

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: P998964

Luminaire Tested: SA2XXDIP-B675D925UB50-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P998964
REPORT IS A COMBINATION OF REPORTS P984710 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B675D925UB50-4F0-XX-W2A-A1
Description: Define 2 Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

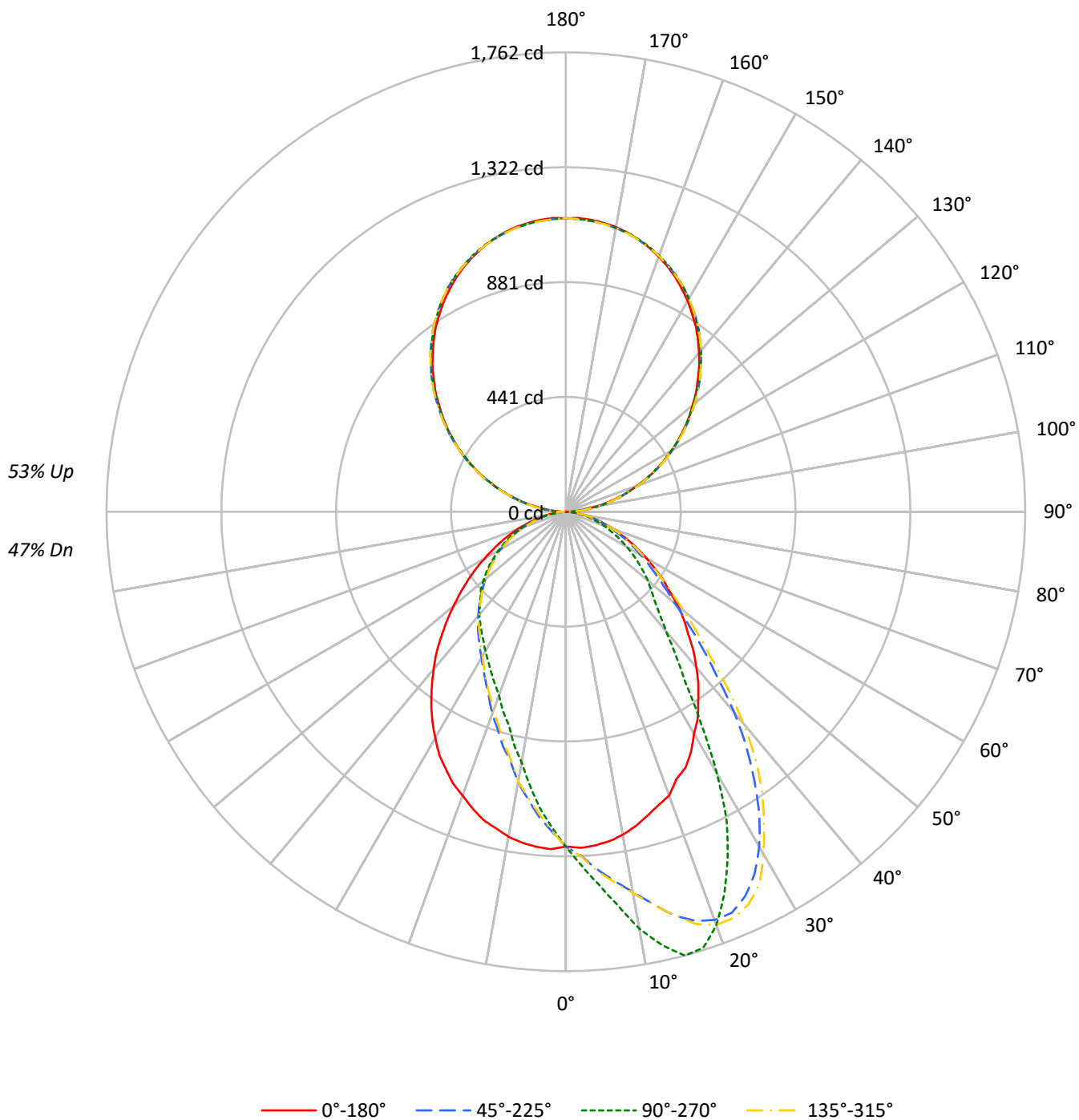
Lumens per Lamp: N/A
Luminaire Lumens: 5983.0 lumens
Efficiency: N/A
Efficacy: 92.9 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 64.4
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

TEST NUMBER: P998964

CATALOG NUMBER: SA2XXDIP-B675D925UB50-4F0-XX-W2A-A1

Luminous Intensity Polar Plot



TEST NUMBER: P998964

CATALOG NUMBER: SA2XXDIP-B675D925UB50-4F0-XX-W2A-A1

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	107	107	107	107	98	98	98	98	82	82	82	67	67	67	54	54	54
1	98	94	90	86	90	86	83	80	72	70	68	60	58	57	48	47	46
2	89	82	76	71	82	76	71	67	64	60	57	53	50	48	43	41	40
3	82	73	66	60	75	67	61	56	57	52	49	47	44	41	38	36	34
4	75	65	57	51	69	60	53	48	51	46	42	42	39	36	35	32	30
5	69	58	50	44	63	54	47	41	46	40	36	38	34	31	31	29	26
6	64	52	44	38	58	48	41	36	41	36	32	35	31	28	29	26	23
7	59	47	39	34	54	44	37	32	38	32	28	32	28	25	26	23	21
8	55	43	35	30	50	40	33	28	34	29	25	29	25	22	24	21	19
9	51	39	32	27	47	37	30	26	32	26	23	27	23	20	23	19	17
10	48	36	29	24	44	34	27	23	29	24	21	25	21	18	21	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	20318	20318	20318	20318
5°	20367	21665	20445	17235
10°	20130	23650	20257	14211
15°	19642	24945	19915	11969
20°	19336	23422	19336	10403
25°	18720	20122	18804	9304
30°	17706	15818	18043	8427
35°	16808	10938	17089	7711
40°	15774	8258	15954	7139
45°	14502	6787	14738	6522
50°	13401	5956	13425	5970
55°	12145	5075	12225	5371
60°	10809	4239	10957	4687
65°	9609	3448	9787	4003
70°	8419	2705	8631	3229
75°	7065	1964	7339	2341
80°	5517	1245	5908	1390
85°	3630	626	3899	463

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 21003 cd/sqm

TEST NUMBER: P998964

CATALOG NUMBER: SA2XXDIP-B675D925UB50-4F0-XX-W2A-A1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.3	2.0
10°-20°	355.8	5.9
20°-30°	516.4	8.6
30°-40°	544.4	9.1
40°-50°	481.8	8.1
50°-60°	384.7	6.4
60°-70°	261.3	4.4
70°-80°	133.7	2.2
80°-90°	34.8	0.6
90°-100°	69.7	1.2
100°-110°	221.4	3.7
110°-120°	378.9	6.3
120°-130°	498.3	8.3
130°-140°	559.3	9.3
140°-150°	548.5	9.2
150°-160°	460.1	7.7
160°-170°	305.1	5.1
170°-180°	106.6	1.8
0°-30°	994.6	16.6
0°-40°	1539.0	25.7
0°-60°	2405.4	40.2
0°-90°	2835.2	47.4
90°-120°	670.0	11.2
90°-150°	2276.0	38.0
90°-180°	3148.0	52.6
0°-180°	5983.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1284	1284	1284	1284	1284	
5°	1285	1434	1290	1140	1285	122
15°	1207	1762	1223	846	1207	341
25°	1084	1468	1089	679	1084	496
35°	885	799	900	563	885	554
45°	664	482	675	463	664	515
55°	456	338	459	358	456	407
65°	270	208	275	242	270	269
75°	126	103	131	122	126	136
85°	26	27	28	20	26	30
90°	1	32	1	32	1	5
95°	49	59	49	59	49	55
105°	204	211	204	211	204	216
115°	380	380	380	380	380	376
125°	553	555	553	555	553	494
135°	715	724	715	724	715	553
145°	868	878	868	878	868	543
155°	993	1000	993	1000	993	457
165°	1080	1081	1080	1081	1080	305
175°	1124	1120	1124	1120	1124	107
180°	1126	1126	1126	1126	1126	

