

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: P998616

Luminaire Tested: SA2XXDIP-B485D925UB27-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P998616
REPORT IS A COMBINATION OF REPORTS P984359 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXDIP-B485D925UB27-4F0-XX-W2A-A1
Description: Define 2 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

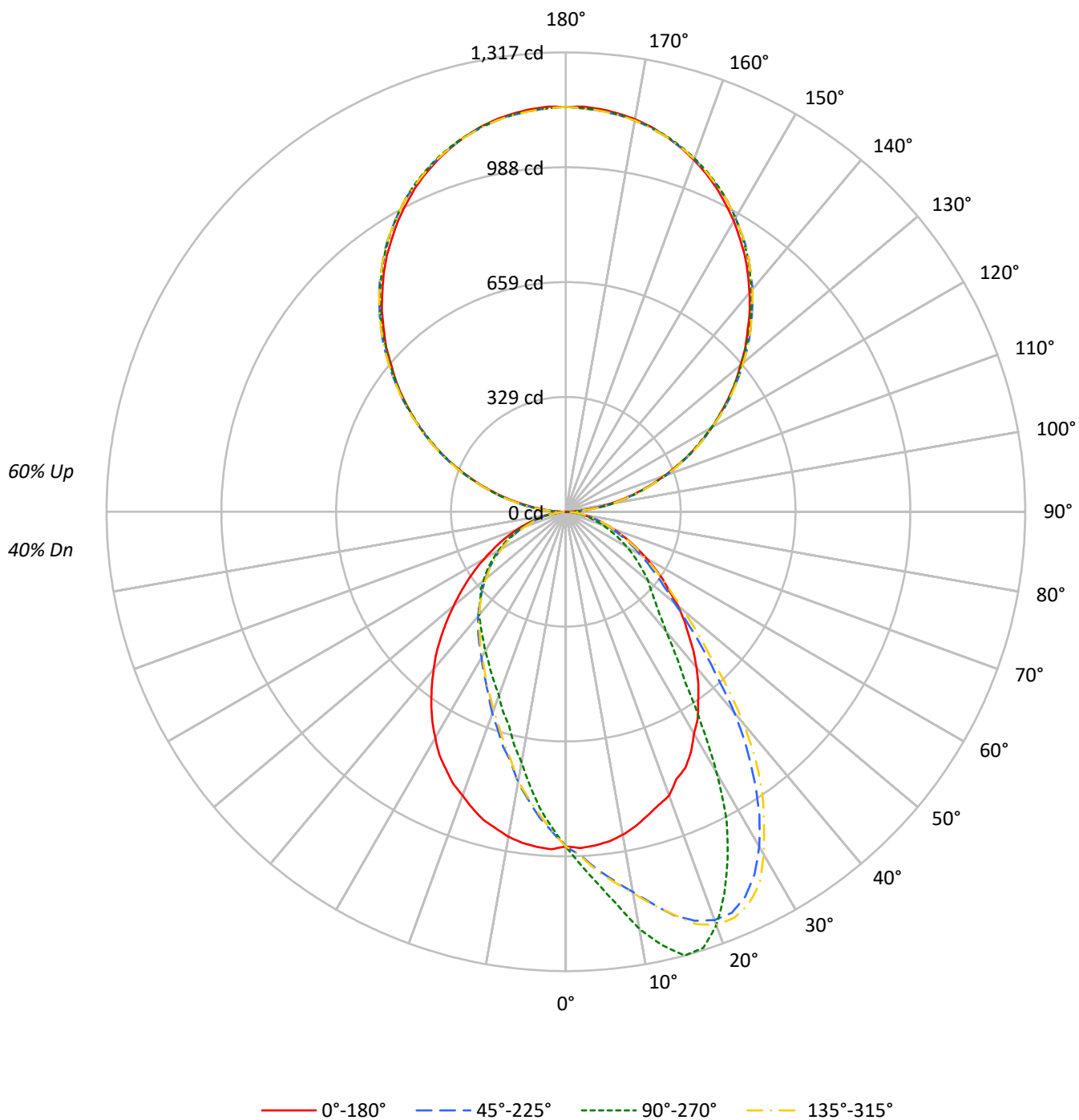
Lumens per Lamp: N/A
Luminaire Lumens: 5365.0 lumens
Efficiency: N/A
Efficacy: 102.2 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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					0
RW	70	50	30	10	70	50	30	10	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	46	46	40
1	96	92	88	85	87	84	80	78	68	66	64	54	53	52	42	41	40	40	40	34
2	88	80	75	70	79	73	69	64	60	57	54	48	46	44	37	36	34	34	34	29
3	80	71	64	59	73	65	59	54	54	49	46	43	40	37	33	31	30	30	30	25
4	73	63	56	50	67	58	51	46	48	43	39	39	35	32	30	28	26	26	26	22
5	67	56	49	43	61	52	45	40	43	38	34	35	31	28	27	25	23	23	23	19
6	62	51	43	37	57	47	40	35	39	34	30	32	28	25	25	22	20	20	20	17
7	58	46	38	33	52	42	35	31	35	30	26	29	25	22	23	20	18	18	18	15
8	53	42	34	29	49	38	32	27	32	27	23	26	23	20	21	18	16	16	16	14
9	50	38	31	26	45	35	29	24	30	25	21	24	21	18	19	17	15	15	15	13
10	46	35	28	23	42	32	26	22	27	22	19	22	19	16	18	15	13	13	13	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15188	15188	15188	15188
5°	15226	16194	15283	12885
10°	15048	17679	15142	10622
15°	14683	18647	14887	8948
20°	14455	17508	14455	7777
25°	13993	15041	14057	6954
30°	13236	11824	13488	6300
35°	12565	8176	12774	5763
40°	11791	6173	11927	5336
45°	10841	5073	11018	4875
50°	10017	4452	10037	4463
55°	9078	3794	9140	4015
60°	8078	3169	8190	3505
65°	7185	2577	7316	2993
70°	6293	2022	6453	2413
75°	5281	1468	5488	1751
80°	4120	931	4415	1039
85°	2712	468	2924	348

