

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: P998724

Luminaire Tested: SA2XXDIP-B675D1080UB50-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P998724
REPORT IS A COMBINATION OF REPORTS P984470 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B675D1080UB50-4F0-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

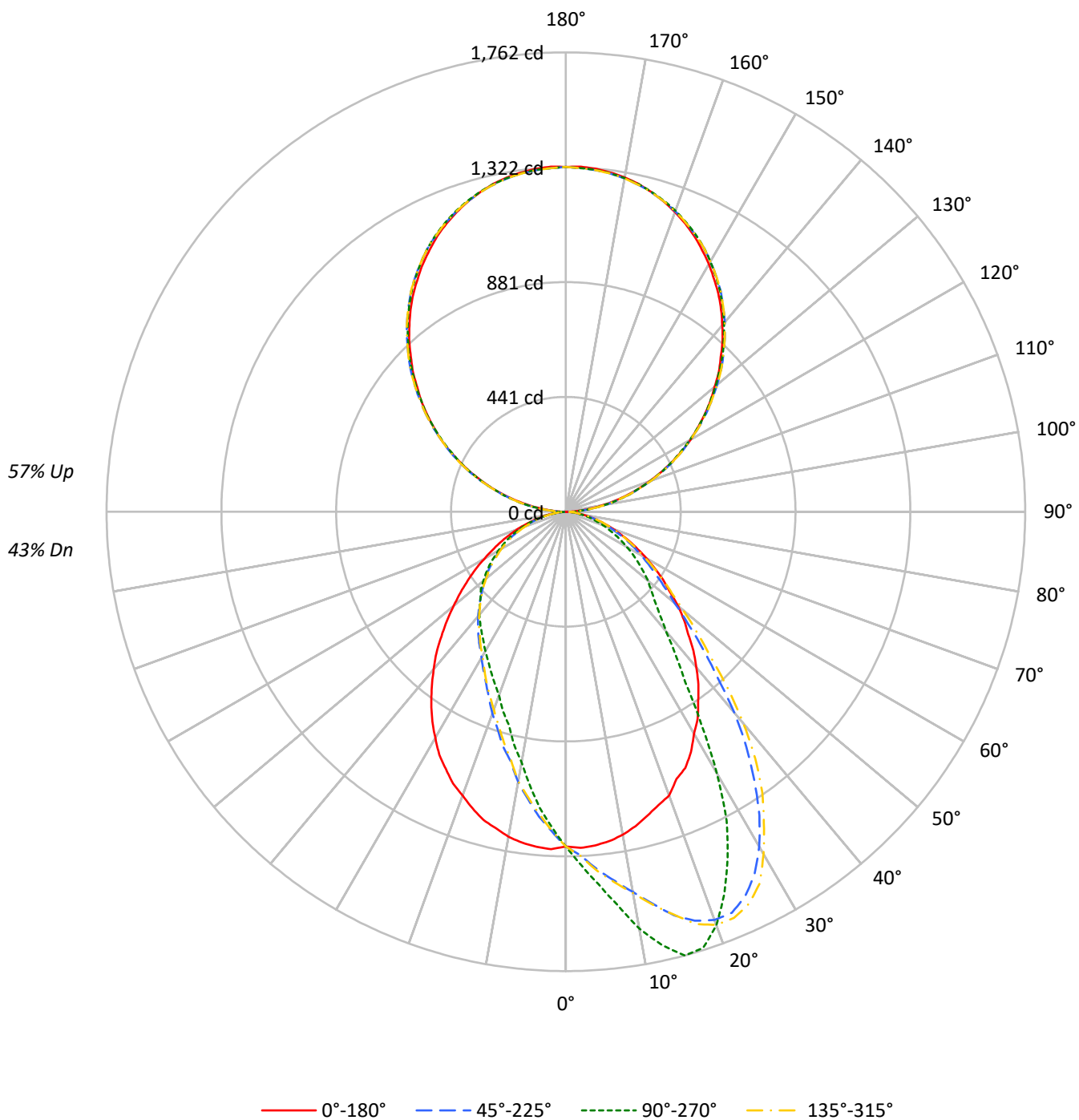
Lumens per Lamp: N/A
Luminaire Lumens: 6534.0 lumens
Efficiency: N/A
Efficacy: 92.2 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 70.9
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	106	106	106	106	97	97	97	97	80	80	80	64	64	64	50	50	50
1	97	93	89	86	88	85	82	79	70	68	66	57	56	54	45	44	43
2	88	81	75	71	81	75	70	65	62	59	55	51	48	46	40	38	37
3	81	72	65	59	74	66	60	55	55	51	47	45	42	39	36	34	32
4	74	64	56	50	68	59	52	47	49	44	40	40	37	34	32	30	28
5	68	57	49	43	62	53	46	41	44	39	35	37	33	30	29	27	25
6	63	51	43	38	57	47	41	35	40	35	31	33	29	26	27	24	22
7	58	46	39	33	53	43	36	31	36	31	27	30	26	23	24	22	20
8	54	42	35	30	50	39	32	28	33	28	24	28	24	21	23	20	18
9	50	39	31	26	46	36	29	25	31	25	22	26	22	19	21	18	16
10	47	35	28	24	43	33	27	22	28	23	20	24	20	17	19	17	15