TEST NUMBER: P998964

CATALOG NUMBER: SA2XXDIP-B675D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1290.5	1293.5	1298.4	1299.4	1309.2	1317.1	1326.0	1326.0	1329.0	1328.0	1320.1
5°	1284.6	1293.5	1306.3	1317.1	1334.9	1342.8	1354.6	1363.5	1371.4	1377.3	1376.3
7.5°	1274.7	1290.5	1309.2	1330.0	1353.6	1367.5	1384.2	1400.0	1410.9	1420.7	1427.6
10°	1257.9	1284.6	1310.2	1337.9	1368.4	1387.2	1406.9	1427.6	1444.4	1463.2	1480.9
12.5°	1235.2	1273.7	1305.3	1341.8	1379.3	1400.0	1431.6	1447.4	1479.9	1527.3	1540.1
15°	1206.6	1258.9	1288.5	1334.9	1384.2	1401.0	1444.4	1470.1	1537.2	1566.8	1602.3
17.5°	1180.0	1238.2	1277.7	1331.0	1379.3	1411.9	1454.3	1506.6	1562.8	1605.2	1644.7
20°	1158.3	1214.5	1261.9	1321.1	1382.3	1423.7	1468.1	1531.2	1592.4	1635.8	1666.4
22.5°	1109.0	1181.0	1236.2	1302.3	1376.3	1433.6	1476.0	1545.0	1611.2	1637.8	1664.4
25°	1084.3	1146.5	1210.6	1285.6	1372.4	1440.5	1477.0	1553.9	1612.1	1622.0	1627.9
27.5°	1038.9	1109.0	1183.9	1269.8	1371.4	1428.6	1475.0	1545.0	1591.4	1584.5	1566.8
30°	982.7	1068.5	1151.4	1244.1	1357.6	1419.7	1463.2	1527.3	1551.0	1515.5	1483.9
32.5°	941.2	1022.1	1113.9	1221.4	1341.8	1401.0	1443.4	1493.7	1498.7	1434.5	1381.3
35°	885.0	974.8	1078.4	1191.8	1315.2	1368.4	1407.9	1438.5	1414.8	1325.0	1261.9
37.5°	834.7	923.5	1034.0	1149.4	1278.7	1331.0	1362.5	1367.5	1309.2	1230.3	1137.6
40°	779.4	871.2	986.6	1108.0	1238.2	1283.6	1303.3	1288.5	1204.7	1112.9	1005.4
42.5°	724.2	814.9	939.3	1063.6	1186.9	1225.4	1233.3	1192.8	1090.2	982.7	858.4
45°	664.0	758.7	883.0	1008.3	1127.7	1149.4	1150.4	1092.2	970.8	858.4	742.9
47.5°	614.7	702.5	825.8	951.1	1051.7	1066.5	1060.6	993.5	861.3	735.0	634.4
50°	560.4	644.3	766.6	889.9	975.8	979.7	964.9	869.2	740.0	624.5	544.6
52.5°	502.2	587.0	699.5	817.9	894.9	888.9	860.3	757.7	636.4	540.7	479.5
55°	455.8	530.8	636.4	751.8	806.1	789.3	757.7	653.1	557.4	476.5	423.3
57.5°	404.5	470.6	574.2	674.8	706.4	690.6	659.1	561.4	472.6	411.4	375.9
60°	356.2	416.4	507.1	591.0	615.7	598.9	562.4	474.6	410.4	359.1	332.5
62.5°	311.8	364.1	440.0	517.0	526.9	510.1	478.5	407.5	352.2	311.8	292.0
65°	270.3	319.7	380.8	439.0	447.9	430.2	397.6	346.3	299.9	274.3	255.5
67.5°	229.9	269.3	323.6	366.0	371.0	354.2	327.6	286.1	257.5	229.9	216.1
70°	194.4	224.0	266.4	300.9	302.9	287.1	273.3	235.8	214.1	194.4	183.5
72.5°	159.8	180.6	213.1	238.8	239.7	229.9	217.1	193.4	174.6	160.8	150.0
75°	126.3	144.0	163.8	186.5	185.5	177.6	167.7	152.9	137.1	128.3	123.3
77.5°	96.7	107.5	123.3	138.1	138.1	134.2	128.3	117.4	107.5	98.7	93.7
80°	69.1	76.0	88.8	93.7	95.7	94.7	89.8	81.9	77.9	71.0	69.1
82.5°	44.4	49.3	55.3	60.2	63.1	61.2	60.2	56.2	50.3	48.3	46.4
85°	25.7	27.6	30.6	33.5	34.5	33.5	35.5	32.6	29.6	29.6	28.6
87.5°	10.9	11.8	13.8	13.8	14.8	14.8	13.8	14.8	14.8	13.8	12.8
90°	1.0	3.5	6.1	8.6	11.1	12.4	14.7	19.4	24.0	28.7	33.3
92.5°	20.9	22.6	24.3	26.0	27.7	28.5	28.6	28.8	29.1	29.3	29.5
95°	49.4	51.5	53.6	55.7	57.8	58.9	59.1	59.5	60.0	60.4	60.8
97.5°	82.7	84.6	86.5	88.4	90.3	91.2	91.6	92.5	93.3	94.2	95.0
100°	120.7	122.4	124.1	125.8	127.5	128.3	128.6	129.2	129.9	130.5	131.1
102.5°	160.6	161.9	163.1	164.4	165.7	166.3	166.7	167.6	168.4	169.3	170.1
105°	204.3	204.9	205.5	206.2	206.8	207.1	207.3	207.7	208.2	208.6	209.0
107.5°	248.0	248.8	249.7	250.5	251.4	251.8	251.8	251.8	251.8	251.8	251.8
110°	289.8	291.1	292.3	293.6	294.9	295.5	295.5	295.5	295.5	295.5	295.5

TEST NUMBER: P998964

CATALOG NUMBER: SA2XXDIP-B675D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	335.4	336.7	337.9	339.2	340.5	341.1	341.0	340.8	340.5	340.3	340.1
115°	380.0	381.3	382.6	383.9	385.2	385.8	385.6	385.2	384.7	384.3	383.9
117.5°	424.7	426.4	428.1	429.8	431.5	432.3	431.8	430.7	429.7	428.6	427.6
120°	469.4	471.1	472.8	474.5	476.2	477.0	476.2	474.5	472.8	471.1	469.4
122.5°	510.2	512.3	514.4	516.5	518.6	519.7	519.2	518.1	517.1	516.0	515.0
125°	553.0	554.9	556.8	558.7	560.6	561.5	561.2	560.6	559.9	559.3	558.7
127.5°	594.8	597.1	599.4	601.7	604.0	605.2	604.8	603.9	603.1	602.2	601.4
130°	633.7	636.5	639.2	642.0	644.7	646.1	645.9	645.5	645.0	644.6	644.2
132.5°	677.4	679.5	681.6	683.7	685.8	686.9	687.0	687.2	687.5	687.7	687.9
135°	715.4	717.7	720.1	722.4	724.7	725.9	726.1	726.5	727.0	727.4	727.8
137.5°	757.2	759.1	761.0	762.9	764.8	765.8	766.0	766.4	766.9	767.3	767.7
140°	794.3	796.2	798.1	800.0	801.9	802.9	803.4	804.5	805.5	806.6	807.6
142.5°	832.3	834.2	836.1	838.0	839.9	840.9	841.2	841.8	842.5	843.1	843.7
145°	868.4	869.9	871.4	872.9	874.4	875.1	875.7	877.0	878.3	879.5	880.8
147.5°	900.7	902.6	904.5	906.4	908.3	909.3	909.7	910.6	911.4	912.3	913.1
150°	934.0	935.3	936.5	937.8	939.1	939.7	940.1	941.0	941.8	942.7	943.5
152.5°	963.4	964.7	965.9	967.2	968.5	969.1	969.6	970.7	971.8	972.8	973.9
155°	992.9	993.5	994.1	994.8	995.4	995.7	996.0	996.7	997.3	998.0	998.6
157.5°	1018.5	1018.9	1019.3	1019.8	1020.2	1020.4	1020.6	1021.0	1021.5	1021.9	1022.3
160°	1041.3	1041.7	1042.1	1042.6	1043.0	1043.2	1043.3	1043.5	1043.8	1044.0	1044.2
162.5°	1062.2	1062.2	1062.2	1062.2	1062.2	1062.2	1062.3	1062.5	1062.8	1063.0	1063.2
165°	1080.3	1080.1	1079.9	1079.6	1079.4	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3
167.5°	1096.4	1095.8	1095.2	1094.5	1093.9	1093.6	1093.6	1093.6	1093.6	1093.6	1093.6
170°	1108.8	1108.2	1107.5	1106.9	1106.2	1105.9	1105.8	1105.6	1105.4	1105.2	1105.0
172.5°	1117.3	1116.7	1116.1	1115.4	1114.8	1114.5	1114.4	1114.2	1113.9	1113.7	1113.5
175°	1124.0	1123.4	1122.7	1122.1	1121.4	1121.1	1120.9	1120.5	1120.0	1119.6	1119.2
177.5°	1127.8	1127.2	1126.5	1125.9	1125.2	1124.9	1124.7	1124.3	1123.8	1123.4	1123.0
180°	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9

