

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: P998937

Luminaire Tested: SA2XXDIP-B675D925UB30-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P998937
REPORT IS A COMBINATION OF REPORTS P984683 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B675D925UB30-4F0-XX-W2A-A1
Description: Define 2 Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

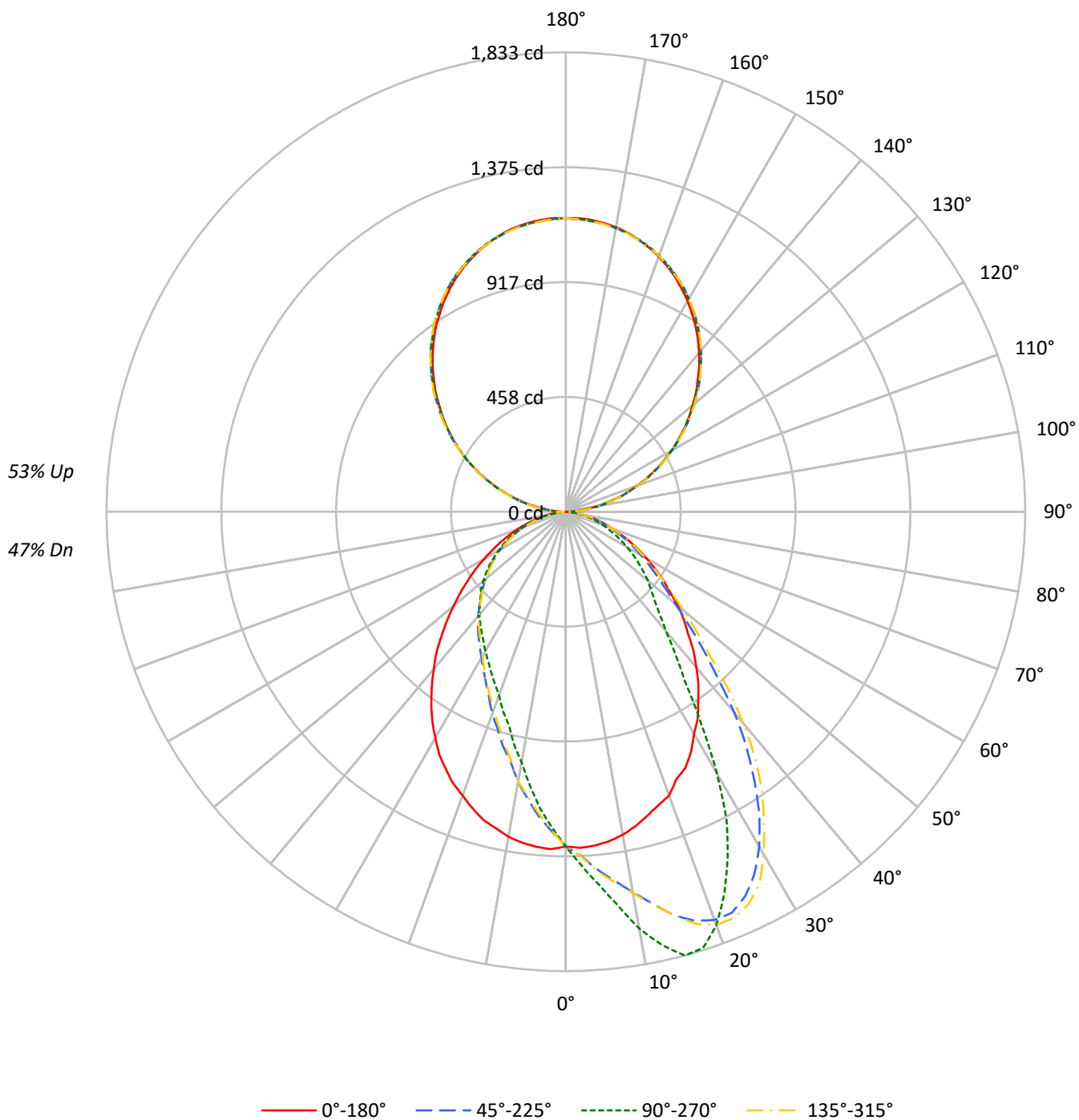
Lumens per Lamp: N/A
Luminaire Lumens: 6223.0 lumens
Efficiency: N/A
Efficacy: 96.6 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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

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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					0
RW	70	50	30	10	70	50	30	10	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	47	47	47
1	98	94	90	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41	41	41
2	89	82	76	71	82	76	71	67	64	60	57	53	50	48	43	41	40	35	35	35
3	82	73	66	60	75	67	61	56	57	52	49	47	44	41	38	36	34	30	30	30
4	75	65	57	51	69	60	53	48	51	46	42	42	39	36	35	32	30	26	26	26
5	69	58	50	44	63	54	47	41	46	40	36	38	34	31	31	29	26	23	23	23
6	64	52	44	38	58	48	41	36	41	36	32	35	31	28	29	26	23	21	21	21
7	59	47	39	34	54	44	37	32	38	32	28	32	28	25	26	23	21	18	18	18
8	55	43	35	30	50	40	33	28	34	29	25	29	25	22	24	21	19	17	17	17
9	51	39	32	27	47	37	30	26	32	26	23	27	23	20	23	19	17	15	15	15
10	48	36	29	24	44	34	27	23	29	24	21	25	21	18	21	18	16	14	14	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	21137	21137	21137	21137
5°	21187	22537	21268	17929
10°	20941	24603	21073	14781
15°	20433	25949	20718	12452
20°	20114	24365	20114	10822
25°	19473	20932	19562	9678
30°	18418	16454	18769	8766
35°	17484	11378	17776	8020
40°	16410	8590	16596	7427
45°	15085	7060	15332	6785
50°	13942	6196	13965	6211
55°	12636	5279	12716	5588
60°	11243	4410	11397	4877
65°	9996	3587	10178	4165
70°	8757	2815	8978	3359
75°	7351	2042	7636	2437
80°	5732	1295	6148	1446
85°	3772	651	4054	482

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 21850 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.2	2.0
10°-20°	370.2	5.9
20°-30°	537.2	8.6
30°-40°	566.3	9.1
40°-50°	501.2	8.1
50°-60°	400.2	6.4
60°-70°	271.8	4.4
70°-80°	139.1	2.2
80°-90°	36.2	0.6
90°-100°	72.4	1.2
100°-110°	230.3	3.7
110°-120°	394.0	6.3
120°-130°	518.2	8.3
130°-140°	581.7	9.3
140°-150°	570.4	9.2
150°-160°	478.5	7.7
160°-170°	317.3	5.1
170°-180°	110.9	1.8
0°-30°	1034.6	16.6
0°-40°	1600.9	25.7
0°-60°	2502.3	40.2
0°-90°	2949.3	47.4
90°-120°	696.7	11.2
90°-150°	2367.0	38.0
90°-180°	3274.0	52.6
0°-180°	6223.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1335	1335	1335	1335	1335	
5°	1336	1491	1341	1186	1336	127
15°	1255	1833	1273	880	1255	355
25°	1128	1527	1133	706	1128	516
35°	921	831	936	586	921	576
45°	691	501	702	481	691	536
55°	474	352	477	373	474	423
65°	281	217	286	252	281	280
75°	131	107	136	127	131	141
85°	27	28	29	20	27	31
90°	1	34	1	34	1	5
95°	51	61	51	61	51	57
105°	212	219	212	219	212	224
115°	395	395	395	395	395	391
125°	575	577	575	577	575	514
135°	744	753	744	753	744	575
145°	903	913	903	913	903	564
155°	1033	1040	1033	1040	1033	475
165°	1124	1124	1124	1124	1124	317
175°	1169	1165	1169	1165	1169	111
180°	1171	1171	1171	1171	1171	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1342.4	1345.5	1350.7	1351.7	1361.9	1370.2	1379.4	1379.4	1382.5	1381.4	1373.2
5°	1336.3	1345.5	1358.9	1370.2	1388.6	1396.8	1409.2	1418.4	1426.6	1432.8	1431.7
7.5°	1326.0	1342.4	1361.9	1383.5	1408.1	1422.5	1440.0	1456.4	1467.7	1477.9	1485.1
10°	1308.6	1336.3	1363.0	1391.7	1423.5	1443.0	1463.6	1485.1	1502.6	1522.1	1540.5
12.5°	1285.0	1325.0	1357.8	1395.8	1434.8	1456.4	1489.2	1505.6	1539.5	1588.8	1602.1
15°	1255.2	1309.6	1340.4	1388.6	1440.0	1457.4	1502.6	1529.2	1599.0	1629.8	1666.8
17.5°	1227.5	1288.1	1329.1	1384.5	1434.8	1468.7	1512.8	1567.2	1625.7	1669.9	1710.9
20°	1204.9	1263.4	1312.7	1374.3	1437.9	1481.0	1527.2	1592.9	1656.5	1701.7	1733.5
22.5°	1153.6	1228.5	1286.0	1354.8	1431.7	1491.3	1535.4	1607.2	1676.0	1703.7	1731.4
25°	1127.9	1192.6	1259.3	1337.3	1427.6	1498.5	1536.4	1616.5	1677.0	1687.3	1693.5
27.5°	1080.7	1153.6	1231.6	1320.9	1426.6	1486.1	1534.4	1607.2	1655.5	1648.3	1629.8
30°	1022.2	1111.5	1197.7	1294.2	1412.2	1476.9	1522.1	1588.8	1613.4	1576.5	1543.6
32.5°	979.1	1063.3	1158.7	1270.6	1395.8	1457.4	1501.5	1553.9	1559.0	1492.3	1436.9
35°	920.6	1014.0	1121.8	1239.8	1368.1	1423.5	1464.6	1496.4	1471.8	1378.4	1312.7
37.5°	868.3	960.7	1075.6	1195.7	1330.1	1384.5	1417.4	1422.5	1361.9	1279.8	1183.4
40°	810.8	906.3	1026.3	1152.6	1288.1	1335.3	1355.8	1340.4	1253.2	1157.7	1045.8
42.5°	753.3	847.8	977.1	1106.4	1234.7	1274.7	1282.9	1240.8	1134.1	1022.2	892.9
45°	690.7	789.3	918.6	1048.9	1173.1	1195.7	1196.7	1136.2	1009.9	892.9	772.8
47.5°	639.4	730.8	859.0	989.4	1094.1	1109.5	1103.3	1033.5	896.0	764.6	659.9
50°	583.0	670.2	797.5	925.8	1015.0	1019.2	1003.8	904.2	769.8	649.7	566.5
52.5°	522.4	610.7	727.7	850.8	930.9	924.7	895.0	788.2	662.0	562.4	498.8
55°	474.2	552.2	662.0	782.1	838.5	821.1	788.2	679.4	579.9	495.7	440.3
57.5°	420.8	489.6	597.3	702.0	734.9	718.4	685.6	584.0	491.6	428.0	391.0
60°	370.5	433.1	527.5	614.8	640.4	623.0	585.0	493.7	427.0	373.6	345.9
62.5°	324.3	378.7	457.7	537.8	548.1	530.6	497.8	423.9	366.4	324.3	303.8
65°	281.2	332.5	396.2	456.7	466.0	447.5	413.6	360.2	312.0	285.3	265.8
67.5°	239.1	280.2	336.6	380.8	385.9	368.5	340.7	297.6	267.9	239.1	224.8
70°	202.2	233.0	277.1	313.0	315.1	298.7	284.3	245.3	222.7	202.2	190.9
72.5°	166.3	187.8	221.7	248.4	249.4	239.1	225.8	201.2	181.7	167.3	156.0
75°	131.4	149.8	170.4	194.0	193.0	184.7	174.5	159.1	142.7	133.4	128.3
77.5°	100.6	111.9	128.3	143.7	143.7	139.6	133.4	122.1	111.9	102.6	97.5
80°	71.8	79.0	92.4	97.5	99.6	98.5	93.4	85.2	81.1	73.9	71.8
82.5°	46.2	51.3	57.5	62.6	65.7	63.6	62.6	58.5	52.3	50.3	48.2
85°	26.7	28.7	31.8	34.9	35.9	34.9	36.9	33.9	30.8	30.8	29.8
87.5°	11.3	12.3	14.4	14.4	15.4	15.4	14.4	15.4	15.4	14.4	13.3
90°	1.0	3.6	6.2	8.9	11.5	12.8	15.2	20.1	24.9	29.8	34.6
92.5°	21.7	23.5	25.2	27.0	28.7	29.6	29.7	29.9	30.2	30.4	30.6
95°	51.4	53.6	55.8	58.0	60.2	61.3	61.5	61.9	62.4	62.8	63.2
97.5°	86.0	88.0	90.0	91.9	93.9	94.9	95.3	96.2	97.1	97.9	98.8
100°	125.5	127.3	129.0	130.8	132.5	133.4	133.7	134.4	135.1	135.7	136.4
102.5°	167.0	168.3	169.6	170.9	172.2	172.9	173.3	174.2	175.1	176.0	176.9
105°	212.4	213.1	213.7	214.4	215.1	215.4	215.6	216.1	216.5	217.0	217.4
107.5°	257.9	258.8	259.7	260.6	261.5	261.9	261.9	261.9	261.9	261.9	261.9
110°	301.4	302.7	304.0	305.3	306.6	307.3	307.3	307.3	307.3	307.3	307.3