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 15700 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.4	1.7
10°-20°	266.0	5.0
20°-30°	386.1	7.2
30°-40°	407.0	7.6
40°-50°	360.1	6.7
50°-60°	287.6	5.4
60°-70°	195.3	3.6
70°-80°	99.9	1.9
80°-90°	26.9	0.5
90°-100°	71.8	1.3
100°-110°	228.2	4.3
110°-120°	390.5	7.3
120°-130°	513.6	9.6
130°-140°	576.5	10.7
140°-150°	565.4	10.5
150°-160°	474.2	8.8
160°-170°	314.5	5.9
170°-180°	109.9	2.0
0°-30°	743.5	13.9
0°-40°	1150.4	21.4
0°-60°	1798.1	33.5
0°-90°	2120.3	39.5
90°-120°	690.5	12.9
90°-150°	2346.0	43.7
90°-180°	3245.0	60.5
0°-180°	5365.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	960	960	960	960	960	
5°	960	1072	964	853	960	91
15°	902	1317	914	632	902	255
25°	810	1097	814	507	810	371
35°	662	597	673	421	662	414
45°	496	360	504	346	496	385
55°	341	253	343	268	341	304
65°	202	156	206	181	202	201
75°	94	77	98	92	94	101
85°	19	20	21	15	19	22
90°	1	33	1	33	1	4
95°	51	61	51	61	51	57
105°	211	217	211	217	211	222
115°	392	392	392	392	392	388
125°	570	572	570	572	570	509
135°	738	746	738	746	738	570
145°	895	905	895	905	895	559
155°	1023	1031	1023	1031	1023	471
165°	1114	1114	1114	1114	1114	314
175°	1159	1155	1159	1155	1159	110
180°	1161	1161	1161	1161	1161	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5
2.5°	964.7	966.9	970.6	971.3	978.7	984.6	991.2	991.2	993.4	992.7	986.8
5°	960.3	966.9	976.5	984.6	997.9	1003.8	1012.6	1019.3	1025.2	1029.6	1028.9
7.5°	952.9	964.7	978.7	994.2	1011.9	1022.2	1034.8	1046.6	1054.7	1062.0	1067.2
10°	940.3	960.3	979.4	1000.1	1023.0	1037.0	1051.7	1067.2	1079.7	1093.8	1107.0
12.5°	923.4	952.1	975.7	1003.0	1031.1	1046.6	1070.2	1082.0	1106.3	1141.7	1151.3
15°	902.0	941.1	963.2	997.9	1034.8	1047.3	1079.7	1098.9	1149.1	1171.2	1197.7
17.5°	882.1	925.6	955.1	994.9	1031.1	1055.4	1087.1	1126.2	1168.2	1200.0	1229.5
20°	865.9	907.9	943.3	987.5	1033.3	1064.3	1097.4	1144.6	1190.4	1222.8	1245.7
22.5°	829.0	882.8	924.1	973.5	1028.9	1071.6	1103.3	1155.0	1204.4	1224.3	1244.2
25°	810.5	857.0	904.9	961.0	1025.9	1076.8	1104.1	1161.6	1205.1	1212.5	1216.9
27.5°	776.6	829.0	885.0	949.2	1025.2	1067.9	1102.6	1155.0	1189.6	1184.5	1171.2
30°	734.6	798.7	860.7	930.0	1014.8	1061.3	1093.8	1141.7	1159.4	1132.8	1109.2
32.5°	703.6	764.1	832.7	913.1	1003.0	1047.3	1079.0	1116.6	1120.3	1072.4	1032.5
35°	661.6	728.7	806.1	890.9	983.1	1023.0	1052.5	1075.3	1057.6	990.5	943.3
37.5°	623.9	690.3	772.9	859.2	955.8	994.9	1018.5	1022.2	978.7	919.7	850.4
40°	582.6	651.2	737.5	828.2	925.6	959.5	974.3	963.2	900.5	831.9	751.5
42.5°	541.3	609.2	702.1	795.1	887.2	916.0	921.9	891.7	815.0	734.6	641.6
45°	496.4	567.2	660.1	753.8	843.0	859.2	860.0	816.4	725.7	641.6	555.4
47.5°	459.5	525.1	617.3	711.0	786.2	797.3	792.8	742.7	643.9	549.5	474.2
50°	418.9	481.6	573.1	665.2	729.4	732.4	721.3	649.8	553.1	466.9	407.1
52.5°	375.4	438.8	522.9	611.4	668.9	664.5	643.1	566.4	475.7	404.2	358.4
55°	340.7	396.8	475.7	562.0	602.6	590.0	566.4	488.2	416.7	356.2	316.4
57.5°	302.4	351.8	429.2	504.5	528.1	516.3	492.7	419.7	353.3	307.5	281.0
60°	266.2	311.2	379.1	441.8	460.2	447.7	420.4	354.8	306.8	268.5	248.5
62.5°	233.1	272.1	328.9	386.5	393.8	381.3	357.7	304.6	263.3	233.1	218.3
65°	202.1	239.0	284.7	328.2	334.8	321.6	297.2	258.9	224.2	205.0	191.0
67.5°	171.8	201.3	241.9	273.6	277.3	264.8	244.9	213.9	192.5	171.8	161.5
70°	145.3	167.4	199.1	224.9	226.4	214.6	204.3	176.3	160.0	145.3	137.2
72.5°	119.5	135.0	159.3	178.5	179.2	171.8	162.3	144.6	130.5	120.2	112.1
75°	94.4	107.7	122.4	139.4	138.7	132.8	125.4	114.3	102.5	95.9	92.2
77.5°	72.3	80.4	92.2	103.3	103.3	100.3	95.9	87.8	80.4	73.8	70.1
80°	51.6	56.8	66.4	70.1	71.5	70.8	67.1	61.2	58.3	53.1	51.6
82.5°	33.2	36.9	41.3	45.0	47.2	45.7	45.0	42.0	37.6	36.1	34.7
85°	19.2	20.7	22.9	25.1	25.8	25.1	26.6	24.3	22.1	22.1	21.4
87.5°	8.1	8.9	10.3	10.3	11.1	11.1	10.3	11.1	11.1	10.3	9.6
90°	1.0	3.6	6.2	8.8	11.4	12.7	15.1	19.9	24.7	29.5	34.3
92.5°	21.5	23.3	25.0	26.8	28.5	29.4	29.5	29.7	30.0	30.2	30.4
95°	50.9	53.1	55.3	57.4	59.6	60.7	60.9	61.4	61.8	62.3	62.7
97.5°	85.2	87.2	89.1	91.1	93.0	94.0	94.4	95.3	96.2	97.0	97.9
100°	124.4	126.1	127.9	129.6	131.3	132.2	132.5	133.2	133.9	134.5	135.2
102.5°	165.5	166.8	168.1	169.4	170.7	171.4	171.8	172.7	173.6	174.4	175.3
105°	210.6	211.2	211.9	212.5	213.2	213.5	213.7	214.2	214.6	215.1	215.5
107.5°	255.6	256.5	257.3	258.2	259.1	259.5	259.5	259.5	259.5	259.5	259.5
110°	298.7	300.0	301.3	302.6	303.9	304.6	304.6	304.6	304.6	304.6	304.6

