

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: P1027494

Luminaire Tested: S125DIP-B1090D850UB30-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027494
REPORT IS A COMBINATION OF REPORTS P1001484 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B1090D850UB30-4F0-XX-W2A-A1
Description: Define 5 Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

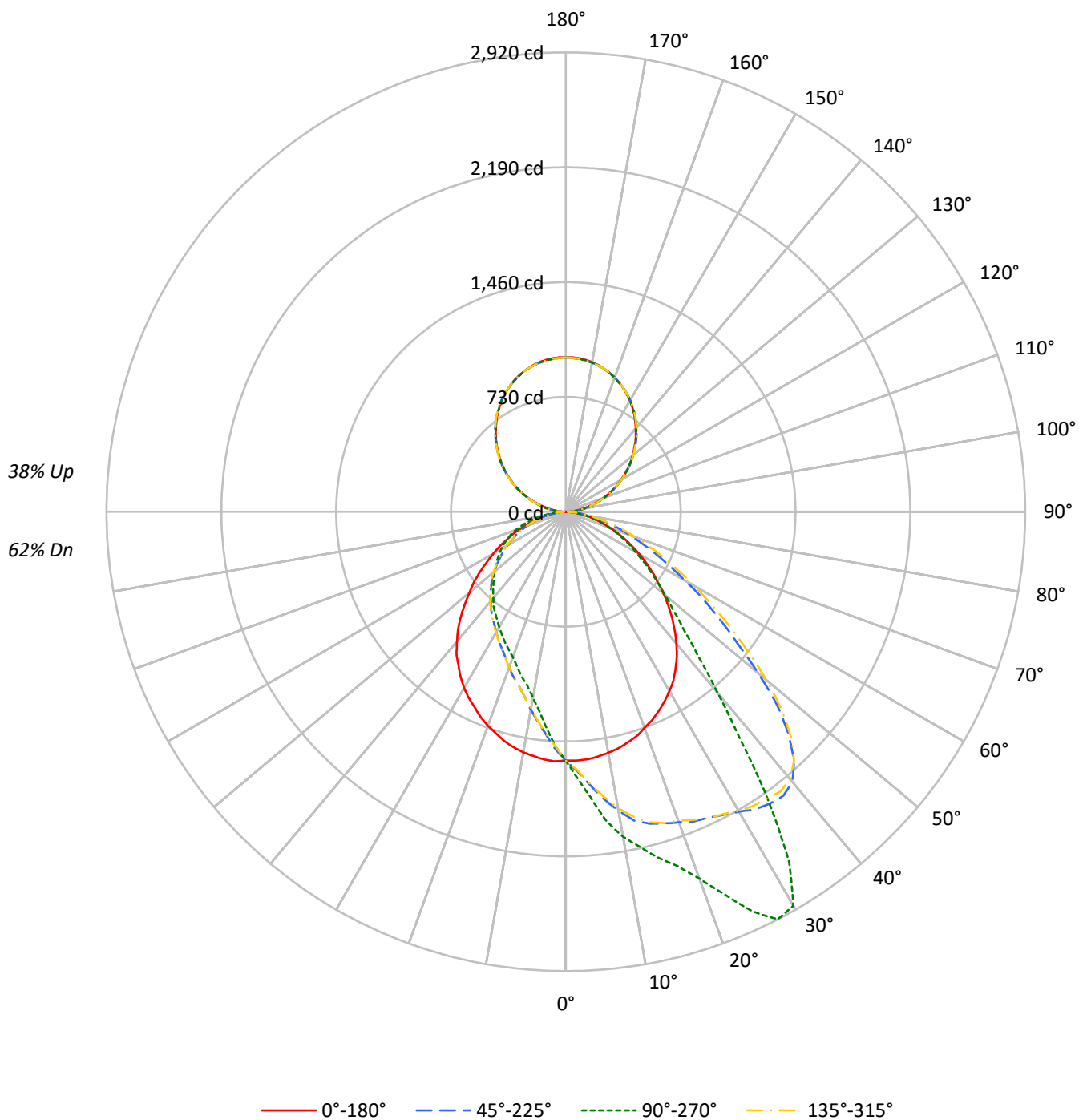
Lumens per Lamp: N/A
Luminaire Lumens: 7201.0 lumens
Efficiency: N/A
Efficacy: 106.1 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 67.9
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
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	110	110	110	110	103	103	103	103	90	90	90	78	78	78	67	67	67
1	101	96	93	89	94	91	87	84	79	77	75	69	67	66	60	59	57
2	92	85	78	73	86	79	74	70	70	66	62	61	58	55	53	51	49
3	84	75	67	61	78	70	64	58	62	57	53	54	50	47	47	44	42
4	77	66	58	52	72	62	55	50	55	50	45	48	44	40	42	39	36
5	71	59	51	45	66	56	48	43	49	44	39	44	39	35	38	34	32
6	65	53	45	39	61	50	43	37	45	39	34	39	35	31	35	31	28
7	60	48	40	34	57	45	38	33	41	35	30	36	31	27	32	28	25
8	56	44	36	30	53	41	34	29	37	31	27	33	28	25	29	25	22
9	52	40	32	27	49	38	31	26	34	28	24	30	25	22	27	23	20
10	49	37	29	24	46	35	28	24	31	26	22	28	23	20	25	21	18

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10129	10129	10129	10129
5°	10136	11491	10145	8717
10°	10075	13096	10057	7483
15°	10001	14200	9939	6761
20°	9874	15561	9784	6172
25°	9762	17830	9584	5823
30°	9601	18810	9435	5508
35°	9347	15079	9151	5254
40°	8949	10422	8817	4986
45°	8447	7759	8352	4764
50°	7872	6387	7741	4585
55°	7251	5448	7194	4430
60°	6642	4663	6527	4310
65°	5986	4027	5889	4135
70°	5292	3343	5222	3830
75°	4558	2586	4497	3324
80°	3600	1749	3471	2444
85°	2304	875	2224	1246

