

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: P998072

Luminaire Tested: SA2XXDIP-B1005D925UB50-4F0-XX-W2A-A

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P998072
REPORT IS A COMBINATION OF REPORTS P983809 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B1005D925UB50-4F0-XX-W2A-A
Description: Define 2 Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

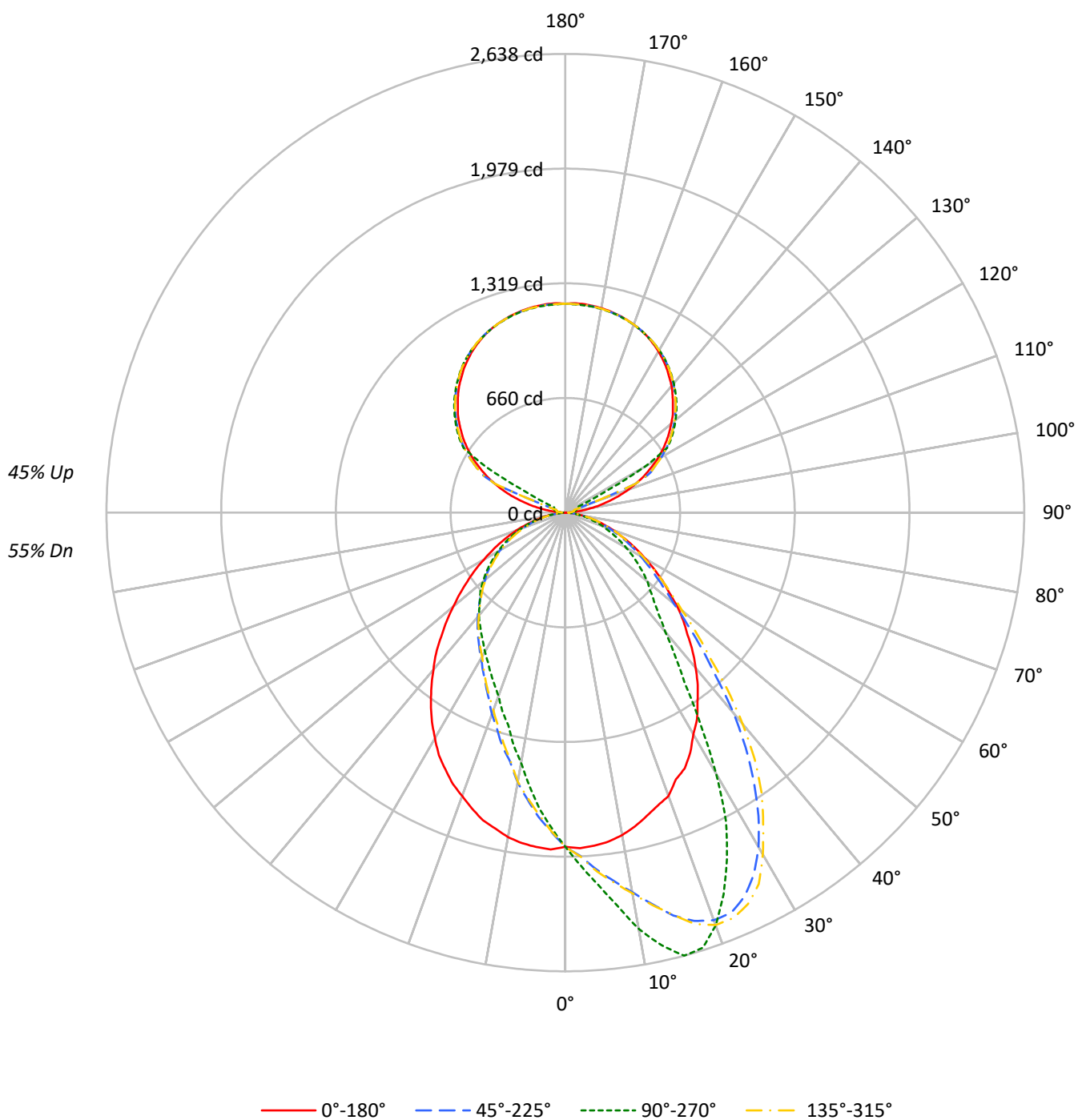
Lumens per Lamp: N/A
Luminaire Lumens: 7763.0 lumens
Efficiency: N/A
Efficacy: 86.4 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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°	30413	30413	30413	30413
5°	30486	32427	30603	25799
10°	30132	35400	30321	21271
15°	29401	37339	29809	17916
20°	28943	35058	28943	15573
25°	28020	30119	28148	13925
30°	26503	23676	27007	12614
35°	25158	16372	25578	11542
40°	23613	12361	23882	10686
45°	21707	10158	22061	9762
50°	20059	8915	20095	8937
55°	18181	7596	18298	8040
60°	16177	6345	16401	7017
65°	14383	5161	14646	5992
70°	12598	4049	12919	4833
75°	10573	2940	10987	3505
80°	8255	1863	8846	2079
85°	5424	938	5848	694

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 31439 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.0	2.4
10°-20°	532.6	6.9
20°-30°	773.0	10.0
30°-40°	814.9	10.5
40°-50°	721.1	9.3
50°-60°	575.8	7.4
60°-70°	391.1	5.0
70°-80°	200.1	2.6
80°-90°	49.4	0.6
90°-100°	39.6	0.5
100°-110°	147.7	1.9
110°-120°	391.6	5.0
120°-130°	649.6	8.4
130°-140°	690.0	8.9
140°-150°	641.3	8.3
150°-160°	515.6	6.6
160°-170°	332.2	4.3
170°-180°	114.3	1.5
0°-30°	1488.7	19.2
0°-40°	2303.6	29.7
0°-60°	3600.5	46.4
0°-90°	4241.1	54.6
90°-120°	578.9	7.5
90°-150°	2559.8	33.0
90°-180°	3522.0	45.4
0°-180°	7763.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1921	1921	1921	1921	1921	
5°	1923	2146	1930	1707	1923	182
15°	1806	2638	1831	1266	1806	510
25°	1623	2198	1630	1016	1623	742
35°	1325	1196	1347	843	1325	829
45°	994	721	1010	693	994	771
55°	682	506	687	536	682	609
65°	405	312	412	362	405	402
75°	189	154	196	183	189	203
85°	38	40	41	30	38	45
90°	1	24	1	24	1	5
95°	56	37	56	37	56	67
105°	264	66	264	66	264	282
115°	500	71	500	71	500	492
125°	707	743	707	743	707	630
135°	874	903	874	903	874	676
145°	1014	1030	1014	1030	1014	634
155°	1117	1118	1117	1118	1117	515
165°	1177	1174	1177	1174	1177	333
175°	1204	1197	1204	1197	1204	115
180°	1201	1201	1201	1201	1201	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3
2.5°	1931.6	1936.1	1943.5	1944.9	1959.7	1971.5	1984.8	1984.8	1989.2	1987.8	1976.0
5°	1922.8	1936.1	1955.3	1971.5	1998.1	2009.9	2027.6	2040.9	2052.7	2061.6	2060.1
7.5°	1908.0	1931.6	1959.7	1990.7	2026.2	2046.8	2071.9	2095.6	2111.8	2126.6	2136.9
10°	1882.9	1922.8	1961.2	2002.5	2048.3	2076.4	2105.9	2136.9	2162.0	2190.1	2216.7
12.5°	1848.9	1906.5	1953.8	2008.4	2064.6	2095.6	2142.8	2166.5	2215.2	2286.1	2305.3
15°	1806.1	1884.4	1928.7	1998.1	2071.9	2097.1	2162.0	2200.4	2300.8	2345.2	2398.3
17.5°	1766.2	1853.4	1912.5	1992.2	2064.6	2113.3	2176.8	2255.1	2339.2	2402.7	2461.8
20°	1733.8	1817.9	1888.8	1977.4	2069.0	2131.0	2197.5	2292.0	2383.5	2448.5	2494.3
22.5°	1659.9	1767.7	1850.4	1949.4	2060.1	2145.8	2209.3	2312.7	2411.6	2451.5	2491.4
25°	1623.0	1716.0	1812.0	1924.3	2054.2	2156.1	2210.8	2326.0	2413.1	2427.9	2436.7
27.5°	1555.1	1659.9	1772.2	1900.6	2052.7	2138.4	2207.8	2312.7	2382.1	2371.7	2345.2
30°	1470.9	1599.4	1723.4	1862.2	2032.1	2125.1	2190.1	2286.1	2321.5	2268.4	2221.1
32.5°	1408.9	1530.0	1667.3	1828.3	2008.4	2097.1	2160.6	2235.9	2243.3	2147.3	2067.5
35°	1324.7	1459.1	1614.1	1784.0	1968.6	2048.3	2107.4	2153.2	2117.7	1983.3	1888.8
37.5°	1249.4	1382.3	1547.7	1720.5	1913.9	1992.2	2039.5	2046.8	1959.7	1841.6	1702.7
40°	1166.7	1304.0	1476.8	1658.4	1853.4	1921.3	1950.8	1928.7	1803.2	1665.8	1504.9
42.5°	1084.0	1219.8	1405.9	1592.0	1776.6	1834.2	1846.0	1785.4	1631.9	1470.9	1284.8
45°	993.9	1135.7	1321.7	1509.3	1688.0	1720.5	1721.9	1634.8	1453.2	1284.8	1112.0
47.5°	920.0	1051.5	1236.1	1423.6	1574.3	1596.4	1587.6	1487.1	1289.2	1100.2	949.6
50°	838.8	964.3	1147.5	1332.1	1460.6	1466.5	1444.3	1301.1	1107.6	934.8	815.2
52.5°	751.7	878.7	1047.0	1224.3	1339.5	1330.6	1287.8	1134.2	952.5	809.3	717.7
55°	682.3	794.5	952.5	1125.3	1206.5	1181.4	1134.2	977.6	834.4	713.3	633.5
57.5°	605.5	704.4	859.5	1010.1	1057.4	1033.8	986.5	840.3	707.4	615.8	562.7
60°	533.1	623.2	759.1	884.6	921.5	896.4	841.8	710.3	614.3	537.6	497.7
62.5°	466.7	544.9	658.7	773.8	788.6	763.5	716.2	609.9	527.2	466.7	437.1
65°	404.6	478.5	570.0	657.2	670.5	643.9	595.1	518.4	448.9	410.5	382.5
67.5°	344.1	403.2	484.4	547.9	555.3	530.2	490.3	428.3	385.4	344.1	323.4
70°	290.9	335.2	398.7	450.4	453.4	429.7	409.1	353.0	320.5	290.9	274.7
72.5°	239.2	270.3	319.0	357.4	358.9	344.1	324.9	289.5	261.4	240.7	224.5
75°	189.0	215.6	245.1	279.1	277.6	265.8	251.1	228.9	205.3	192.0	184.6
77.5°	144.7	161.0	184.6	206.8	206.8	200.8	192.0	175.7	161.0	147.7	140.3
80°	103.4	113.7	132.9	140.3	143.2	141.8	134.4	122.6	116.7	106.3	103.4
82.5°	66.5	73.8	82.7	90.1	94.5	91.6	90.1	84.2	75.3	72.4	69.4
85°	38.4	41.4	45.8	50.2	51.7	50.2	53.2	48.7	44.3	44.3	42.8
87.5°	16.2	17.7	20.7	20.7	22.2	22.2	20.7	22.2	22.2	20.7	19.2
90°	0.9	3.0	5.1	7.2	9.3	10.4	11.2	12.7	14.3	15.8	17.4
92.5°	21.7	20.9	20.2	19.4	18.7	18.3	18.6	19.2	19.7	20.3	20.9
95°	56.5	50.1	43.7	37.4	31.0	27.8	28.5	29.8	31.2	32.5	33.9
97.5°	101.7	85.9	70.0	54.2	38.3	30.4	31.9	35.0	38.1	41.2	44.3
100°	153.9	127.4	101.0	74.5	48.0	34.8	36.4	39.7	43.0	46.2	49.5
102.5°	211.2	210.8	210.4	210.1	209.7	209.5	191.9	156.8	121.6	86.5	51.3
105°	264.3	270.1	275.9	281.6	287.4	290.3	263.9	211.2	158.5	105.7	53.0
107.5°	326.0	330.8	335.6	340.5	345.3	347.7	315.2	250.1	185.0	119.9	54.8
110°	385.1	389.1	393.2	397.2	401.3	403.3	375.4	319.6	263.7	207.9	152.1

