

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: P998054

Luminaire Tested: SA2XXDIP-B1005D925UB35-4F0-XX-W2A-A

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P998054
REPORT IS A COMBINATION OF REPORTS P983791 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B1005D925UB35-4F0-XX-W2A-A
Description: Define 2 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

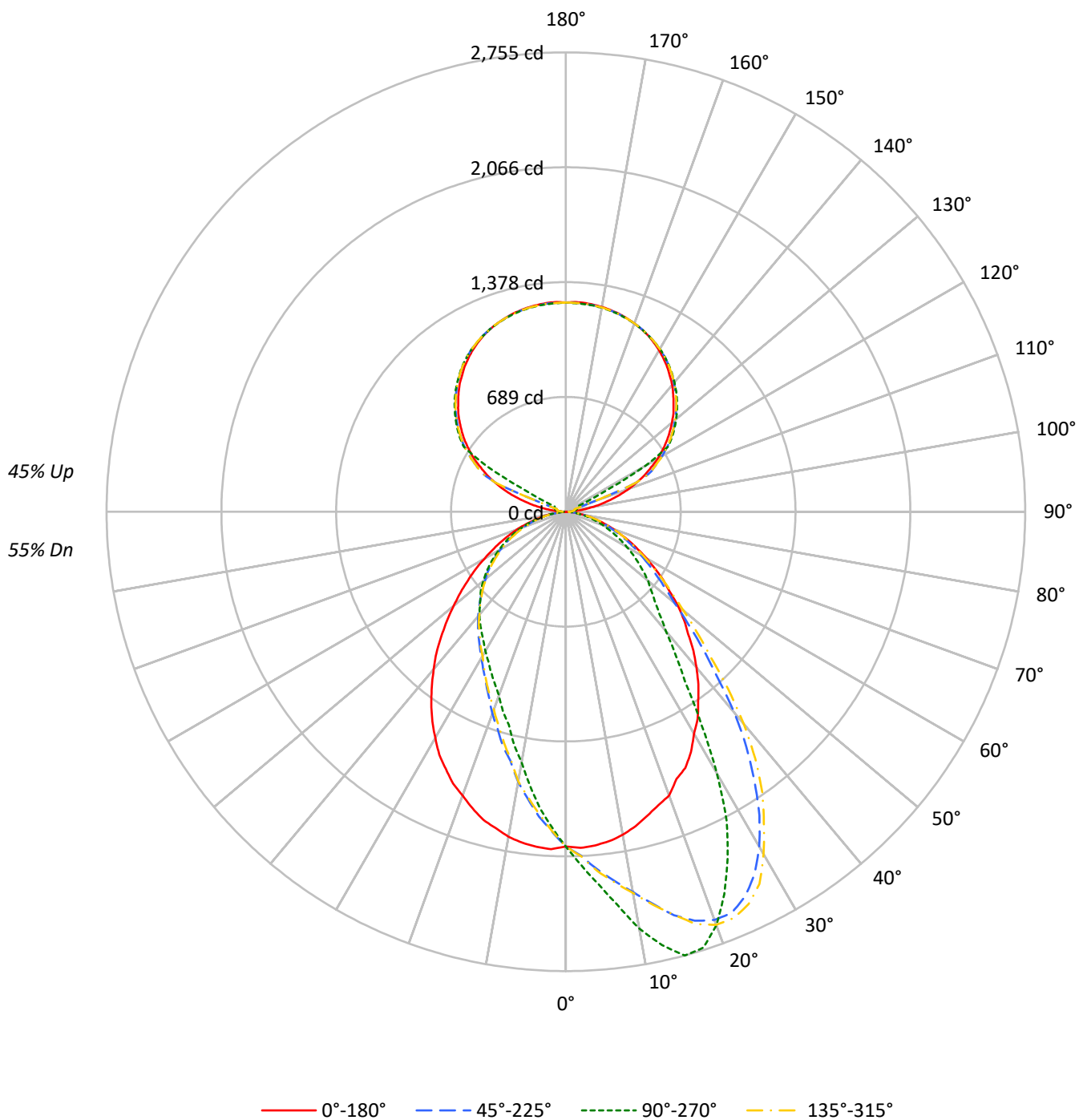
Lumens per Lamp: N/A
Luminaire Lumens: 8109.0 lumens
Efficiency: N/A
Efficacy: 90.3 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 89.8
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	108	108	108	108	100	100	100	100	86	86	86	73	73	73	60	60	60
1	99	95	91	88	92	89	85	82	76	74	72	65	63	62	54	53	52
2	91	84	78	73	84	78	73	69	67	64	60	57	55	52	48	46	45
3	83	74	67	61	77	69	63	58	60	55	51	51	48	45	43	41	39
4	76	66	58	52	71	62	55	50	54	48	44	46	42	39	39	36	34
5	70	59	51	45	65	55	48	43	48	43	38	42	37	34	35	32	30
6	65	53	45	40	60	50	43	38	44	38	34	38	33	30	32	29	26
7	60	48	40	35	56	45	38	33	40	34	30	35	30	27	30	26	24
8	56	44	36	31	52	41	35	30	36	31	27	32	27	24	27	24	21
9	52	40	33	28	49	38	31	27	34	28	24	29	25	22	25	22	19
10	49	37	30	25	46	35	29	24	31	26	22	27	23	20	24	20	18

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	31769	31769	31769	31769
5°	31845	33874	31967	26949
10°	31476	36978	31673	22219
15°	30711	39004	31139	18715
20°	30233	36622	30233	16267
25°	29270	31461	29403	14546
30°	27685	24732	28213	13176
35°	26279	17101	26719	12055
40°	24665	12912	24947	11162
45°	22674	10611	23046	10198
50°	20953	9313	20991	9335
55°	18991	7935	19113	8399
60°	16899	6629	17133	7330
65°	15027	5391	15300	6259
70°	13161	4230	13494	5049
75°	11048	3070	11479	3662
80°	8622	1947	9237	2174
85°	5664	981	6102	727

