

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: io LED

Report Number: A1916331A001

Luminaire Tested:

Test Date: 2019-09-27



Test Information

Test Method: LM-41-14
Report Number: A1916331A001
Test Lab: EVERFINE
Test Date: 2019-09-27
Issue Date: 2019-09-27 14:30:19
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: io LED
Catalog Number:
Description: LCR8509FSE010MW*
Light Source: -
Ballast/Driver: -

Summary

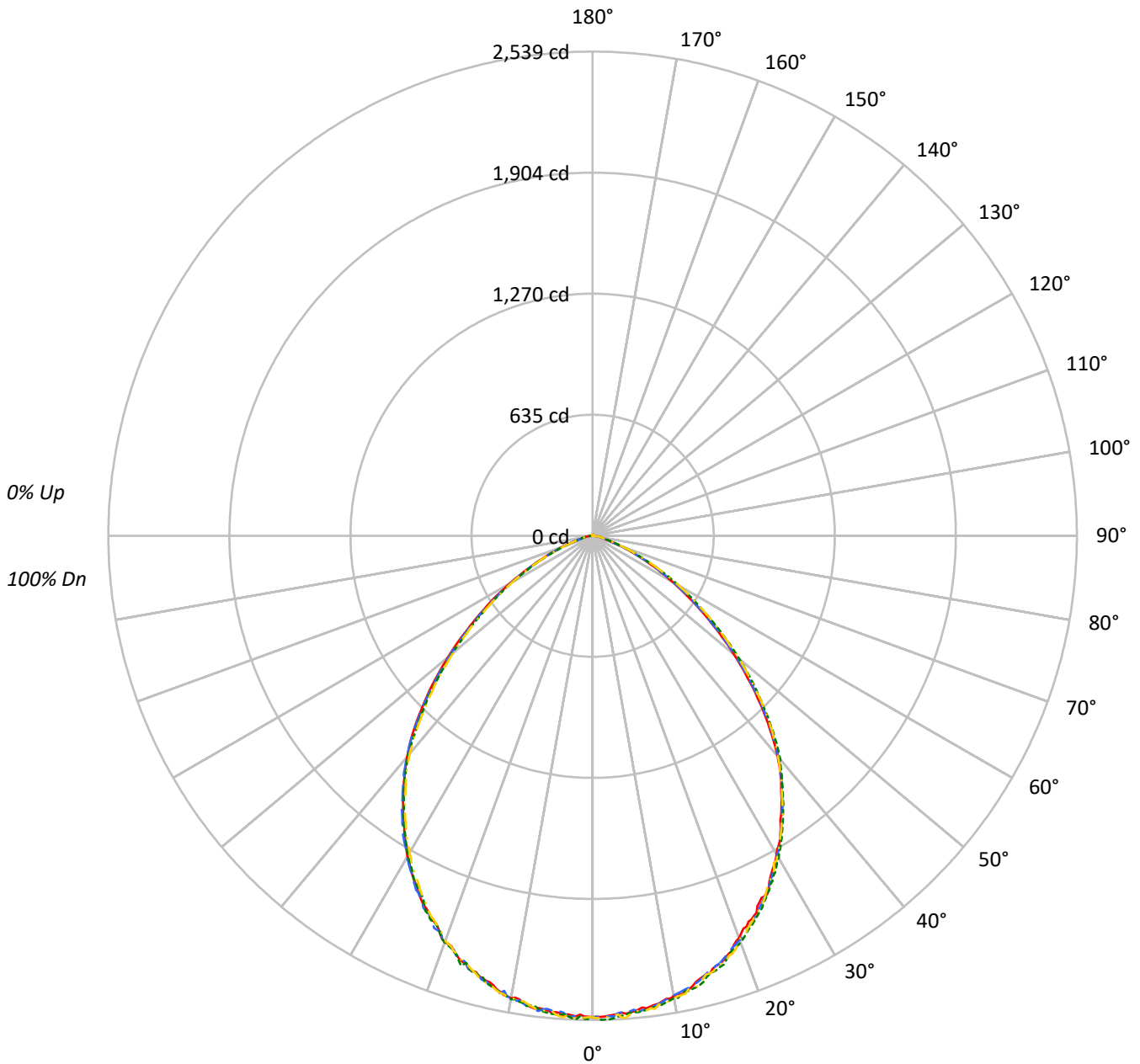
Lumens per Lamp: N/A
Luminaire Lumens: 4999.2 lumens
Efficiency: N/A
Efficacy: 108.3 lumens/watt
Spacing Criteria (0/90/45): 1.15 / 1.15 / 1.23
Luminous Opening: Circular (Dia: 0.2m x H: 0m)
CIE Type: Direct

Input Watts (W): 46.1431
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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CATALOG NUMBER:

Luminous Intensity Polar Plot





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CATALOG NUMBER:

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20									
RC	80									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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100																			
1	111	107	104	101	108	105	102	99	101	98	96	97	95	93	93	92	90	88																			
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	77																			
3	95	86	79	74	93	85	78	73	82	76	72	79	74	71	77	73	69	67																			
4	88	78	70	64	86	76	69	64	74	68	63	72	66	62	70	65	61	59																			
5	82	70	62	57	80	69	62	56	67	61	56	65	60	55	63	58	54	53																			
6	76	64	56	50	74	63	55	50	61	55	50	60	54	49	58	53	49	47																			
7	71	58	51	45	69	58	50	45	56	49	45	55	49	44	54	48	44	42																			
8	66	54	46	41	65	53	46	40	52	45	40	51	44	40	49	44	40	38																			
9	62	50	42	37	61	49	42	37	48	41	37	47	41	36	46	40	36	35																			
10	58	46	39	34	57	45	38	34	44	38	34	44	38	33	43	37	33	32																			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	78001	78001	78001	78001
5°	77620	77806	77825	78024
10°	76889	77228	77275	77436
15°	75979	76086	75748	75814
20°	73792	74586	74541	74584
25°	71401	72359	72150	71583
30°	68813	69572	69320	69109
35°	65068	65716	65371	65103
40°	60829	61719	60992	60531
45°	54157	55320	54968	53827
50°	46432	48209	47558	46216
55°	38097	40207	39436	38067
60°	29802	32054	31181	29940
65°	21626	23420	22615	21697
70°	13883	15202	14674	13764
75°	8180	8966	8746	8090
80°	7112	7614	7512	7044
85°	6285	7051	6909	6108



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CATALOG NUMBER:

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	238.2	4.8
10°-20°	669.6	13.4
20°-30°	971.6	19.4
30°-40°	1082.4	21.7
40°-50°	961.4	19.2
50°-60°	649.2	13.0
60°-70°	309.0	6.2
70°-80°	86.4	1.7
80°-90°	20.9	0.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.4	0.0
120°-130°	1.2	0.0
130°-140°	1.9	0.0
140°-150°	2.2	0.0
150°-160°	2.2	0.0
160°-170°	1.8	0.0
170°-180°	0.7	0.0
0°-30°	1879.4	37.6
0°-40°	2961.8	59.2
0°-60°	4572.4	91.5
0°-90°	4988.8	99.8
90°-120°	0.4	0.0
90°-150°	5.7	0.1
90°-180°	10.0	0.2
0°-180°	4999.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2525	2525	2525	2525	2525	
5°	2503	2509	2509	2516	2503	237
15°	2375	2379	2368	2370	2375	667
25°	2094	2123	2116	2100	2094	966
35°	1725	1742	1733	1726	1725	1078
45°	1239	1266	1258	1232	1239	953
55°	707	746	732	707	707	635
65°	296	320	309	297	296	299
75°	69	75	73	68	69	84
85°	18	20	19	17	18	19
90°	0	1	1	0	0	1
95°	0	0	0	0	0	0
105°	0	0	0	0	0	0
115°	1	0	0	1	1	1
125°	2	1	1	2	2	2
135°	3	2	2	3	3	2
145°	4	2	3	4	4	3
155°	6	4	4	6	6	3
165°	7	6	6	6	7	2
175°	7	7	7	7	7	1
180°	7	7	7	7	7	



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CATALOG NUMBER:

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	2524.6	2524.6	2524.6	2524.6	2524.6	2524.6	2524.6	2524.6	2524.6	2524.6	2524.6
0.5°	2521.7	2533.6	2522.7	2534.5	2530.7	2528.7	2531.0	2537.2	2522.6	2537.8	2526.3
1°	2524.2	2530.0	2532.5	2539.5	2538.8	2529.5	2523.0	2516.7	2521.2	2533.1	2526.4
1.5°	2520.6	2531.7	2524.7	2528.1	2537.8	2528.6	2525.4	2540.2	2512.1	2536.9	2525.4
2°	2518.2	2524.8	2520.6	2537.9	2537.0	2530.9	2525.0	2539.8	2522.4	2524.7	2517.5
2.5°	2514.6	2526.8	2523.6	2518.0	2532.1	2521.5	2518.8	2537.8	2517.9	2522.0	2524.0
3°	2511.2	2526.6	2508.7	2514.3	2525.9	2517.3	2513.8	2523.2	2512.2	2516.7	2522.4
3.5°	2505.3	2514.7	2502.7	2512.3	2521.7	2519.2	2532.1	2516.8	2522.6	2527.6	2505.5
4°	2513.1	2529.4	2507.4	2521.4	2514.7	2513.1	2532.7	2525.7	2508.2	2528.5	2500.1
4.5°	2506.7	2509.9	2501.8	2513.8	2509.9	2510.8	2516.6	2524.3	2505.5	2520.2	2506.5
5°	2502.7	2514.4	2494.9	2519.8	2508.7	2512.2	2514.6	2525.2	2509.3	2524.7	2497.1
5.5°	2496.7	2507.4	2508.5	2501.7	2510.0	2502.5	2501.4	2503.7	2500.1	2519.1	2492.6
6°	2487.2	2499.1	2501.1	2496.2	2506.4	2499.4	2503.0	2520.7	2495.9	2505.8	2497.3
6.5°	2494.7	2499.7	2494.2	2501.5	2502.5	2500.4	2503.7	2509.7	2492.7	2504.0	2508.9
7°	2486.4	2493.9	2493.8	2505.6	2495.4	2499.5	2497.1	2508.0	2497.4	2498.0	2504.1
7.5°	2480.8	2493.9	2486.0	2488.6	2494.0	2501.1	2501.8	2507.4	2492.7	2491.5	2483.6
8°	2478.0	2491.6	2478.9	2480.4	2492.0	2484.9	2483.0	2503.0	2484.5	2497.5	2489.0
8.5°	2468.7	2482.4	2473.3	2486.0	2483.6	2476.6	2483.1	2472.8	2473.4	2488.6	2478.2
9°	2459.6	2474.6	2462.0	2485.7	2476.3	2474.2	2481.2	2482.5	2462.3	2478.5	2465.9
9.5°	2461.3	2472.2	2455.3	2456.5	2469.5	2470.5	2465.6	2486.4	2455.9	2469.8	2475.6
10°	2450.7	2460.1	2447.6	2463.7	2461.6	2468.2	2463.8	2467.0	2463.1	2478.5	2463.9
10.5°	2444.1	2453.0	2440.8	2455.0	2464.8	2450.8	2455.3	2464.9	2454.9	2455.9	2456.5
11°	2450.7	2442.5	2435.2	2463.7	2446.7	2449.4	2453.7	2444.1	2452.0	2452.2	2430.9
11.5°	2438.2	2444.5	2428.5	2448.2	2437.6	2439.1	2449.4	2452.5	2440.1	2447.0	2448.6
12°	2430.8	2428.2	2424.2	2433.8	2440.3	2434.1	2428.6	2449.1	2429.8	2431.8	2420.9
12.5°	2420.1	2433.7	2413.6	2426.3	2433.1	2428.7	2421.6	2432.6	2412.6	2427.1	2425.7
13°	2403.2	2420.7	2408.8	2419.0	2428.9	2422.6	2425.2	2433.4	2402.2	2414.2	2415.6
13.5°	2391.1	2410.9	2398.9	2405.5	2420.3	2407.9	2408.7	2421.5	2399.6	2408.2	2401.2
14°	2384.1	2396.7	2388.0	2401.2	2409.7	2393.4	2394.6	2413.0	2389.7	2395.1	2399.7
14.5°	2376.2	2388.4	2374.0	2395.3	2388.7	2392.7	2376.4	2403.5	2385.2	2397.3	2384.0
15°	2375.3	2373.0	2360.0	2375.4	2378.7	2381.7	2375.5	2394.1	2368.1	2392.0	2367.5
15.5°	2356.7	2364.1	2355.8	2385.9	2371.8	2370.6	2369.6	2366.1	2367.7	2378.6	2368.8
16°	2346.6	2362.2	2345.5	2357.1	2367.7	2359.2	2357.6	2361.4	2362.5	2368.9	2363.2
16.5°	2342.9	2350.8	2340.1	2348.3	2357.3	2348.7	2348.0	2351.9	2340.3	2351.7	2338.7
17°	2333.1	2334.8	2327.0	2339.4	2352.5	2337.3	2331.4	2349.8	2336.0	2339.8	2324.4
17.5°	2319.7	2323.4	2314.6	2329.7	2330.6	2318.4	2332.2	2333.5	2325.2	2319.8	2307.4
18°	2306.3	2318.2	2298.2	2321.3	2313.3	2315.7	2314.1	2326.2	2312.0	2310.1	2316.5
18.5°	2297.0	2307.0	2286.4	2297.5	2297.5	2298.5	2310.0	2312.4	2294.3	2306.7	2290.1
19°	2271.0	2286.7	2276.4	2280.3	2289.5	2281.6	2295.9	2295.3	2276.2	2296.7	2284.3
19.5°	2255.2	2277.5	2264.8	2271.6	2279.1	2279.9	2277.7	2284.8	2271.2	2281.8	2268.0
20°	2244.3	2261.5	2254.8	2263.6	2268.4	2262.8	2250.4	2254.0	2267.1	2274.5	2260.6
20.5°	2224.6	2248.3	2243.5	2256.1	2255.6	2252.5	2244.6	2254.6	2256.7	2258.3	2251.7
21°	2207.0	2237.9	2229.2	2239.0	2240.0	2237.5	2237.6	2242.3	2233.4	2238.4	2225.4



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CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	2177.0	2192.5	2189.9	2190.7	2199.1	2198.6	2189.0	2196.4	2185.0	2206.4	2193.6
23°	2165.1	2175.5	2173.4	2176.9	2184.5	2176.4	2170.1	2181.5	2173.0	2184.4	2178.7
23.5°	2155.3	2161.1	2158.5	2161.5	2169.4	2162.5	2166.1	2175.3	2156.5	2171.2	2155.2
24°	2124.4	2148.5	2142.7	2152.8	2156.8	2146.5	2142.5	2160.1	2140.4	2156.1	2152.4
24.5°	2112.1	2131.5	2127.2	2129.6	2143.3	2133.2	2128.5	2141.6	2132.0	2138.9	2142.2
25°	2094.4	2116.4	2111.9	2118.3	2122.5	2117.2	2116.6	2118.1	2116.4	2120.1	2116.2
25.5°	2094.8	2100.0	2094.8	2101.2	2107.7	2102.3	2099.0	2107.0	2099.7	2105.6	2101.3
26°	2090.7	2084.1	2077.8	2081.6	2087.1	2083.2	2075.7	2085.7	2081.5	2090.1	2083.8
26.5°	2068.1	2067.5	2062.4	2069.8	2075.7	2065.2	2055.3	2071.3	2064.7	2073.6	2074.9
27°	2039.5	2050.0	2044.7	2051.7	2051.9	2048.2	2039.2	2056.2	2045.6	2055.1	2054.2
27.5°	2018.3	2033.8	2025.8	2030.0	2041.7	2033.6	2024.9	2037.8	2031.1	2040.2	2038.0
28°	1998.5	2015.6	2008.5	2014.8	2019.0	2018.3	2014.8	2020.0	2014.2	2027.9	2012.4
28.5°	1982.5	1995.6	1992.6	2000.2	2007.5	1999.8	1994.4	1999.0	1995.8	2010.3	2000.4
29°	1968.0	1975.2	1973.1	1977.0	1986.1	1978.6	1961.0	1982.6	1976.7	1985.1	1981.4
29.5°	1949.0	1961.5	1955.8	1956.0	1968.1	1957.9	1957.8	1959.7	1955.0	1959.4	1964.5
30°	1928.8	1942.1	1936.4	1941.0	1950.1	1941.4	1938.1	1941.0	1943.0	1945.8	1947.1
30.5°	1908.0	1921.6	1919.3	1923.2	1929.1	1924.9	1919.8	1920.1	1920.3	1931.6	1922.5
31°	1894.3	1902.3	1898.2	1903.7	1911.8	1906.9	1900.1	1905.6	1894.4	1901.0	1903.7
31.5°	1876.6	1882.3	1875.5	1883.5	1889.1	1883.3	1878.8	1892.9	1879.0	1891.7	1887.3
32°	1855.3	1863.2	1855.9	1863.5	1871.1	1863.8	1856.1	1869.1	1858.8	1869.0	1870.3
32.5°	1834.3	1843.6	1837.4	1842.7	1848.2	1841.4	1838.5	1846.3	1838.3	1847.5	1851.0
33°	1810.0	1823.0	1816.5	1820.9	1827.9	1821.6	1816.4	1829.0	1812.0	1831.0	1826.4
33.5°	1783.9	1801.6	1794.1	1800.3	1807.1	1796.4	1797.6	1807.4	1795.3	1805.4	1808.0
34°	1767.5	1781.7	1773.0	1780.7	1784.7	1780.6	1780.3	1784.8	1774.9	1788.5	1783.7
34.5°	1747.2	1762.4	1753.5	1757.8	1763.5	1757.7	1761.7	1762.9	1755.1	1772.2	1764.0
35°	1725.1	1740.0	1736.3	1734.8	1742.3	1734.8	1734.9	1740.0	1733.1	1743.0	1745.8
35.5°	1706.2	1718.6	1713.8	1713.9	1721.9	1715.2	1714.2	1721.8	1712.4	1725.1	1721.5
36°	1684.9	1698.3	1692.5	1694.0	1698.9	1695.3	1689.3	1700.7	1691.2	1706.5	1696.4
36.5°	1661.8	1677.6	1670.4	1674.5	1676.2	1674.6	1668.9	1679.0	1668.2	1685.8	1675.7
37°	1642.6	1655.2	1648.8	1652.6	1656.8	1650.1	1646.2	1657.9	1647.8	1660.4	1652.2
37.5°	1622.6	1632.3	1627.5	1630.7	1633.6	1628.0	1622.5	1635.4	1625.4	1639.0	1631.1
38°	1600.4	1612.4	1606.3	1608.5	1612.2	1607.8	1600.3	1614.4	1602.7	1615.1	1610.1
38.5°	1578.5	1589.7	1584.7	1585.1	1591.1	1587.8	1575.7	1598.0	1580.1	1592.0	1588.4
39°	1555.8	1567.7	1563.1	1562.4	1568.4	1565.0	1558.3	1569.9	1559.2	1570.1	1564.1
39.5°	1532.0	1545.5	1541.1	1540.6	1549.2	1542.1	1536.6	1549.1	1535.6	1547.4	1539.7
40°	1508.2	1522.5	1516.1	1516.6	1530.2	1520.9	1514.4	1522.2	1512.2	1524.4	1514.5
40.5°	1482.7	1496.0	1492.0	1491.2	1505.3	1497.9	1490.4	1501.3	1489.1	1498.0	1491.8
41°	1456.5	1469.1	1466.2	1464.7	1479.7	1473.6	1466.3	1479.1	1466.0	1471.3	1466.3
41.5°	1430.0	1443.3	1438.8	1439.0	1457.2	1448.8	1442.6	1449.9	1441.5	1445.4	1441.4
42°	1403.3	1417.5	1412.8	1413.3	1429.2	1424.1	1418.6	1424.9	1417.2	1421.8	1414.2
42.5°	1375.8	1390.3	1387.3	1387.9	1405.0	1397.2	1395.0	1400.4	1392.2	1398.9	1389.1
43°	1348.9	1363.3	1360.5	1362.2	1377.2	1370.7	1367.8	1376.3	1365.8	1372.8	1359.0
43.5°	1322.6	1335.0	1333.5	1335.2	1348.5	1345.0	1341.0	1350.3	1338.9	1344.2	1330.4