TEST NUMBER: P998964

CATALOG NUMBER: SA2XXDIP-B675D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1333.9	1334.9	1336.9	1346.7	1351.7	1352.7	1348.7	1357.6	1360.6	1357.6	1355.6
5°	1397.1	1403.0	1414.8	1427.6	1426.7	1427.6	1433.6	1439.5	1441.5	1433.6	1436.5
7.5°	1452.3	1464.1	1477.0	1496.7	1496.7	1506.6	1510.5	1515.5	1527.3	1521.4	1519.4
10°	1515.5	1531.2	1554.9	1586.5	1587.5	1597.3	1607.2	1623.0	1627.9	1624.0	1626.0
12.5°	1594.4	1625.0	1626.9	1661.5	1677.3	1679.2	1695.0	1692.1	1701.9	1701.9	1718.7
15°	1628.9	1676.3	1702.9	1736.5	1746.3	1734.5	1747.3	1761.1	1762.1	1762.1	1761.1
17.5°	1691.1	1709.8	1736.5	1754.2	1758.2	1758.2	1759.1	1765.1	1761.1	1753.2	1759.1
20°	1703.9	1711.8	1721.7	1719.7	1721.7	1711.8	1701.9	1692.1	1693.0	1688.1	1702.9
22.5°	1680.2	1678.2	1655.6	1640.8	1640.8	1621.0	1602.3	1593.4	1584.5	1587.5	1592.4
25°	1621.0	1590.4	1562.8	1541.1	1536.2	1504.6	1478.9	1471.1	1456.3	1468.1	1470.1
27.5°	1526.3	1491.8	1447.4	1428.6	1403.0	1390.1	1372.4	1348.7	1318.1	1335.9	1332.9
30°	1424.7	1373.4	1336.9	1291.5	1251.0	1248.1	1214.5	1175.1	1159.3	1159.3	1168.2
32.5°	1311.2	1243.1	1189.9	1125.7	1086.3	1069.5	1029.0	989.6	998.5	968.9	979.7
35°	1179.0	1089.2	1022.1	960.0	930.4	910.7	858.4	836.7	813.0	799.2	824.8
37.5°	1052.7	949.1	863.3	795.2	784.4	748.8	713.3	699.5	685.7	691.6	690.6
40°	898.8	807.1	730.1	676.8	658.1	641.3	617.6	600.9	592.0	596.9	597.9
42.5°	759.7	682.7	625.5	588.0	572.2	560.4	548.6	534.7	531.8	531.8	535.7
45°	652.2	589.0	550.5	519.9	511.1	502.2	493.3	487.4	485.4	481.5	484.4
47.5°	566.3	516.0	492.3	469.6	459.8	457.8	449.9	446.9	443.0	442.0	443.0
50°	494.3	462.7	441.0	428.2	421.3	418.3	414.4	408.5	406.5	411.4	409.4
52.5°	444.0	414.4	402.5	389.7	385.8	381.8	375.9	376.9	375.9	373.9	373.9
55°	393.7	374.9	363.1	353.2	352.2	348.3	343.3	341.4	340.4	338.4	341.4
57.5°	353.2	338.4	327.6	318.7	314.7	314.7	309.8	305.9	305.9	304.9	305.9
60°	312.8	298.0	291.1	282.2	279.2	278.2	275.3	273.3	270.3	270.3	270.3
62.5°	275.3	263.4	255.5	247.6	248.6	243.7	239.7	237.8	237.8	238.8	238.8
65°	239.7	231.9	222.0	215.1	213.1	212.1	210.2	209.2	206.2	208.2	208.2
67.5°	207.2	196.3	190.4	187.5	184.5	183.5	181.5	179.6	178.6	177.6	179.6
70°	174.6	165.8	160.8	158.8	155.9	154.9	153.9	151.0	151.9	152.9	153.9
72.5°	145.0	137.1	136.2	130.2	130.2	130.2	126.3	128.3	127.3	125.3	127.3
75°	114.4	110.5	108.5	105.6	106.6	105.6	104.6	101.6	101.6	102.6	103.6
77.5°	90.8	86.8	85.8	82.9	80.9	82.9	80.9	79.9	79.9	80.9	80.9
80°	67.1	65.1	62.2	62.2	62.2	61.2	61.2	61.2	60.2	59.2	60.2
82.5°	44.4	44.4	43.4	42.4	43.4	41.4	42.4	42.4	42.4	42.4	42.4
85°	28.6	27.6	27.6	26.6	26.6	26.6	27.6	25.7	25.7	26.6	26.6
87.5°	12.8	12.8	12.8	13.8	12.8	12.8	12.8	13.8	12.8	12.8	12.8
90°	32.9	32.5	32.0	31.6	31.4	31.5	31.7	31.9	32.1	32.3	32.1
92.5°	29.7	29.9	30.1	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4
95°	60.8	60.8	60.8	60.8	60.8	60.6	60.2	59.7	59.3	58.9	59.3
97.5°	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
100°	131.1	131.1	131.1	131.1	131.1	131.0	130.8	130.6	130.4	130.2	130.4
102.5°	170.3	170.5	170.7	170.9	171.0	170.9	170.7	170.5	170.3	170.1	170.3
105°	209.4	209.8	210.3	210.7	210.9	210.9	210.9	210.9	210.9	210.9	210.9
107.5°	252.0	252.2	252.4	252.6	252.7	252.2	251.1	250.1	249.0	248.0	249.0
110°	295.5	295.5	295.5	295.5	295.5	295.2	294.5	293.9	293.2	292.6	293.2

TEST NUMBER: P998964

CATALOG NUMBER: SA2XXDIP-B675D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	339.5	338.9	338.2	337.6	337.3	337.1	336.7	336.2	335.8	335.4	335.8
115°	383.7	383.5	383.2	383.0	382.9	382.6	381.9	381.3	380.6	380.0	380.6
117.5°	427.0	426.3	425.7	425.0	424.7	424.4	423.8	423.1	422.5	421.9	422.5
120°	469.4	469.4	469.4	469.4	469.4	469.1	468.4	467.8	467.1	466.5	467.1
122.5°	514.4	513.7	513.1	512.4	512.1	511.9	511.5	511.0	510.6	510.2	510.6
125°	558.1	557.4	556.8	556.1	555.8	555.7	555.5	555.3	555.1	554.9	555.1
127.5°	600.6	599.7	598.9	598.0	597.6	597.3	596.7	596.0	595.4	594.8	595.4
130°	643.8	643.4	642.9	642.5	642.3	641.9	641.0	640.2	639.3	638.5	639.3
132.5°	686.8	685.8	684.7	683.6	683.1	682.8	682.2	681.5	680.9	680.3	680.9
135°	727.6	727.4	727.1	726.9	726.8	726.5	725.9	725.2	724.6	724.0	724.6
137.5°	767.5	767.3	767.1	766.9	766.8	766.4	765.5	764.6	763.8	762.9	763.8
140°	807.6	807.6	807.6	807.6	807.6	807.2	806.3	805.5	804.6	803.8	804.6
142.5°	843.9	844.1	844.4	844.6	844.7	844.3	843.4	842.6	841.7	840.9	841.7
145°	881.0	881.2	881.4	881.6	881.7	881.3	880.4	879.6	878.7	877.9	878.7
147.5°	913.5	913.9	914.4	914.8	915.0	914.6	913.7	912.9	912.0	911.2	912.0
150°	944.1	944.7	945.4	946.0	946.3	946.0	945.4	944.7	944.1	943.5	944.1
152.5°	974.7	975.6	976.4	977.3	977.7	977.3	976.4	975.6	974.7	973.9	974.7
155°	999.6	1000.7	1001.7	1002.8	1003.3	1003.0	1002.4	1001.7	1001.1	1000.5	1001.1
157.5°	1023.8	1025.3	1026.8	1028.3	1029.0	1028.5	1027.4	1026.3	1025.3	1024.2	1025.3
160°	1045.5	1046.7	1048.0	1049.3	1049.9	1049.5	1048.6	1047.8	1046.9	1046.1	1046.9
162.5°	1064.7	1066.1	1067.6	1069.1	1069.8	1069.3	1068.2	1067.2	1066.1	1065.1	1066.1
165°	1080.8	1082.3	1083.8	1085.3	1086.0	1085.5	1084.4	1083.3	1082.3	1081.2	1082.3
167.5°	1095.1	1096.5	1098.0	1099.5	1100.2	1099.7	1098.6	1097.6	1096.5	1095.5	1096.5
170°	1106.5	1107.9	1109.4	1110.9	1111.6	1111.0	1109.7	1108.4	1107.2	1105.9	1107.2
172.5°	1115.0	1116.5	1118.0	1119.5	1120.2	1119.6	1118.3	1117.0	1115.8	1114.5	1115.8
175°	1120.7	1122.2	1123.7	1125.2	1125.9	1125.3	1124.0	1122.7	1121.5	1120.2	1121.5
177.5°	1124.3	1125.5	1126.8	1128.1	1128.7	1128.1	1126.8	1125.5	1124.3	1123.0	1124.3
180°	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9