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

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.3	1.9
10°-20°	355.8	5.4
20°-30°	516.4	7.9
30°-40°	544.4	8.3
40°-50°	481.8	7.4
50°-60°	384.7	5.9
60°-70°	261.3	4.0
70°-80°	133.7	2.0
80°-90°	35.4	0.5
90°-100°	81.8	1.3
100°-110°	260.1	4.0
110°-120°	445.1	6.8
120°-130°	585.4	9.0
130°-140°	657.1	10.1
140°-150°	644.4	9.9
150°-160°	540.5	8.3
160°-170°	358.5	5.5
170°-180°	125.3	1.9
0°-30°	994.6	15.2
0°-40°	1539.0	23.6
0°-60°	2405.4	36.8
0°-90°	2835.8	43.4
90°-120°	787.1	12.0
90°-150°	2673.9	40.9
90°-180°	3698.0	56.6
0°-180°	6534.0	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	38	1	38	1	5
95°	58	69	58	69	58	65
105°	240	248	240	248	240	253
115°	446	446	446	446	446	442
125°	650	652	650	652	650	581
135°	840	851	840	851	840	650
145°	1020	1031	1020	1031	1020	637
155°	1166	1175	1166	1175	1166	537
165°	1269	1270	1269	1270	1269	358
175°	1320	1316	1320	1316	1320	125
180°	1323	1323	1323	1323	1323	

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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°	1.1	4.1	7.1	10.0	13.0	14.5	17.2	22.7	28.2	33.6	39.1
92.5°	24.6	26.6	28.6	30.5	32.5	33.5	33.6	33.9	34.1	34.4	34.6
95°	58.0	60.5	63.0	65.5	68.0	69.2	69.4	69.9	70.4	70.9	71.4
97.5°	97.1	99.3	101.6	103.8	106.1	107.2	107.7	108.7	109.6	110.6	111.6
100°	141.8	143.8	145.8	147.7	149.7	150.7	151.1	151.8	152.5	153.3	154.0
102.5°	188.6	190.1	191.6	193.1	194.6	195.3	195.8	196.8	197.8	198.8	199.8
105°	240.0	240.7	241.5	242.2	242.9	243.3	243.6	244.1	244.6	245.1	245.6
107.5°	291.3	292.3	293.3	294.3	295.3	295.8	295.8	295.8	295.8	295.8	295.8
110°	340.5	342.0	343.5	345.0	346.5	347.2	347.2	347.2	347.2	347.2	347.2

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	394.0	395.5	397.0	398.5	400.0	400.7	400.6	400.3	400.1	399.8	399.6
115°	446.5	448.0	449.5	451.0	452.5	453.2	453.0	452.5	452.0	451.5	451.0
117.5°	499.0	501.0	503.0	504.9	506.9	507.9	507.3	506.0	504.8	503.5	502.3
120°	551.4	553.4	555.4	557.4	559.4	560.4	559.4	557.4	555.4	553.4	551.4
122.5°	599.4	601.9	604.4	606.9	609.4	610.6	610.0	608.7	607.5	606.2	605.0
125°	649.7	651.9	654.1	656.4	658.6	659.7	659.3	658.6	657.9	657.1	656.4
127.5°	698.8	701.5	704.3	707.0	709.7	711.1	710.6	709.6	708.6	707.6	706.6
130°	744.6	747.8	751.0	754.3	757.5	759.1	758.8	758.3	757.8	757.3	756.8
132.5°	795.9	798.4	800.9	803.4	805.9	807.1	807.2	807.5	807.7	808.0	808.2
135°	840.5	843.2	846.0	848.7	851.4	852.8	853.1	853.6	854.1	854.6	855.1
137.5°	889.7	891.9	894.1	896.4	898.6	899.7	899.9	900.4	900.9	901.4	901.9
140°	933.2	935.4	937.6	939.9	942.1	943.2	943.8	945.1	946.3	947.6	948.8
142.5°	977.9	980.1	982.3	984.6	986.8	987.9	988.3	989.0	989.7	990.5	991.2
145°	1020.3	1022.0	1023.8	1025.5	1027.2	1028.1	1028.8	1030.3	1031.8	1033.3	1034.8
147.5°	1058.2	1060.4	1062.7	1064.9	1067.2	1068.3	1068.8	1069.8	1070.7	1071.7	1072.7
150°	1097.3	1098.8	1100.3	1101.8	1103.3	1104.0	1104.5	1105.5	1106.5	1107.5	1108.5
152.5°	1131.9	1133.4	1134.9	1136.4	1137.9	1138.6	1139.2	1140.5	1141.7	1143.0	1144.2
155°	1166.5	1167.2	1168.0	1168.7	1169.4	1169.8	1170.2	1170.9	1171.7	1172.4	1173.2
157.5°	1196.6	1197.1	1197.6	1198.1	1198.6	1198.9	1199.1	1199.6	1200.1	1200.6	1201.1
160°	1223.4	1223.9	1224.4	1224.9	1225.4	1225.7	1225.8	1226.1	1226.3	1226.6	1226.8
162.5°	1248.0	1248.0	1248.0	1248.0	1248.0	1248.0	1248.1	1248.4	1248.6	1248.9	1249.1
165°	1269.2	1269.0	1268.7	1268.5	1268.2	1268.1	1268.1	1268.1	1268.1	1268.1	1268.1
167.5°	1288.2	1287.4	1286.7	1285.9	1285.2	1284.8	1284.8	1284.8	1284.8	1284.8	1284.8
170°	1302.7	1301.9	1301.2	1300.4	1299.7	1299.3	1299.2	1298.9	1298.7	1298.4	1298.2
172.5°	1312.7	1312.0	1311.2	1310.5	1309.8	1309.4	1309.3	1309.0	1308.8	1308.5	1308.3
175°	1320.5	1319.8	1319.0	1318.3	1317.6	1317.2	1317.0	1316.5	1316.0	1315.5	1315.0
177.5°	1325.0	1324.3	1323.5	1322.8	1322.1	1321.7	1321.4	1320.9	1320.4	1319.9	1319.4
180°	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8