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	345.7	347.0	348.3	349.6	350.9	351.6	351.5	351.3	351.0	350.8	350.6
115°	391.7	393.0	394.3	395.6	396.9	397.6	397.4	397.0	396.5	396.1	395.7
117.5°	437.8	439.5	441.3	443.0	444.7	445.6	445.1	444.0	442.9	441.8	440.7
120°	483.8	485.5	487.3	489.0	490.7	491.6	490.7	489.0	487.3	485.5	483.8
122.5°	525.9	528.1	530.3	532.4	534.6	535.7	535.2	534.1	533.0	531.9	530.8
125°	570.0	572.0	573.9	575.9	577.8	578.8	578.5	577.8	577.2	576.5	575.9
127.5°	613.1	615.5	617.9	620.3	622.7	623.9	623.5	622.6	621.7	620.8	619.9
130°	653.2	656.0	658.9	661.7	664.6	666.0	665.8	665.3	664.9	664.4	664.0
132.5°	698.3	700.5	702.7	704.8	707.0	708.1	708.2	708.4	708.7	708.9	709.1
135°	737.5	739.9	742.3	744.6	747.0	748.2	748.4	748.9	749.3	749.8	750.2
137.5°	780.6	782.6	784.5	786.5	788.4	789.4	789.6	790.0	790.5	790.9	791.3
140°	818.8	820.8	822.7	824.7	826.6	827.6	828.1	829.2	830.3	831.4	832.5
142.5°	857.9	859.9	861.8	863.8	865.7	866.7	867.0	867.7	868.4	869.0	869.7
145°	895.1	896.6	898.2	899.7	901.2	902.0	902.7	904.0	905.3	906.6	907.9
147.5°	928.4	930.4	932.4	934.3	936.3	937.3	937.7	938.6	939.5	940.3	941.2
150°	962.7	964.0	965.3	966.6	967.9	968.6	969.0	969.9	970.8	971.6	972.5
152.5°	993.1	994.4	995.7	997.0	998.3	999.0	999.5	1000.6	1001.7	1002.8	1003.9
155°	1023.4	1024.1	1024.7	1025.4	1026.1	1026.4	1026.7	1027.4	1028.0	1028.7	1029.3
157.5°	1049.9	1050.3	1050.7	1051.2	1051.6	1051.8	1052.0	1052.5	1052.9	1053.4	1053.8
160°	1073.4	1073.8	1074.3	1074.7	1075.2	1075.4	1075.5	1075.7	1075.9	1076.1	1076.3
162.5°	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9	1095.0	1095.2	1095.5	1095.7	1095.9
165°	1113.5	1113.3	1113.1	1112.9	1112.7	1112.6	1112.6	1112.6	1112.6	1112.6	1112.6
167.5°	1130.2	1129.6	1128.9	1128.3	1127.6	1127.3	1127.3	1127.3	1127.3	1127.3	1127.3
170°	1142.9	1142.3	1141.6	1141.0	1140.3	1140.0	1139.9	1139.7	1139.4	1139.2	1139.0
172.5°	1151.7	1151.1	1150.4	1149.8	1149.1	1148.8	1148.7	1148.5	1148.2	1148.0	1147.8
175°	1158.6	1158.0	1157.3	1156.7	1156.0	1155.7	1155.5	1155.0	1154.6	1154.1	1153.7
177.5°	1162.5	1161.9	1161.2	1160.6	1159.9	1159.6	1159.4	1158.9	1158.5	1158.0	1157.6
180°	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5
2.5°	997.1	997.9	999.3	1006.7	1010.4	1011.1	1008.2	1014.8	1017.1	1014.8	1013.4
5°	1044.3	1048.8	1057.6	1067.2	1066.5	1067.2	1071.6	1076.1	1077.5	1071.6	1073.8
7.5°	1085.6	1094.5	1104.1	1118.8	1118.8	1126.2	1129.2	1132.8	1141.7	1137.3	1135.8
10°	1132.8	1144.6	1162.3	1185.9	1186.7	1194.1	1201.4	1213.2	1216.9	1214.0	1215.4
12.5°	1191.8	1214.7	1216.2	1242.0	1253.8	1255.3	1267.1	1264.9	1272.2	1272.2	1284.8
15°	1217.7	1253.1	1273.0	1298.0	1305.4	1296.6	1306.2	1316.5	1317.2	1317.2	1316.5
17.5°	1264.1	1278.1	1298.0	1311.3	1314.3	1314.3	1315.0	1319.4	1316.5	1310.6	1315.0
20°	1273.7	1279.6	1287.0	1285.5	1287.0	1279.6	1272.2	1264.9	1265.6	1261.9	1273.0
22.5°	1256.0	1254.5	1237.6	1226.5	1226.5	1211.8	1197.7	1191.1	1184.5	1186.7	1190.4
25°	1211.8	1188.9	1168.2	1152.0	1148.3	1124.7	1105.6	1099.7	1088.6	1097.4	1098.9
27.5°	1141.0	1115.1	1082.0	1067.9	1048.8	1039.2	1025.9	1008.2	985.3	998.6	996.4
30°	1065.0	1026.6	999.3	965.4	935.2	933.0	907.9	878.4	866.6	866.6	873.2
32.5°	980.2	929.3	889.5	841.5	812.0	799.5	769.2	739.7	746.4	724.3	732.4
35°	881.3	814.2	764.1	717.6	695.5	680.7	641.6	625.4	607.7	597.4	616.6
37.5°	786.9	709.5	645.3	594.4	586.3	559.8	533.2	522.9	512.6	517.0	516.3
40°	671.9	603.3	545.8	505.9	491.9	479.4	461.7	449.2	442.5	446.2	446.9
42.5°	567.9	510.4	467.6	439.6	427.8	418.9	410.1	399.7	397.5	397.5	400.5
45°	487.5	440.3	411.5	388.7	382.0	375.4	368.8	364.3	362.9	359.9	362.1
47.5°	423.3	385.7	368.0	351.1	343.7	342.2	336.3	334.1	331.1	330.4	331.1
50°	369.5	345.9	329.7	320.1	314.9	312.7	309.8	305.3	303.9	307.5	306.1
52.5°	331.9	309.8	300.9	291.3	288.4	285.4	281.0	281.7	281.0	279.5	279.5
55°	294.3	280.3	271.4	264.0	263.3	260.3	256.7	255.2	254.4	253.0	255.2
57.5°	264.0	253.0	244.9	238.2	235.3	235.3	231.6	228.6	228.6	227.9	228.6
60°	233.8	222.7	217.6	210.9	208.7	208.0	205.8	204.3	202.1	202.1	202.1
62.5°	205.8	196.9	191.0	185.1	185.9	182.2	179.2	177.7	177.7	178.5	178.5
65°	179.2	173.3	165.9	160.8	159.3	158.6	157.1	156.4	154.1	155.6	155.6
67.5°	154.9	146.8	142.3	140.1	137.9	137.2	135.7	134.2	133.5	132.8	134.2
70°	130.5	123.9	120.2	118.7	116.5	115.8	115.1	112.8	113.6	114.3	115.1
72.5°	108.4	102.5	101.8	97.4	97.4	97.4	94.4	95.9	95.1	93.7	95.1
75°	85.6	82.6	81.1	78.9	79.7	78.9	78.2	76.0	76.0	76.7	77.4
77.5°	67.9	64.9	64.2	62.0	60.5	62.0	60.5	59.7	59.7	60.5	60.5
80°	50.2	48.7	46.5	46.5	46.5	45.7	45.7	45.7	45.0	44.3	45.0
82.5°	33.2	33.2	32.5	31.7	32.5	31.0	31.7	31.7	31.7	31.7	31.7
85°	21.4	20.7	20.7	19.9	19.9	19.9	20.7	19.2	19.2	19.9	19.9
87.5°	9.6	9.6	9.6	10.3	9.6	9.6	9.6	10.3	9.6	9.6	9.6
90°	33.9	33.4	33.0	32.5	32.3	32.4	32.6	32.9	33.1	33.3	33.1
92.5°	30.6	30.8	31.0	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3
95°	62.7	62.7	62.7	62.7	62.7	62.5	62.0	61.6	61.1	60.7	61.1
97.5°	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
100°	135.2	135.2	135.2	135.2	135.2	135.1	134.9	134.6	134.4	134.2	134.4
102.5°	175.5	175.7	176.0	176.2	176.3	176.2	176.0	175.7	175.5	175.3	175.5
105°	215.9	216.3	216.8	217.2	217.4	217.4	217.4	217.4	217.4	217.4	217.4
107.5°	259.7	259.9	260.2	260.4	260.5	260.0	258.9	257.8	256.7	255.6	256.7
110°	304.6	304.6	304.6	304.6	304.6	304.3	303.6	302.9	302.3	301.6	302.3