TEST NUMBER: P998964

CATALOG NUMBER: SA2XXDIP-B675D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1360.6	1353.6	1347.7	1348.7	1353.6	1349.7	1339.8	1327.0	1322.1	1316.2	1322.1
5°	1442.4	1436.5	1424.7	1425.7	1422.7	1418.8	1403.0	1383.2	1383.2	1367.5	1365.5
7.5°	1523.3	1514.5	1506.6	1504.6	1493.7	1485.9	1472.0	1444.4	1433.6	1414.8	1404.0
10°	1614.1	1607.2	1598.3	1587.5	1581.6	1567.7	1545.0	1504.6	1484.9	1459.2	1440.5
12.5°	1705.9	1704.9	1685.1	1663.4	1662.5	1640.8	1625.0	1570.7	1544.1	1509.5	1465.1
15°	1764.1	1759.1	1748.3	1737.4	1740.4	1716.7	1681.2	1617.1	1599.3	1557.9	1510.5
17.5°	1763.1	1763.1	1760.1	1758.2	1755.2	1748.3	1728.6	1686.1	1657.5	1605.2	1560.8
20°	1706.9	1719.7	1722.6	1721.7	1731.5	1736.5	1735.5	1708.8	1686.1	1639.8	1594.4
22.5°	1594.4	1624.0	1636.8	1644.7	1665.4	1676.3	1701.9	1692.1	1686.1	1651.6	1613.1
25°	1489.8	1499.7	1538.1	1540.1	1568.7	1595.4	1621.0	1637.8	1659.5	1646.7	1614.1
27.5°	1354.6	1377.3	1404.9	1425.7	1431.6	1485.9	1528.3	1559.8	1609.2	1613.1	1602.3
30°	1201.7	1212.6	1257.9	1285.6	1317.1	1356.6	1417.8	1472.0	1516.4	1556.9	1570.7
32.5°	1015.2	1059.6	1086.3	1119.8	1147.4	1217.5	1292.5	1362.5	1413.8	1481.9	1511.5
35°	844.5	879.1	924.5	938.3	988.6	1047.8	1145.5	1235.2	1313.2	1382.3	1442.4
37.5°	703.5	731.1	779.4	801.1	830.7	906.7	988.6	1100.1	1193.8	1278.7	1353.6
40°	606.8	627.5	664.0	670.9	695.6	764.6	830.7	935.3	1059.6	1174.1	1256.0
42.5°	540.7	550.5	575.2	584.1	599.9	646.2	705.4	804.1	919.5	1037.9	1153.4
45°	493.3	500.2	515.0	522.9	542.6	563.4	611.7	690.6	781.4	900.8	1025.1
47.5°	450.9	459.8	465.7	470.6	481.5	504.2	535.7	593.9	680.8	790.3	910.7
50°	415.4	418.3	429.2	430.2	437.1	451.9	481.5	517.0	586.1	674.8	791.3
52.5°	379.8	382.8	389.7	396.6	399.6	411.4	431.2	460.8	512.1	582.1	685.7
55°	344.3	348.3	355.2	360.1	363.1	372.9	384.8	413.4	453.8	503.2	588.0
57.5°	308.8	317.7	319.7	322.6	327.6	338.4	349.3	366.0	397.6	443.0	505.2
60°	275.3	278.2	285.1	288.1	293.0	298.9	312.8	325.6	348.3	383.8	440.0
62.5°	240.7	247.6	250.6	253.6	257.5	264.4	273.3	287.1	306.8	335.5	379.8
65°	211.1	212.1	218.0	222.0	225.9	230.9	239.7	252.6	264.4	291.1	323.6
67.5°	182.5	184.5	186.5	190.4	195.4	200.3	208.2	215.1	229.9	247.6	273.3
70°	154.9	154.9	159.8	162.8	161.8	167.7	173.6	181.5	192.4	209.2	229.9
72.5°	130.2	129.2	133.2	134.2	136.2	140.1	144.0	151.9	157.9	170.7	186.5
75°	103.6	105.6	107.5	107.5	110.5	113.5	117.4	121.4	128.3	136.2	148.0
77.5°	81.9	81.9	83.9	84.8	87.8	86.8	90.8	94.7	99.6	106.6	115.4
80°	60.2	62.2	62.2	62.2	63.1	64.1	68.1	71.0	74.0	78.9	82.9
82.5°	42.4	42.4	44.4	44.4	44.4	46.4	46.4	47.4	49.3	52.3	55.3
85°	26.6	26.6	26.6	27.6	26.6	27.6	29.6	28.6	29.6	31.6	31.6
87.5°	12.8	12.8	12.8	12.8	12.8	13.8	12.8	13.8	14.8	14.8	14.8
90°	31.9	31.7	31.5	31.4	31.6	32.0	32.5	32.9	33.3	28.7	24.0
92.5°	30.4	30.4	30.4	30.4	30.3	30.1	29.9	29.7	29.5	29.3	29.1
95°	59.7	60.2	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.4	60.0
97.5°	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	94.2	93.3
100°	130.6	130.8	131.0	131.1	131.1	131.1	131.1	131.1	131.1	130.5	129.9
102.5°	170.5	170.7	170.9	171.0	170.9	170.7	170.5	170.3	170.1	169.3	168.4
105°	210.9	210.9	210.9	210.9	210.7	210.3	209.8	209.4	209.0	208.6	208.2
107.5°	250.1	251.1	252.2	252.7	252.6	252.4	252.2	252.0	251.8	251.8	251.8
110°	293.9	294.5	295.2	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5

TEST NUMBER: P998964

CATALOG NUMBER: SA2XXDIP-B675D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	336.2	336.7	337.1	337.3	337.6	338.2	338.9	339.5	340.1	340.3	340.5
115°	381.3	381.9	382.6	382.9	383.0	383.2	383.5	383.7	383.9	384.3	384.7
117.5°	423.1	423.8	424.4	424.7	425.0	425.7	426.3	427.0	427.6	428.6	429.7
120°	467.8	468.4	469.1	469.4	469.4	469.4	469.4	469.4	469.4	471.1	472.8
122.5°	511.0	511.5	511.9	512.1	512.4	513.1	513.7	514.4	515.0	516.0	517.1
125°	555.3	555.5	555.7	555.8	556.1	556.8	557.4	558.1	558.7	559.3	559.9
127.5°	596.0	596.7	597.3	597.6	598.0	598.9	599.7	600.6	601.4	602.2	603.1
130°	640.2	641.0	641.9	642.3	642.5	642.9	643.4	643.8	644.2	644.6	645.0
132.5°	681.5	682.2	682.8	683.1	683.6	684.7	685.8	686.8	687.9	687.7	687.5
135°	725.2	725.9	726.5	726.8	726.9	727.1	727.4	727.6	727.8	727.4	727.0
137.5°	764.6	765.5	766.4	766.8	766.9	767.1	767.3	767.5	767.7	767.3	766.9
140°	805.5	806.3	807.2	807.6	807.6	807.6	807.6	807.6	807.6	806.6	805.5
142.5°	842.6	843.4	844.3	844.7	844.6	844.4	844.1	843.9	843.7	843.1	842.5
145°	879.6	880.4	881.3	881.7	881.6	881.4	881.2	881.0	880.8	879.5	878.3
147.5°	912.9	913.7	914.6	915.0	914.8	914.4	913.9	913.5	913.1	912.3	911.4
150°	944.7	945.4	946.0	946.3	946.0	945.4	944.7	944.1	943.5	942.7	941.8
152.5°	975.6	976.4	977.3	977.7	977.3	976.4	975.6	974.7	973.9	972.8	971.8
155°	1001.7	1002.4	1003.0	1003.3	1002.8	1001.7	1000.7	999.6	998.6	998.0	997.3
157.5°	1026.3	1027.4	1028.5	1029.0	1028.3	1026.8	1025.3	1023.8	1022.3	1021.9	1021.5
160°	1047.8	1048.6	1049.5	1049.9	1049.3	1048.0	1046.7	1045.5	1044.2	1044.0	1043.8
162.5°	1067.2	1068.2	1069.3	1069.8	1069.1	1067.6	1066.1	1064.7	1063.2	1063.0	1062.8
165°	1083.3	1084.4	1085.5	1086.0	1085.3	1083.8	1082.3	1080.8	1079.3	1079.3	1079.3
167.5°	1097.6	1098.6	1099.7	1100.2	1099.5	1098.0	1096.5	1095.1	1093.6	1093.6	1093.6
170°	1108.4	1109.7	1111.0	1111.6	1110.9	1109.4	1107.9	1106.5	1105.0	1105.2	1105.4
172.5°	1117.0	1118.3	1119.6	1120.2	1119.5	1118.0	1116.5	1115.0	1113.5	1113.7	1113.9
175°	1122.7	1124.0	1125.3	1125.9	1125.2	1123.7	1122.2	1120.7	1119.2	1119.6	1120.0
177.5°	1125.5	1126.8	1128.1	1128.7	1128.1	1126.8	1125.5	1124.3	1123.0	1123.4	1123.8
180°	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9

TEST NUMBER: P998964

CATALOG NUMBER: SA2XXDIP-B675D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1317.1	1312.2	1309.2	1311.2	1305.3	1290.5	1290.5	1295.4	1289.5	1283.6	1274.7
5°	1353.6	1343.8	1337.9	1336.9	1323.1	1299.4	1294.4	1289.5	1276.7	1262.9	1248.1
7.5°	1389.2	1371.4	1361.5	1354.6	1334.9	1304.3	1291.5	1280.6	1259.9	1239.2	1220.5
10°	1418.8	1393.1	1381.3	1370.4	1344.8	1306.3	1285.6	1265.8	1239.2	1212.6	1188.9
12.5°	1442.4	1412.8	1398.0	1382.3	1350.7	1300.4	1274.7	1243.1	1216.5	1181.0	1157.3
15°	1481.9	1420.7	1406.9	1392.1	1359.6	1290.5	1258.9	1223.4	1186.9	1139.5	1113.9
17.5°	1513.5	1431.6	1430.6	1399.0	1356.6	1286.6	1238.2	1191.8	1152.4	1105.0	1064.6
20°	1532.2	1448.4	1432.6	1400.0	1346.7	1259.9	1209.6	1158.3	1115.9	1058.6	1018.2
22.5°	1548.0	1472.0	1430.6	1391.1	1326.0	1251.0	1177.0	1128.7	1070.5	1008.3	969.8
25°	1553.9	1477.0	1433.6	1388.2	1311.2	1225.4	1141.5	1089.2	1024.1	967.9	915.6
27.5°	1554.9	1476.0	1422.7	1375.4	1290.5	1191.8	1106.0	1050.8	978.7	913.6	861.3
30°	1545.0	1465.1	1416.8	1365.5	1270.8	1161.3	1062.6	1001.4	924.5	859.3	805.1
32.5°	1515.5	1443.4	1404.0	1347.7	1245.1	1118.8	1021.2	953.1	872.2	808.0	755.8
35°	1466.1	1416.8	1373.4	1321.1	1211.6	1079.4	979.7	899.8	817.9	756.7	707.4
37.5°	1404.9	1378.3	1337.9	1286.6	1173.1	1043.8	933.3	844.5	762.7	703.5	655.1
40°	1322.1	1329.0	1289.5	1243.1	1127.7	995.5	873.2	788.3	711.4	656.1	608.7
42.5°	1232.3	1260.9	1238.2	1193.8	1077.4	942.2	828.8	735.0	660.0	602.8	563.4
45°	1135.6	1184.9	1171.1	1138.6	1025.1	886.0	765.6	674.8	608.7	553.5	519.0
47.5°	1030.0	1100.1	1100.1	1076.4	966.9	829.7	711.4	618.6	553.5	514.0	480.5
50°	922.5	1001.4	1014.2	998.5	901.8	765.6	645.3	561.4	505.2	466.7	442.0
52.5°	810.0	901.8	925.5	917.6	832.7	704.4	591.0	509.1	457.8	424.2	402.5
55°	702.5	809.0	834.7	837.6	758.7	637.4	530.8	458.8	409.4	386.8	368.0
57.5°	600.9	703.5	732.1	737.0	683.7	576.2	474.6	411.4	367.0	348.3	333.5
60°	514.0	599.9	637.4	648.2	601.8	505.2	422.3	361.1	327.6	309.8	296.0
62.5°	443.0	512.1	551.5	554.5	533.8	443.0	368.0	316.7	288.1	272.3	265.4
65°	373.9	436.1	459.8	471.6	454.8	383.8	317.7	275.3	252.6	238.8	231.9
67.5°	318.7	358.1	377.9	393.7	376.9	323.6	270.3	235.8	219.0	205.2	201.3
70°	261.5	294.0	308.8	324.6	309.8	269.3	230.9	199.3	184.5	173.6	168.7
72.5°	209.2	234.8	248.6	258.5	249.6	216.1	184.5	162.8	151.9	144.0	141.1
75°	165.8	183.5	191.4	198.3	194.4	168.7	149.0	131.2	121.4	114.4	112.5
77.5°	126.3	139.1	148.0	150.0	145.0	128.3	111.5	100.6	92.7	88.8	86.8
80°	89.8	97.7	102.6	105.6	100.6	93.7	81.9	74.0	67.1	62.2	61.2
82.5°	60.2	64.1	68.1	67.1	65.1	59.2	52.3	48.3	45.4	41.4	41.4
85°	34.5	35.5	37.5	38.5	37.5	33.5	29.6	27.6	25.7	22.7	22.7
87.5°	14.8	15.8	15.8	16.8	14.8	14.8	12.8	10.9	10.9	9.9	8.9
90°	19.4	14.7	12.4	11.1	8.6	6.1	3.5	1.0	3.5	6.1	8.6
92.5°	28.8	28.6	28.5	27.7	26.0	24.3	22.6	20.9	22.6	24.3	26.0
95°	59.5	59.1	58.9	57.8	55.7	53.6	51.5	49.4	51.5	53.6	55.7
97.5°	92.5	91.6	91.2	90.3	88.4	86.5	84.6	82.7	84.6	86.5	88.4
100°	129.2	128.6	128.3	127.5	125.8	124.1	122.4	120.7	122.4	124.1	125.8
102.5°	167.6	166.7	166.3	165.7	164.4	163.1	161.9	160.6	161.9	163.1	164.4
105°	207.7	207.3	207.1	206.8	206.2	205.5	204.9	204.3	204.9	205.5	206.2
107.5°	251.8	251.8	251.8	251.4	250.5	249.7	248.8	248.0	248.8	249.7	250.5
110°	295.5	295.5	295.5	294.9	293.6	292.3	291.1	289.8	291.1	292.3	293.6