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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°	38.6	38.1	37.6	37.1	36.8	36.9	37.2	37.5	37.7	38.0	37.7
92.5°	34.8	35.1	35.3	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7
95°	71.4	71.4	71.4	71.4	71.4	71.2	70.7	70.2	69.7	69.2	69.7
97.5°	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6
100°	154.0	154.0	154.0	154.0	154.0	153.9	153.6	153.4	153.1	152.9	153.1
102.5°	200.0	200.3	200.5	200.8	200.9	200.8	200.5	200.3	200.0	199.8	200.0
105°	246.1	246.6	247.1	247.6	247.8	247.8	247.8	247.8	247.8	247.8	247.8
107.5°	296.0	296.3	296.5	296.8	296.9	296.3	295.0	293.8	292.5	291.3	292.5
110°	347.2	347.2	347.2	347.2	347.2	346.8	346.1	345.3	344.6	343.8	344.6

TEST NUMBER: P998724

CATALOG NUMBER: SA2XXDIP-B675D1080UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	398.9	398.1	397.4	396.7	396.3	396.0	395.5	395.0	394.5	394.0	394.5
115°	450.8	450.5	450.3	450.0	449.9	449.5	448.8	448.0	447.3	446.5	447.3
117.5°	501.6	500.8	500.1	499.4	499.0	498.6	497.9	497.1	496.4	495.6	496.4
120°	551.4	551.4	551.4	551.4	551.4	551.0	550.3	549.6	548.8	548.1	548.8
122.5°	604.3	603.5	602.8	602.1	601.7	601.4	600.9	600.4	599.9	599.4	599.9
125°	655.6	654.9	654.1	653.4	653.0	652.9	652.6	652.4	652.1	651.9	652.1
127.5°	705.6	704.6	703.6	702.6	702.1	701.7	701.0	700.3	699.5	698.8	699.5
130°	756.3	755.8	755.3	754.8	754.6	754.1	753.1	752.1	751.1	750.1	751.1
132.5°	807.0	805.7	804.5	803.2	802.6	802.2	801.5	800.7	800.0	799.2	800.0
135°	854.8	854.6	854.3	854.0	853.9	853.5	852.8	852.1	851.3	850.6	851.3
137.5°	901.7	901.4	901.2	900.9	900.8	900.3	899.3	898.4	897.4	896.4	897.4
140°	948.8	948.8	948.8	948.8	948.8	948.3	947.3	946.4	945.4	944.4	945.4
142.5°	991.5	991.7	992.0	992.3	992.4	991.9	990.9	989.9	988.9	987.9	988.9
145°	1035.0	1035.3	1035.5	1035.8	1035.9	1035.4	1034.4	1033.4	1032.4	1031.4	1032.4
147.5°	1073.2	1073.7	1074.2	1074.7	1075.0	1074.5	1073.5	1072.5	1071.5	1070.5	1071.5
150°	1109.2	1110.0	1110.7	1111.4	1111.8	1111.4	1110.7	1110.0	1109.2	1108.5	1109.2
152.5°	1145.2	1146.2	1147.1	1148.1	1148.6	1148.1	1147.1	1146.2	1145.2	1144.2	1145.2
155°	1174.4	1175.7	1176.9	1178.2	1178.8	1178.4	1177.7	1176.9	1176.2	1175.4	1176.2
157.5°	1202.8	1204.6	1206.3	1208.0	1208.9	1208.3	1207.0	1205.8	1204.5	1203.3	1204.5
160°	1228.3	1229.8	1231.3	1232.8	1233.5	1233.0	1232.0	1231.0	1230.0	1229.0	1230.0
162.5°	1250.8	1252.6	1254.3	1256.0	1256.9	1256.3	1255.0	1253.8	1252.5	1251.3	1252.5
165°	1269.8	1271.6	1273.3	1275.0	1275.9	1275.3	1274.0	1272.8	1271.5	1270.3	1271.5
167.5°	1286.5	1288.3	1290.0	1291.7	1292.6	1292.0	1290.8	1289.5	1288.3	1287.1	1288.3
170°	1299.9	1301.7	1303.4	1305.1	1306.0	1305.3	1303.8	1302.3	1300.8	1299.3	1300.8
172.5°	1310.0	1311.8	1313.5	1315.2	1316.1	1315.4	1313.9	1312.4	1310.9	1309.4	1310.9
175°	1316.7	1318.5	1320.2	1321.9	1322.8	1322.1	1320.6	1319.1	1317.6	1316.1	1317.6
177.5°	1320.9	1322.4	1323.9	1325.4	1326.1	1325.4	1323.9	1322.4	1320.9	1319.4	1320.9
180°	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8

TEST NUMBER: P998724

CATALOG NUMBER: SA2XXDIP-B675D1080UB50-4F0-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°	37.5	37.2	36.9	36.8	37.1	37.6	38.1	38.6	39.1	33.6	28.2
92.5°	35.7	35.7	35.7	35.7	35.6	35.3	35.1	34.8	34.6	34.4	34.1
95°	70.2	70.7	71.2	71.4	71.4	71.4	71.4	71.4	71.4	70.9	70.4
97.5°	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	110.6	109.6
100°	153.4	153.6	153.9	154.0	154.0	154.0	154.0	154.0	154.0	153.3	152.5
102.5°	200.3	200.5	200.8	200.9	200.8	200.5	200.3	200.0	199.8	198.8	197.8
105°	247.8	247.8	247.8	247.8	247.6	247.1	246.6	246.1	245.6	245.1	244.6
107.5°	293.8	295.0	296.3	296.9	296.8	296.5	296.3	296.0	295.8	295.8	295.8
110°	345.3	346.1	346.8	347.2	347.2	347.2	347.2	347.2	347.2	347.2	347.2