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 15471 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.2	2.1
10°-20°	453.2	6.3
20°-30°	736.1	10.2
30°-40°	899.7	12.5
40°-50°	816.1	11.3
50°-60°	650.0	9.0
60°-70°	452.7	6.3
70°-80°	241.2	3.3
80°-90°	61.3	0.9
90°-100°	65.2	0.9
100°-110°	193.8	2.7
110°-120°	328.8	4.6
120°-130°	432.8	6.0
130°-140°	485.0	6.7
140°-150°	475.3	6.6
150°-160°	399.3	5.5
160°-170°	265.4	3.7
170°-180°	92.9	1.3
0°-30°	1341.5	18.6
0°-40°	2241.2	31.1
0°-60°	3707.3	51.5
0°-90°	4462.5	62.0
90°-120°	587.8	8.2
90°-150°	1980.9	27.5
90°-180°	2738.0	38.0
0°-180°	7201.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1581	1581	1581	1581	1581	
5°	1580	1824	1581	1384	1580	150
15°	1518	2277	1508	1084	1518	428
25°	1397	2802	1372	915	1397	643
35°	1216	2249	1190	784	1216	759
45°	956	1060	945	651	956	736
55°	672	654	667	531	672	601
65°	416	401	409	412	416	413
75°	201	197	199	254	201	214
85°	40	44	39	63	40	48
90°	1	18	1	18	1	6
95°	50	66	50	66	50	52
105°	174	189	174	189	174	186
115°	329	332	329	332	329	326
125°	480	483	480	483	480	430
135°	625	627	625	627	625	481
145°	757	760	757	760	757	473
155°	866	866	866	866	866	399
165°	942	939	942	939	942	266
175°	979	975	979	975	979	93
180°	981	981	981	981	981	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9
2.5°	1583.6	1593.0	1603.7	1611.7	1625.2	1629.2	1635.9	1639.9	1643.9	1648.0	1650.7
5°	1579.5	1602.3	1622.5	1637.2	1662.7	1672.1	1684.2	1699.0	1716.4	1731.2	1740.6
7.5°	1568.8	1605.0	1631.9	1661.4	1696.3	1719.1	1731.2	1762.0	1790.2	1811.7	1839.9
10°	1555.4	1598.3	1639.9	1684.2	1733.9	1759.4	1783.5	1826.5	1865.4	1900.3	1928.5
12.5°	1540.6	1593.0	1642.6	1700.3	1767.4	1798.3	1814.4	1888.2	1936.5	1955.3	2010.3
15°	1517.8	1579.5	1650.7	1721.8	1778.1	1814.4	1858.7	1917.7	1966.0	2007.6	2051.9
17.5°	1496.3	1563.4	1635.9	1715.1	1796.9	1843.9	1877.5	1929.8	1982.1	2035.8	2077.4
20°	1461.4	1548.7	1622.5	1707.0	1803.6	1837.2	1872.1	1933.8	1990.2	2047.9	2100.2
22.5°	1433.3	1516.5	1617.1	1697.6	1779.5	1813.0	1856.0	1920.4	1987.5	2053.3	2129.8
25°	1397.0	1489.6	1576.8	1662.7	1747.3	1783.5	1822.4	1905.6	1975.4	2060.0	2144.5
27.5°	1358.1	1453.4	1540.6	1618.5	1697.6	1747.3	1788.9	1876.1	1968.7	2061.3	2171.4
30°	1316.5	1406.4	1489.6	1566.1	1653.3	1704.3	1745.9	1847.9	1951.3	2069.4	2200.9
32.5°	1272.2	1356.8	1427.9	1505.7	1598.3	1645.3	1701.7	1813.0	1935.2	2076.1	2241.1
35°	1215.9	1296.4	1359.4	1438.6	1531.2	1591.6	1650.7	1775.5	1917.7	2074.7	2264.0
37.5°	1159.5	1222.6	1283.0	1367.5	1474.9	1529.9	1591.6	1728.5	1890.9	2070.7	2273.3
40°	1092.4	1154.1	1206.5	1292.3	1405.1	1468.1	1532.6	1676.2	1860.0	2055.9	2239.8
42.5°	1025.3	1077.6	1135.3	1225.2	1333.9	1401.0	1469.5	1629.2	1819.8	2013.0	2147.2
45°	955.5	995.8	1058.8	1140.7	1256.1	1320.5	1398.4	1571.5	1763.4	1935.2	2002.3
47.5°	883.0	923.3	982.3	1061.5	1175.6	1252.1	1325.9	1499.0	1692.3	1825.1	1825.1
50°	813.3	845.5	903.2	982.3	1097.8	1167.5	1242.7	1426.5	1582.2	1680.2	1593.0
52.5°	738.1	774.3	822.6	905.8	1019.9	1083.0	1164.9	1321.9	1469.5	1509.7	1375.5
55°	672.3	701.9	747.5	826.7	932.7	998.4	1068.2	1218.5	1343.3	1340.7	1197.1
57.5°	603.9	628.1	676.4	748.8	846.8	905.8	975.6	1105.8	1207.8	1171.6	1036.0
60°	540.8	558.3	605.2	664.3	758.2	813.3	880.4	986.4	1064.2	1013.2	876.3
62.5°	475.1	495.2	532.8	590.5	673.7	718.0	767.6	875.0	924.6	879.0	739.4
65°	416.0	432.1	465.7	514.0	589.1	629.4	672.3	760.9	807.9	742.1	626.7
67.5°	357.0	375.8	399.9	442.9	501.9	539.5	577.1	653.6	675.0	616.0	519.4
70°	301.9	318.1	340.9	371.7	421.4	454.9	483.1	546.2	561.0	505.9	429.4
72.5°	248.3	259.0	277.8	303.3	348.9	367.7	397.2	440.2	459.0	409.3	354.3
75°	201.3	209.4	221.4	240.2	271.1	291.2	315.4	355.6	354.3	319.4	280.5
77.5°	155.7	157.0	170.4	187.9	206.7	224.1	236.2	264.4	267.1	245.6	213.4
80°	111.4	115.4	120.8	134.2	150.3	157.0	171.8	189.2	191.9	175.8	154.3
82.5°	71.1	73.8	77.8	85.9	96.6	104.7	112.7	119.4	126.1	116.8	99.3
85°	40.3	41.6	45.6	48.3	53.7	57.7	64.4	71.1	69.8	63.1	57.7
87.5°	20.1	20.1	20.1	22.8	25.5	25.5	28.2	29.5	30.9	28.2	25.5
90°	0.8	2.2	3.5	4.9	6.2	6.9	7.5	8.7	9.8	11.0	12.2
92.5°	22.9	23.7	24.6	25.4	26.3	26.7	27.5	29.0	30.5	32.1	33.6
95°	49.6	50.0	50.3	50.7	51.0	51.2	52.0	53.7	55.4	57.1	58.8
97.5°	76.4	76.6	76.7	76.9	77.0	77.1	78.3	80.7	83.0	85.4	87.8
100°	106.9	106.9	106.9	106.9	106.9	106.9	108.0	110.2	112.4	114.6	116.8
102.5°	139.7	140.6	141.4	142.3	143.2	143.6	144.0	144.9	145.7	146.6	147.4
105°	174.1	174.9	175.8	176.6	177.5	177.9	178.4	179.4	180.5	181.5	182.5
107.5°	211.5	212.3	213.2	214.0	214.9	215.3	215.7	216.6	217.4	218.3	219.1
110°	250.5	251.3	252.2	253.0	253.9	254.3	254.6	255.1	255.6	256.1	256.6

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	290.2	290.5	290.9	291.2	291.5	291.7	292.0	292.7	293.4	294.0	294.7
115°	329.1	329.8	330.5	331.2	331.9	332.2	332.4	332.7	333.0	333.4	333.7
117.5°	368.8	369.0	369.2	369.3	369.5	369.6	369.8	370.1	370.4	370.8	371.1
120°	405.5	406.3	407.2	408.0	408.9	409.3	409.4	409.5	409.7	409.8	410.0
122.5°	445.2	445.4	445.5	445.7	445.8	445.9	446.2	446.7	447.2	447.7	448.2
125°	480.3	481.3	482.3	483.4	484.4	484.9	485.0	485.1	485.3	485.4	485.6
127.5°	519.2	519.7	520.2	520.7	521.2	521.5	521.6	521.8	521.9	522.1	522.3
130°	553.6	554.4	555.3	556.1	557.0	557.4	557.6	557.9	558.2	558.6	558.9
132.5°	588.0	589.5	591.0	592.5	594.0	594.8	594.7	594.6	594.4	594.3	594.1
135°	624.6	625.6	626.6	627.7	628.7	629.2	629.3	629.5	629.6	629.8	630.0
137.5°	659.0	660.0	661.0	662.1	663.1	663.6	663.8	664.1	664.4	664.8	665.1
140°	691.8	692.6	693.5	694.3	695.2	695.6	695.9	696.4	696.9	697.4	697.9
142.5°	724.6	725.3	726.0	726.7	727.4	727.7	728.0	728.7	729.4	730.1	730.8
145°	756.7	757.4	758.1	758.8	759.5	759.8	760.1	760.6	761.1	761.6	762.1
147.5°	786.5	787.0	787.5	788.0	788.5	788.8	789.0	789.3	789.6	790.0	790.3
150°	816.3	816.1	815.9	815.8	815.6	815.5	815.8	816.5	817.2	817.9	818.6
152.5°	840.7	841.0	841.4	841.7	842.0	842.2	842.3	842.5	842.6	842.8	843.0
155°	865.9	865.9	865.9	865.9	865.9	865.9	866.0	866.2	866.3	866.5	866.7
157.5°	888.8	888.5	888.1	887.8	887.5	887.3	887.4	887.6	887.7	887.9	888.1
160°	908.7	908.2	907.7	907.2	906.7	906.4	906.5	906.6	906.8	906.9	907.1
162.5°	926.2	925.9	925.5	925.2	924.9	924.7	924.7	924.7	924.7	924.7	924.7
165°	941.5	941.2	940.8	940.5	940.2	940.0	940.1	940.2	940.4	940.5	940.7
167.5°	955.2	954.5	953.9	953.2	952.5	952.2	952.2	952.2	952.2	952.2	952.2
170°	965.9	965.2	964.6	963.9	963.2	962.9	962.9	962.9	962.9	962.9	962.9
172.5°	973.6	972.9	972.2	971.5	970.8	970.5	970.5	970.5	970.5	970.5	970.5
175°	978.9	978.2	977.6	976.9	976.2	975.9	975.9	975.9	975.9	975.9	975.9
177.5°	982.7	982.0	981.4	980.7	980.0	979.7	979.6	979.4	979.3	979.1	978.9
180°	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9
2.5°	1653.3	1662.7	1670.8	1677.5	1682.9	1690.9	1685.6	1686.9	1689.6	1694.9	1694.9
5°	1760.7	1775.5	1783.5	1810.4	1817.1	1815.7	1811.7	1833.2	1831.8	1823.8	1822.4
7.5°	1865.4	1890.9	1913.7	1935.2	1941.9	1959.3	1963.3	1972.7	1970.1	1983.5	1976.8
10°	1960.7	2000.9	2022.4	2054.6	2062.7	2070.7	2081.4	2086.8	2098.9	2097.5	2097.5
12.5°	2034.5	2082.8	2111.0	2119.0	2149.9	2159.3	2168.7	2186.1	2182.1	2183.4	2191.5
15°	2092.2	2139.1	2163.3	2200.9	2222.4	2233.1	2249.2	2268.0	2265.3	2277.4	2274.7
17.5°	2135.1	2179.4	2223.7	2280.1	2281.4	2309.6	2347.2	2355.2	2372.7	2360.6	2360.6
20°	2170.0	2229.1	2292.1	2364.6	2372.7	2390.1	2435.7	2466.6	2486.7	2480.0	2484.0
22.5°	2207.6	2292.1	2365.9	2438.4	2477.3	2508.2	2552.5	2600.8	2618.2	2629.0	2626.3
25°	2255.9	2344.5	2453.2	2553.8	2594.1	2653.1	2712.2	2759.1	2772.6	2802.1	2775.3
27.5°	2305.6	2430.4	2565.9	2684.0	2735.0	2783.3	2854.4	2889.3	2906.8	2920.2	2910.8
30°	2347.2	2518.9	2666.6	2775.3	2811.5	2839.7	2879.9	2888.0	2881.3	2892.0	2905.4
32.5°	2411.6	2579.3	2704.1	2756.5	2752.4	2751.1	2720.2	2677.3	2667.9	2642.4	2677.3
35°	2446.5	2580.7	2629.0	2559.2	2531.0	2480.0	2382.0	2317.6	2261.3	2249.2	2251.9
37.5°	2426.3	2478.7	2421.0	2237.1	2191.5	2113.6	1983.5	1892.2	1850.6	1818.4	1860.0
40°	2317.6	2259.9	2101.6	1877.5	1811.7	1737.9	1615.8	1566.1	1507.1	1495.0	1550.0
42.5°	2137.8	1962.0	1737.9	1564.8	1496.3	1454.7	1352.7	1305.8	1264.2	1245.4	1276.2
45°	1893.6	1680.2	1454.7	1312.5	1254.8	1205.1	1144.7	1095.1	1068.2	1060.2	1085.7
47.5°	1641.3	1415.8	1236.0	1130.0	1069.6	1032.0	975.6	947.5	926.0	928.7	932.7
50°	1399.7	1194.4	1056.2	950.1	920.6	891.1	853.5	829.4	818.6	822.6	820.0
52.5°	1191.7	1025.3	908.5	826.7	813.3	785.1	754.2	734.1	730.0	731.4	735.4
55°	1009.2	879.0	786.4	727.4	712.6	692.5	673.7	660.3	649.5	653.6	652.2
57.5°	871.0	756.9	685.8	637.4	626.7	614.6	597.2	590.5	586.5	578.4	585.1
60°	748.8	656.2	594.5	565.0	555.6	547.5	528.7	520.7	518.0	514.0	524.7
62.5°	633.4	567.7	520.7	493.9	484.5	476.4	467.0	460.3	461.6	456.3	461.6
65°	542.2	488.5	454.9	430.8	418.7	413.3	412.0	401.3	399.9	401.3	402.6
67.5°	457.6	412.0	386.5	371.7	362.3	357.0	352.9	346.2	351.6	347.6	350.3
70°	381.1	350.3	323.4	308.7	304.6	306.0	299.3	296.6	297.9	295.2	297.9
72.5°	307.3	281.8	271.1	260.3	255.0	253.6	249.6	245.6	249.6	248.3	248.3
75°	245.6	226.8	214.7	208.0	208.0	205.3	198.6	198.6	198.6	197.3	198.6
77.5°	189.2	173.1	167.7	161.0	161.0	157.0	155.7	155.7	153.0	157.0	154.3
80°	140.9	128.8	120.8	116.8	116.8	115.4	112.7	111.4	112.7	111.4	111.4
82.5°	91.3	85.9	81.9	77.8	76.5	77.8	76.5	73.8	75.2	73.8	76.5
85°	52.3	47.0	47.0	44.3	45.6	42.9	44.3	41.6	40.3	44.3	41.6
87.5°	22.8	21.5	21.5	18.8	18.8	18.8	17.4	18.8	17.4	16.1	17.4
90°	13.0	13.9	14.7	15.6	16.0	16.3	16.8	17.3	17.8	18.3	17.8
92.5°	34.8	36.0	37.1	38.3	38.9	39.1	39.4	39.8	40.1	40.5	40.1
95°	60.0	61.2	62.3	63.5	64.1	64.3	64.6	65.0	65.3	65.7	65.3
97.5°	88.8	89.8	90.9	91.9	92.4	92.5	92.7	92.8	93.0	93.2	93.0
100°	118.3	119.9	121.4	122.9	123.7	123.9	124.2	124.5	124.9	125.2	124.9
102.5°	149.1	150.8	152.5	154.2	155.0	155.3	155.8	156.3	156.8	157.3	156.8
105°	183.5	184.5	185.6	186.6	187.1	187.4	187.9	188.4	188.9	189.4	188.9
107.5°	219.6	220.1	220.6	221.1	221.4	221.4	221.4	221.4	221.4	221.4	221.4
110°	257.1	257.6	258.1	258.6	258.9	258.8	258.6	258.5	258.3	258.1	258.3

