

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: P998648

Luminaire Tested: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P998648
REPORT IS A COMBINATION OF REPORTS P984391 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A
Description: Define 2 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

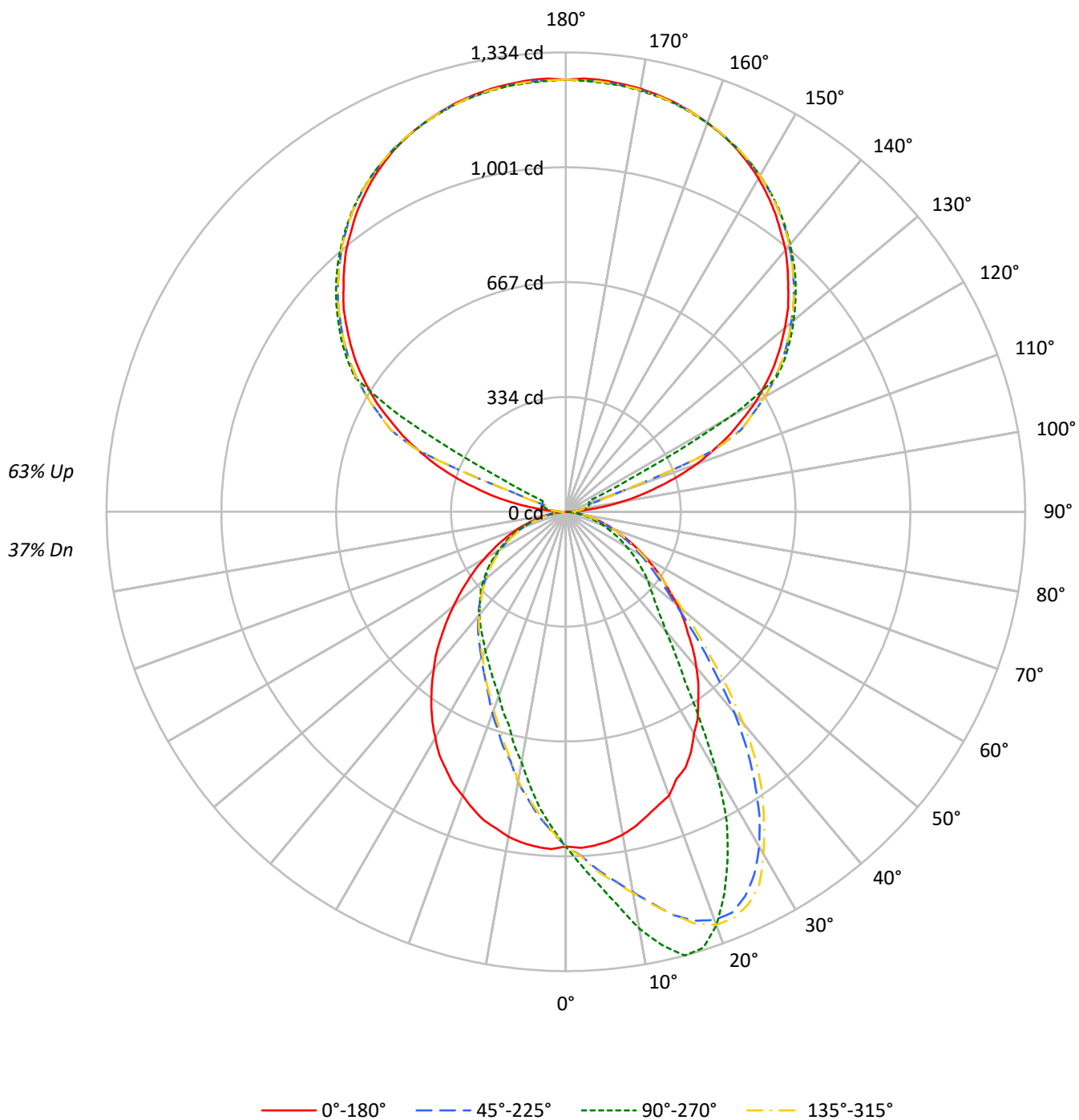
Lumens per Lamp: N/A
Luminaire Lumens: 5825.0 lumens
Efficiency: N/A
Efficacy: 111.0 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	104	104	104	104	94	94	94	94	76	76	76	59	59	59	44	44	44
1	95	91	87	84	86	83	80	77	67	65	63	53	51	50	39	39	38
2	87	80	74	69	79	73	68	64	59	56	53	47	44	42	35	34	32
3	80	71	64	58	72	64	58	54	52	48	45	42	39	36	31	30	28
4	73	63	55	49	66	57	51	46	47	42	38	37	34	31	28	26	24
5	67	56	48	42	61	51	44	39	42	37	33	34	30	27	26	23	21
6	62	50	42	37	56	46	39	34	38	33	29	30	27	24	23	21	19
7	57	45	38	32	52	42	35	30	34	29	26	28	24	21	21	19	17
8	53	41	34	29	48	38	31	27	31	26	23	25	22	19	20	17	15
9	49	38	30	25	45	35	28	24	29	24	20	23	20	17	18	16	14
10	46	34	27	23	42	32	26	21	27	22	18	22	18	16	17	15	13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15383	15383	15383	15383
5°	15419	16401	15478	13049
10°	15240	17905	15336	10758
15°	14871	18885	15077	9062
20°	14638	17732	14638	7877
25°	14172	15233	14236	7044
30°	13404	11974	13659	6380
35°	12724	8280	12937	5837
40°	11943	6252	12079	5404
45°	10979	5138	11158	4937
50°	10147	4510	10163	4520
55°	9196	3842	9254	4066
60°	8181	3210	8296	3549
65°	7277	2610	7408	3031
70°	6370	2049	6535	2445
75°	5348	1487	5555	1772
80°	4176	942	4471	1051
85°	2740	475	2952	350