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	348.8	350.1	351.4	352.7	354.0	354.7	354.6	354.4	354.1	353.9	353.7
115°	395.2	396.5	397.9	399.2	400.5	401.2	401.0	400.5	400.1	399.6	399.2
117.5°	441.7	443.5	445.2	447.0	448.7	449.6	449.1	448.0	446.9	445.8	444.7
120°	488.1	489.9	491.6	493.4	495.1	496.0	495.1	493.4	491.6	489.9	488.1
122.5°	530.6	532.8	535.0	537.2	539.4	540.5	540.0	538.9	537.8	536.7	535.6
125°	575.1	577.1	579.1	581.0	583.0	584.0	583.7	583.0	582.3	581.7	581.0
127.5°	618.6	621.0	623.4	625.8	628.2	629.4	629.0	628.1	627.2	626.4	625.5
130°	659.1	661.9	664.8	667.6	670.5	671.9	671.7	671.2	670.8	670.3	669.9
132.5°	704.5	706.7	708.9	711.1	713.3	714.4	714.5	714.7	715.0	715.2	715.4
135°	744.1	746.5	748.9	751.3	753.7	754.9	755.1	755.6	756.0	756.5	756.9
137.5°	787.5	789.5	791.5	793.4	795.4	796.4	796.6	797.1	797.5	798.0	798.4
140°	826.1	828.1	830.1	832.0	834.0	835.0	835.5	836.6	837.7	838.8	839.9
142.5°	865.6	867.6	869.6	871.5	873.5	874.5	874.8	875.5	876.1	876.8	877.4
145°	903.1	904.7	906.2	907.8	909.3	910.1	910.8	912.1	913.4	914.7	916.0
147.5°	936.7	938.7	940.7	942.6	944.6	945.6	946.0	946.9	947.8	948.7	949.6
150°	971.3	972.6	973.9	975.2	976.5	977.2	977.6	978.5	979.4	980.3	981.2
152.5°	1002.0	1003.3	1004.6	1005.9	1007.2	1007.9	1008.4	1009.5	1010.6	1011.7	1012.8
155°	1032.6	1033.2	1033.9	1034.5	1035.2	1035.5	1035.8	1036.5	1037.2	1037.8	1038.5
157.5°	1059.3	1059.7	1060.1	1060.6	1061.0	1061.2	1061.4	1061.9	1062.3	1062.8	1063.2
160°	1083.0	1083.4	1083.9	1084.3	1084.8	1085.0	1085.1	1085.3	1085.5	1085.7	1085.9
162.5°	1104.7	1104.7	1104.7	1104.7	1104.7	1104.7	1104.8	1105.0	1105.3	1105.5	1105.7
165°	1123.5	1123.3	1123.1	1122.8	1122.6	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5
167.5°	1140.3	1139.6	1139.0	1138.3	1137.6	1137.3	1137.3	1137.3	1137.3	1137.3	1137.3
170°	1153.1	1152.5	1151.8	1151.2	1150.5	1150.2	1150.1	1149.9	1149.6	1149.4	1149.2
172.5°	1162.0	1161.4	1160.7	1160.1	1159.4	1159.1	1159.0	1158.8	1158.5	1158.3	1158.1
175°	1168.9	1168.3	1167.6	1167.0	1166.3	1166.0	1165.8	1165.3	1164.9	1164.4	1164.0
177.5°	1172.9	1172.2	1171.6	1170.9	1170.2	1169.9	1169.7	1169.3	1168.8	1168.4	1168.0
180°	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1387.6	1388.6	1390.7	1400.9	1406.1	1407.1	1403.0	1412.2	1415.3	1412.2	1410.2
5°	1453.3	1459.5	1471.8	1485.1	1484.1	1485.1	1491.3	1497.4	1499.5	1491.3	1494.3
7.5°	1510.8	1523.1	1536.4	1557.0	1557.0	1567.2	1571.3	1576.5	1588.8	1582.6	1580.6
10°	1576.5	1592.9	1617.5	1650.3	1651.4	1661.6	1671.9	1688.3	1693.5	1689.4	1691.4
12.5°	1658.6	1690.4	1692.4	1728.4	1744.8	1746.8	1763.2	1760.2	1770.4	1770.4	1787.9
15°	1694.5	1743.7	1771.5	1806.4	1816.6	1804.3	1817.6	1832.0	1833.0	1833.0	1832.0
17.5°	1759.1	1778.6	1806.4	1824.8	1828.9	1828.9	1830.0	1836.1	1832.0	1823.8	1830.0
20°	1772.5	1780.7	1791.0	1788.9	1791.0	1780.7	1770.4	1760.2	1761.2	1756.1	1771.5
22.5°	1747.9	1745.8	1722.2	1706.8	1706.8	1686.3	1666.8	1657.5	1648.3	1651.4	1656.5
25°	1686.3	1654.5	1625.7	1603.1	1598.0	1565.2	1538.5	1530.3	1514.9	1527.2	1529.2
27.5°	1587.7	1551.8	1505.6	1486.1	1459.5	1446.1	1427.6	1403.0	1371.2	1389.7	1386.6
30°	1482.0	1428.7	1390.7	1343.5	1301.4	1298.3	1263.4	1222.4	1205.9	1205.9	1215.2
32.5°	1364.0	1293.2	1237.8	1171.1	1130.0	1112.5	1070.5	1029.4	1038.7	1007.9	1019.2
35°	1226.5	1133.1	1063.3	998.6	967.8	947.3	892.9	870.3	845.7	831.3	858.0
37.5°	1095.1	987.3	898.0	827.2	815.9	779.0	742.0	727.7	713.3	719.5	718.4
40°	935.0	839.5	759.5	704.1	684.6	667.1	642.5	625.0	615.8	620.9	622.0
42.5°	790.3	710.2	650.7	611.7	595.3	583.0	570.6	556.3	553.2	553.2	557.3
45°	678.4	612.7	572.7	540.9	531.6	522.4	513.2	507.0	505.0	500.9	503.9
47.5°	589.1	536.8	512.1	488.5	478.3	476.2	468.0	464.9	460.8	459.8	460.8
50°	514.2	481.4	458.8	445.4	438.2	435.2	431.1	424.9	422.9	428.0	425.9
52.5°	461.9	431.1	418.7	405.4	401.3	397.2	391.0	392.1	391.0	389.0	389.0
55°	409.5	390.0	377.7	367.4	366.4	362.3	357.2	355.1	354.1	352.0	355.1
57.5°	367.4	352.0	340.7	331.5	327.4	327.4	322.3	318.2	318.2	317.1	318.2
60°	325.3	310.0	302.8	293.5	290.5	289.4	286.3	284.3	281.2	281.2	281.2
62.5°	286.3	274.0	265.8	257.6	258.6	253.5	249.4	247.3	247.3	248.4	248.4
65°	249.4	241.2	230.9	223.7	221.7	220.7	218.6	217.6	214.5	216.6	216.6
67.5°	215.5	204.2	198.1	195.0	191.9	190.9	188.8	186.8	185.8	184.7	186.8
70°	181.7	172.4	167.3	165.2	162.2	161.1	160.1	157.0	158.1	159.1	160.1
72.5°	150.9	142.7	141.6	135.5	135.5	135.5	131.4	133.4	132.4	130.3	132.4
75°	119.1	114.9	112.9	109.8	110.8	109.8	108.8	105.7	105.7	106.7	107.8
77.5°	94.4	90.3	89.3	86.2	84.2	86.2	84.2	83.1	83.1	84.2	84.2
80°	69.8	67.7	64.7	64.7	64.7	63.6	63.6	63.6	62.6	61.6	62.6
82.5°	46.2	46.2	45.2	44.1	45.2	43.1	44.1	44.1	44.1	44.1	44.1
85°	29.8	28.7	28.7	27.7	27.7	27.7	28.7	26.7	26.7	27.7	27.7
87.5°	13.3	13.3	13.3	14.4	13.3	13.3	13.3	14.4	13.3	13.3	13.3
90°	34.2	33.7	33.3	32.8	32.6	32.7	32.9	33.2	33.4	33.6	33.4
92.5°	30.8	31.0	31.3	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6
95°	63.2	63.2	63.2	63.2	63.2	63.0	62.6	62.1	61.7	61.3	61.7
97.5°	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
100°	136.4	136.4	136.4	136.4	136.4	136.3	136.1	135.8	135.6	135.4	135.6
102.5°	177.1	177.3	177.6	177.8	177.9	177.8	177.6	177.3	177.1	176.9	177.1
105°	217.8	218.3	218.7	219.2	219.4	219.4	219.4	219.4	219.4	219.4	219.4
107.5°	262.1	262.3	262.5	262.7	262.8	262.3	261.2	260.1	259.0	257.9	259.0
110°	307.3	307.3	307.3	307.3	307.3	307.0	306.3	305.6	305.0	304.3	305.0