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	440.7	444.2	447.7	451.2	454.7	456.4	454.8	451.5	448.2	444.9	441.6
115°	499.8	503.1	506.4	509.7	513.0	514.6	517.0	521.8	526.7	531.5	536.3
117.5°	551.1	555.0	558.8	562.7	566.6	568.5	570.1	573.4	576.7	580.0	583.3
120°	608.5	611.4	614.3	617.2	620.1	621.5	623.2	626.7	630.2	633.7	637.2
122.5°	657.2	660.3	663.4	666.5	669.6	671.1	673.0	676.9	680.8	684.6	688.5
125°	706.7	709.2	711.7	714.2	716.7	718.0	719.8	723.5	727.2	730.8	734.5
127.5°	751.9	754.6	757.3	760.0	762.7	764.1	765.5	768.4	771.3	774.2	777.1
130°	794.5	797.6	800.7	803.8	806.9	808.4	809.5	811.6	813.7	815.9	818.0
132.5°	838.0	840.5	843.0	845.5	848.0	849.3	850.4	852.5	854.6	856.7	858.8
135°	874.5	877.6	880.7	883.8	886.9	888.4	889.3	891.0	892.7	894.5	896.2
137.5°	912.7	915.0	917.4	919.7	922.0	923.2	924.2	926.1	928.0	930.0	931.9
140°	950.1	951.7	953.2	954.8	956.3	957.1	958.2	960.3	962.4	964.5	966.6
142.5°	981.4	982.8	984.1	985.5	986.8	987.5	988.8	991.3	993.8	996.3	998.8
145°	1014.4	1014.2	1014.0	1013.9	1013.7	1013.6	1015.2	1018.5	1021.8	1025.0	1028.3
147.5°	1043.1	1042.5	1041.9	1041.4	1040.8	1040.5	1042.1	1045.4	1048.7	1052.0	1055.3
150°	1070.9	1069.6	1068.2	1066.9	1065.6	1064.9	1066.4	1069.5	1072.6	1075.7	1078.8
152.5°	1094.4	1092.9	1091.3	1089.8	1088.3	1087.5	1088.9	1091.8	1094.7	1097.6	1100.5
155°	1117.0	1115.3	1113.5	1111.8	1110.1	1109.2	1110.4	1112.7	1115.0	1117.3	1119.6
157.5°	1135.3	1133.7	1132.2	1130.6	1129.1	1128.3	1129.2	1130.9	1132.6	1134.4	1136.1
160°	1150.9	1149.7	1148.6	1147.4	1146.3	1145.7	1146.3	1147.4	1148.6	1149.7	1150.9
162.5°	1164.8	1163.6	1162.5	1161.3	1160.2	1159.6	1160.1	1161.1	1162.0	1163.0	1164.0
165°	1177.0	1175.8	1174.7	1173.5	1172.4	1171.8	1172.1	1172.7	1173.2	1173.8	1174.4
167.5°	1186.6	1185.4	1184.2	1183.1	1181.9	1181.3	1181.6	1182.2	1182.7	1183.3	1183.9
170°	1194.4	1193.2	1192.1	1190.9	1189.8	1189.2	1189.4	1189.8	1190.1	1190.5	1190.9
172.5°	1199.6	1198.4	1197.3	1196.1	1195.0	1194.4	1194.6	1195.0	1195.3	1195.7	1196.1
175°	1203.9	1202.6	1201.2	1199.9	1198.6	1197.9	1198.1	1198.5	1198.8	1199.2	1199.6
177.5°	1205.7	1204.3	1203.0	1201.6	1200.3	1199.6	1199.7	1199.9	1200.1	1200.3	1200.5
180°	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3
2.5°	1996.6	1998.1	2001.1	2015.8	2023.2	2024.7	2018.8	2032.1	2036.5	2032.1	2029.1
5°	2091.1	2100.0	2117.7	2136.9	2135.4	2136.9	2145.8	2154.6	2157.6	2145.8	2150.2
7.5°	2173.8	2191.6	2210.8	2240.3	2240.3	2255.1	2261.0	2268.4	2286.1	2277.2	2274.3
10°	2268.4	2292.0	2327.4	2374.7	2376.2	2390.9	2405.7	2429.3	2436.7	2430.8	2433.8
12.5°	2386.5	2432.3	2435.2	2486.9	2510.6	2513.5	2537.1	2532.7	2547.5	2547.5	2572.6
15°	2438.2	2509.1	2549.0	2599.2	2613.9	2596.2	2615.4	2636.1	2637.6	2637.6	2636.1
17.5°	2531.2	2559.3	2599.2	2625.7	2631.7	2631.7	2633.1	2642.0	2636.1	2624.3	2633.1
20°	2550.4	2562.2	2577.0	2574.1	2577.0	2562.2	2547.5	2532.7	2534.2	2526.8	2549.0
22.5°	2515.0	2512.0	2478.1	2455.9	2455.9	2426.4	2398.3	2385.0	2371.7	2376.2	2383.5
25°	2426.4	2380.6	2339.2	2306.8	2299.4	2252.1	2213.7	2201.9	2179.8	2197.5	2200.4
27.5°	2284.6	2232.9	2166.5	2138.4	2100.0	2080.8	2054.2	2018.8	1973.0	1999.6	1995.2
30°	2132.5	2055.7	2001.1	1933.1	1872.6	1868.1	1817.9	1758.9	1735.2	1735.2	1748.5
32.5°	1962.7	1860.8	1781.0	1685.0	1626.0	1600.8	1540.3	1481.2	1494.5	1450.2	1466.5
35°	1764.8	1630.4	1530.0	1436.9	1392.6	1363.1	1284.8	1252.3	1216.9	1196.2	1234.6
37.5°	1575.7	1420.7	1292.2	1190.3	1174.1	1120.9	1067.7	1047.0	1026.4	1035.2	1033.8
40°	1345.4	1208.0	1092.8	1013.1	985.0	959.9	924.5	899.4	886.1	893.5	894.9
42.5°	1137.1	1021.9	936.3	880.2	856.5	838.8	821.1	800.4	796.0	796.0	801.9
45°	976.2	881.6	824.1	778.3	765.0	751.7	738.4	729.5	726.6	720.7	725.1
47.5°	847.7	772.4	736.9	703.0	688.2	685.2	673.4	669.0	663.1	661.6	663.1
50°	739.9	692.6	660.1	640.9	630.6	626.2	620.3	611.4	608.4	615.8	612.9
52.5°	664.6	620.3	602.5	583.3	577.4	571.5	562.7	564.1	562.7	559.7	559.7
55°	589.2	561.2	543.5	528.7	527.2	521.3	513.9	511.0	509.5	506.5	511.0
57.5°	528.7	506.5	490.3	477.0	471.1	471.1	463.7	457.8	457.8	456.3	457.8
60°	468.1	446.0	435.7	422.4	417.9	416.5	412.0	409.1	404.6	404.6	404.6
62.5°	412.0	394.3	382.5	370.7	372.2	364.8	358.9	355.9	355.9	357.4	357.4
65°	358.9	347.0	332.3	321.9	319.0	317.5	314.6	313.1	308.7	311.6	311.6
67.5°	310.1	293.9	285.0	280.6	276.2	274.7	271.7	268.8	267.3	265.8	268.8
70°	261.4	248.1	240.7	237.8	233.3	231.9	230.4	225.9	227.4	228.9	230.4
72.5°	217.1	205.3	203.8	194.9	194.9	194.9	189.0	192.0	190.5	187.6	190.5
75°	171.3	165.4	162.4	158.0	159.5	158.0	156.5	152.1	152.1	153.6	155.1
77.5°	135.9	130.0	128.5	124.1	121.1	124.1	121.1	119.6	119.6	121.1	121.1
80°	100.4	97.5	93.0	93.0	93.0	91.6	91.6	91.6	90.1	88.6	90.1
82.5°	66.5	66.5	65.0	63.5	65.0	62.0	63.5	63.5	63.5	63.5	63.5
85°	42.8	41.4	41.4	39.9	39.9	39.9	41.4	38.4	38.4	39.9	39.9
87.5°	19.2	19.2	19.2	20.7	19.2	19.2	19.2	20.7	19.2	19.2	19.2
90°	18.4	19.3	20.3	21.2	21.7	21.9	22.3	22.7	23.1	23.5	23.1
92.5°	21.3	21.7	22.0	22.4	22.6	22.7	22.9	23.1	23.3	23.5	23.3
95°	34.9	35.8	36.8	37.7	38.2	38.1	37.9	37.8	37.6	37.4	37.6
97.5°	44.9	45.5	46.0	46.6	46.9	47.0	47.2	47.4	47.6	47.8	47.6
100°	51.1	52.6	54.2	55.7	56.5	56.7	57.1	57.4	57.8	58.2	57.8
102.5°	53.4	55.5	57.6	59.7	60.8	61.1	61.7	62.3	62.9	63.5	62.9
105°	55.1	57.3	59.4	61.5	62.6	63.0	63.8	64.5	65.3	66.1	65.3
107.5°	56.9	59.0	61.1	63.2	64.3	64.7	65.5	66.2	67.0	67.8	67.0
110°	132.8	113.5	94.2	74.9	65.2	65.6	66.4	67.1	67.9	68.7	67.9