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 15901 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.6	1.6
10°-20°	269.4	4.6
20°-30°	391.0	6.7
30°-40°	412.2	7.1
40°-50°	364.7	6.3
50°-60°	291.2	5.0
60°-70°	197.8	3.4
70°-80°	101.2	1.7
80°-90°	26.1	0.4
90°-100°	41.4	0.7
100°-110°	154.2	2.6
110°-120°	409.1	7.0
120°-130°	678.5	11.6
130°-140°	720.7	12.4
140°-150°	669.9	11.5
150°-160°	538.5	9.2
160°-170°	347.0	6.0
170°-180°	119.4	2.1
0°-30°	752.9	12.9
0°-40°	1165.1	20.0
0°-60°	1821.1	31.3
0°-90°	2146.2	36.8
90°-120°	604.7	10.4
90°-150°	2673.8	45.9
90°-180°	3679.0	63.2
0°-180°	5825.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	972	972	972	972	972	
5°	972	1085	976	864	972	92
15°	914	1334	926	640	914	258
25°	821	1111	825	514	821	375
35°	670	605	681	426	670	419
45°	503	364	511	350	503	390
55°	345	256	347	271	345	308
65°	205	158	208	183	205	203
75°	96	78	99	93	96	103
85°	19	20	21	15	19	23
90°	1	24	1	24	1	4
95°	59	39	59	39	59	70
105°	276	69	276	69	276	295
115°	522	74	522	74	522	514
125°	738	776	738	776	738	658
135°	913	943	913	943	913	706
145°	1060	1076	1060	1076	1060	663
155°	1167	1168	1167	1168	1167	538
165°	1229	1227	1229	1227	1229	347
175°	1258	1250	1258	1250	1258	120
180°	1255	1255	1255	1255	1255	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8
2.5°	977.0	979.2	983.0	983.7	991.2	997.2	1003.9	1003.9	1006.1	1005.4	999.4
5°	972.5	979.2	988.9	997.2	1010.6	1016.6	1025.5	1032.3	1038.2	1042.7	1042.0
7.5°	965.0	977.0	991.2	1006.9	1024.8	1035.3	1047.9	1059.9	1068.1	1075.6	1080.8
10°	952.3	972.5	991.9	1012.8	1036.0	1050.2	1065.1	1080.8	1093.5	1107.7	1121.1
12.5°	935.2	964.3	988.2	1015.8	1044.2	1059.9	1083.8	1095.8	1120.4	1156.3	1166.0
15°	913.5	953.1	975.5	1010.6	1047.9	1060.6	1093.5	1112.9	1163.7	1186.1	1213.0
17.5°	893.3	937.4	967.3	1007.6	1044.2	1068.9	1101.0	1140.6	1183.1	1215.3	1245.1
20°	876.9	919.5	955.3	1000.1	1046.5	1077.8	1111.4	1159.2	1205.6	1238.4	1261.6
22.5°	839.6	894.1	935.9	986.0	1042.0	1085.3	1117.4	1169.7	1219.7	1239.9	1260.1
25°	820.9	867.9	916.5	973.3	1039.0	1090.5	1118.2	1176.4	1220.5	1228.0	1232.4
27.5°	786.5	839.6	896.3	961.3	1038.2	1081.6	1116.7	1169.7	1204.8	1199.6	1186.1
30°	743.9	808.9	871.7	941.9	1027.8	1074.8	1107.7	1156.3	1174.2	1147.3	1123.4
32.5°	712.6	773.8	843.3	924.7	1015.8	1060.6	1092.8	1130.9	1134.6	1086.0	1045.7
35°	670.0	738.0	816.4	902.3	995.7	1036.0	1065.9	1089.0	1071.1	1003.1	955.3
37.5°	631.9	699.1	782.8	870.2	968.0	1007.6	1031.5	1035.3	991.2	931.4	861.2
40°	590.1	659.5	746.9	838.8	937.4	971.8	986.7	975.5	912.0	842.5	761.1
42.5°	548.2	617.0	711.1	805.2	898.6	927.7	933.7	903.0	825.4	743.9	649.8
45°	502.7	574.4	668.5	763.4	853.7	870.2	870.9	826.9	735.0	649.8	562.4
47.5°	465.3	531.8	625.2	720.0	796.2	807.4	803.0	752.2	652.1	556.5	480.3
50°	424.3	487.7	580.4	673.7	738.7	741.7	730.5	658.0	560.2	472.8	412.3
52.5°	380.2	444.4	529.6	619.2	677.5	673.0	651.3	573.6	481.8	409.3	363.0
55°	345.1	401.9	481.8	569.2	610.2	597.5	573.6	494.5	422.0	360.8	320.4
57.5°	306.2	356.3	434.7	510.9	534.8	522.9	499.0	425.0	357.8	311.5	284.6
60°	269.6	315.2	383.9	447.4	466.1	453.4	425.8	359.3	310.7	271.9	251.7
62.5°	236.0	275.6	333.1	391.4	398.9	386.2	362.3	308.5	266.7	236.0	221.1
65°	204.7	242.0	288.3	332.4	339.1	325.7	301.0	262.2	227.1	207.6	193.5
67.5°	174.0	203.9	245.0	277.1	280.8	268.1	248.0	216.6	194.9	174.0	163.6
70°	147.1	169.6	201.7	227.8	229.3	217.4	206.9	178.5	162.1	147.1	138.9
72.5°	121.0	136.7	161.3	180.8	181.5	174.0	164.3	146.4	132.2	121.8	113.5
75°	95.6	109.1	124.0	141.2	140.4	134.4	127.0	115.8	103.8	97.1	93.4
77.5°	73.2	81.4	93.4	104.6	104.6	101.6	97.1	88.9	81.4	74.7	71.0
80°	52.3	57.5	67.2	71.0	72.5	71.7	68.0	62.0	59.0	53.8	52.3
82.5°	33.6	37.3	41.8	45.6	47.8	46.3	45.6	42.6	38.1	36.6	35.1
85°	19.4	20.9	23.2	25.4	26.1	25.4	26.9	24.6	22.4	22.4	21.7
87.5°	8.2	9.0	10.5	10.5	11.2	11.2	10.5	11.2	11.2	10.5	9.7
90°	0.9	3.1	5.3	7.6	9.8	10.9	11.7	13.3	15.0	16.6	18.2
92.5°	22.7	21.9	21.1	20.3	19.5	19.1	19.4	20.0	20.6	21.2	21.8
95°	59.0	52.4	45.7	39.1	32.4	29.1	29.8	31.2	32.6	34.0	35.4
97.5°	106.2	89.7	73.1	56.6	40.1	31.8	33.4	36.6	39.9	43.1	46.3
100°	160.7	133.1	105.4	77.8	50.1	36.3	38.0	41.5	44.9	48.4	51.8
102.5°	220.6	220.2	219.8	219.4	219.0	218.8	200.4	163.7	127.0	90.3	53.6
105°	276.0	282.1	288.1	294.2	300.3	303.3	275.8	220.7	165.6	110.5	55.4
107.5°	340.5	345.5	350.6	355.6	360.7	363.2	329.2	261.2	193.2	125.2	57.2
110°	402.2	406.4	410.7	414.9	419.2	421.3	392.1	333.8	275.5	217.2	158.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	460.4	464.0	467.6	471.3	474.9	476.7	475.0	471.6	468.1	464.7	461.3
115°	522.1	525.5	528.9	532.4	535.8	537.5	540.0	545.1	550.1	555.2	560.2
117.5°	575.7	579.7	583.7	587.8	591.8	593.8	595.5	599.0	602.4	605.9	609.3
120°	635.6	638.6	641.6	644.7	647.7	649.2	651.0	654.7	658.3	662.0	665.6
122.5°	686.4	689.6	692.9	696.1	699.4	701.0	703.0	707.0	711.1	715.1	719.1
125°	738.2	740.8	743.4	746.1	748.7	750.0	751.9	755.8	759.6	763.5	767.3
127.5°	785.4	788.2	791.0	793.9	796.7	798.1	799.6	802.7	805.7	808.8	811.8
130°	829.9	833.1	836.3	839.6	842.8	844.4	845.5	847.7	850.0	852.2	854.4
132.5°	875.3	877.9	880.5	883.2	885.8	887.1	888.2	890.4	892.7	894.9	897.1
135°	913.4	916.6	919.9	923.1	926.4	928.0	928.9	930.7	932.5	934.3	936.1
137.5°	953.4	955.8	958.2	960.7	963.1	964.3	965.3	967.3	969.4	971.4	973.4
140°	992.4	994.0	995.6	997.3	998.9	999.7	1000.8	1003.0	1005.3	1007.5	1009.7
142.5°	1025.1	1026.5	1027.9	1029.4	1030.8	1031.5	1032.8	1035.4	1038.1	1040.7	1043.3
145°	1059.6	1059.4	1059.2	1059.0	1058.8	1058.7	1060.4	1063.9	1067.3	1070.8	1074.2
147.5°	1089.6	1089.0	1088.4	1087.8	1087.2	1086.9	1088.6	1092.0	1095.5	1098.9	1102.3
150°	1118.7	1117.3	1115.9	1114.4	1113.0	1112.3	1113.9	1117.1	1120.4	1123.6	1126.8
152.5°	1143.2	1141.6	1140.0	1138.3	1136.7	1135.9	1137.4	1140.4	1143.5	1146.5	1149.5
155°	1166.8	1165.0	1163.2	1161.3	1159.5	1158.6	1159.8	1162.2	1164.7	1167.1	1169.5
157.5°	1185.8	1184.2	1182.6	1181.0	1179.4	1178.6	1179.5	1181.3	1183.2	1185.0	1186.8
160°	1202.2	1201.0	1199.8	1198.5	1197.3	1196.7	1197.3	1198.5	1199.8	1201.0	1202.2
162.5°	1216.7	1215.5	1214.3	1213.1	1211.9	1211.3	1211.8	1212.8	1213.8	1214.8	1215.8
165°	1229.4	1228.2	1227.0	1225.8	1224.6	1224.0	1224.3	1224.9	1225.5	1226.1	1226.7
167.5°	1239.4	1238.2	1237.0	1235.8	1234.6	1234.0	1234.3	1234.9	1235.5	1236.1	1236.7
170°	1247.6	1246.4	1245.2	1243.9	1242.7	1242.1	1242.3	1242.7	1243.2	1243.6	1244.0
172.5°	1253.0	1251.8	1250.6	1249.4	1248.2	1247.6	1247.8	1248.2	1248.6	1249.0	1249.4
175°	1257.6	1256.2	1254.8	1253.3	1251.9	1251.2	1251.4	1251.8	1252.2	1252.6	1253.0
177.5°	1259.4	1258.0	1256.6	1255.1	1253.7	1253.0	1253.1	1253.3	1253.5	1253.7	1253.9
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8
2.5°	1009.9	1010.6	1012.1	1019.6	1023.3	1024.0	1021.1	1027.8	1030.0	1027.8	1026.3
5°	1057.7	1062.1	1071.1	1080.8	1080.1	1080.8	1085.3	1089.8	1091.3	1085.3	1087.5
7.5°	1099.5	1108.4	1118.2	1133.1	1133.1	1140.6	1143.6	1147.3	1156.3	1151.8	1150.3
10°	1147.3	1159.2	1177.2	1201.1	1201.8	1209.3	1216.8	1228.7	1232.4	1229.5	1230.9
12.5°	1207.0	1230.2	1231.7	1257.8	1269.8	1271.3	1283.2	1281.0	1288.5	1288.5	1301.2
15°	1233.2	1269.0	1289.2	1314.6	1322.1	1313.1	1322.8	1333.3	1334.0	1334.0	1333.3
17.5°	1280.2	1294.4	1314.6	1328.0	1331.0	1331.0	1331.8	1336.3	1333.3	1327.3	1331.8
20°	1290.0	1295.9	1303.4	1301.9	1303.4	1295.9	1288.5	1281.0	1281.7	1278.0	1289.2
22.5°	1272.0	1270.5	1253.4	1242.2	1242.2	1227.2	1213.0	1206.3	1199.6	1201.8	1205.6
25°	1227.2	1204.1	1183.1	1166.7	1163.0	1139.1	1119.7	1113.7	1102.5	1111.4	1112.9
27.5°	1155.5	1129.4	1095.8	1081.6	1062.1	1052.4	1039.0	1021.1	997.9	1011.3	1009.1
30°	1078.6	1039.7	1012.1	977.7	947.1	944.9	919.5	889.6	877.6	877.6	884.4
32.5°	992.7	941.1	900.8	852.3	822.4	809.7	779.1	749.2	755.9	733.5	741.7
35°	892.6	824.6	773.8	726.8	704.4	689.4	649.8	633.4	615.5	605.0	624.4
37.5°	797.0	718.6	653.6	602.0	593.8	566.9	540.0	529.6	519.1	523.6	522.9
40°	680.5	611.0	552.7	512.4	498.2	485.5	467.6	454.9	448.2	451.9	452.6
42.5°	575.1	516.9	473.6	445.2	433.2	424.3	415.3	404.8	402.6	402.6	405.6
45°	493.7	445.9	416.8	393.6	386.9	380.2	373.5	369.0	367.5	364.5	366.7
47.5°	428.7	390.6	372.7	355.5	348.1	346.6	340.6	338.4	335.4	334.6	335.4
50°	374.2	350.3	333.9	324.2	318.9	316.7	313.7	309.2	307.7	311.5	310.0
52.5°	336.1	313.7	304.7	295.0	292.1	289.1	284.6	285.3	284.6	283.1	283.1
55°	298.0	283.8	274.9	267.4	266.7	263.7	259.9	258.4	257.7	256.2	258.4
57.5°	267.4	256.2	248.0	241.3	238.3	238.3	234.5	231.5	231.5	230.8	231.5
60°	236.8	225.6	220.3	213.6	211.4	210.6	208.4	206.9	204.7	204.7	204.7
62.5°	208.4	199.4	193.5	187.5	188.2	184.5	181.5	180.0	180.0	180.8	180.8
65°	181.5	175.5	168.1	162.8	161.3	160.6	159.1	158.3	156.1	157.6	157.6
67.5°	156.9	148.6	144.2	141.9	139.7	138.9	137.4	135.9	135.2	134.4	135.9
70°	132.2	125.5	121.8	120.3	118.0	117.3	116.5	114.3	115.0	115.8	116.5
72.5°	109.8	103.8	103.1	98.6	98.6	98.6	95.6	97.1	96.4	94.9	96.4
75°	86.6	83.7	82.2	79.9	80.7	79.9	79.2	76.9	76.9	77.7	78.4
77.5°	68.7	65.7	65.0	62.7	61.2	62.7	61.2	60.5	60.5	61.2	61.2
80°	50.8	49.3	47.1	47.1	47.1	46.3	46.3	46.3	45.6	44.8	45.6
82.5°	33.6	33.6	32.9	32.1	32.9	31.4	32.1	32.1	32.1	32.1	32.1
85°	21.7	20.9	20.9	20.2	20.2	20.2	20.9	19.4	19.4	20.2	20.2
87.5°	9.7	9.7	9.7	10.5	9.7	9.7	9.7	10.5	9.7	9.7	9.7
90°	19.2	20.2	21.2	22.2	22.7	22.9	23.3	23.7	24.1	24.5	24.1
92.5°	22.2	22.6	23.0	23.4	23.6	23.7	23.9	24.1	24.3	24.5	24.3
95°	36.4	37.4	38.5	39.5	40.0	39.9	39.7	39.4	39.2	39.0	39.2
97.5°	46.9	47.5	48.1	48.7	49.0	49.1	49.3	49.5	49.7	49.9	49.7
100°	53.4	55.0	56.6	58.2	59.0	59.2	59.6	60.0	60.4	60.8	60.4
102.5°	55.8	58.0	60.3	62.5	63.6	63.9	64.5	65.1	65.7	66.3	65.7
105°	57.6	59.8	62.1	64.3	65.4	65.8	66.6	67.4	68.2	69.0	68.2
107.5°	59.4	61.6	63.9	66.1	67.2	67.6	68.4	69.2	70.0	70.8	70.0
110°	138.7	118.5	98.4	78.2	68.1	68.5	69.3	70.1	70.9	71.7	70.9

