

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: P998640

Luminaire Tested: SA2XXDIP-B485D925UB30-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P998640
REPORT IS A COMBINATION OF REPORTS P984383 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B485D925UB30-4F0-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

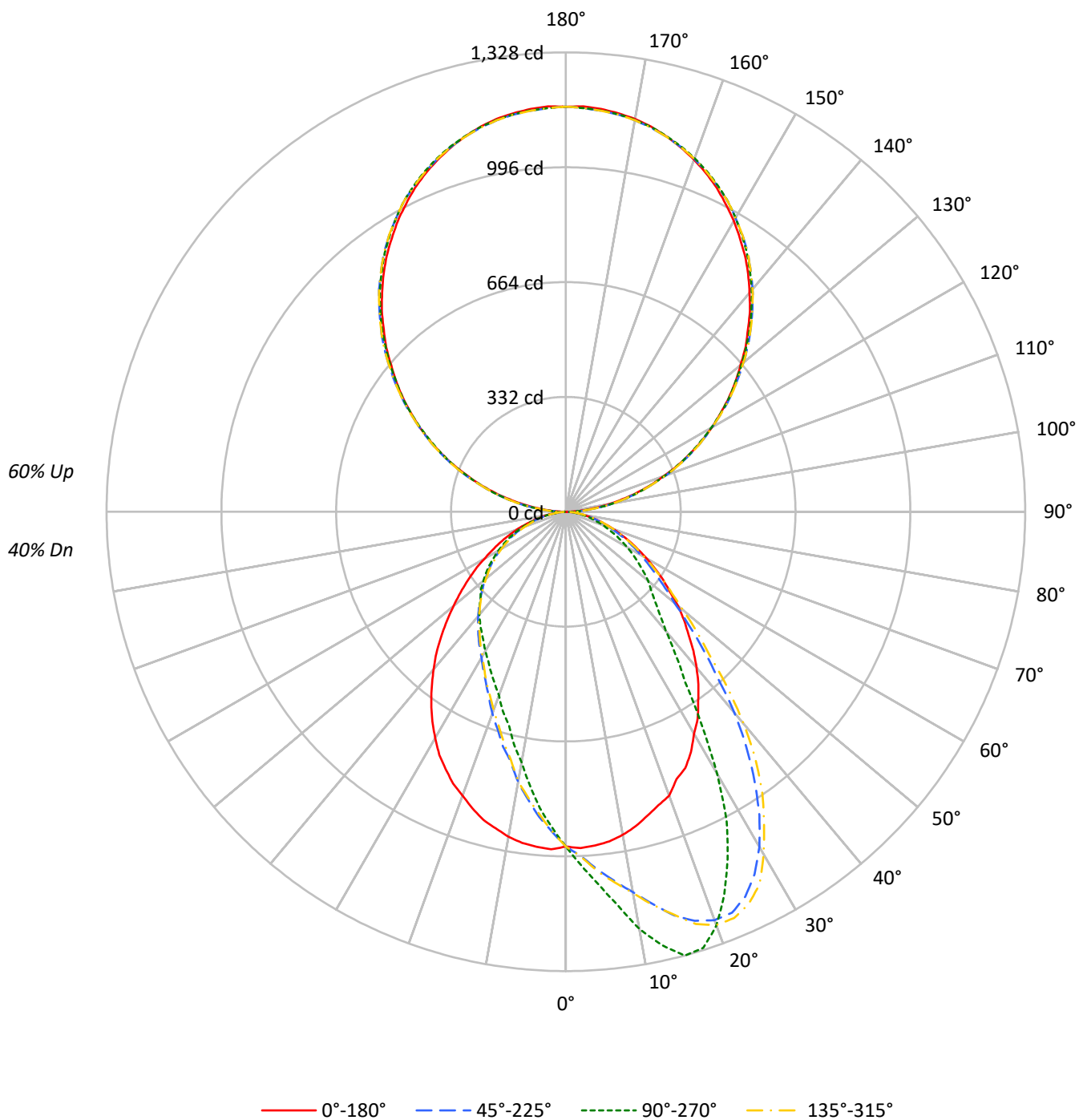
Lumens per Lamp: N/A
Luminaire Lumens: 5412.0 lumens
Efficiency: N/A
Efficacy: 103.1 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 52.5
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: P998640

