7	767.6	779.1	798.0	816.4	819.6
107.5°	843.4	856.0	861.2	858.3	852.6	846.8	852.6	858.3	861.2	856.0	843.4
110°	820.7	845.1	870.9	881.9	885.9	885.9	885.9	881.9	870.9	845.1	820.7

TEST NUMBER: P1027459

CATALOG NUMBER: S125DIP-B1090D610UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	773.4	803.2	844.0	864.6	876.1	881.3	876.1	864.6	844.0	803.2	773.4
115°	720.2	751.5	796.3	823.9	839.9	847.4	839.9	823.9	796.3	751.5	720.2
117.5°	672.0	701.6	746.9	775.6	791.7	796.3	791.7	775.6	746.9	701.6	672.0
120°	631.6	656.8	699.3	726.8	742.3	746.9	742.3	726.8	699.3	656.8	631.6
122.5°	599.1	622.4	659.1	683.8	699.3	703.3	699.3	683.8	659.1	622.4	599.1
125°	573.0	593.6	625.8	649.3	662.0	667.7	662.0	649.3	625.8	593.6	573.0
127.5°	550.6	570.1	599.4	620.6	632.7	635.0	632.7	620.6	599.4	570.1	550.6
130°	527.9	546.6	575.3	594.2	605.7	609.1	605.7	594.2	575.3	546.6	527.9
132.5°	503.5	521.3	550.0	569.0	579.3	583.3	579.3	569.0	550.0	521.3	503.5
135°	480.2	496.6	521.9	540.8	551.2	554.6	551.2	540.8	521.9	496.6	480.2
137.5°	455.8	470.2	493.2	511.0	520.7	524.7	520.7	511.0	493.2	470.2	455.8
140°	433.4	445.5	466.8	481.7	490.3	493.2	490.3	481.7	466.8	445.5	433.4
142.5°	414.2	424.3	441.5	453.6	461.6	463.9	461.6	453.6	441.5	424.3	414.2
145°	397.6	405.3	419.1	428.9	435.2	437.5	435.2	428.9	419.1	405.3	397.6
147.5°	383.2	389.3	400.7	408.8	412.8	413.9	412.8	408.8	400.7	389.3	383.2
150°	371.5	376.6	385.2	392.1	394.4	395.0	394.4	392.1	385.2	376.6	371.5
152.5°	361.4	365.1	372.0	377.2	379.5	380.1	379.5	377.2	372.0	365.1	361.4
155°	351.6	354.8	360.5	364.6	366.3	366.9	366.3	364.6	360.5	354.8	351.6
157.5°	342.4	345.0	349.6	353.1	354.8	354.8	354.8	353.1	349.6	345.0	342.4
160°	333.3	335.3	339.3	342.2	343.3	342.8	343.3	342.2	339.3	335.3	333.3
162.5°	325.0	326.7	329.5	331.8	331.8	331.8	331.8	331.8	329.5	326.7	325.0
165°	316.6	318.1	320.4	321.5	321.5	321.5	321.5	321.5	320.4	318.1	316.6
167.5°	308.8	310.0	311.2	312.3	311.7	311.7	311.7	312.3	311.2	310.0	308.8
170°	301.4	302.0	303.1	303.7	303.7	303.1	303.7	303.7	303.1	302.0	301.4
172.5°	295.4	295.7	295.7	296.8	295.7	295.1	295.7	296.8	295.7	295.7	295.4
175°	289.9	289.9	289.9	290.5	289.4	288.8	289.4	290.5	289.9	289.9	289.9
177.5°	286.5	286.5	285.9	286.5	284.8	284.8	284.8	286.5	285.9	286.5	286.5
180°	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8