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CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	1239.4	1252.7	1250.9	1253.9	1266.0	1267.4	1266.0	1269.6	1258.0	1264.2	1252.3
45.5°	1211.3	1225.0	1223.2	1227.5	1240.5	1240.2	1238.2	1245.2	1230.5	1237.7	1225.7
46°	1184.6	1195.9	1197.6	1200.4	1215.0	1214.4	1211.4	1216.8	1204.5	1208.7	1197.6
46.5°	1159.4	1168.0	1168.2	1173.4	1189.5	1186.8	1184.2	1191.2	1178.4	1179.6	1170.9
47°	1130.0	1140.6	1140.3	1144.5	1163.2	1159.3	1158.1	1163.2	1151.4	1154.7	1142.8
47.5°	1101.4	1112.8	1111.3	1117.1	1137.1	1132.1	1131.8	1136.8	1125.4	1125.8	1114.8
48°	1074.2	1085.6	1084.6	1090.8	1110.9	1104.9	1105.8	1108.7	1098.4	1096.6	1088.3
48.5°	1047.0	1058.0	1057.8	1065.4	1084.3	1077.6	1078.7	1081.5	1070.7	1070.9	1060.5
49°	1019.6	1030.1	1029.9	1037.3	1057.4	1052.2	1053.6	1054.3	1042.7	1042.7	1032.3
49.5°	992.3	1001.8	1002.2	1010.0	1030.0	1025.8	1027.1	1027.4	1015.4	1015.7	1004.6
50°	966.0	976.6	975.7	982.2	1003.0	1000.1	1000.1	1001.4	989.4	989.5	978.3
50.5°	939.6	949.1	948.6	955.8	976.1	973.0	972.7	974.6	963.6	962.7	951.9
51°	913.0	922.0	922.0	929.0	949.7	947.8	945.1	947.9	938.1	934.9	924.3
51.5°	885.7	894.6	894.4	903.2	922.7	921.7	918.7	921.1	911.8	908.5	898.2
52°	860.4	869.5	868.4	876.9	897.5	896.5	893.6	894.7	884.7	883.1	871.8
52.5°	833.9	842.9	842.0	850.4	871.9	870.9	868.8	869.0	857.6	856.0	846.8
53°	807.3	815.1	816.6	824.8	846.5	845.9	843.3	843.2	830.8	830.9	820.7
53.5°	782.1	789.0	789.2	800.2	820.5	821.9	818.0	818.2	805.1	805.7	794.9
54°	757.6	764.3	763.9	774.3	794.4	796.9	794.3	793.5	779.6	780.1	768.3
54.5°	732.6	739.0	739.0	748.2	770.4	772.5	770.4	769.5	755.6	755.3	744.7
55°	707.2	714.7	714.3	723.6	746.4	748.7	747.1	745.1	732.1	730.9	720.2
55.5°	683.0	690.8	691.0	700.0	721.5	724.4	723.3	721.4	708.9	706.5	696.1
56°	659.8	666.6	667.4	676.2	697.1	700.1	699.8	698.0	684.7	682.8	671.4
56.5°	635.8	643.3	644.2	652.8	673.0	677.1	676.0	674.6	662.3	658.5	648.4
57°	612.1	619.3	620.9	629.8	650.4	653.9	651.9	651.3	639.4	635.9	625.6
57.5°	589.5	596.3	597.6	607.0	626.9	630.9	629.4	628.4	617.0	611.6	602.4
58°	567.8	574.8	575.3	584.0	605.0	608.1	607.8	605.7	593.5	588.8	580.8
58.5°	545.5	552.4	553.6	562.3	582.9	586.3	585.8	583.0	570.8	566.0	558.6
59°	523.7	529.7	531.8	539.4	561.5	564.1	564.1	560.7	548.1	543.3	537.0
59.5°	502.9	507.8	510.2	517.6	539.4	542.3	542.1	538.6	526.2	522.2	516.0
60°	482.3	487.0	488.3	496.6	518.7	520.0	520.6	516.9	504.6	500.6	495.1
60.5°	461.8	465.9	468.3	475.5	497.2	498.9	499.9	495.7	483.5	478.7	473.4
61°	441.9	445.2	448.3	455.9	475.9	478.3	479.3	474.8	462.1	457.2	453.4
61.5°	422.2	425.1	428.3	436.1	455.1	457.6	458.4	454.3	441.4	436.2	432.9
62°	402.6	405.8	408.8	416.4	435.2	436.5	437.9	433.7	421.4	416.5	413.2
62.5°	384.5	386.1	389.7	396.2	414.4	416.1	418.0	413.1	401.8	397.3	393.2
63°	365.3	367.5	370.8	377.6	394.8	397.1	398.4	393.1	382.3	378.8	374.6
63.5°	347.4	349.2	352.4	359.5	375.6	377.9	378.6	373.9	363.8	359.7	355.5
64°	329.3	331.2	333.6	341.2	357.1	359.2	359.7	355.8	345.2	341.1	338.0
64.5°	312.8	313.6	316.5	323.4	338.1	340.9	341.5	337.3	326.9	323.5	320.4
65°	295.8	296.8	299.6	305.8	320.4	322.5	322.9	319.3	309.3	305.5	302.9
65.5°	279.6	280.4	283.0	288.9	302.8	304.6	304.9	301.6	292.2	289.3	286.3
66°	263.5	264.5	266.6	272.1	286.5	287.6	287.6	284.5	275.6	272.2	269.7