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 32840 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	191.2	2.4
10°-20°	556.4	6.9
20°-30°	807.5	10.0
30°-40°	851.2	10.5
40°-50°	753.3	9.3
50°-60°	601.5	7.4
60°-70°	408.5	5.0
70°-80°	209.0	2.6
80°-90°	51.6	0.6
90°-100°	41.4	0.5
100°-110°	154.2	1.9
110°-120°	409.1	5.0
120°-130°	678.5	8.4
130°-140°	720.7	8.9
140°-150°	669.9	8.3
150°-160°	538.5	6.6
160°-170°	347.0	4.3
170°-180°	119.4	1.5
0°-30°	1555.0	19.2
0°-40°	2406.3	29.7
0°-60°	3761.0	46.4
0°-90°	4430.2	54.6
90°-120°	604.7	7.5
90°-150°	2673.8	33.0
90°-180°	3679.0	45.4
0°-180°	8109.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2007	2007	2007	2007	2007	
5°	2008	2242	2016	1783	2008	190
15°	1887	2755	1913	1322	1887	533
25°	1695	2295	1703	1061	1695	775
35°	1384	1250	1407	881	1384	866
45°	1038	753	1055	724	1038	805
55°	713	529	717	560	713	636
65°	423	326	430	378	423	420
75°	198	160	205	191	198	212
85°	40	42	43	31	40	47
90°	1	24	1	24	1	6
95°	59	39	59	39	59	70
105°	276	69	276	69	276	295
115°	522	74	522	74	522	514
125°	738	776	738	776	738	658
135°	913	943	913	943	913	706
145°	1060	1076	1060	1076	1060	663
155°	1167	1168	1167	1168	1167	538
165°	1229	1227	1229	1227	1229	347
175°	1258	1250	1258	1250	1258	120
180°	1255	1255	1255	1255	1255	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	2017.8	2022.4	2030.1	2031.7	2047.1	2059.4	2073.3	2073.3	2077.9	2076.4	2064.1
5°	2008.5	2022.4	2042.5	2059.4	2087.2	2099.5	2118.0	2131.9	2144.3	2153.5	2152.0
7.5°	1993.1	2017.8	2047.1	2079.5	2116.5	2138.1	2164.3	2189.0	2206.0	2221.4	2232.2
10°	1966.9	2008.5	2048.6	2091.8	2139.6	2169.0	2199.8	2232.2	2258.4	2287.7	2315.5
12.5°	1931.4	1991.5	2040.9	2098.0	2156.6	2189.0	2238.4	2263.1	2314.0	2388.0	2408.1
15°	1886.6	1968.4	2014.7	2087.2	2164.3	2190.6	2258.4	2298.5	2403.4	2449.7	2505.2
17.5°	1845.0	1936.0	1997.7	2081.0	2156.6	2207.5	2273.9	2355.6	2443.5	2509.9	2571.6
20°	1811.1	1899.0	1973.0	2065.6	2161.2	2226.0	2295.4	2394.2	2489.8	2557.7	2605.5
22.5°	1733.9	1846.5	1932.9	2036.3	2152.0	2241.5	2307.8	2415.8	2519.1	2560.8	2602.4
25°	1695.4	1792.5	1892.8	2010.1	2145.8	2252.3	2309.3	2429.7	2520.7	2536.1	2545.4
27.5°	1624.4	1733.9	1851.2	1985.4	2144.3	2233.7	2306.2	2415.8	2488.3	2477.5	2449.7
30°	1536.5	1670.7	1800.3	1945.3	2122.7	2219.9	2287.7	2388.0	2425.0	2369.5	2320.1
32.5°	1471.7	1598.2	1741.6	1909.8	2098.0	2190.6	2256.9	2335.6	2343.3	2243.0	2159.7
35°	1383.7	1524.1	1686.1	1863.5	2056.3	2139.6	2201.3	2249.2	2212.1	2071.8	1973.0
37.5°	1305.1	1443.9	1616.7	1797.2	1999.3	2081.0	2130.4	2138.1	2047.1	1923.7	1778.7
40°	1218.7	1362.2	1542.6	1732.4	1936.0	2007.0	2037.8	2014.7	1883.6	1740.1	1572.0
42.5°	1132.3	1274.2	1468.6	1663.0	1855.8	1916.0	1928.3	1865.1	1704.6	1536.5	1342.1
45°	1038.2	1186.3	1380.7	1576.6	1763.2	1797.2	1798.7	1707.7	1518.0	1342.1	1161.6
47.5°	961.1	1098.4	1291.2	1487.1	1644.5	1667.6	1658.3	1553.4	1346.7	1149.3	991.9
50°	876.2	1007.3	1198.6	1391.5	1525.7	1531.8	1508.7	1359.1	1157.0	976.5	851.5
52.5°	785.2	917.9	1093.7	1278.8	1399.2	1389.9	1345.2	1184.7	995.0	845.4	749.7
55°	712.7	829.9	995.0	1175.5	1260.3	1234.1	1184.7	1021.2	871.6	745.1	661.8
57.5°	632.5	735.8	897.8	1055.2	1104.5	1079.8	1030.5	877.8	738.9	643.3	587.7
60°	556.9	651.0	792.9	924.0	962.6	936.4	879.3	742.0	641.7	561.5	519.9
62.5°	487.5	569.2	688.0	808.3	823.8	797.5	748.2	637.1	550.7	487.5	456.6
65°	422.7	499.8	595.5	686.5	700.4	672.6	621.7	541.5	469.0	428.9	399.5
67.5°	359.4	421.1	506.0	572.3	580.0	553.8	512.2	447.4	402.6	359.4	337.8
70°	303.9	350.2	416.5	470.5	473.6	448.9	427.3	368.7	334.8	303.9	286.9
72.5°	249.9	282.3	333.2	373.3	374.9	359.4	339.4	302.4	273.0	251.5	234.5
75°	197.5	225.2	256.1	291.6	290.0	277.7	262.2	239.1	214.4	200.5	192.8
77.5°	151.2	168.1	192.8	216.0	216.0	209.8	200.5	183.6	168.1	154.3	146.6
80°	108.0	118.8	138.8	146.6	149.6	148.1	140.4	128.0	121.9	111.1	108.0
82.5°	69.4	77.1	86.4	94.1	98.7	95.6	94.1	87.9	78.7	75.6	72.5
85°	40.1	43.2	47.8	52.4	54.0	52.4	55.5	50.9	46.3	46.3	44.7
87.5°	17.0	18.5	21.6	21.6	23.1	23.1	21.6	23.1	23.1	21.6	20.1
90°	0.9	3.1	5.3	7.6	9.8	10.9	11.7	13.3	15.0	16.6	18.2
92.5°	22.7	21.9	21.1	20.3	19.5	19.1	19.4	20.0	20.6	21.2	21.8
95°	59.0	52.4	45.7	39.1	32.4	29.1	29.8	31.2	32.6	34.0	35.4
97.5°	106.2	89.7	73.1	56.6	40.1	31.8	33.4	36.6	39.9	43.1	46.3
100°	160.7	133.1	105.4	77.8	50.1	36.3	38.0	41.5	44.9	48.4	51.8
102.5°	220.6	220.2	219.8	219.4	219.0	218.8	200.4	163.7	127.0	90.3	53.6
105°	276.0	282.1	288.1	294.2	300.3	303.3	275.8	220.7	165.6	110.5	55.4
107.5°	340.5	345.5	350.6	355.6	360.7	363.2	329.2	261.2	193.2	125.2	57.2
110°	402.2	406.4	410.7	414.9	419.2	421.3	392.1	333.8	275.5	217.2	158.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	460.4	464.0	467.6	471.3	474.9	476.7	475.0	471.6	468.1	464.7	461.3
115°	522.1	525.5	528.9	532.4	535.8	537.5	540.0	545.1	550.1	555.2	560.2
117.5°	575.7	579.7	583.7	587.8	591.8	593.8	595.5	599.0	602.4	605.9	609.3
120°	635.6	638.6	641.6	644.7	647.7	649.2	651.0	654.7	658.3	662.0	665.6
122.5°	686.4	689.6	692.9	696.1	699.4	701.0	703.0	707.0	711.1	715.1	719.1
125°	738.2	740.8	743.4	746.1	748.7	750.0	751.9	755.8	759.6	763.5	767.3
127.5°	785.4	788.2	791.0	793.9	796.7	798.1	799.6	802.7	805.7	808.8	811.8
130°	829.9	833.1	836.3	839.6	842.8	844.4	845.5	847.7	850.0	852.2	854.4
132.5°	875.3	877.9	880.5	883.2	885.8	887.1	888.2	890.4	892.7	894.9	897.1
135°	913.4	916.6	919.9	923.1	926.4	928.0	928.9	930.7	932.5	934.3	936.1
137.5°	953.4	955.8	958.2	960.7	963.1	964.3	965.3	967.3	969.4	971.4	973.4
140°	992.4	994.0	995.6	997.3	998.9	999.7	1000.8	1003.0	1005.3	1007.5	1009.7
142.5°	1025.1	1026.5	1027.9	1029.4	1030.8	1031.5	1032.8	1035.4	1038.1	1040.7	1043.3
145°	1059.6	1059.4	1059.2	1059.0	1058.8	1058.7	1060.4	1063.9	1067.3	1070.8	1074.2
147.5°	1089.6	1089.0	1088.4	1087.8	1087.2	1086.9	1088.6	1092.0	1095.5	1098.9	1102.3
150°	1118.7	1117.3	1115.9	1114.4	1113.0	1112.3	1113.9	1117.1	1120.4	1123.6	1126.8
152.5°	1143.2	1141.6	1140.0	1138.3	1136.7	1135.9	1137.4	1140.4	1143.5	1146.5	1149.5
155°	1166.8	1165.0	1163.2	1161.3	1159.5	1158.6	1159.8	1162.2	1164.7	1167.1	1169.5
157.5°	1185.8	1184.2	1182.6	1181.0	1179.4	1178.6	1179.5	1181.3	1183.2	1185.0	1186.8
160°	1202.2	1201.0	1199.8	1198.5	1197.3	1196.7	1197.3	1198.5	1199.8	1201.0	1202.2
162.5°	1216.7	1215.5	1214.3	1213.1	1211.9	1211.3	1211.8	1212.8	1213.8	1214.8	1215.8
165°	1229.4	1228.2	1227.0	1225.8	1224.6	1224.0	1224.3	1224.9	1225.5	1226.1	1226.7
167.5°	1239.4	1238.2	1237.0	1235.8	1234.6	1234.0	1234.3	1234.9	1235.5	1236.1	1236.7
170°	1247.6	1246.4	1245.2	1243.9	1242.7	1242.1	1242.3	1242.7	1243.2	1243.6	1244.0
172.5°	1253.0	1251.8	1250.6	1249.4	1248.2	1247.6	1247.8	1248.2	1248.6	1249.0	1249.4
175°	1257.6	1256.2	1254.8	1253.3	1251.9	1251.2	1251.4	1251.8	1252.2	1252.6	1253.0
177.5°	1259.4	1258.0	1256.6	1255.1	1253.7	1253.0	1253.1	1253.3	1253.5	1253.7	1253.9
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	2085.7	2087.2	2090.3	2105.7	2113.4	2115.0	2108.8	2122.7	2127.3	2122.7	2119.6
5°	2184.4	2193.6	2212.1	2232.2	2230.7	2232.2	2241.5	2250.7	2253.8	2241.5	2246.1
7.5°	2270.8	2289.3	2309.3	2340.2	2340.2	2355.6	2361.8	2369.5	2388.0	2378.8	2375.7
10°	2369.5	2394.2	2431.2	2480.6	2482.1	2497.5	2513.0	2537.6	2545.4	2539.2	2542.3
12.5°	2492.9	2540.7	2543.8	2597.8	2622.5	2625.6	2650.3	2645.6	2661.1	2661.1	2687.3
15°	2546.9	2620.9	2662.6	2715.0	2730.5	2712.0	2732.0	2753.6	2755.2	2755.2	2753.6
17.5°	2644.1	2673.4	2715.0	2742.8	2749.0	2749.0	2750.5	2759.8	2753.6	2741.3	2750.5
20°	2664.1	2676.5	2691.9	2688.8	2691.9	2676.5	2661.1	2645.6	2647.2	2639.5	2662.6
22.5°	2627.1	2624.0	2588.6	2565.4	2565.4	2534.6	2505.2	2491.4	2477.5	2482.1	2489.8
25°	2534.6	2486.7	2443.5	2409.6	2401.9	2352.5	2312.4	2300.1	2276.9	2295.4	2298.5
27.5°	2386.5	2332.5	2263.1	2233.7	2193.6	2173.6	2145.8	2108.8	2061.0	2088.7	2084.1
30°	2227.6	2147.4	2090.3	2019.3	1956.1	1951.4	1899.0	1837.3	1812.6	1812.6	1826.5
32.5°	2050.2	1943.7	1860.4	1760.2	1698.4	1672.2	1609.0	1547.3	1561.2	1514.9	1531.8
35°	1843.5	1703.1	1598.2	1501.0	1454.7	1423.9	1342.1	1308.2	1271.1	1249.5	1289.6
37.5°	1646.0	1484.0	1349.8	1243.4	1226.4	1170.9	1115.3	1093.7	1072.1	1081.4	1079.8
40°	1405.3	1261.9	1141.6	1058.3	1028.9	1002.7	965.7	939.5	925.6	933.3	934.8
42.5°	1187.8	1067.5	978.0	919.4	894.7	876.2	857.7	836.1	831.5	831.5	837.7
45°	1019.7	921.0	860.8	813.0	799.1	785.2	771.3	762.1	759.0	752.8	757.4
47.5°	885.5	806.8	769.8	734.3	718.9	715.8	703.4	698.8	692.6	691.1	692.6
50°	772.9	723.5	689.6	669.5	658.7	654.1	647.9	638.7	635.6	643.3	640.2
52.5°	694.2	647.9	629.4	609.3	603.2	597.0	587.7	589.3	587.7	584.7	584.7
55°	615.5	586.2	567.7	552.3	550.7	544.6	536.8	533.8	532.2	529.1	533.8
57.5°	552.3	529.1	512.2	498.3	492.1	492.1	484.4	478.2	478.2	476.7	478.2
60°	489.0	465.9	455.1	441.2	436.6	435.0	430.4	427.3	422.7	422.7	422.7
62.5°	430.4	411.9	399.5	387.2	388.7	381.0	374.9	371.8	371.8	373.3	373.3
65°	374.9	362.5	347.1	336.3	333.2	331.7	328.6	327.0	322.4	325.5	325.5
67.5°	324.0	307.0	297.7	293.1	288.5	286.9	283.8	280.8	279.2	277.7	280.8
70°	273.0	259.2	251.5	248.4	243.7	242.2	240.7	236.0	237.6	239.1	240.7
72.5°	226.8	214.4	212.9	203.6	203.6	203.6	197.5	200.5	199.0	195.9	199.0
75°	178.9	172.8	169.7	165.1	166.6	165.1	163.5	158.9	158.9	160.4	162.0
77.5°	141.9	135.8	134.2	129.6	126.5	129.6	126.5	125.0	125.0	126.5	126.5
80°	104.9	101.8	97.2	97.2	97.2	95.6	95.6	95.6	94.1	92.6	94.1
82.5°	69.4	69.4	67.9	66.3	67.9	64.8	66.3	66.3	66.3	66.3	66.3
85°	44.7	43.2	43.2	41.7	41.7	41.7	43.2	40.1	40.1	41.7	41.7
87.5°	20.1	20.1	20.1	21.6	20.1	20.1	20.1	21.6	20.1	20.1	20.1
90°	19.2	20.2	21.2	22.2	22.7	22.9	23.3	23.7	24.1	24.5	24.1
92.5°	22.2	22.6	23.0	23.4	23.6	23.7	23.9	24.1	24.3	24.5	24.3
95°	36.4	37.4	38.5	39.5	40.0	39.9	39.7	39.4	39.2	39.0	39.2
97.5°	46.9	47.5	48.1	48.7	49.0	49.1	49.3	49.5	49.7	49.9	49.7
100°	53.4	55.0	56.6	58.2	59.0	59.2	59.6	60.0	60.4	60.8	60.4
102.5°	55.8	58.0	60.3	62.5	63.6	63.9	64.5	65.1	65.7	66.3	65.7
105°	57.6	59.8	62.1	64.3	65.4	65.8	66.6	67.4	68.2	69.0	68.2
107.5°	59.4	61.6	63.9	66.1	67.2	67.6	68.4	69.2	70.0	70.8	70.0
110°	138.7	118.5	98.4	78.2	68.1	68.5	69.3	70.1	70.9	71.7	70.9