TEST NUMBER: P1027459

CATALOG NUMBER: S125DIP-B1090D610UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6	1587.6
2.5°	1508.1	1500.0	1509.4	1497.3	1500.0	1514.8	1513.5	1527.0	1535.0	1533.7	1540.4
5°	1408.4	1408.4	1412.4	1411.1	1424.5	1436.7	1452.8	1466.3	1481.1	1489.2	1498.7
7.5°	1310.0	1323.5	1326.2	1332.9	1349.1	1369.3	1385.5	1405.7	1427.2	1442.1	1452.8
10°	1229.1	1239.9	1250.7	1256.1	1273.6	1300.5	1323.5	1355.8	1382.8	1398.9	1413.8
12.5°	1157.7	1169.8	1175.2	1199.5	1211.6	1229.1	1261.5	1296.5	1326.2	1343.7	1355.8
15°	1106.5	1113.2	1125.3	1140.2	1152.3	1173.9	1200.8	1239.9	1268.2	1283.0	1324.8
17.5°	1063.3	1071.4	1078.2	1084.9	1103.8	1126.7	1152.3	1186.0	1222.4	1248.0	1269.5
20°	1018.9	1022.9	1031.0	1041.8	1055.3	1076.8	1099.7	1134.8	1167.1	1187.3	1215.6
22.5°	966.3	978.4	986.5	994.6	1009.4	1033.7	1055.3	1080.9	1121.3	1144.2	1173.9
25°	935.3	940.7	946.1	955.5	966.3	987.9	1012.1	1039.1	1071.4	1095.7	1121.3
27.5°	894.9	903.0	909.7	921.8	928.6	946.1	969.0	996.0	1035.0	1055.3	1076.8
30°	861.2	869.3	874.7	880.1	889.5	908.4	929.9	951.5	987.9	1013.5	1035.0
32.5°	827.5	835.6	842.3	846.4	855.8	867.9	885.4	912.4	943.4	960.9	989.2
35°	797.8	797.8	805.9	811.3	819.4	830.2	846.4	866.6	898.9	921.8	947.4
37.5°	764.2	765.5	772.2	776.3	784.4	795.2	811.3	830.2	857.1	874.7	900.3
40°	729.1	733.2	735.9	742.6	752.0	756.1	772.2	793.8	820.8	836.9	858.5
42.5°	694.1	696.8	703.5	708.9	717.0	723.7	734.5	754.7	774.9	799.2	816.7
45°	655.0	661.7	665.8	675.2	679.2	686.0	696.8	712.9	737.2	752.0	772.2
47.5°	621.3	624.0	626.7	638.8	646.9	650.9	661.7	671.2	696.8	710.2	729.1
50°	584.9	584.9	589.0	594.3	603.8	611.9	621.3	632.1	652.3	665.8	684.6
52.5°	551.2	547.2	549.9	552.6	562.0	570.1	579.5	594.3	613.2	621.3	637.5
55°	514.8	508.1	512.1	516.2	518.9	529.7	540.4	549.9	564.7	576.8	591.6
57.5°	475.7	474.4	471.7	473.0	479.8	486.5	494.6	506.7	524.3	533.7	541.8
60°	440.7	432.6	429.9	432.6	436.7	440.7	451.5	462.3	477.1	486.5	496.0
62.5°	404.3	396.2	390.8	386.8	390.8	400.3	407.0	415.1	427.2	438.0	446.1
65°	369.3	357.1	351.8	349.1	347.7	354.4	359.8	370.6	381.4	385.4	394.9
67.5°	330.2	319.4	312.7	308.6	308.6	308.6	314.0	324.8	335.6	336.9	346.4
70°	291.1	279.0	272.2	266.8	264.2	266.8	273.6	274.9	284.4	287.1	292.5
72.5°	249.3	238.5	230.5	223.7	225.1	227.8	227.8	230.5	235.9	242.6	242.6
75°	210.2	195.4	191.4	186.0	183.3	183.3	183.3	188.7	192.7	198.1	196.8
77.5°	165.8	157.7	149.6	146.9	142.9	141.5	144.2	144.2	146.9	150.9	152.3
80°	128.0	118.6	113.2	110.5	105.1	103.8	105.1	105.1	109.2	107.8	109.2
82.5°	88.9	82.2	78.2	74.1	71.4	72.8	71.4	71.4	72.8	71.4	71.4
85°	51.2	49.9	47.2	45.8	44.5	41.8	44.5	43.1	41.8	40.4	43.1
87.5°	24.3	22.9	22.9	20.2	20.2	18.9	20.2	20.2	18.9	18.9	18.9
90°	11.5	10.9	10.3	9.8	9.2	8.0	7.5	6.3	5.7	5.2	4.6
92.5°	66.6	89.6	124.6	184.9	229.1	233.1	161.9	96.5	57.4	47.0	36.7
95°	254.9	325.5	412.8	497.8	508.7	415.1	256.6	130.3	68.9	56.0	43.1
97.5°	451.3	522.5	591.9	621.8	549.4	380.6	209.6	112.5	70.0	60.6	51.1
100°	618.9	678.0	706.2	662.0	518.4	330.7	186.0	111.4	78.1	69.5	60.9
102.5°	752.7	773.3	744.6	637.9	463.9	292.8	176.3	116.5	87.8	79.5	71.2
105°	822.7	797.5	718.8	581.0	416.2	271.0	175.1	124.0	98.7	90.7	82.7
107.5°	830.8	769.9	666.0	527.0	380.6	259.5	179.1	134.3	109.7	102.5	95.3
110°	796.3	715.4	606.3	482.3	357.1	254.9	185.4	145.8	122.3	114.8	107.4

