

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: P998403

Luminaire Tested: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P998403
REPORT IS A COMBINATION OF REPORTS P984143 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B485D1080UB30-4F0-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

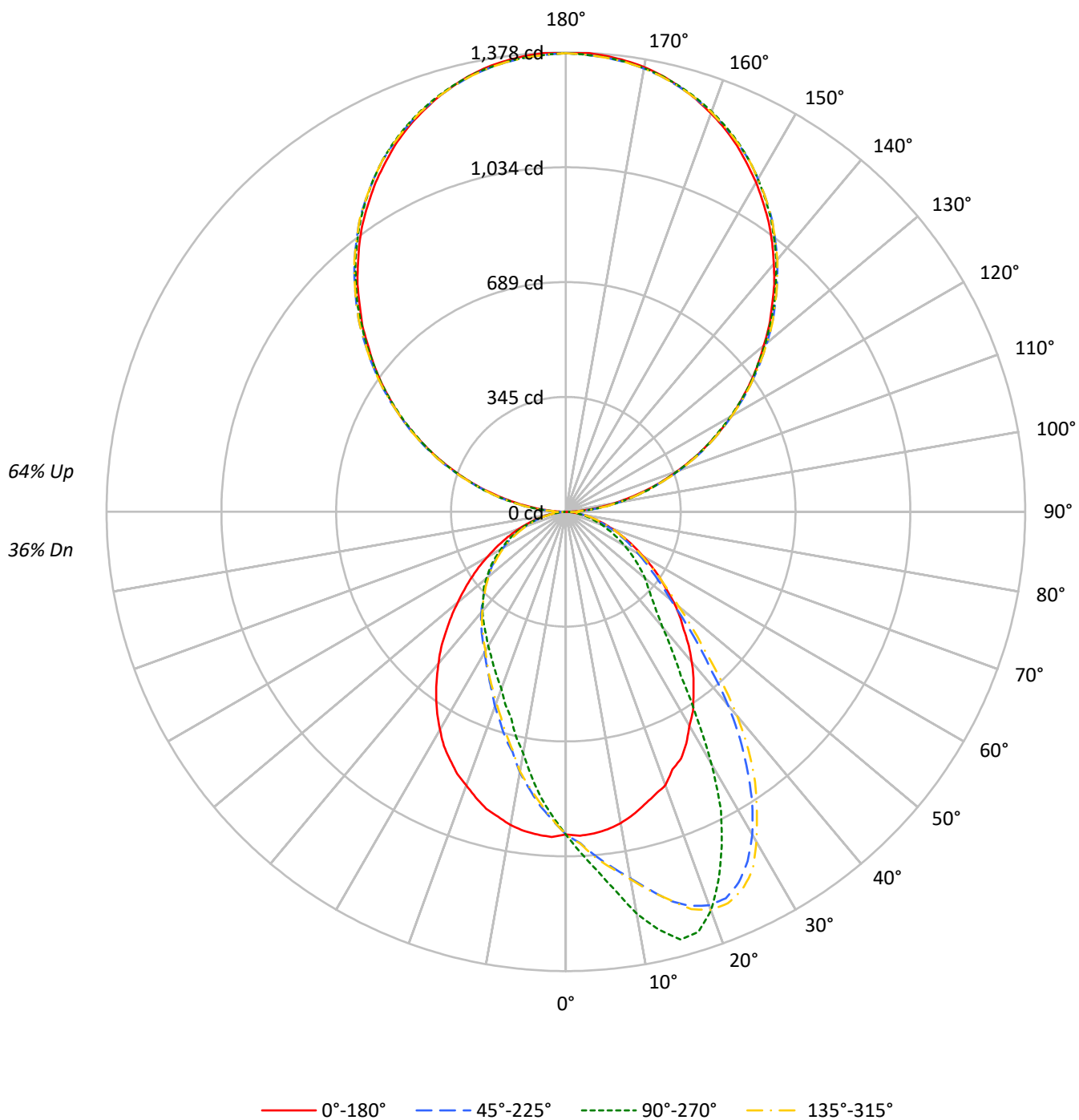
Lumens per Lamp: N/A
Luminaire Lumens: 5985.0 lumens
Efficiency: N/A
Efficacy: 101.4 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 59
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P998403

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A1

Luminous Intensity Polar Plot



TEST NUMBER: P998403

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	104	104	104	104	94	94	94	94	75	75	75	59	59	59	43	43	43
1	95	91	87	84	86	82	79	76	66	64	62	52	51	49	39	38	37
2	87	80	74	69	78	72	67	63	59	55	52	46	44	42	34	33	32
3	79	70	63	58	72	64	58	53	52	48	44	41	38	36	31	29	27
4	73	62	55	49	66	57	50	45	46	42	38	37	33	31	28	26	24
5	67	56	48	42	60	51	44	39	42	37	33	33	30	27	25	23	21
6	61	50	42	37	56	46	39	34	38	33	29	30	26	24	23	20	19
7	57	45	38	32	51	41	35	30	34	29	25	27	24	21	21	19	17
8	53	41	34	28	48	38	31	26	31	26	23	25	21	19	19	17	15
9	49	37	30	25	45	34	28	24	29	24	20	23	19	17	18	15	14
10	46	34	27	23	42	32	25	21	26	22	18	21	18	15	17	14	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15318	15318	15318	15318
5°	15354	16332	15413	12993
10°	15176	17829	15272	10713
15°	14809	18805	15014	9023
20°	14577	17657	14577	7843
25°	14112	15170	14178	7013
30°	13348	11925	13604	6353
35°	12671	8246	12882	5813
40°	11892	6226	12028	5382
45°	10933	5116	11112	4916
50°	10103	4491	10120	4501
55°	9156	3826	9217	4049
60°	8148	3196	8260	3535
65°	7245	2599	7376	3018
70°	6344	2040	6505	2434
75°	5326	1481	5533	1765
80°	4160	938	4455	1047
85°	2726	473	2938	350

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 15834 cd/sqm

TEST NUMBER: P998403

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.2	1.5
10°-20°	268.3	4.5
20°-30°	389.3	6.5
30°-40°	410.4	6.9
40°-50°	363.2	6.1
50°-60°	290.0	4.8
60°-70°	197.0	3.3
70°-80°	100.8	1.7
80°-90°	27.7	0.5
90°-100°	85.1	1.4
100°-110°	270.5	4.5
110°-120°	462.9	7.7
120°-130°	608.8	10.2
130°-140°	683.4	11.4
140°-150°	670.1	11.2
150°-160°	562.1	9.4
160°-170°	372.8	6.2
170°-180°	130.3	2.2
0°-30°	749.8	12.5
0°-40°	1160.2	19.4
0°-60°	1813.4	30.3
0°-90°	2138.9	35.7
90°-120°	818.5	13.7
90°-150°	2780.8	46.5
90°-180°	3846.0	64.3
0°-180°	5985.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	968	968	968	968	968	
5°	968	1081	972	860	968	92
15°	910	1328	922	637	910	257
25°	817	1107	821	512	817	374
35°	667	602	678	425	667	417
45°	501	363	509	349	501	388
55°	344	255	346	270	344	307
65°	204	157	208	182	204	203
75°	95	77	99	92	95	102
85°	19	20	21	15	19	23
90°	1	40	1	40	1	5
95°	60	72	60	72	60	67
105°	250	258	250	258	250	264
115°	464	464	464	464	464	459
125°	676	678	676	678	676	604
135°	874	885	874	885	874	675
145°	1061	1073	1061	1073	1061	663
155°	1213	1222	1213	1222	1213	558
165°	1320	1321	1320	1321	1320	372
175°	1373	1369	1373	1369	1373	130
180°	1376	1376	1376	1376	1376	