TEST NUMBER: P998964

CATALOG NUMBER: SA2XXDIP-B675D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	340.8	341.0	341.1	340.5	339.2	337.9	336.7	335.4	336.7	337.9	339.2
115°	385.2	385.6	385.8	385.2	383.9	382.6	381.3	380.0	381.3	382.6	383.9
117.5°	430.7	431.8	432.3	431.5	429.8	428.1	426.4	424.7	426.4	428.1	429.8
120°	474.5	476.2	477.0	476.2	474.5	472.8	471.1	469.4	471.1	472.8	474.5
122.5°	518.1	519.2	519.7	518.6	516.5	514.4	512.3	510.2	512.3	514.4	516.5
125°	560.6	561.2	561.5	560.6	558.7	556.8	554.9	553.0	554.9	556.8	558.7
127.5°	603.9	604.8	605.2	604.0	601.7	599.4	597.1	594.8	597.1	599.4	601.7
130°	645.5	645.9	646.1	644.7	642.0	639.2	636.5	633.7	636.5	639.2	642.0
132.5°	687.2	687.0	686.9	685.8	683.7	681.6	679.5	677.4	679.5	681.6	683.7
135°	726.5	726.1	725.9	724.7	722.4	720.1	717.7	715.4	717.7	720.1	722.4
137.5°	766.4	766.0	765.8	764.8	762.9	761.0	759.1	757.2	759.1	761.0	762.9
140°	804.5	803.4	802.9	801.9	800.0	798.1	796.2	794.3	796.2	798.1	800.0
142.5°	841.8	841.2	840.9	839.9	838.0	836.1	834.2	832.3	834.2	836.1	838.0
145°	877.0	875.7	875.1	874.4	872.9	871.4	869.9	868.4	869.9	871.4	872.9
147.5°	910.6	909.7	909.3	908.3	906.4	904.5	902.6	900.7	902.6	904.5	906.4
150°	941.0	940.1	939.7	939.1	937.8	936.5	935.3	934.0	935.3	936.5	937.8
152.5°	970.7	969.6	969.1	968.5	967.2	965.9	964.7	963.4	964.7	965.9	967.2
155°	996.7	996.0	995.7	995.4	994.8	994.1	993.5	992.9	993.5	994.1	994.8
157.5°	1021.0	1020.6	1020.4	1020.2	1019.8	1019.3	1018.9	1018.5	1018.9	1019.3	1019.8
160°	1043.5	1043.3	1043.2	1043.0	1042.6	1042.1	1041.7	1041.3	1041.7	1042.1	1042.6
162.5°	1062.5	1062.3	1062.2	1062.2	1062.2	1062.2	1062.2	1062.2	1062.2	1062.2	1062.2
165°	1079.3	1079.3	1079.3	1079.4	1079.6	1079.9	1080.1	1080.3	1080.1	1079.9	1079.6
167.5°	1093.6	1093.6	1093.6	1093.9	1094.5	1095.2	1095.8	1096.4	1095.8	1095.2	1094.5
170°	1105.6	1105.8	1105.9	1106.2	1106.9	1107.5	1108.2	1108.8	1108.2	1107.5	1106.9
172.5°	1114.2	1114.4	1114.5	1114.8	1115.4	1116.1	1116.7	1117.3	1116.7	1116.1	1115.4
175°	1120.5	1120.9	1121.1	1121.4	1122.1	1122.7	1123.4	1124.0	1123.4	1122.7	1122.1
177.5°	1124.3	1124.7	1124.9	1125.2	1125.9	1126.5	1127.2	1127.8	1127.2	1126.5	1125.9
180°	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9

TEST NUMBER: P998964

CATALOG NUMBER: SA2XXDIP-B675D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1269.8	1274.7	1273.7	1263.9	1253.0	1244.1	1227.4	1229.3	1223.4	1224.4	1230.3
5°	1238.2	1238.2	1234.3	1220.5	1202.7	1192.8	1174.1	1169.1	1157.3	1156.3	1155.3
7.5°	1204.7	1199.7	1194.8	1175.1	1153.4	1137.6	1111.9	1106.0	1094.2	1086.3	1082.3
10°	1165.2	1158.3	1148.4	1125.7	1099.1	1079.4	1052.7	1044.8	1022.1	1012.3	1006.4
12.5°	1121.8	1117.8	1102.1	1083.3	1039.9	1018.2	979.7	987.6	964.9	945.2	942.2
15°	1078.4	1063.6	1054.7	1024.1	971.8	962.0	931.4	915.6	894.9	879.1	879.1
17.5°	1036.0	1013.3	993.5	961.0	922.5	894.9	872.2	864.3	838.6	822.8	819.9
20°	979.7	954.1	949.1	902.8	876.1	845.5	823.8	804.1	785.4	778.4	773.5
22.5°	926.4	896.8	888.9	849.5	822.8	792.3	770.6	756.7	742.9	738.0	729.1
25°	869.2	851.5	839.6	797.2	767.6	739.0	724.2	714.3	701.5	700.5	694.6
27.5°	814.0	797.2	785.4	744.9	723.2	696.6	684.7	673.9	667.0	664.0	661.0
30°	766.6	747.9	734.0	704.4	677.8	656.1	646.2	639.3	635.4	630.5	629.5
32.5°	714.3	703.5	684.7	662.0	641.3	620.6	614.7	609.7	603.8	601.8	600.9
35°	669.9	655.1	643.3	617.6	608.7	591.0	584.1	580.1	572.2	570.3	568.3
37.5°	626.5	612.7	599.9	584.1	567.3	557.4	553.5	547.6	543.6	544.6	542.6
40°	583.1	572.2	562.4	545.6	535.7	530.8	522.9	517.0	515.0	516.0	515.0
42.5°	540.7	530.8	524.9	512.1	502.2	497.3	492.3	486.4	489.4	489.4	492.3
45°	502.2	493.3	489.4	479.5	473.6	465.7	460.8	459.8	463.7	462.7	462.7
47.5°	462.7	459.8	454.8	446.0	438.1	433.1	432.1	432.1	436.1	438.1	437.1
50°	432.1	426.2	420.3	413.4	407.5	405.5	402.5	404.5	408.5	408.5	410.4
52.5°	393.7	389.7	387.7	381.8	377.9	377.9	377.9	378.9	381.8	384.8	383.8
55°	360.1	357.2	355.2	352.2	347.3	348.3	347.3	349.3	352.2	355.2	357.2
57.5°	324.6	323.6	321.6	316.7	316.7	315.7	318.7	319.7	324.6	326.6	329.5
60°	293.0	290.1	290.1	286.1	286.1	286.1	289.1	292.0	296.0	297.0	298.9
62.5°	259.5	259.5	258.5	255.5	255.5	258.5	259.5	263.4	265.4	265.4	268.4
65°	227.9	226.9	225.9	226.9	227.9	227.9	230.9	232.8	234.8	235.8	236.8
67.5°	196.3	195.4	197.3	196.3	198.3	202.3	201.3	204.2	207.2	207.2	208.2
70°	166.7	168.7	167.7	169.7	168.7	170.7	173.6	174.6	174.6	175.6	178.6
72.5°	139.1	139.1	139.1	138.1	139.1	141.1	143.1	144.0	146.0	147.0	150.0
75°	112.5	112.5	110.5	112.5	112.5	114.4	116.4	116.4	116.4	118.4	121.4
77.5°	84.8	85.8	84.8	86.8	86.8	87.8	89.8	88.8	90.8	91.8	92.7
80°	62.2	61.2	61.2	61.2	62.2	62.2	64.1	65.1	65.1	68.1	66.1
82.5°	39.5	40.5	39.5	40.5	40.5	41.4	40.5	41.4	42.4	44.4	43.4
85°	22.7	21.7	21.7	22.7	21.7	21.7	22.7	21.7	22.7	21.7	22.7
87.5°	8.9	7.9	7.9	7.9	7.9	6.9	6.9	5.9	5.9	5.9	4.9
90°	11.1	12.4	14.7	19.4	24.0	28.7	33.3	32.9	32.5	32.0	31.6
92.5°	27.7	28.5	28.6	28.8	29.1	29.3	29.5	29.7	29.9	30.1	30.3
95°	57.8	58.9	59.1	59.5	60.0	60.4	60.8	60.8	60.8	60.8	60.8
97.5°	90.3	91.2	91.6	92.5	93.3	94.2	95.0	95.0	95.0	95.0	95.0
100°	127.5	128.3	128.6	129.2	129.9	130.5	131.1	131.1	131.1	131.1	131.1
102.5°	165.7	166.3	166.7	167.6	168.4	169.3	170.1	170.3	170.5	170.7	170.9
105°	206.8	207.1	207.3	207.7	208.2	208.6	209.0	209.4	209.8	210.3	210.7
107.5°	251.4	251.8	251.8	251.8	251.8	251.8	251.8	252.0	252.2	252.4	252.6
110°	294.9	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5