TEST NUMBER: P998724

CATALOG NUMBER: SA2XXDIP-B675D1080UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	395.0	395.5	396.0	396.3	396.7	397.4	398.1	398.9	399.6	399.8	400.1
115°	448.0	448.8	449.5	449.9	450.0	450.3	450.5	450.8	451.0	451.5	452.0
117.5°	497.1	497.9	498.6	499.0	499.4	500.1	500.8	501.6	502.3	503.5	504.8
120°	549.6	550.3	551.0	551.4	551.4	551.4	551.4	551.4	551.4	553.4	555.4
122.5°	600.4	600.9	601.4	601.7	602.1	602.8	603.5	604.3	605.0	606.2	607.5
125°	652.4	652.6	652.9	653.0	653.4	654.1	654.9	655.6	656.4	657.1	657.9
127.5°	700.3	701.0	701.7	702.1	702.6	703.6	704.6	705.6	706.6	707.6	708.6
130°	752.1	753.1	754.1	754.6	754.8	755.3	755.8	756.3	756.8	757.3	757.8
132.5°	800.7	801.5	802.2	802.6	803.2	804.5	805.7	807.0	808.2	808.0	807.7
135°	852.1	852.8	853.5	853.9	854.0	854.3	854.6	854.8	855.1	854.6	854.1
137.5°	898.4	899.3	900.3	900.8	900.9	901.2	901.4	901.7	901.9	901.4	900.9
140°	946.4	947.3	948.3	948.8	948.8	948.8	948.8	948.8	948.8	947.6	946.3
142.5°	989.9	990.9	991.9	992.4	992.3	992.0	991.7	991.5	991.2	990.5	989.7
145°	1033.4	1034.4	1035.4	1035.9	1035.8	1035.5	1035.3	1035.0	1034.8	1033.3	1031.8
147.5°	1072.5	1073.5	1074.5	1075.0	1074.7	1074.2	1073.7	1073.2	1072.7	1071.7	1070.7
150°	1110.0	1110.7	1111.4	1111.8	1111.4	1110.7	1110.0	1109.2	1108.5	1107.5	1106.5
152.5°	1146.2	1147.1	1148.1	1148.6	1148.1	1147.1	1146.2	1145.2	1144.2	1143.0	1141.7
155°	1176.9	1177.7	1178.4	1178.8	1178.2	1176.9	1175.7	1174.4	1173.2	1172.4	1171.7
157.5°	1205.8	1207.0	1208.3	1208.9	1208.0	1206.3	1204.6	1202.8	1201.1	1200.6	1200.1
160°	1231.0	1232.0	1233.0	1233.5	1232.8	1231.3	1229.8	1228.3	1226.8	1226.6	1226.3
162.5°	1253.8	1255.0	1256.3	1256.9	1256.0	1254.3	1252.6	1250.8	1249.1	1248.9	1248.6
165°	1272.8	1274.0	1275.3	1275.9	1275.0	1273.3	1271.6	1269.8	1268.1	1268.1	1268.1
167.5°	1289.5	1290.8	1292.0	1292.6	1291.7	1290.0	1288.3	1286.5	1284.8	1284.8	1284.8
170°	1302.3	1303.8	1305.3	1306.0	1305.1	1303.4	1301.7	1299.9	1298.2	1298.4	1298.7
172.5°	1312.4	1313.9	1315.4	1316.1	1315.2	1313.5	1311.8	1310.0	1308.3	1308.5	1308.8
175°	1319.1	1320.6	1322.1	1322.8	1321.9	1320.2	1318.5	1316.7	1315.0	1315.5	1316.0
177.5°	1322.4	1323.9	1325.4	1326.1	1325.4	1323.9	1322.4	1320.9	1319.4	1319.9	1320.4
180°	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8

TEST NUMBER: P998724

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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°	22.7	17.2	14.5	13.0	10.0	7.1	4.1	1.1	4.1	7.1	10.0
92.5°	33.9	33.6	33.5	32.5	30.5	28.6	26.6	24.6	26.6	28.6	30.5
95°	69.9	69.4	69.2	68.0	65.5	63.0	60.5	58.0	60.5	63.0	65.5
97.5°	108.7	107.7	107.2	106.1	103.8	101.6	99.3	97.1	99.3	101.6	103.8
100°	151.8	151.1	150.7	149.7	147.7	145.8	143.8	141.8	143.8	145.8	147.7
102.5°	196.8	195.8	195.3	194.6	193.1	191.6	190.1	188.6	190.1	191.6	193.1
105°	244.1	243.6	243.3	242.9	242.2	241.5	240.7	240.0	240.7	241.5	242.2
107.5°	295.8	295.8	295.8	295.3	294.3	293.3	292.3	291.3	292.3	293.3	294.3
110°	347.2	347.2	347.2	346.5	345.0	343.5	342.0	340.5	342.0	343.5	345.0