TEST NUMBER: A1916331A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	218.5	218.7	220.5	225.6	237.9	239.6	239.2	236.3	229.2	226.6	223.5
68°	204.5	204.6	206.2	210.8	223.4	224.6	224.2	221.5	214.6	211.5	209.2
68.5°	191.1	191.2	192.4	196.8	208.4	210.3	209.7	207.2	200.9	197.5	195.6
69°	178.0	178.1	179.1	183.7	194.8	196.7	195.4	193.0	188.1	184.3	182.3
69.5°	165.6	165.6	166.7	170.3	181.2	182.8	181.7	179.7	174.9	172.2	169.4
70°	153.7	154.6	154.9	158.1	168.3	169.3	168.5	166.8	162.4	160.1	157.2
70.5°	142.7	143.2	143.5	146.7	156.5	157.1	156.3	154.9	150.9	148.8	145.9
71°	132.0	132.5	132.8	135.7	144.8	145.5	144.4	143.3	140.1	137.5	135.1
71.5°	122.0	122.5	122.7	125.3	133.5	134.1	133.6	132.2	129.6	127.3	124.8
72°	112.3	113.1	113.2	115.4	123.4	123.8	123.0	122.0	119.9	117.8	114.8
72.5°	103.3	104.2	104.3	106.4	114.0	114.1	113.3	112.4	110.5	108.7	105.7
73°	94.9	96.0	96.1	97.7	104.8	105.2	104.2	103.4	101.8	99.8	97.2
73.5°	87.4	88.4	88.7	90.2	96.5	96.5	95.7	95.0	93.6	92.1	89.6
74°	80.5	81.6	81.9	83.3	88.7	88.9	88.1	87.7	86.4	84.8	82.8
74.5°	74.2	75.2	75.8	77.1	81.7	81.7	81.1	80.9	79.4	78.4	76.4
75°	68.5	69.6	70.3	71.5	75.1	75.1	74.9	74.6	73.3	72.6	70.9
75.5°	63.7	64.7	65.7	66.7	69.4	69.5	69.4	69.3	68.1	67.8	66.5
76°	60.6	61.7	62.3	63.1	64.9	65.1	65.1	65.1	64.2	63.8	62.8
76.5°	57.8	59.0	59.4	60.1	61.4	61.6	61.7	61.5	60.8	60.3	59.6
77°	55.2	56.3	56.7	57.4	58.4	58.6	58.7	58.7	57.9	57.5	56.6
77.5°	52.7	53.7	54.2	54.8	55.9	55.9	56.0	55.9	55.2	54.9	54.1
78°	50.0	50.8	51.5	51.9	53.0	53.2	53.3	53.3	52.5	52.3	51.3
78.5°	47.5	48.4	48.7	49.2	50.3	50.6	50.6	50.5	49.8	49.5	48.7
79°	45.0	45.8	46.2	46.7	47.8	47.9	47.9	47.9	47.3	46.9	46.0
79.5°	42.3	43.2	43.7	44.1	45.4	45.4	45.3	45.2	44.7	44.5	43.8
80°	40.0	40.8	41.1	41.6	42.8	42.7	42.9	42.9	42.2	41.9	41.3
80.5°	37.6	38.5	38.7	39.2	40.3	40.3	40.4	40.4	39.9	39.5	38.9
81°	35.2	35.9	36.2	36.7	37.9	37.9	38.0	37.9	37.5	37.3	36.6
81.5°	33.0	33.5	33.8	34.2	35.5	35.5	35.5	35.4	35.1	34.8	34.2
82°	30.6	31.2	31.5	31.9	33.1	33.2	33.1	33.1	32.7	32.3	31.9
82.5°	28.4	28.9	29.3	29.6	30.7	30.8	30.9	30.8	30.3	30.1	29.6
83°	26.0	26.7	27.0	27.3	28.4	28.6	28.6	28.4	28.1	27.8	27.4
83.5°	23.9	24.4	24.8	25.1	26.2	26.2	26.3	26.1	25.8	25.5	25.2
84°	21.9	22.2	22.6	22.8	23.9	24.1	24.0	23.9	23.6	23.4	23.0
84.5°	19.8	20.3	20.7	20.9	21.9	21.9	22.0	21.9	21.5	21.3	20.9
85°	17.7	18.1	18.5	18.7	19.9	20.0	20.0	19.9	19.5	19.3	18.8
85.5°	15.6	16.0	16.5	16.7	17.8	17.9	17.8	17.7	17.4	17.2	16.8
86°	13.6	14.1	14.3	14.7	15.8	15.8	15.8	15.6	15.4	15.2	14.9
86.5°	11.6	12.2	12.4	12.5	13.9	13.8	13.7	13.6	13.4	13.2	12.8
87°	9.8	10.2	10.4	10.5	11.8	11.8	11.8	11.7	11.5	11.3	10.9
87.5°	8.0	8.5	8.6	8.8	9.9	10.0	9.9	9.8	9.6	9.3	9.2
88°	6.1	6.4	6.6	6.8	8.1	8.1	8.2	8.0	7.7	7.5	7.1
88.5°	4.3	4.6	4.8	4.9	6.1	6.2	6.1	6.0	5.9	5.6	5.4



TEST NUMBER: A1916331A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.0	0.1	0.0	0.0	0.8	0.9	0.8	0.7	0.6	0.4	0.2
90.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.5°	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.5°	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.5°	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.5°	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.5°	0.0	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: A1916331A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
112.5°	0.2	0.5	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.3	0.6	0.5	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0
113.5°	0.5	0.6	0.4	0.5	0.0	0.0	0.0	0.0	0.1	0.0	0.0
114°	0.6	0.7	0.5	0.5	0.1	0.0	0.1	0.1	0.1	0.0	0.1
114.5°	0.7	0.8	0.6	0.7	0.1	0.0	0.1	0.1	0.1	0.0	0.1
115°	0.8	0.9	0.7	0.7	0.2	0.1	0.2	0.1	0.1	0.0	0.1
115.5°	0.9	1.0	0.8	0.9	0.1	0.1	0.1	0.1	0.1	0.0	0.2
116°	0.9	1.0	0.9	0.9	0.3	0.1	0.2	0.2	0.1	0.1	0.2
116.5°	0.9	1.1	1.0	0.9	0.3	0.2	0.2	0.2	0.2	0.1	0.2
117°	0.9	1.1	1.1	1.0	0.3	0.3	0.2	0.3	0.3	0.2	0.3
117.5°	1.0	1.1	1.1	0.9	0.3	0.3	0.3	0.3	0.3	0.1	0.3
118°	1.1	1.1	1.2	0.9	0.4	0.3	0.3	0.3	0.4	0.2	0.3
118.5°	1.1	1.2	1.2	1.1	0.4	0.3	0.3	0.3	0.4	0.2	0.3
119°	1.1	1.3	1.1	1.1	0.4	0.3	0.3	0.5	0.4	0.1	0.3
119.5°	1.2	1.2	1.3	1.3	0.4	0.3	0.5	0.5	0.4	0.2	0.3
120°	1.2	1.3	1.3	1.3	0.4	0.3	0.4	0.5	0.5	0.3	0.3
120.5°	1.3	1.3	1.3	1.3	0.5	0.3	0.5	0.5	0.5	0.3	0.5
121°	1.3	1.3	1.3	1.3	0.5	0.5	0.5	0.5	0.6	0.5	0.4
121.5°	1.3	1.3	1.3	1.3	0.5	0.5	0.6	0.6	0.6	0.5	0.5
122°	1.3	1.3	1.3	1.3	0.6	0.5	0.6	0.7	0.6	0.5	0.5
122.5°	1.3	1.3	1.3	1.3	0.6	0.6	0.6	0.7	0.7	0.5	0.5
123°	1.3	1.4	1.3	1.3	0.7	0.6	0.7	0.7	0.7	0.6	0.6
123.5°	1.4	1.6	1.5	1.3	0.7	0.7	0.7	0.8	0.8	0.7	0.7
124°	1.8	1.8	1.7	1.6	0.8	0.6	0.7	0.8	0.8	0.7	0.7
124.5°	2.0	2.1	1.9	1.9	0.7	0.8	0.7	0.9	0.9	0.7	0.7
125°	2.3	2.2	2.1	2.1	0.8	0.8	0.9	0.9	0.9	0.9	0.8
125.5°	2.3	2.2	2.3	2.3	0.8	0.9	0.9	0.9	1.0	0.9	1.0
126°	2.2	2.3	2.3	2.3	0.9	1.0	0.9	0.9	1.0	1.0	1.1
126.5°	2.2	2.3	2.3	2.3	0.9	1.0	0.9	1.1	1.0	1.0	1.1
127°	2.2	2.3	2.3	2.3	0.9	1.1	1.0	1.1	1.1	1.0	1.1
127.5°	2.2	2.3	2.3	2.3	1.1	1.1	1.0	1.1	1.1	1.1	1.1
128°	2.2	2.3	2.3	2.3	1.1	1.1	1.1	1.1	1.2	1.1	1.1
128.5°	2.2	2.3	2.3	2.3	1.2	1.2	1.2	1.2	1.2	1.1	1.2
129°	2.3	2.3	2.3	2.3	1.2	1.2	1.1	1.2	1.3	1.2	1.2
129.5°	2.3	2.3	2.3	2.3	1.3	1.2	1.3	1.3	1.3	1.2	1.3
130°	2.3	2.3	2.3	2.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3
130.5°	2.3	2.3	2.3	2.3	1.3	1.3	1.3	1.4	1.5	1.4	1.4
131°	2.5	2.7	2.5	2.4	1.3	1.4	1.3	1.5	1.4	1.4	1.4
131.5°	2.7	2.9	2.8	2.4	1.5	1.4	1.5	1.5	1.5	1.5	1.5
132°	2.9	2.9	2.9	2.7	1.5	1.5	1.4	1.5	1.6	1.6	1.5
132.5°	3.0	3.1	2.9	2.9	1.5	1.5	1.5	1.5	1.6	1.6	1.6
133°	3.1	3.2	3.0	3.1	1.5	1.5	1.5	1.6	1.7	1.6	1.5
133.5°	3.1	3.2	3.0	3.1	1.5	1.6	1.7	1.7	1.6	1.6	1.7