TEST NUMBER: P1027459

CATALOG NUMBER: S125DIP-B1090D610UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	743.5	661.4	559.2	449.0	343.3	254.9	193.5	156.7	134.3	127.2	120.0
115°	688.9	610.3	521.3	426.6	334.1	256.6	201.5	168.2	147.0	139.8	132.6
117.5°	642.4	573.5	494.9	411.6	329.0	259.5	210.7	179.7	159.6	152.7	145.8
120°	606.3	543.1	474.2	399.6	325.5	264.1	219.9	192.3	172.2	165.0	157.9
122.5°	575.8	521.3	458.7	389.3	322.7	268.1	230.2	204.4	184.3	177.1	169.9
125°	552.3	502.4	443.8	380.1	320.4	272.7	239.4	214.7	195.8	188.3	180.8
127.5°	531.1	484.0	428.3	371.5	319.2	277.9	248.0	225.1	206.7	199.2	191.8
130°	509.2	464.5	413.9	362.8	318.1	282.5	256.6	234.8	217.0	209.6	202.1
132.5°	485.7	446.1	399.6	356.0	318.1	287.6	264.1	244.0	226.2	218.8	211.3
135°	463.9	427.1	387.5	350.8	318.1	292.2	271.0	252.0	234.2	226.4	218.7
137.5°	441.5	409.9	376.6	345.6	318.6	296.8	276.2	257.8	241.7	233.6	225.6
140°	421.4	395.0	368.0	342.2	319.2	299.7	281.3	264.1	247.4	239.6	231.9
142.5°	404.2	382.4	360.5	339.3	319.8	301.4	284.2	268.1	252.6	245.4	238.3
145°	389.8	372.0	354.2	336.4	319.2	302.6	287.1	272.7	257.8	251.2	244.6
147.5°	377.2	362.8	347.9	333.6	318.1	303.1	288.8	275.6	262.4	256.4	250.3
150°	366.3	355.4	342.8	330.1	316.3	303.1	290.5	278.5	265.8	261.0	256.1
152.5°	357.7	347.9	337.0	326.1	314.0	302.6	291.7	281.3	269.8	265.5	261.2
155°	348.5	340.5	331.3	321.5	311.2	301.4	292.2	283.0	273.3	269.2	265.2
157.5°	339.9	333.6	325.5	317.5	308.3	300.3	292.8	284.8	276.2	273.0	269.8
160°	331.3	325.5	319.8	312.3	305.4	298.5	292.8	285.9	278.5	275.9	273.3
162.5°	323.2	318.6	313.5	307.7	302.0	296.8	292.2	287.1	280.7	278.7	276.7
165°	315.2	311.7	307.7	303.1	298.5	295.1	291.7	287.1	282.5	280.8	279.0
167.5°	307.7	304.9	302.0	298.5	295.1	292.2	290.5	287.1	283.0	281.8	280.7
170°	300.8	299.1	297.4	294.5	292.2	290.5	289.4	287.1	284.2	283.4	282.5
172.5°	295.1	294.0	292.2	290.5	288.8	288.2	288.2	286.5	284.2	283.9	283.6
175°	289.9	288.8	288.8	287.1	286.5	286.5	287.1	285.9	284.2	284.2	284.2
177.5°	286.5	286.5	285.9	285.3	284.8	284.8	285.9	285.3	284.2	284.2	284.2
180°	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8	284.8