TEST NUMBER: P998072

CATALOG NUMBER: SA2XXDIP-B1005D925UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	358.3	275.1	191.8	108.5	66.9	67.2	67.8	68.3	68.9	69.5	68.9
115°	446.9	357.5	268.0	178.6	133.9	126.9	113.0	99.1	85.2	71.3	85.2
117.5°	555.7	528.1	500.4	472.8	459.0	433.7	383.1	332.4	281.8	231.2	281.8
120°	639.5	641.8	644.1	646.4	647.6	634.6	608.5	582.4	556.4	530.3	556.4
122.5°	689.7	690.8	692.0	693.1	693.7	693.8	694.0	694.1	694.3	694.5	694.3
125°	735.9	737.2	738.6	739.9	740.6	740.9	741.5	742.0	742.6	743.2	742.6
127.5°	779.0	781.0	782.9	784.8	785.8	785.9	786.1	786.3	786.5	786.7	786.5
130°	820.1	822.2	824.3	826.4	827.5	827.4	827.2	827.1	826.9	826.7	826.9
132.5°	860.6	862.3	864.1	865.8	866.7	866.6	866.4	866.2	866.0	865.8	866.0
135°	898.1	900.1	902.0	903.9	904.9	904.7	904.3	904.0	903.6	903.2	903.6
137.5°	933.8	935.8	937.7	939.6	940.6	940.3	939.7	939.1	938.5	937.9	938.5
140°	968.4	970.1	971.9	973.6	974.5	974.0	973.0	972.1	971.1	970.1	971.1
142.5°	1000.3	1001.9	1003.4	1004.9	1005.7	1005.2	1004.3	1003.3	1002.4	1001.4	1002.4
145°	1029.7	1031.0	1032.4	1033.7	1034.4	1033.9	1033.0	1032.0	1031.1	1030.1	1031.1
147.5°	1056.3	1057.2	1058.2	1059.1	1059.6	1059.2	1058.5	1057.7	1057.0	1056.2	1057.0
150°	1080.0	1081.1	1082.3	1083.4	1084.0	1083.5	1082.5	1081.6	1080.6	1079.6	1080.6
152.5°	1101.7	1102.8	1104.0	1105.1	1105.7	1105.0	1103.7	1102.3	1101.0	1099.6	1101.0
155°	1120.8	1121.9	1123.1	1124.2	1124.8	1124.0	1122.5	1121.0	1119.4	1117.9	1119.4
157.5°	1137.5	1138.8	1140.2	1141.5	1142.2	1141.4	1139.9	1138.4	1136.8	1135.3	1136.8
160°	1152.1	1153.2	1154.4	1155.5	1156.1	1155.4	1154.1	1152.7	1151.4	1150.0	1151.4
162.5°	1165.3	1166.7	1168.0	1169.3	1170.0	1169.1	1167.4	1165.7	1163.9	1162.2	1163.9
165°	1175.8	1177.1	1178.5	1179.8	1180.5	1179.8	1178.5	1177.1	1175.8	1174.4	1175.8
167.5°	1185.3	1186.6	1188.0	1189.3	1190.0	1189.1	1187.4	1185.7	1183.9	1182.2	1183.9
170°	1192.3	1193.6	1195.0	1196.3	1197.0	1196.1	1194.4	1192.7	1190.9	1189.2	1190.9
172.5°	1197.5	1198.8	1200.2	1201.5	1202.2	1201.3	1199.6	1197.9	1196.1	1194.4	1196.1
175°	1201.0	1202.3	1203.7	1205.0	1205.7	1204.7	1202.8	1200.9	1198.9	1197.0	1198.9
177.5°	1201.8	1203.2	1204.5	1205.8	1206.5	1205.6	1203.9	1202.2	1200.4	1198.7	1200.4
180°	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3

TEST NUMBER: P998072

CATALOG NUMBER: SA2XXDIP-B1005D925UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3
2.5°	2036.5	2026.2	2017.3	2018.8	2026.2	2020.3	2005.5	1986.3	1978.9	1970.0	1978.9
5°	2159.1	2150.2	2132.5	2134.0	2129.5	2123.6	2100.0	2070.5	2070.5	2046.8	2043.9
7.5°	2280.2	2266.9	2255.1	2252.1	2235.9	2224.1	2203.4	2162.0	2145.8	2117.7	2101.5
10°	2416.0	2405.7	2392.4	2376.2	2367.3	2346.6	2312.7	2252.1	2222.6	2184.2	2156.1
12.5°	2553.4	2551.9	2522.4	2489.9	2488.4	2455.9	2432.3	2351.1	2311.2	2259.5	2193.0
15°	2640.5	2633.1	2616.9	2600.6	2605.1	2569.6	2516.5	2420.5	2393.9	2331.9	2261.0
17.5°	2639.0	2639.0	2634.6	2631.7	2627.2	2616.9	2587.3	2523.8	2481.0	2402.7	2336.3
20°	2554.9	2574.1	2578.5	2577.0	2591.8	2599.2	2597.7	2557.8	2523.8	2454.4	2386.5
22.5°	2386.5	2430.8	2450.0	2461.8	2492.8	2509.1	2547.5	2532.7	2523.8	2472.2	2414.6
25°	2230.0	2244.7	2302.3	2305.3	2348.1	2388.0	2426.4	2451.5	2484.0	2464.8	2416.0
27.5°	2027.6	2061.6	2103.0	2134.0	2142.8	2224.1	2287.6	2334.8	2408.7	2414.6	2398.3
30°	1798.7	1815.0	1882.9	1924.3	1971.5	2030.6	2122.2	2203.4	2269.8	2330.4	2351.1
32.5°	1519.6	1586.1	1626.0	1676.2	1717.5	1822.4	1934.6	2039.5	2116.2	2218.1	2262.5
35°	1264.1	1315.8	1383.8	1404.4	1479.8	1568.4	1714.6	1848.9	1965.6	2069.0	2159.1
37.5°	1053.0	1094.3	1166.7	1199.2	1243.5	1357.2	1479.8	1646.6	1786.9	1913.9	2026.2
40°	908.2	939.2	993.9	1004.2	1041.1	1144.5	1243.5	1400.0	1586.1	1757.4	1880.0
42.5°	809.3	824.1	861.0	874.3	897.9	967.3	1055.9	1203.6	1376.4	1553.6	1726.4
45°	738.4	748.7	770.9	782.7	812.2	843.3	915.6	1033.8	1169.6	1348.3	1534.4
47.5°	674.9	688.2	697.0	704.4	720.7	754.6	801.9	889.0	1019.0	1182.9	1363.1
50°	621.7	626.2	642.4	643.9	654.2	676.4	720.7	773.8	877.2	1010.1	1184.4
52.5°	568.6	573.0	583.3	593.7	598.1	615.8	645.4	689.7	766.5	871.3	1026.4
55°	515.4	521.3	531.6	539.0	543.5	558.2	576.0	618.8	679.3	753.2	880.2
57.5°	462.2	475.5	478.5	482.9	490.3	506.5	522.8	547.9	595.1	663.1	756.1
60°	412.0	416.5	426.8	431.2	438.6	447.5	468.1	487.3	521.3	574.5	658.7
62.5°	360.3	370.7	375.1	379.5	385.4	395.8	409.1	429.7	459.3	502.1	568.6
65°	316.0	317.5	326.4	332.3	338.2	345.6	358.9	378.1	395.8	435.7	484.4
67.5°	273.2	276.2	279.1	285.0	292.4	299.8	311.6	321.9	344.1	370.7	409.1
70°	231.9	231.9	239.2	243.7	242.2	251.1	259.9	271.7	288.0	313.1	344.1
72.5°	194.9	193.5	199.4	200.8	203.8	209.7	215.6	227.4	236.3	255.5	279.1
75°	155.1	158.0	161.0	161.0	165.4	169.8	175.7	181.6	192.0	203.8	221.5
77.5°	122.6	122.6	125.5	127.0	131.4	130.0	135.9	141.8	149.2	159.5	172.8
80°	90.1	93.0	93.0	93.0	94.5	96.0	101.9	106.3	110.8	118.1	124.1
82.5°	63.5	63.5	66.5	66.5	66.5	69.4	69.4	70.9	73.8	78.3	82.7
85°	39.9	39.9	39.9	41.4	39.9	41.4	44.3	42.8	44.3	47.3	47.3
87.5°	19.2	19.2	19.2	19.2	19.2	20.7	19.2	20.7	22.2	22.2	22.2
90°	22.7	22.3	21.9	21.7	21.2	20.3	19.3	18.4	17.4	15.8	14.3
92.5°	23.1	22.9	22.7	22.6	22.4	22.0	21.7	21.3	20.9	20.3	19.7
95°	37.8	37.9	38.1	38.2	37.7	36.8	35.8	34.9	33.9	32.5	31.2
97.5°	47.4	47.2	47.0	46.9	46.6	46.0	45.5	44.9	44.3	41.2	38.1
100°	57.4	57.1	56.7	56.5	55.7	54.2	52.6	51.1	49.5	46.2	43.0
102.5°	62.3	61.7	61.1	60.8	59.7	57.6	55.5	53.4	51.3	46.5	121.6
105°	64.5	63.8	63.0	62.6	61.5	59.4	57.3	55.1	53.0	105.7	158.5
107.5°	66.2	65.5	64.7	64.3	63.2	61.1	59.0	56.9	54.8	119.9	185.0
110°	67.1	66.4	65.6	65.2	74.9	94.2	113.5	132.8	152.1	207.9	263.7

