

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: P997785

Luminaire Tested: SA2XXDIP-B1005D1080UB27-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P997785
REPORT IS A COMBINATION OF REPORTS P983519 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B1005D1080UB27-4F0-XX-W2A-A1
Description: Define 2 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

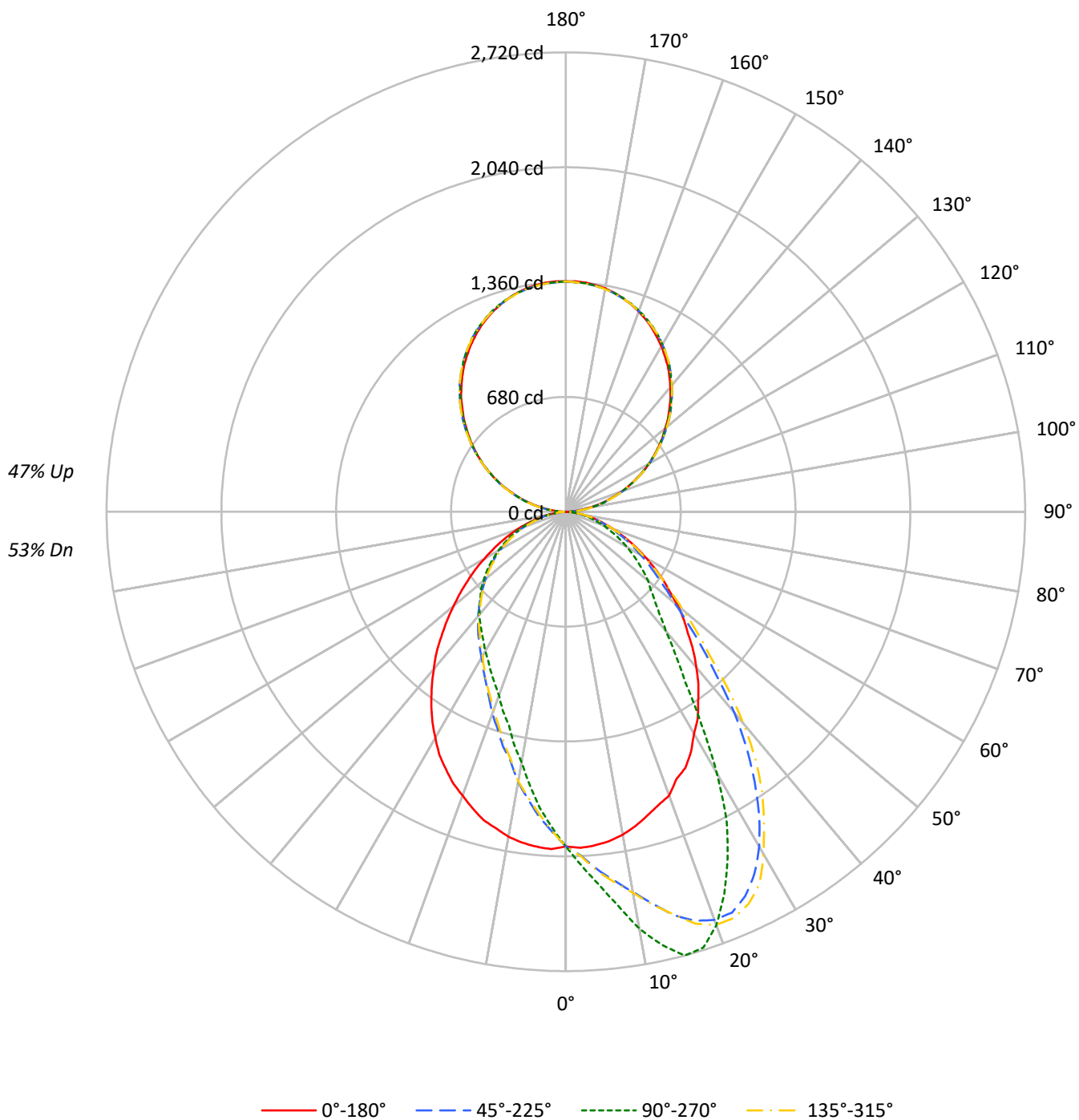
Lumens per Lamp: N/A
Luminaire Lumens: 8188.0 lumens
Efficiency: N/A
Efficacy: 85.0 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 96.3
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	85	85	85	72	72	72	59	59	59
1	99	95	91	88	92	88	85	82	76	73	71	64	62	61	53	52	51
2	91	83	78	73	84	78	73	68	67	63	60	57	54	52	47	46	44
3	83	74	67	61	77	69	63	58	59	55	51	51	47	44	42	40	38
4	76	66	58	52	70	61	55	49	53	48	44	45	42	38	38	35	33
5	70	59	51	45	65	55	48	43	48	42	38	41	37	34	35	32	29
6	65	53	45	39	60	50	43	37	43	38	34	37	33	30	32	29	26
7	60	48	40	35	56	45	38	33	39	34	30	34	30	27	29	26	23
8	56	44	36	31	52	41	34	30	36	31	27	31	27	24	27	24	21
9	52	40	33	28	48	38	31	27	33	28	24	29	25	22	25	22	19
10	49	37	30	25	45	35	28	24	31	25	22	27	23	20	23	20	17

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	31359	31359	31359	31359
5°	31436	33437	31556	26602
10°	31070	36502	31265	21932
15°	30317	38501	30739	18474
20°	29843	36150	29843	16057
25°	28892	31057	29025	14360
30°	27328	24414	27849	13007
35°	25941	16882	26375	11901
40°	24348	12746	24625	11018
45°	22382	10474	22749	10067
50°	20683	9193	20721	9215
55°	18746	7833	18868	8291
60°	16680	6542	16911	7235
65°	14831	5321	15105	6179
70°	12992	4175	13321	4983
75°	10903	3032	11328	3614
80°	8511	1922	9117	2144
85°	5594	966	6018	717