TEST NUMBER: P998724

CATALOG NUMBER: SA2XXDIP-B675D1080UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	400.3	400.6	400.7	400.0	398.5	397.0	395.5	394.0	395.5	397.0	398.5
115°	452.5	453.0	453.2	452.5	451.0	449.5	448.0	446.5	448.0	449.5	451.0
117.5°	506.0	507.3	507.9	506.9	504.9	503.0	501.0	499.0	501.0	503.0	504.9
120°	557.4	559.4	560.4	559.4	557.4	555.4	553.4	551.4	553.4	555.4	557.4
122.5°	608.7	610.0	610.6	609.4	606.9	604.4	601.9	599.4	601.9	604.4	606.9
125°	658.6	659.3	659.7	658.6	656.4	654.1	651.9	649.7	651.9	654.1	656.4
127.5°	709.6	710.6	711.1	709.7	707.0	704.3	701.5	698.8	701.5	704.3	707.0
130°	758.3	758.8	759.1	757.5	754.3	751.0	747.8	744.6	747.8	751.0	754.3
132.5°	807.5	807.2	807.1	805.9	803.4	800.9	798.4	795.9	798.4	800.9	803.4
135°	853.6	853.1	852.8	851.4	848.7	846.0	843.2	840.5	843.2	846.0	848.7
137.5°	900.4	899.9	899.7	898.6	896.4	894.1	891.9	889.7	891.9	894.1	896.4
140°	945.1	943.8	943.2	942.1	939.9	937.6	935.4	933.2	935.4	937.6	939.9
142.5°	989.0	988.3	987.9	986.8	984.6	982.3	980.1	977.9	980.1	982.3	984.6
145°	1030.3	1028.8	1028.1	1027.2	1025.5	1023.8	1022.0	1020.3	1022.0	1023.8	1025.5
147.5°	1069.8	1068.8	1068.3	1067.2	1064.9	1062.7	1060.4	1058.2	1060.4	1062.7	1064.9
150°	1105.5	1104.5	1104.0	1103.3	1101.8	1100.3	1098.8	1097.3	1098.8	1100.3	1101.8
152.5°	1140.5	1139.2	1138.6	1137.9	1136.4	1134.9	1133.4	1131.9	1133.4	1134.9	1136.4
155°	1170.9	1170.2	1169.8	1169.4	1168.7	1168.0	1167.2	1166.5	1167.2	1168.0	1168.7
157.5°	1199.6	1199.1	1198.9	1198.6	1198.1	1197.6	1197.1	1196.6	1197.1	1197.6	1198.1
160°	1226.1	1225.8	1225.7	1225.4	1224.9	1224.4	1223.9	1223.4	1223.9	1224.4	1224.9
162.5°	1248.4	1248.1	1248.0	1248.0	1248.0	1248.0	1248.0	1248.0	1248.0	1248.0	1248.0
165°	1268.1	1268.1	1268.1	1268.2	1268.5	1268.7	1269.0	1269.2	1269.0	1268.7	1268.5
167.5°	1284.8	1284.8	1284.8	1285.2	1285.9	1286.7	1287.4	1288.2	1287.4	1286.7	1285.9
170°	1298.9	1299.2	1299.3	1299.7	1300.4	1301.2	1301.9	1302.7	1301.9	1301.2	1300.4
172.5°	1309.0	1309.3	1309.4	1309.8	1310.5	1311.2	1312.0	1312.7	1312.0	1311.2	1310.5
175°	1316.5	1317.0	1317.2	1317.6	1318.3	1319.0	1319.8	1320.5	1319.8	1319.0	1318.3
177.5°	1320.9	1321.4	1321.7	1322.1	1322.8	1323.5	1324.3	1325.0	1324.3	1323.5	1322.8
180°	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8

TEST NUMBER: P998724

CATALOG NUMBER: SA2XXDIP-B675D1080UB50-4F0-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°	13.0	14.5	17.2	22.7	28.2	33.6	39.1	38.6	38.1	37.6	37.1
92.5°	32.5	33.5	33.6	33.9	34.1	34.4	34.6	34.8	35.1	35.3	35.6
95°	68.0	69.2	69.4	69.9	70.4	70.9	71.4	71.4	71.4	71.4	71.4
97.5°	106.1	107.2	107.7	108.7	109.6	110.6	111.6	111.6	111.6	111.6	111.6
100°	149.7	150.7	151.1	151.8	152.5	153.3	154.0	154.0	154.0	154.0	154.0
102.5°	194.6	195.3	195.8	196.8	197.8	198.8	199.8	200.0	200.3	200.5	200.8
105°	242.9	243.3	243.6	244.1	244.6	245.1	245.6	246.1	246.6	247.1	247.6
107.5°	295.3	295.8	295.8	295.8	295.8	295.8	295.8	296.0	296.3	296.5	296.8
110°	346.5	347.2	347.2	347.2	347.2	347.2	347.2	347.2	347.2	347.2	347.2