TEST NUMBER: P998964

CATALOG NUMBER: SA2XXDIP-B675D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	340.5	341.1	341.0	340.8	340.5	340.3	340.1	339.5	338.9	338.2	337.6
115°	385.2	385.8	385.6	385.2	384.7	384.3	383.9	383.7	383.5	383.2	383.0
117.5°	431.5	432.3	431.8	430.7	429.7	428.6	427.6	427.0	426.3	425.7	425.0
120°	476.2	477.0	476.2	474.5	472.8	471.1	469.4	469.4	469.4	469.4	469.4
122.5°	518.6	519.7	519.2	518.1	517.1	516.0	515.0	514.4	513.7	513.1	512.4
125°	560.6	561.5	561.2	560.6	559.9	559.3	558.7	558.1	557.4	556.8	556.1
127.5°	604.0	605.2	604.8	603.9	603.1	602.2	601.4	600.6	599.7	598.9	598.0
130°	644.7	646.1	645.9	645.5	645.0	644.6	644.2	643.8	643.4	642.9	642.5
132.5°	685.8	686.9	687.0	687.2	687.5	687.7	687.9	686.8	685.8	684.7	683.6
135°	724.7	725.9	726.1	726.5	727.0	727.4	727.8	727.6	727.4	727.1	726.9
137.5°	764.8	765.8	766.0	766.4	766.9	767.3	767.7	767.5	767.3	767.1	766.9
140°	801.9	802.9	803.4	804.5	805.5	806.6	807.6	807.6	807.6	807.6	807.6
142.5°	839.9	840.9	841.2	841.8	842.5	843.1	843.7	843.9	844.1	844.4	844.6
145°	874.4	875.1	875.7	877.0	878.3	879.5	880.8	881.0	881.2	881.4	881.6
147.5°	908.3	909.3	909.7	910.6	911.4	912.3	913.1	913.5	913.9	914.4	914.8
150°	939.1	939.7	940.1	941.0	941.8	942.7	943.5	944.1	944.7	945.4	946.0
152.5°	968.5	969.1	969.6	970.7	971.8	972.8	973.9	974.7	975.6	976.4	977.3
155°	995.4	995.7	996.0	996.7	997.3	998.0	998.6	999.6	1000.7	1001.7	1002.8
157.5°	1020.2	1020.4	1020.6	1021.0	1021.5	1021.9	1022.3	1023.8	1025.3	1026.8	1028.3
160°	1043.0	1043.2	1043.3	1043.5	1043.8	1044.0	1044.2	1045.5	1046.7	1048.0	1049.3
162.5°	1062.2	1062.2	1062.3	1062.5	1062.8	1063.0	1063.2	1064.7	1066.1	1067.6	1069.1
165°	1079.4	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1080.8	1082.3	1083.8	1085.3
167.5°	1093.9	1093.6	1093.6	1093.6	1093.6	1093.6	1093.6	1095.1	1096.5	1098.0	1099.5
170°	1106.2	1105.9	1105.8	1105.6	1105.4	1105.2	1105.0	1106.5	1107.9	1109.4	1110.9
172.5°	1114.8	1114.5	1114.4	1114.2	1113.9	1113.7	1113.5	1115.0	1116.5	1118.0	1119.5
175°	1121.4	1121.1	1120.9	1120.5	1120.0	1119.6	1119.2	1120.7	1122.2	1123.7	1125.2
177.5°	1125.2	1124.9	1124.7	1124.3	1123.8	1123.4	1123.0	1124.3	1125.5	1126.8	1128.1
180°	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9

TEST NUMBER: P998964

CATALOG NUMBER: SA2XXDIP-B675D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1223.4	1226.4	1219.5	1217.5	1219.5	1212.6	1214.5	1216.5	1216.5	1219.5	1221.4
5°	1152.4	1148.4	1141.5	1139.5	1137.6	1140.5	1138.6	1141.5	1142.5	1149.4	1150.4
7.5°	1082.3	1076.4	1070.5	1064.6	1062.6	1057.7	1062.6	1062.6	1069.5	1067.5	1072.5
10°	999.4	998.5	990.6	987.6	983.7	975.8	986.6	983.7	988.6	997.5	999.4
12.5°	938.3	927.4	932.4	918.5	923.5	915.6	916.6	916.6	924.5	925.5	923.5
15°	880.1	871.2	858.4	852.4	849.5	845.5	858.4	859.3	853.4	867.2	862.3
17.5°	820.9	820.9	809.0	806.1	798.2	802.1	800.1	801.1	799.2	809.0	814.0
20°	769.6	764.6	760.7	761.7	751.8	749.8	747.9	749.8	756.7	763.6	765.6
22.5°	728.1	725.2	715.3	717.3	709.4	712.3	710.4	715.3	716.3	716.3	723.2
25°	688.7	684.7	685.7	681.8	678.8	678.8	675.8	678.8	682.7	684.7	685.7
27.5°	659.1	656.1	651.2	648.2	650.2	645.3	649.2	652.2	652.2	650.2	652.2
30°	623.5	625.5	625.5	615.7	619.6	617.6	620.6	622.6	622.6	623.5	621.6
32.5°	599.9	593.9	593.0	592.0	592.0	588.0	588.0	591.0	592.0	593.0	595.9
35°	568.3	568.3	563.4	566.3	562.4	563.4	562.4	563.4	565.3	562.4	565.3
37.5°	539.7	540.7	538.7	540.7	541.7	539.7	537.7	541.7	539.7	539.7	537.7
40°	515.0	514.0	515.0	515.0	515.0	516.0	514.0	514.0	514.0	512.1	510.1
42.5°	494.3	488.4	490.4	491.3	488.4	488.4	489.4	488.4	491.3	485.4	485.4
45°	464.7	462.7	463.7	463.7	465.7	462.7	464.7	465.7	462.7	461.7	459.8
47.5°	438.1	440.0	438.1	440.0	440.0	442.0	438.1	439.0	440.0	436.1	433.1
50°	411.4	411.4	414.4	413.4	414.4	412.4	412.4	411.4	412.4	410.4	407.5
52.5°	386.8	383.8	388.7	387.7	386.8	385.8	384.8	385.8	383.8	381.8	381.8
55°	356.2	356.2	359.1	360.1	360.1	358.1	356.2	357.2	356.2	355.2	354.2
57.5°	331.5	327.6	329.5	330.5	330.5	327.6	329.5	327.6	327.6	328.5	325.6
60°	299.9	299.9	298.0	300.9	300.9	298.9	298.9	299.9	298.0	297.0	296.0
62.5°	266.4	267.4	270.3	271.3	272.3	270.3	268.4	269.3	269.3	266.4	267.4
65°	237.8	239.7	243.7	242.7	240.7	241.7	239.7	240.7	237.8	238.8	235.8
67.5°	210.2	209.2	210.2	210.2	212.1	211.1	209.2	209.2	208.2	211.1	208.2
70°	180.6	180.6	180.6	180.6	181.5	182.5	180.6	178.6	179.6	177.6	176.6
72.5°	150.0	151.0	150.0	151.9	149.0	151.0	151.0	150.0	149.0	149.0	149.0
75°	121.4	123.3	120.4	121.4	120.4	122.3	121.4	121.4	119.4	118.4	119.4
77.5°	92.7	93.7	91.8	92.7	91.8	92.7	92.7	91.8	91.8	91.8	91.8
80°	66.1	67.1	66.1	65.1	64.1	66.1	64.1	65.1	66.1	65.1	67.1
82.5°	42.4	42.4	41.4	42.4	40.5	40.5	41.4	41.4	40.5	42.4	40.5
85°	20.7	20.7	22.7	20.7	19.7	19.7	19.7	20.7	19.7	21.7	20.7
87.5°	4.9	3.9	4.9	4.9	3.9	3.9	4.9	3.9	4.9	5.9	3.9
90°	31.4	31.5	31.7	31.9	32.1	32.3	32.1	31.9	31.7	31.5	31.4
92.5°	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
95°	60.8	60.6	60.2	59.7	59.3	58.9	59.3	59.7	60.2	60.6	60.8
97.5°	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
100°	131.1	131.0	130.8	130.6	130.4	130.2	130.4	130.6	130.8	131.0	131.1
102.5°	171.0	170.9	170.7	170.5	170.3	170.1	170.3	170.5	170.7	170.9	171.0
105°	210.9	210.9	210.9	210.9	210.9	210.9	210.9	210.9	210.9	210.9	210.9
107.5°	252.7	252.2	251.1	250.1	249.0	248.0	249.0	250.1	251.1	252.2	252.7
110°	295.5	295.2	294.5	293.9	293.2	292.6	293.2	293.9	294.5	295.2	295.5