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 32417 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.7	2.3
10°-20°	549.2	6.7
20°-30°	797.1	9.7
30°-40°	840.3	10.3
40°-50°	743.6	9.1
50°-60°	593.7	7.3
60°-70°	403.3	4.9
70°-80°	206.3	2.5
80°-90°	52.6	0.6
90°-100°	84.4	1.0
100°-110°	268.2	3.3
110°-120°	458.9	5.6
120°-130°	603.6	7.4
130°-140°	677.5	8.3
140°-150°	664.4	8.1
150°-160°	557.3	6.8
160°-170°	369.6	4.5
170°-180°	129.2	1.6
0°-30°	1535.0	18.7
0°-40°	2375.3	29.0
0°-60°	3712.6	45.3
0°-90°	4374.9	53.4
90°-120°	811.5	9.9
90°-150°	2757.0	33.7
90°-180°	3813.0	46.6
0°-180°	8188.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1981	1981	1981	1981	1981	
5°	1983	2213	1990	1760	1983	188
15°	1862	2720	1888	1305	1862	526
25°	1674	2266	1681	1048	1674	765
35°	1366	1234	1389	870	1366	855
45°	1025	743	1042	714	1025	795
55°	704	522	708	553	704	628
65°	417	321	425	373	417	415
75°	195	158	202	189	195	209
85°	40	41	43	30	40	46
90°	1	39	1	39	1	6
95°	60	71	60	71	60	67
105°	248	256	248	256	248	261
115°	460	460	460	460	460	455
125°	670	672	670	672	670	599
135°	867	877	867	877	867	670
145°	1052	1064	1052	1064	1052	657
155°	1203	1212	1203	1212	1203	554
165°	1309	1310	1309	1310	1309	369
175°	1362	1357	1362	1357	1362	129
180°	1364	1364	1364	1364	1364	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	1991.8	1996.4	2004.0	2005.5	2020.7	2032.9	2046.6	2046.6	2051.2	2049.7	2037.5
5°	1982.7	1996.4	2016.2	2032.9	2060.3	2072.5	2090.8	2104.5	2116.7	2125.8	2124.3
7.5°	1967.4	1991.8	2020.7	2052.7	2089.3	2110.6	2136.5	2160.8	2177.6	2192.8	2203.5
10°	1941.5	1982.7	2022.3	2064.9	2112.1	2141.0	2171.5	2203.5	2229.4	2258.3	2285.7
12.5°	1906.5	1965.9	2014.6	2071.0	2128.9	2160.8	2209.6	2233.9	2284.2	2357.3	2377.1
15°	1862.4	1943.1	1988.8	2060.3	2136.5	2162.4	2229.4	2268.9	2372.5	2418.2	2473.0
17.5°	1821.2	1911.1	1972.0	2054.2	2128.9	2179.1	2244.6	2325.3	2412.1	2477.6	2538.5
20°	1787.7	1874.5	1947.6	2039.0	2133.4	2197.4	2265.9	2363.4	2457.8	2524.8	2572.0
22.5°	1711.6	1822.8	1908.0	2010.1	2124.3	2212.6	2278.1	2384.7	2486.7	2527.8	2568.9
25°	1673.5	1769.5	1868.5	1984.2	2118.2	2223.3	2279.6	2398.4	2488.2	2503.5	2512.6
27.5°	1603.5	1711.6	1827.3	1959.8	2116.7	2205.0	2276.6	2384.7	2456.2	2445.6	2418.2
30°	1516.7	1649.2	1777.1	1920.2	2095.3	2191.3	2258.3	2357.3	2393.8	2339.0	2290.3
32.5°	1452.7	1577.6	1719.2	1885.2	2071.0	2162.4	2227.8	2305.5	2313.1	2214.1	2131.9
35°	1365.9	1504.5	1664.4	1839.5	2029.9	2112.1	2173.0	2220.2	2183.7	2045.1	1947.6
37.5°	1288.3	1425.3	1595.9	1774.0	1973.5	2054.2	2103.0	2110.6	2020.7	1898.9	1755.8
40°	1203.0	1344.6	1522.8	1710.1	1911.1	1981.1	2011.6	1988.8	1859.3	1717.7	1551.7
42.5°	1117.7	1257.8	1449.7	1641.6	1831.9	1891.3	1903.5	1841.0	1682.7	1516.7	1324.8
45°	1024.8	1171.0	1362.9	1556.3	1740.5	1774.0	1775.6	1685.7	1498.4	1324.8	1146.7
47.5°	948.7	1084.2	1274.6	1468.0	1623.3	1646.1	1637.0	1533.4	1329.4	1134.5	979.1
50°	864.9	994.4	1183.2	1373.6	1506.0	1512.1	1489.3	1341.6	1142.1	963.9	840.6
52.5°	775.1	906.1	1079.7	1262.4	1381.2	1372.0	1327.9	1169.5	982.2	834.5	740.1
55°	703.5	819.3	982.2	1160.4	1244.1	1218.2	1169.5	1008.1	860.4	735.5	653.3
57.5°	624.3	726.4	886.3	1041.6	1090.3	1065.9	1017.2	866.5	729.4	635.0	580.2
60°	549.7	642.6	782.7	912.1	950.2	924.3	868.0	732.5	633.5	554.3	513.2
62.5°	481.2	561.9	679.2	797.9	813.2	787.3	738.5	628.9	543.6	481.2	450.7
65°	417.2	493.4	587.8	677.6	691.3	663.9	613.7	534.5	462.9	423.3	394.4
67.5°	354.8	415.7	499.5	565.0	572.6	546.7	505.6	441.6	397.4	354.8	333.5
70°	300.0	345.7	411.2	464.4	467.5	443.1	421.8	363.9	330.4	300.0	283.2
72.5°	246.7	278.7	328.9	368.5	370.0	354.8	335.0	298.5	269.5	248.2	231.5
75°	194.9	222.3	252.8	287.8	286.3	274.1	258.9	236.0	211.7	198.0	190.3
77.5°	149.2	166.0	190.3	213.2	213.2	207.1	198.0	181.2	166.0	152.3	144.7
80°	106.6	117.3	137.1	144.7	147.7	146.2	138.6	126.4	120.3	109.6	106.6
82.5°	68.5	76.1	85.3	92.9	97.5	94.4	92.9	86.8	77.7	74.6	71.6
85°	39.6	42.6	47.2	51.8	53.3	51.8	54.8	50.3	45.7	45.7	44.2
87.5°	16.8	18.3	21.3	21.3	22.8	22.8	21.3	22.8	22.8	21.3	19.8
90°	1.2	4.3	7.3	10.4	13.5	15.0	17.8	23.4	29.1	34.7	40.3
92.5°	25.3	27.3	29.4	31.4	33.5	34.5	34.6	34.9	35.2	35.4	35.7
95°	59.8	62.4	65.0	67.5	70.1	71.4	71.7	72.2	72.7	73.2	73.7
97.5°	100.1	102.4	104.7	107.0	109.3	110.5	111.0	112.0	113.1	114.1	115.1
100°	146.2	148.2	150.3	152.3	154.4	155.4	155.8	156.5	157.3	158.0	158.8
102.5°	194.5	196.0	197.6	199.1	200.6	201.4	201.9	202.9	204.0	205.0	206.0
105°	247.5	248.3	249.0	249.8	250.5	250.9	251.2	251.7	252.2	252.7	253.2
107.5°	300.4	301.4	302.4	303.5	304.5	305.0	305.0	305.0	305.0	305.0	305.0
110°	351.0	352.5	354.1	355.6	357.1	357.9	357.9	357.9	357.9	357.9	357.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	406.3	407.8	409.4	410.9	412.4	413.2	413.1	412.8	412.5	412.3	412.0
115°	460.4	461.9	463.5	465.0	466.5	467.3	467.0	466.5	466.0	465.5	465.0
117.5°	514.5	516.5	518.6	520.6	522.7	523.7	523.1	521.8	520.5	519.2	517.9
120°	568.6	570.6	572.7	574.7	576.8	577.8	576.8	574.7	572.7	570.6	568.6
122.5°	618.1	620.7	623.2	625.8	628.3	629.6	629.0	627.7	626.4	625.1	623.8
125°	669.8	672.1	674.4	676.7	679.0	680.2	679.8	679.1	678.3	677.6	676.8
127.5°	720.5	723.3	726.1	729.0	731.8	733.2	732.7	731.6	730.6	729.5	728.5
130°	767.7	771.0	774.3	777.6	780.9	782.6	782.3	781.8	781.3	780.8	780.3
132.5°	820.6	823.2	825.7	828.3	830.8	832.1	832.2	832.5	832.8	833.0	833.3
135°	866.7	869.5	872.3	875.1	877.9	879.3	879.6	880.1	880.6	881.1	881.6
137.5°	917.3	919.6	921.9	924.2	926.5	927.7	928.0	928.5	929.0	929.5	930.0
140°	962.2	964.5	966.8	969.1	971.4	972.5	973.1	974.4	975.7	977.0	978.3
142.5°	1008.2	1010.5	1012.8	1015.1	1017.4	1018.6	1019.0	1019.7	1020.5	1021.2	1022.0
145°	1052.0	1053.8	1055.6	1057.3	1059.1	1060.0	1060.8	1062.3	1063.8	1065.4	1066.9
147.5°	1091.1	1093.4	1095.7	1098.0	1100.3	1101.5	1102.0	1103.0	1104.1	1105.1	1106.1
150°	1131.4	1132.9	1134.5	1136.0	1137.5	1138.3	1138.8	1139.8	1140.9	1141.9	1142.9
152.5°	1167.1	1168.6	1170.2	1171.7	1173.2	1174.0	1174.6	1175.9	1177.2	1178.4	1179.7
155°	1202.7	1203.5	1204.3	1205.0	1205.8	1206.2	1206.6	1207.3	1208.1	1208.8	1209.6
157.5°	1233.8	1234.3	1234.8	1235.3	1235.8	1236.1	1236.4	1236.9	1237.4	1237.9	1238.4
160°	1261.4	1261.9	1262.4	1262.9	1263.4	1263.7	1263.8	1264.1	1264.4	1264.6	1264.9
162.5°	1286.8	1286.8	1286.8	1286.8	1286.8	1286.8	1286.9	1287.2	1287.4	1287.7	1287.9
165°	1308.6	1308.4	1308.1	1307.9	1307.6	1307.5	1307.5	1307.5	1307.5	1307.5	1307.5
167.5°	1328.2	1327.4	1326.6	1325.9	1325.1	1324.7	1324.7	1324.7	1324.7	1324.7	1324.7
170°	1343.2	1342.4	1341.6	1340.9	1340.1	1339.7	1339.6	1339.3	1339.0	1338.8	1338.5
172.5°	1353.5	1352.7	1352.0	1351.2	1350.5	1350.1	1350.0	1349.7	1349.4	1349.2	1348.9
175°	1361.6	1360.8	1360.0	1359.3	1358.5	1358.1	1357.8	1357.3	1356.8	1356.3	1355.8
177.5°	1366.2	1365.4	1364.6	1363.9	1363.1	1362.7	1362.4	1361.9	1361.4	1360.9	1360.4
180°	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	2058.8	2060.3	2063.4	2078.6	2086.2	2087.7	2081.6	2095.3	2099.9	2095.3	2092.3
5°	2156.3	2165.4	2183.7	2203.5	2201.9	2203.5	2212.6	2221.7	2224.8	2212.6	2217.2
7.5°	2241.5	2259.8	2279.6	2310.1	2310.1	2325.3	2331.4	2339.0	2357.3	2348.1	2345.1
10°	2339.0	2363.4	2399.9	2448.6	2450.2	2465.4	2480.6	2505.0	2512.6	2506.5	2509.5
12.5°	2460.8	2508.0	2511.1	2564.4	2588.7	2591.8	2616.1	2611.6	2626.8	2626.8	2652.7
15°	2514.1	2587.2	2628.3	2680.1	2695.3	2677.1	2696.8	2718.2	2719.7	2719.7	2718.2
17.5°	2610.1	2639.0	2680.1	2707.5	2713.6	2713.6	2715.1	2724.3	2718.2	2706.0	2715.1
20°	2629.8	2642.0	2657.3	2654.2	2657.3	2642.0	2626.8	2611.6	2613.1	2605.5	2628.3
22.5°	2593.3	2590.3	2555.2	2532.4	2532.4	2501.9	2473.0	2459.3	2445.6	2450.2	2457.8
25°	2501.9	2454.7	2412.1	2378.6	2371.0	2322.2	2282.7	2270.5	2247.6	2265.9	2268.9
27.5°	2355.7	2302.4	2233.9	2205.0	2165.4	2145.6	2118.2	2081.6	2034.4	2061.8	2057.3
30°	2198.9	2119.7	2063.4	1993.3	1930.9	1926.3	1874.5	1813.6	1789.3	1789.3	1803.0
32.5°	2023.8	1918.7	1836.5	1737.5	1676.6	1650.7	1588.3	1527.4	1541.1	1495.4	1512.1
35°	1819.7	1681.2	1577.6	1481.7	1436.0	1405.5	1324.8	1291.3	1254.8	1233.5	1273.0
37.5°	1624.8	1464.9	1332.4	1227.4	1210.6	1155.8	1101.0	1079.7	1058.3	1067.5	1065.9
40°	1387.3	1245.6	1126.9	1044.6	1015.7	989.8	953.3	927.4	913.7	921.3	922.8
42.5°	1172.5	1053.8	965.4	907.6	883.2	864.9	846.7	825.3	820.8	820.8	826.9
45°	1006.6	909.1	849.7	802.5	788.8	775.1	761.4	752.3	749.2	743.1	747.7
47.5°	874.1	796.4	759.9	724.8	709.6	706.6	694.4	689.8	683.7	682.2	683.7
50°	762.9	714.2	680.7	660.9	650.2	645.7	639.6	630.4	627.4	635.0	632.0
52.5°	685.3	639.6	621.3	601.5	595.4	589.3	580.2	581.7	580.2	577.1	577.1
55°	607.6	578.7	560.4	545.2	543.6	537.5	529.9	526.9	525.4	522.3	526.9
57.5°	545.2	522.3	505.6	491.9	485.8	485.8	478.2	472.1	472.1	470.5	472.1
60°	482.7	459.9	449.2	435.5	430.9	429.4	424.9	421.8	417.2	417.2	417.2
62.5°	424.9	406.6	394.4	382.2	383.7	376.1	370.0	367.0	367.0	368.5	368.5
65°	370.0	357.9	342.6	332.0	328.9	327.4	324.4	322.8	318.3	321.3	321.3
67.5°	319.8	303.0	293.9	289.3	284.8	283.2	280.2	277.1	275.6	274.1	277.1
70°	269.5	255.8	248.2	245.2	240.6	239.1	237.6	233.0	234.5	236.0	237.6
72.5°	223.8	211.7	210.1	201.0	201.0	201.0	194.9	198.0	196.4	193.4	196.4
75°	176.6	170.6	167.5	162.9	164.5	162.9	161.4	156.8	156.8	158.4	159.9
77.5°	140.1	134.0	132.5	127.9	124.9	127.9	124.9	123.3	123.3	124.9	124.9
80°	103.5	100.5	95.9	95.9	95.9	94.4	94.4	94.4	92.9	91.4	92.9
82.5°	68.5	68.5	67.0	65.5	67.0	64.0	65.5	65.5	65.5	65.5	65.5
85°	44.2	42.6	42.6	41.1	41.1	41.1	42.6	39.6	39.6	41.1	41.1
87.5°	19.8	19.8	19.8	21.3	19.8	19.8	19.8	21.3	19.8	19.8	19.8
90°	39.8	39.3	38.8	38.3	38.0	38.1	38.4	38.6	38.9	39.1	38.9
92.5°	35.9	36.2	36.4	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8
95°	73.7	73.7	73.7	73.7	73.7	73.4	72.9	72.4	71.9	71.4	71.9
97.5°	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1
100°	158.8	158.8	158.8	158.8	158.8	158.7	158.4	158.2	157.9	157.7	157.9
102.5°	206.3	206.5	206.8	207.1	207.2	207.1	206.8	206.5	206.3	206.0	206.3
105°	253.7	254.2	254.7	255.2	255.5	255.5	255.5	255.5	255.5	255.5	255.5
107.5°	305.3	305.5	305.8	306.1	306.2	305.6	304.3	303.0	301.7	300.4	301.7
110°	357.9	357.9	357.9	357.9	357.9	357.5	356.8	356.0	355.3	354.5	355.3