TEST NUMBER: P1027494

CATALOG NUMBER: S125DIP-B1090D850UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	294.9	295.1	295.2	295.4	295.5	295.3	295.0	294.7	294.3	294.0	294.3
115°	333.5	333.3	333.2	333.0	332.9	332.8	332.7	332.5	332.4	332.2	332.4
117.5°	371.3	371.5	371.6	371.8	371.9	371.6	370.9	370.2	369.5	368.8	369.5
120°	410.0	410.0	410.0	410.0	410.0	409.7	409.0	408.3	407.7	407.0	407.7
122.5°	448.0	447.9	447.7	447.6	447.5	447.2	446.7	446.2	445.7	445.2	445.7
125°	485.3	484.9	484.6	484.3	484.1	484.0	483.8	483.7	483.5	483.3	483.5
127.5°	522.1	521.9	521.8	521.6	521.5	521.3	521.0	520.7	520.3	520.0	520.3
130°	558.7	558.6	558.4	558.3	558.2	558.0	557.7	557.4	557.0	556.7	557.0
132.5°	593.9	593.7	593.6	593.4	593.3	593.0	592.5	592.0	591.5	591.0	591.5
135°	630.0	630.0	630.0	630.0	630.0	629.7	629.0	628.3	627.6	626.9	627.6
137.5°	665.3	665.4	665.6	665.7	665.8	665.4	664.5	663.7	662.8	662.0	662.8
140°	698.2	698.6	698.9	699.2	699.4	699.0	698.1	697.3	696.4	695.6	696.4
142.5°	731.0	731.1	731.3	731.4	731.5	731.1	730.2	729.4	728.5	727.7	728.5
145°	762.1	762.1	762.1	762.1	762.1	761.8	761.3	760.8	760.3	759.8	760.3
147.5°	790.8	791.3	791.8	792.3	792.6	791.9	790.6	789.2	787.9	786.5	787.9
150°	818.6	818.6	818.6	818.6	818.6	818.4	818.1	817.7	817.4	817.0	817.4
152.5°	843.5	844.0	844.5	845.0	845.3	845.0	844.3	843.6	842.9	842.2	842.9
155°	867.4	868.0	868.7	869.4	869.7	869.3	868.4	867.6	866.7	865.9	866.7
157.5°	888.8	889.4	890.1	890.8	891.1	890.5	889.3	888.2	887.0	885.8	887.0
160°	907.8	908.5	909.2	909.9	910.2	909.8	908.9	908.1	907.2	906.4	907.2
162.5°	925.5	926.4	927.2	928.1	928.5	928.0	927.0	925.9	924.9	923.9	924.9
165°	941.4	942.1	942.8	943.5	943.8	943.3	942.3	941.2	940.2	939.2	940.2
167.5°	953.2	954.2	955.3	956.3	956.8	956.3	955.3	954.2	953.2	952.2	953.2
170°	963.9	964.9	966.0	967.0	967.5	966.9	965.7	964.5	963.3	962.1	963.3
172.5°	971.5	972.5	973.6	974.6	975.1	974.6	973.6	972.5	971.5	970.5	971.5
175°	976.9	977.9	978.9	979.9	980.4	979.8	978.6	977.5	976.3	975.1	976.3
177.5°	979.9	980.9	982.0	983.0	983.5	982.9	981.7	980.6	979.4	978.2	979.4
180°	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2