TEST NUMBER: P998616

CATALOG NUMBER: SA2XXDIP-B485D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	350.0	349.3	348.7	348.0	347.7	347.5	347.0	346.6	346.1	345.7	346.1
115°	395.5	395.3	395.0	394.8	394.7	394.4	393.7	393.0	392.4	391.7	392.4
117.5°	440.1	439.4	438.8	438.1	437.8	437.5	436.8	436.1	435.5	434.8	435.5
120°	483.8	483.8	483.8	483.8	483.8	483.5	482.8	482.2	481.5	480.9	481.5
122.5°	530.2	529.5	528.9	528.2	527.9	527.7	527.2	526.8	526.3	525.9	526.3
125°	575.2	574.6	573.9	573.2	572.9	572.8	572.6	572.4	572.2	572.0	572.2
127.5°	619.0	618.2	617.3	616.4	616.0	615.7	615.0	614.4	613.7	613.1	613.7
130°	663.6	663.2	662.7	662.3	662.1	661.7	660.8	659.9	659.0	658.1	659.0
132.5°	708.0	706.9	705.8	704.7	704.2	703.9	703.2	702.5	701.9	701.2	701.9
135°	750.0	749.8	749.5	749.3	749.2	748.9	748.2	747.6	746.9	746.3	746.9
137.5°	791.1	790.9	790.7	790.5	790.4	790.0	789.1	788.2	787.3	786.4	787.3
140°	832.5	832.5	832.5	832.5	832.5	832.1	831.2	830.3	829.4	828.5	829.4
142.5°	869.9	870.1	870.4	870.6	870.7	870.3	869.4	868.5	867.6	866.7	867.6
145°	908.1	908.3	908.6	908.8	908.9	908.5	907.6	906.7	905.8	904.9	905.8
147.5°	941.6	942.0	942.5	942.9	943.1	942.7	941.8	940.9	940.1	939.2	940.1
150°	973.2	973.8	974.5	975.2	975.5	975.2	974.5	973.8	973.2	972.5	973.2
152.5°	1004.8	1005.6	1006.5	1007.4	1007.8	1007.4	1006.5	1005.6	1004.8	1003.9	1004.8
155°	1030.4	1031.5	1032.6	1033.7	1034.2	1033.9	1033.2	1032.6	1031.9	1031.3	1031.9
157.5°	1055.3	1056.9	1058.4	1059.9	1060.7	1060.2	1059.1	1058.0	1056.9	1055.8	1056.9
160°	1077.6	1078.9	1080.2	1081.5	1082.2	1081.8	1080.9	1080.0	1079.2	1078.3	1079.2
162.5°	1097.4	1099.0	1100.5	1102.0	1102.8	1102.3	1101.2	1100.1	1099.0	1097.9	1099.0
165°	1114.1	1115.6	1117.1	1118.6	1119.4	1118.9	1117.8	1116.7	1115.6	1114.5	1115.6
167.5°	1128.8	1130.3	1131.8	1133.3	1134.1	1133.6	1132.5	1131.4	1130.3	1129.2	1130.3
170°	1140.5	1142.1	1143.6	1145.1	1145.9	1145.2	1143.9	1142.6	1141.3	1140.0	1141.3
172.5°	1149.3	1150.9	1152.4	1153.9	1154.7	1154.0	1152.7	1151.4	1150.1	1148.8	1150.1
175°	1155.2	1156.8	1158.3	1159.8	1160.6	1159.9	1158.6	1157.3	1156.0	1154.7	1156.0
177.5°	1158.9	1160.2	1161.5	1162.8	1163.5	1162.8	1161.5	1160.2	1158.9	1157.6	1158.9
180°	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6

TEST NUMBER: P998616

CATALOG NUMBER: SA2XXDIP-B485D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5
2.5°	1017.1	1011.9	1007.5	1008.2	1011.9	1008.9	1001.6	992.0	988.3	983.9	988.3
5°	1078.3	1073.8	1065.0	1065.7	1063.5	1060.6	1048.8	1034.0	1034.0	1022.2	1020.7
7.5°	1138.7	1132.1	1126.2	1124.7	1116.6	1110.7	1100.4	1079.7	1071.6	1057.6	1049.5
10°	1206.6	1201.4	1194.8	1186.7	1182.3	1171.9	1155.0	1124.7	1110.0	1090.8	1076.8
12.5°	1275.2	1274.4	1259.7	1243.5	1242.7	1226.5	1214.7	1174.1	1154.2	1128.4	1095.2