TEST NUMBER: P997785

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	411.2	410.5	409.7	409.0	408.6	408.3	407.8	407.3	406.8	406.3	406.8
115°	464.7	464.5	464.2	463.9	463.8	463.4	462.7	461.9	461.2	460.4	461.2
117.5°	517.1	516.4	515.6	514.9	514.5	514.1	513.3	512.6	511.8	511.0	511.8
120°	568.6	568.6	568.6	568.6	568.6	568.2	567.4	566.7	565.9	565.1	565.9
122.5°	623.0	622.3	621.5	620.8	620.4	620.1	619.6	619.1	618.6	618.1	618.6
125°	676.0	675.2	674.5	673.7	673.3	673.2	672.9	672.7	672.4	672.2	672.4
127.5°	727.5	726.5	725.4	724.4	723.9	723.5	722.8	722.0	721.3	720.5	721.3
130°	779.8	779.3	778.8	778.3	778.0	777.5	776.5	775.4	774.4	773.4	774.4
132.5°	832.0	830.7	829.4	828.1	827.5	827.1	826.4	825.6	824.9	824.1	824.9
135°	881.4	881.1	880.9	880.6	880.5	880.1	879.3	878.6	877.8	877.0	877.8
137.5°	929.7	929.5	929.2	928.9	928.8	928.3	927.3	926.2	925.2	924.2	925.2
140°	978.3	978.3	978.3	978.3	978.3	977.8	976.8	975.7	974.7	973.7	974.7
142.5°	1022.3	1022.5	1022.8	1023.1	1023.2	1022.7	1021.7	1020.6	1019.6	1018.6	1019.6
145°	1067.2	1067.4	1067.7	1068.0	1068.1	1067.6	1066.6	1065.5	1064.5	1063.5	1064.5
147.5°	1106.6	1107.1	1107.6	1108.1	1108.4	1107.9	1106.9	1105.8	1104.8	1103.8	1104.8
150°	1143.7	1144.4	1145.2	1145.9	1146.3	1145.9	1145.2	1144.4	1143.7	1142.9	1143.7
152.5°	1180.7	1181.7	1182.8	1183.8	1184.3	1183.8	1182.8	1181.7	1180.7	1179.7	1180.7
155°	1210.9	1212.2	1213.5	1214.8	1215.4	1215.0	1214.2	1213.5	1212.7	1211.9	1212.7
157.5°	1240.2	1242.0	1243.8	1245.6	1246.5	1245.9	1244.6	1243.3	1242.0	1240.7	1242.0
160°	1266.4	1268.0	1269.5	1271.0	1271.8	1271.3	1270.3	1269.2	1268.2	1267.2	1268.2
162.5°	1289.7	1291.5	1293.3	1295.1	1296.0	1295.4	1294.1	1292.8	1291.5	1290.2	1291.5
165°	1309.3	1311.1	1312.8	1314.6	1315.5	1314.9	1313.6	1312.3	1311.1	1309.8	1311.1
167.5°	1326.5	1328.3	1330.1	1331.9	1332.8	1332.2	1330.9	1329.6	1328.3	1327.0	1328.3
170°	1340.3	1342.1	1343.9	1345.7	1346.6	1345.8	1344.3	1342.8	1341.2	1339.7	1341.2
172.5°	1350.7	1352.5	1354.3	1356.1	1357.0	1356.2	1354.7	1353.2	1351.6	1350.1	1351.6
175°	1357.6	1359.4	1361.2	1363.0	1363.9	1363.1	1361.6	1360.1	1358.5	1357.0	1358.5
177.5°	1361.9	1363.5	1365.0	1366.5	1367.3	1366.5	1365.0	1363.5	1361.9	1360.4	1361.9
180°	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9

TEST NUMBER: P997785

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	2099.9	2089.3	2080.1	2081.6	2089.3	2083.2	2067.9	2048.1	2040.5	2031.4	2040.5
5°	2226.3	2217.2	2198.9	2200.4	2195.9	2189.8	2165.4	2134.9	2134.9	2110.6	2107.5
7.5°	2351.2	2337.5	2325.3	2322.2	2305.5	2293.3	2272.0	2229.4	2212.6	2183.7	2166.9
10°	2491.3	2480.6	2466.9	2450.2	2441.0	2419.7	2384.7	2322.2	2291.8	2252.2	2223.3
12.5°	2632.9	2631.4	2600.9	2567.4	2565.9	2532.4	2508.0	2424.3	2383.2	2329.9	2261.3
15°	2722.7	2715.1	2698.4	2681.6	2686.2	2649.6	2594.8	2495.8	2468.4	2404.5	2331.4
17.5°	2721.2	2721.2	2716.6	2713.6	2709.0	2698.4	2667.9	2602.4	2558.3	2477.6	2409.0
20°	2634.4	2654.2	2658.8	2657.3	2672.5	2680.1	2678.6	2637.5	2602.4	2530.9	2460.8
22.5°	2460.8	2506.5	2526.3	2538.5	2570.5	2587.2	2626.8	2611.6	2602.4	2549.1	2489.8
25°	2299.4	2314.6	2374.0	2377.1	2421.2	2462.3	2501.9	2527.8	2561.3	2541.5	2491.3
27.5°	2090.8	2125.8	2168.4	2200.4	2209.6	2293.3	2358.8	2407.5	2483.7	2489.8	2473.0
30°	1854.7	1871.5	1941.5	1984.2	2032.9	2093.8	2188.2	2272.0	2340.5	2403.0	2424.3
32.5°	1566.9	1635.5	1676.6	1728.4	1771.0	1879.1	1994.8	2103.0	2182.1	2287.2	2332.9
35°	1303.5	1356.8	1426.8	1448.2	1525.8	1617.2	1768.0	1906.5	2026.8	2133.4	2226.3
37.5°	1085.7	1128.4	1203.0	1236.5	1282.2	1399.4	1525.8	1697.9	1842.6	1973.5	2089.3
40°	936.5	968.5	1024.8	1035.5	1073.6	1180.2	1282.2	1443.6	1635.5	1812.1	1938.5
42.5°	834.5	849.7	887.8	901.5	925.9	997.4	1088.8	1241.1	1419.2	1602.0	1780.1
45°	761.4	772.1	794.9	807.1	837.5	869.5	944.1	1065.9	1206.0	1390.3	1582.2
47.5°	695.9	709.6	718.8	726.4	743.1	778.1	826.9	916.7	1050.7	1219.7	1405.5
50°	641.1	645.7	662.4	663.9	674.6	697.4	743.1	797.9	904.5	1041.6	1221.3
52.5°	586.3	590.8	601.5	612.2	616.7	635.0	665.5	711.1	790.3	898.4	1058.3
55°	531.5	537.5	548.2	555.8	560.4	575.6	593.9	638.0	700.5	776.6	907.6
57.5°	476.6	490.3	493.4	498.0	505.6	522.3	539.1	565.0	613.7	683.7	779.7
60°	424.9	429.4	440.1	444.7	452.3	461.4	482.7	502.5	537.5	592.4	679.2
62.5°	371.6	382.2	386.8	391.4	397.4	408.1	421.8	443.1	473.6	517.7	586.3
65°	325.9	327.4	336.5	342.6	348.7	356.3	370.0	389.8	408.1	449.2	499.5
67.5°	281.7	284.8	287.8	293.9	301.5	309.1	321.3	332.0	354.8	382.2	421.8
70°	239.1	239.1	246.7	251.3	249.7	258.9	268.0	280.2	296.9	322.8	354.8
72.5°	201.0	199.5	205.6	207.1	210.1	216.2	222.3	234.5	243.6	263.4	287.8
75°	159.9	162.9	166.0	166.0	170.6	175.1	181.2	187.3	198.0	210.1	228.4
77.5°	126.4	126.4	129.4	131.0	135.5	134.0	140.1	146.2	153.8	164.5	178.2
80°	92.9	95.9	95.9	95.9	97.5	99.0	105.1	109.6	114.2	121.8	127.9
82.5°	65.5	65.5	68.5	68.5	68.5	71.6	71.6	73.1	76.1	80.7	85.3
85°	41.1	41.1	41.1	42.6	41.1	42.6	45.7	44.2	45.7	48.7	48.7
87.5°	19.8	19.8	19.8	19.8	19.8	21.3	19.8	21.3	22.8	22.8	22.8
90°	38.6	38.4	38.1	38.0	38.3	38.8	39.3	39.8	40.3	34.7	29.1
92.5°	36.8	36.8	36.8	36.8	36.7	36.4	36.2	35.9	35.7	35.4	35.2
95°	72.4	72.9	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.2	72.7
97.5°	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	114.1	113.1
100°	158.2	158.4	158.7	158.8	158.8	158.8	158.8	158.8	158.8	158.0	157.3
102.5°	206.5	206.8	207.1	207.2	207.1	206.8	206.5	206.3	206.0	205.0	204.0
105°	255.5	255.5	255.5	255.5	255.2	254.7	254.2	253.7	253.2	252.7	252.2
107.5°	303.0	304.3	305.6	306.2	306.1	305.8	305.5	305.3	305.0	305.0	305.0
110°	356.0	356.8	357.5	357.9	357.9	357.9	357.9	357.9	357.9	357.9	357.9