TEST NUMBER: P998403

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7
2.5°	972.9	975.1	978.8	979.6	987.0	993.0	999.7	999.7	1001.9	1001.2	995.2
5°	968.4	975.1	984.8	993.0	1006.4	1012.3	1021.2	1027.9	1033.9	1038.3	1037.6
7.5°	961.0	972.9	987.0	1002.6	1020.5	1030.9	1043.5	1055.4	1063.6	1071.1	1076.3
10°	948.3	968.4	987.8	1008.6	1031.6	1045.8	1060.7	1076.3	1088.9	1103.1	1116.4
12.5°	931.2	960.2	984.0	1011.6	1039.8	1055.4	1079.3	1091.2	1115.7	1151.4	1161.1
15°	909.7	949.1	971.4	1006.4	1043.5	1056.2	1088.9	1108.3	1158.8	1181.2	1207.9
17.5°	889.6	933.5	963.2	1003.4	1039.8	1064.4	1096.4	1135.8	1178.2	1210.2	1239.9
20°	873.2	915.6	951.3	995.9	1042.1	1073.3	1106.8	1154.4	1200.5	1233.2	1256.3
22.5°	836.0	890.3	932.0	981.8	1037.6	1080.7	1112.7	1164.8	1214.6	1234.7	1254.8
25°	817.4	864.3	912.6	969.2	1034.6	1085.9	1113.5	1171.5	1215.4	1222.8	1227.3
27.5°	783.2	836.0	892.6	957.3	1033.9	1077.0	1112.0	1164.8	1199.7	1194.5	1181.2
30°	740.8	805.5	868.0	937.9	1023.5	1070.3	1103.1	1151.4	1169.3	1142.5	1118.7
32.5°	709.6	770.6	839.7	920.8	1011.6	1056.2	1088.2	1126.1	1129.8	1081.5	1041.3
35°	667.2	734.9	813.0	898.5	991.5	1031.6	1061.4	1084.5	1066.6	998.9	951.3
37.5°	629.3	696.2	779.5	866.5	964.0	1003.4	1027.2	1030.9	987.0	927.5	857.6
40°	587.6	656.8	743.8	835.3	933.5	967.7	982.6	971.4	908.2	839.0	757.9
42.5°	545.9	614.4	708.1	801.8	894.8	923.8	929.7	899.3	821.9	740.8	647.1
45°	500.6	572.0	665.7	760.2	850.2	866.5	867.3	823.4	731.9	647.1	560.1
47.5°	463.4	529.6	622.6	717.0	792.9	804.0	799.6	749.0	649.3	554.1	478.3
50°	422.5	485.7	577.9	670.9	735.6	738.6	727.4	655.3	557.8	470.8	410.6
52.5°	378.6	442.6	527.4	616.6	674.6	670.2	648.6	571.2	479.7	407.6	361.5
55°	343.6	400.2	479.7	566.8	607.7	595.0	571.2	492.4	420.2	359.3	319.1
57.5°	305.0	354.8	432.9	508.8	532.6	520.7	496.9	423.2	356.3	310.2	283.4
60°	268.5	313.9	382.3	445.5	464.1	451.5	424.0	357.8	309.4	270.7	250.7
62.5°	235.0	274.5	331.7	389.8	397.2	384.5	360.7	307.2	265.5	235.0	220.2
65°	203.8	241.0	287.1	331.0	337.7	324.3	299.8	261.1	226.1	206.8	192.6
67.5°	173.3	203.1	244.0	275.9	279.7	267.0	246.9	215.7	194.1	173.3	162.9
70°	146.5	168.8	200.8	226.9	228.3	216.4	206.0	177.8	161.4	146.5	138.3
72.5°	120.5	136.1	160.7	180.0	180.7	173.3	163.6	145.8	131.7	121.2	113.1
75°	95.2	108.6	123.5	140.6	139.8	133.9	126.4	115.3	103.4	96.7	93.0
77.5°	72.9	81.1	93.0	104.1	104.1	101.2	96.7	88.5	81.1	74.4	70.7
80°	52.1	57.3	66.9	70.7	72.1	71.4	67.7	61.7	58.8	53.6	52.1
82.5°	33.5	37.2	41.7	45.4	47.6	46.1	45.4	42.4	37.9	36.4	35.0
85°	19.3	20.8	23.1	25.3	26.0	25.3	26.8	24.5	22.3	22.3	21.6
87.5°	8.2	8.9	10.4	10.4	11.2	11.2	10.4	11.2	11.2	10.4	9.7
90°	1.2	4.3	7.4	10.5	13.6	15.1	17.9	23.6	29.3	34.9	40.6
92.5°	25.5	27.6	29.6	31.7	33.8	34.8	34.9	35.2	35.5	35.7	36.0
95°	60.4	63.0	65.6	68.1	70.7	72.0	72.3	72.8	73.3	73.8	74.3
97.5°	101.0	103.3	105.6	107.9	110.2	111.4	111.9	113.0	114.0	115.1	116.1
100°	147.4	149.5	151.5	153.6	155.7	156.7	157.1	157.9	158.6	159.4	160.2
102.5°	196.2	197.8	199.3	200.9	202.4	203.2	203.7	204.7	205.8	206.8	207.8
105°	249.6	250.4	251.2	251.9	252.7	253.1	253.4	253.9	254.4	254.9	255.4
107.5°	303.0	304.0	305.0	306.1	307.1	307.6	307.6	307.6	307.6	307.6	307.6
110°	354.1	355.6	357.2	358.7	360.2	361.0	361.0	361.0	361.0	361.0	361.0

TEST NUMBER: P998403

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	409.8	411.4	412.9	414.5	416.0	416.8	416.7	416.4	416.1	415.9	415.6
115°	464.4	465.9	467.5	469.0	470.5	471.3	471.0	470.5	470.0	469.5	469.0
117.5°	518.9	521.0	523.0	525.1	527.2	528.2	527.6	526.3	525.0	523.7	522.4
120°	573.5	575.6	577.6	579.7	581.8	582.8	581.8	579.7	577.6	575.6	573.5
122.5°	623.4	626.0	628.6	631.1	633.7	635.0	634.4	633.1	631.8	630.5	629.2
125°	675.6	677.9	680.3	682.6	684.9	686.1	685.7	684.9	684.2	683.4	682.6
127.5°	726.7	729.5	732.4	735.2	738.1	739.5	739.0	737.9	736.9	735.8	734.8
130°	774.3	777.7	781.0	784.4	787.7	789.4	789.1	788.6	788.1	787.6	787.1
132.5°	827.7	830.3	832.9	835.4	838.0	839.3	839.4	839.7	840.0	840.2	840.5
135°	874.2	877.0	879.8	882.7	885.5	886.9	887.2	887.7	888.2	888.7	889.2
137.5°	925.2	927.5	929.9	932.2	934.5	935.7	936.0	936.5	937.0	937.5	938.0
140°	970.5	972.8	975.2	977.5	979.8	981.0	981.6	982.9	984.2	985.5	986.8
142.5°	1016.9	1019.2	1021.6	1023.9	1026.2	1027.4	1027.8	1028.6	1029.3	1030.1	1030.9
145°	1061.1	1062.9	1064.7	1066.5	1068.3	1069.2	1070.0	1071.5	1073.0	1074.6	1076.1
147.5°	1100.5	1102.8	1105.2	1107.5	1109.8	1111.0	1111.5	1112.5	1113.6	1114.6	1115.6
150°	1141.2	1142.7	1144.3	1145.8	1147.3	1148.1	1148.6	1149.7	1150.7	1151.8	1152.8
152.5°	1177.1	1178.7	1180.2	1181.8	1183.3	1184.1	1184.7	1186.0	1187.3	1188.6	1189.9
155°	1213.1	1213.9	1214.7	1215.4	1216.2	1216.6	1217.0	1217.8	1218.5	1219.3	1220.1
157.5°	1244.5	1245.0	1245.5	1246.0	1246.5	1246.8	1247.1	1247.6	1248.1	1248.6	1249.1
160°	1272.3	1272.8	1273.4	1273.9	1274.4	1274.7	1274.8	1275.1	1275.3	1275.6	1275.8
162.5°	1297.9	1297.9	1297.9	1297.9	1297.9	1297.9	1298.0	1298.3	1298.5	1298.8	1299.0
165°	1319.9	1319.7	1319.4	1319.2	1318.9	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8
167.5°	1339.7	1338.9	1338.1	1337.4	1336.6	1336.2	1336.2	1336.2	1336.2	1336.2	1336.2
170°	1354.8	1354.0	1353.2	1352.5	1351.7	1351.3	1351.2	1350.9	1350.6	1350.4	1350.1
172.5°	1365.2	1364.4	1363.6	1362.9	1362.1	1361.7	1361.6	1361.3	1361.1	1360.8	1360.6
175°	1373.3	1372.5	1371.8	1371.0	1370.3	1369.9	1369.6	1369.1	1368.6	1368.0	1367.5
177.5°	1378.0	1377.2	1376.4	1375.7	1374.9	1374.5	1374.2	1373.7	1373.2	1372.7	1372.2
180°	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7