TEST NUMBER: P998072

CATALOG NUMBER: SA2XXDIP-B1005D925UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	68.3	67.8	67.2	66.9	108.5	191.8	275.1	358.3	441.6	444.9	448.2
115°	99.1	113.0	126.9	133.9	178.6	268.0	357.5	446.9	536.3	531.5	526.7
117.5°	332.4	383.1	433.7	459.0	472.8	500.4	528.1	555.7	583.3	580.0	576.7
120°	582.4	608.5	634.6	647.6	646.4	644.1	641.8	639.5	637.2	633.7	630.2
122.5°	694.1	694.0	693.8	693.7	693.1	692.0	690.8	689.7	688.5	684.6	680.8
125°	742.0	741.5	740.9	740.6	739.9	738.6	737.2	735.9	734.5	730.8	727.2
127.5°	786.3	786.1	785.9	785.8	784.8	782.9	781.0	779.0	777.1	774.2	771.3
130°	827.1	827.2	827.4	827.5	826.4	824.3	822.2	820.1	818.0	815.9	813.7
132.5°	866.2	866.4	866.6	866.7	865.8	864.1	862.3	860.6	858.8	856.7	854.6
135°	904.0	904.3	904.7	904.9	903.9	902.0	900.1	898.1	896.2	894.5	892.7
137.5°	939.1	939.7	940.3	940.6	939.6	937.7	935.8	933.8	931.9	930.0	928.0
140°	972.1	973.0	974.0	974.5	973.6	971.9	970.1	968.4	966.6	964.5	962.4
142.5°	1003.3	1004.3	1005.2	1005.7	1004.9	1003.4	1001.9	1000.3	998.8	996.3	993.8
145°	1032.0	1033.0	1033.9	1034.4	1033.7	1032.4	1031.0	1029.7	1028.3	1025.0	1021.8
147.5°	1057.7	1058.5	1059.2	1059.6	1059.1	1058.2	1057.2	1056.3	1055.3	1052.0	1048.7
150°	1081.6	1082.5	1083.5	1084.0	1083.4	1082.3	1081.1	1080.0	1078.8	1075.7	1072.6
152.5°	1102.3	1103.7	1105.0	1105.7	1105.1	1104.0	1102.8	1101.7	1100.5	1097.6	1094.7
155°	1121.0	1122.5	1124.0	1124.8	1124.2	1123.1	1121.9	1120.8	1119.6	1117.3	1115.0
157.5°	1138.4	1139.9	1141.4	1142.2	1141.5	1140.2	1138.8	1137.5	1136.1	1134.4	1132.6
160°	1152.7	1154.1	1155.4	1156.1	1155.5	1154.4	1153.2	1152.1	1150.9	1149.7	1148.6
162.5°	1165.7	1167.4	1169.1	1170.0	1169.3	1168.0	1166.7	1165.3	1164.0	1163.0	1162.0
165°	1177.1	1178.5	1179.8	1180.5	1179.8	1178.5	1177.1	1175.8	1174.4	1173.8	1173.2
167.5°	1185.7	1187.4	1189.1	1190.0	1189.3	1188.0	1186.6	1185.3	1183.9	1183.3	1182.7
170°	1192.7	1194.4	1196.1	1197.0	1196.3	1195.0	1193.6	1192.3	1190.9	1190.5	1190.1
172.5°	1197.9	1199.6	1201.3	1202.2	1201.5	1200.2	1198.8	1197.5	1196.1	1195.7	1195.3
175°	1200.9	1202.8	1204.7	1205.7	1205.0	1203.7	1202.3	1201.0	1199.6	1199.2	1198.8
177.5°	1202.2	1203.9	1205.6	1206.5	1205.8	1204.5	1203.2	1201.8	1200.5	1200.3	1200.1
180°	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3

TEST NUMBER: P998072

CATALOG NUMBER: SA2XXDIP-B1005D925UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3
2.5°	1971.5	1964.1	1959.7	1962.7	1953.8	1931.6	1931.6	1939.0	1930.2	1921.3	1908.0
5°	2026.2	2011.4	2002.5	2001.1	1980.4	1944.9	1937.6	1930.2	1911.0	1890.3	1868.1
7.5°	2079.3	2052.7	2038.0	2027.6	1998.1	1952.3	1933.1	1916.9	1885.9	1854.9	1826.8
10°	2123.6	2085.2	2067.5	2051.3	2012.9	1955.3	1924.3	1894.7	1854.9	1815.0	1779.5
12.5°	2159.1	2114.8	2092.6	2069.0	2021.7	1946.4	1908.0	1860.8	1820.9	1767.7	1732.3
15°	2218.1	2126.6	2105.9	2083.8	2035.0	1931.6	1884.4	1831.2	1776.6	1705.7	1667.3
17.5°	2265.4	2142.8	2141.4	2094.1	2030.6	1925.7	1853.4	1784.0	1724.9	1654.0	1593.5
20°	2293.5	2167.9	2144.3	2095.6	2015.8	1885.9	1810.6	1733.8	1670.3	1584.6	1524.1
22.5°	2317.1	2203.4	2141.4	2082.3	1984.8	1872.6	1761.8	1689.5	1602.3	1509.3	1451.7
25°	2326.0	2210.8	2145.8	2077.9	1962.7	1834.2	1708.7	1630.4	1532.9	1448.7	1370.5
27.5°	2327.4	2209.3	2129.5	2058.7	1931.6	1784.0	1655.5	1572.8	1465.0	1367.5	1289.2
30°	2312.7	2193.0	2120.7	2043.9	1902.1	1738.2	1590.5	1498.9	1383.8	1286.3	1205.1
32.5°	2268.4	2160.6	2101.5	2017.3	1863.7	1674.7	1528.5	1426.6	1305.5	1209.5	1131.2
35°	2194.5	2120.7	2055.7	1977.4	1813.5	1615.6	1466.5	1346.8	1224.3	1132.7	1058.9
37.5°	2103.0	2063.1	2002.5	1925.7	1755.9	1562.5	1397.0	1264.1	1141.6	1053.0	980.6
40°	1978.9	1989.2	1930.2	1860.8	1688.0	1490.1	1307.0	1180.0	1064.8	982.1	911.2
42.5°	1844.5	1887.3	1853.4	1786.9	1612.7	1410.3	1240.5	1100.2	988.0	902.3	843.3
45°	1699.8	1773.6	1753.0	1704.2	1534.4	1326.2	1146.0	1010.1	911.2	828.5	776.8
47.5°	1541.8	1646.6	1646.6	1611.2	1447.3	1242.0	1064.8	926.0	828.5	769.4	719.2
50°	1380.8	1498.9	1518.1	1494.5	1349.8	1146.0	965.8	840.3	756.1	698.5	661.6
52.5°	1212.4	1349.8	1385.2	1373.4	1246.4	1054.4	884.6	762.0	685.2	635.0	602.5
55°	1051.5	1211.0	1249.4	1253.8	1135.7	954.0	794.5	686.7	612.9	578.9	550.8
57.5°	899.4	1053.0	1095.8	1103.2	1023.4	862.4	710.3	615.8	549.4	521.3	499.2
60°	769.4	897.9	954.0	970.3	900.8	756.1	632.1	540.5	490.3	463.7	443.0
62.5°	663.1	766.5	825.5	830.0	798.9	663.1	550.8	474.1	431.2	407.6	397.3
65°	559.7	652.7	688.2	705.9	680.8	574.5	475.5	412.0	378.1	357.4	347.0
67.5°	477.0	536.1	565.6	589.2	564.1	484.4	404.6	353.0	327.8	307.2	301.3
70°	391.4	440.1	462.2	485.9	463.7	403.2	345.6	298.3	276.2	259.9	252.5
72.5°	313.1	351.5	372.2	386.9	373.6	323.4	276.2	243.7	227.4	215.6	211.2
75°	248.1	274.7	286.5	296.8	290.9	252.5	223.0	196.4	181.6	171.3	168.4
77.5°	189.0	208.2	221.5	224.5	217.1	192.0	166.9	150.6	138.8	132.9	130.0
80°	134.4	146.2	153.6	158.0	150.6	140.3	122.6	110.8	100.4	93.0	91.6
82.5°	90.1	96.0	101.9	100.4	97.5	88.6	78.3	72.4	67.9	62.0	62.0
85°	51.7	53.2	56.1	57.6	56.1	50.2	44.3	41.4	38.4	34.0	34.0
87.5°	22.2	23.6	23.6	25.1	22.2	22.2	19.2	16.2	16.2	14.8	13.3
90°	12.7	11.2	10.4	9.3	7.2	5.1	3.0	0.9	3.0	5.1	7.2
92.5°	19.2	18.6	18.3	18.7	19.4	20.2	20.9	21.7	20.9	20.2	19.4
95°	29.8	28.5	27.8	31.0	37.4	43.7	50.1	56.5	50.1	43.7	37.4
97.5°	35.0	31.9	30.4	38.3	54.2	70.0	85.9	101.7	85.9	70.0	54.2
100°	39.7	36.4	34.8	48.0	74.5	101.0	127.4	153.9	127.4	101.0	74.5
102.5°	156.8	191.9	209.5	209.7	210.1	210.4	210.8	211.2	210.8	210.4	210.1
105°	211.2	263.9	290.3	287.4	281.6	275.9	270.1	264.3	270.1	275.9	281.6
107.5°	250.1	315.2	347.7	345.3	340.5	335.6	330.8	326.0	330.8	335.6	340.5
110°	319.6	375.4	403.3	401.3	397.2	393.2	389.1	385.1	389.1	393.2	397.2