TEST NUMBER: A1916331A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
135°	3.2	3.3	3.2	3.1	1.6	1.7	1.7	1.8	1.7	1.8	1.9
135.5°	3.2	3.3	3.2	3.2	1.6	1.7	1.8	1.8	1.9	1.8	1.9
136°	3.4	3.3	3.3	3.2	1.7	1.8	1.8	1.8	1.9	1.9	1.8
136.5°	3.4	3.4	3.3	3.3	1.7	1.7	1.8	1.9	1.9	1.9	1.9
137°	3.4	3.4	3.4	3.3	1.7	1.9	1.8	1.9	1.9	1.9	1.9
137.5°	3.4	3.3	3.3	3.3	1.9	1.9	1.9	2.0	1.9	2.0	1.9
138°	3.5	3.5	3.4	3.3	1.9	1.9	1.9	1.9	1.9	2.0	2.0
138.5°	3.6	4.0	3.4	3.4	1.9	1.9	2.0	2.1	2.1	2.0	2.0
139°	4.1	4.3	3.9	3.8	1.9	1.9	2.0	2.1	2.0	2.0	2.0
139.5°	4.4	4.4	4.2	4.3	1.9	1.9	2.1	2.1	2.1	2.1	2.0
140°	4.4	4.5	4.4	4.4	2.1	2.0	2.1	2.1	2.1	2.1	2.1
140.5°	4.4	4.5	4.4	4.4	2.1	2.0	2.1	2.1	2.1	2.1	2.1
141°	4.4	4.4	4.5	4.4	2.1	2.0	2.1	2.2	2.2	2.1	2.1
141.5°	4.4	4.4	4.4	4.4	2.1	2.1	2.2	2.2	2.3	2.2	2.1
142°	4.4	4.4	4.4	4.4	2.1	2.1	2.3	2.3	2.3	2.3	2.2
142.5°	4.4	4.4	4.3	4.4	2.2	2.1	2.3	2.3	2.3	2.3	2.3
143°	4.4	4.4	4.3	4.4	2.3	2.1	2.3	2.4	2.5	2.3	2.3
143.5°	4.4	4.4	4.3	4.4	2.3	2.2	2.4	2.5	2.5	2.3	2.4
144°	4.4	4.4	4.3	4.4	2.5	2.3	2.5	2.5	2.5	2.4	2.4
144.5°	4.4	4.4	4.4	4.4	2.5	2.3	2.5	2.5	2.6	2.4	2.4
145°	4.4	4.6	4.4	4.5	2.5	2.5	2.5	2.7	2.6	2.5	2.4
145.5°	4.6	4.8	4.5	4.5	2.5	2.5	2.6	2.7	2.7	2.5	2.4
146°	4.8	5.0	4.6	4.5	2.5	2.5	2.6	2.7	2.7	2.5	2.5
146.5°	5.0	5.1	4.8	4.6	2.7	2.5	2.7	2.7	2.8	2.5	2.5
147°	5.0	5.1	4.9	4.7	2.7	2.6	2.7	2.8	2.8	2.7	2.5
147.5°	5.0	5.3	5.0	4.9	2.7	2.7	2.8	2.8	2.9	2.8	2.5
148°	5.1	5.3	5.1	5.0	2.9	2.8	2.8	2.9	2.9	2.9	2.5
148.5°	5.2	5.3	5.2	5.1	2.9	2.9	2.9	3.0	3.1	3.1	2.7
149°	5.4	5.3	5.2	5.2	2.8	2.9	3.0	3.1	3.1	3.1	2.8
149.5°	5.4	5.5	5.2	5.2	2.9	3.1	3.0	3.1	3.1	3.1	2.9
150°	5.4	5.4	5.2	5.1	2.8	3.1	3.1	3.2	3.2	3.2	3.0
150.5°	5.4	5.4	5.4	5.1	3.1	3.2	3.1	3.2	3.3	3.3	3.1
151°	5.5	5.6	5.4	5.3	3.1	3.2	3.1	3.3	3.3	3.4	3.2
151.5°	5.5	5.6	5.4	5.3	3.1	3.2	3.3	3.4	3.4	3.3	3.3
152°	5.5	5.6	5.6	5.4	3.1	3.4	3.3	3.5	3.4	3.5	3.4
152.5°	5.6	5.6	5.5	5.5	3.2	3.5	3.3	3.5	3.5	3.5	3.4
153°	5.6	5.6	5.6	5.5	3.2	3.5	3.3	3.5	3.6	3.5	3.6
153.5°	5.6	5.6	5.5	5.5	3.3	3.5	3.5	3.7	3.7	3.7	3.6
154°	5.6	5.7	5.5	5.5	3.4	3.7	3.5	3.7	3.7	3.8	3.7
154.5°	5.8	5.9	5.6	5.5	3.5	3.6	3.5	3.7	3.7	3.9	3.8
155°	6.2	6.1	5.9	5.5	3.5	3.8	3.6	3.8	3.9	3.9	3.8
155.5°	6.3	6.2	6.0	5.5	3.6	3.9	3.7	3.9	3.9	3.9	3.9
156°	6.4	6.3	6.2	5.5	3.7	3.9	3.8	4.0	4.0	4.1	4.0



TEST NUMBER: A1916331A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
157.5°	6.5	6.5	6.4	6.1	4.1	4.3	4.2	4.4	4.4	4.4	4.3
158°	6.5	6.5	6.4	6.3	4.2	4.3	4.3	4.5	4.5	4.5	4.5
158.5°	6.5	6.5	6.4	6.4	4.3	4.6	4.5	4.6	4.6	4.6	4.6
159°	6.5	6.5	6.4	6.5	4.7	4.7	4.6	4.7	4.7	4.7	4.6
159.5°	6.5	6.5	6.4	6.5	4.7	4.6	4.7	4.7	4.8	4.8	4.6
160°	6.5	6.5	6.4	6.5	4.9	4.7	4.7	4.9	5.0	4.9	4.8
160.5°	6.5	6.5	6.4	6.5	4.9	4.9	4.8	5.1	5.0	5.1	5.0
161°	6.5	6.5	6.4	6.5	5.0	4.9	4.9	5.2	5.2	5.2	5.2
161.5°	6.5	6.5	6.4	6.5	5.1	5.1	5.1	5.3	5.3	5.3	5.2
162°	6.5	6.5	6.4	6.5	5.3	5.2	5.1	5.4	5.3	5.3	5.3
162.5°	6.5	6.5	6.4	6.5	5.3	5.3	5.3	5.5	5.5	5.5	5.4
163°	6.5	6.5	6.4	6.5	5.4	5.5	5.3	5.6	5.6	5.6	5.6
163.5°	6.6	6.5	6.4	6.5	5.5	5.7	5.5	5.7	5.7	5.7	5.7
164°	6.5	6.5	6.4	6.5	5.6	5.7	5.5	5.7	5.8	5.7	5.7
164.5°	6.6	6.6	6.4	6.5	5.8	5.7	5.6	5.7	5.8	5.7	5.8
165°	6.6	6.8	6.6	6.5	5.7	5.8	5.6	5.8	5.8	5.9	5.8
165.5°	6.8	7.0	6.6	6.5	5.9	6.0	5.8	6.0	6.0	5.9	6.0
166°	6.8	7.1	6.7	6.5	5.9	6.0	5.9	6.0	6.0	6.0	6.0
166.5°	7.0	7.2	6.9	6.8	5.9	6.1	6.0	6.1	6.1	6.1	6.0
167°	7.0	7.2	6.9	6.9	6.0	6.1	6.0	6.2	6.2	6.2	6.2
167.5°	7.1	7.2	7.1	7.0	6.1	6.2	6.0	6.1	6.2	6.3	6.2
168°	7.1	7.2	7.1	7.1	6.3	6.3	6.1	6.3	6.4	6.3	6.4
168.5°	7.1	7.2	7.3	7.1	6.3	6.3	6.2	6.3	6.4	6.5	6.4
169°	7.2	7.4	7.3	7.3	6.3	6.4	6.3	6.5	6.5	6.5	6.4
169.5°	7.2	7.3	7.2	7.3	6.4	6.6	6.4	6.5	6.6	6.6	6.6
170°	7.3	7.4	7.2	7.4	6.6	6.6	6.6	6.7	6.8	6.5	6.6
170.5°	7.4	7.4	7.2	7.4	6.7	6.7	6.6	6.8	6.7	6.6	6.6
171°	7.4	7.5	7.2	7.5	6.7	6.8	6.6	6.8	6.8	6.6	6.6
171.5°	7.4	7.5	7.3	7.4	6.9	6.8	6.8	6.9	6.8	6.6	6.6
172°	7.4	7.5	7.4	7.4	6.8	6.9	6.8	6.9	6.8	6.7	6.8
172.5°	7.4	7.5	7.4	7.4	6.9	6.9	6.9	7.0	7.0	6.9	6.8
173°	7.4	7.5	7.4	7.4	7.1	7.0	7.0	7.1	7.0	7.1	7.0
173.5°	7.4	7.5	7.4	7.4	7.2	7.0	7.2	7.2	7.0	7.1	7.2
174°	7.4	7.5	7.4	7.4	7.2	7.0	7.3	7.2	7.0	7.1	7.2
174.5°	7.4	7.5	7.4	7.4	7.2	7.0	7.3	7.2	7.0	7.0	7.3
175°	7.4	7.5	7.4	7.4	7.3	7.0	7.2	7.2	7.0	7.1	7.2
175.5°	7.4	7.5	7.4	7.4	7.3	7.0	7.2	7.1	7.0	7.1	7.3
176°	7.4	7.5	7.4	7.4	7.3	7.0	7.3	7.1	7.0	7.0	7.3
176.5°	7.4	7.5	7.4	7.4	7.1	7.0	7.3	7.1	7.0	7.0	7.2
177°	7.4	7.5	7.4	7.4	6.8	6.9	7.2	7.1	7.0	7.0	7.2
177.5°	7.3	7.5	7.4	7.4	6.8	6.9	7.2	7.1	7.0	7.0	7.2
178°	7.2	7.3	7.2	7.3	6.7	6.9	7.2	7.1	7.0	7.0	7.2
178.5°	7.0	7.1	7.0	7.1	6.7	6.9	7.2	7.0	7.0	7.0	7.1