TEST NUMBER: P1027494

CATALOG NUMBER: S125DIP-B1090D850UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9
2.5°	1692.3	1682.9	1685.6	1682.9	1676.2	1672.1	1661.4	1648.0	1642.6	1635.9	1631.9
5°	1827.8	1821.1	1819.8	1809.0	1806.3	1790.2	1763.4	1750.0	1733.9	1717.8	1701.7
7.5°	1975.4	1967.4	1940.5	1936.5	1939.2	1919.1	1884.2	1857.3	1823.8	1801.0	1770.1
10°	2097.5	2081.4	2058.6	2060.0	2050.6	2023.7	1988.8	1960.7	1912.3	1882.8	1838.5
12.5°	2171.4	2157.9	2155.3	2141.8	2133.8	2098.9	2057.3	2021.1	1984.8	1944.6	1911.0
15°	2261.3	2243.8	2231.7	2213.0	2207.6	2171.4	2125.7	2084.1	2042.5	2004.9	1933.8
17.5°	2360.6	2341.8	2296.2	2292.1	2259.9	2225.0	2180.7	2119.0	2074.7	2021.1	1968.7
20°	2473.3	2446.5	2387.4	2372.7	2347.2	2289.5	2229.1	2160.6	2089.5	2034.5	1972.7
22.5°	2599.5	2552.5	2509.5	2462.6	2443.8	2372.7	2289.5	2206.2	2120.4	2045.2	1971.4
25°	2763.2	2701.4	2641.1	2594.1	2561.9	2469.3	2357.9	2247.8	2148.5	2050.6	1954.0
27.5°	2892.0	2838.3	2772.6	2710.8	2669.2	2559.2	2431.7	2289.5	2166.0	2046.5	1943.2
30°	2901.4	2885.3	2845.0	2811.5	2765.9	2647.8	2506.9	2345.8	2192.8	2047.9	1921.7
32.5°	2725.6	2757.8	2775.3	2780.6	2771.2	2702.8	2574.0	2396.8	2217.0	2035.8	1903.0
35°	2347.2	2433.0	2539.1	2579.3	2618.2	2654.5	2587.4	2433.0	2225.0	2033.1	1873.4
37.5°	1932.5	2010.3	2186.1	2266.6	2312.3	2455.9	2510.9	2427.7	2241.1	2035.8	1845.2
40°	1559.4	1682.9	1809.0	1917.7	1988.8	2149.9	2320.3	2339.1	2218.3	2010.3	1809.0
42.5°	1312.5	1384.9	1480.2	1580.9	1643.9	1834.5	2065.3	2200.9	2147.2	1968.7	1764.7
45°	1117.9	1171.6	1261.5	1295.0	1375.5	1558.1	1802.3	1998.2	2025.1	1903.0	1713.7
47.5°	959.5	1005.2	1062.9	1104.5	1168.9	1305.8	1512.4	1728.5	1857.3	1813.0	1642.6
50°	845.5	883.0	931.3	955.5	997.1	1120.6	1276.2	1491.0	1664.1	1678.8	1550.0
52.5°	750.2	771.6	809.2	836.1	869.6	944.8	1085.7	1262.8	1457.4	1537.9	1435.9
55°	667.0	684.4	718.0	735.4	752.9	817.3	927.3	1088.4	1270.9	1376.9	1319.2
57.5°	591.8	606.6	634.8	650.9	660.3	722.0	806.5	932.7	1096.4	1225.2	1193.0
60°	530.1	543.5	559.6	571.7	582.4	633.4	692.5	794.5	940.7	1065.5	1057.5
62.5°	464.3	476.4	493.9	505.9	515.3	547.5	597.2	675.0	799.8	915.2	938.1
65°	406.6	416.0	428.1	433.5	445.5	469.7	510.0	579.7	681.7	785.1	801.2
67.5°	354.3	357.0	365.0	377.1	379.8	401.3	437.5	489.8	569.0	653.6	679.1
70°	297.9	301.9	308.7	318.1	323.4	336.8	367.7	402.6	471.0	544.9	563.6
72.5°	248.3	253.6	256.3	261.7	264.4	285.8	299.3	334.2	381.1	442.9	463.0
75°	201.3	206.7	208.0	210.7	213.4	222.8	241.6	263.0	301.9	342.2	369.0
77.5°	159.7	158.4	161.0	165.1	163.7	171.8	183.9	202.6	228.1	261.7	279.1
80°	112.7	112.7	116.8	120.8	119.4	127.5	131.5	144.9	166.4	187.9	194.6
82.5°	75.2	75.2	79.2	79.2	81.9	83.2	88.6	95.3	112.7	123.5	127.5
85°	42.9	42.9	44.3	44.3	44.3	47.0	51.0	53.7	59.0	65.8	68.4
87.5°	17.4	18.8	18.8	18.8	18.8	21.5	21.5	24.2	25.5	28.2	28.2
90°	17.3	16.8	16.3	16.0	15.6	14.7	13.9	13.0	12.2	11.0	9.8
92.5°	39.8	39.4	39.1	38.9	38.3	37.1	36.0	34.8	33.6	32.1	30.5
95°	65.0	64.6	64.3	64.1	63.5	62.3	61.2	60.0	58.8	57.1	55.4
97.5°	92.8	92.7	92.5	92.4	91.9	90.9	89.8	88.8	87.8	85.4	83.0
100°	124.5	124.2	123.9	123.7	122.9	121.4	119.9	118.3	116.8	114.6	112.4
102.5°	156.3	155.8	155.3	155.0	154.2	152.5	150.8	149.1	147.4	146.6	145.7
105°	188.4	187.9	187.4	187.1	186.6	185.6	184.5	183.5	182.5	181.5	180.5
107.5°	221.4	221.4	221.4	221.4	221.1	220.6	220.1	219.6	219.1	218.3	217.4
110°	258.5	258.6	258.8	258.9	258.6	258.1	257.6	257.1	256.6	256.1	255.6

TEST NUMBER: P1027494

CATALOG NUMBER: S125DIP-B1090D850UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	294.7	295.0	295.3	295.5	295.4	295.2	295.1	294.9	294.7	294.0	293.4
115°	332.5	332.7	332.8	332.9	333.0	333.2	333.3	333.5	333.7	333.4	333.0
117.5°	370.2	370.9	371.6	371.9	371.8	371.6	371.5	371.3	371.1	370.8	370.4
120°	408.3	409.0	409.7	410.0	410.0	410.0	410.0	410.0	410.0	409.8	409.7
122.5°	446.2	446.7	447.2	447.5	447.6	447.7	447.9	448.0	448.2	447.7	447.2
125°	483.7	483.8	484.0	484.1	484.3	484.6	484.9	485.3	485.6	485.4	485.3
127.5°	520.7	521.0	521.3	521.5	521.6	521.8	521.9	522.1	522.3	522.1	521.9
130°	557.4	557.7	558.0	558.2	558.3	558.4	558.6	558.7	558.9	558.6	558.2
132.5°	592.0	592.5	593.0	593.3	593.4	593.6	593.7	593.9	594.1	594.3	594.4
135°	628.3	629.0	629.7	630.0	630.0	630.0	630.0	630.0	630.0	629.8	629.6
137.5°	663.7	664.5	665.4	665.8	665.7	665.6	665.4	665.3	665.1	664.8	664.4
140°	697.3	698.1	699.0	699.4	699.2	698.9	698.6	698.2	697.9	697.4	696.9
142.5°	729.4	730.2	731.1	731.5	731.4	731.3	731.1	731.0	730.8	730.1	729.4
145°	760.8	761.3	761.8	762.1	762.1	762.1	762.1	762.1	762.1	761.6	761.1
147.5°	789.2	790.6	791.9	792.6	792.3	791.8	791.3	790.8	790.3	790.0	789.6
150°	817.7	818.1	818.4	818.6	818.6	818.6	818.6	818.6	818.6	817.9	817.2
152.5°	843.6	844.3	845.0	845.3	845.0	844.5	844.0	843.5	843.0	842.8	842.6
155°	867.6	868.4	869.3	869.7	869.4	868.7	868.0	867.4	866.7	866.5	866.3
157.5°	888.2	889.3	890.5	891.1	890.8	890.1	889.4	888.8	888.1	887.9	887.7
160°	908.1	908.9	909.8	910.2	909.9	909.2	908.5	907.8	907.1	906.9	906.8
162.5°	925.9	927.0	928.0	928.5	928.1	927.2	926.4	925.5	924.7	924.7	924.7
165°	941.2	942.3	943.3	943.8	943.5	942.8	942.1	941.4	940.7	940.5	940.4
167.5°	954.2	955.3	956.3	956.8	956.3	955.3	954.2	953.2	952.2	952.2	952.2
170°	964.5	965.7	966.9	967.5	967.0	966.0	964.9	963.9	962.9	962.9	962.9
172.5°	972.5	973.6	974.6	975.1	974.6	973.6	972.5	971.5	970.5	970.5	970.5
175°	977.5	978.6	979.8	980.4	979.9	978.9	977.9	976.9	975.9	975.9	975.9
177.5°	980.6	981.7	982.9	983.5	983.0	982.0	980.9	979.9	978.9	979.1	979.3
180°	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2