TEST NUMBER: P998937

CATALOG NUMBER: SA2XXDIP-B675D925UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	353.1	352.4	351.8	351.1	350.8	350.6	350.1	349.7	349.2	348.8	349.2
115°	399.0	398.8	398.5	398.3	398.2	397.9	397.2	396.5	395.9	395.2	395.9
117.5°	444.0	443.4	442.7	442.0	441.7	441.4	440.7	440.0	439.4	438.7	439.4
120°	488.1	488.1	488.1	488.1	488.1	487.8	487.1	486.5	485.8	485.2	485.8
122.5°	534.9	534.3	533.6	532.9	532.6	532.4	531.9	531.5	531.0	530.6	531.0
125°	580.3	579.7	579.0	578.3	578.0	577.9	577.7	577.5	577.3	577.1	577.3
127.5°	624.6	623.7	622.8	621.9	621.5	621.2	620.5	619.9	619.2	618.6	619.2
130°	669.5	669.1	668.6	668.2	668.0	667.6	666.7	665.8	664.9	664.0	664.9
132.5°	714.3	713.2	712.1	711.0	710.5	710.2	709.5	708.8	708.2	707.5	708.2
135°	756.7	756.5	756.2	756.0	755.9	755.6	754.9	754.2	753.6	752.9	753.6
137.5°	798.2	798.0	797.7	797.5	797.4	797.0	796.1	795.2	794.4	793.5	794.4
140°	839.9	839.9	839.9	839.9	839.9	839.5	838.6	837.7	836.8	835.9	836.8
142.5°	877.6	877.8	878.1	878.3	878.4	878.0	877.1	876.2	875.4	874.5	875.4
145°	916.2	916.4	916.7	916.9	917.0	916.6	915.7	914.8	913.9	913.0	913.9
147.5°	950.0	950.5	950.9	951.4	951.6	951.2	950.3	949.4	948.5	947.6	948.5
150°	981.9	982.5	983.2	983.9	984.2	983.9	983.2	982.5	981.9	981.2	981.9
152.5°	1013.7	1014.6	1015.5	1016.4	1016.8	1016.4	1015.5	1014.6	1013.7	1012.8	1013.7
155°	1039.6	1040.7	1041.8	1042.9	1043.5	1043.2	1042.5	1041.8	1041.2	1040.5	1041.2
157.5°	1064.7	1066.3	1067.8	1069.3	1070.1	1069.6	1068.5	1067.4	1066.3	1065.2	1066.3
160°	1087.2	1088.6	1089.9	1091.2	1091.9	1091.5	1090.6	1089.7	1088.8	1087.9	1088.8
162.5°	1107.2	1108.8	1110.3	1111.8	1112.6	1112.1	1111.0	1109.9	1108.8	1107.7	1108.8
165°	1124.0	1125.6	1127.1	1128.6	1129.4	1128.9	1127.8	1126.7	1125.6	1124.5	1125.6
167.5°	1138.8	1140.4	1141.9	1143.4	1144.2	1143.7	1142.6	1141.5	1140.4	1139.3	1140.4
170°	1150.7	1152.3	1153.8	1155.3	1156.1	1155.4	1154.1	1152.8	1151.5	1150.2	1151.5
172.5°	1159.6	1161.2	1162.7	1164.2	1165.0	1164.3	1163.0	1161.7	1160.4	1159.1	1160.4
175°	1165.5	1167.1	1168.6	1170.1	1170.9	1170.2	1168.9	1167.6	1166.3	1165.0	1166.3
177.5°	1169.3	1170.6	1171.9	1173.2	1173.9	1173.2	1171.9	1170.6	1169.3	1168.0	1169.3
180°	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9

TEST NUMBER: P998937

CATALOG NUMBER: SA2XXDIP-B675D925UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1415.3	1408.1	1402.0	1403.0	1408.1	1404.0	1393.8	1380.4	1375.3	1369.1	1375.3
5°	1500.5	1494.3	1482.0	1483.1	1480.0	1475.9	1459.5	1438.9	1438.9	1422.5	1420.5
7.5°	1584.7	1575.4	1567.2	1565.2	1553.9	1545.7	1531.3	1502.6	1491.3	1471.8	1460.5
10°	1679.1	1671.9	1662.7	1651.4	1645.2	1630.8	1607.2	1565.2	1544.6	1518.0	1498.5
12.5°	1774.5	1773.5	1753.0	1730.4	1729.4	1706.8	1690.4	1633.9	1606.2	1570.3	1524.1
15°	1835.1	1830.0	1818.7	1807.4	1810.5	1785.8	1748.9	1682.2	1663.7	1620.6	1571.3
17.5°	1834.1	1834.1	1831.0	1828.9	1825.9	1818.7	1798.1	1754.0	1724.2	1669.9	1623.7
20°	1775.6	1788.9	1792.0	1791.0	1801.2	1806.4	1805.3	1777.6	1754.0	1705.8	1658.6
22.5°	1658.6	1689.4	1702.7	1710.9	1732.5	1743.7	1770.4	1760.2	1754.0	1718.1	1678.1
25°	1549.8	1560.0	1600.1	1602.1	1631.9	1659.6	1686.3	1703.7	1726.3	1713.0	1679.1
27.5°	1409.2	1432.8	1461.5	1483.1	1489.2	1545.7	1589.8	1622.6	1674.0	1678.1	1666.8
30°	1250.1	1261.4	1308.6	1337.3	1370.2	1411.2	1474.8	1531.3	1577.5	1619.6	1633.9
32.5°	1056.1	1102.3	1130.0	1164.9	1193.6	1266.5	1344.5	1417.4	1470.7	1541.6	1572.3
35°	878.5	914.5	961.7	976.0	1028.4	1090.0	1191.6	1285.0	1366.1	1437.9	1500.5
37.5°	731.8	760.5	810.8	833.4	864.2	943.2	1028.4	1144.4	1241.9	1330.1	1408.1
40°	631.2	652.8	690.7	697.9	723.6	795.4	864.2	973.0	1102.3	1221.3	1306.5
42.5°	562.4	572.7	598.4	607.6	624.0	672.3	733.8	836.5	956.5	1079.7	1199.8
45°	513.2	520.4	535.7	544.0	564.5	586.0	636.3	718.4	812.9	937.0	1066.4
47.5°	469.0	478.3	484.4	489.6	500.9	524.5	557.3	617.9	708.2	822.1	947.3
50°	432.1	435.2	446.5	447.5	454.7	470.1	500.9	537.8	609.6	702.0	823.1
52.5°	395.1	398.2	405.4	412.6	415.7	428.0	448.5	479.3	532.7	605.5	713.3
55°	358.2	362.3	369.5	374.6	377.7	388.0	400.3	430.0	472.1	523.4	611.7
57.5°	321.2	330.5	332.5	335.6	340.7	352.0	363.3	380.8	413.6	460.8	525.5
60°	286.3	289.4	296.6	299.7	304.8	311.0	325.3	338.7	362.3	399.2	457.7
62.5°	250.4	257.6	260.7	263.8	267.9	275.1	284.3	298.7	319.2	349.0	395.1
65°	219.6	220.7	226.8	230.9	235.0	240.2	249.4	262.7	275.1	302.8	336.6
67.5°	189.9	191.9	194.0	198.1	203.2	208.3	216.6	223.7	239.1	257.6	284.3
70°	161.1	161.1	166.3	169.3	168.3	174.5	180.6	188.8	200.1	217.6	239.1
72.5°	135.5	134.5	138.6	139.6	141.6	145.7	149.8	158.1	164.2	177.6	194.0
75°	107.8	109.8	111.9	111.9	114.9	118.0	122.1	126.2	133.4	141.6	154.0
77.5°	85.2	85.2	87.2	88.3	91.3	90.3	94.4	98.5	103.7	110.8	120.1
80°	62.6	64.7	64.7	64.7	65.7	66.7	70.8	73.9	77.0	82.1	86.2
82.5°	44.1	44.1	46.2	46.2	46.2	48.2	48.2	49.3	51.3	54.4	57.5
85°	27.7	27.7	27.7	28.7	27.7	28.7	30.8	29.8	30.8	32.8	32.8
87.5°	13.3	13.3	13.3	13.3	13.3	14.4	13.3	14.4	15.4	15.4	15.4
90°	33.2	32.9	32.7	32.6	32.8	33.3	33.7	34.2	34.6	29.8	24.9
92.5°	31.6	31.6	31.6	31.6	31.5	31.3	31.0	30.8	30.6	30.4	30.2
95°	62.1	62.6	63.0	63.2	63.2	63.2	63.2	63.2	63.2	62.8	62.4
97.5°	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	97.9	97.1
100°	135.8	136.1	136.3	136.4	136.4	136.4	136.4	136.4	136.4	135.7	135.1
102.5°	177.3	177.6	177.8	177.9	177.8	177.6	177.3	177.1	176.9	176.0	175.1
105°	219.4	219.4	219.4	219.4	219.2	218.7	218.3	217.8	217.4	217.0	216.5
107.5°	260.1	261.2	262.3	262.8	262.7	262.5	262.3	262.1	261.9	261.9	261.9
110°	305.6	306.3	307.0	307.3	307.3	307.3	307.3	307.3	307.3	307.3	307.3