TEST NUMBER: P998403

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7
2.5°	1005.6	1006.4	1007.8	1015.3	1019.0	1019.7	1016.8	1023.5	1025.7	1023.5	1022.0
5°	1053.2	1057.7	1066.6	1076.3	1075.5	1076.3	1080.7	1085.2	1086.7	1080.7	1083.0
7.5°	1094.9	1103.8	1113.5	1128.3	1128.3	1135.8	1138.8	1142.5	1151.4	1146.9	1145.4
10°	1142.5	1154.4	1172.2	1196.0	1196.8	1204.2	1211.6	1223.5	1227.3	1224.3	1225.8
12.5°	1202.0	1225.0	1226.5	1252.6	1264.5	1265.9	1277.8	1275.6	1283.1	1283.1	1295.7
15°	1228.0	1263.7	1283.8	1309.1	1316.5	1307.6	1317.3	1327.7	1328.4	1328.4	1327.7
17.5°	1274.9	1289.0	1309.1	1322.5	1325.4	1325.4	1326.2	1330.7	1327.7	1321.7	1326.2
20°	1284.5	1290.5	1297.9	1296.4	1297.9	1290.5	1283.1	1275.6	1276.4	1272.6	1283.8
22.5°	1266.7	1265.2	1248.1	1236.9	1236.9	1222.1	1207.9	1201.2	1194.5	1196.8	1200.5
25°	1222.1	1199.0	1178.2	1161.8	1158.1	1134.3	1115.0	1109.0	1097.8	1106.8	1108.3
27.5°	1150.7	1124.6	1091.2	1077.0	1057.7	1048.0	1034.6	1016.8	993.7	1007.1	1004.9
30°	1074.0	1035.4	1007.8	973.6	943.1	940.9	915.6	885.9	874.0	874.0	880.7
32.5°	988.5	937.2	897.0	848.7	818.9	806.3	775.8	746.0	752.7	730.4	738.6
35°	888.8	821.2	770.6	723.7	701.4	686.5	647.1	630.7	612.9	602.5	621.8
37.5°	793.6	715.5	650.8	599.5	591.3	564.5	537.8	527.4	516.9	521.4	520.7
40°	677.6	608.4	550.4	510.2	496.1	483.5	465.6	453.0	446.3	450.0	450.7
42.5°	572.7	514.7	471.6	443.3	431.4	422.5	413.6	403.1	400.9	400.9	403.9
45°	491.7	444.0	415.0	392.0	385.3	378.6	371.9	367.4	365.9	363.0	365.2
47.5°	426.9	389.0	371.2	354.0	346.6	345.1	339.2	336.9	334.0	333.2	334.0
50°	372.6	348.8	332.5	322.8	317.6	315.4	312.4	307.9	306.4	310.2	308.7
52.5°	334.7	312.4	303.5	293.8	290.8	287.8	283.4	284.1	283.4	281.9	281.9
55°	296.8	282.6	273.7	266.3	265.5	262.6	258.8	257.4	256.6	255.1	257.4
57.5°	266.3	255.1	246.9	240.2	237.3	237.3	233.6	230.6	230.6	229.8	230.6
60°	235.8	224.6	219.4	212.7	210.5	209.8	207.5	206.0	203.8	203.8	203.8
62.5°	207.5	198.6	192.6	186.7	187.4	183.7	180.7	179.3	179.3	180.0	180.0
65°	180.7	174.8	167.4	162.1	160.7	159.9	158.4	157.7	155.5	156.9	156.9
67.5°	156.2	148.0	143.6	141.3	139.1	138.3	136.9	135.4	134.6	133.9	135.4
70°	131.7	125.0	121.2	119.8	117.5	116.8	116.0	113.8	114.5	115.3	116.0
72.5°	109.3	103.4	102.6	98.2	98.2	98.2	95.2	96.7	95.9	94.5	95.9
75°	86.3	83.3	81.8	79.6	80.3	79.6	78.8	76.6	76.6	77.4	78.1
77.5°	68.4	65.5	64.7	62.5	61.0	62.5	61.0	60.2	60.2	61.0	61.0
80°	50.6	49.1	46.9	46.9	46.9	46.1	46.1	46.1	45.4	44.6	45.4
82.5°	33.5	33.5	32.7	32.0	32.7	31.2	32.0	32.0	32.0	32.0	32.0
85°	21.6	20.8	20.8	20.1	20.1	20.1	20.8	19.3	19.3	20.1	20.1
87.5°	9.7	9.7	9.7	10.4	9.7	9.7	9.7	10.4	9.7	9.7	9.7
90°	40.1	39.6	39.1	38.6	38.3	38.4	38.7	39.0	39.2	39.5	39.2
92.5°	36.2	36.5	36.7	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1
95°	74.3	74.3	74.3	74.3	74.3	74.0	73.5	73.0	72.5	72.0	72.5
97.5°	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1
100°	160.2	160.2	160.2	160.2	160.2	160.1	159.8	159.5	159.3	159.0	159.3
102.5°	208.1	208.3	208.6	208.9	209.0	208.9	208.6	208.3	208.1	207.8	208.1
105°	255.9	256.4	256.9	257.4	257.7	257.7	257.7	257.7	257.7	257.7	257.7
107.5°	307.9	308.1	308.4	308.7	308.8	308.2	306.9	305.6	304.3	303.0	304.3
110°	361.0	361.0	361.0	361.0	361.0	360.6	359.9	359.1	358.4	357.6	358.4

TEST NUMBER: P998403

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	414.8	414.0	413.3	412.5	412.1	411.8	411.3	410.8	410.3	409.8	410.3
115°	468.7	468.5	468.2	467.9	467.8	467.4	466.7	465.9	465.2	464.4	465.2
117.5°	521.6	520.8	520.1	519.3	518.9	518.5	517.7	517.0	516.2	515.4	516.2
120°	573.5	573.5	573.5	573.5	573.5	573.1	572.3	571.6	570.8	570.0	570.8
122.5°	628.4	627.6	626.9	626.1	625.7	625.4	624.9	624.4	623.9	623.4	623.9
125°	681.8	681.0	680.3	679.5	679.1	679.0	678.7	678.5	678.2	678.0	678.2
127.5°	733.8	732.8	731.7	730.7	730.2	729.8	729.0	728.3	727.5	726.7	727.5
130°	786.6	786.1	785.6	785.1	784.8	784.3	783.2	782.2	781.1	780.1	781.1
132.5°	839.2	837.9	836.6	835.3	834.7	834.3	833.5	832.8	832.0	831.2	832.0
135°	889.0	888.7	888.5	888.2	888.1	887.7	886.9	886.2	885.4	884.6	885.4
137.5°	937.7	937.5	937.2	936.9	936.8	936.3	935.3	934.2	933.2	932.2	933.2
140°	986.8	986.8	986.8	986.8	986.8	986.3	985.2	984.2	983.1	982.1	983.1
142.5°	1031.1	1031.4	1031.6	1031.9	1032.0	1031.5	1030.5	1029.4	1028.4	1027.4	1028.4
145°	1076.4	1076.6	1076.9	1077.2	1077.3	1076.8	1075.8	1074.7	1073.7	1072.7	1073.7
147.5°	1116.1	1116.6	1117.1	1117.6	1117.9	1117.4	1116.4	1115.3	1114.3	1113.3	1114.3
150°	1153.6	1154.4	1155.1	1155.9	1156.3	1155.9	1155.1	1154.4	1153.6	1152.8	1153.6
152.5°	1190.9	1192.0	1193.0	1194.1	1194.6	1194.1	1193.0	1192.0	1190.9	1189.9	1190.9
155°	1221.4	1222.7	1224.0	1225.3	1225.9	1225.5	1224.7	1224.0	1223.2	1222.4	1223.2
157.5°	1250.9	1252.7	1254.5	1256.3	1257.2	1256.6	1255.3	1254.0	1252.7	1251.4	1252.7
160°	1277.4	1278.9	1280.5	1282.0	1282.8	1282.3	1281.2	1280.2	1279.1	1278.1	1279.1
162.5°	1300.8	1302.6	1304.5	1306.3	1307.2	1306.6	1305.3	1304.0	1302.7	1301.4	1302.7
165°	1320.6	1322.4	1324.2	1326.0	1326.9	1326.3	1325.0	1323.7	1322.4	1321.1	1322.4
167.5°	1338.0	1339.8	1341.6	1343.4	1344.3	1343.7	1342.4	1341.1	1339.8	1338.5	1339.8
170°	1351.9	1353.7	1355.5	1357.3	1358.2	1357.4	1355.9	1354.4	1352.8	1351.3	1352.8
172.5°	1362.4	1364.2	1366.0	1367.8	1368.7	1367.9	1366.4	1364.8	1363.3	1361.7	1363.3
175°	1369.3	1371.1	1373.0	1374.8	1375.7	1374.9	1373.4	1371.8	1370.3	1368.7	1370.3
177.5°	1373.7	1375.3	1376.8	1378.3	1379.1	1378.3	1376.8	1375.3	1373.7	1372.2	1373.7
180°	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7