TEST NUMBER: A1916331A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8



TEST NUMBER: A1916331A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	2524.6	2524.6	2524.6	2524.6	2524.6	2524.6
0.5°	2535.6	2534.4	2532.8	2524.9	2533.9	2521.7
1°	2533.0	2533.5	2524.1	2527.2	2538.0	2524.2
1.5°	2523.1	2519.5	2526.4	2532.2	2536.6	2520.6
2°	2526.1	2538.7	2529.1	2530.6	2531.1	2518.2
2.5°	2525.0	2531.9	2528.6	2533.6	2521.6	2514.6
3°	2517.0	2521.4	2522.9	2516.7	2534.1	2511.2
3.5°	2527.9	2511.8	2518.2	2529.9	2528.3	2505.3
4°	2515.4	2521.3	2510.2	2525.3	2538.4	2513.1
4.5°	2529.7	2517.0	2496.8	2515.7	2521.6	2506.7
5°	2524.3	2515.7	2505.5	2497.1	2526.3	2502.7
5.5°	2523.1	2512.1	2509.9	2503.9	2530.9	2496.7
6°	2502.6	2507.0	2504.0	2503.0	2515.9	2487.2
6.5°	2513.5	2497.8	2496.6	2504.3	2497.4	2494.7
7°	2505.2	2484.7	2487.3	2494.7	2504.6	2486.4
7.5°	2498.0	2485.3	2487.1	2487.5	2489.7	2480.8
8°	2491.5	2489.8	2485.5	2477.3	2501.3	2478.0
8.5°	2488.6	2475.7	2485.7	2467.5	2506.8	2468.7
9°	2482.8	2473.3	2473.5	2473.6	2494.1	2459.6
9.5°	2472.8	2465.2	2459.9	2460.3	2487.9	2461.3
10°	2465.9	2468.2	2455.9	2465.8	2478.3	2450.7
10.5°	2461.9	2458.2	2445.3	2456.8	2462.1	2444.1
11°	2461.1	2447.5	2450.2	2449.1	2447.9	2450.7
11.5°	2457.2	2441.2	2443.7	2444.6	2449.3	2438.2
12°	2443.8	2433.3	2433.0	2435.1	2441.9	2430.8
12.5°	2435.0	2424.4	2424.3	2423.1	2434.3	2420.1
13°	2418.9	2415.2	2409.9	2423.7	2421.4	2403.2
13.5°	2410.4	2411.4	2404.4	2408.3	2413.6	2391.1
14°	2401.8	2382.8	2388.1	2393.8	2410.2	2384.1
14.5°	2399.7	2382.9	2387.5	2390.6	2395.5	2376.2
15°	2381.9	2370.1	2357.4	2374.5	2386.5	2375.3
15.5°	2365.2	2371.6	2358.5	2363.8	2361.9	2356.7
16°	2357.7	2356.7	2354.9	2351.3	2356.0	2346.6
16.5°	2356.2	2336.0	2345.3	2336.7	2355.3	2342.9
17°	2346.4	2358.5	2326.7	2333.5	2338.2	2333.1
17.5°	2333.4	2334.4	2310.1	2321.8	2321.3	2319.7
18°	2320.7	2308.5	2303.2	2304.4	2306.7	2306.3
18.5°	2313.9	2298.4	2296.2	2295.9	2302.0	2297.0
19°	2299.8	2283.7	2281.9	2277.9	2292.7	2271.0
19.5°	2284.8	2278.4	2266.0	2269.7	2279.6	2255.2
20°	2278.5	2268.4	2246.8	2260.0	2262.8	2244.3
20.5°	2254.0	2256.0	2240.0	2239.4	2259.9	2224.6
21°	2242.7	2234.0	2230.7	2221.9	2242.2	2207.0



TEST NUMBER: A1916331A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	2204.8	2192.7	2177.0	2178.0	2189.8	2177.0
23°	2182.9	2182.7	2167.6	2168.1	2173.9	2165.1
23.5°	2171.3	2163.7	2163.9	2150.8	2157.5	2155.3
24°	2162.6	2154.4	2150.5	2134.4	2145.0	2124.4
24.5°	2139.9	2128.0	2121.1	2112.7	2128.0	2112.1
25°	2128.4	2099.7	2099.3	2098.1	2111.6	2094.4
25.5°	2110.1	2084.5	2080.2	2081.4	2092.2	2094.8
26°	2083.6	2071.4	2063.9	2063.8	2074.2	2090.7
26.5°	2077.2	2057.7	2048.4	2042.3	2056.9	2068.1
27°	2067.7	2043.0	2033.7	2026.5	2039.9	2039.5
27.5°	2050.0	2029.4	2010.6	2009.2	2024.3	2018.3
28°	2022.1	2009.0	1991.0	1992.0	2008.2	1998.5
28.5°	1991.9	1988.0	1973.7	1975.7	1990.0	1982.5
29°	1982.9	1969.5	1960.6	1958.9	1969.6	1968.0
29.5°	1966.8	1954.2	1939.6	1936.1	1949.0	1949.0
30°	1946.1	1937.1	1926.5	1918.1	1933.2	1928.8
30.5°	1927.2	1916.9	1899.9	1899.1	1916.2	1908.0
31°	1918.8	1897.7	1878.7	1881.4	1894.6	1894.3
31.5°	1887.0	1874.5	1860.0	1860.7	1872.9	1876.6
32°	1874.7	1853.6	1837.4	1838.8	1852.2	1855.3
32.5°	1849.7	1834.1	1820.4	1819.9	1831.6	1834.3
33°	1830.1	1815.8	1797.7	1797.4	1810.7	1810.0
33.5°	1811.8	1793.8	1784.0	1778.7	1790.7	1783.9
34°	1790.3	1772.3	1761.9	1759.2	1768.4	1767.5
34.5°	1768.8	1746.0	1739.1	1737.5	1746.4	1747.2
35°	1745.8	1726.0	1715.6	1715.9	1728.1	1725.1
35.5°	1724.3	1704.9	1696.9	1692.6	1707.1	1706.2
36°	1701.5	1686.0	1680.1	1670.7	1684.3	1684.9
36.5°	1678.9	1662.6	1649.0	1648.5	1663.7	1661.8
37°	1656.0	1642.6	1630.6	1627.7	1642.4	1642.6
37.5°	1635.8	1621.7	1608.6	1606.5	1621.9	1622.6
38°	1611.5	1595.4	1583.8	1586.2	1600.7	1600.4
38.5°	1591.8	1574.2	1561.4	1564.0	1578.3	1578.5
39°	1566.8	1551.9	1541.6	1537.4	1555.7	1555.8
39.5°	1544.0	1526.9	1518.8	1515.5	1531.2	1532.0
40°	1520.6	1500.8	1492.2	1492.1	1504.7	1508.2
40.5°	1494.2	1474.0	1462.5	1465.5	1482.0	1482.7
41°	1468.4	1450.4	1439.9	1437.4	1454.4	1456.5
41.5°	1444.5	1422.1	1414.9	1411.8	1425.4	1430.0
42°	1418.8	1392.9	1384.1	1385.1	1397.5	1403.3
42.5°	1392.2	1366.9	1356.5	1358.5	1372.2	1375.8
43°	1367.2	1337.3	1329.8	1329.2	1343.2	1348.9
43.5°	1331.6	1313.8	1305.4	1302.7	1316.1	1322.6