TEST NUMBER: P998937

CATALOG NUMBER: SA2XXDIP-B675D925UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	349.7	350.1	350.6	350.8	351.1	351.8	352.4	353.1	353.7	353.9	354.1
115°	396.5	397.2	397.9	398.2	398.3	398.5	398.8	399.0	399.2	399.6	400.1
117.5°	440.0	440.7	441.4	441.7	442.0	442.7	443.4	444.0	444.7	445.8	446.9
120°	486.5	487.1	487.8	488.1	488.1	488.1	488.1	488.1	488.1	489.9	491.6
122.5°	531.5	531.9	532.4	532.6	532.9	533.6	534.3	534.9	535.6	536.7	537.8
125°	577.5	577.7	577.9	578.0	578.3	579.0	579.7	580.3	581.0	581.7	582.3
127.5°	619.9	620.5	621.2	621.5	621.9	622.8	623.7	624.6	625.5	626.4	627.2
130°	665.8	666.7	667.6	668.0	668.2	668.6	669.1	669.5	669.9	670.3	670.8
132.5°	708.8	709.5	710.2	710.5	711.0	712.1	713.2	714.3	715.4	715.2	715.0
135°	754.2	754.9	755.6	755.9	756.0	756.2	756.5	756.7	756.9	756.5	756.0
137.5°	795.2	796.1	797.0	797.4	797.5	797.7	798.0	798.2	798.4	798.0	797.5
140°	837.7	838.6	839.5	839.9	839.9	839.9	839.9	839.9	839.9	838.8	837.7
142.5°	876.2	877.1	878.0	878.4	878.3	878.1	877.8	877.6	877.4	876.8	876.1
145°	914.8	915.7	916.6	917.0	916.9	916.7	916.4	916.2	916.0	914.7	913.4
147.5°	949.4	950.3	951.2	951.6	951.4	950.9	950.5	950.0	949.6	948.7	947.8
150°	982.5	983.2	983.9	984.2	983.9	983.2	982.5	981.9	981.2	980.3	979.4
152.5°	1014.6	1015.5	1016.4	1016.8	1016.4	1015.5	1014.6	1013.7	1012.8	1011.7	1010.6
155°	1041.8	1042.5	1043.2	1043.5	1042.9	1041.8	1040.7	1039.6	1038.5	1037.8	1037.2
157.5°	1067.4	1068.5	1069.6	1070.1	1069.3	1067.8	1066.3	1064.7	1063.2	1062.8	1062.3
160°	1089.7	1090.6	1091.5	1091.9	1091.2	1089.9	1088.6	1087.2	1085.9	1085.7	1085.5
162.5°	1109.9	1111.0	1112.1	1112.6	1111.8	1110.3	1108.8	1107.2	1105.7	1105.5	1105.3
165°	1126.7	1127.8	1128.9	1129.4	1128.6	1127.1	1125.6	1124.0	1122.5	1122.5	1122.5
167.5°	1141.5	1142.6	1143.7	1144.2	1143.4	1141.9	1140.4	1138.8	1137.3	1137.3	1137.3
170°	1152.8	1154.1	1155.4	1156.1	1155.3	1153.8	1152.3	1150.7	1149.2	1149.4	1149.6
172.5°	1161.7	1163.0	1164.3	1165.0	1164.2	1162.7	1161.2	1159.6	1158.1	1158.3	1158.5
175°	1167.6	1168.9	1170.2	1170.9	1170.1	1168.6	1167.1	1165.5	1164.0	1164.4	1164.9
177.5°	1170.6	1171.9	1173.2	1173.9	1173.2	1171.9	1170.6	1169.3	1168.0	1168.4	1168.8
180°	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9

TEST NUMBER: P998937

CATALOG NUMBER: SA2XXDIP-B675D925UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1370.2	1365.0	1361.9	1364.0	1357.8	1342.4	1342.4	1347.6	1341.4	1335.3	1326.0
5°	1408.1	1397.9	1391.7	1390.7	1376.3	1351.7	1346.6	1341.4	1328.1	1313.7	1298.3
7.5°	1445.1	1426.6	1416.3	1409.2	1388.6	1356.8	1343.5	1332.2	1310.6	1289.1	1269.6
10°	1475.9	1449.2	1436.9	1425.6	1398.9	1358.9	1337.3	1316.8	1289.1	1261.4	1236.7
12.5°	1500.5	1469.7	1454.3	1437.9	1405.1	1352.7	1326.0	1293.2	1265.5	1228.5	1203.9
15°	1541.6	1477.9	1463.6	1448.2	1414.3	1342.4	1309.6	1272.7	1234.7	1185.4	1158.7
17.5°	1574.4	1489.2	1488.2	1455.3	1411.2	1338.3	1288.1	1239.8	1198.8	1149.5	1107.4
20°	1593.9	1506.7	1490.2	1456.4	1400.9	1310.6	1258.3	1204.9	1160.8	1101.3	1059.2
22.5°	1610.3	1531.3	1488.2	1447.1	1379.4	1301.4	1224.4	1174.1	1113.6	1048.9	1008.9
25°	1616.5	1536.4	1491.3	1444.1	1364.0	1274.7	1187.5	1133.1	1065.3	1006.8	952.4
27.5°	1617.5	1535.4	1480.0	1430.7	1342.4	1239.8	1150.5	1093.0	1018.1	950.4	896.0
30°	1607.2	1524.1	1473.8	1420.5	1321.9	1208.0	1105.4	1041.7	961.7	893.9	837.5
32.5°	1576.5	1501.5	1460.5	1402.0	1295.2	1163.9	1062.3	991.4	907.3	840.6	786.2
35°	1525.1	1473.8	1428.7	1374.3	1260.3	1122.8	1019.2	936.0	850.8	787.2	735.9
37.5°	1461.5	1433.8	1391.7	1338.3	1220.3	1085.9	970.9	878.5	793.4	731.8	681.5
40°	1375.3	1382.5	1341.4	1293.2	1173.1	1035.6	908.3	820.0	740.0	682.5	633.2
42.5°	1281.9	1311.7	1288.1	1241.9	1120.8	980.2	862.1	764.6	686.6	627.1	586.0
45°	1181.3	1232.6	1218.3	1184.4	1066.4	921.7	796.4	702.0	633.2	575.8	539.9
47.5°	1071.5	1144.4	1144.4	1119.7	1005.8	863.1	740.0	643.5	575.8	534.7	499.8
50°	959.6	1041.7	1055.1	1038.7	938.1	796.4	671.2	584.0	525.5	485.5	459.8
52.5°	842.6	938.1	962.7	954.5	866.2	732.8	614.8	529.6	476.2	441.3	418.7
55°	730.8	841.6	868.3	871.4	789.3	663.0	552.2	477.2	425.9	402.3	382.8
57.5°	625.0	731.8	761.5	766.7	711.3	599.4	493.7	428.0	381.8	362.3	346.9
60°	534.7	624.0	663.0	674.3	626.1	525.5	439.3	375.6	340.7	322.3	307.9
62.5°	460.8	532.7	573.7	576.8	555.2	460.8	382.8	329.5	299.7	283.3	276.1
65°	389.0	453.6	478.3	490.6	473.1	399.2	330.5	286.3	262.7	248.4	241.2
67.5°	331.5	372.6	393.1	409.5	392.1	336.6	281.2	245.3	227.8	213.5	209.4
70°	272.0	305.8	321.2	337.7	322.3	280.2	240.2	207.3	191.9	180.6	175.5
72.5°	217.6	244.3	258.6	268.9	259.7	224.8	191.9	169.3	158.1	149.8	146.8
75°	172.4	190.9	199.1	206.3	202.2	175.5	155.0	136.5	126.2	119.1	117.0
77.5°	131.4	144.7	154.0	156.0	150.9	133.4	116.0	104.7	96.5	92.4	90.3
80°	93.4	101.6	106.7	109.8	104.7	97.5	85.2	77.0	69.8	64.7	63.6
82.5°	62.6	66.7	70.8	69.8	67.7	61.6	54.4	50.3	47.2	43.1	43.1
85°	35.9	36.9	39.0	40.0	39.0	34.9	30.8	28.7	26.7	23.6	23.6
87.5°	15.4	16.4	16.4	17.4	15.4	15.4	13.3	11.3	11.3	10.3	9.2
90°	20.1	15.2	12.8	11.5	8.9	6.2	3.6	1.0	3.6	6.2	8.9
92.5°	29.9	29.7	29.6	28.7	27.0	25.2	23.5	21.7	23.5	25.2	27.0
95°	61.9	61.5	61.3	60.2	58.0	55.8	53.6	51.4	53.6	55.8	58.0
97.5°	96.2	95.3	94.9	93.9	91.9	90.0	88.0	86.0	88.0	90.0	91.9
100°	134.4	133.7	133.4	132.5	130.8	129.0	127.3	125.5	127.3	129.0	130.8
102.5°	174.2	173.3	172.9	172.2	170.9	169.6	168.3	167.0	168.3	169.6	170.9
105°	216.1	215.6	215.4	215.1	214.4	213.7	213.1	212.4	213.1	213.7	214.4
107.5°	261.9	261.9	261.9	261.5	260.6	259.7	258.8	257.9	258.8	259.7	260.6
110°	307.3	307.3	307.3	306.6	305.3	304.0	302.7	301.4	302.7	304.0	305.3