15°	1318.7	1315.0	1306.9	1298.8	1301.0	1283.3	1256.7	1208.8	1195.5	1164.6	1129.2
17.5°	1318.0	1318.0	1315.7	1314.3	1312.1	1306.9	1292.1	1260.4	1239.0	1200.0	1166.8
20°	1275.9	1285.5	1287.7	1287.0	1294.4	1298.0	1297.3	1277.4	1260.4	1225.8	1191.8
22.5°	1191.8	1214.0	1223.6	1229.5	1244.9	1253.1	1272.2	1264.9	1260.4	1234.6	1205.9
25°	1113.7	1121.0	1149.8	1151.3	1172.7	1192.6	1211.8	1224.3	1240.5	1230.9	1206.6
27.5°	1012.6	1029.6	1050.2	1065.7	1070.2	1110.7	1142.4	1166.0	1202.9	1205.9	1197.7
30°	898.3	906.4	940.3	961.0	984.6	1014.1	1059.8	1100.4	1133.6	1163.8	1174.1
32.5°	758.9	792.1	812.0	837.1	857.7	910.1	966.2	1018.5	1056.9	1107.8	1129.9
35°	631.3	657.1	691.1	701.4	739.0	783.3	856.3	923.4	981.6	1033.3	1078.3
37.5°	525.9	546.5	582.6	598.9	621.0	677.8	739.0	822.3	892.4	955.8	1011.9
40°	453.6	469.1	496.4	501.5	520.0	571.6	621.0	699.2	792.1	877.7	938.9
42.5°	404.2	411.5	430.0	436.6	448.4	483.1	527.3	601.1	687.4	775.9	862.2
45°	368.8	373.9	385.0	390.9	405.6	421.1	457.3	516.3	584.1	673.4	766.3
47.5°	337.0	343.7	348.1	351.8	359.9	376.9	400.5	444.0	508.9	590.8	680.7
50°	310.5	312.7	320.8	321.6	326.7	337.8	359.9	386.5	438.1	504.5	591.5
52.5°	283.9	286.2	291.3	296.5	298.7	307.5	322.3	344.4	382.8	435.1	512.6
55°	257.4	260.3	265.5	269.2	271.4	278.8	287.6	309.0	339.3	376.1	439.6
57.5°	230.8	237.5	239.0	241.2	244.9	253.0	261.1	273.6	297.2	331.1	377.6
60°	205.8	208.0	213.1	215.4	219.0	223.5	233.8	243.4	260.3	286.9	328.9
62.5°	180.0	185.1	187.3	189.5	192.5	197.7	204.3	214.6	229.4	250.8	283.9
65°	157.8	158.6	163.0	165.9	168.9	172.6	179.2	188.8	197.7	217.6	241.9
67.5°	136.4	137.9	139.4	142.3	146.0	149.7	155.6	160.8	171.8	185.1	204.3
70°	115.8	115.8	119.5	121.7	121.0	125.4	129.8	135.7	143.8	156.4	171.8
72.5°	97.4	96.6	99.6	100.3	101.8	104.7	107.7	113.6	118.0	127.6	139.4
75°	77.4	78.9	80.4	80.4	82.6	84.8	87.8	90.7	95.9	101.8	110.6
77.5°	61.2	61.2	62.7	63.4	65.6	64.9	67.9	70.8	74.5	79.7	86.3
80°	45.0	46.5	46.5	46.5	47.2	47.9	50.9	53.1	55.3	59.0	62.0
82.5°	31.7	31.7	33.2	33.2	33.2	34.7	34.7	35.4	36.9	39.1	41.3
85°	19.9	19.9	19.9	20.7	19.9	20.7	22.1	21.4	22.1	23.6	23.6
87.5°	9.6	9.6	9.6	9.6	9.6	10.3	9.6	10.3	11.1	11.1	11.1
90°	32.9	32.6	32.4	32.3	32.5	33.0	33.4	33.9	34.3	29.5	24.7
92.5°	31.3	31.3	31.3	31.3	31.2	31.0	30.8	30.6	30.4	30.2	30.0
95°	61.6	62.0	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.3	61.8
97.5°	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.0	96.2
100°	134.6	134.9	135.1	135.2	135.2	135.2	135.2	135.2	135.2	134.5	133.9
102.5°	175.7	176.0	176.2	176.3	176.2	176.0	175.7	175.5	175.3	174.4	173.6
105°	217.4	217.4	217.4	217.4	217.2	216.8	216.3	215.9	215.5	215.1	214.6
107.5°	257.8	258.9	260.0	260.5	260.4	260.2	259.9	259.7	259.5	259.5	259.5
110°	302.9	303.6	304.3	304.6	304.6	304.6	304.6	304.6	304.6	304.6	304.6