TEST NUMBER: P998724

CATALOG NUMBER: SA2XXDIP-B675D1080UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	400.0	400.7	400.6	400.3	400.1	399.8	399.6	398.9	398.1	397.4	396.7
115°	452.5	453.2	453.0	452.5	452.0	451.5	451.0	450.8	450.5	450.3	450.0
117.5°	506.9	507.9	507.3	506.0	504.8	503.5	502.3	501.6	500.8	500.1	499.4
120°	559.4	560.4	559.4	557.4	555.4	553.4	551.4	551.4	551.4	551.4	551.4
122.5°	609.4	610.6	610.0	608.7	607.5	606.2	605.0	604.3	603.5	602.8	602.1
125°	658.6	659.7	659.3	658.6	657.9	657.1	656.4	655.6	654.9	654.1	653.4
127.5°	709.7	711.1	710.6	709.6	708.6	707.6	706.6	705.6	704.6	703.6	702.6
130°	757.5	759.1	758.8	758.3	757.8	757.3	756.8	756.3	755.8	755.3	754.8
132.5°	805.9	807.1	807.2	807.5	807.7	808.0	808.2	807.0	805.7	804.5	803.2
135°	851.4	852.8	853.1	853.6	854.1	854.6	855.1	854.8	854.6	854.3	854.0
137.5°	898.6	899.7	899.9	900.4	900.9	901.4	901.9	901.7	901.4	901.2	900.9
140°	942.1	943.2	943.8	945.1	946.3	947.6	948.8	948.8	948.8	948.8	948.8
142.5°	986.8	987.9	988.3	989.0	989.7	990.5	991.2	991.5	991.7	992.0	992.3
145°	1027.2	1028.1	1028.8	1030.3	1031.8	1033.3	1034.8	1035.0	1035.3	1035.5	1035.8
147.5°	1067.2	1068.3	1068.8	1069.8	1070.7	1071.7	1072.7	1073.2	1073.7	1074.2	1074.7
150°	1103.3	1104.0	1104.5	1105.5	1106.5	1107.5	1108.5	1109.2	1110.0	1110.7	1111.4
152.5°	1137.9	1138.6	1139.2	1140.5	1141.7	1143.0	1144.2	1145.2	1146.2	1147.1	1148.1
155°	1169.4	1169.8	1170.2	1170.9	1171.7	1172.4	1173.2	1174.4	1175.7	1176.9	1178.2
157.5°	1198.6	1198.9	1199.1	1199.6	1200.1	1200.6	1201.1	1202.8	1204.6	1206.3	1208.0
160°	1225.4	1225.7	1225.8	1226.1	1226.3	1226.6	1226.8	1228.3	1229.8	1231.3	1232.8
162.5°	1248.0	1248.0	1248.1	1248.4	1248.6	1248.9	1249.1	1250.8	1252.6	1254.3	1256.0
165°	1268.2	1268.1	1268.1	1268.1	1268.1	1268.1	1268.1	1269.8	1271.6	1273.3	1275.0
167.5°	1285.2	1284.8	1284.8	1284.8	1284.8	1284.8	1284.8	1286.5	1288.3	1290.0	1291.7
170°	1299.7	1299.3	1299.2	1298.9	1298.7	1298.4	1298.2	1299.9	1301.7	1303.4	1305.1
172.5°	1309.8	1309.4	1309.3	1309.0	1308.8	1308.5	1308.3	1310.0	1311.8	1313.5	1315.2
175°	1317.6	1317.2	1317.0	1316.5	1316.0	1315.5	1315.0	1316.7	1318.5	1320.2	1321.9
177.5°	1322.1	1321.7	1321.4	1320.9	1320.4	1319.9	1319.4	1320.9	1322.4	1323.9	1325.4
180°	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8

TEST NUMBER: P998724

CATALOG NUMBER: SA2XXDIP-B675D1080UB50-4F0-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°	36.8	36.9	37.2	37.5	37.7	38.0	37.7	37.5	37.2	36.9	36.8
92.5°	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
95°	71.4	71.2	70.7	70.2	69.7	69.2	69.7	70.2	70.7	71.2	71.4
97.5°	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6
100°	154.0	153.9	153.6	153.4	153.1	152.9	153.1	153.4	153.6	153.9	154.0
102.5°	200.9	200.8	200.5	200.3	200.0	199.8	200.0	200.3	200.5	200.8	200.9
105°	247.8	247.8	247.8	247.8	247.8	247.8	247.8	247.8	247.8	247.8	247.8
107.5°	296.9	296.3	295.0	293.8	292.5	291.3	292.5	293.8	295.0	296.3	296.9
110°	347.2	346.8	346.1	345.3	344.6	343.8	344.6	345.3	346.1	346.8	347.2

TEST NUMBER: P998724

CATALOG NUMBER: SA2XXDIP-B675D1080UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	396.3	396.0	395.5	395.0	394.5	394.0	394.5	395.0	395.5	396.0	396.3
115°	449.9	449.5	448.8	448.0	447.3	446.5	447.3	448.0	448.8	449.5	449.9
117.5°	499.0	498.6	497.9	497.1	496.4	495.6	496.4	497.1	497.9	498.6	499.0
120°	551.4	551.0	550.3	549.6	548.8	548.1	548.8	549.6	550.3	551.0	551.4
122.5°	601.7	601.4	600.9	600.4	599.9	599.4	599.9	600.4	600.9	601.4	601.7
125°	653.0	652.9	652.6	652.4	652.1	651.9	652.1	652.4	652.6	652.9	653.0
127.5°	702.1	701.7	701.0	700.3	699.5	698.8	699.5	700.3	701.0	701.7	702.1
130°	754.6	754.1	753.1	752.1	751.1	750.1	751.1	752.1	753.1	754.1	754.6
132.5°	802.6	802.2	801.5	800.7	800.0	799.2	800.0	800.7	801.5	802.2	802.6
135°	853.9	853.5	852.8	852.1	851.3	850.6	851.3	852.1	852.8	853.5	853.9
137.5°	900.8	900.3	899.3	898.4	897.4	896.4	897.4	898.4	899.3	900.3	900.8
140°	948.8	948.3	947.3	946.4	945.4	944.4	945.4	946.4	947.3	948.3	948.8
142.5°	992.4	991.9	990.9	989.9	988.9	987.9	988.9	989.9	990.9	991.9	992.4
145°	1035.9	1035.4	1034.4	1033.4	1032.4	1031.4	1032.4	1033.4	1034.4	1035.4	1035.9
147.5°	1075.0	1074.5	1073.5	1072.5	1071.5	1070.5	1071.5	1072.5	1073.5	1074.5	1075.0
150°	1111.8	1111.4	1110.7	1110.0	1109.2	1108.5	1109.2	1110.0	1110.7	1111.4	1111.8
152.5°	1148.6	1148.1	1147.1	1146.2	1145.2	1144.2	1145.2	1146.2	1147.1	1148.1	1148.6
155°	1178.8	1178.4	1177.7	1176.9	1176.2	1175.4	1176.2	1176.9	1177.7	1178.4	1178.8
157.5°	1208.9	1208.3	1207.0	1205.8	1204.5	1203.3	1204.5	1205.8	1207.0	1208.3	1208.9
160°	1233.5	1233.0	1232.0	1231.0	1230.0	1229.0	1230.0	1231.0	1232.0	1233.0	1233.5
162.5°	1256.9	1256.3	1255.0	1253.8	1252.5	1251.3	1252.5	1253.8	1255.0	1256.3	1256.9
165°	1275.9	1275.3	1274.0	1272.8	1271.5	1270.3	1271.5	1272.8	1274.0	1275.3	1275.9
167.5°	1292.6	1292.0	1290.8	1289.5	1288.3	1287.1	1288.3	1289.5	1290.8	1292.0	1292.6
170°	1306.0	1305.3	1303.8	1302.3	1300.8	1299.3	1300.8	1302.3	1303.8	1305.3	1306.0
172.5°	1316.1	1315.4	1313.9	1312.4	1310.9	1309.4	1310.9	1312.4	1313.9	1315.4	1316.1
175°	1322.8	1322.1	1320.6	1319.1	1317.6	1316.1	1317.6	1319.1	1320.6	1322.1	1322.8
177.5°	1326.1	1325.4	1323.9	1322.4	1320.9	1319.4	1320.9	1322.4	1323.9	1325.4	1326.1
180°	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8