TEST NUMBER: P998648

CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	374.3	287.3	200.4	113.4	69.9	70.2	70.8	71.4	72.0	72.6	72.0
115°	466.8	373.4	279.9	186.5	139.8	132.5	118.0	103.5	89.0	74.5	89.0
117.5°	580.4	551.6	522.7	493.8	479.4	453.0	400.1	347.2	294.4	241.5	294.4
120°	668.0	670.4	672.9	675.3	676.5	662.9	635.6	608.4	581.1	553.9	581.1
122.5°	720.3	721.5	722.8	724.0	724.6	724.7	724.9	725.1	725.3	725.5	725.3
125°	768.7	770.1	771.5	772.9	773.6	773.9	774.5	775.1	775.7	776.3	775.7
127.5°	813.8	815.8	817.8	819.8	820.8	820.9	821.1	821.3	821.5	821.7	821.5
130°	856.6	858.8	861.1	863.3	864.4	864.3	864.1	863.9	863.7	863.5	863.7
132.5°	898.9	900.7	902.6	904.4	905.3	905.2	905.0	904.8	904.6	904.4	904.6
135°	938.1	940.1	942.2	944.2	945.2	945.0	944.6	944.2	943.8	943.4	943.8
137.5°	975.4	977.4	979.5	981.5	982.5	982.2	981.6	980.9	980.3	979.7	980.3
140°	1011.5	1013.3	1015.2	1017.0	1017.9	1017.4	1016.4	1015.3	1014.3	1013.3	1014.3
142.5°	1044.9	1046.5	1048.2	1049.8	1050.6	1050.1	1049.1	1048.0	1047.0	1046.0	1047.0
145°	1075.6	1077.0	1078.4	1079.8	1080.5	1080.0	1079.0	1078.0	1077.0	1076.0	1077.0
147.5°	1103.3	1104.3	1105.4	1106.4	1106.9	1106.5	1105.7	1104.8	1104.0	1103.2	1104.0
150°	1128.0	1129.2	1130.5	1131.7	1132.3	1131.8	1130.8	1129.7	1128.7	1127.7	1128.7
152.5°	1150.7	1151.9	1153.2	1154.4	1155.0	1154.3	1152.9	1151.4	1150.0	1148.6	1150.0
155°	1170.7	1171.9	1173.2	1174.4	1175.0	1174.2	1172.6	1170.9	1169.3	1167.7	1169.3
157.5°	1188.2	1189.6	1191.0	1192.4	1193.1	1192.3	1190.7	1189.0	1187.4	1185.8	1187.4
160°	1203.4	1204.6	1205.8	1207.0	1207.6	1206.9	1205.5	1204.1	1202.7	1201.3	1202.7
162.5°	1217.2	1218.6	1220.1	1221.5	1222.2	1221.3	1219.5	1217.6	1215.8	1214.0	1215.8
165°	1228.1	1229.5	1231.0	1232.4	1233.1	1232.4	1231.0	1229.5	1228.1	1226.7	1228.1
167.5°	1238.1	1239.5	1241.0	1242.4	1243.1	1242.2	1240.4	1238.5	1236.7	1234.9	1236.7
170°	1245.4	1246.8	1248.2	1249.6	1250.3	1249.4	1247.6	1245.7	1243.9	1242.1	1243.9
172.5°	1250.8	1252.2	1253.7	1255.1	1255.8	1254.9	1253.1	1251.2	1249.4	1247.6	1249.4
175°	1254.4	1255.8	1257.3	1258.7	1259.4	1258.4	1256.4	1254.3	1252.3	1250.3	1252.3
177.5°	1255.3	1256.7	1258.2	1259.6	1260.3	1259.4	1257.6	1255.7	1253.9	1252.1	1253.9
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P998648

CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8
2.5°	1030.0	1024.8	1020.3	1021.1	1024.8	1021.8	1014.3	1004.6	1000.9	996.4	1000.9
5°	1092.0	1087.5	1078.6	1079.3	1077.1	1074.1	1062.1	1047.2	1047.2	1035.3	1033.8
7.5°	1153.3	1146.5	1140.6	1139.1	1130.9	1124.9	1114.4	1093.5	1085.3	1071.1	1062.9
10°	1222.0	1216.8	1210.0	1201.8	1197.3	1186.9	1169.7	1139.1	1124.1	1104.7	1090.5
12.5°	1291.4	1290.7	1275.8	1259.3	1258.6	1242.2	1230.2	1189.1	1169.0	1142.8	1109.2
15°	1335.5	1331.8	1323.6	1315.4	1317.6	1299.7	1272.8	1224.2	1210.8	1179.4	1143.6
17.5°	1334.8	1334.8	1332.5	1331.0	1328.8	1323.6	1308.6	1276.5	1254.8	1215.3	1181.6
20°	1292.2	1301.9	1304.1	1303.4	1310.9	1314.6	1313.9	1293.7	1276.5	1241.4	1207.0
22.5°	1207.0	1229.5	1239.2	1245.1	1260.8	1269.0	1288.5	1281.0	1276.5	1250.4	1221.2
25°	1127.9	1135.3	1164.5	1166.0	1187.6	1207.8	1227.2	1239.9	1256.3	1246.6	1222.0
27.5°	1025.5	1042.7	1063.6	1079.3	1083.8	1124.9	1157.0	1180.9	1218.2	1221.2	1213.0
30°	909.8	918.0	952.3	973.3	997.2	1027.0	1073.3	1114.4	1148.0	1178.7	1189.1
32.5°	768.6	802.2	822.4	847.8	868.7	921.7	978.5	1031.5	1070.4	1121.9	1144.3
35°	639.4	665.5	699.9	710.3	748.4	793.2	867.2	935.2	994.2	1046.5	1092.0
37.5°	532.6	553.5	590.1	606.5	628.9	686.4	748.4	832.8	903.8	968.0	1024.8
40°	459.4	475.0	502.7	507.9	526.6	578.9	628.9	708.1	802.2	888.9	950.8
42.5°	409.3	416.8	435.5	442.2	454.1	489.2	534.1	608.8	696.1	785.8	873.2
45°	373.5	378.7	389.9	395.9	410.8	426.5	463.1	522.9	591.6	682.0	776.1
47.5°	341.3	348.1	352.6	356.3	364.5	381.7	405.6	449.7	515.4	598.3	689.4
50°	314.5	316.7	324.9	325.7	330.9	342.1	364.5	391.4	443.7	510.9	599.0
52.5°	287.6	289.8	295.0	300.3	302.5	311.5	326.4	348.8	387.7	440.7	519.1
55°	260.7	263.7	268.9	272.6	274.9	282.3	291.3	313.0	343.6	380.9	445.2
57.5°	233.8	240.5	242.0	244.2	248.0	256.2	264.4	277.1	301.0	335.4	382.4
60°	208.4	210.6	215.9	218.1	221.8	226.3	236.8	246.5	263.7	290.6	333.1
62.5°	182.3	187.5	189.7	192.0	194.9	200.2	206.9	217.4	232.3	254.0	287.6
65°	159.8	160.6	165.1	168.1	171.0	174.8	181.5	191.2	200.2	220.3	245.0
67.5°	138.2	139.7	141.2	144.2	147.9	151.6	157.6	162.8	174.0	187.5	206.9
70°	117.3	117.3	121.0	123.2	122.5	127.0	131.5	137.4	145.7	158.3	174.0
72.5°	98.6	97.8	100.8	101.6	103.1	106.1	109.1	115.0	119.5	129.2	141.2
75°	78.4	79.9	81.4	81.4	83.7	85.9	88.9	91.9	97.1	103.1	112.0
77.5°	62.0	62.0	63.5	64.2	66.5	65.7	68.7	71.7	75.4	80.7	87.4
80°	45.6	47.1	47.1	47.1	47.8	48.6	51.5	53.8	56.0	59.8	62.7
82.5°	32.1	32.1	33.6	33.6	33.6	35.1	35.1	35.9	37.3	39.6	41.8
85°	20.2	20.2	20.2	20.9	20.2	20.9	22.4	21.7	22.4	23.9	23.9
87.5°	9.7	9.7	9.7	9.7	9.7	10.5	9.7	10.5	11.2	11.2	11.2
90°	23.7	23.3	22.9	22.7	22.2	21.2	20.2	19.2	18.2	16.6	15.0
92.5°	24.1	23.9	23.7	23.6	23.4	23.0	22.6	22.2	21.8	21.2	20.6
95°	39.4	39.7	39.9	40.0	39.5	38.5	37.4	36.4	35.4	34.0	32.6
97.5°	49.5	49.3	49.1	49.0	48.7	48.1	47.5	46.9	46.3	43.1	39.9
100°	60.0	59.6	59.2	59.0	58.2	56.6	55.0	53.4	51.8	48.4	44.9
102.5°	65.1	64.5	63.9	63.6	62.5	60.3	58.0	55.8	53.6	50.3	47.0
105°	67.4	66.6	65.8	65.4	64.3	62.1	59.8	57.6	55.4	51.0	47.6
107.5°	69.2	68.4	67.6	67.2	66.1	63.9	61.6	59.4	57.2	52.2	49.2
110°	70.1	69.3	68.5	68.1	78.2	98.4	118.5	138.7	158.9	217.2	275.5