TEST NUMBER: P998054

CATALOG NUMBER: SA2XXDIP-B1005D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	374.3	287.3	200.4	113.4	69.9	70.2	70.8	71.4	72.0	72.6	72.0
115°	466.8	373.4	279.9	186.5	139.8	132.5	118.0	103.5	89.0	74.5	89.0
117.5°	580.4	551.6	522.7	493.8	479.4	453.0	400.1	347.2	294.4	241.5	294.4
120°	668.0	670.4	672.9	675.3	676.5	662.9	635.6	608.4	581.1	553.9	581.1
122.5°	720.3	721.5	722.8	724.0	724.6	724.7	724.9	725.1	725.3	725.5	725.3
125°	768.7	770.1	771.5	772.9	773.6	773.9	774.5	775.1	775.7	776.3	775.7
127.5°	813.8	815.8	817.8	819.8	820.8	820.9	821.1	821.3	821.5	821.7	821.5
130°	856.6	858.8	861.1	863.3	864.4	864.3	864.1	863.9	863.7	863.5	863.7
132.5°	898.9	900.7	902.6	904.4	905.3	905.2	905.0	904.8	904.6	904.4	904.6
135°	938.1	940.1	942.2	944.2	945.2	945.0	944.6	944.2	943.8	943.4	943.8
137.5°	975.4	977.4	979.5	981.5	982.5	982.2	981.6	980.9	980.3	979.7	980.3
140°	1011.5	1013.3	1015.2	1017.0	1017.9	1017.4	1016.4	1015.3	1014.3	1013.3	1014.3
142.5°	1044.9	1046.5	1048.2	1049.8	1050.6	1050.1	1049.1	1048.0	1047.0	1046.0	1047.0
145°	1075.6	1077.0	1078.4	1079.8	1080.5	1080.0	1079.0	1078.0	1077.0	1076.0	1077.0
147.5°	1103.3	1104.3	1105.4	1106.4	1106.9	1106.5	1105.7	1104.8	1104.0	1103.2	1104.0
150°	1128.0	1129.2	1130.5	1131.7	1132.3	1131.8	1130.8	1129.7	1128.7	1127.7	1128.7
152.5°	1150.7	1151.9	1153.2	1154.4	1155.0	1154.3	1152.9	1151.4	1150.0	1148.6	1150.0
155°	1170.7	1171.9	1173.2	1174.4	1175.0	1174.2	1172.6	1170.9	1169.3	1167.7	1169.3
157.5°	1188.2	1189.6	1191.0	1192.4	1193.1	1192.3	1190.7	1189.0	1187.4	1185.8	1187.4
160°	1203.4	1204.6	1205.8	1207.0	1207.6	1206.9	1205.5	1204.1	1202.7	1201.3	1202.7
162.5°	1217.2	1218.6	1220.1	1221.5	1222.2	1221.3	1219.5	1217.6	1215.8	1214.0	1215.8
165°	1228.1	1229.5	1231.0	1232.4	1233.1	1232.4	1231.0	1229.5	1228.1	1226.7	1228.1
167.5°	1238.1	1239.5	1241.0	1242.4	1243.1	1242.2	1240.4	1238.5	1236.7	1234.9	1236.7
170°	1245.4	1246.8	1248.2	1249.6	1250.3	1249.4	1247.6	1245.7	1243.9	1242.1	1243.9
172.5°	1250.8	1252.2	1253.7	1255.1	1255.8	1254.9	1253.1	1251.2	1249.4	1247.6	1249.4
175°	1254.4	1255.8	1257.3	1258.7	1259.4	1258.4	1256.4	1254.3	1252.3	1250.3	1252.3
177.5°	1255.3	1256.7	1258.2	1259.6	1260.3	1259.4	1257.6	1255.7	1253.9	1252.1	1253.9
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P998054

CATALOG NUMBER: SA2XXDIP-B1005D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	2127.3	2116.5	2107.2	2108.8	2116.5	2110.3	2094.9	2074.9	2067.1	2057.9	2067.1
5°	2255.3	2246.1	2227.6	2229.1	2224.5	2218.3	2193.6	2162.8	2162.8	2138.1	2135.0
7.5°	2381.8	2368.0	2355.6	2352.5	2335.6	2323.2	2301.6	2258.4	2241.5	2212.1	2195.2
10°	2523.8	2513.0	2499.1	2482.1	2472.9	2451.3	2415.8	2352.5	2321.7	2281.6	2252.3
12.5°	2667.2	2665.7	2634.8	2600.9	2599.3	2565.4	2540.7	2455.9	2414.2	2360.2	2290.8
15°	2758.2	2750.5	2733.6	2716.6	2721.2	2684.2	2628.7	2528.4	2500.6	2435.8	2361.8
17.5°	2756.7	2756.7	2752.1	2749.0	2744.4	2733.6	2702.7	2636.4	2591.6	2509.9	2440.5
20°	2668.8	2688.8	2693.5	2691.9	2707.3	2715.0	2713.5	2671.9	2636.4	2563.9	2492.9
22.5°	2492.9	2539.2	2559.2	2571.6	2604.0	2620.9	2661.1	2645.6	2636.4	2582.4	2522.2
25°	2329.4	2344.8	2405.0	2408.1	2452.8	2494.5	2534.6	2560.8	2594.7	2574.7	2523.8
27.5°	2118.0	2153.5	2196.7	2229.1	2238.4	2323.2	2389.6	2438.9	2516.0	2522.2	2505.2
30°	1878.9	1895.9	1966.9	2010.1	2059.4	2121.1	2216.8	2301.6	2371.0	2434.3	2455.9
32.5°	1587.4	1656.8	1698.4	1750.9	1794.1	1903.6	2020.9	2130.4	2210.6	2317.0	2363.3
35°	1320.5	1374.5	1445.5	1467.1	1545.7	1638.3	1791.0	1931.4	2053.3	2161.2	2255.3
37.5°	1099.9	1143.1	1218.7	1252.6	1298.9	1417.7	1545.7	1720.0	1866.6	1999.3	2116.5
40°	948.7	981.1	1038.2	1049.0	1087.6	1195.5	1298.9	1462.4	1656.8	1835.7	1963.8
42.5°	845.4	860.8	899.4	913.2	937.9	1010.4	1103.0	1257.3	1437.7	1622.9	1803.3
45°	771.3	782.1	805.3	817.6	848.5	880.8	956.4	1079.8	1221.8	1408.4	1602.8
47.5°	705.0	718.9	728.1	735.8	752.8	788.3	837.7	928.7	1064.4	1235.7	1423.9
50°	649.5	654.1	671.0	672.6	683.4	706.5	752.8	808.3	916.3	1055.2	1237.2
52.5°	593.9	598.5	609.3	620.1	624.8	643.3	674.1	720.4	800.6	910.2	1072.1
55°	538.4	544.6	555.4	563.1	567.7	583.1	601.6	646.4	709.6	786.7	919.4
57.5°	482.8	496.7	499.8	504.4	512.2	529.1	546.1	572.3	621.7	692.6	789.8
60°	430.4	435.0	445.8	450.5	458.2	467.4	489.0	509.1	544.6	600.1	688.0
62.5°	376.4	387.2	391.8	396.5	402.6	413.4	427.3	448.9	479.8	524.5	593.9
65°	330.1	331.7	340.9	347.1	353.3	361.0	374.9	394.9	413.4	455.1	506.0
67.5°	285.4	288.5	291.6	297.7	305.4	313.2	325.5	336.3	359.4	387.2	427.3
70°	242.2	242.2	249.9	254.5	253.0	262.2	271.5	283.8	300.8	327.0	359.4
72.5°	203.6	202.1	208.3	209.8	212.9	219.1	225.2	237.6	246.8	266.9	291.6
75°	162.0	165.1	168.1	168.1	172.8	177.4	183.6	189.7	200.5	212.9	231.4
77.5°	128.0	128.0	131.1	132.7	137.3	135.8	141.9	148.1	155.8	166.6	180.5
80°	94.1	97.2	97.2	97.2	98.7	100.3	106.4	111.1	115.7	123.4	129.6
82.5°	66.3	66.3	69.4	69.4	69.4	72.5	72.5	74.0	77.1	81.8	86.4
85°	41.7	41.7	41.7	43.2	41.7	43.2	46.3	44.7	46.3	49.4	49.4
87.5°	20.1	20.1	20.1	20.1	20.1	21.6	20.1	21.6	23.1	23.1	23.1
90°	23.7	23.3	22.9	22.7	22.2	21.2	20.2	19.2	18.2	16.6	15.0
92.5°	24.1	23.9	23.7	23.6	23.4	23.0	22.6	22.2	21.8	21.2	20.6
95°	39.4	39.7	39.9	40.0	39.5	38.5	37.4	36.4	35.4	34.0	32.6
97.5°	49.5	49.3	49.1	49.0	48.7	48.1	47.5	46.9	46.3	43.1	39.9
100°	60.0	59.6	59.2	59.0	58.2	56.6	55.0	53.4	51.8	48.4	44.9
102.5°	65.1	64.5	63.9	63.6	62.5	60.3	58.0	55.8	53.6	50.3	47.0
105°	67.4	66.6	65.8	65.4	64.3	62.1	59.8	57.6	55.4	51.0	47.6
107.5°	69.2	68.4	67.6	67.2	66.1	63.9	61.6	59.4	57.2	52.2	49.2
110°	70.1	69.3	68.5	68.1	67.2	65.4	63.2	61.0	58.8	54.8	51.8