TEST NUMBER: P998937

CATALOG NUMBER: SA2XXDIP-B675D925UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	354.4	354.6	354.7	354.0	352.7	351.4	350.1	348.8	350.1	351.4	352.7
115°	400.5	401.0	401.2	400.5	399.2	397.9	396.5	395.2	396.5	397.9	399.2
117.5°	448.0	449.1	449.6	448.7	447.0	445.2	443.5	441.7	443.5	445.2	447.0
120°	493.4	495.1	496.0	495.1	493.4	491.6	489.9	488.1	489.9	491.6	493.4
122.5°	538.9	540.0	540.5	539.4	537.2	535.0	532.8	530.6	532.8	535.0	537.2
125°	583.0	583.7	584.0	583.0	581.0	579.1	577.1	575.1	577.1	579.1	581.0
127.5°	628.1	629.0	629.4	628.2	625.8	623.4	621.0	618.6	621.0	623.4	625.8
130°	671.2	671.7	671.9	670.5	667.6	664.8	661.9	659.1	661.9	664.8	667.6
132.5°	714.7	714.5	714.4	713.3	711.1	708.9	706.7	704.5	706.7	708.9	711.1
135°	755.6	755.1	754.9	753.7	751.3	748.9	746.5	744.1	746.5	748.9	751.3
137.5°	797.1	796.6	796.4	795.4	793.4	791.5	789.5	787.5	789.5	791.5	793.4
140°	836.6	835.5	835.0	834.0	832.0	830.1	828.1	826.1	828.1	830.1	832.0
142.5°	875.5	874.8	874.5	873.5	871.5	869.6	867.6	865.6	867.6	869.6	871.5
145°	912.1	910.8	910.1	909.3	907.8	906.2	904.7	903.1	904.7	906.2	907.8
147.5°	946.9	946.0	945.6	944.6	942.6	940.7	938.7	936.7	938.7	940.7	942.6
150°	978.5	977.6	977.2	976.5	975.2	973.9	972.6	971.3	972.6	973.9	975.2
152.5°	1009.5	1008.4	1007.9	1007.2	1005.9	1004.6	1003.3	1002.0	1003.3	1004.6	1005.9
155°	1036.5	1035.8	1035.5	1035.2	1034.5	1033.9	1033.2	1032.6	1033.2	1033.9	1034.5
157.5°	1061.9	1061.4	1061.2	1061.0	1060.6	1060.1	1059.7	1059.3	1059.7	1060.1	1060.6
160°	1085.3	1085.1	1085.0	1084.8	1084.3	1083.9	1083.4	1083.0	1083.4	1083.9	1084.3
162.5°	1105.0	1104.8	1104.7	1104.7	1104.7	1104.7	1104.7	1104.7	1104.7	1104.7	1104.7
165°	1122.5	1122.5	1122.5	1122.6	1122.8	1123.1	1123.3	1123.5	1123.3	1123.1	1122.8
167.5°	1137.3	1137.3	1137.3	1137.6	1138.3	1139.0	1139.6	1140.3	1139.6	1139.0	1138.3
170°	1149.9	1150.1	1150.2	1150.5	1151.2	1151.8	1152.5	1153.1	1152.5	1151.8	1151.2
172.5°	1158.8	1159.0	1159.1	1159.4	1160.1	1160.7	1161.4	1162.0	1161.4	1160.7	1160.1
175°	1165.3	1165.8	1166.0	1166.3	1167.0	1167.6	1168.3	1168.9	1168.3	1167.6	1167.0
177.5°	1169.3	1169.7	1169.9	1170.2	1170.9	1171.6	1172.2	1172.9	1172.2	1171.6	1170.9
180°	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9

TEST NUMBER: P998937

CATALOG NUMBER: SA2XXDIP-B675D925UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1320.9	1326.0	1325.0	1314.7	1303.4	1294.2	1276.8	1278.8	1272.7	1273.7	1279.8
5°	1288.1	1288.1	1283.9	1269.6	1251.1	1240.8	1221.3	1216.2	1203.9	1202.9	1201.8
7.5°	1253.2	1248.0	1242.9	1222.4	1199.8	1183.4	1156.7	1150.5	1138.2	1130.0	1125.9
10°	1212.1	1204.9	1194.7	1171.1	1143.3	1122.8	1095.1	1086.9	1063.3	1053.0	1046.9
12.5°	1166.9	1162.8	1146.4	1126.9	1081.8	1059.2	1019.2	1027.4	1003.8	983.2	980.2
15°	1121.8	1106.4	1097.2	1065.3	1010.9	1000.7	968.9	952.4	930.9	914.5	914.5
17.5°	1077.7	1054.0	1033.5	999.7	959.6	930.9	907.3	899.1	872.4	856.0	852.9
20°	1019.2	992.5	987.3	939.1	911.4	879.6	857.0	836.5	817.0	809.8	804.6
22.5°	963.7	932.9	924.7	883.7	856.0	824.1	801.6	787.2	772.8	767.7	758.5
25°	904.2	885.7	873.4	829.3	798.5	768.7	753.3	743.1	729.7	728.7	722.5
27.5°	846.7	829.3	817.0	774.9	752.3	724.6	712.3	701.0	693.8	690.7	687.6
30°	797.5	778.0	763.6	732.8	705.1	682.5	672.3	665.1	661.0	655.8	654.8
32.5°	743.1	731.8	712.3	688.7	667.1	645.6	639.4	634.3	628.1	626.1	625.0
35°	696.9	681.5	669.2	642.5	633.2	614.8	607.6	603.5	595.3	593.2	591.2
37.5°	651.7	637.4	624.0	607.6	590.1	579.9	575.8	569.6	565.5	566.5	564.5
40°	606.6	595.3	585.0	567.6	557.3	552.2	544.0	537.8	535.7	536.8	535.7
42.5°	562.4	552.2	546.0	532.7	522.4	517.3	512.1	506.0	509.1	509.1	512.1
45°	522.4	513.2	509.1	498.8	492.6	484.4	479.3	478.3	482.4	481.4	481.4
47.5°	481.4	478.3	473.1	463.9	455.7	450.6	449.5	449.5	453.6	455.7	454.7
50°	449.5	443.4	437.2	430.0	423.9	421.8	418.7	420.8	424.9	424.9	427.0
52.5°	409.5	405.4	403.4	397.2	393.1	393.1	393.1	394.1	397.2	400.3	399.2
55°	374.6	371.5	369.5	366.4	361.3	362.3	361.3	363.3	366.4	369.5	371.5
57.5°	337.7	336.6	334.6	329.5	329.5	328.4	331.5	332.5	337.7	339.7	342.8
60°	304.8	301.7	301.7	297.6	297.6	297.6	300.7	303.8	307.9	308.9	311.0
62.5°	269.9	269.9	268.9	265.8	265.8	268.9	269.9	274.0	276.1	276.1	279.2
65°	237.1	236.1	235.0	236.1	237.1	237.1	240.2	242.2	244.3	245.3	246.3
67.5°	204.2	203.2	205.3	204.2	206.3	210.4	209.4	212.5	215.5	215.5	216.6
70°	173.5	175.5	174.5	176.5	175.5	177.6	180.6	181.7	181.7	182.7	185.8
72.5°	144.7	144.7	144.7	143.7	144.7	146.8	148.8	149.8	151.9	152.9	156.0
75°	117.0	117.0	114.9	117.0	117.0	119.1	121.1	121.1	121.1	123.2	126.2
77.5°	88.3	89.3	88.3	90.3	90.3	91.3	93.4	92.4	94.4	95.4	96.5
80°	64.7	63.6	63.6	63.6	64.7	64.7	66.7	67.7	67.7	70.8	68.8
82.5°	41.1	42.1	41.1	42.1	42.1	43.1	42.1	43.1	44.1	46.2	45.2
85°	23.6	22.6	22.6	23.6	22.6	22.6	23.6	22.6	23.6	22.6	23.6
87.5°	9.2	8.2	8.2	8.2	8.2	7.2	7.2	6.2	6.2	6.2	5.1
90°	11.5	12.8	15.2	20.1	24.9	29.8	34.6	34.2	33.7	33.3	32.8
92.5°	28.7	29.6	29.7	29.9	30.2	30.4	30.6	30.8	31.0	31.3	31.5
95°	60.2	61.3	61.5	61.9	62.4	62.8	63.2	63.2	63.2	63.2	63.2
97.5°	93.9	94.9	95.3	96.2	97.1	97.9	98.8	98.8	98.8	98.8	98.8
100°	132.5	133.4	133.7	134.4	135.1	135.7	136.4	136.4	136.4	136.4	136.4
102.5°	172.2	172.9	173.3	174.2	175.1	176.0	176.9	177.1	177.3	177.6	177.8
105°	215.1	215.4	215.6	216.1	216.5	217.0	217.4	217.8	218.3	218.7	219.2
107.5°	261.5	261.9	261.9	261.9	261.9	261.9	261.9	262.1	262.3	262.5	262.7
110°	306.6	307.3	307.3	307.3	307.3	307.3	307.3	307.3	307.3	307.3	307.3