TEST NUMBER: P998648

CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	71.4	70.8	70.2	69.9	113.4	200.4	287.3	374.3	461.3	464.7	468.1
115°	103.5	118.0	132.5	139.8	186.5	279.9	373.4	466.8	560.2	555.2	550.1
117.5°	347.2	400.1	453.0	479.4	493.8	522.7	551.6	580.4	609.3	605.9	602.4
120°	608.4	635.6	662.9	676.5	675.3	672.9	670.4	668.0	665.6	662.0	658.3
122.5°	725.1	724.9	724.7	724.6	724.0	722.8	721.5	720.3	719.1	715.1	711.1
125°	775.1	774.5	773.9	773.6	772.9	771.5	770.1	768.7	767.3	763.5	759.6
127.5°	821.3	821.1	820.9	820.8	819.8	817.8	815.8	813.8	811.8	808.8	805.7
130°	863.9	864.1	864.3	864.4	863.3	861.1	858.8	856.6	854.4	852.2	850.0
132.5°	904.8	905.0	905.2	905.3	904.4	902.6	900.7	898.9	897.1	894.9	892.7
135°	944.2	944.6	945.0	945.2	944.2	942.2	940.1	938.1	936.1	934.3	932.5
137.5°	980.9	981.6	982.2	982.5	981.5	979.5	977.4	975.4	973.4	971.4	969.4
140°	1015.3	1016.4	1017.4	1017.9	1017.0	1015.2	1013.3	1011.5	1009.7	1007.5	1005.3
142.5°	1048.0	1049.1	1050.1	1050.6	1049.8	1048.2	1046.5	1044.9	1043.3	1040.7	1038.1
145°	1078.0	1079.0	1080.0	1080.5	1079.8	1078.4	1077.0	1075.6	1074.2	1070.8	1067.3
147.5°	1104.8	1105.7	1106.5	1106.9	1106.4	1105.4	1104.3	1103.3	1102.3	1098.9	1095.5
150°	1129.7	1130.8	1131.8	1132.3	1131.7	1130.5	1129.2	1128.0	1126.8	1123.6	1120.4
152.5°	1151.4	1152.9	1154.3	1155.0	1154.4	1153.2	1151.9	1150.7	1149.5	1146.5	1143.5
155°	1170.9	1172.6	1174.2	1175.0	1174.4	1173.2	1171.9	1170.7	1169.5	1167.1	1164.7
157.5°	1189.0	1190.7	1192.3	1193.1	1192.4	1191.0	1189.6	1188.2	1186.8	1185.0	1183.2
160°	1204.1	1205.5	1206.9	1207.6	1207.0	1205.8	1204.6	1203.4	1202.2	1201.0	1199.8
162.5°	1217.6	1219.5	1221.3	1222.2	1221.5	1220.1	1218.6	1217.2	1215.8	1214.8	1213.8
165°	1229.5	1231.0	1232.4	1233.1	1232.4	1231.0	1229.5	1228.1	1226.7	1226.1	1225.5
167.5°	1238.5	1240.4	1242.2	1243.1	1242.4	1241.0	1239.5	1238.1	1236.7	1236.1	1235.5
170°	1245.7	1247.6	1249.4	1250.3	1249.6	1248.2	1246.8	1245.4	1244.0	1243.6	1243.2
172.5°	1251.2	1253.1	1254.9	1255.8	1255.1	1253.7	1252.2	1250.8	1249.4	1249.0	1248.6
175°	1254.3	1256.4	1258.4	1259.4	1258.7	1257.3	1255.8	1254.4	1253.0	1252.6	1252.2
177.5°	1255.7	1257.6	1259.4	1260.3	1259.6	1258.2	1256.7	1255.3	1253.9	1253.7	1253.5
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P998648

CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8
2.5°	997.2	993.4	991.2	992.7	988.2	977.0	977.0	980.7	976.2	971.8	965.0
5°	1024.8	1017.3	1012.8	1012.1	1001.6	983.7	980.0	976.2	966.5	956.1	944.9
7.5°	1051.7	1038.2	1030.8	1025.5	1010.6	987.4	977.7	969.5	953.8	938.1	924.0
10°	1074.1	1054.7	1045.7	1037.5	1018.1	988.9	973.3	958.3	938.1	918.0	900.1
12.5°	1092.0	1069.6	1058.4	1046.5	1022.6	984.5	965.0	941.1	921.0	894.1	876.2
15°	1121.9	1075.6	1065.1	1053.9	1029.3	977.0	953.1	926.2	898.6	862.7	843.3
17.5°	1145.8	1083.8	1083.1	1059.2	1027.0	974.0	937.4	902.3	872.4	836.6	805.9
20°	1160.0	1096.5	1084.5	1059.9	1019.6	953.8	915.7	876.9	844.8	801.5	770.8
22.5°	1171.9	1114.4	1083.1	1053.2	1003.9	947.1	891.1	854.5	810.4	763.4	734.2
25°	1176.4	1118.2	1085.3	1050.9	992.7	927.7	864.2	824.6	775.3	732.7	693.2
27.5°	1177.2	1117.4	1077.1	1041.2	977.0	902.3	837.3	795.5	741.0	691.7	652.1
30°	1169.7	1109.2	1072.6	1033.8	962.1	879.1	804.4	758.1	699.9	650.6	609.5
32.5°	1147.3	1092.8	1062.9	1020.3	942.6	847.0	773.1	721.5	660.3	611.7	572.2
35°	1109.9	1072.6	1039.7	1000.1	917.2	817.1	741.7	681.2	619.2	572.9	535.6
37.5°	1063.6	1043.5	1012.8	974.0	888.1	790.3	706.6	639.4	577.4	532.6	496.0
40°	1000.9	1006.1	976.2	941.1	853.7	753.7	661.0	596.8	538.5	496.7	460.9
42.5°	932.9	954.6	937.4	903.8	815.7	713.3	627.4	556.5	499.7	456.4	426.5
45°	859.7	897.1	886.6	862.0	776.1	670.7	579.6	510.9	460.9	419.0	392.9
47.5°	779.8	832.8	832.8	814.9	732.0	628.2	538.5	468.3	419.0	389.2	363.8
50°	698.4	758.1	767.8	755.9	682.7	579.6	488.5	425.0	382.4	353.3	334.6
52.5°	613.2	682.7	700.6	694.6	630.4	533.3	447.4	385.4	346.6	321.2	304.7
55°	531.8	612.5	631.9	634.1	574.4	482.5	401.9	347.3	310.0	292.8	278.6
57.5°	454.9	532.6	554.2	558.0	517.6	436.2	359.3	311.5	277.9	263.7	252.5
60°	389.2	454.1	482.5	490.7	455.6	382.4	319.7	273.4	248.0	234.5	224.1
62.5°	335.4	387.7	417.5	419.8	404.1	335.4	278.6	239.8	218.1	206.2	200.9
65°	283.1	330.1	348.1	357.0	344.3	290.6	240.5	208.4	191.2	180.8	175.5
67.5°	241.3	271.1	286.1	298.0	285.3	245.0	204.7	178.5	165.8	155.4	152.4
70°	197.9	222.6	233.8	245.7	234.5	203.9	174.8	150.9	139.7	131.5	127.7
72.5°	158.3	177.8	188.2	195.7	189.0	163.6	139.7	123.2	115.0	109.1	106.8
75°	125.5	138.9	144.9	150.1	147.1	127.7	112.8	99.3	91.9	86.6	85.2
77.5°	95.6	105.3	112.0	113.5	109.8	97.1	84.4	76.2	70.2	67.2	65.7
80°	68.0	73.9	77.7	79.9	76.2	71.0	62.0	56.0	50.8	47.1	46.3
82.5°	45.6	48.6	51.5	50.8	49.3	44.8	39.6	36.6	34.4	31.4	31.4
85°	26.1	26.9	28.4	29.1	28.4	25.4	22.4	20.9	19.4	17.2	17.2
87.5°	11.2	12.0	12.0	12.7	11.2	11.2	9.7	8.2	8.2	7.5	6.7
90°	13.3	11.7	10.9	9.8	7.6	5.3	3.1	0.9	3.1	5.3	7.6
92.5°	20.0	19.4	19.1	19.5	20.3	21.1	21.9	22.7	21.9	21.1	20.3
95°	31.2	29.8	29.1	32.4	39.1	45.7	52.4	59.0	52.4	45.7	39.1
97.5°	36.6	33.4	31.8	40.1	56.6	73.1	89.7	106.2	89.7	73.1	56.6
100°	41.5	38.0	36.3	50.1	77.8	105.4	133.1	160.7	133.1	105.4	77.8
102.5°	163.7	200.4	218.8	219.0	219.4	219.8	220.2	220.6	220.2	219.8	219.4
105°	220.7	275.8	303.3	300.3	294.2	288.1	282.1	276.0	282.1	288.1	294.2
107.5°	261.2	329.2	363.2	360.7	355.6	350.6	345.5	340.5	345.5	350.6	355.6
110°	333.8	392.1	421.3	419.2	414.9	410.7	406.4	402.2	406.4	410.7	414.9