TEST NUMBER: P998724

CATALOG NUMBER: SA2XXDIP-B675D1080UB50-4F0-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°	37.1	37.6	38.1	38.6	39.1	33.6	28.2	22.7	17.2	14.5	13.0
92.5°	35.6	35.3	35.1	34.8	34.6	34.4	34.1	33.9	33.6	33.5	32.5
95°	71.4	71.4	71.4	71.4	71.4	70.9	70.4	69.9	69.4	69.2	68.0
97.5°	111.6	111.6	111.6	111.6	111.6	110.6	109.6	108.7	107.7	107.2	106.1
100°	154.0	154.0	154.0	154.0	154.0	153.3	152.5	151.8	151.1	150.7	149.7
102.5°	200.8	200.5	200.3	200.0	199.8	198.8	197.8	196.8	195.8	195.3	194.6
105°	247.6	247.1	246.6	246.1	245.6	245.1	244.6	244.1	243.6	243.3	242.9
107.5°	296.8	296.5	296.3	296.0	295.8	295.8	295.8	295.8	295.8	295.8	295.3
110°	347.2	347.2	347.2	347.2	347.2	347.2	347.2	347.2	347.2	347.2	346.5

TEST NUMBER: P998724

CATALOG NUMBER: SA2XXDIP-B675D1080UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	396.7	397.4	398.1	398.9	399.6	399.8	400.1	400.3	400.6	400.7	400.0
115°	450.0	450.3	450.5	450.8	451.0	451.5	452.0	452.5	453.0	453.2	452.5
117.5°	499.4	500.1	500.8	501.6	502.3	503.5	504.8	506.0	507.3	507.9	506.9
120°	551.4	551.4	551.4	551.4	551.4	553.4	555.4	557.4	559.4	560.4	559.4
122.5°	602.1	602.8	603.5	604.3	605.0	606.2	607.5	608.7	610.0	610.6	609.4
125°	653.4	654.1	654.9	655.6	656.4	657.1	657.9	658.6	659.3	659.7	658.6
127.5°	702.6	703.6	704.6	705.6	706.6	707.6	708.6	709.6	710.6	711.1	709.7
130°	754.8	755.3	755.8	756.3	756.8	757.3	757.8	758.3	758.8	759.1	757.5
132.5°	803.2	804.5	805.7	807.0	808.2	808.0	807.7	807.5	807.2	807.1	805.9
135°	854.0	854.3	854.6	854.8	855.1	854.6	854.1	853.6	853.1	852.8	851.4
137.5°	900.9	901.2	901.4	901.7	901.9	901.4	900.9	900.4	899.9	899.7	898.6
140°	948.8	948.8	948.8	948.8	948.8	947.6	946.3	945.1	943.8	943.2	942.1
142.5°	992.3	992.0	991.7	991.5	991.2	990.5	989.7	989.0	988.3	987.9	986.8
145°	1035.8	1035.5	1035.3	1035.0	1034.8	1033.3	1031.8	1030.3	1028.8	1028.1	1027.2
147.5°	1074.7	1074.2	1073.7	1073.2	1072.7	1071.7	1070.7	1069.8	1068.8	1068.3	1067.2
150°	1111.4	1110.7	1110.0	1109.2	1108.5	1107.5	1106.5	1105.5	1104.5	1104.0	1103.3
152.5°	1148.1	1147.1	1146.2	1145.2	1144.2	1143.0	1141.7	1140.5	1139.2	1138.6	1137.9
155°	1178.2	1176.9	1175.7	1174.4	1173.2	1172.4	1171.7	1170.9	1170.2	1169.8	1169.4
157.5°	1208.0	1206.3	1204.6	1202.8	1201.1	1200.6	1200.1	1199.6	1199.1	1198.9	1198.6
160°	1232.8	1231.3	1229.8	1228.3	1226.8	1226.6	1226.3	1226.1	1225.8	1225.7	1225.4
162.5°	1256.0	1254.3	1252.6	1250.8	1249.1	1248.9	1248.6	1248.4	1248.1	1248.0	1248.0
165°	1275.0	1273.3	1271.6	1269.8	1268.1	1268.1	1268.1	1268.1	1268.1	1268.1	1268.2
167.5°	1291.7	1290.0	1288.3	1286.5	1284.8	1284.8	1284.8	1284.8	1284.8	1284.8	1285.2
170°	1305.1	1303.4	1301.7	1299.9	1298.2	1298.4	1298.7	1298.9	1299.2	1299.3	1299.7
172.5°	1315.2	1313.5	1311.8	1310.0	1308.3	1308.5	1308.8	1309.0	1309.3	1309.4	1309.8
175°	1321.9	1320.2	1318.5	1316.7	1315.0	1315.5	1316.0	1316.5	1317.0	1317.2	1317.6
177.5°	1325.4	1323.9	1322.4	1320.9	1319.4	1319.9	1320.4	1320.9	1321.4	1321.7	1322.1
180°	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8	1322.8