TEST NUMBER: P998403

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7
2.5°	1025.7	1020.5	1016.0	1016.8	1020.5	1017.5	1010.1	1000.4	996.7	992.2	996.7
5°	1087.4	1083.0	1074.0	1074.8	1072.6	1069.6	1057.7	1042.8	1042.8	1030.9	1029.4
7.5°	1148.4	1141.7	1135.8	1134.3	1126.1	1120.2	1109.7	1088.9	1080.7	1066.6	1058.4
10°	1216.9	1211.6	1205.0	1196.8	1192.3	1181.9	1164.8	1134.3	1119.4	1100.1	1085.9
12.5°	1286.0	1285.3	1270.4	1254.0	1253.3	1236.9	1225.0	1184.1	1164.0	1138.0	1104.5
15°	1329.9	1326.2	1318.0	1309.8	1312.1	1294.2	1267.4	1219.1	1205.7	1174.5	1138.8
17.5°	1329.2	1329.2	1326.9	1325.4	1323.2	1318.0	1303.1	1271.2	1249.6	1210.2	1176.7
20°	1286.8	1296.4	1298.7	1297.9	1305.4	1309.1	1308.3	1288.3	1271.2	1236.2	1202.0
22.5°	1202.0	1224.3	1234.0	1239.9	1255.5	1263.7	1283.1	1275.6	1271.2	1245.1	1216.1
25°	1123.1	1130.6	1159.6	1161.1	1182.6	1202.7	1222.1	1234.7	1251.1	1241.4	1216.9
27.5°	1021.2	1038.3	1059.2	1074.8	1079.3	1120.2	1152.1	1175.9	1213.1	1216.1	1207.9
30°	905.9	914.1	948.3	969.2	993.0	1022.7	1068.8	1109.7	1143.2	1173.7	1184.1
32.5°	765.4	798.8	818.9	844.2	865.0	917.8	974.4	1027.2	1065.9	1117.2	1139.5
35°	636.7	662.7	696.9	707.4	745.3	789.9	863.5	931.2	990.0	1042.1	1087.4
37.5°	530.3	551.2	587.6	604.0	626.3	683.6	745.3	829.3	900.0	964.0	1020.5
40°	457.4	473.1	500.6	505.8	524.4	576.4	626.3	705.1	798.8	885.1	946.9
42.5°	407.6	415.0	433.6	440.3	452.2	487.2	531.8	606.2	693.2	782.5	869.5
45°	371.9	377.1	388.3	394.2	409.1	424.7	461.2	520.7	589.1	679.1	772.8
47.5°	339.9	346.6	351.1	354.8	363.0	380.1	403.9	447.8	513.2	595.8	686.5
50°	313.1	315.4	323.6	324.3	329.5	340.7	363.0	389.8	441.8	508.8	596.5
52.5°	286.4	288.6	293.8	299.0	301.2	310.2	325.0	347.4	386.0	438.8	516.9
55°	259.6	262.6	267.8	271.5	273.7	281.2	290.1	311.7	342.1	379.3	443.3
57.5°	232.8	239.5	241.0	243.2	246.9	255.1	263.3	275.9	299.8	334.0	380.8
60°	207.5	209.8	215.0	217.2	220.9	225.4	235.8	245.5	262.6	289.3	331.7
62.5°	181.5	186.7	188.9	191.2	194.1	199.3	206.0	216.4	231.3	252.9	286.4
65°	159.2	159.9	164.4	167.4	170.3	174.0	180.7	190.4	199.3	219.4	244.0
67.5°	137.6	139.1	140.6	143.6	147.3	151.0	156.9	162.1	173.3	186.7	206.0
70°	116.8	116.8	120.5	122.7	122.0	126.4	130.9	136.9	145.0	157.7	173.3
72.5°	98.2	97.4	100.4	101.2	102.6	105.6	108.6	114.5	119.0	128.7	140.6
75°	78.1	79.6	81.1	81.1	83.3	85.5	88.5	91.5	96.7	102.6	111.6
77.5°	61.7	61.7	63.2	64.0	66.2	65.5	68.4	71.4	75.1	80.3	87.0
80°	45.4	46.9	46.9	46.9	47.6	48.3	51.3	53.6	55.8	59.5	62.5
82.5°	32.0	32.0	33.5	33.5	33.5	35.0	35.0	35.7	37.2	39.4	41.7
85°	20.1	20.1	20.1	20.8	20.1	20.8	22.3	21.6	22.3	23.8	23.8
87.5°	9.7	9.7	9.7	9.7	9.7	10.4	9.7	10.4	11.2	11.2	11.2
90°	39.0	38.7	38.4	38.3	38.6	39.1	39.6	40.1	40.6	34.9	29.3
92.5°	37.1	37.1	37.1	37.1	37.0	36.7	36.5	36.2	36.0	35.7	35.5
95°	73.0	73.5	74.0	74.3	74.3	74.3	74.3	74.3	74.3	73.8	73.3
97.5°	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	115.1	114.0
100°	159.5	159.8	160.1	160.2	160.2	160.2	160.2	160.2	160.2	159.4	158.6
102.5°	208.3	208.6	208.9	209.0	208.9	208.6	208.3	208.1	207.8	206.8	205.8
105°	257.7	257.7	257.7	257.7	257.4	256.9	256.4	255.9	255.4	254.9	254.4
107.5°	305.6	306.9	308.2	308.8	308.7	308.4	308.1	307.9	307.6	307.6	307.6
110°	359.1	359.9	360.6	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0

TEST NUMBER: P998403

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	410.8	411.3	411.8	412.1	412.5	413.3	414.0	414.8	415.6	415.9	416.1
115°	465.9	466.7	467.4	467.8	467.9	468.2	468.5	468.7	469.0	469.5	470.0
117.5°	517.0	517.7	518.5	518.9	519.3	520.1	520.8	521.6	522.4	523.7	525.0
120°	571.6	572.3	573.1	573.5	573.5	573.5	573.5	573.5	573.5	575.6	577.6
122.5°	624.4	624.9	625.4	625.7	626.1	626.9	627.6	628.4	629.2	630.5	631.8
125°	678.5	678.7	679.0	679.1	679.5	680.3	681.0	681.8	682.6	683.4	684.2
127.5°	728.3	729.0	729.8	730.2	730.7	731.7	732.8	733.8	734.8	735.8	736.9
130°	782.2	783.2	784.3	784.8	785.1	785.6	786.1	786.6	787.1	787.6	788.1
132.5°	832.8	833.5	834.3	834.7	835.3	836.6	837.9	839.2	840.5	840.2	840.0
135°	886.2	886.9	887.7	888.1	888.2	888.5	888.7	889.0	889.2	888.7	888.2
137.5°	934.2	935.3	936.3	936.8	936.9	937.2	937.5	937.7	938.0	937.5	937.0
140°	984.2	985.2	986.3	986.8	986.8	986.8	986.8	986.8	986.8	985.5	984.2
142.5°	1029.4	1030.5	1031.5	1032.0	1031.9	1031.6	1031.4	1031.1	1030.9	1030.1	1029.3
145°	1074.7	1075.8	1076.8	1077.3	1077.2	1076.9	1076.6	1076.4	1076.1	1074.6	1073.0
147.5°	1115.3	1116.4	1117.4	1117.9	1117.6	1117.1	1116.6	1116.1	1115.6	1114.6	1113.6
150°	1154.4	1155.1	1155.9	1156.3	1155.9	1155.1	1154.4	1153.6	1152.8	1151.8	1150.7
152.5°	1192.0	1193.0	1194.1	1194.6	1194.1	1193.0	1192.0	1190.9	1189.9	1188.6	1187.3
155°	1224.0	1224.7	1225.5	1225.9	1225.3	1224.0	1222.7	1221.4	1220.1	1219.3	1218.5
157.5°	1254.0	1255.3	1256.6	1257.2	1256.3	1254.5	1252.7	1250.9	1249.1	1248.6	1248.1
160°	1280.2	1281.2	1282.3	1282.8	1282.0	1280.5	1278.9	1277.4	1275.8	1275.6	1275.3
162.5°	1304.0	1305.3	1306.6	1307.2	1306.3	1304.5	1302.6	1300.8	1299.0	1298.8	1298.5
165°	1323.7	1325.0	1326.3	1326.9	1326.0	1324.2	1322.4	1320.6	1318.8	1318.8	1318.8
167.5°	1341.1	1342.4	1343.7	1344.3	1343.4	1341.6	1339.8	1338.0	1336.2	1336.2	1336.2
170°	1354.4	1355.9	1357.4	1358.2	1357.3	1355.5	1353.7	1351.9	1350.1	1350.4	1350.6
172.5°	1364.8	1366.4	1367.9	1368.7	1367.8	1366.0	1364.2	1362.4	1360.6	1360.8	1361.1
175°	1371.8	1373.4	1374.9	1375.7	1374.8	1373.0	1371.1	1369.3	1367.5	1368.0	1368.6
177.5°	1375.3	1376.8	1378.3	1379.1	1378.3	1376.8	1375.3	1373.7	1372.2	1372.7	1373.2
180°	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7

TEST NUMBER: P998403

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7
2.5°	993.0	989.3	987.0	988.5	984.0	972.9	972.9	976.6	972.1	967.7	961.0
5°	1020.5	1013.1	1008.6	1007.8	997.4	979.6	975.9	972.1	962.5	952.1	940.9
7.5°	1047.3	1033.9	1026.4	1021.2	1006.4	983.3	973.6	965.5	949.8	934.2	920.1
10°	1069.6	1050.2	1041.3	1033.1	1013.8	984.8	969.2	954.3	934.2	914.1	896.3
12.5°	1087.4	1065.1	1054.0	1042.1	1018.3	980.3	961.0	937.2	917.1	890.3	872.5
15°	1117.2	1071.1	1060.7	1049.5	1025.0	972.9	949.1	922.3	894.8	859.1	839.7
17.5°	1141.0	1079.3	1078.5	1054.7	1022.7	969.9	933.5	898.5	868.8	833.1	802.6
20°	1155.1	1091.9	1080.0	1055.4	1015.3	949.8	911.9	873.2	841.2	798.1	767.6
22.5°	1167.0	1109.7	1078.5	1048.8	999.7	943.1	887.4	850.9	807.0	760.2	731.2
25°	1171.5	1113.5	1080.7	1046.5	988.5	923.8	860.6	821.2	772.1	729.7	690.2
27.5°	1172.2	1112.7	1072.6	1036.9	972.9	898.5	833.8	792.1	737.8	688.8	649.3
30°	1164.8	1104.5	1068.1	1029.4	958.0	875.5	801.1	755.0	696.9	647.8	606.9
32.5°	1142.5	1088.2	1058.4	1016.0	938.7	843.5	769.8	718.5	657.5	609.2	569.7
35°	1105.3	1068.1	1035.4	995.9	913.4	813.7	738.6	678.3	616.6	570.5	533.3
37.5°	1059.2	1039.1	1008.6	969.9	884.4	786.9	703.6	636.7	575.0	530.3	493.9
40°	996.7	1001.9	972.1	937.2	850.2	750.5	658.3	594.3	536.3	494.6	458.9
42.5°	929.0	950.6	933.5	900.0	812.2	710.3	624.8	554.1	497.6	454.5	424.7
45°	856.1	893.3	882.9	858.3	772.8	667.9	577.2	508.8	458.9	417.3	391.2
47.5°	776.5	829.3	829.3	811.5	728.9	625.5	536.3	466.4	417.3	387.5	362.2
50°	695.5	755.0	764.6	752.7	679.8	577.2	486.4	423.2	380.8	351.8	333.2
52.5°	610.7	679.8	697.7	691.7	627.8	531.1	445.5	383.8	345.1	319.8	303.5
55°	529.6	609.9	629.3	631.5	572.0	480.5	400.2	345.9	308.7	291.6	277.4
57.5°	453.0	530.3	551.9	555.6	515.5	434.4	357.8	310.2	276.7	262.6	251.4
60°	387.5	452.2	480.5	488.7	453.7	380.8	318.3	272.2	246.9	233.6	223.1
62.5°	334.0	386.0	415.8	418.0	402.4	334.0	277.4	238.8	217.2	205.3	200.1
65°	281.9	328.8	346.6	355.5	342.9	289.3	239.5	207.5	190.4	180.0	174.8
67.5°	240.2	270.0	284.9	296.8	284.1	244.0	203.8	177.8	165.1	154.7	151.7
70°	197.1	221.7	232.8	244.7	233.6	203.1	174.0	150.2	139.1	130.9	127.2
72.5°	157.7	177.0	187.4	194.9	188.2	162.9	139.1	122.7	114.5	108.6	106.4
75°	125.0	138.3	144.3	149.5	146.5	127.2	112.3	98.9	91.5	86.3	84.8
77.5°	95.2	104.9	111.6	113.1	109.3	96.7	84.0	75.9	69.9	66.9	65.5
80°	67.7	73.6	77.4	79.6	75.9	70.7	61.7	55.8	50.6	46.9	46.1
82.5°	45.4	48.3	51.3	50.6	49.1	44.6	39.4	36.4	34.2	31.2	31.2
85°	26.0	26.8	28.3	29.0	28.3	25.3	22.3	20.8	19.3	17.1	17.1
87.5°	11.2	11.9	11.9	12.6	11.2	11.2	9.7	8.2	8.2	7.4	6.7
90°	23.6	17.9	15.1	13.6	10.5	7.4	4.3	1.2	4.3	7.4	10.5
92.5°	35.2	34.9	34.8	33.8	31.7	29.6	27.6	25.5	27.6	29.6	31.7
95°	72.8	72.3	72.0	70.7	68.1	65.6	63.0	60.4	63.0	65.6	68.1
97.5°	113.0	111.9	111.4	110.2	107.9	105.6	103.3	101.0	103.3	105.6	107.9
100°	157.9	157.1	156.7	155.7	153.6	151.5	149.5	147.4	149.5	151.5	153.6
102.5°	204.7	203.7	203.2	202.4	200.9	199.3	197.8	196.2	197.8	199.3	200.9
105°	253.9	253.4	253.1	252.7	251.9	251.2	250.4	249.6	250.4	251.2	251.9
107.5°	307.6	307.6	307.6	307.1	306.1	305.0	304.0	303.0	304.0	305.0	306.1
110°	361.0	361.0	361.0	360.2	358.7	357.2	355.6	354.1	355.6	357.2	358.7