TEST NUMBER: A1916331A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	1257.4	1231.9	1220.8	1220.8	1234.9	1239.4
45.5°	1227.1	1208.3	1195.2	1192.4	1207.6	1211.3
46°	1201.3	1179.0	1168.2	1163.3	1178.9	1184.6
46.5°	1172.9	1150.0	1141.8	1143.7	1151.0	1159.4
47°	1146.5	1121.7	1116.5	1114.9	1126.8	1130.0
47.5°	1117.0	1094.7	1088.0	1086.0	1098.5	1101.4
48°	1089.3	1068.2	1060.3	1059.1	1070.9	1074.2
48.5°	1064.5	1040.0	1034.0	1033.0	1043.0	1047.0
49°	1035.1	1012.0	1007.5	1003.3	1017.1	1019.6
49.5°	1008.8	989.1	979.6	980.2	990.8	992.3
50°	980.8	961.5	953.7	952.7	963.9	966.0
50.5°	953.9	934.0	926.0	927.3	936.4	939.6
51°	926.1	906.4	900.5	902.0	909.8	913.0
51.5°	898.9	880.1	874.7	874.1	884.1	885.7
52°	871.6	855.9	850.5	848.6	859.1	860.4
52.5°	845.0	830.2	823.4	823.7	832.8	833.9
53°	819.4	806.1	799.4	799.5	807.5	807.3
53.5°	795.3	780.6	775.4	774.4	781.7	782.1
54°	770.4	755.3	749.3	750.3	757.0	757.6
54.5°	746.8	730.3	726.8	725.3	732.6	732.6
55°	723.2	706.7	703.1	702.7	708.5	707.2
55.5°	699.0	682.4	679.5	680.3	684.6	683.0
56°	674.3	658.6	654.5	657.0	661.1	659.8
56.5°	651.8	636.0	632.9	632.3	637.5	635.8
57°	628.9	613.1	612.5	611.0	614.9	612.1
57.5°	606.3	590.3	589.5	589.6	592.5	589.5
58°	583.5	568.8	566.4	567.8	570.1	567.8
58.5°	562.0	546.7	545.5	546.0	548.7	545.5
59°	539.5	525.0	524.2	525.4	527.6	523.7
59.5°	517.5	504.4	504.0	504.2	507.0	502.9
60°	496.3	484.5	484.0	483.6	486.3	482.3
60.5°	475.0	463.7	463.3	463.1	465.9	461.8
61°	454.1	443.7	444.0	444.4	445.9	441.9
61.5°	434.4	424.0	424.8	425.7	426.4	422.2
62°	414.8	404.6	405.5	406.9	407.5	402.6
62.5°	395.5	385.2	386.1	386.6	388.7	384.5
63°	376.8	366.4	367.3	368.3	369.1	365.3
63.5°	358.4	348.2	349.7	350.2	351.1	347.4
64°	340.5	330.8	331.8	332.8	333.8	329.3
64.5°	322.4	313.6	314.8	315.0	316.8	312.8
65°	305.1	296.8	297.8	298.4	300.1	295.8
65.5°	288.3	280.5	281.5	281.5	283.7	279.6
66°	271.8	263.9	265.0	265.4	267.1	263.5



TEST NUMBER: A1916331A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	225.4	218.1	219.0	219.4	221.6	218.5
68°	211.1	203.7	204.7	205.6	206.8	204.5
68.5°	197.1	190.2	191.1	192.1	193.0	191.1
69°	184.1	177.0	177.9	179.0	179.9	178.0
69.5°	171.4	164.2	165.2	166.1	167.2	165.6
70°	158.9	152.4	153.1	153.7	154.9	153.7
70.5°	147.4	141.4	141.9	142.3	143.4	142.7
71°	136.2	130.5	131.4	131.5	132.5	132.0
71.5°	125.5	120.6	121.0	121.0	122.2	122.0
72°	115.6	110.9	111.4	111.0	112.3	112.3
72.5°	106.4	102.0	102.1	102.0	103.2	103.3
73°	97.7	93.4	93.8	93.6	94.3	94.9
73.5°	89.7	86.1	86.3	86.0	86.9	87.4
74°	82.8	79.2	79.4	79.2	80.0	80.5
74.5°	76.1	73.4	73.0	73.1	73.9	74.2
75°	70.6	67.8	67.7	67.6	68.3	68.5
75.5°	65.8	63.4	62.7	62.8	63.5	63.7
76°	62.3	60.2	59.6	59.5	60.2	60.6
76.5°	59.2	57.6	56.8	56.8	57.6	57.8
77°	56.5	54.8	54.5	54.3	55.0	55.2
77.5°	53.7	52.2	51.8	51.7	52.4	52.7
78°	51.2	49.5	49.1	49.1	49.8	50.0
78.5°	48.5	47.0	46.5	46.6	47.2	47.5
79°	45.9	44.4	44.1	44.1	44.6	45.0
79.5°	43.5	42.0	41.6	41.7	42.1	42.3
80°	41.0	39.6	39.5	39.3	39.7	40.0
80.5°	38.5	37.0	36.8	36.8	37.3	37.6
81°	36.2	34.9	34.5	34.5	35.0	35.2
81.5°	33.8	32.4	32.1	32.2	32.6	33.0
82°	31.7	30.1	29.8	29.8	30.4	30.6
82.5°	29.2	27.9	27.6	27.8	28.1	28.4
83°	27.1	25.8	25.5	25.5	25.9	26.0
83.5°	24.8	23.5	23.2	23.2	23.7	23.9
84°	22.6	21.5	21.3	21.3	21.7	21.9
84.5°	20.6	19.6	19.3	19.2	19.5	19.8
85°	18.6	17.2	17.1	17.2	17.4	17.7
85.5°	16.5	15.2	15.2	15.2	15.5	15.6
86°	14.6	13.3	13.2	13.1	13.4	13.6
86.5°	12.5	11.4	11.3	11.2	11.4	11.6
87°	10.6	9.4	9.4	9.4	9.5	9.8
87.5°	8.8	7.6	7.5	7.5	7.7	8.0
88°	7.0	5.9	5.7	5.8	5.9	6.1
88.5°	5.0	4.1	3.9	3.9	4.1	4.3



TEST NUMBER: A1916331A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.0	0.0	0.0	0.0	0.0
90.5°	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0
91.5°	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0
93.5°	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0
94.5°	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0
95.5°	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0
96.5°	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0
100.5°	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.1	0.0	0.0	0.0
102°	0.0	0.0	0.1	0.0	0.0	0.0
102.5°	0.0	0.0	0.1	0.0	0.0	0.0
103°	0.0	0.0	0.2	0.0	0.0	0.0
103.5°	0.0	0.0	0.2	0.0	0.0	0.0
104°	0.0	0.0	0.2	0.1	0.0	0.0
104.5°	0.0	0.0	0.2	0.1	0.0	0.0
105°	0.0	0.0	0.2	0.1	0.0	0.0
105.5°	0.0	0.0	0.2	0.1	0.0	0.0
106°	0.0	0.0	0.2	0.1	0.0	0.0
106.5°	0.0	0.0	0.2	0.1	0.0	0.0
107°	0.0	0.0	0.2	0.1	0.0	0.0
107.5°	0.0	0.0	0.2	0.1	0.0	0.0
108°	0.0	0.0	0.2	0.1	0.0	0.0
108.5°	0.0	0.0	0.2	0.1	0.0	0.0
109°	0.0	0.0	0.2	0.1	0.0	0.0
109.5°	0.0	0.0	0.2	0.1	0.0	0.0
110°	0.0	0.0	0.2	0.1	0.0	0.0
110.5°	0.0	0.1	0.2	0.1	0.0	0.0
111°	0.0	0.1	0.2	0.2	0.1	0.0



TEST NUMBER: A1916331A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
112.5°	0.0	0.2	0.3	0.3	0.2	0.2
113°	0.0	0.3	0.5	0.5	0.3	0.3
113.5°	0.0	0.3	0.6	0.5	0.3	0.5
114°	0.1	0.5	0.7	0.6	0.5	0.6
114.5°	0.1	0.7	0.8	0.7	0.7	0.7
115°	0.1	0.8	0.9	0.9	0.8	0.8
115.5°	0.1	0.8	1.0	0.9	0.9	0.9
116°	0.1	0.9	1.1	0.9	0.9	0.9
116.5°	0.3	0.9	1.1	1.0	1.0	0.9
117°	0.3	0.9	1.1	0.9	1.0	0.9
117.5°	0.2	0.9	1.1	0.9	1.0	1.0
118°	0.2	0.9	1.1	1.0	1.0	1.1
118.5°	0.2	0.9	1.1	1.0	1.0	1.1
119°	0.3	1.0	1.1	1.1	1.1	1.1
119.5°	0.3	1.1	1.1	1.1	1.1	1.2
120°	0.3	1.1	1.1	1.1	1.2	1.2
120.5°	0.4	1.1	1.1	1.1	1.2	1.3
121°	0.5	1.3	1.2	1.3	1.2	1.3
121.5°	0.5	1.3	1.2	1.3	1.3	1.3
122°	0.5	1.3	1.2	1.3	1.3	1.3
122.5°	0.6	1.3	1.3	1.3	1.3	1.3
123°	0.6	1.4	1.3	1.4	1.3	1.3
123.5°	0.7	1.4	1.5	1.5	1.5	1.4
124°	0.7	1.7	1.8	1.9	1.7	1.8
124.5°	0.8	2.0	2.2	2.1	2.1	2.0
125°	0.9	2.1	2.3	2.2	2.3	2.3
125.5°	0.9	2.3	2.3	2.3	2.3	2.3
126°	0.9	2.3	2.3	2.3	2.2	2.2
126.5°	0.9	2.3	2.3	2.3	2.2	2.2
127°	1.0	2.3	2.3	2.3	2.2	2.2
127.5°	1.1	2.3	2.3	2.3	2.2	2.2
128°	1.1	2.3	2.3	2.3	2.2	2.2
128.5°	1.1	2.3	2.3	2.3	2.2	2.2
129°	1.2	2.3	2.3	2.3	2.2	2.3
129.5°	1.3	2.3	2.3	2.3	2.3	2.3
130°	1.3	2.3	2.3	2.3	2.2	2.3
130.5°	1.4	2.3	2.3	2.3	2.2	2.3
131°	1.4	2.3	2.5	2.3	2.3	2.5
131.5°	1.5	2.5	2.6	2.5	2.4	2.7
132°	1.5	2.7	2.7	2.7	2.6	2.9
132.5°	1.5	2.9	2.7	2.9	2.9	3.0
133°	1.6	3.1	3.0	3.1	3.1	3.1
133.5°	1.6	3.1	3.2	3.1	3.1	3.1