TEST NUMBER: P998054

CATALOG NUMBER: SA2XXDIP-B1005D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	71.4	70.8	70.2	69.9	113.4	200.4	287.3	374.3	461.3	464.7	468.1
115°	103.5	118.0	132.5	139.8	186.5	279.9	373.4	466.8	560.2	555.2	550.1
117.5°	347.2	400.1	453.0	479.4	493.8	522.7	551.6	580.4	609.3	605.9	602.4
120°	608.4	635.6	662.9	676.5	675.3	672.9	670.4	668.0	665.6	662.0	658.3
122.5°	725.1	724.9	724.7	724.6	724.0	722.8	721.5	720.3	719.1	715.1	711.1
125°	775.1	774.5	773.9	773.6	772.9	771.5	770.1	768.7	767.3	763.5	759.6
127.5°	821.3	821.1	820.9	820.8	819.8	817.8	815.8	813.8	811.8	808.8	805.7
130°	863.9	864.1	864.3	864.4	863.3	861.1	858.8	856.6	854.4	852.2	850.0
132.5°	904.8	905.0	905.2	905.3	904.4	902.6	900.7	898.9	897.1	894.9	892.7
135°	944.2	944.6	945.0	945.2	944.2	942.2	940.1	938.1	936.1	934.3	932.5
137.5°	980.9	981.6	982.2	982.5	981.5	979.5	977.4	975.4	973.4	971.4	969.4
140°	1015.3	1016.4	1017.4	1017.9	1017.0	1015.2	1013.3	1011.5	1009.7	1007.5	1005.3
142.5°	1048.0	1049.1	1050.1	1050.6	1049.8	1048.2	1046.5	1044.9	1043.3	1040.7	1038.1
145°	1078.0	1079.0	1080.0	1080.5	1079.8	1078.4	1077.0	1075.6	1074.2	1070.8	1067.3
147.5°	1104.8	1105.7	1106.5	1106.9	1106.4	1105.4	1104.3	1103.3	1102.3	1098.9	1095.5
150°	1129.7	1130.8	1131.8	1132.3	1131.7	1130.5	1129.2	1128.0	1126.8	1123.6	1120.4
152.5°	1151.4	1152.9	1154.3	1155.0	1154.4	1153.2	1151.9	1150.7	1149.5	1146.5	1143.5
155°	1170.9	1172.6	1174.2	1175.0	1174.4	1173.2	1171.9	1170.7	1169.5	1167.1	1164.7
157.5°	1189.0	1190.7	1192.3	1193.1	1192.4	1191.0	1189.6	1188.2	1186.8	1185.0	1183.2
160°	1204.1	1205.5	1206.9	1207.6	1207.0	1205.8	1204.6	1203.4	1202.2	1201.0	1199.8
162.5°	1217.6	1219.5	1221.3	1222.2	1221.5	1220.1	1218.6	1217.2	1215.8	1214.8	1213.8
165°	1229.5	1231.0	1232.4	1233.1	1232.4	1231.0	1229.5	1228.1	1226.7	1226.1	1225.5
167.5°	1238.5	1240.4	1242.2	1243.1	1242.4	1241.0	1239.5	1238.1	1236.7	1236.1	1235.5
170°	1245.7	1247.6	1249.4	1250.3	1249.6	1248.2	1246.8	1245.4	1244.0	1243.6	1243.2
172.5°	1251.2	1253.1	1254.9	1255.8	1255.1	1253.7	1252.2	1250.8	1249.4	1249.0	1248.6
175°	1254.3	1256.4	1258.4	1259.4	1258.7	1257.3	1255.8	1254.4	1253.0	1252.6	1252.2
177.5°	1255.7	1257.6	1259.4	1260.3	1259.6	1258.2	1256.7	1255.3	1253.9	1253.7	1253.5
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P998054

CATALOG NUMBER: SA2XXDIP-B1005D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	2059.4	2051.7	2047.1	2050.2	2040.9	2017.8	2017.8	2025.5	2016.2	2007.0	1993.1
5°	2116.5	2101.1	2091.8	2090.3	2068.7	2031.7	2023.9	2016.2	1996.2	1974.6	1951.4
7.5°	2172.0	2144.3	2128.8	2118.0	2087.2	2039.4	2019.3	2002.3	1970.0	1937.6	1908.2
10°	2218.3	2178.2	2159.7	2142.7	2102.6	2042.5	2010.1	1979.2	1937.6	1895.9	1858.9
12.5°	2255.3	2209.1	2185.9	2161.2	2111.9	2033.2	1993.1	1943.7	1902.1	1846.5	1809.5
15°	2317.0	2221.4	2199.8	2176.7	2125.8	2017.8	1968.4	1912.9	1855.8	1781.8	1741.6
17.5°	2366.4	2238.4	2236.8	2187.5	2121.1	2011.6	1936.0	1863.5	1801.8	1727.8	1664.5
20°	2395.7	2264.6	2239.9	2189.0	2105.7	1970.0	1891.3	1811.1	1744.7	1655.3	1592.0
22.5°	2420.4	2301.6	2236.8	2175.1	2073.3	1956.1	1840.4	1764.8	1673.8	1576.6	1516.4
25°	2429.7	2309.3	2241.5	2170.5	2050.2	1916.0	1784.8	1703.1	1601.3	1513.3	1431.6
27.5°	2431.2	2307.8	2224.5	2150.4	2017.8	1863.5	1729.3	1642.9	1530.3	1428.5	1346.7
30°	2415.8	2290.8	2215.2	2135.0	1986.9	1815.7	1661.4	1565.8	1445.5	1343.6	1258.8
32.5°	2369.5	2256.9	2195.2	2107.2	1946.8	1749.4	1596.6	1490.2	1363.7	1263.4	1181.7
35°	2292.4	2215.2	2147.4	2065.6	1894.4	1687.6	1531.8	1406.9	1278.8	1183.2	1106.1
37.5°	2196.7	2155.1	2091.8	2011.6	1834.2	1632.1	1459.3	1320.5	1192.5	1099.9	1024.3
40°	2067.1	2077.9	2016.2	1943.7	1763.2	1556.5	1365.2	1232.6	1112.2	1025.9	951.8
42.5°	1926.8	1971.5	1936.0	1866.6	1684.6	1473.2	1295.8	1149.3	1032.0	942.6	880.8
45°	1775.6	1852.7	1831.1	1780.2	1602.8	1385.3	1197.1	1055.2	951.8	865.4	811.4
47.5°	1610.5	1720.0	1720.0	1683.0	1511.8	1297.4	1112.2	967.2	865.4	803.7	751.3
50°	1442.4	1565.8	1585.8	1561.2	1410.0	1197.1	1008.9	877.8	789.8	729.7	691.1
52.5°	1266.5	1410.0	1447.0	1434.7	1302.0	1101.4	924.0	796.0	715.8	663.3	629.4
55°	1098.4	1265.0	1305.1	1309.7	1186.3	996.5	829.9	717.3	640.2	604.7	575.4
57.5°	939.5	1099.9	1144.6	1152.4	1069.1	900.9	742.0	643.3	573.9	544.6	521.4
60°	803.7	937.9	996.5	1013.5	941.0	789.8	660.3	564.6	512.2	484.4	462.8
62.5°	692.6	800.6	862.3	867.0	834.6	692.6	575.4	495.2	450.5	425.8	415.0
65°	584.7	681.8	718.9	737.4	711.2	600.1	496.7	430.4	394.9	373.3	362.5
67.5°	498.3	560.0	590.8	615.5	589.3	506.0	422.7	368.7	342.5	320.9	314.7
70°	408.8	459.7	482.8	507.5	484.4	421.1	361.0	311.6	288.5	271.5	263.8
72.5°	327.0	367.1	388.7	404.2	390.3	337.8	288.5	254.5	237.6	225.2	220.6
75°	259.2	286.9	299.3	310.1	303.9	263.8	232.9	205.2	189.7	178.9	175.9
77.5°	197.5	217.5	231.4	234.5	226.8	200.5	174.3	157.3	145.0	138.8	135.8
80°	140.4	152.7	160.4	165.1	157.3	146.6	128.0	115.7	104.9	97.2	95.6
82.5°	94.1	100.3	106.4	104.9	101.8	92.6	81.8	75.6	71.0	64.8	64.8
85°	54.0	55.5	58.6	60.2	58.6	52.4	46.3	43.2	40.1	35.5	35.5
87.5°	23.1	24.7	24.7	26.2	23.1	23.1	20.1	17.0	17.0	15.4	13.9
90°	13.3	11.7	10.9	9.8	7.6	5.3	3.1	0.9	3.1	5.3	7.6
92.5°	20.0	19.4	19.1	19.5	20.3	21.1	21.9	22.7	21.9	21.1	20.3
95°	31.2	29.8	29.1	32.4	39.1	45.7	52.4	59.0	52.4	45.7	39.1
97.5°	36.6	33.4	31.8	40.1	56.6	73.1	89.7	106.2	89.7	73.1	56.6
100°	41.5	38.0	36.3	50.1	77.8	105.4	133.1	160.7	133.1	105.4	77.8
102.5°	163.7	200.4	218.8	219.0	219.4	219.8	220.2	220.6	220.2	219.8	219.4
105°	220.7	275.8	303.3	300.3	294.2	288.1	282.1	276.0	282.1	288.1	294.2
107.5°	261.2	329.2	363.2	360.7	355.6	350.6	345.5	340.5	345.5	350.6	355.6
110°	333.8	392.1	421.3	419.2	414.9	410.7	406.4	402.2	406.4	410.7	414.9