TEST NUMBER: P998403

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	416.4	416.7	416.8	416.0	414.5	412.9	411.4	409.8	411.4	412.9	414.5
115°	470.5	471.0	471.3	470.5	469.0	467.5	465.9	464.4	465.9	467.5	469.0
117.5°	526.3	527.6	528.2	527.2	525.1	523.0	521.0	518.9	521.0	523.0	525.1
120°	579.7	581.8	582.8	581.8	579.7	577.6	575.6	573.5	575.6	577.6	579.7
122.5°	633.1	634.4	635.0	633.7	631.1	628.6	626.0	623.4	626.0	628.6	631.1
125°	684.9	685.7	686.1	684.9	682.6	680.3	677.9	675.6	677.9	680.3	682.6
127.5°	737.9	739.0	739.5	738.1	735.2	732.4	729.5	726.7	729.5	732.4	735.2
130°	788.6	789.1	789.4	787.7	784.4	781.0	777.7	774.3	777.7	781.0	784.4
132.5°	839.7	839.4	839.3	838.0	835.4	832.9	830.3	827.7	830.3	832.9	835.4
135°	887.7	887.2	886.9	885.5	882.7	879.8	877.0	874.2	877.0	879.8	882.7
137.5°	936.5	936.0	935.7	934.5	932.2	929.9	927.5	925.2	927.5	929.9	932.2
140°	982.9	981.6	981.0	979.8	977.5	975.2	972.8	970.5	972.8	975.2	977.5
142.5°	1028.6	1027.8	1027.4	1026.2	1023.9	1021.6	1019.2	1016.9	1019.2	1021.6	1023.9
145°	1071.5	1070.0	1069.2	1068.3	1066.5	1064.7	1062.9	1061.1	1062.9	1064.7	1066.5
147.5°	1112.5	1111.5	1111.0	1109.8	1107.5	1105.2	1102.8	1100.5	1102.8	1105.2	1107.5
150°	1149.7	1148.6	1148.1	1147.3	1145.8	1144.3	1142.7	1141.2	1142.7	1144.3	1145.8
152.5°	1186.0	1184.7	1184.1	1183.3	1181.8	1180.2	1178.7	1177.1	1178.7	1180.2	1181.8
155°	1217.8	1217.0	1216.6	1216.2	1215.4	1214.7	1213.9	1213.1	1213.9	1214.7	1215.4
157.5°	1247.6	1247.1	1246.8	1246.5	1246.0	1245.5	1245.0	1244.5	1245.0	1245.5	1246.0
160°	1275.1	1274.8	1274.7	1274.4	1273.9	1273.4	1272.8	1272.3	1272.8	1273.4	1273.9
162.5°	1298.3	1298.0	1297.9	1297.9	1297.9	1297.9	1297.9	1297.9	1297.9	1297.9	1297.9
165°	1318.8	1318.8	1318.8	1318.9	1319.2	1319.4	1319.7	1319.9	1319.7	1319.4	1319.2
167.5°	1336.2	1336.2	1336.2	1336.6	1337.4	1338.1	1338.9	1339.7	1338.9	1338.1	1337.4
170°	1350.9	1351.2	1351.3	1351.7	1352.5	1353.2	1354.0	1354.8	1354.0	1353.2	1352.5
172.5°	1361.3	1361.6	1361.7	1362.1	1362.9	1363.6	1364.4	1365.2	1364.4	1363.6	1362.9
175°	1369.1	1369.6	1369.9	1370.3	1371.0	1371.8	1372.5	1373.3	1372.5	1371.8	1371.0
177.5°	1373.7	1374.2	1374.5	1374.9	1375.7	1376.4	1377.2	1378.0	1377.2	1376.4	1375.7
180°	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7

TEST NUMBER: P998403

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7
2.5°	957.3	961.0	960.2	952.8	944.6	937.9	925.3	926.8	922.3	923.1	927.5
5°	933.5	933.5	930.5	920.1	906.7	899.3	885.1	881.4	872.5	871.7	871.0
7.5°	908.2	904.5	900.7	885.9	869.5	857.6	838.3	833.8	824.9	818.9	815.9
10°	878.4	873.2	865.8	848.7	828.6	813.7	793.6	787.7	770.6	763.1	758.7
12.5°	845.7	842.7	830.8	816.7	784.0	767.6	738.6	744.5	727.4	712.6	710.3
15°	813.0	801.8	795.1	772.1	732.6	725.2	702.1	690.2	674.6	662.7	662.7
17.5°	781.0	763.9	749.0	724.5	695.5	674.6	657.5	651.6	632.2	620.3	618.1
20°	738.6	719.3	715.5	680.6	660.5	637.4	621.1	606.2	592.1	586.9	583.1
22.5°	698.4	676.1	670.2	640.4	620.3	597.3	580.9	570.5	560.1	556.4	549.7
25°	655.3	641.9	633.0	601.0	578.7	557.1	545.9	538.5	528.8	528.1	523.6
27.5°	613.6	601.0	592.1	561.6	545.2	525.1	516.2	508.0	502.8	500.6	498.3
30°	577.9	563.8	553.4	531.1	511.0	494.6	487.2	482.0	479.0	475.3	474.5
32.5°	538.5	530.3	516.2	499.1	483.5	467.8	463.4	459.7	455.2	453.7	453.0
35°	505.0	493.9	485.0	465.6	458.9	445.5	440.3	437.4	431.4	429.9	428.4
37.5°	472.3	461.9	452.2	440.3	427.7	420.2	417.3	412.8	409.8	410.6	409.1
40°	439.6	431.4	424.0	411.3	403.9	400.2	394.2	389.8	388.3	389.0	388.3
42.5°	407.6	400.2	395.7	386.0	378.6	374.9	371.2	366.7	368.9	368.9	371.2
45°	378.6	371.9	368.9	361.5	357.0	351.1	347.4	346.6	349.6	348.8	348.8
47.5°	348.8	346.6	342.9	336.2	330.2	326.5	325.8	325.8	328.8	330.2	329.5
50°	325.8	321.3	316.9	311.7	307.2	305.7	303.5	305.0	307.9	307.9	309.4
52.5°	296.8	293.8	292.3	287.8	284.9	284.9	284.9	285.6	287.8	290.1	289.3
55°	271.5	269.3	267.8	265.5	261.8	262.6	261.8	263.3	265.5	267.8	269.3
57.5°	244.7	244.0	242.5	238.8	238.8	238.0	240.2	241.0	244.7	246.2	248.4
60°	220.9	218.7	218.7	215.7	215.7	215.7	217.9	220.2	223.1	223.9	225.4
62.5°	195.6	195.6	194.9	192.6	192.6	194.9	195.6	198.6	200.1	200.1	202.3
65°	171.8	171.1	170.3	171.1	171.8	171.8	174.0	175.5	177.0	177.8	178.5
67.5°	148.0	147.3	148.8	148.0	149.5	152.5	151.7	154.0	156.2	156.2	156.9
70°	125.7	127.2	126.4	127.9	127.2	128.7	130.9	131.7	131.7	132.4	134.6
72.5°	104.9	104.9	104.9	104.1	104.9	106.4	107.9	108.6	110.1	110.8	113.1
75°	84.8	84.8	83.3	84.8	84.8	86.3	87.8	87.8	87.8	89.3	91.5
77.5°	64.0	64.7	64.0	65.5	65.5	66.2	67.7	66.9	68.4	69.2	69.9
80°	46.9	46.1	46.1	46.1	46.9	46.9	48.3	49.1	49.1	51.3	49.8
82.5°	29.8	30.5	29.8	30.5	30.5	31.2	30.5	31.2	32.0	33.5	32.7
85°	17.1	16.4	16.4	17.1	16.4	16.4	17.1	16.4	17.1	16.4	17.1
87.5°	6.7	6.0	6.0	6.0	6.0	5.2	5.2	4.5	4.5	4.5	3.7
90°	13.6	15.1	17.9	23.6	29.3	34.9	40.6	40.1	39.6	39.1	38.6
92.5°	33.8	34.8	34.9	35.2	35.5	35.7	36.0	36.2	36.5	36.7	37.0
95°	70.7	72.0	72.3	72.8	73.3	73.8	74.3	74.3	74.3	74.3	74.3
97.5°	110.2	111.4	111.9	113.0	114.0	115.1	116.1	116.1	116.1	116.1	116.1
100°	155.7	156.7	157.1	157.9	158.6	159.4	160.2	160.2	160.2	160.2	160.2
102.5°	202.4	203.2	203.7	204.7	205.8	206.8	207.8	208.1	208.3	208.6	208.9
105°	252.7	253.1	253.4	253.9	254.4	254.9	255.4	255.9	256.4	256.9	257.4
107.5°	307.1	307.6	307.6	307.6	307.6	307.6	307.6	307.9	308.1	308.4	308.7
110°	360.2	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0