TEST NUMBER: P998072

CATALOG NUMBER: SA2XXDIP-B1005D925UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	451.5	454.8	456.4	454.7	451.2	447.7	444.2	440.7	444.2	447.7	451.2
115°	521.8	517.0	514.6	513.0	509.7	506.4	503.1	499.8	503.1	506.4	509.7
117.5°	573.4	570.1	568.5	566.6	562.7	558.8	555.0	551.1	555.0	558.8	562.7
120°	626.7	623.2	621.5	620.1	617.2	614.3	611.4	608.5	611.4	614.3	617.2
122.5°	676.9	673.0	671.1	669.6	666.5	663.4	660.3	657.2	660.3	663.4	666.5
125°	723.5	719.8	718.0	716.7	714.2	711.7	709.2	706.7	709.2	711.7	714.2
127.5°	768.4	765.5	764.1	762.7	760.0	757.3	754.6	751.9	754.6	757.3	760.0
130°	811.6	809.5	808.4	806.9	803.8	800.7	797.6	794.5	797.6	800.7	803.8
132.5°	852.5	850.4	849.3	848.0	845.5	843.0	840.5	838.0	840.5	843.0	845.5
135°	891.0	889.3	888.4	886.9	883.8	880.7	877.6	874.5	877.6	880.7	883.8
137.5°	926.1	924.2	923.2	922.0	919.7	917.4	915.0	912.7	915.0	917.4	919.7
140°	960.3	958.2	957.1	956.3	954.8	953.2	951.7	950.1	951.7	953.2	954.8
142.5°	991.3	988.8	987.5	986.8	985.5	984.1	982.8	981.4	982.8	984.1	985.5
145°	1018.5	1015.2	1013.6	1013.7	1013.9	1014.0	1014.2	1014.4	1014.2	1014.0	1013.9
147.5°	1045.4	1042.1	1040.5	1040.8	1041.4	1041.9	1042.5	1043.1	1042.5	1041.9	1041.4
150°	1069.5	1066.4	1064.9	1065.6	1066.9	1068.2	1069.6	1070.9	1069.6	1068.2	1066.9
152.5°	1091.8	1088.9	1087.5	1088.3	1089.8	1091.3	1092.9	1094.4	1092.9	1091.3	1089.8
155°	1112.7	1110.4	1109.2	1110.1	1111.8	1113.5	1115.3	1117.0	1115.3	1113.5	1111.8
157.5°	1130.9	1129.2	1128.3	1129.1	1130.6	1132.2	1133.7	1135.3	1133.7	1132.2	1130.6
160°	1147.4	1146.3	1145.7	1146.3	1147.4	1148.6	1149.7	1150.9	1149.7	1148.6	1147.4
162.5°	1161.1	1160.1	1159.6	1160.2	1161.3	1162.5	1163.6	1164.8	1163.6	1162.5	1161.3
165°	1172.7	1172.1	1171.8	1172.4	1173.5	1174.7	1175.8	1177.0	1175.8	1174.7	1173.5
167.5°	1182.2	1181.6	1181.3	1181.9	1183.1	1184.2	1185.4	1186.6	1185.4	1184.2	1183.1
170°	1189.8	1189.4	1189.2	1189.8	1190.9	1192.1	1193.2	1194.4	1193.2	1192.1	1190.9
172.5°	1195.0	1194.6	1194.4	1195.0	1196.1	1197.3	1198.4	1199.6	1198.4	1197.3	1196.1
175°	1198.5	1198.1	1197.9	1198.6	1199.9	1201.2	1202.6	1203.9	1202.6	1201.2	1199.9
177.5°	1199.9	1199.7	1199.6	1200.3	1201.6	1203.0	1204.3	1205.7	1204.3	1203.0	1201.6
180°	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3

TEST NUMBER: P998072

CATALOG NUMBER: SA2XXDIP-B1005D925UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3
2.5°	1900.6	1908.0	1906.5	1891.8	1875.5	1862.2	1837.1	1840.1	1831.2	1832.7	1841.6
5°	1853.4	1853.4	1847.5	1826.8	1800.2	1785.4	1757.4	1750.0	1732.3	1730.8	1729.3
7.5°	1803.2	1795.8	1788.4	1758.9	1726.4	1702.7	1664.3	1655.5	1637.8	1626.0	1620.0
10°	1744.1	1733.8	1719.0	1685.0	1645.2	1615.6	1575.7	1563.9	1530.0	1515.2	1506.3
12.5°	1679.1	1673.2	1649.6	1621.5	1556.5	1524.1	1466.5	1478.3	1444.3	1414.8	1410.3
15°	1614.1	1592.0	1578.7	1532.9	1454.6	1439.9	1394.1	1370.5	1339.5	1315.8	1315.8
17.5°	1550.6	1516.7	1487.1	1438.4	1380.8	1339.5	1305.5	1293.7	1255.3	1231.6	1227.2
20°	1466.5	1428.1	1420.7	1351.3	1311.4	1265.6	1233.1	1203.6	1175.5	1165.2	1157.8
22.5°	1386.7	1342.4	1330.6	1271.5	1231.6	1185.9	1153.4	1132.7	1112.0	1104.6	1091.4
25°	1301.1	1274.5	1256.8	1193.3	1148.9	1106.1	1084.0	1069.2	1050.0	1048.5	1039.7
27.5°	1218.4	1193.3	1175.5	1115.0	1082.5	1042.6	1024.9	1008.7	998.3	993.9	989.5
30°	1147.5	1119.4	1098.7	1054.4	1014.6	982.1	967.3	957.0	951.1	943.7	942.2
32.5°	1069.2	1053.0	1024.9	990.9	959.9	928.9	920.0	912.7	903.8	900.8	899.4
35°	1002.7	980.6	962.9	924.5	911.2	884.6	874.3	868.4	856.5	853.6	850.6
37.5°	937.8	917.1	897.9	874.3	849.2	834.4	828.5	819.6	813.7	815.2	812.2
40°	872.8	856.5	841.8	816.7	801.9	794.5	782.7	773.8	770.9	772.4	770.9
42.5°	809.3	794.5	785.7	766.5	751.7	744.3	736.9	728.1	732.5	732.5	736.9
45°	751.7	738.4	732.5	717.7	708.9	697.0	689.7	688.2	694.1	692.6	692.6
47.5°	692.6	688.2	680.8	667.5	655.7	648.3	646.8	646.8	652.7	655.7	654.2
50°	646.8	638.0	629.1	618.8	609.9	607.0	602.5	605.5	611.4	611.4	614.3
52.5°	589.2	583.3	580.4	571.5	565.6	565.6	565.6	567.1	571.5	576.0	574.5
55°	539.0	534.6	531.6	527.2	519.8	521.3	519.8	522.8	527.2	531.6	534.6
57.5°	485.9	484.4	481.4	474.1	474.1	472.6	477.0	478.5	485.9	488.8	493.3
60°	438.6	434.2	434.2	428.3	428.3	428.3	432.7	437.1	443.0	444.5	447.5
62.5°	388.4	388.4	386.9	382.5	382.5	386.9	388.4	394.3	397.3	397.3	401.7
65°	341.1	339.7	338.2	339.7	341.1	341.1	345.6	348.5	351.5	353.0	354.4
67.5°	293.9	292.4	295.4	293.9	296.8	302.7	301.3	305.7	310.1	310.1	311.6
70°	249.6	252.5	251.1	254.0	252.5	255.5	259.9	261.4	261.4	262.9	267.3
72.5°	208.2	208.2	208.2	206.8	208.2	211.2	214.1	215.6	218.6	220.0	224.5
75°	168.4	168.4	165.4	168.4	168.4	171.3	174.3	174.3	174.3	177.2	181.6
77.5°	127.0	128.5	127.0	130.0	130.0	131.4	134.4	132.9	135.9	137.3	138.8
80°	93.0	91.6	91.6	91.6	93.0	93.0	96.0	97.5	97.5	101.9	98.9
82.5°	59.1	60.5	59.1	60.5	60.5	62.0	60.5	62.0	63.5	66.5	65.0
85°	34.0	32.5	32.5	34.0	32.5	32.5	34.0	32.5	34.0	32.5	34.0
87.5°	13.3	11.8	11.8	11.8	11.8	10.3	10.3	8.9	8.9	8.9	7.4
90°	9.3	10.4	11.2	12.7	14.3	15.8	17.4	18.4	19.3	20.3	21.2
92.5°	18.7	18.3	18.6	19.2	19.7	20.3	20.9	21.3	21.7	22.0	22.4
95°	31.0	27.8	28.5	29.8	31.2	32.5	33.9	34.9	35.8	36.8	37.7
97.5°	38.3	30.4	31.9	35.0	38.1	41.2	44.3	44.9	45.5	46.0	46.6
100°	48.0	34.8	36.4	39.7	43.0	46.2	49.5	51.1	52.6	54.2	55.7
102.5°	209.7	209.5	191.9	156.8	121.6	86.5	51.3	53.4	55.5	57.6	59.7
105°	287.4	290.3	263.9	211.2	158.5	105.7	53.0	55.1	57.3	59.4	61.5
107.5°	345.3	347.7	315.2	250.1	185.0	119.9	54.8	56.9	59.0	61.1	63.2
110°	401.3	403.3	375.4	319.6	263.7	207.9	152.1	132.8	113.5	94.2	74.9