TEST NUMBER: P998937

CATALOG NUMBER: SA2XXDIP-B675D925UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	354.0	354.7	354.6	354.4	354.1	353.9	353.7	353.1	352.4	351.8	351.1
115°	400.5	401.2	401.0	400.5	400.1	399.6	399.2	399.0	398.8	398.5	398.3
117.5°	448.7	449.6	449.1	448.0	446.9	445.8	444.7	444.0	443.4	442.7	442.0
120°	495.1	496.0	495.1	493.4	491.6	489.9	488.1	488.1	488.1	488.1	488.1
122.5°	539.4	540.5	540.0	538.9	537.8	536.7	535.6	534.9	534.3	533.6	532.9
125°	583.0	584.0	583.7	583.0	582.3	581.7	581.0	580.3	579.7	579.0	578.3
127.5°	628.2	629.4	629.0	628.1	627.2	626.4	625.5	624.6	623.7	622.8	621.9
130°	670.5	671.9	671.7	671.2	670.8	670.3	669.9	669.5	669.1	668.6	668.2
132.5°	713.3	714.4	714.5	714.7	715.0	715.2	715.4	714.3	713.2	712.1	711.0
135°	753.7	754.9	755.1	755.6	756.0	756.5	756.9	756.7	756.5	756.2	756.0
137.5°	795.4	796.4	796.6	797.1	797.5	798.0	798.4	798.2	798.0	797.7	797.5
140°	834.0	835.0	835.5	836.6	837.7	838.8	839.9	839.9	839.9	839.9	839.9
142.5°	873.5	874.5	874.8	875.5	876.1	876.8	877.4	877.6	877.8	878.1	878.3
145°	909.3	910.1	910.8	912.1	913.4	914.7	916.0	916.2	916.4	916.7	916.9
147.5°	944.6	945.6	946.0	946.9	947.8	948.7	949.6	950.0	950.5	950.9	951.4
150°	976.5	977.2	977.6	978.5	979.4	980.3	981.2	981.9	982.5	983.2	983.9
152.5°	1007.2	1007.9	1008.4	1009.5	1010.6	1011.7	1012.8	1013.7	1014.6	1015.5	1016.4
155°	1035.2	1035.5	1035.8	1036.5	1037.2	1037.8	1038.5	1039.6	1040.7	1041.8	1042.9
157.5°	1061.0	1061.2	1061.4	1061.9	1062.3	1062.8	1063.2	1064.7	1066.3	1067.8	1069.3
160°	1084.8	1085.0	1085.1	1085.3	1085.5	1085.7	1085.9	1087.2	1088.6	1089.9	1091.2
162.5°	1104.7	1104.7	1104.8	1105.0	1105.3	1105.5	1105.7	1107.2	1108.8	1110.3	1111.8
165°	1122.6	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1124.0	1125.6	1127.1	1128.6
167.5°	1137.6	1137.3	1137.3	1137.3	1137.3	1137.3	1137.3	1138.8	1140.4	1141.9	1143.4
170°	1150.5	1150.2	1150.1	1149.9	1149.6	1149.4	1149.2	1150.7	1152.3	1153.8	1155.3
172.5°	1159.4	1159.1	1159.0	1158.8	1158.5	1158.3	1158.1	1159.6	1161.2	1162.7	1164.2
175°	1166.3	1166.0	1165.8	1165.3	1164.9	1164.4	1164.0	1165.5	1167.1	1168.6	1170.1
177.5°	1170.2	1169.9	1169.7	1169.3	1168.8	1168.4	1168.0	1169.3	1170.6	1171.9	1173.2
180°	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9

TEST NUMBER: P998937

CATALOG NUMBER: SA2XXDIP-B675D925UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1272.7	1275.7	1268.6	1266.5	1268.6	1261.4	1263.4	1265.5	1265.5	1268.6	1270.6
5°	1198.8	1194.7	1187.5	1185.4	1183.4	1186.4	1184.4	1187.5	1188.5	1195.7	1196.7
7.5°	1125.9	1119.7	1113.6	1107.4	1105.4	1100.2	1105.4	1105.4	1112.5	1110.5	1115.6
10°	1039.7	1038.7	1030.4	1027.4	1023.3	1015.0	1026.3	1023.3	1028.4	1037.6	1039.7
12.5°	976.0	964.8	969.9	955.5	960.7	952.4	953.5	953.5	961.7	962.7	960.7
15°	915.5	906.3	892.9	886.8	883.7	879.6	892.9	893.9	887.8	902.2	897.0
17.5°	853.9	853.9	841.6	838.5	830.3	834.4	832.4	833.4	831.3	841.6	846.7
20°	800.5	795.4	791.3	792.3	782.1	780.0	778.0	780.0	787.2	794.4	796.4
22.5°	757.4	754.4	744.1	746.1	737.9	741.0	739.0	744.1	745.1	745.1	752.3
25°	716.4	712.3	713.3	709.2	706.1	706.1	703.0	706.1	710.2	712.3	713.3
27.5°	685.6	682.5	677.4	674.3	676.4	671.2	675.3	678.4	678.4	676.4	678.4
30°	648.6	650.7	650.7	640.4	644.5	642.5	645.6	647.6	647.6	648.6	646.6
32.5°	624.0	617.9	616.8	615.8	615.8	611.7	611.7	614.8	615.8	616.8	619.9
35°	591.2	591.2	586.0	589.1	585.0	586.0	585.0	586.0	588.1	585.0	588.1
37.5°	561.4	562.4	560.4	562.4	563.5	561.4	559.4	563.5	561.4	561.4	559.4
40°	535.7	534.7	535.7	535.7	535.7	536.8	534.7	534.7	534.7	532.7	530.6
42.5°	514.2	508.0	510.1	511.1	508.0	508.0	509.1	508.0	511.1	505.0	505.0
45°	483.4	481.4	482.4	482.4	484.4	481.4	483.4	484.4	481.4	480.3	478.3
47.5°	455.7	457.7	455.7	457.7	457.7	459.8	455.7	456.7	457.7	453.6	450.6
50°	428.0	428.0	431.1	430.0	431.1	429.0	429.0	428.0	429.0	427.0	423.9
52.5°	402.3	399.2	404.4	403.4	402.3	401.3	400.3	401.3	399.2	397.2	397.2
55°	370.5	370.5	373.6	374.6	374.6	372.6	370.5	371.5	370.5	369.5	368.5
57.5°	344.8	340.7	342.8	343.8	343.8	340.7	342.8	340.7	340.7	341.8	338.7
60°	312.0	312.0	310.0	313.0	313.0	311.0	311.0	312.0	310.0	308.9	307.9
62.5°	277.1	278.1	281.2	282.2	283.3	281.2	279.2	280.2	280.2	277.1	278.1
65°	247.3	249.4	253.5	252.5	250.4	251.5	249.4	250.4	247.3	248.4	245.3
67.5°	218.6	217.6	218.6	218.6	220.7	219.6	217.6	217.6	216.6	219.6	216.6
70°	187.8	187.8	187.8	187.8	188.8	189.9	187.8	185.8	186.8	184.7	183.7
72.5°	156.0	157.0	156.0	158.1	155.0	157.0	157.0	156.0	155.0	155.0	155.0
75°	126.2	128.3	125.2	126.2	125.2	127.3	126.2	126.2	124.2	123.2	124.2
77.5°	96.5	97.5	95.4	96.5	95.4	96.5	96.5	95.4	95.4	95.4	95.4
80°	68.8	69.8	68.8	67.7	66.7	68.8	66.7	67.7	68.8	67.7	69.8
82.5°	44.1	44.1	43.1	44.1	42.1	42.1	43.1	43.1	42.1	44.1	42.1
85°	21.6	21.6	23.6	21.6	20.5	20.5	20.5	21.6	20.5	22.6	21.6
87.5°	5.1	4.1	5.1	5.1	4.1	4.1	5.1	4.1	5.1	6.2	4.1
90°	32.6	32.7	32.9	33.2	33.4	33.6	33.4	33.2	32.9	32.7	32.6
92.5°	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
95°	63.2	63.0	62.6	62.1	61.7	61.3	61.7	62.1	62.6	63.0	63.2
97.5°	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
100°	136.4	136.3	136.1	135.8	135.6	135.4	135.6	135.8	136.1	136.3	136.4
102.5°	177.9	177.8	177.6	177.3	177.1	176.9	177.1	177.3	177.6	177.8	177.9
105°	219.4	219.4	219.4	219.4	219.4	219.4	219.4	219.4	219.4	219.4	219.4
107.5°	262.8	262.3	261.2	260.1	259.0	257.9	259.0	260.1	261.2	262.3	262.8
110°	307.3	307.0	306.3	305.6	305.0	304.3	305.0	305.6	306.3	307.0	307.3