TEST NUMBER: P997785

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	407.3	407.8	408.3	408.6	409.0	409.7	410.5	411.2	412.0	412.3	412.5
115°	461.9	462.7	463.4	463.8	463.9	464.2	464.5	464.7	465.0	465.5	466.0
117.5°	512.6	513.3	514.1	514.5	514.9	515.6	516.4	517.1	517.9	519.2	520.5
120°	566.7	567.4	568.2	568.6	568.6	568.6	568.6	568.6	568.6	570.6	572.7
122.5°	619.1	619.6	620.1	620.4	620.8	621.5	622.3	623.0	623.8	625.1	626.4
125°	672.7	672.9	673.2	673.3	673.7	674.5	675.2	676.0	676.8	677.6	678.3
127.5°	722.0	722.8	723.5	723.9	724.4	725.4	726.5	727.5	728.5	729.5	730.6
130°	775.4	776.5	777.5	778.0	778.3	778.8	779.3	779.8	780.3	780.8	781.3
132.5°	825.6	826.4	827.1	827.5	828.1	829.4	830.7	832.0	833.3	833.0	832.8
135°	878.6	879.3	880.1	880.5	880.6	880.9	881.1	881.4	881.6	881.1	880.6
137.5°	926.2	927.3	928.3	928.8	928.9	929.2	929.5	929.7	930.0	929.5	929.0
140°	975.7	976.8	977.8	978.3	978.3	978.3	978.3	978.3	978.3	977.0	975.7
142.5°	1020.6	1021.7	1022.7	1023.2	1023.1	1022.8	1022.5	1022.3	1022.0	1021.2	1020.5
145°	1065.5	1066.6	1067.6	1068.1	1068.0	1067.7	1067.4	1067.2	1066.9	1065.4	1063.8
147.5°	1105.8	1106.9	1107.9	1108.4	1108.1	1107.6	1107.1	1106.6	1106.1	1105.1	1104.1
150°	1144.4	1145.2	1145.9	1146.3	1145.9	1145.2	1144.4	1143.7	1142.9	1141.9	1140.9
152.5°	1181.7	1182.8	1183.8	1184.3	1183.8	1182.8	1181.7	1180.7	1179.7	1178.4	1177.2
155°	1213.5	1214.2	1215.0	1215.4	1214.8	1213.5	1212.2	1210.9	1209.6	1208.8	1208.1
157.5°	1243.3	1244.6	1245.9	1246.5	1245.6	1243.8	1242.0	1240.2	1238.4	1237.9	1237.4
160°	1269.2	1270.3	1271.3	1271.8	1271.0	1269.5	1268.0	1266.4	1264.9	1264.6	1264.4
162.5°	1292.8	1294.1	1295.4	1296.0	1295.1	1293.3	1291.5	1289.7	1287.9	1287.7	1287.4
165°	1312.3	1313.6	1314.9	1315.5	1314.6	1312.8	1311.1	1309.3	1307.5	1307.5	1307.5
167.5°	1329.6	1330.9	1332.2	1332.8	1331.9	1330.1	1328.3	1326.5	1324.7	1324.7	1324.7
170°	1342.8	1344.3	1345.8	1346.6	1345.7	1343.9	1342.1	1340.3	1338.5	1338.8	1339.0
172.5°	1353.2	1354.7	1356.2	1357.0	1356.1	1354.3	1352.5	1350.7	1348.9	1349.2	1349.4
175°	1360.1	1361.6	1363.1	1363.9	1363.0	1361.2	1359.4	1357.6	1355.8	1356.3	1356.8
177.5°	1363.5	1365.0	1366.5	1367.3	1366.5	1365.0	1363.5	1361.9	1360.4	1360.9	1361.4
180°	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9

TEST NUMBER: P997785

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	2032.9	2025.3	2020.7	2023.8	2014.6	1991.8	1991.8	1999.4	1990.3	1981.1	1967.4
5°	2089.3	2074.0	2064.9	2063.4	2042.1	2005.5	1997.9	1990.3	1970.5	1949.2	1926.3
7.5°	2144.1	2116.7	2101.4	2090.8	2060.3	2013.1	1993.3	1976.6	1944.6	1912.6	1883.7
10°	2189.8	2150.2	2131.9	2115.1	2075.6	2016.2	1984.2	1953.7	1912.6	1871.5	1835.0
12.5°	2226.3	2180.6	2157.8	2133.4	2084.7	2007.0	1967.4	1918.7	1877.6	1822.8	1786.2
15°	2287.2	2192.8	2171.5	2148.6	2098.4	1991.8	1943.1	1888.3	1831.9	1758.8	1719.2
17.5°	2335.9	2209.6	2208.0	2159.3	2093.8	1985.7	1911.1	1839.5	1778.6	1705.5	1643.1
20°	2364.9	2235.4	2211.1	2160.8	2078.6	1944.6	1866.9	1787.7	1722.3	1633.9	1571.5
22.5°	2389.2	2272.0	2208.0	2147.1	2046.6	1930.9	1816.7	1742.1	1652.2	1556.3	1496.9
25°	2398.4	2279.6	2212.6	2142.6	2023.8	1891.3	1761.9	1681.2	1580.6	1493.9	1413.1
27.5°	2399.9	2278.1	2195.9	2122.8	1991.8	1839.5	1707.0	1621.8	1510.6	1410.1	1329.4
30°	2384.7	2261.3	2186.7	2107.5	1961.3	1792.3	1640.0	1545.6	1426.8	1326.3	1242.6
32.5°	2339.0	2227.8	2166.9	2080.1	1921.8	1726.8	1576.1	1471.0	1346.1	1247.2	1166.5
35°	2262.9	2186.7	2119.7	2039.0	1870.0	1665.9	1512.1	1388.8	1262.4	1168.0	1091.8
37.5°	2168.4	2127.3	2064.9	1985.7	1810.6	1611.1	1440.6	1303.5	1177.1	1085.7	1011.1
40°	2040.5	2051.2	1990.3	1918.7	1740.5	1536.5	1347.7	1216.7	1097.9	1012.7	939.6
42.5°	1902.0	1946.1	1911.1	1842.6	1662.9	1454.3	1279.1	1134.5	1018.7	930.4	869.5
45°	1752.7	1828.9	1807.5	1757.3	1582.2	1367.5	1181.7	1041.6	939.6	854.3	801.0
47.5°	1589.8	1697.9	1697.9	1661.4	1492.3	1280.7	1097.9	954.8	854.3	793.4	741.6
50°	1423.8	1545.6	1565.4	1541.1	1391.8	1181.7	995.9	866.5	779.7	720.3	682.2
52.5°	1250.2	1391.8	1428.4	1416.2	1285.2	1087.3	912.1	785.8	706.6	654.8	621.3
55°	1084.2	1248.7	1288.3	1292.8	1171.0	983.7	819.3	708.1	632.0	596.9	568.0
57.5°	927.4	1085.7	1129.9	1137.5	1055.3	889.3	732.5	635.0	566.5	537.5	514.7
60°	793.4	925.9	983.7	1000.5	928.9	779.7	651.8	557.3	505.6	478.2	456.8
62.5°	683.7	790.3	851.2	855.8	823.8	683.7	568.0	488.8	444.7	420.3	409.6
65°	577.1	673.1	709.6	727.9	702.0	592.4	490.3	424.9	389.8	368.5	357.9
67.5°	491.9	552.8	583.2	607.6	581.7	499.5	417.2	363.9	338.1	316.7	310.6
70°	403.5	453.8	476.6	501.0	478.2	415.7	356.3	307.6	284.8	268.0	260.4
72.5°	322.8	362.4	383.7	399.0	385.3	333.5	284.8	251.3	234.5	222.3	217.8
75°	255.8	283.2	295.4	306.1	300.0	260.4	229.9	202.5	187.3	176.6	173.6
77.5°	194.9	214.7	228.4	231.5	223.8	198.0	172.1	155.3	143.1	137.1	134.0
80°	138.6	150.8	158.4	162.9	155.3	144.7	126.4	114.2	103.5	95.9	94.4
82.5°	92.9	99.0	105.1	103.5	100.5	91.4	80.7	74.6	70.0	64.0	64.0
85°	53.3	54.8	57.9	59.4	57.9	51.8	45.7	42.6	39.6	35.0	35.0
87.5°	22.8	24.4	24.4	25.9	22.8	22.8	19.8	16.8	16.8	15.2	13.7
90°	23.4	17.8	15.0	13.5	10.4	7.3	4.3	1.2	4.3	7.3	10.4
92.5°	34.9	34.6	34.5	33.5	31.4	29.4	27.3	25.3	27.3	29.4	31.4
95°	72.2	71.7	71.4	70.1	67.5	65.0	62.4	59.8	62.4	65.0	67.5
97.5°	112.0	111.0	110.5	109.3	107.0	104.7	102.4	100.1	102.4	104.7	107.0
100°	156.5	155.8	155.4	154.4	152.3	150.3	148.2	146.2	148.2	150.3	152.3
102.5°	202.9	201.9	201.4	200.6	199.1	197.6	196.0	194.5	196.0	197.6	199.1
105°	251.7	251.2	250.9	250.5	249.8	249.0	248.3	247.5	248.3	249.0	249.8
107.5°	305.0	305.0	305.0	304.5	303.5	302.4	301.4	300.4	301.4	302.4	303.5
110°	357.9	357.9	357.9	357.1	355.6	354.1	352.5	351.0	352.5	354.1	355.6