TEST NUMBER: P998054

CATALOG NUMBER: SA2XXDIP-B1005D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	471.6	475.0	476.7	474.9	471.3	467.6	464.0	460.4	464.0	467.6	471.3
115°	545.1	540.0	537.5	535.8	532.4	528.9	525.5	522.1	525.5	528.9	532.4
117.5°	599.0	595.5	593.8	591.8	587.8	583.7	579.7	575.7	579.7	583.7	587.8
120°	654.7	651.0	649.2	647.7	644.7	641.6	638.6	635.6	638.6	641.6	644.7
122.5°	707.0	703.0	701.0	699.4	696.1	692.9	689.6	686.4	689.6	692.9	696.1
125°	755.8	751.9	750.0	748.7	746.1	743.4	740.8	738.2	740.8	743.4	746.1
127.5°	802.7	799.6	798.1	796.7	793.9	791.0	788.2	785.4	788.2	791.0	793.9
130°	847.7	845.5	844.4	842.8	839.6	836.3	833.1	829.9	833.1	836.3	839.6
132.5°	890.4	888.2	887.1	885.8	883.2	880.5	877.9	875.3	877.9	880.5	883.2
135°	930.7	928.9	928.0	926.4	923.1	919.9	916.6	913.4	916.6	919.9	923.1
137.5°	967.3	965.3	964.3	963.1	960.7	958.2	955.8	953.4	955.8	958.2	960.7
140°	1003.0	1000.8	999.7	998.9	997.3	995.6	994.0	992.4	994.0	995.6	997.3
142.5°	1035.4	1032.8	1031.5	1030.8	1029.4	1027.9	1026.5	1025.1	1026.5	1027.9	1029.4
145°	1063.9	1060.4	1058.7	1058.8	1059.0	1059.2	1059.4	1059.6	1059.4	1059.2	1059.0
147.5°	1092.0	1088.6	1086.9	1087.2	1087.8	1088.4	1089.0	1089.6	1089.0	1088.4	1087.8
150°	1117.1	1113.9	1112.3	1113.0	1114.4	1115.9	1117.3	1118.7	1117.3	1115.9	1114.4
152.5°	1140.4	1137.4	1135.9	1136.7	1138.3	1140.0	1141.6	1143.2	1141.6	1140.0	1138.3
155°	1162.2	1159.8	1158.6	1159.5	1161.3	1163.2	1165.0	1166.8	1165.0	1163.2	1161.3
157.5°	1181.3	1179.5	1178.6	1179.4	1181.0	1182.6	1184.2	1185.8	1184.2	1182.6	1181.0
160°	1198.5	1197.3	1196.7	1197.3	1198.5	1199.8	1201.0	1202.2	1201.0	1199.8	1198.5
162.5°	1212.8	1211.8	1211.3	1211.9	1213.1	1214.3	1215.5	1216.7	1215.5	1214.3	1213.1
165°	1224.9	1224.3	1224.0	1224.6	1225.8	1227.0	1228.2	1229.4	1228.2	1227.0	1225.8
167.5°	1234.9	1234.3	1234.0	1234.6	1235.8	1237.0	1238.2	1239.4	1238.2	1237.0	1235.8
170°	1242.7	1242.3	1242.1	1242.7	1243.9	1245.2	1246.4	1247.6	1246.4	1245.2	1243.9
172.5°	1248.2	1247.8	1247.6	1248.2	1249.4	1250.6	1251.8	1253.0	1251.8	1250.6	1249.4
175°	1251.8	1251.4	1251.2	1251.9	1253.3	1254.8	1256.2	1257.6	1256.2	1254.8	1253.3
177.5°	1253.3	1253.1	1253.0	1253.7	1255.1	1256.6	1258.0	1259.4	1258.0	1256.6	1255.1
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P998054

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	1985.4	1993.1	1991.5	1976.1	1959.2	1945.3	1919.0	1922.1	1912.9	1914.4	1923.7
5°	1936.0	1936.0	1929.8	1908.2	1880.5	1865.1	1835.7	1828.0	1809.5	1808.0	1806.4
7.5°	1883.6	1875.9	1868.1	1837.3	1803.3	1778.7	1738.6	1729.3	1710.8	1698.4	1692.3
10°	1821.9	1811.1	1795.6	1760.2	1718.5	1687.6	1646.0	1633.7	1598.2	1582.7	1573.5
12.5°	1754.0	1747.8	1723.1	1693.8	1625.9	1592.0	1531.8	1544.2	1508.7	1477.9	1473.2
15°	1686.1	1663.0	1649.1	1601.3	1519.5	1504.1	1456.3	1431.6	1399.2	1374.5	1374.5
17.5°	1619.8	1584.3	1553.4	1502.5	1442.4	1399.2	1363.7	1351.4	1311.2	1286.6	1281.9
20°	1531.8	1491.7	1484.0	1411.5	1369.9	1322.0	1288.1	1257.3	1227.9	1217.1	1209.4
22.5°	1448.5	1402.3	1389.9	1328.2	1286.6	1238.7	1204.8	1183.2	1161.6	1153.9	1140.0
25°	1359.1	1331.3	1312.8	1246.5	1200.2	1155.4	1132.3	1116.9	1096.8	1095.3	1086.0
27.5°	1272.7	1246.5	1227.9	1164.7	1130.8	1089.1	1070.6	1053.6	1042.8	1038.2	1033.6
30°	1198.6	1169.3	1147.7	1101.4	1059.8	1025.9	1010.4	999.6	993.5	985.7	984.2
32.5°	1116.9	1099.9	1070.6	1035.1	1002.7	970.3	961.1	953.4	944.1	941.0	939.5
35°	1047.5	1024.3	1005.8	965.7	951.8	924.0	913.2	907.1	894.7	891.6	888.6
37.5°	979.6	958.0	937.9	913.2	887.0	871.6	865.4	856.2	850.0	851.5	848.5
40°	911.7	894.7	879.3	853.1	837.7	829.9	817.6	808.3	805.3	806.8	805.3
42.5°	845.4	829.9	820.7	800.6	785.2	777.5	769.8	760.5	765.1	765.1	769.8
45°	785.2	771.3	765.1	749.7	740.5	728.1	720.4	718.9	725.0	723.5	723.5
47.5°	723.5	718.9	711.2	697.3	684.9	677.2	675.7	675.7	681.8	684.9	683.4
50°	675.7	666.4	657.2	646.4	637.1	634.0	629.4	632.5	638.7	638.7	641.7
52.5°	615.5	609.3	606.3	597.0	590.8	590.8	590.8	592.4	597.0	601.6	600.1
55°	563.1	558.4	555.4	550.7	543.0	544.6	543.0	546.1	550.7	555.4	558.4
57.5°	507.5	506.0	502.9	495.2	495.2	493.6	498.3	499.8	507.5	510.6	515.2
60°	458.2	453.5	453.5	447.4	447.4	447.4	452.0	456.6	462.8	464.3	467.4
62.5°	405.7	405.7	404.2	399.5	399.5	404.2	405.7	411.9	415.0	415.0	419.6
65°	356.4	354.8	353.3	354.8	356.4	356.4	361.0	364.1	367.1	368.7	370.2
67.5°	307.0	305.4	308.5	307.0	310.1	316.2	314.7	319.3	324.0	324.0	325.5
70°	260.7	263.8	262.2	265.3	263.8	266.9	271.5	273.0	273.0	274.6	279.2
72.5°	217.5	217.5	217.5	216.0	217.5	220.6	223.7	225.2	228.3	229.9	234.5
75°	175.9	175.9	172.8	175.9	175.9	178.9	182.0	182.0	182.0	185.1	189.7
77.5°	132.7	134.2	132.7	135.8	135.8	137.3	140.4	138.8	141.9	143.5	145.0
80°	97.2	95.6	95.6	95.6	97.2	97.2	100.3	101.8	101.8	106.4	103.4
82.5°	61.7	63.2	61.7	63.2	63.2	64.8	63.2	64.8	66.3	69.4	67.9
85°	35.5	33.9	33.9	35.5	33.9	33.9	35.5	33.9	35.5	33.9	35.5
87.5°	13.9	12.3	12.3	12.3	12.3	10.8	10.8	9.3	9.3	9.3	7.7
90°	9.8	10.9	11.7	13.3	15.0	16.6	18.2	19.2	20.2	21.2	22.2
92.5°	19.5	19.1	19.4	20.0	20.6	21.2	21.8	22.2	22.6	23.0	23.4
95°	32.4	29.1	29.8	31.2	32.6	34.0	35.4	36.4	37.4	38.5	39.5
97.5°	40.1	31.8	33.4	36.6	39.9	43.1	46.3	46.9	47.5	48.1	48.7
100°	50.1	36.3	38.0	41.5	44.9	48.4	51.8	53.4	55.0	56.6	58.2
102.5°	219.0	218.8	200.4	163.7	127.0	90.3	53.6	55.8	58.0	60.3	62.5
105°	300.3	303.3	275.8	220.7	165.6	110.5	55.4	57.6	59.8	62.1	64.3
107.5°	360.7	363.2	329.2	261.2	193.2	125.2	57.2	59.4	61.6	63.9	66.1
110°	419.2	421.3	392.1	333.8	275.5	217.2	158.9	138.7	118.5	98.4	78.2