TEST NUMBER: P998724

CATALOG NUMBER: SA2XXDIP-B675D1080UB50-4F0-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°	10.0	7.1	4.1	1.1
92.5°	30.5	28.6	26.6	24.6
95°	65.5	63.0	60.5	58.0
97.5°	103.8	101.6	99.3	97.1
100°	147.7	145.8	143.8	141.8
102.5°	193.1	191.6	190.1	188.6
105°	242.2	241.5	240.7	240.0
107.5°	294.3	293.3	292.3	291.3
110°	345.0	343.5	342.0	340.5

TEST NUMBER: P998724

CATALOG NUMBER: SA2XXDIP-B675D1080UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	398.5	397.0	395.5	394.0
115°	451.0	449.5	448.0	446.5
117.5°	504.9	503.0	501.0	499.0
120°	557.4	555.4	553.4	551.4
122.5°	606.9	604.4	601.9	599.4
125°	656.4	654.1	651.9	649.7
127.5°	707.0	704.3	701.5	698.8
130°	754.3	751.0	747.8	744.6
132.5°	803.4	800.9	798.4	795.9
135°	848.7	846.0	843.2	840.5
137.5°	896.4	894.1	891.9	889.7
140°	939.9	937.6	935.4	933.2
142.5°	984.6	982.3	980.1	977.9
145°	1025.5	1023.8	1022.0	1020.3
147.5°	1064.9	1062.7	1060.4	1058.2
150°	1101.8	1100.3	1098.8	1097.3
152.5°	1136.4	1134.9	1133.4	1131.9
155°	1168.7	1168.0	1167.2	1166.5
157.5°	1198.1	1197.6	1197.1	1196.6
160°	1224.9	1224.4	1223.9	1223.4
162.5°	1248.0	1248.0	1248.0	1248.0
165°	1268.5	1268.7	1269.0	1269.2
167.5°	1285.9	1286.7	1287.4	1288.2
170°	1300.4	1301.2	1301.9	1302.7
172.5°	1310.5	1311.2	1312.0	1312.7
175°	1318.3	1319.0	1319.8	1320.5
177.5°	1322.8	1323.5	1324.3	1325.0
180°	1322.8	1322.8	1322.8	1322.8

TEST NUMBER: P998724

CATALOG NUMBER: SA2XXDIP-B675D1080UB50-4F0-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	15.66	16.43	16.67	17.46	18.82	13.15	13.93	14.17	14.95	16.31
	3H	16.46	17.16	17.49	18.19	19.57	14.49	15.18	15.52	16.21	17.60
	4H	16.63	17.28	17.67	18.32	19.71	14.95	15.60	15.99	16.64	18.03
	6H	16.67	17.27	17.72	18.31	19.72	15.25	15.85	16.30	16.89	18.30
	8H	16.64	17.22	17.70	18.27	19.67	15.33	15.91	16.39	16.96	18.36
	12H	16.60	17.15	17.66	18.20	19.62	15.37	15.92	16.43	16.96	18.39
4H	2H	15.69	16.34	16.73	17.38	18.77	13.58	14.24	14.63	15.28	16.67
	3H	16.66	17.21	17.71	18.27	19.68	15.04	15.59	16.09	16.65	18.05
	4H	16.93	17.43	17.99	18.49	19.92	15.57	16.07	16.63	17.12	18.55
	6H	17.06	17.49	18.13	18.57	19.99	15.94	16.37	17.01	17.45	18.87
	8H	17.06	17.46	18.13	18.53	19.96	16.05	16.45	17.12	17.52	18.96
	12H	17.02	17.38	18.10	18.46	19.90	16.11	16.47	17.19	17.55	18.99
8H	4H	16.94	17.34	18.01	18.41	19.84	15.71	16.11	16.78	17.18	18.61
	6H	17.11	17.44	18.21	18.55	19.99	16.14	16.47	17.23	17.58	19.01
	8H	17.14	17.43	18.24	18.53	19.98	16.29	16.58	17.39	17.67	19.13
	12H	17.12	17.38	18.23	18.47	19.96	16.38	16.63	17.48	17.72	19.21
12H	4H	16.89	17.25	17.98	18.34	19.78	15.68	16.04	16.76	17.12	18.56
	6H	17.09	17.38	18.19	18.47	19.93	16.14	16.43	17.24	17.52	18.98
	8H	17.12	17.37	18.22	18.46	19.96	16.29	16.55	17.39	17.64	19.13