TEST NUMBER: P997785

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	412.8	413.1	413.2	412.4	410.9	409.4	407.8	406.3	407.8	409.4	410.9
115°	466.5	467.0	467.3	466.5	465.0	463.5	461.9	460.4	461.9	463.5	465.0
117.5°	521.8	523.1	523.7	522.7	520.6	518.6	516.5	514.5	516.5	518.6	520.6
120°	574.7	576.8	577.8	576.8	574.7	572.7	570.6	568.6	570.6	572.7	574.7
122.5°	627.7	629.0	629.6	628.3	625.8	623.2	620.7	618.1	620.7	623.2	625.8
125°	679.1	679.8	680.2	679.0	676.7	674.4	672.1	669.8	672.1	674.4	676.7
127.5°	731.6	732.7	733.2	731.8	729.0	726.1	723.3	720.5	723.3	726.1	729.0
130°	781.8	782.3	782.6	780.9	777.6	774.3	771.0	767.7	771.0	774.3	777.6
132.5°	832.5	832.2	832.1	830.8	828.3	825.7	823.2	820.6	823.2	825.7	828.3
135°	880.1	879.6	879.3	877.9	875.1	872.3	869.5	866.7	869.5	872.3	875.1
137.5°	928.5	928.0	927.7	926.5	924.2	921.9	919.6	917.3	919.6	921.9	924.2
140°	974.4	973.1	972.5	971.4	969.1	966.8	964.5	962.2	964.5	966.8	969.1
142.5°	1019.7	1019.0	1018.6	1017.4	1015.1	1012.8	1010.5	1008.2	1010.5	1012.8	1015.1
145°	1062.3	1060.8	1060.0	1059.1	1057.3	1055.6	1053.8	1052.0	1053.8	1055.6	1057.3
147.5°	1103.0	1102.0	1101.5	1100.3	1098.0	1095.7	1093.4	1091.1	1093.4	1095.7	1098.0
150°	1139.8	1138.8	1138.3	1137.5	1136.0	1134.5	1132.9	1131.4	1132.9	1134.5	1136.0
152.5°	1175.9	1174.6	1174.0	1173.2	1171.7	1170.2	1168.6	1167.1	1168.6	1170.2	1171.7
155°	1207.3	1206.6	1206.2	1205.8	1205.0	1204.3	1203.5	1202.7	1203.5	1204.3	1205.0
157.5°	1236.9	1236.4	1236.1	1235.8	1235.3	1234.8	1234.3	1233.8	1234.3	1234.8	1235.3
160°	1264.1	1263.8	1263.7	1263.4	1262.9	1262.4	1261.9	1261.4	1261.9	1262.4	1262.9
162.5°	1287.2	1286.9	1286.8	1286.8	1286.8	1286.8	1286.8	1286.8	1286.8	1286.8	1286.8
165°	1307.5	1307.5	1307.5	1307.6	1307.9	1308.1	1308.4	1308.6	1308.4	1308.1	1307.9
167.5°	1324.7	1324.7	1324.7	1325.1	1325.9	1326.6	1327.4	1328.2	1327.4	1326.6	1325.9
170°	1339.3	1339.6	1339.7	1340.1	1340.9	1341.6	1342.4	1343.2	1342.4	1341.6	1340.9
172.5°	1349.7	1350.0	1350.1	1350.5	1351.2	1352.0	1352.7	1353.5	1352.7	1352.0	1351.2
175°	1357.3	1357.8	1358.1	1358.5	1359.3	1360.0	1360.8	1361.6	1360.8	1360.0	1359.3
177.5°	1361.9	1362.4	1362.7	1363.1	1363.9	1364.6	1365.4	1366.2	1365.4	1364.6	1363.9
180°	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9

TEST NUMBER: P997785

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	1959.8	1967.4	1965.9	1950.7	1933.9	1920.2	1894.3	1897.4	1888.3	1889.8	1898.9
5°	1911.1	1911.1	1905.0	1883.7	1856.3	1841.0	1812.1	1804.5	1786.2	1784.7	1783.2
7.5°	1859.3	1851.7	1844.1	1813.6	1780.1	1755.8	1716.2	1707.0	1688.8	1676.6	1670.5
10°	1798.4	1787.7	1772.5	1737.5	1696.4	1665.9	1624.8	1612.6	1577.6	1562.4	1553.2
12.5°	1731.4	1725.3	1700.9	1672.0	1605.0	1571.5	1512.1	1524.3	1489.3	1458.8	1454.3
15°	1664.4	1641.6	1627.9	1580.6	1499.9	1484.7	1437.5	1413.1	1381.2	1356.8	1356.8
17.5°	1598.9	1563.9	1533.4	1483.2	1423.8	1381.2	1346.1	1334.0	1294.4	1270.0	1265.4
20°	1512.1	1472.5	1464.9	1393.3	1352.2	1305.0	1271.5	1241.1	1212.1	1201.5	1193.9
22.5°	1429.9	1384.2	1372.0	1311.1	1270.0	1222.8	1189.3	1168.0	1146.7	1139.0	1125.3
25°	1341.6	1314.2	1295.9	1230.4	1184.7	1140.6	1117.7	1102.5	1082.7	1081.2	1072.0
27.5°	1256.3	1230.4	1212.1	1149.7	1116.2	1075.1	1056.8	1040.1	1029.4	1024.8	1020.3
30°	1183.2	1154.3	1133.0	1087.3	1046.2	1012.7	997.4	986.8	980.7	973.1	971.5
32.5°	1102.5	1085.7	1056.8	1021.8	989.8	957.8	948.7	941.1	931.9	928.9	927.4
35°	1034.0	1011.1	992.9	953.3	939.6	912.1	901.5	895.4	883.2	880.2	877.1
37.5°	967.0	945.6	925.9	901.5	875.6	860.4	854.3	845.1	839.1	840.6	837.5
40°	900.0	883.2	868.0	842.1	826.9	819.3	807.1	797.9	794.9	796.4	794.9
42.5°	834.5	819.3	810.1	790.3	775.1	767.5	759.9	750.7	755.3	755.3	759.9
45°	775.1	761.4	755.3	740.1	730.9	718.8	711.1	709.6	715.7	714.2	714.2
47.5°	714.2	709.6	702.0	688.3	676.1	668.5	667.0	667.0	673.1	676.1	674.6
50°	667.0	657.8	648.7	638.0	628.9	625.9	621.3	624.3	630.4	630.4	633.5
52.5°	607.6	601.5	598.5	589.3	583.2	583.2	583.2	584.7	589.3	593.9	592.4
55°	555.8	551.2	548.2	543.6	536.0	537.5	536.0	539.1	543.6	548.2	551.2
57.5°	501.0	499.5	496.4	488.8	488.8	487.3	491.9	493.4	501.0	504.0	508.6
60°	452.3	447.7	447.7	441.6	441.6	441.6	446.2	450.7	456.8	458.4	461.4
62.5°	400.5	400.5	399.0	394.4	394.4	399.0	400.5	406.6	409.6	409.6	414.2
65°	351.8	350.2	348.7	350.2	351.8	351.8	356.3	359.4	362.4	363.9	365.5
67.5°	303.0	301.5	304.6	303.0	306.1	312.2	310.6	315.2	319.8	319.8	321.3
70°	257.4	260.4	258.9	261.9	260.4	263.4	268.0	269.5	269.5	271.1	275.6
72.5°	214.7	214.7	214.7	213.2	214.7	217.8	220.8	222.3	225.4	226.9	231.5
75°	173.6	173.6	170.6	173.6	173.6	176.6	179.7	179.7	179.7	182.7	187.3
77.5°	131.0	132.5	131.0	134.0	134.0	135.5	138.6	137.1	140.1	141.6	143.1
80°	95.9	94.4	94.4	94.4	95.9	95.9	99.0	100.5	100.5	105.1	102.0
82.5°	60.9	62.4	60.9	62.4	62.4	64.0	62.4	64.0	65.5	68.5	67.0
85°	35.0	33.5	33.5	35.0	33.5	33.5	35.0	33.5	35.0	33.5	35.0
87.5°	13.7	12.2	12.2	12.2	12.2	10.7	10.7	9.1	9.1	9.1	7.6
90°	13.5	15.0	17.8	23.4	29.1	34.7	40.3	39.8	39.3	38.8	38.3
92.5°	33.5	34.5	34.6	34.9	35.2	35.4	35.7	35.9	36.2	36.4	36.7
95°	70.1	71.4	71.7	72.2	72.7	73.2	73.7	73.7	73.7	73.7	73.7
97.5°	109.3	110.5	111.0	112.0	113.1	114.1	115.1	115.1	115.1	115.1	115.1
100°	154.4	155.4	155.8	156.5	157.3	158.0	158.8	158.8	158.8	158.8	158.8
102.5°	200.6	201.4	201.9	202.9	204.0	205.0	206.0	206.3	206.5	206.8	207.1
105°	250.5	250.9	251.2	251.7	252.2	252.7	253.2	253.7	254.2	254.7	255.2
107.5°	304.5	305.0	305.0	305.0	305.0	305.0	305.0	305.3	305.5	305.8	306.1
110°	357.1	357.9	357.9	357.9	357.9	357.9	357.9	357.9	357.9	357.9	357.9