TEST NUMBER: P998648

CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	471.6	475.0	476.7	474.9	471.3	467.6	464.0	460.4	464.0	467.6	471.3
115°	545.1	540.0	537.5	535.8	532.4	528.9	525.5	522.1	525.5	528.9	532.4
117.5°	599.0	595.5	593.8	591.8	587.8	583.7	579.7	575.7	579.7	583.7	587.8
120°	654.7	651.0	649.2	647.7	644.7	641.6	638.6	635.6	638.6	641.6	644.7
122.5°	707.0	703.0	701.0	699.4	696.1	692.9	689.6	686.4	689.6	692.9	696.1
125°	755.8	751.9	750.0	748.7	746.1	743.4	740.8	738.2	740.8	743.4	746.1
127.5°	802.7	799.6	798.1	796.7	793.9	791.0	788.2	785.4	788.2	791.0	793.9
130°	847.7	845.5	844.4	842.8	839.6	836.3	833.1	829.9	833.1	836.3	839.6
132.5°	890.4	888.2	887.1	885.8	883.2	880.5	877.9	875.3	877.9	880.5	883.2
135°	930.7	928.9	928.0	926.4	923.1	919.9	916.6	913.4	916.6	919.9	923.1
137.5°	967.3	965.3	964.3	963.1	960.7	958.2	955.8	953.4	955.8	958.2	960.7
140°	1003.0	1000.8	999.7	998.9	997.3	995.6	994.0	992.4	994.0	995.6	997.3
142.5°	1035.4	1032.8	1031.5	1030.8	1029.4	1027.9	1026.5	1025.1	1026.5	1027.9	1029.4
145°	1063.9	1060.4	1058.7	1058.8	1059.0	1059.2	1059.4	1059.6	1059.4	1059.2	1059.0
147.5°	1092.0	1088.6	1086.9	1087.2	1087.8	1088.4	1089.0	1089.6	1089.0	1088.4	1087.8
150°	1117.1	1113.9	1112.3	1113.0	1114.4	1115.9	1117.3	1118.7	1117.3	1115.9	1114.4
152.5°	1140.4	1137.4	1135.9	1136.7	1138.3	1140.0	1141.6	1143.2	1141.6	1140.0	1138.3
155°	1162.2	1159.8	1158.6	1159.5	1161.3	1163.2	1165.0	1166.8	1165.0	1163.2	1161.3
157.5°	1181.3	1179.5	1178.6	1179.4	1181.0	1182.6	1184.2	1185.8	1184.2	1182.6	1181.0
160°	1198.5	1197.3	1196.7	1197.3	1198.5	1199.8	1201.0	1202.2	1201.0	1199.8	1198.5
162.5°	1212.8	1211.8	1211.3	1211.9	1213.1	1214.3	1215.5	1216.7	1215.5	1214.3	1213.1
165°	1224.9	1224.3	1224.0	1224.6	1225.8	1227.0	1228.2	1229.4	1228.2	1227.0	1225.8
167.5°	1234.9	1234.3	1234.0	1234.6	1235.8	1237.0	1238.2	1239.4	1238.2	1237.0	1235.8
170°	1242.7	1242.3	1242.1	1242.7	1243.9	1245.2	1246.4	1247.6	1246.4	1245.2	1243.9
172.5°	1248.2	1247.8	1247.6	1248.2	1249.4	1250.6	1251.8	1253.0	1251.8	1250.6	1249.4
175°	1251.8	1251.4	1251.2	1251.9	1253.3	1254.8	1256.2	1257.6	1256.2	1254.8	1253.3
177.5°	1253.3	1253.1	1253.0	1253.7	1255.1	1256.6	1258.0	1259.4	1258.0	1256.6	1255.1
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P998648

CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8
2.5°	961.3	965.0	964.3	956.8	948.6	941.9	929.2	930.7	926.2	926.9	931.4
5°	937.4	937.4	934.4	924.0	910.5	903.0	888.9	885.1	876.2	875.4	874.7
7.5°	912.0	908.3	904.5	889.6	873.2	861.2	841.8	837.3	828.3	822.4	819.4
10°	882.1	876.9	869.4	852.3	832.1	817.1	797.0	791.0	773.8	766.4	761.9
12.5°	849.3	846.3	834.3	820.1	787.3	770.8	741.7	747.7	730.5	715.6	713.3
15°	816.4	805.2	798.5	775.3	735.7	728.3	705.1	693.2	677.5	665.5	665.5
17.5°	784.3	767.1	752.2	727.5	698.4	677.5	660.3	654.3	634.9	622.9	620.7
20°	741.7	722.3	718.6	683.4	663.3	640.1	623.7	608.8	594.6	589.3	585.6
22.5°	701.4	679.0	673.0	643.1	622.9	599.8	583.4	572.9	562.4	558.7	552.0
25°	658.0	644.6	635.6	603.5	581.1	559.5	548.2	540.8	531.1	530.3	525.8
27.5°	616.2	603.5	594.6	563.9	547.5	527.3	518.4	510.2	504.9	502.7	500.4
30°	580.4	566.2	555.7	533.3	513.1	496.7	489.2	484.0	481.0	477.3	476.5
32.5°	540.8	532.6	518.4	501.2	485.5	469.8	465.3	461.6	457.1	455.6	454.9
35°	507.2	496.0	487.0	467.6	460.9	447.4	442.2	439.2	433.2	431.7	430.2
37.5°	474.3	463.8	454.1	442.2	429.5	422.0	419.0	414.5	411.6	412.3	410.8
40°	441.4	433.2	425.8	413.1	405.6	401.9	395.9	391.4	389.9	390.6	389.9
42.5°	409.3	401.9	397.4	387.7	380.2	376.5	372.7	368.2	370.5	370.5	372.7
45°	380.2	373.5	370.5	363.0	358.5	352.6	348.8	348.1	351.1	350.3	350.3
47.5°	350.3	348.1	344.3	337.6	331.6	327.9	327.2	327.2	330.1	331.6	330.9
50°	327.2	322.7	318.2	313.0	308.5	307.0	304.7	306.2	309.2	309.2	310.7
52.5°	298.0	295.0	293.5	289.1	286.1	286.1	286.1	286.8	289.1	291.3	290.6
55°	272.6	270.4	268.9	266.7	262.9	263.7	262.9	264.4	266.7	268.9	270.4
57.5°	245.7	245.0	243.5	239.8	239.8	239.0	241.3	242.0	245.7	247.2	249.5
60°	221.8	219.6	219.6	216.6	216.6	216.6	218.9	221.1	224.1	224.8	226.3
62.5°	196.4	196.4	195.7	193.5	193.5	195.7	196.4	199.4	200.9	200.9	203.2
65°	172.5	171.8	171.0	171.8	172.5	172.5	174.8	176.3	177.8	178.5	179.3
67.5°	148.6	147.9	149.4	148.6	150.1	153.1	152.4	154.6	156.9	156.9	157.6
70°	126.2	127.7	127.0	128.5	127.7	129.2	131.5	132.2	132.2	133.0	135.2
72.5°	105.3	105.3	105.3	104.6	105.3	106.8	108.3	109.1	110.5	111.3	113.5
75°	85.2	85.2	83.7	85.2	85.2	86.6	88.1	88.1	88.1	89.6	91.9
77.5°	64.2	65.0	64.2	65.7	65.7	66.5	68.0	67.2	68.7	69.5	70.2
80°	47.1	46.3	46.3	46.3	47.1	47.1	48.6	49.3	49.3	51.5	50.0
82.5°	29.9	30.6	29.9	30.6	30.6	31.4	30.6	31.4	32.1	33.6	32.9
85°	17.2	16.4	16.4	17.2	16.4	16.4	17.2	16.4	17.2	16.4	17.2
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°	9.8	10.9	11.7	13.3	15.0	16.6	18.2	19.2	20.2	21.2	22.2
92.5°	19.5	19.1	19.4	20.0	20.6	21.2	21.8	22.2	22.6	23.0	23.4
95°	32.4	29.1	29.8	31.2	32.6	34.0	35.4	36.4	37.4	38.5	39.5
97.5°	40.1	31.8	33.4	36.6	39.9	43.1	46.3	46.9	47.5	48.1	48.7
100°	50.1	36.3	38.0	41.5	44.9	48.4	51.8	53.4	55.0	56.6	58.2
102.5°	219.0	218.8	200.4	163.7	127.0	90.3	53.6	55.8	58.0	60.3	62.5
105°	300.3	303.3	275.8	220.7	165.6	110.5	55.4	57.6	59.8	62.1	64.3
107.5°	360.7	363.2	329.2	261.2	193.2	125.2	57.2	59.4	61.6	63.9	66.1
110°	419.2	421.3	392.1	333.8	275.5	217.2	158.9	138.7	118.5	98.4	78.2