TEST NUMBER: P998072

CATALOG NUMBER: SA2XXDIP-B1005D925UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	454.7	456.4	454.8	451.5	448.2	444.9	441.6	358.3	275.1	191.8	108.5
115°	513.0	514.6	517.0	521.8	526.7	531.5	536.3	446.9	357.5	268.0	178.6
117.5°	566.6	568.5	570.1	573.4	576.7	580.0	583.3	555.7	528.1	500.4	472.8
120°	620.1	621.5	623.2	626.7	630.2	633.7	637.2	639.5	641.8	644.1	646.4
122.5°	669.6	671.1	673.0	676.9	680.8	684.6	688.5	689.7	690.8	692.0	693.1
125°	716.7	718.0	719.8	723.5	727.2	730.8	734.5	735.9	737.2	738.6	739.9
127.5°	762.7	764.1	765.5	768.4	771.3	774.2	777.1	779.0	781.0	782.9	784.8
130°	806.9	808.4	809.5	811.6	813.7	815.9	818.0	820.1	822.2	824.3	826.4
132.5°	848.0	849.3	850.4	852.5	854.6	856.7	858.8	860.6	862.3	864.1	865.8
135°	886.9	888.4	889.3	891.0	892.7	894.5	896.2	898.1	900.1	902.0	903.9
137.5°	922.0	923.2	924.2	926.1	928.0	930.0	931.9	933.8	935.8	937.7	939.6
140°	956.3	957.1	958.2	960.3	962.4	964.5	966.6	968.4	970.1	971.9	973.6
142.5°	986.8	987.5	988.8	991.3	993.8	996.3	998.8	1000.3	1001.9	1003.4	1004.9
145°	1013.7	1013.6	1015.2	1018.5	1021.8	1025.0	1028.3	1029.7	1031.0	1032.4	1033.7
147.5°	1040.8	1040.5	1042.1	1045.4	1048.7	1052.0	1055.3	1056.3	1057.2	1058.2	1059.1
150°	1065.6	1064.9	1066.4	1069.5	1072.6	1075.7	1078.8	1080.0	1081.1	1082.3	1083.4
152.5°	1088.3	1087.5	1088.9	1091.8	1094.7	1097.6	1100.5	1101.7	1102.8	1104.0	1105.1
155°	1110.1	1109.2	1110.4	1112.7	1115.0	1117.3	1119.6	1120.8	1121.9	1123.1	1124.2
157.5°	1129.1	1128.3	1129.2	1130.9	1132.6	1134.4	1136.1	1137.5	1138.8	1140.2	1141.5
160°	1146.3	1145.7	1146.3	1147.4	1148.6	1149.7	1150.9	1152.1	1153.2	1154.4	1155.5
162.5°	1160.2	1159.6	1160.1	1161.1	1162.0	1163.0	1164.0	1165.3	1166.7	1168.0	1169.3
165°	1172.4	1171.8	1172.1	1172.7	1173.2	1173.8	1174.4	1175.8	1177.1	1178.5	1179.8
167.5°	1181.9	1181.3	1181.6	1182.2	1182.7	1183.3	1183.9	1185.3	1186.6	1188.0	1189.3
170°	1189.8	1189.2	1189.4	1189.8	1190.1	1190.5	1190.9	1192.3	1193.6	1195.0	1196.3
172.5°	1195.0	1194.4	1194.6	1195.0	1195.3	1195.7	1196.1	1197.5	1198.8	1200.2	1201.5
175°	1198.6	1197.9	1198.1	1198.5	1198.8	1199.2	1199.6	1201.0	1202.3	1203.7	1205.0
177.5°	1200.3	1199.6	1199.7	1199.9	1200.1	1200.3	1200.5	1201.8	1203.2	1204.5	1205.8
180°	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3

TEST NUMBER: P998072

CATALOG NUMBER: SA2XXDIP-B1005D925UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3
2.5°	1831.2	1835.7	1825.3	1822.4	1825.3	1815.0	1817.9	1820.9	1820.9	1825.3	1828.3
5°	1724.9	1719.0	1708.7	1705.7	1702.7	1707.2	1704.2	1708.7	1710.1	1720.5	1721.9
7.5°	1620.0	1611.2	1602.3	1593.5	1590.5	1583.1	1590.5	1590.5	1600.8	1597.9	1605.3
10°	1496.0	1494.5	1482.7	1478.3	1472.4	1460.6	1476.8	1472.4	1479.8	1493.0	1496.0
12.5°	1404.4	1388.2	1395.6	1374.9	1382.3	1370.5	1371.9	1371.9	1383.8	1385.2	1382.3
15°	1317.3	1304.0	1284.8	1276.0	1271.5	1265.6	1284.8	1286.3	1277.4	1298.1	1290.7
17.5°	1228.7	1228.7	1211.0	1206.5	1194.7	1200.6	1197.7	1199.2	1196.2	1211.0	1218.4
20°	1151.9	1144.5	1138.6	1140.1	1125.3	1122.4	1119.4	1122.4	1132.7	1143.0	1146.0
22.5°	1089.9	1085.4	1070.7	1073.6	1061.8	1066.2	1063.3	1070.7	1072.2	1072.2	1082.5
25°	1030.8	1024.9	1026.4	1020.5	1016.0	1016.0	1011.6	1016.0	1021.9	1024.9	1026.4
27.5°	986.5	982.1	974.7	970.3	973.2	965.8	971.7	976.2	976.2	973.2	976.2
30°	933.3	936.3	936.3	921.5	927.4	924.5	928.9	931.9	931.9	933.3	930.4
32.5°	897.9	889.0	887.6	886.1	886.1	880.2	880.2	884.6	886.1	887.6	892.0
35°	850.6	850.6	843.3	847.7	841.8	843.3	841.8	843.3	846.2	841.8	846.2
37.5°	807.8	809.3	806.3	809.3	810.8	807.8	804.9	810.8	807.8	807.8	804.9
40°	770.9	769.4	770.9	770.9	770.9	772.4	769.4	769.4	769.4	766.5	763.5
42.5°	739.9	731.0	734.0	735.4	731.0	731.0	732.5	731.0	735.4	726.6	726.6
45°	695.6	692.6	694.1	694.1	697.0	692.6	695.6	697.0	692.6	691.1	688.2
47.5°	655.7	658.7	655.7	658.7	658.7	661.6	655.7	657.2	658.7	652.7	648.3
50°	615.8	615.8	620.3	618.8	620.3	617.3	617.3	615.8	617.3	614.3	609.9
52.5°	578.9	574.5	581.9	580.4	578.9	577.4	576.0	577.4	574.5	571.5	571.5
55°	533.1	533.1	537.6	539.0	539.0	536.1	533.1	534.6	533.1	531.6	530.2
57.5°	496.2	490.3	493.3	494.7	494.7	490.3	493.3	490.3	490.3	491.8	487.3
60°	448.9	448.9	446.0	450.4	450.4	447.5	447.5	448.9	446.0	444.5	443.0
62.5°	398.7	400.2	404.6	406.1	407.6	404.6	401.7	403.2	403.2	398.7	400.2
65°	355.9	358.9	364.8	363.3	360.3	361.8	358.9	360.3	355.9	357.4	353.0
67.5°	314.6	313.1	314.6	314.6	317.5	316.0	313.1	313.1	311.6	316.0	311.6
70°	270.3	270.3	270.3	270.3	271.7	273.2	270.3	267.3	268.8	265.8	264.3
72.5°	224.5	225.9	224.5	227.4	223.0	225.9	225.9	224.5	223.0	223.0	223.0
75°	181.6	184.6	180.2	181.6	180.2	183.1	181.6	181.6	178.7	177.2	178.7
77.5°	138.8	140.3	137.3	138.8	137.3	138.8	138.8	137.3	137.3	137.3	137.3
80°	98.9	100.4	98.9	97.5	96.0	98.9	96.0	97.5	98.9	97.5	100.4
82.5°	63.5	63.5	62.0	63.5	60.5	60.5	62.0	62.0	60.5	63.5	60.5
85°	31.0	31.0	34.0	31.0	29.5	29.5	29.5	31.0	29.5	32.5	31.0
87.5°	7.4	5.9	7.4	7.4	5.9	5.9	7.4	5.9	7.4	8.9	5.9
90°	21.7	21.9	22.3	22.7	23.1	23.5	23.1	22.7	22.3	21.9	21.7
92.5°	22.6	22.7	22.9	23.1	23.3	23.5	23.3	23.1	22.9	22.7	22.6
95°	38.2	38.1	37.9	37.8	37.6	37.4	37.6	37.8	37.9	38.1	38.2
97.5°	46.9	47.0	47.2	47.4	47.6	47.8	47.6	47.4	47.2	47.0	46.9
100°	56.5	56.7	57.1	57.4	57.8	58.2	57.8	57.4	57.1	56.7	56.5
102.5°	60.8	61.1	61.7	62.3	62.9	63.5	62.9	62.3	61.7	61.1	60.8
105°	62.6	63.0	63.8	64.5	65.3	66.1	65.3	64.5	63.8	63.0	62.6
107.5°	64.3	64.7	65.5	66.2	67.0	67.8	67.0	66.2	65.5	64.7	64.3
110°	65.2	65.6	66.4	67.1	67.9	68.7	67.9	67.1	66.4	65.6	65.2