TEST NUMBER: P997785

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	412.4	413.2	413.1	412.8	412.5	412.3	412.0	411.2	410.5	409.7	409.0
115°	466.5	467.3	467.0	466.5	466.0	465.5	465.0	464.7	464.5	464.2	463.9
117.5°	522.7	523.7	523.1	521.8	520.5	519.2	517.9	517.1	516.4	515.6	514.9
120°	576.8	577.8	576.8	574.7	572.7	570.6	568.6	568.6	568.6	568.6	568.6
122.5°	628.3	629.6	629.0	627.7	626.4	625.1	623.8	623.0	622.3	621.5	620.8
125°	679.0	680.2	679.8	679.1	678.3	677.6	676.8	676.0	675.2	674.5	673.7
127.5°	731.8	733.2	732.7	731.6	730.6	729.5	728.5	727.5	726.5	725.4	724.4
130°	780.9	782.6	782.3	781.8	781.3	780.8	780.3	779.8	779.3	778.8	778.3
132.5°	830.8	832.1	832.2	832.5	832.8	833.0	833.3	832.0	830.7	829.4	828.1
135°	877.9	879.3	879.6	880.1	880.6	881.1	881.6	881.4	881.1	880.9	880.6
137.5°	926.5	927.7	928.0	928.5	929.0	929.5	930.0	929.7	929.5	929.2	928.9
140°	971.4	972.5	973.1	974.4	975.7	977.0	978.3	978.3	978.3	978.3	978.3
142.5°	1017.4	1018.6	1019.0	1019.7	1020.5	1021.2	1022.0	1022.3	1022.5	1022.8	1023.1
145°	1059.1	1060.0	1060.8	1062.3	1063.8	1065.4	1066.9	1067.2	1067.4	1067.7	1068.0
147.5°	1100.3	1101.5	1102.0	1103.0	1104.1	1105.1	1106.1	1106.6	1107.1	1107.6	1108.1
150°	1137.5	1138.3	1138.8	1139.8	1140.9	1141.9	1142.9	1143.7	1144.4	1145.2	1145.9
152.5°	1173.2	1174.0	1174.6	1175.9	1177.2	1178.4	1179.7	1180.7	1181.7	1182.8	1183.8
155°	1205.8	1206.2	1206.6	1207.3	1208.1	1208.8	1209.6	1210.9	1212.2	1213.5	1214.8
157.5°	1235.8	1236.1	1236.4	1236.9	1237.4	1237.9	1238.4	1240.2	1242.0	1243.8	1245.6
160°	1263.4	1263.7	1263.8	1264.1	1264.4	1264.6	1264.9	1266.4	1268.0	1269.5	1271.0
162.5°	1286.8	1286.8	1286.9	1287.2	1287.4	1287.7	1287.9	1289.7	1291.5	1293.3	1295.1
165°	1307.6	1307.5	1307.5	1307.5	1307.5	1307.5	1307.5	1309.3	1311.1	1312.8	1314.6
167.5°	1325.1	1324.7	1324.7	1324.7	1324.7	1324.7	1324.7	1326.5	1328.3	1330.1	1331.9
170°	1340.1	1339.7	1339.6	1339.3	1339.0	1338.8	1338.5	1340.3	1342.1	1343.9	1345.7
172.5°	1350.5	1350.1	1350.0	1349.7	1349.4	1349.2	1348.9	1350.7	1352.5	1354.3	1356.1
175°	1358.5	1358.1	1357.8	1357.3	1356.8	1356.3	1355.8	1357.6	1359.4	1361.2	1363.0
177.5°	1363.1	1362.7	1362.4	1361.9	1361.4	1360.9	1360.4	1361.9	1363.5	1365.0	1366.5
180°	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9

TEST NUMBER: P997785

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	1888.3	1892.8	1882.2	1879.1	1882.2	1871.5	1874.5	1877.6	1877.6	1882.2	1885.2
5°	1778.6	1772.5	1761.9	1758.8	1755.8	1760.3	1757.3	1761.9	1763.4	1774.0	1775.6
7.5°	1670.5	1661.4	1652.2	1643.1	1640.0	1632.4	1640.0	1640.0	1650.7	1647.7	1655.3
10°	1542.6	1541.1	1528.9	1524.3	1518.2	1506.0	1522.8	1518.2	1525.8	1539.5	1542.6
12.5°	1448.2	1431.4	1439.0	1417.7	1425.3	1413.1	1414.7	1414.7	1426.8	1428.4	1425.3
15°	1358.3	1344.6	1324.8	1315.7	1311.1	1305.0	1324.8	1326.3	1317.2	1338.5	1330.9
17.5°	1267.0	1267.0	1248.7	1244.1	1231.9	1238.0	1235.0	1236.5	1233.5	1248.7	1256.3
20°	1187.8	1180.2	1174.1	1175.6	1160.4	1157.3	1154.3	1157.3	1168.0	1178.6	1181.7
22.5°	1123.8	1119.2	1104.0	1107.1	1094.9	1099.4	1096.4	1104.0	1105.5	1105.5	1116.2
25°	1062.9	1056.8	1058.3	1052.2	1047.7	1047.7	1043.1	1047.7	1053.8	1056.8	1058.3
27.5°	1017.2	1012.7	1005.0	1000.5	1003.5	995.9	1002.0	1006.6	1006.6	1003.5	1006.6
30°	962.4	965.4	965.4	950.2	956.3	953.3	957.8	960.9	960.9	962.4	959.4
32.5°	925.9	916.7	915.2	913.7	913.7	907.6	907.6	912.1	913.7	915.2	919.8
35°	877.1	877.1	869.5	874.1	868.0	869.5	868.0	869.5	872.6	868.0	872.6
37.5°	833.0	834.5	831.4	834.5	836.0	833.0	829.9	836.0	833.0	833.0	829.9
40°	794.9	793.4	794.9	794.9	794.9	796.4	793.4	793.4	793.4	790.3	787.3
42.5°	762.9	753.8	756.8	758.3	753.8	753.8	755.3	753.8	758.3	749.2	749.2
45°	717.2	714.2	715.7	715.7	718.8	714.2	717.2	718.8	714.2	712.7	709.6
47.5°	676.1	679.2	676.1	679.2	679.2	682.2	676.1	677.6	679.2	673.1	668.5
50°	635.0	635.0	639.6	638.0	639.6	636.5	636.5	635.0	636.5	633.5	628.9
52.5°	596.9	592.4	600.0	598.5	596.9	595.4	593.9	595.4	592.4	589.3	589.3
55°	549.7	549.7	554.3	555.8	555.8	552.8	549.7	551.2	549.7	548.2	546.7
57.5°	511.7	505.6	508.6	510.1	510.1	505.6	508.6	505.6	505.6	507.1	502.5
60°	462.9	462.9	459.9	464.4	464.4	461.4	461.4	462.9	459.9	458.4	456.8
62.5°	411.2	412.7	417.2	418.8	420.3	417.2	414.2	415.7	415.7	411.2	412.7
65°	367.0	370.0	376.1	374.6	371.6	373.1	370.0	371.6	367.0	368.5	363.9
67.5°	324.4	322.8	324.4	324.4	327.4	325.9	322.8	322.8	321.3	325.9	321.3
70°	278.7	278.7	278.7	278.7	280.2	281.7	278.7	275.6	277.1	274.1	272.6
72.5°	231.5	233.0	231.5	234.5	229.9	233.0	233.0	231.5	229.9	229.9	229.9
75°	187.3	190.3	185.8	187.3	185.8	188.8	187.3	187.3	184.3	182.7	184.3
77.5°	143.1	144.7	141.6	143.1	141.6	143.1	143.1	141.6	141.6	141.6	141.6
80°	102.0	103.5	102.0	100.5	99.0	102.0	99.0	100.5	102.0	100.5	103.5
82.5°	65.5	65.5	64.0	65.5	62.4	62.4	64.0	64.0	62.4	65.5	62.4
85°	32.0	32.0	35.0	32.0	30.5	30.5	30.5	32.0	30.5	33.5	32.0
87.5°	7.6	6.1	7.6	7.6	6.1	6.1	7.6	6.1	7.6	9.1	6.1
90°	38.0	38.1	38.4	38.6	38.9	39.1	38.9	38.6	38.4	38.1	38.0
92.5°	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
95°	73.7	73.4	72.9	72.4	71.9	71.4	71.9	72.4	72.9	73.4	73.7
97.5°	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1
100°	158.8	158.7	158.4	158.2	157.9	157.7	157.9	158.2	158.4	158.7	158.8
102.5°	207.2	207.1	206.8	206.5	206.3	206.0	206.3	206.5	206.8	207.1	207.2
105°	255.5	255.5	255.5	255.5	255.5	255.5	255.5	255.5	255.5	255.5	255.5
107.5°	306.2	305.6	304.3	303.0	301.7	300.4	301.7	303.0	304.3	305.6	306.2
110°	357.9	357.5	356.8	356.0	355.3	354.5	355.3	356.0	356.8	357.5	357.9