TEST NUMBER: P998648

CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	474.9	476.7	475.0	471.6	468.1	464.7	461.3	374.3	287.3	200.4	113.4
115°	535.8	537.5	540.0	545.1	550.1	555.2	560.2	466.8	373.4	279.9	186.5
117.5°	591.8	593.8	595.5	599.0	602.4	605.9	609.3	580.4	551.6	522.7	493.8
120°	647.7	649.2	651.0	654.7	658.3	662.0	665.6	668.0	670.4	672.9	675.3
122.5°	699.4	701.0	703.0	707.0	711.1	715.1	719.1	720.3	721.5	722.8	724.0
125°	748.7	750.0	751.9	755.8	759.6	763.5	767.3	768.7	770.1	771.5	772.9
127.5°	796.7	798.1	799.6	802.7	805.7	808.8	811.8	813.8	815.8	817.8	819.8
130°	842.8	844.4	845.5	847.7	850.0	852.2	854.4	856.6	858.8	861.1	863.3
132.5°	885.8	887.1	888.2	890.4	892.7	894.9	897.1	898.9	900.7	902.6	904.4
135°	926.4	928.0	928.9	930.7	932.5	934.3	936.1	938.1	940.1	942.2	944.2
137.5°	963.1	964.3	965.3	967.3	969.4	971.4	973.4	975.4	977.4	979.5	981.5
140°	998.9	999.7	1000.8	1003.0	1005.3	1007.5	1009.7	1011.5	1013.3	1015.2	1017.0
142.5°	1030.8	1031.5	1032.8	1035.4	1038.1	1040.7	1043.3	1044.9	1046.5	1048.2	1049.8
145°	1058.8	1058.7	1060.4	1063.9	1067.3	1070.8	1074.2	1075.6	1077.0	1078.4	1079.8
147.5°	1087.2	1086.9	1088.6	1092.0	1095.5	1098.9	1102.3	1103.3	1104.3	1105.4	1106.4
150°	1113.0	1112.3	1113.9	1117.1	1120.4	1123.6	1126.8	1128.0	1129.2	1130.5	1131.7
152.5°	1136.7	1135.9	1137.4	1140.4	1143.5	1146.5	1149.5	1150.7	1151.9	1153.2	1154.4
155°	1159.5	1158.6	1159.8	1162.2	1164.7	1167.1	1169.5	1170.7	1171.9	1173.2	1174.4
157.5°	1179.4	1178.6	1179.5	1181.3	1183.2	1185.0	1186.8	1188.2	1189.6	1191.0	1192.4
160°	1197.3	1196.7	1197.3	1198.5	1199.8	1201.0	1202.2	1203.4	1204.6	1205.8	1207.0
162.5°	1211.9	1211.3	1211.8	1212.8	1213.8	1214.8	1215.8	1217.2	1218.6	1220.1	1221.5
165°	1224.6	1224.0	1224.3	1224.9	1225.5	1226.1	1226.7	1228.1	1229.5	1231.0	1232.4
167.5°	1234.6	1234.0	1234.3	1234.9	1235.5	1236.1	1236.7	1238.1	1239.5	1241.0	1242.4
170°	1242.7	1242.1	1242.3	1242.7	1243.2	1243.6	1244.0	1245.4	1246.8	1248.2	1249.6
172.5°	1248.2	1247.6	1247.8	1248.2	1248.6	1249.0	1249.4	1250.8	1252.2	1253.7	1255.1
175°	1251.9	1251.2	1251.4	1251.8	1252.2	1252.6	1253.0	1254.4	1255.8	1257.3	1258.7
177.5°	1253.7	1253.0	1253.1	1253.3	1253.5	1253.7	1253.9	1255.3	1256.7	1258.2	1259.6
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P998648

CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8
2.5°	926.2	928.4	923.2	921.7	923.2	918.0	919.5	921.0	921.0	923.2	924.7
5°	872.4	869.4	864.2	862.7	861.2	863.5	862.0	864.2	864.9	870.2	870.9
7.5°	819.4	814.9	810.4	805.9	804.4	800.7	804.4	804.4	809.7	808.2	811.9
10°	756.6	755.9	749.9	747.7	744.7	738.7	746.9	744.7	748.4	755.1	756.6
12.5°	710.3	702.1	705.9	695.4	699.1	693.2	693.9	693.9	699.9	700.6	699.1
15°	666.3	659.5	649.8	645.4	643.1	640.1	649.8	650.6	646.1	656.6	652.8
17.5°	621.4	621.4	612.5	610.2	604.3	607.3	605.8	606.5	605.0	612.5	616.2
20°	582.6	578.9	575.9	576.6	569.2	567.7	566.2	567.7	572.9	578.1	579.6
22.5°	551.2	549.0	541.5	543.0	537.0	539.3	537.8	541.5	542.3	542.3	547.5
25°	521.4	518.4	519.1	516.1	513.9	513.9	511.6	513.9	516.9	518.4	519.1
27.5°	499.0	496.7	493.0	490.7	492.2	488.5	491.5	493.7	493.7	492.2	493.7
30°	472.1	473.6	473.6	466.1	469.1	467.6	469.8	471.3	471.3	472.1	470.6
32.5°	454.1	449.7	448.9	448.2	448.2	445.2	445.2	447.4	448.2	448.9	451.1
35°	430.2	430.2	426.5	428.7	425.8	426.5	425.8	426.5	428.0	425.8	428.0
37.5°	408.6	409.3	407.8	409.3	410.1	408.6	407.1	410.1	408.6	408.6	407.1
40°	389.9	389.2	389.9	389.9	389.9	390.6	389.2	389.2	389.2	387.7	386.2
42.5°	374.2	369.7	371.2	372.0	369.7	369.7	370.5	369.7	372.0	367.5	367.5
45°	351.8	350.3	351.1	351.1	352.6	350.3	351.8	352.6	350.3	349.6	348.1
47.5°	331.6	333.1	331.6	333.1	333.1	334.6	331.6	332.4	333.1	330.1	327.9
50°	311.5	311.5	313.7	313.0	313.7	312.2	312.2	311.5	312.2	310.7	308.5
52.5°	292.8	290.6	294.3	293.5	292.8	292.1	291.3	292.1	290.6	289.1	289.1
55°	269.6	269.6	271.9	272.6	272.6	271.1	269.6	270.4	269.6	268.9	268.1
57.5°	251.0	248.0	249.5	250.2	250.2	248.0	249.5	248.0	248.0	248.7	246.5
60°	227.1	227.1	225.6	227.8	227.8	226.3	226.3	227.1	225.6	224.8	224.1
62.5°	201.7	202.4	204.7	205.4	206.2	204.7	203.2	203.9	203.9	201.7	202.4
65°	180.0	181.5	184.5	183.7	182.3	183.0	181.5	182.3	180.0	180.8	178.5
67.5°	159.1	158.3	159.1	159.1	160.6	159.8	158.3	158.3	157.6	159.8	157.6
70°	136.7	136.7	136.7	136.7	137.4	138.2	136.7	135.2	135.9	134.4	133.7
72.5°	113.5	114.3	113.5	115.0	112.8	114.3	114.3	113.5	112.8	112.8	112.8
75°	91.9	93.4	91.1	91.9	91.1	92.6	91.9	91.9	90.4	89.6	90.4
77.5°	70.2	71.0	69.5	70.2	69.5	70.2	70.2	69.5	69.5	69.5	69.5
80°	50.0	50.8	50.0	49.3	48.6	50.0	48.6	49.3	50.0	49.3	50.8
82.5°	32.1	32.1	31.4	32.1	30.6	30.6	31.4	31.4	30.6	32.1	30.6
85°	15.7	15.7	17.2	15.7	14.9	14.9	14.9	15.7	14.9	16.4	15.7
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°	22.7	22.9	23.3	23.7	24.1	24.5	24.1	23.7	23.3	22.9	22.7
92.5°	23.6	23.7	23.9	24.1	24.3	24.5	24.3	24.1	23.9	23.7	23.6
95°	40.0	39.9	39.7	39.4	39.2	39.0	39.2	39.4	39.7	39.9	40.0
97.5°	49.0	49.1	49.3	49.5	49.7	49.9	49.7	49.5	49.3	49.1	49.0
100°	59.0	59.2	59.6	60.0	60.4	60.8	60.4	60.0	59.6	59.2	59.0
102.5°	63.6	63.9	64.5	65.1	65.7	66.3	65.7	65.1	64.5	63.9	63.6
105°	65.4	65.8	66.6	67.4	68.2	69.0	68.2	67.4	66.6	65.8	65.4
107.5°	67.2	67.6	68.4	69.2	70.0	70.8	70.0	69.2	68.4	67.6	67.2
110°	68.1	68.5	69.3	70.1	70.9	71.7	70.9	70.1	69.3	68.5	68.1