TEST NUMBER: P1027494

CATALOG NUMBER: S125DIP-B1090D850UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9
2.5°	1626.5	1619.8	1611.7	1611.7	1602.3	1598.3	1590.3	1587.6	1580.9	1570.1	1562.1
5°	1684.2	1666.8	1656.0	1646.6	1626.5	1611.7	1597.0	1580.9	1564.8	1546.0	1524.5
7.5°	1740.6	1708.4	1693.6	1677.5	1648.0	1617.1	1587.6	1566.1	1544.6	1515.1	1488.3
10°	1799.6	1759.4	1732.5	1711.0	1665.4	1626.5	1583.6	1552.7	1519.1	1481.6	1446.7
12.5°	1849.3	1796.9	1774.1	1733.9	1681.5	1634.6	1580.9	1533.9	1489.6	1445.3	1402.4
15°	1890.9	1841.2	1784.9	1768.8	1696.3	1629.2	1568.8	1508.4	1453.4	1409.1	1359.4
17.5°	1904.3	1841.2	1813.0	1774.1	1688.2	1618.5	1542.0	1476.2	1423.9	1358.1	1319.2
20°	1908.3	1847.9	1809.0	1772.8	1696.3	1603.7	1528.5	1448.0	1384.9	1319.2	1257.5
22.5°	1897.6	1826.5	1788.9	1754.0	1668.1	1588.9	1501.7	1413.1	1339.3	1278.9	1217.2
25°	1877.5	1794.3	1758.0	1720.4	1638.6	1551.4	1456.1	1371.5	1303.1	1230.6	1170.2
27.5°	1850.6	1755.3	1713.7	1674.8	1594.3	1512.4	1422.5	1335.3	1258.8	1182.3	1125.9
30°	1817.1	1707.0	1669.4	1618.5	1540.6	1462.8	1380.9	1293.7	1207.8	1135.3	1073.6
32.5°	1774.1	1658.7	1609.1	1560.7	1476.2	1405.1	1327.2	1245.4	1162.2	1091.0	1026.6
35°	1735.2	1603.7	1548.7	1500.4	1406.4	1331.3	1266.8	1190.4	1116.5	1042.7	985.0
37.5°	1682.9	1548.7	1482.9	1433.3	1338.0	1261.5	1201.1	1142.0	1064.2	993.1	939.4
40°	1627.8	1480.2	1418.5	1368.8	1269.5	1186.3	1128.6	1076.3	1013.2	947.5	891.1
42.5°	1578.2	1414.5	1348.7	1288.3	1187.7	1113.9	1054.8	1014.6	956.8	897.8	846.8
45°	1515.1	1344.7	1273.6	1210.5	1113.9	1033.3	977.0	944.8	901.8	844.1	799.8
47.5°	1450.7	1269.5	1195.7	1134.0	1029.3	958.2	903.2	872.3	842.8	797.1	752.9
50°	1366.2	1190.4	1123.3	1052.1	948.8	876.3	830.7	799.8	777.0	744.8	707.2
52.5°	1273.6	1108.5	1036.0	974.3	872.3	806.5	754.2	736.8	713.9	689.8	657.6
55°	1175.6	1019.9	950.1	889.7	795.8	728.7	685.8	667.0	649.5	630.7	609.3
57.5°	1077.6	927.3	861.6	807.9	720.7	656.2	621.3	595.8	583.8	573.0	555.6
60°	955.5	828.0	777.0	728.7	642.8	583.8	550.2	531.4	520.7	515.3	507.3
62.5°	848.1	743.5	687.1	640.1	571.7	519.4	487.1	472.4	463.0	460.3	450.9
65°	734.1	644.2	599.9	559.6	500.6	453.6	426.8	409.3	402.6	401.3	401.3
67.5°	626.7	554.2	510.0	481.8	430.8	389.2	363.7	357.0	352.9	347.6	346.2
70°	526.1	468.4	429.4	405.3	359.7	328.8	308.7	297.9	297.9	293.9	291.2
72.5°	437.5	379.8	354.3	334.2	296.6	269.7	255.0	252.3	242.9	241.6	241.6
75°	342.2	299.3	281.8	264.4	236.2	217.4	205.3	198.6	193.2	193.2	194.6
77.5°	257.7	228.1	212.0	198.6	178.5	166.4	157.0	154.3	149.0	149.0	149.0
80°	182.5	166.4	154.3	143.6	128.8	118.1	112.7	107.4	107.4	106.0	107.4
82.5°	118.1	104.7	98.0	96.6	83.2	79.2	72.5	73.8	69.8	68.4	71.1
85°	68.4	61.7	53.7	51.0	45.6	40.3	37.6	38.9	37.6	36.2	37.6
87.5°	26.8	22.8	21.5	21.5	17.4	16.1	14.8	16.1	13.4	13.4	14.8
90°	8.7	7.5	6.9	6.2	4.9	3.5	2.2	0.8	2.2	3.5	4.9
92.5°	29.0	27.5	26.7	26.3	25.4	24.6	23.7	22.9	23.7	24.6	25.4
95°	53.7	52.0	51.2	51.0	50.7	50.3	50.0	49.6	50.0	50.3	50.7
97.5°	80.7	78.3	77.1	77.0	76.9	76.7	76.6	76.4	76.6	76.7	76.9
100°	110.2	108.0	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9
102.5°	144.9	144.0	143.6	143.2	142.3	141.4	140.6	139.7	140.6	141.4	142.3
105°	179.4	178.4	177.9	177.5	176.6	175.8	174.9	174.1	174.9	175.8	176.6
107.5°	216.6	215.7	215.3	214.9	214.0	213.2	212.3	211.5	212.3	213.2	214.0
110°	255.1	254.6	254.3	253.9	253.0	252.2	251.3	250.5	251.3	252.2	253.0

TEST NUMBER: P1027494

CATALOG NUMBER: S125DIP-B1090D850UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	292.7	292.0	291.7	291.5	291.2	290.9	290.5	290.2	290.5	290.9	291.2
115°	332.7	332.4	332.2	331.9	331.2	330.5	329.8	329.1	329.8	330.5	331.2
117.5°	370.1	369.8	369.6	369.5	369.3	369.2	369.0	368.8	369.0	369.2	369.3
120°	409.5	409.4	409.3	408.9	408.0	407.2	406.3	405.5	406.3	407.2	408.0
122.5°	446.7	446.2	445.9	445.8	445.7	445.5	445.4	445.2	445.4	445.5	445.7
125°	485.1	485.0	484.9	484.4	483.4	482.3	481.3	480.3	481.3	482.3	483.4
127.5°	521.8	521.6	521.5	521.2	520.7	520.2	519.7	519.2	519.7	520.2	520.7
130°	557.9	557.6	557.4	557.0	556.1	555.3	554.4	553.6	554.4	555.3	556.1
132.5°	594.6	594.7	594.8	594.0	592.5	591.0	589.5	588.0	589.5	591.0	592.5
135°	629.5	629.3	629.2	628.7	627.7	626.6	625.6	624.6	625.6	626.6	627.7
137.5°	664.1	663.8	663.6	663.1	662.1	661.0	660.0	659.0	660.0	661.0	662.1
140°	696.4	695.9	695.6	695.2	694.3	693.5	692.6	691.8	692.6	693.5	694.3
142.5°	728.7	728.0	727.7	727.4	726.7	726.0	725.3	724.6	725.3	726.0	726.7
145°	760.6	760.1	759.8	759.5	758.8	758.1	757.4	756.7	757.4	758.1	758.8
147.5°	789.3	789.0	788.8	788.5	788.0	787.5	787.0	786.5	787.0	787.5	788.0
150°	816.5	815.8	815.5	815.6	815.8	815.9	816.1	816.3	816.1	815.9	815.8
152.5°	842.5	842.3	842.2	842.0	841.7	841.4	841.0	840.7	841.0	841.4	841.7
155°	866.2	866.0	865.9	865.9	865.9	865.9	865.9	865.9	865.9	865.9	865.9
157.5°	887.6	887.4	887.3	887.5	887.8	888.1	888.5	888.8	888.5	888.1	887.8
160°	906.6	906.5	906.4	906.7	907.2	907.7	908.2	908.7	908.2	907.7	907.2
162.5°	924.7	924.7	924.7	924.9	925.2	925.5	925.9	926.2	925.9	925.5	925.2
165°	940.2	940.1	940.0	940.2	940.5	940.8	941.2	941.5	941.2	940.8	940.5
167.5°	952.2	952.2	952.2	952.5	953.2	953.9	954.5	955.2	954.5	953.9	953.2
170°	962.9	962.9	962.9	963.2	963.9	964.6	965.2	965.9	965.2	964.6	963.9
172.5°	970.5	970.5	970.5	970.8	971.5	972.2	972.9	973.6	972.9	972.2	971.5
175°	975.9	975.9	975.9	976.2	976.9	977.6	978.2	978.9	978.2	977.6	976.9
177.5°	979.4	979.6	979.7	980.0	980.7	981.4	982.0	982.7	982.0	981.4	980.7
180°	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2