TEST NUMBER: P997785

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	408.6	408.3	407.8	407.3	406.8	406.3	406.8	407.3	407.8	408.3	408.6
115°	463.8	463.4	462.7	461.9	461.2	460.4	461.2	461.9	462.7	463.4	463.8
117.5°	514.5	514.1	513.3	512.6	511.8	511.0	511.8	512.6	513.3	514.1	514.5
120°	568.6	568.2	567.4	566.7	565.9	565.1	565.9	566.7	567.4	568.2	568.6
122.5°	620.4	620.1	619.6	619.1	618.6	618.1	618.6	619.1	619.6	620.1	620.4
125°	673.3	673.2	672.9	672.7	672.4	672.2	672.4	672.7	672.9	673.2	673.3
127.5°	723.9	723.5	722.8	722.0	721.3	720.5	721.3	722.0	722.8	723.5	723.9
130°	778.0	777.5	776.5	775.4	774.4	773.4	774.4	775.4	776.5	777.5	778.0
132.5°	827.5	827.1	826.4	825.6	824.9	824.1	824.9	825.6	826.4	827.1	827.5
135°	880.5	880.1	879.3	878.6	877.8	877.0	877.8	878.6	879.3	880.1	880.5
137.5°	928.8	928.3	927.3	926.2	925.2	924.2	925.2	926.2	927.3	928.3	928.8
140°	978.3	977.8	976.8	975.7	974.7	973.7	974.7	975.7	976.8	977.8	978.3
142.5°	1023.2	1022.7	1021.7	1020.6	1019.6	1018.6	1019.6	1020.6	1021.7	1022.7	1023.2
145°	1068.1	1067.6	1066.6	1065.5	1064.5	1063.5	1064.5	1065.5	1066.6	1067.6	1068.1
147.5°	1108.4	1107.9	1106.9	1105.8	1104.8	1103.8	1104.8	1105.8	1106.9	1107.9	1108.4
150°	1146.3	1145.9	1145.2	1144.4	1143.7	1142.9	1143.7	1144.4	1145.2	1145.9	1146.3
152.5°	1184.3	1183.8	1182.8	1181.7	1180.7	1179.7	1180.7	1181.7	1182.8	1183.8	1184.3
155°	1215.4	1215.0	1214.2	1213.5	1212.7	1211.9	1212.7	1213.5	1214.2	1215.0	1215.4
157.5°	1246.5	1245.9	1244.6	1243.3	1242.0	1240.7	1242.0	1243.3	1244.6	1245.9	1246.5
160°	1271.8	1271.3	1270.3	1269.2	1268.2	1267.2	1268.2	1269.2	1270.3	1271.3	1271.8
162.5°	1296.0	1295.4	1294.1	1292.8	1291.5	1290.2	1291.5	1292.8	1294.1	1295.4	1296.0
165°	1315.5	1314.9	1313.6	1312.3	1311.1	1309.8	1311.1	1312.3	1313.6	1314.9	1315.5
167.5°	1332.8	1332.2	1330.9	1329.6	1328.3	1327.0	1328.3	1329.6	1330.9	1332.2	1332.8
170°	1346.6	1345.8	1344.3	1342.8	1341.2	1339.7	1341.2	1342.8	1344.3	1345.8	1346.6
172.5°	1357.0	1356.2	1354.7	1353.2	1351.6	1350.1	1351.6	1353.2	1354.7	1356.2	1357.0
175°	1363.9	1363.1	1361.6	1360.1	1358.5	1357.0	1358.5	1360.1	1361.6	1363.1	1363.9
177.5°	1367.3	1366.5	1365.0	1363.5	1361.9	1360.4	1361.9	1363.5	1365.0	1366.5	1367.3
180°	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9

TEST NUMBER: P997785

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	1880.6	1892.8	1888.3	1871.5	1891.3	1891.3	1905.0	1905.0	1921.8	1927.8	1937.0
5°	1774.0	1783.2	1790.8	1783.2	1796.9	1818.2	1830.4	1841.0	1863.9	1873.0	1886.7
7.5°	1659.8	1676.6	1684.2	1684.2	1707.0	1731.4	1755.8	1771.0	1803.0	1815.2	1828.9
10°	1548.7	1568.5	1583.7	1582.2	1620.2	1635.5	1665.9	1700.9	1732.9	1751.2	1771.0
12.5°	1431.4	1442.1	1463.4	1493.9	1503.0	1530.4	1565.4	1609.6	1667.4	1684.2	1713.1
15°	1334.0	1362.9	1379.6	1393.3	1414.7	1440.6	1478.6	1521.3	1579.1	1615.7	1646.1
17.5°	1251.7	1289.8	1300.5	1297.4	1324.8	1364.4	1408.6	1440.6	1492.3	1536.5	1565.4
20°	1184.7	1200.0	1218.2	1225.8	1247.2	1289.8	1332.4	1369.0	1411.6	1446.6	1480.1
22.5°	1117.7	1129.9	1145.1	1158.8	1175.6	1200.0	1241.1	1286.8	1327.9	1361.4	1399.4
25°	1062.9	1070.5	1084.2	1094.9	1113.2	1129.9	1158.8	1209.1	1257.8	1277.6	1311.1
27.5°	1009.6	1015.7	1024.8	1037.0	1046.2	1062.9	1088.8	1129.9	1180.2	1200.0	1245.6
30°	962.4	967.0	976.1	982.2	986.8	1006.6	1026.4	1058.3	1096.4	1123.8	1157.3
32.5°	918.2	922.8	931.9	933.5	939.6	950.2	968.5	997.4	1030.9	1053.8	1082.7
35°	869.5	872.6	881.7	884.7	889.3	898.4	912.1	933.5	963.9	980.7	1006.6
37.5°	831.4	829.9	836.0	840.6	846.7	851.2	855.8	877.1	900.0	915.2	935.0
40°	790.3	787.3	788.8	794.9	797.9	804.0	804.0	825.3	840.6	852.8	868.0
42.5°	749.2	747.7	744.6	747.7	750.7	752.3	753.8	769.0	784.2	794.9	811.6
45°	708.1	706.6	703.5	705.0	705.0	708.1	712.7	718.8	729.4	738.5	747.7
47.5°	670.0	667.0	662.4	660.9	663.9	663.9	663.9	670.0	680.7	683.7	692.9
50°	630.4	625.9	619.8	616.7	616.7	615.2	618.2	619.8	628.9	632.0	639.6
52.5°	587.8	584.7	578.7	572.6	574.1	571.0	572.6	574.1	577.1	581.7	586.3
55°	545.2	539.1	534.5	533.0	528.4	528.4	523.8	529.9	528.4	529.9	536.0
57.5°	504.0	498.0	490.3	487.3	482.7	481.2	478.2	476.6	478.2	482.7	487.3
60°	455.3	452.3	447.7	443.1	440.1	435.5	432.5	432.5	430.9	430.9	432.5
62.5°	408.1	406.6	400.5	399.0	395.9	392.9	388.3	385.3	385.3	388.3	389.8
65°	362.4	360.9	356.3	354.8	347.2	344.1	342.6	341.1	338.1	338.1	338.1
67.5°	319.8	315.2	315.2	307.6	301.5	298.5	295.4	293.9	293.9	293.9	295.4
70°	272.6	272.6	268.0	263.4	257.4	258.9	254.3	249.7	249.7	246.7	248.2
72.5°	226.9	225.4	220.8	219.3	214.7	210.1	207.1	210.1	205.6	204.1	205.6
75°	182.7	181.2	178.2	175.1	176.6	172.1	167.5	166.0	166.0	162.9	162.9
77.5°	140.1	143.1	137.1	135.5	132.5	129.4	127.9	126.4	126.4	126.4	129.4
80°	97.5	99.0	99.0	95.9	97.5	92.9	92.9	92.9	88.3	89.8	91.4
82.5°	62.4	62.4	60.9	62.4	60.9	60.9	59.4	59.4	57.9	57.9	59.4
85°	35.0	33.5	32.0	35.0	33.5	33.5	32.0	32.0	32.0	32.0	32.0
87.5°	7.6	9.1	9.1	9.1	9.1	10.7	10.7	10.7	12.2	12.2	12.2
90°	38.3	38.8	39.3	39.8	40.3	34.7	29.1	23.4	17.8	15.0	13.5
92.5°	36.7	36.4	36.2	35.9	35.7	35.4	35.2	34.9	34.6	34.5	33.5
95°	73.7	73.7	73.7	73.7	73.7	73.2	72.7	72.2	71.7	71.4	70.1
97.5°	115.1	115.1	115.1	115.1	115.1	114.1	113.1	112.0	111.0	110.5	109.3
100°	158.8	158.8	158.8	158.8	158.8	158.0	157.3	156.5	155.8	155.4	154.4
102.5°	207.1	206.8	206.5	206.3	206.0	205.0	204.0	202.9	201.9	201.4	200.6
105°	255.2	254.7	254.2	253.7	253.2	252.7	252.2	251.7	251.2	250.9	250.5
107.5°	306.1	305.8	305.5	305.3	305.0	305.0	305.0	305.0	305.0	305.0	304.5
110°	357.9	357.9	357.9	357.9	357.9	357.9	357.9	357.9	357.9	357.9	357.1