TEST NUMBER: P998937

CATALOG NUMBER: SA2XXDIP-B675D925UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	350.8	350.6	350.1	349.7	349.2	348.8	349.2	349.7	350.1	350.6	350.8
115°	398.2	397.9	397.2	396.5	395.9	395.2	395.9	396.5	397.2	397.9	398.2
117.5°	441.7	441.4	440.7	440.0	439.4	438.7	439.4	440.0	440.7	441.4	441.7
120°	488.1	487.8	487.1	486.5	485.8	485.2	485.8	486.5	487.1	487.8	488.1
122.5°	532.6	532.4	531.9	531.5	531.0	530.6	531.0	531.5	531.9	532.4	532.6
125°	578.0	577.9	577.7	577.5	577.3	577.1	577.3	577.5	577.7	577.9	578.0
127.5°	621.5	621.2	620.5	619.9	619.2	618.6	619.2	619.9	620.5	621.2	621.5
130°	668.0	667.6	666.7	665.8	664.9	664.0	664.9	665.8	666.7	667.6	668.0
132.5°	710.5	710.2	709.5	708.8	708.2	707.5	708.2	708.8	709.5	710.2	710.5
135°	755.9	755.6	754.9	754.2	753.6	752.9	753.6	754.2	754.9	755.6	755.9
137.5°	797.4	797.0	796.1	795.2	794.4	793.5	794.4	795.2	796.1	797.0	797.4
140°	839.9	839.5	838.6	837.7	836.8	835.9	836.8	837.7	838.6	839.5	839.9
142.5°	878.4	878.0	877.1	876.2	875.4	874.5	875.4	876.2	877.1	878.0	878.4
145°	917.0	916.6	915.7	914.8	913.9	913.0	913.9	914.8	915.7	916.6	917.0
147.5°	951.6	951.2	950.3	949.4	948.5	947.6	948.5	949.4	950.3	951.2	951.6
150°	984.2	983.9	983.2	982.5	981.9	981.2	981.9	982.5	983.2	983.9	984.2
152.5°	1016.8	1016.4	1015.5	1014.6	1013.7	1012.8	1013.7	1014.6	1015.5	1016.4	1016.8
155°	1043.5	1043.2	1042.5	1041.8	1041.2	1040.5	1041.2	1041.8	1042.5	1043.2	1043.5
157.5°	1070.1	1069.6	1068.5	1067.4	1066.3	1065.2	1066.3	1067.4	1068.5	1069.6	1070.1
160°	1091.9	1091.5	1090.6	1089.7	1088.8	1087.9	1088.8	1089.7	1090.6	1091.5	1091.9
162.5°	1112.6	1112.1	1111.0	1109.9	1108.8	1107.7	1108.8	1109.9	1111.0	1112.1	1112.6
165°	1129.4	1128.9	1127.8	1126.7	1125.6	1124.5	1125.6	1126.7	1127.8	1128.9	1129.4
167.5°	1144.2	1143.7	1142.6	1141.5	1140.4	1139.3	1140.4	1141.5	1142.6	1143.7	1144.2
170°	1156.1	1155.4	1154.1	1152.8	1151.5	1150.2	1151.5	1152.8	1154.1	1155.4	1156.1
172.5°	1165.0	1164.3	1163.0	1161.7	1160.4	1159.1	1160.4	1161.7	1163.0	1164.3	1165.0
175°	1170.9	1170.2	1168.9	1167.6	1166.3	1165.0	1166.3	1167.6	1168.9	1170.2	1170.9
177.5°	1173.9	1173.2	1171.9	1170.6	1169.3	1168.0	1169.3	1170.6	1171.9	1173.2	1173.9
180°	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9

TEST NUMBER: P998937

CATALOG NUMBER: SA2XXDIP-B675D925UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1267.5	1275.7	1272.7	1261.4	1274.7	1274.7	1283.9	1283.9	1295.2	1299.3	1305.5
5°	1195.7	1201.8	1207.0	1201.8	1211.1	1225.4	1233.7	1240.8	1256.2	1262.4	1271.6
7.5°	1118.7	1130.0	1135.1	1135.1	1150.5	1166.9	1183.4	1193.6	1215.2	1223.4	1232.6
10°	1043.8	1057.1	1067.4	1066.4	1092.0	1102.3	1122.8	1146.4	1168.0	1180.3	1193.6
12.5°	964.8	971.9	986.3	1006.8	1013.0	1031.5	1055.1	1084.8	1123.8	1135.1	1154.6
15°	899.1	918.6	929.9	939.1	953.5	970.9	996.6	1025.3	1064.3	1088.9	1109.5
17.5°	843.6	869.3	876.5	874.4	892.9	919.6	949.4	970.9	1005.8	1035.6	1055.1
20°	798.5	808.8	821.1	826.2	840.6	869.3	898.0	922.7	951.4	975.0	997.6
22.5°	753.3	761.5	771.8	781.0	792.3	808.8	836.5	867.3	895.0	917.5	943.2
25°	716.4	721.5	730.8	737.9	750.3	761.5	781.0	814.9	847.8	861.1	883.7
27.5°	680.5	684.6	690.7	698.9	705.1	716.4	733.8	761.5	795.4	808.8	839.5
30°	648.6	651.7	657.9	662.0	665.1	678.4	691.8	713.3	739.0	757.4	780.0
32.5°	618.9	622.0	628.1	629.1	633.2	640.4	652.8	672.3	694.8	710.2	729.7
35°	586.0	588.1	594.2	596.3	599.4	605.5	614.8	629.1	649.7	661.0	678.4
37.5°	560.4	559.4	563.5	566.5	570.6	573.7	576.8	591.2	606.6	616.8	630.2
40°	532.7	530.6	531.6	535.7	537.8	541.9	541.9	556.3	566.5	574.7	585.0
42.5°	505.0	503.9	501.9	503.9	506.0	507.0	508.0	518.3	528.6	535.7	547.0
45°	477.2	476.2	474.2	475.2	475.2	477.2	480.3	484.4	491.6	497.8	503.9
47.5°	451.6	449.5	446.5	445.4	447.5	447.5	447.5	451.6	458.8	460.8	467.0
50°	424.9	421.8	417.7	415.7	415.7	414.6	416.7	417.7	423.9	425.9	431.1
52.5°	396.2	394.1	390.0	385.9	386.9	384.9	385.9	386.9	389.0	392.1	395.1
55°	367.4	363.3	360.2	359.2	356.1	356.1	353.1	357.2	356.1	357.2	361.3
57.5°	339.7	335.6	330.5	328.4	325.3	324.3	322.3	321.2	322.3	325.3	328.4
60°	306.9	304.8	301.7	298.7	296.6	293.5	291.5	291.5	290.5	290.5	291.5
62.5°	275.1	274.0	269.9	268.9	266.8	264.8	261.7	259.7	259.7	261.7	262.7
65°	244.3	243.2	240.2	239.1	234.0	232.0	230.9	229.9	227.8	227.8	227.8
67.5°	215.5	212.5	212.5	207.3	203.2	201.2	199.1	198.1	198.1	198.1	199.1
70°	183.7	183.7	180.6	177.6	173.5	174.5	171.4	168.3	168.3	166.3	167.3
72.5°	152.9	151.9	148.8	147.8	144.7	141.6	139.6	141.6	138.6	137.5	138.6
75°	123.2	122.1	120.1	118.0	119.1	116.0	112.9	111.9	111.9	109.8	109.8
77.5°	94.4	96.5	92.4	91.3	89.3	87.2	86.2	85.2	85.2	85.2	87.2
80°	65.7	66.7	66.7	64.7	65.7	62.6	62.6	62.6	59.5	60.6	61.6
82.5°	42.1	42.1	41.1	42.1	41.1	41.1	40.0	40.0	39.0	39.0	40.0
85°	23.6	22.6	21.6	23.6	22.6	22.6	21.6	21.6	21.6	21.6	21.6
87.5°	5.1	6.2	6.2	6.2	6.2	7.2	7.2	7.2	8.2	8.2	8.2
90°	32.8	33.3	33.7	34.2	34.6	29.8	24.9	20.1	15.2	12.8	11.5
92.5°	31.5	31.3	31.0	30.8	30.6	30.4	30.2	29.9	29.7	29.6	28.7
95°	63.2	63.2	63.2	63.2	63.2	62.8	62.4	61.9	61.5	61.3	60.2
97.5°	98.8	98.8	98.8	98.8	98.8	97.9	97.1	96.2	95.3	94.9	93.9
100°	136.4	136.4	136.4	136.4	136.4	135.7	135.1	134.4	133.7	133.4	132.5
102.5°	177.8	177.6	177.3	177.1	176.9	176.0	175.1	174.2	173.3	172.9	172.2
105°	219.2	218.7	218.3	217.8	217.4	217.0	216.5	216.1	215.6	215.4	215.1
107.5°	262.7	262.5	262.3	262.1	261.9	261.9	261.9	261.9	261.9	261.9	261.5
110°	307.3	307.3	307.3	307.3	307.3	307.3	307.3	307.3	307.3	307.3	306.6