TEST NUMBER: P1027494

CATALOG NUMBER: S125DIP-B1090D850UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9
2.5°	1559.4	1556.7	1550.0	1546.0	1532.6	1516.5	1511.1	1497.7	1503.0	1493.6	1493.6
5°	1517.8	1505.7	1497.7	1485.6	1460.1	1442.6	1423.9	1414.5	1409.1	1402.4	1397.0
7.5°	1464.1	1454.7	1446.7	1423.9	1395.7	1371.5	1348.7	1339.3	1321.9	1309.8	1304.4
10°	1417.2	1403.7	1384.9	1358.1	1328.6	1297.7	1277.6	1257.5	1244.0	1237.3	1222.6
12.5°	1368.8	1352.7	1332.6	1293.7	1261.5	1242.7	1206.5	1187.7	1181.0	1175.6	1158.1
15°	1319.2	1301.7	1277.6	1241.3	1213.2	1168.9	1147.4	1132.6	1116.5	1115.2	1101.8
17.5°	1274.9	1253.4	1233.3	1189.0	1154.1	1115.2	1103.1	1087.0	1072.3	1056.2	1049.4
20°	1218.5	1198.4	1183.6	1135.3	1096.4	1072.3	1052.1	1038.7	1029.3	1013.2	1010.5
22.5°	1167.5	1146.1	1125.9	1089.7	1056.2	1025.3	1001.1	986.4	982.3	975.6	963.6
25°	1117.9	1096.4	1072.3	1038.7	1003.8	982.3	960.9	951.5	943.4	932.7	923.3
27.5°	1076.3	1056.2	1033.3	991.7	962.2	946.1	923.3	912.6	901.8	896.5	892.4
30°	1026.6	1003.8	986.4	954.2	922.0	900.5	884.4	875.0	865.6	860.2	857.5
32.5°	978.3	956.8	944.8	909.9	884.4	858.9	846.8	840.1	834.7	829.4	824.0
35°	939.4	917.9	899.1	866.9	841.4	824.0	814.6	803.9	799.8	794.5	794.5
37.5°	891.1	875.0	856.2	825.3	802.5	789.1	781.0	767.6	766.3	763.6	759.6
40°	849.5	833.4	815.9	789.1	769.0	752.9	742.1	735.4	731.4	728.7	726.0
42.5°	805.2	787.8	779.7	748.8	731.4	715.3	709.9	703.2	701.9	696.5	689.8
45°	762.3	747.5	731.4	708.6	693.8	680.4	672.3	667.0	660.3	658.9	654.9
47.5°	724.7	707.2	692.5	671.0	654.9	644.2	637.4	630.7	625.4	621.3	617.3
50°	676.4	662.9	650.9	628.1	614.6	603.9	594.5	589.1	583.8	583.8	583.8
52.5°	629.4	617.3	606.6	590.5	574.4	565.0	554.2	550.2	547.5	543.5	547.5
55°	583.8	571.7	561.0	548.9	530.1	522.0	511.3	507.3	508.6	508.6	512.6
57.5°	535.5	526.1	519.4	504.6	487.1	479.1	472.4	468.4	468.4	473.7	475.1
60°	488.5	479.1	467.0	453.6	442.9	433.5	429.4	430.8	430.8	433.5	440.2
62.5°	436.1	430.8	424.1	405.3	398.6	391.9	386.5	390.5	389.2	395.9	405.3
65°	387.8	382.5	373.1	363.7	355.6	348.9	347.6	348.9	351.6	358.3	369.0
67.5°	334.2	334.2	326.1	318.1	311.3	304.6	306.0	307.3	310.0	318.1	334.2
70°	289.9	284.5	276.5	271.1	265.7	263.0	260.3	265.7	273.8	279.1	291.2
72.5°	241.6	237.5	230.8	225.5	224.1	221.4	220.1	222.8	230.8	240.2	253.6
75°	190.6	191.9	187.9	183.9	183.9	179.8	182.5	182.5	190.6	200.0	210.7
77.5°	147.6	146.3	144.9	142.3	140.9	140.9	140.9	143.6	151.6	157.0	167.7
80°	104.7	106.0	102.0	103.3	102.0	103.3	103.3	108.7	112.7	119.4	127.5
82.5°	69.8	69.8	67.1	68.4	68.4	68.4	69.8	72.5	77.8	83.2	88.6
85°	38.9	40.3	37.6	40.3	40.3	40.3	41.6	42.9	47.0	48.3	53.7
87.5°	14.8	17.4	17.4	14.8	16.1	17.4	18.8	17.4	20.1	22.8	24.2
90°	6.2	6.9	7.5	8.7	9.8	11.0	12.2	13.0	13.9	14.7	15.6
92.5°	26.3	26.7	27.5	29.0	30.5	32.1	33.6	34.8	36.0	37.1	38.3
95°	51.0	51.2	52.0	53.7	55.4	57.1	58.8	60.0	61.2	62.3	63.5
97.5°	77.0	77.1	78.3	80.7	83.0	85.4	87.8	88.8	89.8	90.9	91.9
100°	106.9	106.9	108.0	110.2	112.4	114.6	116.8	118.3	119.9	121.4	122.9
102.5°	143.2	143.6	144.0	144.9	145.7	146.6	147.4	149.1	150.8	152.5	154.2
105°	177.5	177.9	178.4	179.4	180.5	181.5	182.5	183.5	184.5	185.6	186.6
107.5°	214.9	215.3	215.7	216.6	217.4	218.3	219.1	219.6	220.1	220.6	221.1
110°	253.9	254.3	254.6	255.1	255.6	256.1	256.6	257.1	257.6	258.1	258.6

TEST NUMBER: P1027494

CATALOG NUMBER: S125DIP-B1090D850UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	291.5	291.7	292.0	292.7	293.4	294.0	294.7	294.9	295.1	295.2	295.4
115°	331.9	332.2	332.4	332.7	333.0	333.4	333.7	333.5	333.3	333.2	333.0
117.5°	369.5	369.6	369.8	370.1	370.4	370.8	371.1	371.3	371.5	371.6	371.8
120°	408.9	409.3	409.4	409.5	409.7	409.8	410.0	410.0	410.0	410.0	410.0
122.5°	445.8	445.9	446.2	446.7	447.2	447.7	448.2	448.0	447.9	447.7	447.6
125°	484.4	484.9	485.0	485.1	485.3	485.4	485.6	485.3	484.9	484.6	484.3
127.5°	521.2	521.5	521.6	521.8	521.9	522.1	522.3	522.1	521.9	521.8	521.6
130°	557.0	557.4	557.6	557.9	558.2	558.6	558.9	558.7	558.6	558.4	558.3
132.5°	594.0	594.8	594.7	594.6	594.4	594.3	594.1	593.9	593.7	593.6	593.4
135°	628.7	629.2	629.3	629.5	629.6	629.8	630.0	630.0	630.0	630.0	630.0
137.5°	663.1	663.6	663.8	664.1	664.4	664.8	665.1	665.3	665.4	665.6	665.7
140°	695.2	695.6	695.9	696.4	696.9	697.4	697.9	698.2	698.6	698.9	699.2
142.5°	727.4	727.7	728.0	728.7	729.4	730.1	730.8	731.0	731.1	731.3	731.4
145°	759.5	759.8	760.1	760.6	761.1	761.6	762.1	762.1	762.1	762.1	762.1
147.5°	788.5	788.8	789.0	789.3	789.6	790.0	790.3	790.8	791.3	791.8	792.3
150°	815.6	815.5	815.8	816.5	817.2	817.9	818.6	818.6	818.6	818.6	818.6
152.5°	842.0	842.2	842.3	842.5	842.6	842.8	843.0	843.5	844.0	844.5	845.0
155°	865.9	865.9	866.0	866.2	866.3	866.5	866.7	867.4	868.0	868.7	869.4
157.5°	887.5	887.3	887.4	887.6	887.7	887.9	888.1	888.8	889.4	890.1	890.8
160°	906.7	906.4	906.5	906.6	906.8	906.9	907.1	907.8	908.5	909.2	909.9
162.5°	924.9	924.7	924.7	924.7	924.7	924.7	924.7	925.5	926.4	927.2	928.1
165°	940.2	940.0	940.1	940.2	940.4	940.5	940.7	941.4	942.1	942.8	943.5
167.5°	952.5	952.2	952.2	952.2	952.2	952.2	952.2	953.2	954.2	955.3	956.3
170°	963.2	962.9	962.9	962.9	962.9	962.9	962.9	963.9	964.9	966.0	967.0
172.5°	970.8	970.5	970.5	970.5	970.5	970.5	970.5	971.5	972.5	973.6	974.6
175°	976.2	975.9	975.9	975.9	975.9	975.9	975.9	976.9	977.9	978.9	979.9
177.5°	980.0	979.7	979.6	979.4	979.3	979.1	978.9	979.9	980.9	982.0	983.0
180°	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2

TEST NUMBER: P1027494

CATALOG NUMBER: S125DIP-B1090D850UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9
2.5°	1499.0	1489.6	1488.3	1491.0	1485.6	1493.6	1491.0	1493.6	1486.9	1493.6	1489.6
5°	1395.7	1393.0	1387.6	1380.9	1382.3	1383.6	1390.3	1383.6	1389.0	1390.3	1397.0
7.5°	1299.1	1293.7	1297.7	1295.0	1283.0	1280.3	1283.0	1287.0	1295.0	1300.4	1304.4
10°	1221.2	1218.5	1213.2	1209.1	1202.4	1198.4	1203.8	1198.4	1209.1	1218.5	1218.5
12.5°	1162.2	1151.4	1144.7	1143.4	1128.6	1131.3	1136.7	1140.7	1152.8	1158.1	1158.1
15°	1100.4	1092.4	1089.7	1084.3	1079.0	1084.3	1081.7	1085.7	1091.0	1096.4	1099.1
17.5°	1046.8	1045.4	1046.8	1033.3	1037.4	1030.7	1032.0	1038.7	1034.7	1038.7	1046.8
20°	998.4	1001.1	997.1	991.7	991.7	983.7	993.1	990.4	991.7	999.8	1011.9
22.5°	962.2	960.9	956.8	952.8	947.5	948.8	950.1	947.5	958.2	964.9	966.2
25°	923.3	920.6	919.3	915.2	909.9	915.2	913.9	915.2	917.9	928.7	920.6
27.5°	887.1	881.7	884.4	880.4	879.0	880.4	880.4	881.7	884.4	885.7	887.1
30°	856.2	850.8	849.5	846.8	845.5	846.8	849.5	846.8	857.5	856.2	856.2
32.5°	822.6	818.6	815.9	815.9	814.6	813.3	814.6	815.9	824.0	818.6	824.0
35°	790.4	787.8	787.8	785.1	783.7	783.7	783.7	789.1	786.4	790.4	790.4
37.5°	759.6	759.6	758.2	755.5	754.2	755.5	754.2	756.9	755.5	756.9	758.2
40°	727.4	724.7	723.3	723.3	719.3	715.3	719.3	719.3	720.7	724.7	726.0
42.5°	688.4	689.8	689.8	684.4	684.4	684.4	685.8	687.1	687.1	689.8	689.8
45°	654.9	652.2	652.2	652.2	649.5	650.9	653.6	653.6	653.6	653.6	650.9
47.5°	617.3	617.3	618.7	618.7	622.7	621.3	621.3	620.0	617.3	617.3	618.7
50°	582.4	586.5	587.8	587.8	589.1	590.5	590.5	587.8	586.5	582.4	582.4
52.5°	548.9	551.6	554.2	558.3	561.0	559.6	559.6	556.9	551.6	550.2	548.9
55°	512.6	516.7	522.0	526.1	530.1	531.4	531.4	526.1	520.7	514.0	514.0
57.5°	479.1	483.1	492.5	496.5	501.9	501.9	499.2	495.2	487.1	481.8	477.8
60°	445.5	452.3	459.0	467.0	473.7	475.1	471.0	465.7	456.3	449.6	444.2
62.5°	409.3	416.0	429.4	437.5	442.9	442.9	442.9	436.1	424.1	414.7	406.6
65°	374.4	381.1	393.2	403.9	408.0	412.0	408.0	401.3	391.9	381.1	373.1
67.5°	338.2	346.2	358.3	366.4	371.7	375.8	373.1	367.7	355.6	340.9	335.5
70°	297.9	301.9	319.4	327.4	335.5	338.2	335.5	327.4	315.4	299.3	293.9
72.5°	260.3	264.4	280.5	287.2	293.9	296.6	292.6	287.2	276.5	261.7	255.0
75°	217.4	224.1	232.2	242.9	251.0	253.6	249.6	245.6	232.2	222.8	217.4
77.5°	171.8	178.5	189.2	198.6	206.7	205.3	200.0	201.3	186.5	175.8	171.8
80°	130.2	135.5	143.6	151.6	155.7	155.7	154.3	149.0	143.6	135.5	128.8
82.5°	89.9	96.6	103.3	108.7	108.7	110.0	107.4	106.0	100.6	93.9	92.6
85°	53.7	55.0	60.4	60.4	65.8	63.1	61.7	65.8	60.4	56.4	55.0
87.5°	24.2	22.8	24.2	24.2	22.8	25.5	25.5	24.2	25.5	24.2	24.2
90°	16.0	16.3	16.8	17.3	17.8	18.3	17.8	17.3	16.8	16.3	16.0
92.5°	38.9	39.1	39.4	39.8	40.1	40.5	40.1	39.8	39.4	39.1	38.9
95°	64.1	64.3	64.6	65.0	65.3	65.7	65.3	65.0	64.6	64.3	64.1
97.5°	92.4	92.5	92.7	92.8	93.0	93.2	93.0	92.8	92.7	92.5	92.4
100°	123.7	123.9	124.2	124.5	124.9	125.2	124.9	124.5	124.2	123.9	123.7
102.5°	155.0	155.3	155.8	156.3	156.8	157.3	156.8	156.3	155.8	155.3	155.0
105°	187.1	187.4	187.9	188.4	188.9	189.4	188.9	188.4	187.9	187.4	187.1
107.5°	221.4	221.4	221.4	221.4	221.4	221.4	221.4	221.4	221.4	221.4	221.4
110°	258.9	258.8	258.6	258.5	258.3	258.1	258.3	258.5	258.6	258.8	258.9