TEST NUMBER: P998964

CATALOG NUMBER: SA2XXDIP-B675D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	337.3	337.1	336.7	336.2	335.8	335.4	335.8	336.2	336.7	337.1	337.3
115°	382.9	382.6	381.9	381.3	380.6	380.0	380.6	381.3	381.9	382.6	382.9
117.5°	424.7	424.4	423.8	423.1	422.5	421.9	422.5	423.1	423.8	424.4	424.7
120°	469.4	469.1	468.4	467.8	467.1	466.5	467.1	467.8	468.4	469.1	469.4
122.5°	512.1	511.9	511.5	511.0	510.6	510.2	510.6	511.0	511.5	511.9	512.1
125°	555.8	555.7	555.5	555.3	555.1	554.9	555.1	555.3	555.5	555.7	555.8
127.5°	597.6	597.3	596.7	596.0	595.4	594.8	595.4	596.0	596.7	597.3	597.6
130°	642.3	641.9	641.0	640.2	639.3	638.5	639.3	640.2	641.0	641.9	642.3
132.5°	683.1	682.8	682.2	681.5	680.9	680.3	680.9	681.5	682.2	682.8	683.1
135°	726.8	726.5	725.9	725.2	724.6	724.0	724.6	725.2	725.9	726.5	726.8
137.5°	766.8	766.4	765.5	764.6	763.8	762.9	763.8	764.6	765.5	766.4	766.8
140°	807.6	807.2	806.3	805.5	804.6	803.8	804.6	805.5	806.3	807.2	807.6
142.5°	844.7	844.3	843.4	842.6	841.7	840.9	841.7	842.6	843.4	844.3	844.7
145°	881.7	881.3	880.4	879.6	878.7	877.9	878.7	879.6	880.4	881.3	881.7
147.5°	915.0	914.6	913.7	912.9	912.0	911.2	912.0	912.9	913.7	914.6	915.0
150°	946.3	946.0	945.4	944.7	944.1	943.5	944.1	944.7	945.4	946.0	946.3
152.5°	977.7	977.3	976.4	975.6	974.7	973.9	974.7	975.6	976.4	977.3	977.7
155°	1003.3	1003.0	1002.4	1001.7	1001.1	1000.5	1001.1	1001.7	1002.4	1003.0	1003.3
157.5°	1029.0	1028.5	1027.4	1026.3	1025.3	1024.2	1025.3	1026.3	1027.4	1028.5	1029.0
160°	1049.9	1049.5	1048.6	1047.8	1046.9	1046.1	1046.9	1047.8	1048.6	1049.5	1049.9
162.5°	1069.8	1069.3	1068.2	1067.2	1066.1	1065.1	1066.1	1067.2	1068.2	1069.3	1069.8
165°	1086.0	1085.5	1084.4	1083.3	1082.3	1081.2	1082.3	1083.3	1084.4	1085.5	1086.0
167.5°	1100.2	1099.7	1098.6	1097.6	1096.5	1095.5	1096.5	1097.6	1098.6	1099.7	1100.2
170°	1111.6	1111.0	1109.7	1108.4	1107.2	1105.9	1107.2	1108.4	1109.7	1111.0	1111.6
172.5°	1120.2	1119.6	1118.3	1117.0	1115.8	1114.5	1115.8	1117.0	1118.3	1119.6	1120.2
175°	1125.9	1125.3	1124.0	1122.7	1121.5	1120.2	1121.5	1122.7	1124.0	1125.3	1125.9
177.5°	1128.7	1128.1	1126.8	1125.5	1124.3	1123.0	1124.3	1125.5	1126.8	1128.1	1128.7
180°	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9

TEST NUMBER: P998964

CATALOG NUMBER: SA2XXDIP-B675D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1218.5	1226.4	1223.4	1212.6	1225.4	1225.4	1234.3	1234.3	1245.1	1249.1	1255.0
5°	1149.4	1155.3	1160.3	1155.3	1164.2	1178.0	1185.9	1192.8	1207.6	1213.5	1222.4
7.5°	1075.4	1086.3	1091.2	1091.2	1106.0	1121.8	1137.6	1147.4	1168.2	1176.1	1184.9
10°	1003.4	1016.2	1026.1	1025.1	1049.8	1059.6	1079.4	1102.1	1122.8	1134.6	1147.4
12.5°	927.4	934.3	948.1	967.9	973.8	991.6	1014.2	1042.9	1080.4	1091.2	1109.9
15°	864.3	883.0	893.9	902.8	916.6	933.3	958.0	985.6	1023.1	1046.8	1066.5
17.5°	811.0	835.7	842.6	840.6	858.4	884.0	912.6	933.3	966.9	995.5	1014.2
20°	767.6	777.5	789.3	794.2	808.0	835.7	863.3	887.0	914.6	937.3	959.0
22.5°	724.2	732.1	741.9	750.8	761.7	777.5	804.1	833.7	860.3	882.0	906.7
25°	688.7	693.6	702.5	709.4	721.2	732.1	750.8	783.4	814.9	827.8	849.5
27.5°	654.1	658.1	664.0	671.9	677.8	688.7	705.4	732.1	764.6	777.5	807.1
30°	623.5	626.5	632.4	636.4	639.3	652.2	665.0	685.7	710.4	728.1	749.8
32.5°	594.9	597.9	603.8	604.8	608.7	615.7	627.5	646.2	667.9	682.7	701.5
35°	563.4	565.3	571.3	573.2	576.2	582.1	591.0	604.8	624.5	635.4	652.2
37.5°	538.7	537.7	541.7	544.6	548.6	551.5	554.5	568.3	583.1	593.0	605.8
40°	512.1	510.1	511.1	515.0	517.0	520.9	520.9	534.7	544.6	552.5	562.4
42.5°	485.4	484.4	482.5	484.4	486.4	487.4	488.4	498.2	508.1	515.0	525.9
45°	458.8	457.8	455.8	456.8	456.8	458.8	461.7	465.7	472.6	478.5	484.4
47.5°	434.1	432.1	429.2	428.2	430.2	430.2	430.2	434.1	441.0	443.0	448.9
50°	408.5	405.5	401.6	399.6	399.6	398.6	400.6	401.6	407.5	409.4	414.4
52.5°	380.8	378.9	374.9	371.0	372.0	370.0	371.0	372.0	373.9	376.9	379.8
55°	353.2	349.3	346.3	345.3	342.4	342.4	339.4	343.3	342.4	343.3	347.3
57.5°	326.6	322.6	317.7	315.7	312.8	311.8	309.8	308.8	309.8	312.8	315.7
60°	295.0	293.0	290.1	287.1	285.1	282.2	280.2	280.2	279.2	279.2	280.2
62.5°	264.4	263.4	259.5	258.5	256.5	254.5	251.6	249.6	249.6	251.6	252.6
65°	234.8	233.8	230.9	229.9	224.9	223.0	222.0	221.0	219.0	219.0	219.0
67.5°	207.2	204.2	204.2	199.3	195.4	193.4	191.4	190.4	190.4	190.4	191.4
70°	176.6	176.6	173.6	170.7	166.7	167.7	164.8	161.8	161.8	159.8	160.8
72.5°	147.0	146.0	143.1	142.1	139.1	136.2	134.2	136.2	133.2	132.2	133.2
75°	118.4	117.4	115.4	113.5	114.4	111.5	108.5	107.5	107.5	105.6	105.6
77.5°	90.8	92.7	88.8	87.8	85.8	83.9	82.9	81.9	81.9	81.9	83.9
80°	63.1	64.1	64.1	62.2	63.1	60.2	60.2	60.2	57.2	58.2	59.2
82.5°	40.5	40.5	39.5	40.5	39.5	39.5	38.5	38.5	37.5	37.5	38.5
85°	22.7	21.7	20.7	22.7	21.7	21.7	20.7	20.7	20.7	20.7	20.7
87.5°	4.9	5.9	5.9	5.9	5.9	6.9	6.9	6.9	7.9	7.9	7.9
90°	31.6	32.0	32.5	32.9	33.3	28.7	24.0	19.4	14.7	12.4	11.1
92.5°	30.3	30.1	29.9	29.7	29.5	29.3	29.1	28.8	28.6	28.5	27.7
95°	60.8	60.8	60.8	60.8	60.8	60.4	60.0	59.5	59.1	58.9	57.8
97.5°	95.0	95.0	95.0	95.0	95.0	94.2	93.3	92.5	91.6	91.2	90.3
100°	131.1	131.1	131.1	131.1	131.1	130.5	129.9	129.2	128.6	128.3	127.5
102.5°	170.9	170.7	170.5	170.3	170.1	169.3	168.4	167.6	166.7	166.3	165.7
105°	210.7	210.3	209.8	209.4	209.0	208.6	208.2	207.7	207.3	207.1	206.8
107.5°	252.6	252.4	252.2	252.0	251.8	251.8	251.8	251.8	251.8	251.8	251.4
110°	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	294.9