TEST NUMBER: P998403

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	416.0	416.8	416.7	416.4	416.1	415.9	415.6	414.8	414.0	413.3	412.5
115°	470.5	471.3	471.0	470.5	470.0	469.5	469.0	468.7	468.5	468.2	467.9
117.5°	527.2	528.2	527.6	526.3	525.0	523.7	522.4	521.6	520.8	520.1	519.3
120°	581.8	582.8	581.8	579.7	577.6	575.6	573.5	573.5	573.5	573.5	573.5
122.5°	633.7	635.0	634.4	633.1	631.8	630.5	629.2	628.4	627.6	626.9	626.1
125°	684.9	686.1	685.7	684.9	684.2	683.4	682.6	681.8	681.0	680.3	679.5
127.5°	738.1	739.5	739.0	737.9	736.9	735.8	734.8	733.8	732.8	731.7	730.7
130°	787.7	789.4	789.1	788.6	788.1	787.6	787.1	786.6	786.1	785.6	785.1
132.5°	838.0	839.3	839.4	839.7	840.0	840.2	840.5	839.2	837.9	836.6	835.3
135°	885.5	886.9	887.2	887.7	888.2	888.7	889.2	889.0	888.7	888.5	888.2
137.5°	934.5	935.7	936.0	936.5	937.0	937.5	938.0	937.7	937.5	937.2	936.9
140°	979.8	981.0	981.6	982.9	984.2	985.5	986.8	986.8	986.8	986.8	986.8
142.5°	1026.2	1027.4	1027.8	1028.6	1029.3	1030.1	1030.9	1031.1	1031.4	1031.6	1031.9
145°	1068.3	1069.2	1070.0	1071.5	1073.0	1074.6	1076.1	1076.4	1076.6	1076.9	1077.2
147.5°	1109.8	1111.0	1111.5	1112.5	1113.6	1114.6	1115.6	1116.1	1116.6	1117.1	1117.6
150°	1147.3	1148.1	1148.6	1149.7	1150.7	1151.8	1152.8	1153.6	1154.4	1155.1	1155.9
152.5°	1183.3	1184.1	1184.7	1186.0	1187.3	1188.6	1189.9	1190.9	1192.0	1193.0	1194.1
155°	1216.2	1216.6	1217.0	1217.8	1218.5	1219.3	1220.1	1221.4	1222.7	1224.0	1225.3
157.5°	1246.5	1246.8	1247.1	1247.6	1248.1	1248.6	1249.1	1250.9	1252.7	1254.5	1256.3
160°	1274.4	1274.7	1274.8	1275.1	1275.3	1275.6	1275.8	1277.4	1278.9	1280.5	1282.0
162.5°	1297.9	1297.9	1298.0	1298.3	1298.5	1298.8	1299.0	1300.8	1302.6	1304.5	1306.3
165°	1318.9	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1320.6	1322.4	1324.2	1326.0
167.5°	1336.6	1336.2	1336.2	1336.2	1336.2	1336.2	1336.2	1338.0	1339.8	1341.6	1343.4
170°	1351.7	1351.3	1351.2	1350.9	1350.6	1350.4	1350.1	1351.9	1353.7	1355.5	1357.3
172.5°	1362.1	1361.7	1361.6	1361.3	1361.1	1360.8	1360.6	1362.4	1364.2	1366.0	1367.8
175°	1370.3	1369.9	1369.6	1369.1	1368.6	1368.0	1367.5	1369.3	1371.1	1373.0	1374.8
177.5°	1374.9	1374.5	1374.2	1373.7	1373.2	1372.7	1372.2	1373.7	1375.3	1376.8	1378.3
180°	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7

TEST NUMBER: P998403

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7
2.5°	922.3	924.5	919.3	917.8	919.3	914.1	915.6	917.1	917.1	919.3	920.8
5°	868.8	865.8	860.6	859.1	857.6	859.8	858.3	860.6	861.3	866.5	867.3
7.5°	815.9	811.5	807.0	802.6	801.1	797.4	801.1	801.1	806.3	804.8	808.5
10°	753.5	752.7	746.8	744.5	741.6	735.6	743.8	741.6	745.3	752.0	753.5
12.5°	707.4	699.2	702.9	692.5	696.2	690.2	691.0	691.0	696.9	697.7	696.2
15°	663.5	656.8	647.1	642.6	640.4	637.4	647.1	647.8	643.4	653.8	650.1
17.5°	618.8	618.8	609.9	607.7	601.7	604.7	603.2	604.0	602.5	609.9	613.6
20°	580.2	576.4	573.5	574.2	566.8	565.3	563.8	565.3	570.5	575.7	577.2
22.5°	548.9	546.7	539.3	540.7	534.8	537.0	535.5	539.3	540.0	540.0	545.2
25°	519.2	516.2	516.9	514.0	511.7	511.7	509.5	511.7	514.7	516.2	516.9
27.5°	496.9	494.6	490.9	488.7	490.2	486.4	489.4	491.7	491.7	490.2	491.7
30°	470.1	471.6	471.6	464.1	467.1	465.6	467.8	469.3	469.3	470.1	468.6
32.5°	452.2	447.8	447.0	446.3	446.3	443.3	443.3	445.5	446.3	447.0	449.3
35°	428.4	428.4	424.7	426.9	424.0	424.7	424.0	424.7	426.2	424.0	426.2
37.5°	406.9	407.6	406.1	407.6	408.3	406.9	405.4	408.3	406.9	406.9	405.4
40°	388.3	387.5	388.3	388.3	388.3	389.0	387.5	387.5	387.5	386.0	384.5
42.5°	372.6	368.2	369.7	370.4	368.2	368.2	368.9	368.2	370.4	365.9	365.9
45°	350.3	348.8	349.6	349.6	351.1	348.8	350.3	351.1	348.8	348.1	346.6
47.5°	330.2	331.7	330.2	331.7	331.7	333.2	330.2	331.0	331.7	328.8	326.5
50°	310.2	310.2	312.4	311.7	312.4	310.9	310.9	310.2	310.9	309.4	307.2
52.5°	291.6	289.3	293.1	292.3	291.6	290.8	290.1	290.8	289.3	287.8	287.8
55°	268.5	268.5	270.7	271.5	271.5	270.0	268.5	269.3	268.5	267.8	267.0
57.5°	249.9	246.9	248.4	249.2	249.2	246.9	248.4	246.9	246.9	247.7	245.5
60°	226.1	226.1	224.6	226.9	226.9	225.4	225.4	226.1	224.6	223.9	223.1
62.5°	200.8	201.6	203.8	204.5	205.3	203.8	202.3	203.1	203.1	200.8	201.6
65°	179.3	180.7	183.7	183.0	181.5	182.2	180.7	181.5	179.3	180.0	177.8
67.5°	158.4	157.7	158.4	158.4	159.9	159.2	157.7	157.7	156.9	159.2	156.9
70°	136.1	136.1	136.1	136.1	136.9	137.6	136.1	134.6	135.4	133.9	133.1
72.5°	113.1	113.8	113.1	114.5	112.3	113.8	113.8	113.1	112.3	112.3	112.3
75°	91.5	93.0	90.7	91.5	90.7	92.2	91.5	91.5	90.0	89.3	90.0
77.5°	69.9	70.7	69.2	69.9	69.2	69.9	69.9	69.2	69.2	69.2	69.2
80°	49.8	50.6	49.8	49.1	48.3	49.8	48.3	49.1	49.8	49.1	50.6
82.5°	32.0	32.0	31.2	32.0	30.5	30.5	31.2	31.2	30.5	32.0	30.5
85°	15.6	15.6	17.1	15.6	14.9	14.9	14.9	15.6	14.9	16.4	15.6
87.5°	3.7	3.0	3.7	3.7	3.0	3.0	3.7	3.0	3.7	4.5	3.0
90°	38.3	38.4	38.7	39.0	39.2	39.5	39.2	39.0	38.7	38.4	38.3
92.5°	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
95°	74.3	74.0	73.5	73.0	72.5	72.0	72.5	73.0	73.5	74.0	74.3
97.5°	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1
100°	160.2	160.1	159.8	159.5	159.3	159.0	159.3	159.5	159.8	160.1	160.2
102.5°	209.0	208.9	208.6	208.3	208.1	207.8	208.1	208.3	208.6	208.9	209.0
105°	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7	257.7
107.5°	308.8	308.2	306.9	305.6	304.3	303.0	304.3	305.6	306.9	308.2	308.8
110°	361.0	360.6	359.9	359.1	358.4	357.6	358.4	359.1	359.9	360.6	361.0