TEST NUMBER: P998616

CATALOG NUMBER: SA2XXDIP-B485D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	346.6	347.0	347.5	347.7	348.0	348.7	349.3	350.0	350.6	350.8	351.0
115°	393.0	393.7	394.4	394.7	394.8	395.0	395.3	395.5	395.7	396.1	396.5
117.5°	436.1	436.8	437.5	437.8	438.1	438.8	439.4	440.1	440.7	441.8	442.9
120°	482.2	482.8	483.5	483.8	483.8	483.8	483.8	483.8	483.8	485.5	487.3
122.5°	526.8	527.2	527.7	527.9	528.2	528.9	529.5	530.2	530.8	531.9	533.0
125°	572.4	572.6	572.8	572.9	573.2	573.9	574.6	575.2	575.9	576.5	577.2
127.5°	614.4	615.0	615.7	616.0	616.4	617.3	618.2	619.0	619.9	620.8	621.7
130°	659.9	660.8	661.7	662.1	662.3	662.7	663.2	663.6	664.0	664.4	664.9
132.5°	702.5	703.2	703.9	704.2	704.7	705.8	706.9	708.0	709.1	708.9	708.7
135°	747.6	748.2	748.9	749.2	749.3	749.5	749.8	750.0	750.2	749.8	749.3
137.5°	788.2	789.1	790.0	790.4	790.5	790.7	790.9	791.1	791.3	790.9	790.5
140°	830.3	831.2	832.1	832.5	832.5	832.5	832.5	832.5	832.5	831.4	830.3
142.5°	868.5	869.4	870.3	870.7	870.6	870.4	870.1	869.9	869.7	869.0	868.4
145°	906.7	907.6	908.5	908.9	908.8	908.6	908.3	908.1	907.9	906.6	905.3
147.5°	940.9	941.8	942.7	943.1	942.9	942.5	942.0	941.6	941.2	940.3	939.5
150°	973.8	974.5	975.2	975.5	975.2	974.5	973.8	973.2	972.5	971.6	970.8
152.5°	1005.6	1006.5	1007.4	1007.8	1007.4	1006.5	1005.6	1004.8	1003.9	1002.8	1001.7
155°	1032.6	1033.2	1033.9	1034.2	1033.7	1032.6	1031.5	1030.4	1029.3	1028.7	1028.0
157.5°	1058.0	1059.1	1060.2	1060.7	1059.9	1058.4	1056.9	1055.3	1053.8	1053.4	1052.9
160°	1080.0	1080.9	1081.8	1082.2	1081.5	1080.2	1078.9	1077.6	1076.3	1076.1	1075.9
162.5°	1100.1	1101.2	1102.3	1102.8	1102.0	1100.5	1099.0	1097.4	1095.9	1095.7	1095.5
165°	1116.7	1117.8	1118.9	1119.4	1118.6	1117.1	1115.6	1114.1	1112.6	1112.6	1112.6
167.5°	1131.4	1132.5	1133.6	1134.1	1133.3	1131.8	1130.3	1128.8	1127.3	1127.3	1127.3
170°	1142.6	1143.9	1145.2	1145.9	1145.1	1143.6	1142.1	1140.5	1139.0	1139.2	1139.4
172.5°	1151.4	1152.7	1154.0	1154.7	1153.9	1152.4	1150.9	1149.3	1147.8	1148.0	1148.2
175°	1157.3	1158.6	1159.9	1160.6	1159.8	1158.3	1156.8	1155.2	1153.7	1154.1	1154.6
177.5°	1160.2	1161.5	1162.8	1163.5	1162.8	1161.5	1160.2	1158.9	1157.6	1158.0	1158.5
180°	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6