TEST NUMBER: P998937

CATALOG NUMBER: SA2XXDIP-B675D925UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	351.1	351.8	352.4	353.1	353.7	353.9	354.1	354.4	354.6	354.7	354.0
115°	398.3	398.5	398.8	399.0	399.2	399.6	400.1	400.5	401.0	401.2	400.5
117.5°	442.0	442.7	443.4	444.0	444.7	445.8	446.9	448.0	449.1	449.6	448.7
120°	488.1	488.1	488.1	488.1	488.1	489.9	491.6	493.4	495.1	496.0	495.1
122.5°	532.9	533.6	534.3	534.9	535.6	536.7	537.8	538.9	540.0	540.5	539.4
125°	578.3	579.0	579.7	580.3	581.0	581.7	582.3	583.0	583.7	584.0	583.0
127.5°	621.9	622.8	623.7	624.6	625.5	626.4	627.2	628.1	629.0	629.4	628.2
130°	668.2	668.6	669.1	669.5	669.9	670.3	670.8	671.2	671.7	671.9	670.5
132.5°	711.0	712.1	713.2	714.3	715.4	715.2	715.0	714.7	714.5	714.4	713.3
135°	756.0	756.2	756.5	756.7	756.9	756.5	756.0	755.6	755.1	754.9	753.7
137.5°	797.5	797.7	798.0	798.2	798.4	798.0	797.5	797.1	796.6	796.4	795.4
140°	839.9	839.9	839.9	839.9	839.9	838.8	837.7	836.6	835.5	835.0	834.0
142.5°	878.3	878.1	877.8	877.6	877.4	876.8	876.1	875.5	874.8	874.5	873.5
145°	916.9	916.7	916.4	916.2	916.0	914.7	913.4	912.1	910.8	910.1	909.3
147.5°	951.4	950.9	950.5	950.0	949.6	948.7	947.8	946.9	946.0	945.6	944.6
150°	983.9	983.2	982.5	981.9	981.2	980.3	979.4	978.5	977.6	977.2	976.5
152.5°	1016.4	1015.5	1014.6	1013.7	1012.8	1011.7	1010.6	1009.5	1008.4	1007.9	1007.2
155°	1042.9	1041.8	1040.7	1039.6	1038.5	1037.8	1037.2	1036.5	1035.8	1035.5	1035.2
157.5°	1069.3	1067.8	1066.3	1064.7	1063.2	1062.8	1062.3	1061.9	1061.4	1061.2	1061.0
160°	1091.2	1089.9	1088.6	1087.2	1085.9	1085.7	1085.5	1085.3	1085.1	1085.0	1084.8
162.5°	1111.8	1110.3	1108.8	1107.2	1105.7	1105.5	1105.3	1105.0	1104.8	1104.7	1104.7
165°	1128.6	1127.1	1125.6	1124.0	1122.5	1122.5	1122.5	1122.5	1122.5	1122.5	1122.6
167.5°	1143.4	1141.9	1140.4	1138.8	1137.3	1137.3	1137.3	1137.3	1137.3	1137.3	1137.6
170°	1155.3	1153.8	1152.3	1150.7	1149.2	1149.4	1149.6	1149.9	1150.1	1150.2	1150.5
172.5°	1164.2	1162.7	1161.2	1159.6	1158.1	1158.3	1158.5	1158.8	1159.0	1159.1	1159.4
175°	1170.1	1168.6	1167.1	1165.5	1164.0	1164.4	1164.9	1165.3	1165.8	1166.0	1166.3
177.5°	1173.2	1171.9	1170.6	1169.3	1168.0	1168.4	1168.8	1169.3	1169.7	1169.9	1170.2
180°	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9	1170.9

TEST NUMBER: P998937

CATALOG NUMBER: SA2XXDIP-B675D925UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1335.3	1335.3	1335.3	1335.3
2.5°	1310.6	1310.6	1326.0	1342.4
5°	1281.9	1289.1	1313.7	1336.3
7.5°	1254.2	1266.5	1297.3	1326.0
10°	1220.3	1236.7	1274.7	1308.6
12.5°	1187.5	1202.9	1247.0	1285.0
15°	1141.3	1160.8	1208.0	1255.2
17.5°	1095.1	1114.6	1172.1	1227.5
20°	1040.7	1066.4	1131.0	1204.9
22.5°	990.4	1022.2	1094.1	1153.6
25°	935.0	984.3	1051.0	1127.9
27.5°	885.7	935.0	1002.7	1080.7
30°	830.3	880.6	950.4	1022.2
32.5°	776.9	823.1	890.9	979.1
35°	721.5	765.6	831.3	920.6
37.5°	671.2	714.3	786.2	868.3
40°	622.0	667.1	728.7	810.8
42.5°	575.8	615.8	671.2	753.3
45°	533.7	562.4	613.7	690.7
47.5°	489.6	515.2	562.4	639.4
50°	448.5	470.1	511.1	583.0
52.5°	408.5	427.0	464.9	522.4
55°	372.6	390.0	417.7	474.2
57.5°	335.6	349.0	375.6	420.8
60°	299.7	312.0	333.6	370.5
62.5°	263.8	274.0	294.6	324.3
65°	232.0	240.2	255.6	281.2
67.5°	201.2	206.3	218.6	239.1
70°	171.4	175.5	185.8	202.2
72.5°	139.6	143.7	155.0	166.3
75°	112.9	113.9	122.1	131.4
77.5°	88.3	87.2	93.4	100.6
80°	60.6	63.6	68.8	71.8
82.5°	41.1	42.1	44.1	46.2
85°	22.6	23.6	23.6	26.7
87.5°	9.2	10.3	10.3	11.3
90°	8.9	6.2	3.6	1.0
92.5°	27.0	25.2	23.5	21.7
95°	58.0	55.8	53.6	51.4
97.5°	91.9	90.0	88.0	86.0
100°	130.8	129.0	127.3	125.5
102.5°	170.9	169.6	168.3	167.0
105°	214.4	213.7	213.1	212.4
107.5°	260.6	259.7	258.8	257.9
110°	305.3	304.0	302.7	301.4



TEST NUMBER: P998937

CATALOG NUMBER: SA2XXDIP-B675D925UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	352.7	351.4	350.1	348.8
115°	399.2	397.9	396.5	395.2
117.5°	447.0	445.2	443.5	441.7
120°	493.4	491.6	489.9	488.1
122.5°	537.2	535.0	532.8	530.6
125°	581.0	579.1	577.1	575.1
127.5°	625.8	623.4	621.0	618.6
130°	667.6	664.8	661.9	659.1
132.5°	711.1	708.9	706.7	704.5
135°	751.3	748.9	746.5	744.1
137.5°	793.4	791.5	789.5	787.5
140°	832.0	830.1	828.1	826.1
142.5°	871.5	869.6	867.6	865.6
145°	907.8	906.2	904.7	903.1
147.5°	942.6	940.7	938.7	936.7
150°	975.2	973.9	972.6	971.3
152.5°	1005.9	1004.6	1003.3	1002.0
155°	1034.5	1033.9	1033.2	1032.6
157.5°	1060.6	1060.1	1059.7	1059.3
160°	1084.3	1083.9	1083.4	1083.0
162.5°	1104.7	1104.7	1104.7	1104.7
165°	1122.8	1123.1	1123.3	1123.5
167.5°	1138.3	1139.0	1139.6	1140.3
170°	1151.2	1151.8	1152.5	1153.1
172.5°	1160.1	1160.7	1161.4	1162.0
175°	1167.0	1167.6	1168.3	1168.9
177.5°	1170.9	1171.6	1172.2	1172.9
180°	1170.9	1170.9	1170.9	1170.9

TEST NUMBER: P998937

CATALOG NUMBER: SA2XXDIP-B675D925UB30-4F0-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	16.19	17.00	17.18	17.99	19.31	13.69	14.49	14.67	15.49	16.80
	3H	17.00	17.72	18.00	18.73	20.06	15.03	15.75	16.02	16.75	18.08
	4H	17.17	17.85	18.18	18.86	20.20	15.49	16.17	16.50	17.18	18.52
	6H	17.21	17.84	18.23	18.85	20.20	15.79	16.42	16.81	17.43	18.78
	8H	17.19	17.79	18.21	18.81	20.16	15.87	16.47	16.90	17.50	18.85
	12H	17.15	17.72	18.18	18.74	20.11	15.91	16.48	16.94	17.50	18.88
4H	2H	16.23	16.91	17.24	17.92	19.26	14.13	14.81	15.14	15.82	17.16
	3H	17.20	17.77	18.23	18.81	20.16	15.58	16.15	16.61	17.19	18.54
	4H	17.48	18.00	18.51	19.03	20.40	16.11	16.63	17.15	17.66	19.04
	6H	17.61	18.05	18.65	19.10	20.48	16.49	16.94	17.53	17.99	19.36
	8H	17.60	18.02	18.65	19.06	20.45	16.60	17.02	17.64	18.06	19.45
	12H	17.57	17.94	18.63	19.00	20.39	16.65	17.03	17.71	18.09	19.48
8H	4H	17.48	17.90	18.53	18.94	20.33	16.25	16.67	17.30	17.71	19.10
	6H	17.66	18.00	18.73	19.09	20.47	16.69	17.03	17.75	18.11	19.50
	8H	17.69	17.99	18.76	19.06	20.47	16.84	17.14	17.91	18.21	19.61
	12H	17.67	17.94	18.75	19.00	20.45	16.93	17.19	18.00	18.26	19.70
12H	4H	17.44	17.81	18.50	18.87	20.26	16.22	16.60	17.29	17.66	19.05
	6H	17.64	17.94	18.71	19.01	20.41	16.69	16.99	17.76	18.06	19.46
	8H	17.67	17.93	18.75	19.00	20.44	16.84	17.11	17.92	18.17	19.62