TEST NUMBER: P998648

CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	69.9	70.2	70.8	71.4	72.0	72.6	72.0	71.4	70.8	70.2	69.9
115°	139.8	132.5	118.0	103.5	89.0	74.5	89.0	103.5	118.0	132.5	139.8
117.5°	479.4	453.0	400.1	347.2	294.4	241.5	294.4	347.2	400.1	453.0	479.4
120°	676.5	662.9	635.6	608.4	581.1	553.9	581.1	608.4	635.6	662.9	676.5
122.5°	724.6	724.7	724.9	725.1	725.3	725.5	725.3	725.1	724.9	724.7	724.6
125°	773.6	773.9	774.5	775.1	775.7	776.3	775.7	775.1	774.5	773.9	773.6
127.5°	820.8	820.9	821.1	821.3	821.5	821.7	821.5	821.3	821.1	820.9	820.8
130°	864.4	864.3	864.1	863.9	863.7	863.5	863.7	863.9	864.1	864.3	864.4
132.5°	905.3	905.2	905.0	904.8	904.6	904.4	904.6	904.8	905.0	905.2	905.3
135°	945.2	945.0	944.6	944.2	943.8	943.4	943.8	944.2	944.6	945.0	945.2
137.5°	982.5	982.2	981.6	980.9	980.3	979.7	980.3	980.9	981.6	982.2	982.5
140°	1017.9	1017.4	1016.4	1015.3	1014.3	1013.3	1014.3	1015.3	1016.4	1017.4	1017.9
142.5°	1050.6	1050.1	1049.1	1048.0	1047.0	1046.0	1047.0	1048.0	1049.1	1050.1	1050.6
145°	1080.5	1080.0	1079.0	1078.0	1077.0	1076.0	1077.0	1078.0	1079.0	1080.0	1080.5
147.5°	1106.9	1106.5	1105.7	1104.8	1104.0	1103.2	1104.0	1104.8	1105.7	1106.5	1106.9
150°	1132.3	1131.8	1130.8	1129.7	1128.7	1127.7	1128.7	1129.7	1130.8	1131.8	1132.3
152.5°	1155.0	1154.3	1152.9	1151.4	1150.0	1148.6	1150.0	1151.4	1152.9	1154.3	1155.0
155°	1175.0	1174.2	1172.6	1170.9	1169.3	1167.7	1169.3	1170.9	1172.6	1174.2	1175.0
157.5°	1193.1	1192.3	1190.7	1189.0	1187.4	1185.8	1187.4	1189.0	1190.7	1192.3	1193.1
160°	1207.6	1206.9	1205.5	1204.1	1202.7	1201.3	1202.7	1204.1	1205.5	1206.9	1207.6
162.5°	1222.2	1221.3	1219.5	1217.6	1215.8	1214.0	1215.8	1217.6	1219.5	1221.3	1222.2
165°	1233.1	1232.4	1231.0	1229.5	1228.1	1226.7	1228.1	1229.5	1231.0	1232.4	1233.1
167.5°	1243.1	1242.2	1240.4	1238.5	1236.7	1234.9	1236.7	1238.5	1240.4	1242.2	1243.1
170°	1250.3	1249.4	1247.6	1245.7	1243.9	1242.1	1243.9	1245.7	1247.6	1249.4	1250.3
172.5°	1255.8	1254.9	1253.1	1251.2	1249.4	1247.6	1249.4	1251.2	1253.1	1254.9	1255.8
175°	1259.4	1258.4	1256.4	1254.3	1252.3	1250.3	1252.3	1254.3	1256.4	1258.4	1259.4
177.5°	1260.3	1259.4	1257.6	1255.7	1253.9	1252.1	1253.9	1255.7	1257.6	1259.4	1260.3
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P998648

CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8	971.8
2.5°	922.5	928.4	926.2	918.0	927.7	927.7	934.4	934.4	942.6	945.6	950.1
5°	870.2	874.7	878.4	874.7	881.4	891.8	897.8	903.0	914.2	918.7	925.5
7.5°	814.2	822.4	826.1	826.1	837.3	849.3	861.2	868.7	884.4	890.3	897.1
10°	759.6	769.3	776.8	776.1	794.7	802.2	817.1	834.3	850.0	859.0	868.7
12.5°	702.1	707.3	717.8	732.7	737.2	750.7	767.8	789.5	817.9	826.1	840.3
15°	654.3	668.5	676.7	683.4	693.9	706.6	725.3	746.2	774.6	792.5	807.4
17.5°	614.0	632.7	637.9	636.4	649.8	669.3	690.9	706.6	732.0	753.7	767.8
20°	581.1	588.6	597.5	601.3	611.7	632.7	653.6	671.5	692.4	709.6	726.0
22.5°	548.2	554.2	561.7	568.4	576.6	588.6	608.8	631.2	651.3	667.8	686.4
25°	521.4	525.1	531.8	537.0	546.0	554.2	568.4	593.1	617.0	626.7	643.1
27.5°	495.2	498.2	502.7	508.7	513.1	521.4	534.1	554.2	578.9	588.6	611.0
30°	472.1	474.3	478.8	481.8	484.0	493.7	503.4	519.1	537.8	551.2	567.7
32.5°	450.4	452.6	457.1	457.9	460.9	466.1	475.0	489.2	505.7	516.9	531.1
35°	426.5	428.0	432.5	434.0	436.2	440.7	447.4	457.9	472.8	481.0	493.7
37.5°	407.8	407.1	410.1	412.3	415.3	417.5	419.8	430.2	441.4	448.9	458.6
40°	387.7	386.2	386.9	389.9	391.4	394.4	394.4	404.8	412.3	418.3	425.8
42.5°	367.5	366.7	365.3	366.7	368.2	369.0	369.7	377.2	384.7	389.9	398.1
45°	347.3	346.6	345.1	345.8	345.8	347.3	349.6	352.6	357.8	362.3	366.7
47.5°	328.7	327.2	324.9	324.2	325.7	325.7	325.7	328.7	333.9	335.4	339.9
50°	309.2	307.0	304.0	302.5	302.5	301.8	303.3	304.0	308.5	310.0	313.7
52.5°	288.3	286.8	283.8	280.8	281.6	280.1	280.8	281.6	283.1	285.3	287.6
55°	267.4	264.4	262.2	261.4	259.2	259.2	256.9	259.9	259.2	259.9	262.9
57.5°	247.2	244.2	240.5	239.0	236.8	236.0	234.5	233.8	234.5	236.8	239.0
60°	223.3	221.8	219.6	217.4	215.9	213.6	212.1	212.1	211.4	211.4	212.1
62.5°	200.2	199.4	196.4	195.7	194.2	192.7	190.5	189.0	189.0	190.5	191.2
65°	177.8	177.0	174.8	174.0	170.3	168.8	168.1	167.3	165.8	165.8	165.8
67.5°	156.9	154.6	154.6	150.9	147.9	146.4	144.9	144.2	144.2	144.2	144.9
70°	133.7	133.7	131.5	129.2	126.2	127.0	124.7	122.5	122.5	121.0	121.8
72.5°	111.3	110.5	108.3	107.6	105.3	103.1	101.6	103.1	100.8	100.1	100.8
75°	89.6	88.9	87.4	85.9	86.6	84.4	82.2	81.4	81.4	79.9	79.9
77.5°	68.7	70.2	67.2	66.5	65.0	63.5	62.7	62.0	62.0	62.0	63.5
80°	47.8	48.6	48.6	47.1	47.8	45.6	45.6	45.6	43.3	44.1	44.8
82.5°	30.6	30.6	29.9	30.6	29.9	29.9	29.1	29.1	28.4	28.4	29.1
85°	17.2	16.4	15.7	17.2	16.4	16.4	15.7	15.7	15.7	15.7	15.7
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°	22.2	21.2	20.2	19.2	18.2	16.6	15.0	13.3	11.7	10.9	9.8
92.5°	23.4	23.0	22.6	22.2	21.8	21.2	20.6	20.0	19.4	19.1	19.5
95°	39.5	38.5	37.4	36.4	35.4	34.0	32.6	31.2	29.8	29.1	32.4
97.5°	48.7	48.1	47.5	46.9	46.3	43.1	39.9	36.6	33.4	31.8	40.1
100°	58.2	56.6	55.0	53.4	51.8	48.4	44.9	41.5	38.0	36.3	50.1
102.5°	62.5	60.3	58.0	55.8	53.6	90.3	127.0	163.7	200.4	218.8	219.0
105°	64.3	62.1	59.8	57.6	55.4	110.5	165.6	220.7	275.8	303.3	300.3
107.5°	66.1	63.9	61.6	59.4	57.2	125.2	193.2	261.2	329.2	363.2	360.7
110°	78.2	98.4	118.5	138.7	158.9	217.2	275.5	333.8	392.1	421.3	419.2