TEST NUMBER: P1027494

CATALOG NUMBER: S125DIP-B1090D850UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	295.5	295.3	295.0	294.7	294.3	294.0	294.3	294.7	295.0	295.3	295.5
115°	332.9	332.8	332.7	332.5	332.4	332.2	332.4	332.5	332.7	332.8	332.9
117.5°	371.9	371.6	370.9	370.2	369.5	368.8	369.5	370.2	370.9	371.6	371.9
120°	410.0	409.7	409.0	408.3	407.7	407.0	407.7	408.3	409.0	409.7	410.0
122.5°	447.5	447.2	446.7	446.2	445.7	445.2	445.7	446.2	446.7	447.2	447.5
125°	484.1	484.0	483.8	483.7	483.5	483.3	483.5	483.7	483.8	484.0	484.1
127.5°	521.5	521.3	521.0	520.7	520.3	520.0	520.3	520.7	521.0	521.3	521.5
130°	558.2	558.0	557.7	557.4	557.0	556.7	557.0	557.4	557.7	558.0	558.2
132.5°	593.3	593.0	592.5	592.0	591.5	591.0	591.5	592.0	592.5	593.0	593.3
135°	630.0	629.7	629.0	628.3	627.6	626.9	627.6	628.3	629.0	629.7	630.0
137.5°	665.8	665.4	664.5	663.7	662.8	662.0	662.8	663.7	664.5	665.4	665.8
140°	699.4	699.0	698.1	697.3	696.4	695.6	696.4	697.3	698.1	699.0	699.4
142.5°	731.5	731.1	730.2	729.4	728.5	727.7	728.5	729.4	730.2	731.1	731.5
145°	762.1	761.8	761.3	760.8	760.3	759.8	760.3	760.8	761.3	761.8	762.1
147.5°	792.6	791.9	790.6	789.2	787.9	786.5	787.9	789.2	790.6	791.9	792.6
150°	818.6	818.4	818.1	817.7	817.4	817.0	817.4	817.7	818.1	818.4	818.6
152.5°	845.3	845.0	844.3	843.6	842.9	842.2	842.9	843.6	844.3	845.0	845.3
155°	869.7	869.3	868.4	867.6	866.7	865.9	866.7	867.6	868.4	869.3	869.7
157.5°	891.1	890.5	889.3	888.2	887.0	885.8	887.0	888.2	889.3	890.5	891.1
160°	910.2	909.8	908.9	908.1	907.2	906.4	907.2	908.1	908.9	909.8	910.2
162.5°	928.5	928.0	927.0	925.9	924.9	923.9	924.9	925.9	927.0	928.0	928.5
165°	943.8	943.3	942.3	941.2	940.2	939.2	940.2	941.2	942.3	943.3	943.8
167.5°	956.8	956.3	955.3	954.2	953.2	952.2	953.2	954.2	955.3	956.3	956.8
170°	967.5	966.9	965.7	964.5	963.3	962.1	963.3	964.5	965.7	966.9	967.5
172.5°	975.1	974.6	973.6	972.5	971.5	970.5	971.5	972.5	973.6	974.6	975.1
175°	980.4	979.8	978.6	977.5	976.3	975.1	976.3	977.5	978.6	979.8	980.4
177.5°	983.5	982.9	981.7	980.6	979.4	978.2	979.4	980.6	981.7	982.9	983.5
180°	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2

TEST NUMBER: P1027494

CATALOG NUMBER: S125DIP-B1090D850UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9	1580.9
2.5°	1501.7	1493.6	1503.0	1491.0	1493.6	1508.4	1507.1	1520.5	1528.5	1527.2	1533.9
5°	1402.4	1402.4	1406.4	1405.1	1418.5	1430.6	1446.7	1460.1	1474.9	1482.9	1492.3
7.5°	1304.4	1317.8	1320.5	1327.2	1343.3	1363.5	1379.6	1399.7	1421.2	1435.9	1446.7
10°	1223.9	1234.6	1245.4	1250.7	1268.2	1295.0	1317.8	1350.1	1376.9	1393.0	1407.8
12.5°	1152.8	1164.9	1170.2	1194.4	1206.5	1223.9	1256.1	1291.0	1320.5	1338.0	1350.1
15°	1101.8	1108.5	1120.6	1135.3	1147.4	1168.9	1195.7	1234.6	1262.8	1277.6	1319.2
17.5°	1058.8	1066.9	1073.6	1080.3	1099.1	1121.9	1147.4	1181.0	1217.2	1242.7	1264.2
20°	1014.6	1018.6	1026.6	1037.4	1050.8	1072.3	1095.1	1130.0	1162.2	1182.3	1210.5
22.5°	962.2	974.3	982.3	990.4	1005.2	1029.3	1050.8	1076.3	1116.5	1139.4	1168.9
25°	931.3	936.7	942.1	951.5	962.2	983.7	1007.8	1034.7	1066.9	1091.0	1116.5
27.5°	891.1	899.1	905.8	917.9	924.6	942.1	964.9	991.7	1030.7	1050.8	1072.3
30°	857.5	865.6	871.0	876.3	885.7	904.5	926.0	947.5	983.7	1009.2	1030.7
32.5°	824.0	832.0	838.7	842.8	852.2	864.2	881.7	908.5	939.4	956.8	985.0
35°	794.5	794.5	802.5	807.9	815.9	826.7	842.8	862.9	895.1	917.9	943.4
37.5°	760.9	762.3	769.0	773.0	781.0	791.8	807.9	826.7	853.5	871.0	896.5
40°	726.0	730.0	732.7	739.4	748.8	752.9	769.0	790.4	817.3	833.4	854.9
42.5°	691.1	693.8	700.5	705.9	713.9	720.7	731.4	751.5	771.6	795.8	813.3
45°	652.2	658.9	662.9	672.3	676.4	683.1	693.8	709.9	734.1	748.8	769.0
47.5°	618.7	621.3	624.0	636.1	644.2	648.2	658.9	668.3	693.8	707.2	726.0
50°	582.4	582.4	586.5	591.8	601.2	609.3	618.7	629.4	649.5	662.9	681.7
52.5°	548.9	544.9	547.5	550.2	559.6	567.7	577.1	591.8	610.6	618.7	634.8
55°	512.6	505.9	510.0	514.0	516.7	527.4	538.1	547.5	562.3	574.4	589.1
57.5°	473.7	472.4	469.7	471.0	477.8	484.5	492.5	504.6	522.0	531.4	539.5
60°	438.8	430.8	428.1	430.8	434.8	438.8	449.6	460.3	475.1	484.5	493.9
62.5°	402.6	394.5	389.2	385.2	389.2	398.6	405.3	413.3	425.4	436.1	444.2
65°	367.7	355.6	350.3	347.6	346.2	352.9	358.3	369.0	379.8	383.8	393.2
67.5°	328.8	318.1	311.3	307.3	307.3	307.3	312.7	323.4	334.2	335.5	344.9
70°	289.9	277.8	271.1	265.7	263.0	265.7	272.4	273.8	283.2	285.8	291.2
72.5°	248.3	237.5	229.5	222.8	224.1	226.8	226.8	229.5	234.8	241.6	241.6
75°	209.4	194.6	190.6	185.2	182.5	182.5	182.5	187.9	191.9	197.3	195.9
77.5°	165.1	157.0	149.0	146.3	142.3	140.9	143.6	143.6	146.3	150.3	151.6
80°	127.5	118.1	112.7	110.0	104.7	103.3	104.7	104.7	108.7	107.4	108.7
82.5°	88.6	81.9	77.8	73.8	71.1	72.5	71.1	71.1	72.5	71.1	71.1
85°	51.0	49.7	47.0	45.6	44.3	41.6	44.3	42.9	41.6	40.3	42.9
87.5°	24.2	22.8	22.8	20.1	20.1	18.8	20.1	20.1	18.8	18.8	18.8
90°	15.6	14.7	13.9	13.0	12.2	11.0	9.8	8.7	7.5	6.9	6.2
92.5°	38.3	37.1	36.0	34.8	33.6	32.1	30.5	29.0	27.5	26.7	26.3
95°	63.5	62.3	61.2	60.0	58.8	57.1	55.4	53.7	52.0	51.2	51.0
97.5°	91.9	90.9	89.8	88.8	87.8	85.4	83.0	80.7	78.3	77.1	77.0
100°	122.9	121.4	119.9	118.3	116.8	114.6	112.4	110.2	108.0	106.9	106.9
102.5°	154.2	152.5	150.8	149.1	147.4	146.6	145.7	144.9	144.0	143.6	143.2
105°	186.6	185.6	184.5	183.5	182.5	181.5	180.5	179.4	178.4	177.9	177.5
107.5°	221.1	220.6	220.1	219.6	219.1	218.3	217.4	216.6	215.7	215.3	214.9
110°	258.6	258.1	257.6	257.1	256.6	256.1	255.6	255.1	254.6	254.3	253.9