TEST NUMBER: P998054

CATALOG NUMBER: SA2XXDIP-B1005D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	474.9	476.7	475.0	471.6	468.1	464.7	461.3	374.3	287.3	200.4	113.4
115°	535.8	537.5	540.0	545.1	550.1	555.2	560.2	466.8	373.4	279.9	186.5
117.5°	591.8	593.8	595.5	599.0	602.4	605.9	609.3	580.4	551.6	522.7	493.8
120°	647.7	649.2	651.0	654.7	658.3	662.0	665.6	668.0	670.4	672.9	675.3
122.5°	699.4	701.0	703.0	707.0	711.1	715.1	719.1	720.3	721.5	722.8	724.0
125°	748.7	750.0	751.9	755.8	759.6	763.5	767.3	768.7	770.1	771.5	772.9
127.5°	796.7	798.1	799.6	802.7	805.7	808.8	811.8	813.8	815.8	817.8	819.8
130°	842.8	844.4	845.5	847.7	850.0	852.2	854.4	856.6	858.8	861.1	863.3
132.5°	885.8	887.1	888.2	890.4	892.7	894.9	897.1	898.9	900.7	902.6	904.4
135°	926.4	928.0	928.9	930.7	932.5	934.3	936.1	938.1	940.1	942.2	944.2
137.5°	963.1	964.3	965.3	967.3	969.4	971.4	973.4	975.4	977.4	979.5	981.5
140°	998.9	999.7	1000.8	1003.0	1005.3	1007.5	1009.7	1011.5	1013.3	1015.2	1017.0
142.5°	1030.8	1031.5	1032.8	1035.4	1038.1	1040.7	1043.3	1044.9	1046.5	1048.2	1049.8
145°	1058.8	1058.7	1060.4	1063.9	1067.3	1070.8	1074.2	1075.6	1077.0	1078.4	1079.8
147.5°	1087.2	1086.9	1088.6	1092.0	1095.5	1098.9	1102.3	1103.3	1104.3	1105.4	1106.4
150°	1113.0	1112.3	1113.9	1117.1	1120.4	1123.6	1126.8	1128.0	1129.2	1130.5	1131.7
152.5°	1136.7	1135.9	1137.4	1140.4	1143.5	1146.5	1149.5	1150.7	1151.9	1153.2	1154.4
155°	1159.5	1158.6	1159.8	1162.2	1164.7	1167.1	1169.5	1170.7	1171.9	1173.2	1174.4
157.5°	1179.4	1178.6	1179.5	1181.3	1183.2	1185.0	1186.8	1188.2	1189.6	1191.0	1192.4
160°	1197.3	1196.7	1197.3	1198.5	1199.8	1201.0	1202.2	1203.4	1204.6	1205.8	1207.0
162.5°	1211.9	1211.3	1211.8	1212.8	1213.8	1214.8	1215.8	1217.2	1218.6	1220.1	1221.5
165°	1224.6	1224.0	1224.3	1224.9	1225.5	1226.1	1226.7	1228.1	1229.5	1231.0	1232.4
167.5°	1234.6	1234.0	1234.3	1234.9	1235.5	1236.1	1236.7	1238.1	1239.5	1241.0	1242.4
170°	1242.7	1242.1	1242.3	1242.7	1243.2	1243.6	1244.0	1245.4	1246.8	1248.2	1249.6
172.5°	1248.2	1247.6	1247.8	1248.2	1248.6	1249.0	1249.4	1250.8	1252.2	1253.7	1255.1
175°	1251.9	1251.2	1251.4	1251.8	1252.2	1252.6	1253.0	1254.4	1255.8	1257.3	1258.7
177.5°	1253.7	1253.0	1253.1	1253.3	1253.5	1253.7	1253.9	1255.3	1256.7	1258.2	1259.6
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P998054

CATALOG NUMBER: SA2XXDIP-B1005D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	1912.9	1917.5	1906.7	1903.6	1906.7	1895.9	1899.0	1902.1	1902.1	1906.7	1909.8
5°	1801.8	1795.6	1784.8	1781.8	1778.7	1783.3	1780.2	1784.8	1786.4	1797.2	1798.7
7.5°	1692.3	1683.0	1673.8	1664.5	1661.4	1653.7	1661.4	1661.4	1672.2	1669.1	1676.9
10°	1562.7	1561.2	1548.8	1544.2	1538.0	1525.7	1542.6	1538.0	1545.7	1559.6	1562.7
12.5°	1467.1	1450.1	1457.8	1436.2	1443.9	1431.6	1433.1	1433.1	1445.5	1447.0	1443.9
15°	1376.0	1362.2	1342.1	1332.8	1328.2	1322.0	1342.1	1343.6	1334.4	1356.0	1348.3
17.5°	1283.5	1283.5	1265.0	1260.3	1248.0	1254.2	1251.1	1252.6	1249.5	1265.0	1272.7
20°	1203.3	1195.5	1189.4	1190.9	1175.5	1172.4	1169.3	1172.4	1183.2	1194.0	1197.1
22.5°	1138.5	1133.8	1118.4	1121.5	1109.2	1113.8	1110.7	1118.4	1120.0	1120.0	1130.8
25°	1076.8	1070.6	1072.1	1066.0	1061.3	1061.3	1056.7	1061.3	1067.5	1070.6	1072.1
27.5°	1030.5	1025.9	1018.1	1013.5	1016.6	1008.9	1015.1	1019.7	1019.7	1016.6	1019.7
30°	974.9	978.0	978.0	962.6	968.8	965.7	970.3	973.4	973.4	974.9	971.9
32.5°	937.9	928.7	927.1	925.6	925.6	919.4	919.4	924.0	925.6	927.1	931.8
35°	888.6	888.6	880.8	885.5	879.3	880.8	879.3	880.8	883.9	879.3	883.9
37.5°	843.8	845.4	842.3	845.4	846.9	843.8	840.7	846.9	843.8	843.8	840.7
40°	805.3	803.7	805.3	805.3	805.3	806.8	803.7	803.7	803.7	800.6	797.5
42.5°	772.9	763.6	766.7	768.2	763.6	763.6	765.1	763.6	768.2	759.0	759.0
45°	726.6	723.5	725.0	725.0	728.1	723.5	726.6	728.1	723.5	722.0	718.9
47.5°	684.9	688.0	684.9	688.0	688.0	691.1	684.9	686.5	688.0	681.8	677.2
50°	643.3	643.3	647.9	646.4	647.9	644.8	644.8	643.3	644.8	641.7	637.1
52.5°	604.7	600.1	607.8	606.3	604.7	603.2	601.6	603.2	600.1	597.0	597.0
55°	556.9	556.9	561.5	563.1	563.1	560.0	556.9	558.4	556.9	555.4	553.8
57.5°	518.3	512.2	515.2	516.8	516.8	512.2	515.2	512.2	512.2	513.7	509.1
60°	469.0	469.0	465.9	470.5	470.5	467.4	467.4	469.0	465.9	464.3	462.8
62.5°	416.5	418.1	422.7	424.2	425.8	422.7	419.6	421.1	421.1	416.5	418.1
65°	371.8	374.9	381.0	379.5	376.4	377.9	374.9	376.4	371.8	373.3	368.7
67.5°	328.6	327.0	328.6	328.6	331.7	330.1	327.0	327.0	325.5	330.1	325.5
70°	282.3	282.3	282.3	282.3	283.8	285.4	282.3	279.2	280.8	277.7	276.1
72.5°	234.5	236.0	234.5	237.6	232.9	236.0	236.0	234.5	232.9	232.9	232.9
75°	189.7	192.8	188.2	189.7	188.2	191.3	189.7	189.7	186.7	185.1	186.7
77.5°	145.0	146.6	143.5	145.0	143.5	145.0	145.0	143.5	143.5	143.5	143.5
80°	103.4	104.9	103.4	101.8	100.3	103.4	100.3	101.8	103.4	101.8	104.9
82.5°	66.3	66.3	64.8	66.3	63.2	63.2	64.8	64.8	63.2	66.3	63.2
85°	32.4	32.4	35.5	32.4	30.9	30.9	30.9	32.4	30.9	33.9	32.4
87.5°	7.7	6.2	7.7	7.7	6.2	6.2	7.7	6.2	7.7	9.3	6.2
90°	22.7	22.9	23.3	23.7	24.1	24.5	24.1	23.7	23.3	22.9	22.7
92.5°	23.6	23.7	23.9	24.1	24.3	24.5	24.3	24.1	23.9	23.7	23.6
95°	40.0	39.9	39.7	39.4	39.2	39.0	39.2	39.4	39.7	39.9	40.0
97.5°	49.0	49.1	49.3	49.5	49.7	49.9	49.7	49.5	49.3	49.1	49.0
100°	59.0	59.2	59.6	60.0	60.4	60.8	60.4	60.0	59.6	59.2	59.0
102.5°	63.6	63.9	64.5	65.1	65.7	66.3	65.7	65.1	64.5	63.9	63.6
105°	65.4	65.8	66.6	67.4	68.2	69.0	68.2	67.4	66.6	65.8	65.4
107.5°	67.2	67.6	68.4	69.2	70.0	70.8	70.0	69.2	68.4	67.6	67.2
110°	68.1	68.5	69.3	70.1	70.9	71.7	70.9	70.1	69.3	68.5	68.1