TEST NUMBER: P1027459

CATALOG NUMBER: S125DIP-B1090D610UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1587.6	1587.6	1587.6	1587.6
2.5°	1549.9	1563.3	1572.8	1590.3
5°	1514.8	1539.1	1562.0	1586.3
7.5°	1479.8	1508.1	1544.5	1575.5
10°	1440.7	1477.1	1520.2	1562.0
12.5°	1401.6	1444.8	1491.9	1547.2
15°	1354.5	1409.7	1465.0	1524.3
17.5°	1312.7	1369.3	1428.6	1502.7
20°	1265.5	1327.5	1392.2	1467.7
22.5°	1223.7	1292.5	1359.8	1439.4
25°	1176.6	1243.9	1318.1	1403.0
27.5°	1137.5	1199.5	1272.2	1363.9
30°	1090.3	1157.7	1230.5	1322.1
32.5°	1045.8	1110.5	1187.3	1277.6
35°	1000.0	1066.0	1134.8	1221.0
37.5°	956.9	1013.5	1082.2	1164.4
40°	908.4	970.4	1032.3	1097.0
42.5°	863.9	920.5	978.4	1029.7
45°	814.0	862.5	917.8	959.6
47.5°	768.2	811.3	854.5	886.8
50°	722.4	756.1	788.4	816.7
52.5°	668.5	706.2	723.7	741.2
55°	619.9	641.5	657.7	675.2
57.5°	572.8	582.2	590.3	606.5
60°	510.8	521.6	531.0	543.1
62.5°	456.9	462.3	465.0	477.1
65°	405.7	404.3	411.1	417.8
67.5°	350.4	349.1	355.8	358.5
70°	296.5	295.1	296.5	303.2
72.5°	245.3	245.3	246.6	249.3
75°	198.1	198.1	199.5	202.2
77.5°	149.6	152.3	150.9	156.3
80°	109.2	106.5	109.2	111.9
82.5°	71.4	74.1	74.1	71.4
85°	40.4	40.4	40.4	40.4
87.5°	17.5	17.5	18.9	20.2
90°	3.4	2.3	1.1	0.6
92.5°	24.7	16.1	10.3	8.6
95°	30.4	24.1	19.5	18.9
97.5°	39.6	33.3	29.9	29.3
100°	49.9	43.6	41.3	40.2
102.5°	61.4	54.5	52.8	52.2
105°	73.5	67.7	64.9	64.9
107.5°	85.5	81.0	78.1	76.9
110°	98.7	93.6	91.3	90.1

TEST NUMBER: P1027459

CATALOG NUMBER: S125DIP-B1090D610UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	111.4	106.2	104.5	103.3
115°	124.0	118.8	117.1	116.0
117.5°	136.1	130.9	129.2	127.5
120°	148.1	143.0	140.7	138.9
122.5°	159.0	153.9	152.1	151.0
125°	169.9	164.8	161.9	160.8
127.5°	180.3	174.0	170.5	168.8
130°	190.0	182.6	178.0	176.3
132.5°	198.6	190.0	184.3	182.0
135°	206.7	197.5	190.6	188.3
137.5°	213.6	204.4	198.1	196.4
140°	221.0	211.9	205.0	203.2
142.5°	227.9	218.7	212.4	211.3
145°	234.2	226.2	220.5	219.3
147.5°	241.1	233.7	228.5	227.9
150°	248.0	240.6	236.5	235.4
152.5°	253.8	247.4	244.0	243.4
155°	259.5	253.8	250.3	250.3
157.5°	264.7	259.5	256.6	256.6
160°	268.7	264.7	262.4	262.9
162.5°	273.3	269.8	267.5	268.1
165°	276.7	273.9	272.1	273.3
167.5°	279.0	277.3	276.2	276.7
170°	281.3	280.2	279.6	280.2
172.5°	283.0	281.9	281.3	282.5
175°	284.2	283.6	283.0	284.2
177.5°	284.8	284.2	284.2	285.3
180°	284.8	284.8	284.8	284.8

(END OF REPORT)