TEST NUMBER: P998403

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	412.1	411.8	411.3	410.8	410.3	409.8	410.3	410.8	411.3	411.8	412.1
115°	467.8	467.4	466.7	465.9	465.2	464.4	465.2	465.9	466.7	467.4	467.8
117.5°	518.9	518.5	517.7	517.0	516.2	515.4	516.2	517.0	517.7	518.5	518.9
120°	573.5	573.1	572.3	571.6	570.8	570.0	570.8	571.6	572.3	573.1	573.5
122.5°	625.7	625.4	624.9	624.4	623.9	623.4	623.9	624.4	624.9	625.4	625.7
125°	679.1	679.0	678.7	678.5	678.2	678.0	678.2	678.5	678.7	679.0	679.1
127.5°	730.2	729.8	729.0	728.3	727.5	726.7	727.5	728.3	729.0	729.8	730.2
130°	784.8	784.3	783.2	782.2	781.1	780.1	781.1	782.2	783.2	784.3	784.8
132.5°	834.7	834.3	833.5	832.8	832.0	831.2	832.0	832.8	833.5	834.3	834.7
135°	888.1	887.7	886.9	886.2	885.4	884.6	885.4	886.2	886.9	887.7	888.1
137.5°	936.8	936.3	935.3	934.2	933.2	932.2	933.2	934.2	935.3	936.3	936.8
140°	986.8	986.3	985.2	984.2	983.1	982.1	983.1	984.2	985.2	986.3	986.8
142.5°	1032.0	1031.5	1030.5	1029.4	1028.4	1027.4	1028.4	1029.4	1030.5	1031.5	1032.0
145°	1077.3	1076.8	1075.8	1074.7	1073.7	1072.7	1073.7	1074.7	1075.8	1076.8	1077.3
147.5°	1117.9	1117.4	1116.4	1115.3	1114.3	1113.3	1114.3	1115.3	1116.4	1117.4	1117.9
150°	1156.3	1155.9	1155.1	1154.4	1153.6	1152.8	1153.6	1154.4	1155.1	1155.9	1156.3
152.5°	1194.6	1194.1	1193.0	1192.0	1190.9	1189.9	1190.9	1192.0	1193.0	1194.1	1194.6
155°	1225.9	1225.5	1224.7	1224.0	1223.2	1222.4	1223.2	1224.0	1224.7	1225.5	1225.9
157.5°	1257.2	1256.6	1255.3	1254.0	1252.7	1251.4	1252.7	1254.0	1255.3	1256.6	1257.2
160°	1282.8	1282.3	1281.2	1280.2	1279.1	1278.1	1279.1	1280.2	1281.2	1282.3	1282.8
162.5°	1307.2	1306.6	1305.3	1304.0	1302.7	1301.4	1302.7	1304.0	1305.3	1306.6	1307.2
165°	1326.9	1326.3	1325.0	1323.7	1322.4	1321.1	1322.4	1323.7	1325.0	1326.3	1326.9
167.5°	1344.3	1343.7	1342.4	1341.1	1339.8	1338.5	1339.8	1341.1	1342.4	1343.7	1344.3
170°	1358.2	1357.4	1355.9	1354.4	1352.8	1351.3	1352.8	1354.4	1355.9	1357.4	1358.2
172.5°	1368.7	1367.9	1366.4	1364.8	1363.3	1361.7	1363.3	1364.8	1366.4	1367.9	1368.7
175°	1375.7	1374.9	1373.4	1371.8	1370.3	1368.7	1370.3	1371.8	1373.4	1374.9	1375.7
177.5°	1379.1	1378.3	1376.8	1375.3	1373.7	1372.2	1373.7	1375.3	1376.8	1378.3	1379.1
180°	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7

TEST NUMBER: P998403

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7
2.5°	918.6	924.5	922.3	914.1	923.8	923.8	930.5	930.5	938.7	941.6	946.1
5°	866.5	871.0	874.7	871.0	877.7	888.1	894.0	899.3	910.4	914.9	921.6
7.5°	810.7	818.9	822.6	822.6	833.8	845.7	857.6	865.0	880.7	886.6	893.3
10°	756.4	766.1	773.6	772.8	791.4	798.8	813.7	830.8	846.4	855.4	865.0
12.5°	699.2	704.4	714.8	729.7	734.1	747.5	764.6	786.2	814.5	822.6	836.8
15°	651.6	665.7	673.9	680.6	691.0	703.6	722.2	743.1	771.3	789.2	804.0
17.5°	611.4	630.0	635.2	633.7	647.1	666.4	688.0	703.6	728.9	750.5	764.6
20°	578.7	586.1	595.0	598.8	609.2	630.0	650.8	668.7	689.5	706.6	723.0
22.5°	545.9	551.9	559.3	566.0	574.2	586.1	606.2	628.5	648.6	665.0	683.6
25°	519.2	522.9	529.6	534.8	543.7	551.9	566.0	590.6	614.4	624.0	640.4
27.5°	493.1	496.1	500.6	506.5	511.0	519.2	531.8	551.9	576.4	586.1	608.4
30°	470.1	472.3	476.8	479.7	482.0	491.7	501.3	516.9	535.5	548.9	565.3
32.5°	448.5	450.7	455.2	455.9	458.9	464.1	473.1	487.2	503.6	514.7	528.8
35°	424.7	426.2	430.7	432.1	434.4	438.8	445.5	455.9	470.8	479.0	491.7
37.5°	406.1	405.4	408.3	410.6	413.6	415.8	418.0	428.4	439.6	447.0	456.7
40°	386.0	384.5	385.3	388.3	389.8	392.7	392.7	403.1	410.6	416.5	424.0
42.5°	365.9	365.2	363.7	365.2	366.7	367.4	368.2	375.6	383.1	388.3	396.4
45°	345.9	345.1	343.6	344.4	344.4	345.9	348.1	351.1	356.3	360.7	365.2
47.5°	327.3	325.8	323.6	322.8	324.3	324.3	324.3	327.3	332.5	334.0	338.4
50°	307.9	305.7	302.7	301.2	301.2	300.5	302.0	302.7	307.2	308.7	312.4
52.5°	287.1	285.6	282.6	279.7	280.4	278.9	279.7	280.4	281.9	284.1	286.4
55°	266.3	263.3	261.1	260.3	258.1	258.1	255.9	258.8	258.1	258.8	261.8
57.5°	246.2	243.2	239.5	238.0	235.8	235.0	233.6	232.8	233.6	235.8	238.0
60°	222.4	220.9	218.7	216.4	215.0	212.7	211.2	211.2	210.5	210.5	211.2
62.5°	199.3	198.6	195.6	194.9	193.4	191.9	189.7	188.2	188.2	189.7	190.4
65°	177.0	176.3	174.0	173.3	169.6	168.1	167.4	166.6	165.1	165.1	165.1
67.5°	156.2	154.0	154.0	150.2	147.3	145.8	144.3	143.6	143.6	143.6	144.3
70°	133.1	133.1	130.9	128.7	125.7	126.4	124.2	122.0	122.0	120.5	121.2
72.5°	110.8	110.1	107.9	107.1	104.9	102.6	101.2	102.6	100.4	99.7	100.4
75°	89.3	88.5	87.0	85.5	86.3	84.0	81.8	81.1	81.1	79.6	79.6
77.5°	68.4	69.9	66.9	66.2	64.7	63.2	62.5	61.7	61.7	61.7	63.2
80°	47.6	48.3	48.3	46.9	47.6	45.4	45.4	45.4	43.1	43.9	44.6
82.5°	30.5	30.5	29.8	30.5	29.8	29.8	29.0	29.0	28.3	28.3	29.0
85°	17.1	16.4	15.6	17.1	16.4	16.4	15.6	15.6	15.6	15.6	15.6
87.5°	3.7	4.5	4.5	4.5	4.5	5.2	5.2	5.2	6.0	6.0	6.0
90°	38.6	39.1	39.6	40.1	40.6	34.9	29.3	23.6	17.9	15.1	13.6
92.5°	37.0	36.7	36.5	36.2	36.0	35.7	35.5	35.2	34.9	34.8	33.8
95°	74.3	74.3	74.3	74.3	74.3	73.8	73.3	72.8	72.3	72.0	70.7
97.5°	116.1	116.1	116.1	116.1	116.1	115.1	114.0	113.0	111.9	111.4	110.2
100°	160.2	160.2	160.2	160.2	160.2	159.4	158.6	157.9	157.1	156.7	155.7
102.5°	208.9	208.6	208.3	208.1	207.8	206.8	205.8	204.7	203.7	203.2	202.4
105°	257.4	256.9	256.4	255.9	255.4	254.9	254.4	253.9	253.4	253.1	252.7
107.5°	308.7	308.4	308.1	307.9	307.6	307.6	307.6	307.6	307.6	307.6	307.1
110°	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	360.2