TEST NUMBER: P998964

CATALOG NUMBER: SA2XXDIP-B675D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	337.6	338.2	338.9	339.5	340.1	340.3	340.5	340.8	341.0	341.1	340.5
115°	383.0	383.2	383.5	383.7	383.9	384.3	384.7	385.2	385.6	385.8	385.2
117.5°	425.0	425.7	426.3	427.0	427.6	428.6	429.7	430.7	431.8	432.3	431.5
120°	469.4	469.4	469.4	469.4	469.4	471.1	472.8	474.5	476.2	477.0	476.2
122.5°	512.4	513.1	513.7	514.4	515.0	516.0	517.1	518.1	519.2	519.7	518.6
125°	556.1	556.8	557.4	558.1	558.7	559.3	559.9	560.6	561.2	561.5	560.6
127.5°	598.0	598.9	599.7	600.6	601.4	602.2	603.1	603.9	604.8	605.2	604.0
130°	642.5	642.9	643.4	643.8	644.2	644.6	645.0	645.5	645.9	646.1	644.7
132.5°	683.6	684.7	685.8	686.8	687.9	687.7	687.5	687.2	687.0	686.9	685.8
135°	726.9	727.1	727.4	727.6	727.8	727.4	727.0	726.5	726.1	725.9	724.7
137.5°	766.9	767.1	767.3	767.5	767.7	767.3	766.9	766.4	766.0	765.8	764.8
140°	807.6	807.6	807.6	807.6	807.6	806.6	805.5	804.5	803.4	802.9	801.9
142.5°	844.6	844.4	844.1	843.9	843.7	843.1	842.5	841.8	841.2	840.9	839.9
145°	881.6	881.4	881.2	881.0	880.8	879.5	878.3	877.0	875.7	875.1	874.4
147.5°	914.8	914.4	913.9	913.5	913.1	912.3	911.4	910.6	909.7	909.3	908.3
150°	946.0	945.4	944.7	944.1	943.5	942.7	941.8	941.0	940.1	939.7	939.1
152.5°	977.3	976.4	975.6	974.7	973.9	972.8	971.8	970.7	969.6	969.1	968.5
155°	1002.8	1001.7	1000.7	999.6	998.6	998.0	997.3	996.7	996.0	995.7	995.4
157.5°	1028.3	1026.8	1025.3	1023.8	1022.3	1021.9	1021.5	1021.0	1020.6	1020.4	1020.2
160°	1049.3	1048.0	1046.7	1045.5	1044.2	1044.0	1043.8	1043.5	1043.3	1043.2	1043.0
162.5°	1069.1	1067.6	1066.1	1064.7	1063.2	1063.0	1062.8	1062.5	1062.3	1062.2	1062.2
165°	1085.3	1083.8	1082.3	1080.8	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.4
167.5°	1099.5	1098.0	1096.5	1095.1	1093.6	1093.6	1093.6	1093.6	1093.6	1093.6	1093.9
170°	1110.9	1109.4	1107.9	1106.5	1105.0	1105.2	1105.4	1105.6	1105.8	1105.9	1106.2
172.5°	1119.5	1118.0	1116.5	1115.0	1113.5	1113.7	1113.9	1114.2	1114.4	1114.5	1114.8
175°	1125.2	1123.7	1122.2	1120.7	1119.2	1119.6	1120.0	1120.5	1120.9	1121.1	1121.4
177.5°	1128.1	1126.8	1125.5	1124.3	1123.0	1123.4	1123.8	1124.3	1124.7	1124.9	1125.2
180°	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9

TEST NUMBER: P998964

CATALOG NUMBER: SA2XXDIP-B675D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1283.6	1283.6	1283.6	1283.6
2.5°	1259.9	1259.9	1274.7	1290.5
5°	1232.3	1239.2	1262.9	1284.6
7.5°	1205.7	1217.5	1247.1	1274.7
10°	1173.1	1188.9	1225.4	1257.9
12.5°	1141.5	1156.3	1198.7	1235.2
15°	1097.1	1115.9	1161.3	1206.6
17.5°	1052.7	1071.5	1126.7	1180.0
20°	1000.4	1025.1	1087.3	1158.3
22.5°	952.1	982.7	1051.7	1109.0
25°	898.8	946.2	1010.3	1084.3
27.5°	851.5	898.8	963.9	1038.9
30°	798.2	846.5	913.6	982.7
32.5°	746.9	791.3	856.4	941.2
35°	693.6	736.0	799.2	885.0
37.5°	645.3	686.7	755.8	834.7
40°	597.9	641.3	700.5	779.4
42.5°	553.5	592.0	645.3	724.2
45°	513.0	540.7	590.0	664.0
47.5°	470.6	495.3	540.7	614.7
50°	431.2	451.9	491.3	560.4
52.5°	392.7	410.4	446.9	502.2
55°	358.1	374.9	401.6	455.8
57.5°	322.6	335.5	361.1	404.5
60°	288.1	299.9	320.7	356.2
62.5°	253.6	263.4	283.2	311.8
65°	223.0	230.9	245.7	270.3
67.5°	193.4	198.3	210.2	229.9
70°	164.8	168.7	178.6	194.4
72.5°	134.2	138.1	149.0	159.8
75°	108.5	109.5	117.4	126.3
77.5°	84.8	83.9	89.8	96.7
80°	58.2	61.2	66.1	69.1
82.5°	39.5	40.5	42.4	44.4
85°	21.7	22.7	22.7	25.7
87.5°	8.9	9.9	9.9	10.9
90°	8.6	6.1	3.5	1.0
92.5°	26.0	24.3	22.6	20.9
95°	55.7	53.6	51.5	49.4
97.5°	88.4	86.5	84.6	82.7
100°	125.8	124.1	122.4	120.7
102.5°	164.4	163.1	161.9	160.6
105°	206.2	205.5	204.9	204.3
107.5°	250.5	249.7	248.8	248.0
110°	293.6	292.3	291.1	289.8



TEST NUMBER: P998964

CATALOG NUMBER: SA2XXDIP-B675D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	339.2	337.9	336.7	335.4
115°	383.9	382.6	381.3	380.0
117.5°	429.8	428.1	426.4	424.7
120°	474.5	472.8	471.1	469.4
122.5°	516.5	514.4	512.3	510.2
125°	558.7	556.8	554.9	553.0
127.5°	601.7	599.4	597.1	594.8
130°	642.0	639.2	636.5	633.7
132.5°	683.7	681.6	679.5	677.4
135°	722.4	720.1	717.7	715.4
137.5°	762.9	761.0	759.1	757.2
140°	800.0	798.1	796.2	794.3
142.5°	838.0	836.1	834.2	832.3
145°	872.9	871.4	869.9	868.4
147.5°	906.4	904.5	902.6	900.7
150°	937.8	936.5	935.3	934.0
152.5°	967.2	965.9	964.7	963.4
155°	994.8	994.1	993.5	992.9
157.5°	1019.8	1019.3	1018.9	1018.5
160°	1042.6	1042.1	1041.7	1041.3
162.5°	1062.2	1062.2	1062.2	1062.2
165°	1079.6	1079.9	1080.1	1080.3
167.5°	1094.5	1095.2	1095.8	1096.4
170°	1106.9	1107.5	1108.2	1108.8
172.5°	1115.4	1116.1	1116.7	1117.3
175°	1122.1	1122.7	1123.4	1124.0
177.5°	1125.9	1126.5	1127.2	1127.8
180°	1125.9	1125.9	1125.9	1125.9

TEST NUMBER: P998964

CATALOG NUMBER: SA2XXDIP-B675D925UB50-4F0-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	16.06	16.86	17.04	17.86	19.17	13.55	14.36	14.53	15.35	16.66
	3H	16.86	17.59	17.86	18.59	19.92	14.89	15.61	15.89	16.62	17.95
	4H	17.03	17.71	18.04	18.72	20.06	15.35	16.03	16.36	17.04	18.38
	6H	17.07	17.70	18.09	18.71	20.06	15.65	16.28	16.67	17.29	18.65
	8H	17.05	17.65	18.08	18.67	20.02	15.74	16.33	16.76	17.36	18.71
	12H	17.01	17.58	18.04	18.60	19.97	15.78	16.34	16.81	17.37	18.74
4H	2H	16.09	16.77	17.11	17.78	19.12	13.99	14.67	15.00	15.68	17.02
	3H	17.07	17.63	18.09	18.67	20.02	15.44	16.01	16.47	17.05	18.40
	4H	17.34	17.86	18.37	18.89	20.26	15.98	16.50	17.01	17.52	18.90
	6H	17.47	17.91	18.51	18.96	20.34	16.35	16.80	17.40	17.85	19.22
	8H	17.47	17.88	18.51	18.93	20.31	16.46	16.88	17.51	17.92	19.31
	12H	17.43	17.80	18.49	18.86	20.25	16.52	16.89	17.58	17.95	19.34
8H	4H	17.35	17.76	18.39	18.81	20.19	16.12	16.53	17.16	17.57	18.96
	6H	17.52	17.87	18.59	18.95	20.34	16.55	16.89	17.61	17.98	19.36
	8H	17.55	17.85	18.63	18.92	20.33	16.70	17.00	17.77	18.07	19.47
	12H	17.54	17.80	18.61	18.86	20.31	16.79	17.05	17.86	18.12	19.56
12H	4H	17.30	17.68	18.36	18.73	20.13	16.09	16.46	17.15	17.52	18.91
	6H	17.50	17.80	18.57	18.87	20.28	16.55	16.85	17.62	17.92	19.32
	8H	17.53	17.80	18.61	18.86	20.31	16.70	16.97	17.78	18.03	19.48