CATALOG NUMBER: SA2XXDIP-B485D925UB30-4F0-XX-W2A-A1

Luminous Intensity Polar Plot



TEST NUMBER: P998640

CATALOG NUMBER: SA2XXDIP-B485D925UB30-4F0-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	105	105	105	105	95	95	95	95	78	78	78	61	61	61	46	46	46
1	96	92	88	85	87	84	80	78	68	66	64	54	53	52	42	41	40
2	88	80	75	70	79	73	69	64	60	57	54	48	46	44	37	36	34
3	80	71	64	59	73	65	59	54	54	49	46	43	40	37	33	31	30
4	73	63	56	50	67	58	51	46	48	43	39	39	35	32	30	28	26
5	67	56	49	43	61	52	45	40	43	38	34	35	31	28	27	25	23
6	62	51	43	37	57	47	40	35	39	34	30	32	28	25	25	22	20
7	58	46	38	33	52	42	35	31	35	30	26	29	25	22	23	20	18
8	53	42	34	29	49	38	32	27	32	27	23	26	23	20	21	18	16
9	50	38	31	26	45	35	29	24	30	25	21	24	21	18	19	17	15
10	46	35	28	23	42	32	26	22	27	22	19	22	19	16	18	15	13

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: P998640

CATALOG NUMBER: SA2XXDIP-B485D925UB30-4F0-XX-W2A-A1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.2	1.7
10°-20°	268.3	5.0
20°-30°	389.3	7.2
30°-40°	410.4	7.6
40°-50°	363.2	6.7
50°-60°	290.0	5.4
60°-70°	197.0	3.6
70°-80°	100.8	1.9
80°-90°	27.2	0.5
90°-100°	72.4	1.3
100°-110°	230.3	4.3
110°-120°	394.0	7.3
120°-130°	518.2	9.6
130°-140°	581.7	10.7
140°-150°	570.4	10.5
150°-160°	478.5	8.8
160°-170°	317.3	5.9
170°-180°	110.9	2.0
0°-30°	749.8	13.9
0°-40°	1160.2	21.4
0°-60°	1813.4	33.5
0°-90°	2138.3	39.5
90°-120°	696.7	12.9
90°-150°	2367.0	43.7
90°-180°	3274.0	60.5
0°-180°	5412.0	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	34	1	34	1	4
95°	51	61	51	61	51	57
105°	212	219	212	219	212	224
115°	395	395	395	395	395	391
125°	575	577	575	577	575	514
135°	744	753	744	753	744	575
145°	903	913	903	913	903	564
155°	1033	1040	1033	1040	1033	475
165°	1124	1124	1124	1124	1124	317
175°	1169	1165	1169	1165	1169	111
180°	1171	1171	1171	1171	1171	

TEST NUMBER: P998640

CATALOG NUMBER: SA2XXDIP-B485D925UB30-4F0-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°	1.0	3.6	6.2	8.9	11.5	12.8	15.2	20.1	24.9	29.8	34.6
92.5°	21.7	23.5	25.2	27.0	28.7	29.6	29.7	29.9	30.2	30.4	30.6
95°	51.4	53.6	55.8	58.0	60.2	61.3	61.5	61.9	62.4	62.8	63.2
97.5°	86.0	88.0	90.0	91.9	93.9	94.9	95.3	96.2	97.1	97.9	98.8
100°	125.5	127.3	129.0	130.8	132.5	133.4	133.7	134.4	135.1	135.7	136.4
102.5°	167.0	168.3	169.6	170.9	172.2	172.9	173.3	174.2	175.1	176.0	176.9
105°	212.4	213.1	213.7	214.4	215.1	215.4	215.6	216.1	216.5	217.0	217.4
107.5°	257.9	258.8	259.7	260.6	261.5	261.9	261.9	261.9	261.9	261.9	261.9
110°	301.4	302.7	304.0	305.3	306.6	307.3	307.3	307.3	307.3	307.3	307.3

TEST NUMBER: P998640

CATALOG NUMBER: SA2XXDIP-B485D925UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P998640

CATALOG NUMBER: SA2XXDIP-B485D925UB30-4F0-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°	34.2	33.7	33.3	32.8	32.6	32.7	32.9	33.2	33.4	33.6	33.4
92.5°	30.8	31.0	31.3	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6
95°	63.2	63.2	63.2	63.2	63.2	63.0	62.6	62.1	61.7	61.3	61.7
97.5°	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
100°	136.4	136.4	136.4	136.4	136.4	136.3	136.1	135.8	135.6	135.4	135.6
102.5°	177.1	177.3	177.6	177.8	177.9	177.8	177.6	177.3	177.1	176.9	177.1
105°	217.8	218.3	218.7	219.2	219.4	219.4	219.4	219.4	219.4	219.4	219.4
107.5°	262.1	262.3	262.5	262.7	262.8	262.3	261.2	260.1	259.0	257.9	259.0
110°	307.3	307.3	307.3	307.3	307.3	307.0	306.3	305.6	305.0	304.3	305.0