TEST NUMBER: P998616

CATALOG NUMBER: SA2XXDIP-B485D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5
2.5°	984.6	980.9	978.7	980.2	975.7	964.7	964.7	968.4	963.9	959.5	952.9
5°	1011.9	1004.5	1000.1	999.3	989.0	971.3	967.6	963.9	954.4	944.0	933.0
7.5°	1038.4	1025.2	1017.8	1012.6	997.9	975.0	965.4	957.3	941.8	926.3	912.3
10°	1060.6	1041.4	1032.5	1024.4	1005.2	976.5	961.0	946.2	926.3	906.4	888.7
12.5°	1078.3	1056.1	1045.1	1033.3	1009.7	972.1	952.9	929.3	909.4	882.8	865.1
15°	1107.8	1062.0	1051.7	1040.7	1016.3	964.7	941.1	914.5	887.2	851.8	832.7
17.5°	1131.4	1070.2	1069.4	1045.8	1014.1	961.7	925.6	890.9	861.4	826.0	795.8
20°	1145.4	1082.7	1070.9	1046.6	1006.7	941.8	904.2	865.9	834.1	791.4	761.1
22.5°	1157.2	1100.4	1069.4	1039.9	991.2	935.2	879.9	843.7	800.2	753.8	725.0
25°	1161.6	1104.1	1071.6	1037.7	980.2	916.0	853.3	814.2	765.6	723.5	684.4
27.5°	1162.3	1103.3	1063.5	1028.1	964.7	890.9	826.8	785.5	731.6	683.0	643.9
30°	1155.0	1095.2	1059.1	1020.7	949.9	868.1	794.3	748.6	691.1	642.4	601.8
32.5°	1132.8	1079.0	1049.5	1007.5	930.8	836.4	763.3	712.5	652.0	604.0	564.9
35°	1096.0	1059.1	1026.6	987.5	905.7	806.9	732.4	672.6	611.4	565.7	528.8
37.5°	1050.2	1030.3	1000.1	961.7	876.9	780.3	697.7	631.3	570.1	525.9	489.7
40°	988.3	993.4	963.9	929.3	843.0	744.2	652.7	589.3	531.8	490.5	455.1
42.5°	921.2	942.6	925.6	892.4	805.4	704.3	619.5	549.5	493.4	450.6	421.1
45°	848.9	885.8	875.4	851.1	766.3	662.3	572.3	504.5	455.1	413.8	387.9
47.5°	770.0	822.3	822.3	804.6	722.8	620.3	531.8	462.4	413.8	384.3	359.2
50°	689.6	748.6	758.2	746.4	674.1	572.3	482.3	419.7	377.6	348.9	330.4
52.5°	605.5	674.1	691.8	685.9	622.5	526.6	441.8	380.6	342.2	317.1	300.9
55°	525.1	604.8	623.9	626.2	567.2	476.4	396.8	343.0	306.1	289.1	275.1
57.5°	449.2	525.9	547.2	550.9	511.1	430.7	354.8	307.5	274.4	260.3	249.3
60°	384.3	448.4	476.4	484.6	449.9	377.6	315.7	269.9	244.9	231.6	221.3
62.5°	331.1	382.8	412.3	414.5	399.0	331.1	275.1	236.7	215.4	203.6	198.4
65°	279.5	326.0	343.7	352.5	340.0	286.9	237.5	205.8	188.8	178.5	173.3
67.5°	238.2	267.7	282.5	294.3	281.7	241.9	202.1	176.3	163.7	153.4	150.5
70°	195.4	219.8	230.8	242.6	231.6	201.3	172.6	149.0	137.9	129.8	126.1
72.5°	156.4	175.5	185.9	193.2	186.6	161.5	137.9	121.7	113.6	107.7	105.5
75°	123.9	137.2	143.1	148.2	145.3	126.1	111.4	98.1	90.7	85.6	84.1
77.5°	94.4	104.0	110.6	112.1	108.4	95.9	83.3	75.2	69.3	66.4	64.9
80°	67.1	73.0	76.7	78.9	75.2	70.1	61.2	55.3	50.2	46.5	45.7
82.5°	45.0	47.9	50.9	50.2	48.7	44.3	39.1	36.1	33.9	31.0	31.0
85°	25.8	26.6	28.0	28.8	28.0	25.1	22.1	20.7	19.2	17.0	17.0
87.5°	11.1	11.8	11.8	12.5	11.1	11.1	9.6	8.1	8.1	7.4	6.6
90°	19.9	15.1	12.7	11.4	8.8	6.2	3.6	1.0	3.6	6.2	8.8
92.5°	29.7	29.5	29.4	28.5	26.8	25.0	23.3	21.5	23.3	25.0	26.8
95°	61.4	60.9	60.7	59.6	57.4	55.3	53.1	50.9	53.1	55.3	57.4
97.5°	95.3	94.4	94.0	93.0	91.1	89.1	87.2	85.2	87.2	89.1	91.1
100°	133.2	132.5	132.2	131.3	129.6	127.9	126.1	124.4	126.1	127.9	129.6
102.5°	172.7	171.8	171.4	170.7	169.4	168.1	166.8	165.5	166.8	168.1	169.4
105°	214.2	213.7	213.5	213.2	212.5	211.9	211.2	210.6	211.2	211.9	212.5
107.5°	259.5	259.5	259.5	259.1	258.2	257.3	256.5	255.6	256.5	257.3	258.2
110°	304.6	304.6	304.6	303.9	302.6	301.3	300.0	298.7	300.0	301.3	302.6