TEST NUMBER: P998072

CATALOG NUMBER: SA2XXDIP-B1005D925UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	66.9	67.2	67.8	68.3	68.9	69.5	68.9	68.3	67.8	67.2	66.9
115°	133.9	126.9	113.0	99.1	85.2	71.3	85.2	99.1	113.0	126.9	133.9
117.5°	459.0	433.7	383.1	332.4	281.8	231.2	281.8	332.4	383.1	433.7	459.0
120°	647.6	634.6	608.5	582.4	556.4	530.3	556.4	582.4	608.5	634.6	647.6
122.5°	693.7	693.8	694.0	694.1	694.3	694.5	694.3	694.1	694.0	693.8	693.7
125°	740.6	740.9	741.5	742.0	742.6	743.2	742.6	742.0	741.5	740.9	740.6
127.5°	785.8	785.9	786.1	786.3	786.5	786.7	786.5	786.3	786.1	785.9	785.8
130°	827.5	827.4	827.2	827.1	826.9	826.7	826.9	827.1	827.2	827.4	827.5
132.5°	866.7	866.6	866.4	866.2	866.0	865.8	866.0	866.2	866.4	866.6	866.7
135°	904.9	904.7	904.3	904.0	903.6	903.2	903.6	904.0	904.3	904.7	904.9
137.5°	940.6	940.3	939.7	939.1	938.5	937.9	938.5	939.1	939.7	940.3	940.6
140°	974.5	974.0	973.0	972.1	971.1	970.1	971.1	972.1	973.0	974.0	974.5
142.5°	1005.7	1005.2	1004.3	1003.3	1002.4	1001.4	1002.4	1003.3	1004.3	1005.2	1005.7
145°	1034.4	1033.9	1033.0	1032.0	1031.1	1030.1	1031.1	1032.0	1033.0	1033.9	1034.4
147.5°	1059.6	1059.2	1058.5	1057.7	1057.0	1056.2	1057.0	1057.7	1058.5	1059.2	1059.6
150°	1084.0	1083.5	1082.5	1081.6	1080.6	1079.6	1080.6	1081.6	1082.5	1083.5	1084.0
152.5°	1105.7	1105.0	1103.7	1102.3	1101.0	1099.6	1101.0	1102.3	1103.7	1105.0	1105.7
155°	1124.8	1124.0	1122.5	1121.0	1119.4	1117.9	1119.4	1121.0	1122.5	1124.0	1124.8
157.5°	1142.2	1141.4	1139.9	1138.4	1136.8	1135.3	1136.8	1138.4	1139.9	1141.4	1142.2
160°	1156.1	1155.4	1154.1	1152.7	1151.4	1150.0	1151.4	1152.7	1154.1	1155.4	1156.1
162.5°	1170.0	1169.1	1167.4	1165.7	1163.9	1162.2	1163.9	1165.7	1167.4	1169.1	1170.0
165°	1180.5	1179.8	1178.5	1177.1	1175.8	1174.4	1175.8	1177.1	1178.5	1179.8	1180.5
167.5°	1190.0	1189.1	1187.4	1185.7	1183.9	1182.2	1183.9	1185.7	1187.4	1189.1	1190.0
170°	1197.0	1196.1	1194.4	1192.7	1190.9	1189.2	1190.9	1192.7	1194.4	1196.1	1197.0
172.5°	1202.2	1201.3	1199.6	1197.9	1196.1	1194.4	1196.1	1197.9	1199.6	1201.3	1202.2
175°	1205.7	1204.7	1202.8	1200.9	1198.9	1197.0	1198.9	1200.9	1202.8	1204.7	1205.7
177.5°	1206.5	1205.6	1203.9	1202.2	1200.4	1198.7	1200.4	1202.2	1203.9	1205.6	1206.5
180°	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3

TEST NUMBER: P998072

CATALOG NUMBER: SA2XXDIP-B1005D925UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3	1921.3
2.5°	1823.8	1835.7	1831.2	1815.0	1834.2	1834.2	1847.5	1847.5	1863.7	1869.6	1878.5
5°	1720.5	1729.3	1736.7	1729.3	1742.6	1763.3	1775.1	1785.4	1807.6	1816.5	1829.8
7.5°	1609.7	1626.0	1633.3	1633.3	1655.5	1679.1	1702.7	1717.5	1748.5	1760.3	1773.6
10°	1501.9	1521.1	1535.9	1534.4	1571.3	1586.1	1615.6	1649.6	1680.6	1698.3	1717.5
12.5°	1388.2	1398.5	1419.2	1448.7	1457.6	1484.2	1518.1	1561.0	1617.1	1633.3	1661.4
15°	1293.7	1321.7	1338.0	1351.3	1371.9	1397.0	1434.0	1475.3	1531.4	1566.9	1596.4
17.5°	1213.9	1250.8	1261.2	1258.2	1284.8	1323.2	1366.0	1397.0	1447.3	1490.1	1518.1
20°	1148.9	1163.7	1181.4	1188.8	1209.5	1250.8	1292.2	1327.6	1369.0	1403.0	1435.4
22.5°	1084.0	1095.8	1110.6	1123.8	1140.1	1163.7	1203.6	1247.9	1287.8	1320.3	1357.2
25°	1030.8	1038.2	1051.5	1061.8	1079.5	1095.8	1123.8	1172.6	1219.8	1239.0	1271.5
27.5°	979.1	985.0	993.9	1005.7	1014.6	1030.8	1055.9	1095.8	1144.5	1163.7	1208.0
30°	933.3	937.8	946.6	952.5	957.0	976.2	995.4	1026.4	1063.3	1089.9	1122.4
32.5°	890.5	894.9	903.8	905.3	911.2	921.5	939.2	967.3	999.8	1021.9	1050.0
35°	843.3	846.2	855.1	858.0	862.4	871.3	884.6	905.3	934.8	951.1	976.2
37.5°	806.3	804.9	810.8	815.2	821.1	825.5	830.0	850.6	872.8	887.6	906.8
40°	766.5	763.5	765.0	770.9	773.8	779.7	779.7	800.4	815.2	827.0	841.8
42.5°	726.6	725.1	722.2	725.1	728.1	729.5	731.0	745.8	760.6	770.9	787.1
45°	686.7	685.2	682.3	683.8	683.8	686.7	691.1	697.0	707.4	716.2	725.1
47.5°	649.8	646.8	642.4	640.9	643.9	643.9	643.9	649.8	660.1	663.1	671.9
50°	611.4	607.0	601.1	598.1	598.1	596.6	599.6	601.1	609.9	612.9	620.3
52.5°	570.0	567.1	561.2	555.3	556.8	553.8	555.3	556.8	559.7	564.1	568.6
55°	528.7	522.8	518.4	516.9	512.4	512.4	508.0	513.9	512.4	513.9	519.8
57.5°	488.8	482.9	475.5	472.6	468.1	466.7	463.7	462.2	463.7	468.1	472.6
60°	441.6	438.6	434.2	429.7	426.8	422.4	419.4	419.4	417.9	417.9	419.4
62.5°	395.8	394.3	388.4	386.9	384.0	381.0	376.6	373.6	373.6	376.6	378.1
65°	351.5	350.0	345.6	344.1	336.7	333.8	332.3	330.8	327.8	327.8	327.8
67.5°	310.1	305.7	305.7	298.3	292.4	289.5	286.5	285.0	285.0	285.0	286.5
70°	264.3	264.3	259.9	255.5	249.6	251.1	246.6	242.2	242.2	239.2	240.7
72.5°	220.0	218.6	214.1	212.7	208.2	203.8	200.8	203.8	199.4	197.9	199.4
75°	177.2	175.7	172.8	169.8	171.3	166.9	162.4	161.0	161.0	158.0	158.0
77.5°	135.9	138.8	132.9	131.4	128.5	125.5	124.1	122.6	122.6	122.6	125.5
80°	94.5	96.0	96.0	93.0	94.5	90.1	90.1	90.1	85.7	87.1	88.6
82.5°	60.5	60.5	59.1	60.5	59.1	59.1	57.6	57.6	56.1	56.1	57.6
85°	34.0	32.5	31.0	34.0	32.5	32.5	31.0	31.0	31.0	31.0	31.0
87.5°	7.4	8.9	8.9	8.9	8.9	10.3	10.3	10.3	11.8	11.8	11.8
90°	21.2	20.3	19.3	18.4	17.4	15.8	14.3	12.7	11.2	10.4	9.3
92.5°	22.4	22.0	21.7	21.3	20.9	20.3	19.7	19.2	18.6	18.3	18.7
95°	37.7	36.8	35.8	34.9	33.9	32.5	31.2	29.8	28.5	27.8	31.0
97.5°	46.6	46.0	45.5	44.9	44.3	41.2	38.1	35.0	31.9	30.4	38.3
100°	55.7	54.2	52.6	51.1	49.5	46.2	43.0	39.7	36.4	34.8	48.0
102.5°	59.7	57.6	55.5	53.4	51.3	86.5	121.6	156.8	191.9	209.5	209.7
105°	61.5	59.4	57.3	55.1	53.0	105.7	158.5	211.2	263.9	290.3	287.4
107.5°	63.2	61.1	59.0	56.9	54.8	119.9	185.0	250.1	315.2	347.7	345.3
110°	74.9	94.2	113.5	132.8	152.1	207.9	263.7	319.6	375.4	403.3	401.3