TEST NUMBER: P998640

CATALOG NUMBER: SA2XXDIP-B485D925UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P998640

CATALOG NUMBER: SA2XXDIP-B485D925UB30-4F0-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°	33.2	32.9	32.7	32.6	32.8	33.3	33.7	34.2	34.6	29.8	24.9
92.5°	31.6	31.6	31.6	31.6	31.5	31.3	31.0	30.8	30.6	30.4	30.2
95°	62.1	62.6	63.0	63.2	63.2	63.2	63.2	63.2	63.2	62.8	62.4
97.5°	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	97.9	97.1
100°	135.8	136.1	136.3	136.4	136.4	136.4	136.4	136.4	136.4	135.7	135.1
102.5°	177.3	177.6	177.8	177.9	177.8	177.6	177.3	177.1	176.9	176.0	175.1
105°	219.4	219.4	219.4	219.4	219.2	218.7	218.3	217.8	217.4	217.0	216.5
107.5°	260.1	261.2	262.3	262.8	262.7	262.5	262.3	262.1	261.9	261.9	261.9
110°	305.6	306.3	307.0	307.3	307.3	307.3	307.3	307.3	307.3	307.3	307.3

TEST NUMBER: P998640

CATALOG NUMBER: SA2XXDIP-B485D925UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P998640

CATALOG NUMBER: SA2XXDIP-B485D925UB30-4F0-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°	20.1	15.2	12.8	11.5	8.9	6.2	3.6	1.0	3.6	6.2	8.9
92.5°	29.9	29.7	29.6	28.7	27.0	25.2	23.5	21.7	23.5	25.2	27.0
95°	61.9	61.5	61.3	60.2	58.0	55.8	53.6	51.4	53.6	55.8	58.0
97.5°	96.2	95.3	94.9	93.9	91.9	90.0	88.0	86.0	88.0	90.0	91.9
100°	134.4	133.7	133.4	132.5	130.8	129.0	127.3	125.5	127.3	129.0	130.8
102.5°	174.2	173.3	172.9	172.2	170.9	169.6	168.3	167.0	168.3	169.6	170.9
105°	216.1	215.6	215.4	215.1	214.4	213.7	213.1	212.4	213.1	213.7	214.4
107.5°	261.9	261.9	261.9	261.5	260.6	259.7	258.8	257.9	258.8	259.7	260.6
110°	307.3	307.3	307.3	306.6	305.3	304.0	302.7	301.4	302.7	304.0	305.3

TEST NUMBER: P998640

CATALOG NUMBER: SA2XXDIP-B485D925UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P998640

CATALOG NUMBER: SA2XXDIP-B485D925UB30-4F0-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°	11.5	12.8	15.2	20.1	24.9	29.8	34.6	34.2	33.7	33.3	32.8
92.5°	28.7	29.6	29.7	29.9	30.2	30.4	30.6	30.8	31.0	31.3	31.5
95°	60.2	61.3	61.5	61.9	62.4	62.8	63.2	63.2	63.2	63.2	63.2
97.5°	93.9	94.9	95.3	96.2	97.1	97.9	98.8	98.8	98.8	98.8	98.8
100°	132.5	133.4	133.7	134.4	135.1	135.7	136.4	136.4	136.4	136.4	136.4
102.5°	172.2	172.9	173.3	174.2	175.1	176.0	176.9	177.1	177.3	177.6	177.8
105°	215.1	215.4	215.6	216.1	216.5	217.0	217.4	217.8	218.3	218.7	219.2
107.5°	261.5	261.9	261.9	261.9	261.9	261.9	261.9	262.1	262.3	262.5	262.7
110°	306.6	307.3	307.3	307.3	307.3	307.3	307.3	307.3	307.3	307.3	307.3

TEST NUMBER: P998640

CATALOG NUMBER: SA2XXDIP-B485D925UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P998640

CATALOG NUMBER: SA2XXDIP-B485D925UB30-4F0-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°	32.6	32.7	32.9	33.2	33.4	33.6	33.4	33.2	32.9	32.7	32.6
92.5°	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
95°	63.2	63.0	62.6	62.1	61.7	61.3	61.7	62.1	62.6	63.0	63.2
97.5°	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
100°	136.4	136.3	136.1	135.8	135.6	135.4	135.6	135.8	136.1	136.3	136.4
102.5°	177.9	177.8	177.6	177.3	177.1	176.9	177.1	177.3	177.6	177.8	177.9
105°	219.4	219.4	219.4	219.4	219.4	219.4	219.4	219.4	219.4	219.4	219.4
107.5°	262.8	262.3	261.2	260.1	259.0	257.9	259.0	260.1	261.2	262.3	262.8
110°	307.3	307.0	306.3	305.6	305.0	304.3	305.0	305.6	306.3	307.0	307.3