TEST NUMBER: P998648

CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	113.4	200.4	287.3	374.3	461.3	464.7	468.1	471.6	475.0	476.7	474.9
115°	186.5	279.9	373.4	466.8	560.2	555.2	550.1	545.1	540.0	537.5	535.8
117.5°	493.8	522.7	551.6	580.4	609.3	605.9	602.4	599.0	595.5	593.8	591.8
120°	675.3	672.9	670.4	668.0	665.6	662.0	658.3	654.7	651.0	649.2	647.7
122.5°	724.0	722.8	721.5	720.3	719.1	715.1	711.1	707.0	703.0	701.0	699.4
125°	772.9	771.5	770.1	768.7	767.3	763.5	759.6	755.8	751.9	750.0	748.7
127.5°	819.8	817.8	815.8	813.8	811.8	808.8	805.7	802.7	799.6	798.1	796.7
130°	863.3	861.1	858.8	856.6	854.4	852.2	850.0	847.7	845.5	844.4	842.8
132.5°	904.4	902.6	900.7	898.9	897.1	894.9	892.7	890.4	888.2	887.1	885.8
135°	944.2	942.2	940.1	938.1	936.1	934.3	932.5	930.7	928.9	928.0	926.4
137.5°	981.5	979.5	977.4	975.4	973.4	971.4	969.4	967.3	965.3	964.3	963.1
140°	1017.0	1015.2	1013.3	1011.5	1009.7	1007.5	1005.3	1003.0	1000.8	999.7	998.9
142.5°	1049.8	1048.2	1046.5	1044.9	1043.3	1040.7	1038.1	1035.4	1032.8	1031.5	1030.8
145°	1079.8	1078.4	1077.0	1075.6	1074.2	1070.8	1067.3	1063.9	1060.4	1058.7	1058.8
147.5°	1106.4	1105.4	1104.3	1103.3	1102.3	1098.9	1095.5	1092.0	1088.6	1086.9	1087.2
150°	1131.7	1130.5	1129.2	1128.0	1126.8	1123.6	1120.4	1117.1	1113.9	1112.3	1113.0
152.5°	1154.4	1153.2	1151.9	1150.7	1149.5	1146.5	1143.5	1140.4	1137.4	1135.9	1136.7
155°	1174.4	1173.2	1171.9	1170.7	1169.5	1167.1	1164.7	1162.2	1159.8	1158.6	1159.5
157.5°	1192.4	1191.0	1189.6	1188.2	1186.8	1185.0	1183.2	1181.3	1179.5	1178.6	1179.4
160°	1207.0	1205.8	1204.6	1203.4	1202.2	1201.0	1199.8	1198.5	1197.3	1196.7	1197.3
162.5°	1221.5	1220.1	1218.6	1217.2	1215.8	1214.8	1213.8	1212.8	1211.8	1211.3	1211.9
165°	1232.4	1231.0	1229.5	1228.1	1226.7	1226.1	1225.5	1224.9	1224.3	1224.0	1224.6
167.5°	1242.4	1241.0	1239.5	1238.1	1236.7	1236.1	1235.5	1234.9	1234.3	1234.0	1234.6
170°	1249.6	1248.2	1246.8	1245.4	1244.0	1243.6	1243.2	1242.7	1242.3	1242.1	1242.7
172.5°	1255.1	1253.7	1252.2	1250.8	1249.4	1249.0	1248.6	1248.2	1247.8	1247.6	1248.2
175°	1258.7	1257.3	1255.8	1254.4	1253.0	1252.6	1252.2	1251.8	1251.4	1251.2	1251.9
177.5°	1259.6	1258.2	1256.7	1255.3	1253.9	1253.7	1253.5	1253.3	1253.1	1253.0	1253.7
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P998648

CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	971.8	971.8	971.8	971.8
2.5°	953.8	953.8	965.0	977.0
5°	932.9	938.1	956.1	972.5
7.5°	912.8	921.7	944.1	965.0
10°	888.1	900.1	927.7	952.3
12.5°	864.2	875.4	907.5	935.2
15°	830.6	844.8	879.1	913.5
17.5°	797.0	811.2	853.0	893.3
20°	757.4	776.1	823.1	876.9
22.5°	720.8	743.9	796.2	839.6
25°	680.5	716.3	764.9	820.9
27.5°	644.6	680.5	729.8	786.5
30°	604.3	640.9	691.7	743.9
32.5°	565.4	599.0	648.3	712.6
35°	525.1	557.2	605.0	670.0
37.5°	488.5	519.9	572.2	631.9
40°	452.6	485.5	530.3	590.1
42.5°	419.0	448.2	488.5	548.2
45°	388.4	409.3	446.7	502.7
47.5°	356.3	375.0	409.3	465.3
50°	326.4	342.1	372.0	424.3
52.5°	297.3	310.7	338.4	380.2
55°	271.1	283.8	304.0	345.1
57.5°	244.2	254.0	273.4	306.2
60°	218.1	227.1	242.8	269.6
62.5°	192.0	199.4	214.4	236.0
65°	168.8	174.8	186.0	204.7
67.5°	146.4	150.1	159.1	174.0
70°	124.7	127.7	135.2	147.1
72.5°	101.6	104.6	112.8	121.0
75°	82.2	82.9	88.9	95.6
77.5°	64.2	63.5	68.0	73.2
80°	44.1	46.3	50.0	52.3
82.5°	29.9	30.6	32.1	33.6
85°	16.4	17.2	17.2	19.4
87.5°	6.7	7.5	7.5	8.2
90°	7.6	5.3	3.1	0.9
92.5°	20.3	21.1	21.9	22.7
95°	39.1	45.7	52.4	59.0
97.5°	56.6	73.1	89.7	106.2
100°	77.8	105.4	133.1	160.7
102.5°	219.4	219.8	220.2	220.6
105°	294.2	288.1	282.1	276.0
107.5°	355.6	350.6	345.5	340.5
110°	414.9	410.7	406.4	402.2

TEST NUMBER: P998648

CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	471.3	467.6	464.0	460.4
115°	532.4	528.9	525.5	522.1
117.5°	587.8	583.7	579.7	575.7
120°	644.7	641.6	638.6	635.6
122.5°	696.1	692.9	689.6	686.4
125°	746.1	743.4	740.8	738.2
127.5°	793.9	791.0	788.2	785.4
130°	839.6	836.3	833.1	829.9
132.5°	883.2	880.5	877.9	875.3
135°	923.1	919.9	916.6	913.4
137.5°	960.7	958.2	955.8	953.4
140°	997.3	995.6	994.0	992.4
142.5°	1029.4	1027.9	1026.5	1025.1
145°	1059.0	1059.2	1059.4	1059.6
147.5°	1087.8	1088.4	1089.0	1089.6
150°	1114.4	1115.9	1117.3	1118.7
152.5°	1138.3	1140.0	1141.6	1143.2
155°	1161.3	1163.2	1165.0	1166.8
157.5°	1181.0	1182.6	1184.2	1185.8
160°	1198.5	1199.8	1201.0	1202.2
162.5°	1213.1	1214.3	1215.5	1216.7
165°	1225.8	1227.0	1228.2	1229.4
167.5°	1235.8	1237.0	1238.2	1239.4
170°	1243.9	1245.2	1246.4	1247.6
172.5°	1249.4	1250.6	1251.8	1253.0
175°	1253.3	1254.8	1256.2	1257.6
177.5°	1255.1	1256.6	1258.0	1259.4
180°	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P998648

CATALOG NUMBER: SA2XXDIP-B485D925UB35-4F0-XX-W2A-A

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	13.97	14.70	15.04	15.77	17.22	11.46	12.20	12.53	13.26	14.71
	3H	14.77	15.43	15.85	16.50	17.97	12.80	13.45	13.88	14.53	16.00
	4H	14.94	15.56	16.02	16.63	18.11	13.26	13.88	14.34	14.95	16.43
	6H	14.98	15.55	16.07	16.63	18.11	13.56	14.13	14.65	15.21	16.69
	8H	14.95	15.49	16.05	16.59	18.07	13.64	14.18	14.74	15.28	16.76
	12H	14.91	15.42	16.01	16.51	18.02	13.67	14.19	14.78	15.28	16.78
4H	2H	14.00	14.62	15.09	15.69	17.17	11.90	12.52	12.99	13.59	15.07
	3H	14.97	15.48	16.07	16.59	18.07	13.34	13.86	14.45	14.96	16.45
	4H	15.24	15.71	16.34	16.81	18.31	13.87	14.35	14.98	15.44	16.95
	6H	15.36	15.77	16.48	16.88	18.38	14.25	14.65	15.36	15.77	17.27
	8H	15.36	15.74	16.47	16.84	18.36	14.35	14.73	15.47	15.84	17.36
	12H	15.32	15.66	16.45	16.78	18.30	14.41	14.75	15.54	15.87	17.39
8H	4H	15.24	15.62	16.35	16.72	18.24	14.01	14.39	15.12	15.49	17.01
	6H	15.41	15.72	16.55	16.87	18.39	14.44	14.75	15.57	15.90	17.41
	8H	15.44	15.71	16.58	16.85	18.38	14.59	14.86	15.73	15.99	17.52
	12H	15.42	15.66	16.56	16.79	18.36	14.67	14.91	15.82	16.04	17.61
12H	4H	15.19	15.53	16.32	16.65	18.17	13.98	14.32	15.11	15.44	16.96
	6H	15.39	15.66	16.53	16.79	18.33	14.44	14.71	15.58	15.84	17.37
	8H	15.42	15.66	16.56	16.78	18.35	14.59	14.83	15.73	15.96	17.53