TEST NUMBER: P998054

CATALOG NUMBER: SA2XXDIP-B1005D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	69.9	70.2	70.8	71.4	72.0	72.6	72.0	71.4	70.8	70.2	69.9
115°	139.8	132.5	118.0	103.5	89.0	74.5	89.0	103.5	118.0	132.5	139.8
117.5°	479.4	453.0	400.1	347.2	294.4	241.5	294.4	347.2	400.1	453.0	479.4
120°	676.5	662.9	635.6	608.4	581.1	553.9	581.1	608.4	635.6	662.9	676.5
122.5°	724.6	724.7	724.9	725.1	725.3	725.5	725.3	725.1	724.9	724.7	724.6
125°	773.6	773.9	774.5	775.1	775.7	776.3	775.7	775.1	774.5	773.9	773.6
127.5°	820.8	820.9	821.1	821.3	821.5	821.7	821.5	821.3	821.1	820.9	820.8
130°	864.4	864.3	864.1	863.9	863.7	863.5	863.7	863.9	864.1	864.3	864.4
132.5°	905.3	905.2	905.0	904.8	904.6	904.4	904.6	904.8	905.0	905.2	905.3
135°	945.2	945.0	944.6	944.2	943.8	943.4	943.8	944.2	944.6	945.0	945.2
137.5°	982.5	982.2	981.6	980.9	980.3	979.7	980.3	980.9	981.6	982.2	982.5
140°	1017.9	1017.4	1016.4	1015.3	1014.3	1013.3	1014.3	1015.3	1016.4	1017.4	1017.9
142.5°	1050.6	1050.1	1049.1	1048.0	1047.0	1046.0	1047.0	1048.0	1049.1	1050.1	1050.6
145°	1080.5	1080.0	1079.0	1078.0	1077.0	1076.0	1077.0	1078.0	1079.0	1080.0	1080.5
147.5°	1106.9	1106.5	1105.7	1104.8	1104.0	1103.2	1104.0	1104.8	1105.7	1106.5	1106.9
150°	1132.3	1131.8	1130.8	1129.7	1128.7	1127.7	1128.7	1129.7	1130.8	1131.8	1132.3
152.5°	1155.0	1154.3	1152.9	1151.4	1150.0	1148.6	1150.0	1151.4	1152.9	1154.3	1155.0
155°	1175.0	1174.2	1172.6	1170.9	1169.3	1167.7	1169.3	1170.9	1172.6	1174.2	1175.0
157.5°	1193.1	1192.3	1190.7	1189.0	1187.4	1185.8	1187.4	1189.0	1190.7	1192.3	1193.1
160°	1207.6	1206.9	1205.5	1204.1	1202.7	1201.3	1202.7	1204.1	1205.5	1206.9	1207.6
162.5°	1222.2	1221.3	1219.5	1217.6	1215.8	1214.0	1215.8	1217.6	1219.5	1221.3	1222.2
165°	1233.1	1232.4	1231.0	1229.5	1228.1	1226.7	1228.1	1229.5	1231.0	1232.4	1233.1
167.5°	1243.1	1242.2	1240.4	1238.5	1236.7	1234.9	1236.7	1238.5	1240.4	1242.2	1243.1
170°	1250.3	1249.4	1247.6	1245.7	1243.9	1242.1	1243.9	1245.7	1247.6	1249.4	1250.3
172.5°	1255.8	1254.9	1253.1	1251.2	1249.4	1247.6	1249.4	1251.2	1253.1	1254.9	1255.8
175°	1259.4	1258.4	1256.4	1254.3	1252.3	1250.3	1252.3	1254.3	1256.4	1258.4	1259.4
177.5°	1260.3	1259.4	1257.6	1255.7	1253.9	1252.1	1253.9	1255.7	1257.6	1259.4	1260.3
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P998054

CATALOG NUMBER: SA2XXDIP-B1005D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	1905.2	1917.5	1912.9	1895.9	1916.0	1916.0	1929.8	1929.8	1946.8	1953.0	1962.2
5°	1797.2	1806.4	1814.1	1806.4	1820.3	1841.9	1854.3	1865.1	1888.2	1897.4	1911.3
7.5°	1681.5	1698.4	1706.2	1706.2	1729.3	1754.0	1778.7	1794.1	1826.5	1838.8	1852.7
10°	1568.9	1588.9	1604.3	1602.8	1641.4	1656.8	1687.6	1723.1	1755.5	1774.0	1794.1
12.5°	1450.1	1460.9	1482.5	1513.3	1522.6	1550.4	1585.8	1630.6	1689.2	1706.2	1735.5
15°	1351.4	1380.7	1397.6	1411.5	1433.1	1459.3	1497.9	1541.1	1599.7	1636.7	1667.6
17.5°	1268.1	1306.6	1317.4	1314.3	1342.1	1382.2	1426.9	1459.3	1511.8	1556.5	1585.8
20°	1200.2	1215.6	1234.1	1241.8	1263.4	1306.6	1349.8	1386.8	1430.0	1465.5	1499.4
22.5°	1132.3	1144.6	1160.1	1173.9	1190.9	1215.6	1257.3	1303.5	1345.2	1379.1	1417.7
25°	1076.8	1084.5	1098.4	1109.2	1127.7	1144.6	1173.9	1224.9	1274.2	1294.3	1328.2
27.5°	1022.8	1028.9	1038.2	1050.5	1059.8	1076.8	1103.0	1144.6	1195.5	1215.6	1261.9
30°	974.9	979.6	988.8	995.0	999.6	1019.7	1039.7	1072.1	1110.7	1138.5	1172.4
32.5°	930.2	934.8	944.1	945.6	951.8	962.6	981.1	1010.4	1044.4	1067.5	1096.8
35°	880.8	883.9	893.2	896.3	900.9	910.2	924.0	945.6	976.5	993.5	1019.7
37.5°	842.3	840.7	846.9	851.5	857.7	862.3	867.0	888.6	911.7	927.1	947.2
40°	800.6	797.5	799.1	805.3	808.3	814.5	814.5	836.1	851.5	863.9	879.3
42.5°	759.0	757.4	754.4	757.4	760.5	762.1	763.6	779.0	794.5	805.3	822.2
45°	717.3	715.8	712.7	714.2	714.2	717.3	722.0	728.1	738.9	748.2	757.4
47.5°	678.8	675.7	671.0	669.5	672.6	672.6	672.6	678.8	689.6	692.6	701.9
50°	638.7	634.0	627.9	624.8	624.8	623.2	626.3	627.9	637.1	640.2	647.9
52.5°	595.5	592.4	586.2	580.0	581.6	578.5	580.0	581.6	584.7	589.3	593.9
55°	552.3	546.1	541.5	539.9	535.3	535.3	530.7	536.8	535.3	536.8	543.0
57.5°	510.6	504.4	496.7	493.6	489.0	487.5	484.4	482.8	484.4	489.0	493.6
60°	461.2	458.2	453.5	448.9	445.8	441.2	438.1	438.1	436.6	436.6	438.1
62.5°	413.4	411.9	405.7	404.2	401.1	398.0	393.4	390.3	390.3	393.4	394.9
65°	367.1	365.6	361.0	359.4	351.7	348.6	347.1	345.6	342.5	342.5	342.5
67.5°	324.0	319.3	319.3	311.6	305.4	302.4	299.3	297.7	297.7	297.7	299.3
70°	276.1	276.1	271.5	266.9	260.7	262.2	257.6	253.0	253.0	249.9	251.5
72.5°	229.9	228.3	223.7	222.1	217.5	212.9	209.8	212.9	208.3	206.7	208.3
75°	185.1	183.6	180.5	177.4	178.9	174.3	169.7	168.1	168.1	165.1	165.1
77.5°	141.9	145.0	138.8	137.3	134.2	131.1	129.6	128.0	128.0	128.0	131.1
80°	98.7	100.3	100.3	97.2	98.7	94.1	94.1	94.1	89.5	91.0	92.6
82.5°	63.2	63.2	61.7	63.2	61.7	61.7	60.2	60.2	58.6	58.6	60.2
85°	35.5	33.9	32.4	35.5	33.9	33.9	32.4	32.4	32.4	32.4	32.4
87.5°	7.7	9.3	9.3	9.3	9.3	10.8	10.8	10.8	12.3	12.3	12.3
90°	22.2	21.2	20.2	19.2	18.2	16.6	15.0	13.3	11.7	10.9	9.8
92.5°	23.4	23.0	22.6	22.2	21.8	21.2	20.6	20.0	19.4	19.1	19.5
95°	39.5	38.5	37.4	36.4	35.4	34.0	32.6	31.2	29.8	29.1	32.4
97.5°	48.7	48.1	47.5	46.9	46.3	43.1	39.9	36.6	33.4	31.8	40.1
100°	58.2	56.6	55.0	53.4	51.8	48.4	44.9	41.5	38.0	36.3	50.1
102.5°	62.5	60.3	58.0	55.8	53.6	90.3	127.0	163.7	200.4	218.8	219.0
105°	64.3	62.1	59.8	57.6	55.4	110.5	165.6	220.7	275.8	303.3	300.3
107.5°	66.1	63.9	61.6	59.4	57.2	125.2	193.2	261.2	329.2	363.2	360.7
110°	78.2	98.4	118.5	138.7	158.9	217.2	275.5	333.8	392.1	421.3	419.2