TEST NUMBER: A1916331A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
135°	1.8	3.1	3.1	3.2	3.1	3.2
135.5°	1.9	3.1	3.1	3.2	3.1	3.2
136°	1.9	3.2	3.1	3.2	3.1	3.4
136.5°	1.9	3.2	3.2	3.3	3.2	3.4
137°	1.9	3.3	3.3	3.3	3.3	3.4
137.5°	1.9	3.4	3.3	3.4	3.3	3.4
138°	1.9	3.4	3.4	3.4	3.4	3.5
138.5°	1.9	3.7	3.5	3.5	3.4	3.6
139°	2.0	3.9	3.7	3.5	3.7	4.1
139.5°	2.0	4.4	4.2	4.0	4.2	4.4
140°	2.1	4.4	4.4	4.4	4.4	4.4
140.5°	2.1	4.4	4.4	4.4	4.4	4.4
141°	2.1	4.4	4.4	4.4	4.4	4.4
141.5°	2.1	4.4	4.4	4.4	4.4	4.4
142°	2.2	4.4	4.4	4.4	4.4	4.4
142.5°	2.3	4.4	4.4	4.4	4.4	4.4
143°	2.3	4.4	4.4	4.4	4.4	4.4
143.5°	2.3	4.4	4.4	4.4	4.4	4.4
144°	2.4	4.4	4.4	4.4	4.4	4.4
144.5°	2.4	4.4	4.5	4.4	4.4	4.4
145°	2.4	4.4	4.4	4.4	4.4	4.4
145.5°	2.4	4.5	4.5	4.4	4.5	4.6
146°	2.5	4.5	4.6	4.5	4.6	4.8
146.5°	2.6	4.5	4.8	4.5	4.7	5.0
147°	2.7	4.5	4.9	4.5	4.9	5.0
147.5°	2.7	4.8	5.1	4.8	5.1	5.0
148°	2.9	5.0	5.2	4.8	5.1	5.1
148.5°	2.9	5.1	5.3	5.0	5.2	5.2
149°	2.9	5.1	5.2	5.1	5.2	5.4
149.5°	3.0	5.2	5.3	5.2	5.2	5.4
150°	3.1	5.2	5.3	5.2	5.2	5.4
150.5°	3.1	5.2	5.3	5.2	5.3	5.4
151°	3.2	5.2	5.3	5.3	5.3	5.5
151.5°	3.3	5.2	5.3	5.3	5.3	5.5
152°	3.3	5.2	5.3	5.3	5.5	5.5
152.5°	3.4	5.3	5.3	5.4	5.4	5.6
153°	3.4	5.4	5.3	5.4	5.5	5.6
153.5°	3.5	5.5	5.3	5.4	5.5	5.6
154°	3.5	5.5	5.4	5.4	5.7	5.6
154.5°	3.5	5.5	5.4	5.4	5.7	5.8
155°	3.7	5.7	5.5	5.6	6.0	6.2
155.5°	3.8	5.7	5.6	5.6	6.2	6.3
156°	3.8	6.0	5.6	5.7	6.3	6.4



TEST NUMBER: A1916331A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	4.2	6.4	6.2	6.3	6.5	6.5
158°	4.3	6.4	6.4	6.4	6.5	6.5
158.5°	4.5	6.4	6.4	6.4	6.5	6.5
159°	4.7	6.4	6.5	6.4	6.5	6.5
159.5°	4.7	6.4	6.4	6.4	6.5	6.5
160°	4.8	6.4	6.5	6.4	6.5	6.5
160.5°	4.9	6.4	6.5	6.4	6.5	6.5
161°	5.1	6.4	6.5	6.4	6.5	6.5
161.5°	5.2	6.4	6.5	6.4	6.5	6.5
162°	5.3	6.4	6.5	6.4	6.5	6.5
162.5°	5.4	6.4	6.5	6.4	6.5	6.5
163°	5.5	6.4	6.5	6.4	6.5	6.5
163.5°	5.7	6.4	6.5	6.4	6.5	6.6
164°	5.7	6.5	6.5	6.5	6.5	6.5
164.5°	5.8	6.5	6.5	6.5	6.5	6.6
165°	5.9	6.5	6.5	6.6	6.6	6.6
165.5°	5.9	6.5	6.5	6.7	6.7	6.8
166°	6.0	6.7	6.5	6.8	6.7	6.8
166.5°	6.1	6.7	6.5	6.8	6.7	7.0
167°	6.1	6.8	6.6	6.9	6.9	7.0
167.5°	6.3	7.0	7.0	6.9	7.0	7.1
168°	6.3	7.0	7.1	7.0	7.1	7.1
168.5°	6.3	7.0	7.1	7.3	7.1	7.1
169°	6.5	7.1	7.1	7.3	7.3	7.2
169.5°	6.6	7.1	7.1	7.3	7.3	7.2
170°	6.5	7.1	7.2	7.3	7.4	7.3
170.5°	6.6	7.2	7.3	7.3	7.4	7.4
171°	6.7	7.3	7.4	7.3	7.4	7.4
171.5°	6.7	7.3	7.4	7.3	7.4	7.4
172°	6.9	7.3	7.4	7.3	7.4	7.4
172.5°	7.0	7.3	7.4	7.3	7.4	7.4
173°	7.1	7.3	7.4	7.3	7.4	7.4
173.5°	7.2	7.3	7.4	7.3	7.4	7.4
174°	7.3	7.4	7.4	7.3	7.4	7.4
174.5°	7.3	7.4	7.4	7.3	7.4	7.4
175°	7.2	7.3	7.4	7.3	7.4	7.4
175.5°	7.2	7.3	7.5	7.3	7.4	7.4
176°	7.2	7.4	7.5	7.3	7.4	7.4
176.5°	7.0	7.3	7.5	7.3	7.4	7.4
177°	7.1	7.3	7.6	7.4	7.5	7.4
177.5°	7.1	7.2	7.4	7.4	7.5	7.3
178°	7.0	7.1	7.3	7.3	7.3	7.2
178.5°	7.0	7.1	7.1	7.0	7.1	7.0



TEST NUMBER: A1916331A001

CATALOG NUMBER:

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	6.8	6.8	6.8	6.8	6.8	6.8



Report Generated By E9808895 / USPTCWHP6082093





— 0°-180° - - 45°-225° - - - - 90°-270° - · - · 135°-315°







21.5°	2202.2	2218.5	2215.1	2229.0	2223.5	2224.6	2214.8	2229.2	2211.7	2232.9	2222.7
22°	2182.9	2203.2	2200.9	2217.1	2213.1	2211.1	2200.2	2215.7	2193.4	2215.7	2218.9



44°	1295.1	1307.4	1306.8	1308.7	1322.2	1319.3	1318.0	1324.0	1311.6	1318.3	1304.6
44.5°	1268.0	1280.1	1278.4	1281.6	1292.3	1293.0	1293.1	1297.6	1285.0	1292.1	1279.0



66.5°	248.2	248.5	250.8	256.7	269.5	271.3	271.5	267.7	259.9	256.0	253.7
67°	232.9	233.4	235.6	240.8	253.5	255.5	255.0	251.9	244.3	241.0	238.0



89°	2.6	2.8	3.0	3.1	4.3	4.4	4.3	4.1	4.0	3.9	3.6
89.5°	0.8	1.0	1.4	1.4	2.5	2.6	2.6	2.5	2.2	2.1	1.8



111.5°	0.1	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.1	0.3	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0



134°	3.1	3.2	3.0	3.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7
134.5°	3.1	3.2	3.2	3.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7



156.5°	6.6	6.5	6.4	5.9	3.7	4.1	3.9	4.1	4.1	4.1	4.1
157°	6.6	6.5	6.4	6.1	3.9	4.2	4.1	4.2	4.2	4.2	4.2



179°	6.8	6.9	7.0	7.0	6.7	6.9	7.2	7.0	7.0	6.8	7.0
179.5°	6.8	6.9	6.8	6.9	7.0	6.9	7.0	7.0	7.0	6.8	6.9





21.5°	2233.2	2210.8	2215.4	2203.7	2218.8	2202.2
22°	2215.7	2193.8	2197.7	2193.1	2207.6	2182.9



44°	1309.6	1284.9	1275.6	1273.8	1288.3	1295.1
44.5°	1285.1	1257.4	1247.1	1247.2	1260.9	1268.0



66.5°	255.5	247.9	248.8	250.4	251.3	248.2
67°	240.0	232.7	233.9	234.6	236.3	232.9



89°	3.3	2.3	2.2	2.2	2.3	2.6
89.5°	1.7	0.6	0.6	0.5	0.7	0.8



111.5°	0.0	0.1	0.2	0.2	0.1	0.1
112°	0.0	0.1	0.3	0.3	0.2	0.1



134°	1.7	3.1	3.1	3.1	3.1	3.1
134.5°	1.8	3.1	3.1	3.1	3.1	3.1



156.5°	4.0	6.2	5.6	6.0	6.3	6.6
157°	4.1	6.3	5.8	6.2	6.5	6.6



179°	7.0	7.0	7.1	7.0	7.0	6.8
179.5°	6.9	7.0	7.0	7.0	7.0	6.8



(END OF REPORT)