TEST NUMBER: P1027494

CATALOG NUMBER: S125DIP-B1090D850UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	295.4	295.2	295.1	294.9	294.7	294.0	293.4	292.7	292.0	291.7	291.5
115°	333.0	333.2	333.3	333.5	333.7	333.4	333.0	332.7	332.4	332.2	331.9
117.5°	371.8	371.6	371.5	371.3	371.1	370.8	370.4	370.1	369.8	369.6	369.5
120°	410.0	410.0	410.0	410.0	410.0	409.8	409.7	409.5	409.4	409.3	408.9
122.5°	447.6	447.7	447.9	448.0	448.2	447.7	447.2	446.7	446.2	445.9	445.8
125°	484.3	484.6	484.9	485.3	485.6	485.4	485.3	485.1	485.0	484.9	484.4
127.5°	521.6	521.8	521.9	522.1	522.3	522.1	521.9	521.8	521.6	521.5	521.2
130°	558.3	558.4	558.6	558.7	558.9	558.6	558.2	557.9	557.6	557.4	557.0
132.5°	593.4	593.6	593.7	593.9	594.1	594.3	594.4	594.6	594.7	594.8	594.0
135°	630.0	630.0	630.0	630.0	630.0	629.8	629.6	629.5	629.3	629.2	628.7
137.5°	665.7	665.6	665.4	665.3	665.1	664.8	664.4	664.1	663.8	663.6	663.1
140°	699.2	698.9	698.6	698.2	697.9	697.4	696.9	696.4	695.9	695.6	695.2
142.5°	731.4	731.3	731.1	731.0	730.8	730.1	729.4	728.7	728.0	727.7	727.4
145°	762.1	762.1	762.1	762.1	762.1	761.6	761.1	760.6	760.1	759.8	759.5
147.5°	792.3	791.8	791.3	790.8	790.3	790.0	789.6	789.3	789.0	788.8	788.5
150°	818.6	818.6	818.6	818.6	818.6	817.9	817.2	816.5	815.8	815.5	815.6
152.5°	845.0	844.5	844.0	843.5	843.0	842.8	842.6	842.5	842.3	842.2	842.0
155°	869.4	868.7	868.0	867.4	866.7	866.5	866.3	866.2	866.0	865.9	865.9
157.5°	890.8	890.1	889.4	888.8	888.1	887.9	887.7	887.6	887.4	887.3	887.5
160°	909.9	909.2	908.5	907.8	907.1	906.9	906.8	906.6	906.5	906.4	906.7
162.5°	928.1	927.2	926.4	925.5	924.7	924.7	924.7	924.7	924.7	924.7	924.9
165°	943.5	942.8	942.1	941.4	940.7	940.5	940.4	940.2	940.1	940.0	940.2
167.5°	956.3	955.3	954.2	953.2	952.2	952.2	952.2	952.2	952.2	952.2	952.5
170°	967.0	966.0	964.9	963.9	962.9	962.9	962.9	962.9	962.9	962.9	963.2
172.5°	974.6	973.6	972.5	971.5	970.5	970.5	970.5	970.5	970.5	970.5	970.8
175°	979.9	978.9	977.9	976.9	975.9	975.9	975.9	975.9	975.9	975.9	976.2
177.5°	983.0	982.0	980.9	979.9	978.9	979.1	979.3	979.4	979.6	979.7	980.0
180°	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2	981.2

TEST NUMBER: P1027494

CATALOG NUMBER: S125DIP-B1090D850UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1580.9	1580.9	1580.9	1580.9
2.5°	1543.3	1556.7	1566.1	1583.6
5°	1508.4	1532.6	1555.4	1579.5
7.5°	1473.5	1501.7	1537.9	1568.8
10°	1434.6	1470.8	1513.8	1555.4
12.5°	1395.7	1438.6	1485.6	1540.6
15°	1348.7	1403.7	1458.8	1517.8
17.5°	1307.1	1363.5	1422.5	1496.3
20°	1260.1	1321.9	1386.3	1461.4
22.5°	1218.5	1287.0	1354.1	1433.3
25°	1171.6	1238.7	1312.5	1397.0
27.5°	1132.6	1194.4	1266.8	1358.1
30°	1085.7	1152.8	1225.2	1316.5
32.5°	1041.4	1105.8	1182.3	1272.2
35°	995.8	1061.5	1130.0	1215.9
37.5°	952.8	1009.2	1077.6	1159.5
40°	904.5	966.2	1028.0	1092.4
42.5°	860.2	916.6	974.3	1025.3
45°	810.6	858.9	913.9	955.5
47.5°	764.9	807.9	850.8	883.0
50°	719.3	752.9	785.1	813.3
52.5°	665.6	703.2	720.7	738.1
55°	617.3	638.8	654.9	672.3
57.5°	570.3	579.7	587.8	603.9
60°	508.6	519.4	528.7	540.8
62.5°	454.9	460.3	463.0	475.1
65°	403.9	402.6	409.3	416.0
67.5°	348.9	347.6	354.3	357.0
70°	295.2	293.9	295.2	301.9
72.5°	244.2	244.2	245.6	248.3
75°	197.3	197.3	198.6	201.3
77.5°	149.0	151.6	150.3	155.7
80°	108.7	106.0	108.7	111.4
82.5°	71.1	73.8	73.8	71.1
85°	40.3	40.3	40.3	40.3
87.5°	17.4	17.4	18.8	20.1
90°	4.9	3.5	2.2	0.8
92.5°	25.4	24.6	23.7	22.9
95°	50.7	50.3	50.0	49.6
97.5°	76.9	76.7	76.6	76.4
100°	106.9	106.9	106.9	106.9
102.5°	142.3	141.4	140.6	139.7
105°	176.6	175.8	174.9	174.1
107.5°	214.0	213.2	212.3	211.5
110°	253.0	252.2	251.3	250.5



TEST NUMBER: P1027494

CATALOG NUMBER: S125DIP-B1090D850UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	291.2	290.9	290.5	290.2
115°	331.2	330.5	329.8	329.1
117.5°	369.3	369.2	369.0	368.8
120°	408.0	407.2	406.3	405.5
122.5°	445.7	445.5	445.4	445.2
125°	483.4	482.3	481.3	480.3
127.5°	520.7	520.2	519.7	519.2
130°	556.1	555.3	554.4	553.6
132.5°	592.5	591.0	589.5	588.0
135°	627.7	626.6	625.6	624.6
137.5°	662.1	661.0	660.0	659.0
140°	694.3	693.5	692.6	691.8
142.5°	726.7	726.0	725.3	724.6
145°	758.8	758.1	757.4	756.7
147.5°	788.0	787.5	787.0	786.5
150°	815.8	815.9	816.1	816.3
152.5°	841.7	841.4	841.0	840.7
155°	865.9	865.9	865.9	865.9
157.5°	887.8	888.1	888.5	888.8
160°	907.2	907.7	908.2	908.7
162.5°	925.2	925.5	925.9	926.2
165°	940.5	940.8	941.2	941.5
167.5°	953.2	953.9	954.5	955.2
170°	963.9	964.6	965.2	965.9
172.5°	971.5	972.2	972.9	973.6
175°	976.9	977.6	978.2	978.9
177.5°	980.7	981.4	982.0	982.7
180°	981.2	981.2	981.2	981.2

(END OF REPORT)