TEST NUMBER: P997785

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	409.0	409.7	410.5	411.2	412.0	412.3	412.5	412.8	413.1	413.2	412.4
115°	463.9	464.2	464.5	464.7	465.0	465.5	466.0	466.5	467.0	467.3	466.5
117.5°	514.9	515.6	516.4	517.1	517.9	519.2	520.5	521.8	523.1	523.7	522.7
120°	568.6	568.6	568.6	568.6	568.6	570.6	572.7	574.7	576.8	577.8	576.8
122.5°	620.8	621.5	622.3	623.0	623.8	625.1	626.4	627.7	629.0	629.6	628.3
125°	673.7	674.5	675.2	676.0	676.8	677.6	678.3	679.1	679.8	680.2	679.0
127.5°	724.4	725.4	726.5	727.5	728.5	729.5	730.6	731.6	732.7	733.2	731.8
130°	778.3	778.8	779.3	779.8	780.3	780.8	781.3	781.8	782.3	782.6	780.9
132.5°	828.1	829.4	830.7	832.0	833.3	833.0	832.8	832.5	832.2	832.1	830.8
135°	880.6	880.9	881.1	881.4	881.6	881.1	880.6	880.1	879.6	879.3	877.9
137.5°	928.9	929.2	929.5	929.7	930.0	929.5	929.0	928.5	928.0	927.7	926.5
140°	978.3	978.3	978.3	978.3	978.3	977.0	975.7	974.4	973.1	972.5	971.4
142.5°	1023.1	1022.8	1022.5	1022.3	1022.0	1021.2	1020.5	1019.7	1019.0	1018.6	1017.4
145°	1068.0	1067.7	1067.4	1067.2	1066.9	1065.4	1063.8	1062.3	1060.8	1060.0	1059.1
147.5°	1108.1	1107.6	1107.1	1106.6	1106.1	1105.1	1104.1	1103.0	1102.0	1101.5	1100.3
150°	1145.9	1145.2	1144.4	1143.7	1142.9	1141.9	1140.9	1139.8	1138.8	1138.3	1137.5
152.5°	1183.8	1182.8	1181.7	1180.7	1179.7	1178.4	1177.2	1175.9	1174.6	1174.0	1173.2
155°	1214.8	1213.5	1212.2	1210.9	1209.6	1208.8	1208.1	1207.3	1206.6	1206.2	1205.8
157.5°	1245.6	1243.8	1242.0	1240.2	1238.4	1237.9	1237.4	1236.9	1236.4	1236.1	1235.8
160°	1271.0	1269.5	1268.0	1266.4	1264.9	1264.6	1264.4	1264.1	1263.8	1263.7	1263.4
162.5°	1295.1	1293.3	1291.5	1289.7	1287.9	1287.7	1287.4	1287.2	1286.9	1286.8	1286.8
165°	1314.6	1312.8	1311.1	1309.3	1307.5	1307.5	1307.5	1307.5	1307.5	1307.5	1307.6
167.5°	1331.9	1330.1	1328.3	1326.5	1324.7	1324.7	1324.7	1324.7	1324.7	1324.7	1325.1
170°	1345.7	1343.9	1342.1	1340.3	1338.5	1338.8	1339.0	1339.3	1339.6	1339.7	1340.1
172.5°	1356.1	1354.3	1352.5	1350.7	1348.9	1349.2	1349.4	1349.7	1350.0	1350.1	1350.5
175°	1363.0	1361.2	1359.4	1357.6	1355.8	1356.3	1356.8	1357.3	1357.8	1358.1	1358.5
177.5°	1366.5	1365.0	1363.5	1361.9	1360.4	1360.9	1361.4	1361.9	1362.4	1362.7	1363.1
180°	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9

TEST NUMBER: P997785

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1981.1	1981.1	1981.1	1981.1
2.5°	1944.6	1944.6	1967.4	1991.8
5°	1902.0	1912.6	1949.2	1982.7
7.5°	1860.8	1879.1	1924.8	1967.4
10°	1810.6	1835.0	1891.3	1941.5
12.5°	1761.9	1784.7	1850.2	1906.5
15°	1693.3	1722.3	1792.3	1862.4
17.5°	1624.8	1653.7	1739.0	1821.2
20°	1544.1	1582.2	1678.1	1787.7
22.5°	1469.5	1516.7	1623.3	1711.6
25°	1387.3	1460.3	1559.3	1673.5
27.5°	1314.2	1387.3	1487.8	1603.5
30°	1231.9	1306.5	1410.1	1516.7
32.5°	1152.7	1221.3	1321.8	1452.7
35°	1070.5	1136.0	1233.5	1365.9
37.5°	995.9	1059.9	1166.5	1288.3
40°	922.8	989.8	1081.2	1203.0
42.5°	854.3	913.7	995.9	1117.7
45°	791.8	834.5	910.6	1024.8
47.5°	726.4	764.4	834.5	948.7
50°	665.5	697.4	758.3	864.9
52.5°	606.1	633.5	689.8	775.1
55°	552.8	578.7	619.8	703.5
57.5°	498.0	517.7	557.3	624.3
60°	444.7	462.9	494.9	549.7
62.5°	391.4	406.6	437.0	481.2
65°	344.1	356.3	379.2	417.2
67.5°	298.5	306.1	324.4	354.8
70°	254.3	260.4	275.6	300.0
72.5°	207.1	213.2	229.9	246.7
75°	167.5	169.0	181.2	194.9
77.5°	131.0	129.4	138.6	149.2
80°	89.8	94.4	102.0	106.6
82.5°	60.9	62.4	65.5	68.5
85°	33.5	35.0	35.0	39.6
87.5°	13.7	15.2	15.2	16.8
90°	10.4	7.3	4.3	1.2
92.5°	31.4	29.4	27.3	25.3
95°	67.5	65.0	62.4	59.8
97.5°	107.0	104.7	102.4	100.1
100°	152.3	150.3	148.2	146.2
102.5°	199.1	197.6	196.0	194.5
105°	249.8	249.0	248.3	247.5
107.5°	303.5	302.4	301.4	300.4
110°	355.6	354.1	352.5	351.0

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	410.9	409.4	407.8	406.3
115°	465.0	463.5	461.9	460.4
117.5°	520.6	518.6	516.5	514.5
120°	574.7	572.7	570.6	568.6
122.5°	625.8	623.2	620.7	618.1
125°	676.7	674.4	672.1	669.8
127.5°	729.0	726.1	723.3	720.5
130°	777.6	774.3	771.0	767.7
132.5°	828.3	825.7	823.2	820.6
135°	875.1	872.3	869.5	866.7
137.5°	924.2	921.9	919.6	917.3
140°	969.1	966.8	964.5	962.2
142.5°	1015.1	1012.8	1010.5	1008.2
145°	1057.3	1055.6	1053.8	1052.0
147.5°	1098.0	1095.7	1093.4	1091.1
150°	1136.0	1134.5	1132.9	1131.4
152.5°	1171.7	1170.2	1168.6	1167.1
155°	1205.0	1204.3	1203.5	1202.7
157.5°	1235.3	1234.8	1234.3	1233.8
160°	1262.9	1262.4	1261.9	1261.4
162.5°	1286.8	1286.8	1286.8	1286.8
165°	1307.9	1308.1	1308.4	1308.6
167.5°	1325.9	1326.6	1327.4	1328.2
170°	1340.9	1341.6	1342.4	1343.2
172.5°	1351.2	1352.0	1352.7	1353.5
175°	1359.3	1360.0	1360.8	1361.6
177.5°	1363.9	1364.6	1365.4	1366.2
180°	1363.9	1363.9	1363.9	1363.9

TEST NUMBER: P997785

CATALOG NUMBER: SA2XXDIP-B1005D1080UB27-4F0-XX-W2A-A1

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	18.13	18.99	19.06	19.93	21.16	15.62	16.48	16.56	17.43	18.65
	3H	18.94	19.71	19.89	20.66	21.91	16.97	17.73	17.91	18.69	19.94
	4H	19.11	19.83	20.07	20.79	22.05	17.43	18.15	18.39	19.11	20.37
	6H	19.15	19.82	20.13	20.79	22.06	17.74	18.40	18.71	19.37	20.64
	8H	19.13	19.77	20.11	20.75	22.02	17.82	18.45	18.80	19.44	20.70
	12H	19.10	19.70	20.08	20.67	21.97	17.86	18.46	18.84	19.44	20.73
4H	2H	18.17	18.89	19.14	19.85	21.11	16.07	16.79	17.03	17.75	19.01
	3H	19.15	19.75	20.13	20.74	22.01	17.53	18.13	18.50	19.12	20.39
	4H	19.43	19.98	20.41	20.96	22.26	18.06	18.61	19.05	19.60	20.89
	6H	19.56	20.03	20.55	21.04	22.33	18.44	18.91	19.44	19.92	21.22
	8H	19.56	20.00	20.55	21.00	22.30	18.55	18.99	19.55	19.99	21.30
	12H	19.52	19.92	20.53	20.93	22.25	18.61	19.01	19.62	20.02	21.34
8H	4H	19.44	19.88	20.43	20.88	22.18	18.20	18.65	19.20	19.65	20.95
	6H	19.61	19.98	20.64	21.02	22.33	18.64	19.00	19.66	20.05	21.35
	8H	19.64	19.96	20.67	20.99	22.32	18.79	19.11	19.82	20.14	21.46
	12H	19.63	19.91	20.66	20.93	22.30	18.88	19.16	19.91	20.19	21.56
12H	4H	19.39	19.79	20.41	20.81	22.12	18.18	18.58	19.19	19.59	20.91
	6H	19.59	19.91	20.62	20.94	22.27	18.64	18.96	19.67	19.99	21.31
	8H	19.63	19.91	20.66	20.93	22.30	18.80	19.08	19.83	20.10	21.47