TEST NUMBER: P998054

CATALOG NUMBER: SA2XXDIP-B1005D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	113.4	200.4	287.3	374.3	461.3	464.7	468.1	471.6	475.0	476.7	474.9
115°	186.5	279.9	373.4	466.8	560.2	555.2	550.1	545.1	540.0	537.5	535.8
117.5°	493.8	522.7	551.6	580.4	609.3	605.9	602.4	599.0	595.5	593.8	591.8
120°	675.3	672.9	670.4	668.0	665.6	662.0	658.3	654.7	651.0	649.2	647.7
122.5°	724.0	722.8	721.5	720.3	719.1	715.1	711.1	707.0	703.0	701.0	699.4
125°	772.9	771.5	770.1	768.7	767.3	763.5	759.6	755.8	751.9	750.0	748.7
127.5°	819.8	817.8	815.8	813.8	811.8	808.8	805.7	802.7	799.6	798.1	796.7
130°	863.3	861.1	858.8	856.6	854.4	852.2	850.0	847.7	845.5	844.4	842.8
132.5°	904.4	902.6	900.7	898.9	897.1	894.9	892.7	890.4	888.2	887.1	885.8
135°	944.2	942.2	940.1	938.1	936.1	934.3	932.5	930.7	928.9	928.0	926.4
137.5°	981.5	979.5	977.4	975.4	973.4	971.4	969.4	967.3	965.3	964.3	963.1
140°	1017.0	1015.2	1013.3	1011.5	1009.7	1007.5	1005.3	1003.0	1000.8	999.7	998.9
142.5°	1049.8	1048.2	1046.5	1044.9	1043.3	1040.7	1038.1	1035.4	1032.8	1031.5	1030.8
145°	1079.8	1078.4	1077.0	1075.6	1074.2	1070.8	1067.3	1063.9	1060.4	1058.7	1058.8
147.5°	1106.4	1105.4	1104.3	1103.3	1102.3	1098.9	1095.5	1092.0	1088.6	1086.9	1087.2
150°	1131.7	1130.5	1129.2	1128.0	1126.8	1123.6	1120.4	1117.1	1113.9	1112.3	1113.0
152.5°	1154.4	1153.2	1151.9	1150.7	1149.5	1146.5	1143.5	1140.4	1137.4	1135.9	1136.7
155°	1174.4	1173.2	1171.9	1170.7	1169.5	1167.1	1164.7	1162.2	1159.8	1158.6	1159.5
157.5°	1192.4	1191.0	1189.6	1188.2	1186.8	1185.0	1183.2	1181.3	1179.5	1178.6	1179.4
160°	1207.0	1205.8	1204.6	1203.4	1202.2	1201.0	1199.8	1198.5	1197.3	1196.7	1197.3
162.5°	1221.5	1220.1	1218.6	1217.2	1215.8	1214.8	1213.8	1212.8	1211.8	1211.3	1211.9
165°	1232.4	1231.0	1229.5	1228.1	1226.7	1226.1	1225.5	1224.9	1224.3	1224.0	1224.6
167.5°	1242.4	1241.0	1239.5	1238.1	1236.7	1236.1	1235.5	1234.9	1234.3	1234.0	1234.6
170°	1249.6	1248.2	1246.8	1245.4	1244.0	1243.6	1243.2	1242.7	1242.3	1242.1	1242.7
172.5°	1255.1	1253.7	1252.2	1250.8	1249.4	1249.0	1248.6	1248.2	1247.8	1247.6	1248.2
175°	1258.7	1257.3	1255.8	1254.4	1253.0	1252.6	1252.2	1251.8	1251.4	1251.2	1251.9
177.5°	1259.6	1258.2	1256.7	1255.3	1253.9	1253.7	1253.5	1253.3	1253.1	1253.0	1253.7
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P998054

CATALOG NUMBER: SA2XXDIP-B1005D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	2007.0	2007.0	2007.0	2007.0
2.5°	1970.0	1970.0	1993.1	2017.8
5°	1926.8	1937.6	1974.6	2008.5
7.5°	1885.1	1903.6	1949.9	1993.1
10°	1834.2	1858.9	1916.0	1966.9
12.5°	1784.8	1808.0	1874.3	1931.4
15°	1715.4	1744.7	1815.7	1886.6
17.5°	1646.0	1675.3	1761.7	1845.0
20°	1564.2	1602.8	1700.0	1811.1
22.5°	1488.6	1536.5	1644.5	1733.9
25°	1405.3	1479.4	1579.7	1695.4
27.5°	1331.3	1405.3	1507.2	1624.4
30°	1248.0	1323.6	1428.5	1536.5
32.5°	1167.8	1237.2	1339.0	1471.7
35°	1084.5	1150.8	1249.5	1383.7
37.5°	1008.9	1073.7	1181.7	1305.1
40°	934.8	1002.7	1095.3	1218.7
42.5°	865.4	925.6	1008.9	1132.3
45°	802.2	845.4	922.5	1038.2
47.5°	735.8	774.4	845.4	961.1
50°	674.1	706.5	768.2	876.2
52.5°	614.0	641.7	698.8	785.2
55°	560.0	586.2	627.9	712.7
57.5°	504.4	524.5	564.6	632.5
60°	450.5	469.0	501.4	556.9
62.5°	396.5	411.9	442.7	487.5
65°	348.6	361.0	384.1	422.7
67.5°	302.4	310.1	328.6	359.4
70°	257.6	263.8	279.2	303.9
72.5°	209.8	216.0	232.9	249.9
75°	169.7	171.2	183.6	197.5
77.5°	132.7	131.1	140.4	151.2
80°	91.0	95.6	103.4	108.0
82.5°	61.7	63.2	66.3	69.4
85°	33.9	35.5	35.5	40.1
87.5°	13.9	15.4	15.4	17.0
90°	7.6	5.3	3.1	0.9
92.5°	20.3	21.1	21.9	22.7
95°	39.1	45.7	52.4	59.0
97.5°	56.6	73.1	89.7	106.2
100°	77.8	105.4	133.1	160.7
102.5°	219.4	219.8	220.2	220.6
105°	294.2	288.1	282.1	276.0
107.5°	355.6	350.6	345.5	340.5
110°	414.9	410.7	406.4	402.2

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	471.3	467.6	464.0	460.4
115°	532.4	528.9	525.5	522.1
117.5°	587.8	583.7	579.7	575.7
120°	644.7	641.6	638.6	635.6
122.5°	696.1	692.9	689.6	686.4
125°	746.1	743.4	740.8	738.2
127.5°	793.9	791.0	788.2	785.4
130°	839.6	836.3	833.1	829.9
132.5°	883.2	880.5	877.9	875.3
135°	923.1	919.9	916.6	913.4
137.5°	960.7	958.2	955.8	953.4
140°	997.3	995.6	994.0	992.4
142.5°	1029.4	1027.9	1026.5	1025.1
145°	1059.0	1059.2	1059.4	1059.6
147.5°	1087.8	1088.4	1089.0	1089.6
150°	1114.4	1115.9	1117.3	1118.7
152.5°	1138.3	1140.0	1141.6	1143.2
155°	1161.3	1163.2	1165.0	1166.8
157.5°	1181.0	1182.6	1184.2	1185.8
160°	1198.5	1199.8	1201.0	1202.2
162.5°	1213.1	1214.3	1215.5	1216.7
165°	1225.8	1227.0	1228.2	1229.4
167.5°	1235.8	1237.0	1238.2	1239.4
170°	1243.9	1245.2	1246.4	1247.6
172.5°	1249.4	1250.6	1251.8	1253.0
175°	1253.3	1254.8	1256.2	1257.6
177.5°	1255.1	1256.6	1258.0	1259.4
180°	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P998054

CATALOG NUMBER: SA2XXDIP-B1005D925UB35-4F0-XX-W2A-A

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	18.28	19.15	19.21	20.09	21.29	15.78	16.64	16.70	17.58	18.79
	3H	19.09	19.87	20.03	20.82	22.05	17.12	17.90	18.06	18.84	20.07
	4H	19.26	20.00	20.21	20.95	22.19	17.58	18.32	18.53	19.27	20.51
	6H	19.31	19.98	20.27	20.94	22.19	17.89	18.57	18.85	19.52	20.77
	8H	19.29	19.93	20.26	20.90	22.15	17.98	18.62	18.94	19.59	20.84
	12H	19.25	19.86	20.22	20.83	22.10	18.02	18.63	18.99	19.59	20.87
4H	2H	18.32	19.06	19.28	20.01	21.25	16.22	16.96	17.18	17.91	19.15
	3H	19.31	19.92	20.27	20.90	22.15	17.68	18.29	18.65	19.27	20.53
	4H	19.58	20.14	20.56	21.11	22.39	18.22	18.78	19.19	19.75	21.03
	6H	19.71	20.19	20.70	21.19	22.47	18.60	19.08	19.59	20.07	21.35
	8H	19.71	20.16	20.70	21.15	22.44	18.71	19.16	19.70	20.15	21.44
	12H	19.68	20.08	20.68	21.09	22.38	18.77	19.17	19.77	20.18	21.47
8H	4H	19.59	20.04	20.58	21.03	22.32	18.36	18.81	19.35	19.80	21.09
	6H	19.77	20.14	20.78	21.17	22.46	18.80	19.16	19.81	20.20	21.49
	8H	19.80	20.13	20.82	21.15	22.45	18.95	19.27	19.97	20.29	21.60
	12H	19.79	20.07	20.81	21.09	22.44	19.04	19.32	20.06	20.34	21.69
12H	4H	19.55	19.95	20.56	20.96	22.26	18.34	18.74	19.34	19.75	21.04
	6H	19.75	20.07	20.77	21.10	22.40	18.80	19.12	19.82	20.14	21.45
	8H	19.78	20.07	20.81	21.08	22.44	18.95	19.24	19.98	20.25	21.61