TEST NUMBER: P998640

CATALOG NUMBER: SA2XXDIP-B485D925UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P998640

CATALOG NUMBER: SA2XXDIP-B485D925UB30-4F0-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°	32.8	33.3	33.7	34.2	34.6	29.8	24.9	20.1	15.2	12.8	11.5
92.5°	31.5	31.3	31.0	30.8	30.6	30.4	30.2	29.9	29.7	29.6	28.7
95°	63.2	63.2	63.2	63.2	63.2	62.8	62.4	61.9	61.5	61.3	60.2
97.5°	98.8	98.8	98.8	98.8	98.8	97.9	97.1	96.2	95.3	94.9	93.9
100°	136.4	136.4	136.4	136.4	136.4	135.7	135.1	134.4	133.7	133.4	132.5
102.5°	177.8	177.6	177.3	177.1	176.9	176.0	175.1	174.2	173.3	172.9	172.2
105°	219.2	218.7	218.3	217.8	217.4	217.0	216.5	216.1	215.6	215.4	215.1
107.5°	262.7	262.5	262.3	262.1	261.9	261.9	261.9	261.9	261.9	261.9	261.5
110°	307.3	307.3	307.3	307.3	307.3	307.3	307.3	307.3	307.3	307.3	306.6

TEST NUMBER: P998640

CATALOG NUMBER: SA2XXDIP-B485D925UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P998640

CATALOG NUMBER: SA2XXDIP-B485D925UB30-4F0-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°	8.9	6.2	3.6	1.0
92.5°	27.0	25.2	23.5	21.7
95°	58.0	55.8	53.6	51.4
97.5°	91.9	90.0	88.0	86.0
100°	130.8	129.0	127.3	125.5
102.5°	170.9	169.6	168.3	167.0
105°	214.4	213.7	213.1	212.4
107.5°	260.6	259.7	258.8	257.9
110°	305.3	304.0	302.7	301.4



TEST NUMBER: P998640

CATALOG NUMBER: SA2XXDIP-B485D925UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P998640

CATALOG NUMBER: SA2XXDIP-B485D925UB30-4F0-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	14.26	15.01	15.31	16.06	17.47	11.75	12.50	12.80	13.55	14.97
	3H	15.06	15.73	16.12	16.79	18.23	13.09	13.76	14.15	14.82	16.25
	4H	15.22	15.86	16.29	16.92	18.36	13.54	14.18	14.61	15.24	16.68
	6H	15.26	15.85	16.34	16.91	18.37	13.85	14.43	14.93	15.49	16.95
	8H	15.24	15.80	16.32	16.88	18.32	13.93	14.48	15.01	15.56	17.01
	12H	15.20	15.73	16.29	16.80	18.27	13.97	14.49	15.05	15.57	17.04
4H	2H	14.29	14.92	15.36	15.98	17.42	12.18	12.82	13.26	13.88	15.32
	3H	15.26	15.79	16.34	16.87	18.33	13.63	14.16	14.72	15.25	16.70
	4H	15.53	16.01	16.62	17.09	18.57	14.16	14.65	15.25	15.73	17.20
	6H	15.65	16.07	16.75	17.17	18.64	14.54	14.95	15.63	16.05	17.52
	8H	15.65	16.04	16.75	17.13	18.62	14.65	15.03	15.74	16.13	17.61
	12H	15.61	15.96	16.72	17.07	18.56	14.70	15.05	15.81	16.15	17.64
8H	4H	15.53	15.92	16.63	17.01	18.50	14.30	14.69	15.40	15.78	17.26
	6H	15.70	16.02	16.82	17.16	18.64	14.73	15.05	15.85	16.18	17.67
	8H	15.73	16.01	16.86	17.13	18.63	14.88	15.16	16.00	16.28	17.78
	12H	15.71	15.96	16.84	17.07	18.61	14.97	15.21	16.09	16.33	17.87
12H	4H	15.48	15.83	16.60	16.94	18.43	14.27	14.62	15.38	15.72	17.21
	6H	15.68	15.96	16.81	17.08	18.58	14.73	15.01	15.85	16.13	17.63
	8H	15.71	15.96	16.84	17.07	18.61	14.88	15.13	16.01	16.24	17.78