TEST NUMBER: P998403

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	412.5	413.3	414.0	414.8	415.6	415.9	416.1	416.4	416.7	416.8	416.0
115°	467.9	468.2	468.5	468.7	469.0	469.5	470.0	470.5	471.0	471.3	470.5
117.5°	519.3	520.1	520.8	521.6	522.4	523.7	525.0	526.3	527.6	528.2	527.2
120°	573.5	573.5	573.5	573.5	573.5	575.6	577.6	579.7	581.8	582.8	581.8
122.5°	626.1	626.9	627.6	628.4	629.2	630.5	631.8	633.1	634.4	635.0	633.7
125°	679.5	680.3	681.0	681.8	682.6	683.4	684.2	684.9	685.7	686.1	684.9
127.5°	730.7	731.7	732.8	733.8	734.8	735.8	736.9	737.9	739.0	739.5	738.1
130°	785.1	785.6	786.1	786.6	787.1	787.6	788.1	788.6	789.1	789.4	787.7
132.5°	835.3	836.6	837.9	839.2	840.5	840.2	840.0	839.7	839.4	839.3	838.0
135°	888.2	888.5	888.7	889.0	889.2	888.7	888.2	887.7	887.2	886.9	885.5
137.5°	936.9	937.2	937.5	937.7	938.0	937.5	937.0	936.5	936.0	935.7	934.5
140°	986.8	986.8	986.8	986.8	986.8	985.5	984.2	982.9	981.6	981.0	979.8
142.5°	1031.9	1031.6	1031.4	1031.1	1030.9	1030.1	1029.3	1028.6	1027.8	1027.4	1026.2
145°	1077.2	1076.9	1076.6	1076.4	1076.1	1074.6	1073.0	1071.5	1070.0	1069.2	1068.3
147.5°	1117.6	1117.1	1116.6	1116.1	1115.6	1114.6	1113.6	1112.5	1111.5	1111.0	1109.8
150°	1155.9	1155.1	1154.4	1153.6	1152.8	1151.8	1150.7	1149.7	1148.6	1148.1	1147.3
152.5°	1194.1	1193.0	1192.0	1190.9	1189.9	1188.6	1187.3	1186.0	1184.7	1184.1	1183.3
155°	1225.3	1224.0	1222.7	1221.4	1220.1	1219.3	1218.5	1217.8	1217.0	1216.6	1216.2
157.5°	1256.3	1254.5	1252.7	1250.9	1249.1	1248.6	1248.1	1247.6	1247.1	1246.8	1246.5
160°	1282.0	1280.5	1278.9	1277.4	1275.8	1275.6	1275.3	1275.1	1274.8	1274.7	1274.4
162.5°	1306.3	1304.5	1302.6	1300.8	1299.0	1298.8	1298.5	1298.3	1298.0	1297.9	1297.9
165°	1326.0	1324.2	1322.4	1320.6	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1318.9
167.5°	1343.4	1341.6	1339.8	1338.0	1336.2	1336.2	1336.2	1336.2	1336.2	1336.2	1336.6
170°	1357.3	1355.5	1353.7	1351.9	1350.1	1350.4	1350.6	1350.9	1351.2	1351.3	1351.7
172.5°	1367.8	1366.0	1364.2	1362.4	1360.6	1360.8	1361.1	1361.3	1361.6	1361.7	1362.1
175°	1374.8	1373.0	1371.1	1369.3	1367.5	1368.0	1368.6	1369.1	1369.6	1369.9	1370.3
177.5°	1378.3	1376.8	1375.3	1373.7	1372.2	1372.7	1373.2	1373.7	1374.2	1374.5	1374.9
180°	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7	1375.7

TEST NUMBER: P998403

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	967.7	967.7	967.7	967.7
2.5°	949.8	949.8	961.0	972.9
5°	929.0	934.2	952.1	968.4
7.5°	908.9	917.8	940.2	961.0
10°	884.4	896.3	923.8	948.3
12.5°	860.6	871.7	903.7	931.2
15°	827.1	841.2	875.5	909.7
17.5°	793.6	807.8	849.4	889.6
20°	754.2	772.8	819.7	873.2
22.5°	717.8	740.8	792.9	836.0
25°	677.6	713.3	761.6	817.4
27.5°	641.9	677.6	726.7	783.2
30°	601.7	638.2	688.8	740.8
32.5°	563.1	596.5	645.6	709.6
35°	522.9	554.9	602.5	667.2
37.5°	486.4	517.7	569.7	629.3
40°	450.7	483.5	528.1	587.6
42.5°	417.3	446.3	486.4	545.9
45°	386.8	407.6	444.8	500.6
47.5°	354.8	373.4	407.6	463.4
50°	325.0	340.7	370.4	422.5
52.5°	296.0	309.4	336.9	378.6
55°	270.0	282.6	302.7	343.6
57.5°	243.2	252.9	272.2	305.0
60°	217.2	226.1	241.7	268.5
62.5°	191.2	198.6	213.5	235.0
65°	168.1	174.0	185.2	203.8
67.5°	145.8	149.5	158.4	173.3
70°	124.2	127.2	134.6	146.5
72.5°	101.2	104.1	112.3	120.5
75°	81.8	82.6	88.5	95.2
77.5°	64.0	63.2	67.7	72.9
80°	43.9	46.1	49.8	52.1
82.5°	29.8	30.5	32.0	33.5
85°	16.4	17.1	17.1	19.3
87.5°	6.7	7.4	7.4	8.2
90°	10.5	7.4	4.3	1.2
92.5°	31.7	29.6	27.6	25.5
95°	68.1	65.6	63.0	60.4
97.5°	107.9	105.6	103.3	101.0
100°	153.6	151.5	149.5	147.4
102.5°	200.9	199.3	197.8	196.2
105°	251.9	251.2	250.4	249.6
107.5°	306.1	305.0	304.0	303.0
110°	358.7	357.2	355.6	354.1



TEST NUMBER: P998403

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	414.5	412.9	411.4	409.8
115°	469.0	467.5	465.9	464.4
117.5°	525.1	523.0	521.0	518.9
120°	579.7	577.6	575.6	573.5
122.5°	631.1	628.6	626.0	623.4
125°	682.6	680.3	677.9	675.6
127.5°	735.2	732.4	729.5	726.7
130°	784.4	781.0	777.7	774.3
132.5°	835.4	832.9	830.3	827.7
135°	882.7	879.8	877.0	874.2
137.5°	932.2	929.9	927.5	925.2
140°	977.5	975.2	972.8	970.5
142.5°	1023.9	1021.6	1019.2	1016.9
145°	1066.5	1064.7	1062.9	1061.1
147.5°	1107.5	1105.2	1102.8	1100.5
150°	1145.8	1144.3	1142.7	1141.2
152.5°	1181.8	1180.2	1178.7	1177.1
155°	1215.4	1214.7	1213.9	1213.1
157.5°	1246.0	1245.5	1245.0	1244.5
160°	1273.9	1273.4	1272.8	1272.3
162.5°	1297.9	1297.9	1297.9	1297.9
165°	1319.2	1319.4	1319.7	1319.9
167.5°	1337.4	1338.1	1338.9	1339.7
170°	1352.5	1353.2	1354.0	1354.8
172.5°	1362.9	1363.6	1364.4	1365.2
175°	1371.0	1371.8	1372.5	1373.3
177.5°	1375.7	1376.4	1377.2	1378.0
180°	1375.7	1375.7	1375.7	1375.7

TEST NUMBER: P998403

CATALOG NUMBER: SA2XXDIP-B485D1080UB30-4F0-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	13.82	14.55	14.90	15.62	17.09	11.32	12.04	12.39	13.12	14.58
	3H	14.63	15.27	15.71	16.36	17.84	12.65	13.30	13.74	14.38	15.86
	4H	14.79	15.40	15.88	16.49	17.97	13.11	13.72	14.20	14.81	16.29
	6H	14.83	15.39	15.93	16.48	17.98	13.41	13.97	14.51	15.06	16.56
	8H	14.80	15.34	15.91	16.44	17.93	13.49	14.03	14.60	15.13	16.62
	12H	14.76	15.27	15.87	16.37	17.88	13.53	14.04	14.64	15.13	16.65
4H	2H	13.85	14.46	14.95	15.55	17.03	11.75	12.36	12.85	13.44	14.93
	3H	14.82	15.33	15.93	16.44	17.94	13.19	13.71	14.30	14.82	16.32
	4H	15.09	15.56	16.20	16.66	18.18	13.72	14.19	14.84	15.29	16.81
	6H	15.21	15.61	16.33	16.74	18.25	14.10	14.50	15.22	15.62	17.13
	8H	15.21	15.58	16.33	16.70	18.23	14.20	14.58	15.32	15.69	17.22
	12H	15.16	15.50	16.30	16.63	18.17	14.25	14.59	15.39	15.72	17.26
8H	4H	15.09	15.46	16.21	16.58	18.11	13.86	14.23	14.98	15.35	16.88
	6H	15.26	15.57	16.40	16.73	18.25	14.29	14.60	15.43	15.75	17.28
	8H	15.29	15.56	16.44	16.70	18.24	14.44	14.71	15.58	15.84	17.39
	12H	15.27	15.51	16.42	16.64	18.22	14.52	14.76	15.67	15.89	17.48
12H	4H	15.04	15.38	16.18	16.51	18.04	13.82	14.16	14.96	15.29	16.83
	6H	15.24	15.51	16.39	16.65	18.19	14.29	14.56	15.43	15.69	17.24
	8H	15.27	15.50	16.42	16.64	18.22	14.44	14.67	15.59	15.81	17.39