TEST NUMBER: P998072

CATALOG NUMBER: SA2XXDIP-B1005D925UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	108.5	191.8	275.1	358.3	441.6	444.9	448.2	451.5	454.8	456.4	454.7
115°	178.6	268.0	357.5	446.9	536.3	531.5	526.7	521.8	517.0	514.6	513.0
117.5°	472.8	500.4	528.1	555.7	583.3	580.0	576.7	573.4	570.1	568.5	566.6
120°	646.4	644.1	641.8	639.5	637.2	633.7	630.2	626.7	623.2	621.5	620.1
122.5°	693.1	692.0	690.8	689.7	688.5	684.6	680.8	676.9	673.0	671.1	669.6
125°	739.9	738.6	737.2	735.9	734.5	730.8	727.2	723.5	719.8	718.0	716.7
127.5°	784.8	782.9	781.0	779.0	777.1	774.2	771.3	768.4	765.5	764.1	762.7
130°	826.4	824.3	822.2	820.1	818.0	815.9	813.7	811.6	809.5	808.4	806.9
132.5°	865.8	864.1	862.3	860.6	858.8	856.7	854.6	852.5	850.4	849.3	848.0
135°	903.9	902.0	900.1	898.1	896.2	894.5	892.7	891.0	889.3	888.4	886.9
137.5°	939.6	937.7	935.8	933.8	931.9	930.0	928.0	926.1	924.2	923.2	922.0
140°	973.6	971.9	970.1	968.4	966.6	964.5	962.4	960.3	958.2	957.1	956.3
142.5°	1004.9	1003.4	1001.9	1000.3	998.8	996.3	993.8	991.3	988.8	987.5	986.8
145°	1033.7	1032.4	1031.0	1029.7	1028.3	1025.0	1021.8	1018.5	1015.2	1013.6	1013.7
147.5°	1059.1	1058.2	1057.2	1056.3	1055.3	1052.0	1048.7	1045.4	1042.1	1040.5	1040.8
150°	1083.4	1082.3	1081.1	1080.0	1078.8	1075.7	1072.6	1069.5	1066.4	1064.9	1065.6
152.5°	1105.1	1104.0	1102.8	1101.7	1100.5	1097.6	1094.7	1091.8	1088.9	1087.5	1088.3
155°	1124.2	1123.1	1121.9	1120.8	1119.6	1117.3	1115.0	1112.7	1110.4	1109.2	1110.1
157.5°	1141.5	1140.2	1138.8	1137.5	1136.1	1134.4	1132.6	1130.9	1129.2	1128.3	1129.1
160°	1155.5	1154.4	1153.2	1152.1	1150.9	1149.7	1148.6	1147.4	1146.3	1145.7	1146.3
162.5°	1169.3	1168.0	1166.7	1165.3	1164.0	1163.0	1162.0	1161.1	1160.1	1159.6	1160.2
165°	1179.8	1178.5	1177.1	1175.8	1174.4	1173.8	1173.2	1172.7	1172.1	1171.8	1172.4
167.5°	1189.3	1188.0	1186.6	1185.3	1183.9	1183.3	1182.7	1182.2	1181.6	1181.3	1181.9
170°	1196.3	1195.0	1193.6	1192.3	1190.9	1190.5	1190.1	1189.8	1189.4	1189.2	1189.8
172.5°	1201.5	1200.2	1198.8	1197.5	1196.1	1195.7	1195.3	1195.0	1194.6	1194.4	1195.0
175°	1205.0	1203.7	1202.3	1201.0	1199.6	1199.2	1198.8	1198.5	1198.1	1197.9	1198.6
177.5°	1205.8	1204.5	1203.2	1201.8	1200.5	1200.3	1200.1	1199.9	1199.7	1199.6	1200.3
180°	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3

TEST NUMBER: P998072

CATALOG NUMBER: SA2XXDIP-B1005D925UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1921.3	1921.3	1921.3	1921.3
2.5°	1885.9	1885.9	1908.0	1931.6
5°	1844.5	1854.9	1890.3	1922.8
7.5°	1804.6	1822.4	1866.7	1908.0
10°	1755.9	1779.5	1834.2	1882.9
12.5°	1708.7	1730.8	1794.3	1848.9
15°	1642.2	1670.3	1738.2	1806.1
17.5°	1575.7	1603.8	1686.5	1766.2
20°	1497.5	1534.4	1627.4	1733.8
22.5°	1425.1	1470.9	1574.3	1659.9
25°	1345.4	1416.2	1512.2	1623.0
27.5°	1274.5	1345.4	1442.8	1555.1
30°	1194.7	1267.1	1367.5	1470.9
32.5°	1117.9	1184.4	1281.9	1408.9
35°	1038.2	1101.7	1196.2	1324.7
37.5°	965.8	1027.9	1131.2	1249.4
40°	894.9	959.9	1048.5	1166.7
42.5°	828.5	886.1	965.8	1084.0
45°	767.9	809.3	883.1	993.9
47.5°	704.4	741.4	809.3	920.0
50°	645.4	676.4	735.4	838.8
52.5°	587.8	614.3	669.0	751.7
55°	536.1	561.2	601.1	682.3
57.5°	482.9	502.1	540.5	605.5
60°	431.2	448.9	480.0	533.1
62.5°	379.5	394.3	423.8	466.7
65°	333.8	345.6	367.7	404.6
67.5°	289.5	296.8	314.6	344.1
70°	246.6	252.5	267.3	290.9
72.5°	200.8	206.8	223.0	239.2
75°	162.4	163.9	175.7	189.0
77.5°	127.0	125.5	134.4	144.7
80°	87.1	91.6	98.9	103.4
82.5°	59.1	60.5	63.5	66.5
85°	32.5	34.0	34.0	38.4
87.5°	13.3	14.8	14.8	16.2
90°	7.2	5.1	3.0	0.9
92.5°	19.4	20.2	20.9	21.7
95°	37.4	43.7	50.1	56.5
97.5°	54.2	70.0	85.9	101.7
100°	74.5	101.0	127.4	153.9
102.5°	210.1	210.4	210.8	211.2
105°	281.6	275.9	270.1	264.3
107.5°	340.5	335.6	330.8	326.0
110°	397.2	393.2	389.1	385.1

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	451.2	447.7	444.2	440.7
115°	509.7	506.4	503.1	499.8
117.5°	562.7	558.8	555.0	551.1
120°	617.2	614.3	611.4	608.5
122.5°	666.5	663.4	660.3	657.2
125°	714.2	711.7	709.2	706.7
127.5°	760.0	757.3	754.6	751.9
130°	803.8	800.7	797.6	794.5
132.5°	845.5	843.0	840.5	838.0
135°	883.8	880.7	877.6	874.5
137.5°	919.7	917.4	915.0	912.7
140°	954.8	953.2	951.7	950.1
142.5°	985.5	984.1	982.8	981.4
145°	1013.9	1014.0	1014.2	1014.4
147.5°	1041.4	1041.9	1042.5	1043.1
150°	1066.9	1068.2	1069.6	1070.9
152.5°	1089.8	1091.3	1092.9	1094.4
155°	1111.8	1113.5	1115.3	1117.0
157.5°	1130.6	1132.2	1133.7	1135.3
160°	1147.4	1148.6	1149.7	1150.9
162.5°	1161.3	1162.5	1163.6	1164.8
165°	1173.5	1174.7	1175.8	1177.0
167.5°	1183.1	1184.2	1185.4	1186.6
170°	1190.9	1192.1	1193.2	1194.4
172.5°	1196.1	1197.3	1198.4	1199.6
175°	1199.9	1201.2	1202.6	1203.9
177.5°	1201.6	1203.0	1204.3	1205.7
180°	1201.3	1201.3	1201.3	1201.3

TEST NUMBER: P998072

CATALOG NUMBER: SA2XXDIP-B1005D925UB50-4F0-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	18.13	19.00	19.05	19.94	21.14	15.62	16.49	16.55	17.43	18.63
	3H	18.94	19.72	19.88	20.67	21.90	16.97	17.75	17.91	18.69	19.92
	4H	19.11	19.85	20.06	20.80	22.04	17.43	18.17	18.38	19.12	20.36
	6H	19.16	19.83	20.12	20.79	22.04	17.74	18.41	18.70	19.37	20.62
	8H	19.14	19.78	20.11	20.75	22.00	17.82	18.47	18.79	19.44	20.69
	12H	19.10	19.71	20.07	20.68	21.95	17.87	18.48	18.84	19.44	20.72
4H	2H	18.17	18.91	19.13	19.86	21.10	16.07	16.80	17.03	17.75	18.99
	3H	19.15	19.76	20.12	20.74	22.00	17.53	18.14	18.50	19.12	20.38
	4H	19.43	19.99	20.41	20.96	22.24	18.07	18.62	19.04	19.60	20.88
	6H	19.56	20.04	20.55	21.04	22.32	18.45	18.93	19.43	19.92	21.20
	8H	19.56	20.01	20.55	21.00	22.29	18.56	19.00	19.55	20.00	21.29
	12H	19.53	19.93	20.53	20.94	22.23	18.62	19.02	19.62	20.03	21.32
8H	4H	19.44	19.89	20.43	20.88	22.17	18.21	18.66	19.20	19.65	20.94
	6H	19.62	19.99	20.63	21.02	22.31	18.65	19.01	19.66	20.05	21.34
	8H	19.65	19.97	20.67	21.00	22.30	18.80	19.12	19.82	20.14	21.45
	12H	19.64	19.92	20.66	20.94	22.29	18.89	19.17	19.91	20.19	21.54
12H	4H	19.40	19.80	20.41	20.81	22.10	18.18	18.59	19.19	19.59	20.89
	6H	19.60	19.92	20.62	20.94	22.25	18.65	18.97	19.67	19.99	21.30
	8H	19.63	19.92	20.66	20.93	22.28	18.80	19.09	19.83	20.10	21.46