TEST NUMBER: P998616

CATALOG NUMBER: SA2XXDIP-B485D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	351.3	351.5	351.6	350.9	349.6	348.3	347.0	345.7	347.0	348.3	349.6
115°	397.0	397.4	397.6	396.9	395.6	394.3	393.0	391.7	393.0	394.3	395.6
117.5°	444.0	445.1	445.6	444.7	443.0	441.3	439.5	437.8	439.5	441.3	443.0
120°	489.0	490.7	491.6	490.7	489.0	487.3	485.5	483.8	485.5	487.3	489.0
122.5°	534.1	535.2	535.7	534.6	532.4	530.3	528.1	525.9	528.1	530.3	532.4
125°	577.8	578.5	578.8	577.8	575.9	573.9	572.0	570.0	572.0	573.9	575.9
127.5°	622.6	623.5	623.9	622.7	620.3	617.9	615.5	613.1	615.5	617.9	620.3
130°	665.3	665.8	666.0	664.6	661.7	658.9	656.0	653.2	656.0	658.9	661.7
132.5°	708.4	708.2	708.1	707.0	704.8	702.7	700.5	698.3	700.5	702.7	704.8
135°	748.9	748.4	748.2	747.0	744.6	742.3	739.9	737.5	739.9	742.3	744.6
137.5°	790.0	789.6	789.4	788.4	786.5	784.5	782.6	780.6	782.6	784.5	786.5
140°	829.2	828.1	827.6	826.6	824.7	822.7	820.8	818.8	820.8	822.7	824.7
142.5°	867.7	867.0	866.7	865.7	863.8	861.8	859.9	857.9	859.9	861.8	863.8
145°	904.0	902.7	902.0	901.2	899.7	898.2	896.6	895.1	896.6	898.2	899.7
147.5°	938.6	937.7	937.3	936.3	934.3	932.4	930.4	928.4	930.4	932.4	934.3
150°	969.9	969.0	968.6	967.9	966.6	965.3	964.0	962.7	964.0	965.3	966.6
152.5°	1000.6	999.5	999.0	998.3	997.0	995.7	994.4	993.1	994.4	995.7	997.0
155°	1027.4	1026.7	1026.4	1026.1	1025.4	1024.7	1024.1	1023.4	1024.1	1024.7	1025.4
157.5°	1052.5	1052.0	1051.8	1051.6	1051.2	1050.7	1050.3	1049.9	1050.3	1050.7	1051.2
160°	1075.7	1075.5	1075.4	1075.2	1074.7	1074.3	1073.8	1073.4	1073.8	1074.3	1074.7
162.5°	1095.2	1095.0	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9
165°	1112.6	1112.6	1112.6	1112.7	1112.9	1113.1	1113.3	1113.5	1113.3	1113.1	1112.9
167.5°	1127.3	1127.3	1127.3	1127.6	1128.3	1128.9	1129.6	1130.2	1129.6	1128.9	1128.3
170°	1139.7	1139.9	1140.0	1140.3	1141.0	1141.6	1142.3	1142.9	1142.3	1141.6	1141.0
172.5°	1148.5	1148.7	1148.8	1149.1	1149.8	1150.4	1151.1	1151.7	1151.1	1150.4	1149.8
175°	1155.0	1155.5	1155.7	1156.0	1156.7	1157.3	1158.0	1158.6	1158.0	1157.3	1156.7
177.5°	1158.9	1159.4	1159.6	1159.9	1160.6	1161.2	1161.9	1162.5	1161.9	1161.2	1160.6
180°	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6

TEST NUMBER: P998616

CATALOG NUMBER: SA2XXDIP-B485D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5
2.5°	949.2	952.9	952.1	944.8	936.7	930.0	917.5	919.0	914.5	915.3	919.7
5°	925.6	925.6	922.6	912.3	899.0	891.7	877.7	874.0	865.1	864.4	863.6
7.5°	900.5	896.8	893.1	878.4	862.2	850.4	831.2	826.8	817.9	812.0	809.1
10°	871.0	865.9	858.5	841.5	821.6	806.9	786.9	781.0	764.1	756.7	752.3
12.5°	838.6	835.6	823.8	809.8	777.4	761.1	732.4	738.3	721.3	706.6	704.3
15°	806.1	795.1	788.4	765.6	726.5	719.1	696.2	684.4	668.9	657.1	657.1
17.5°	774.4	757.4	742.7	718.4	689.6	668.9	652.0	646.1	626.9	615.1	612.9
20°	732.4	713.2	709.5	674.8	654.9	632.1	615.8	601.1	587.1	581.9	578.2
22.5°	692.5	670.4	664.5	635.0	615.1	592.2	576.0	565.7	555.4	551.7	545.0
25°	649.8	636.5	627.6	595.9	573.8	552.4	541.3	534.0	524.4	523.6	519.2
27.5°	608.5	595.9	587.1	556.8	540.6	520.7	511.8	503.7	498.6	496.4	494.1
30°	573.1	559.0	548.7	526.6	506.7	490.5	483.1	477.9	475.0	471.3	470.5
32.5°	534.0	525.9	511.8	494.9	479.4	463.9	459.5	455.8	451.4	449.9	449.2
35°	500.8	489.7	480.9	461.7	455.1	441.8	436.6	433.7	427.8	426.3	424.8
37.5°	468.3	458.0	448.4	436.6	424.1	416.7	413.8	409.3	406.4	407.1	405.6
40°	435.9	427.8	420.4	407.9	400.5	396.8	390.9	386.5	385.0	385.7	385.0
42.5°	404.2	396.8	392.4	382.8	375.4	371.7	368.0	363.6	365.8	365.8	368.0
45°	375.4	368.8	365.8	358.4	354.0	348.1	344.4	343.7	346.6	345.9	345.9
47.5°	345.9	343.7	340.0	333.4	327.5	323.8	323.0	323.0	326.0	327.5	326.7
50°	323.0	318.6	314.2	309.0	304.6	303.1	300.9	302.4	305.3	305.3	306.8
52.5°	294.3	291.3	289.8	285.4	282.5	282.5	282.5	283.2	285.4	287.6	286.9
55°	269.2	267.0	265.5	263.3	259.6	260.3	259.6	261.1	263.3	265.5	267.0
57.5°	242.6	241.9	240.4	236.7	236.7	236.0	238.2	239.0	242.6	244.1	246.3
60°	219.0	216.8	216.8	213.9	213.9	213.9	216.1	218.3	221.3	222.0	223.5
62.5°	194.0	194.0	193.2	191.0	191.0	193.2	194.0	196.9	198.4	198.4	200.6
65°	170.4	169.6	168.9	169.6	170.4	170.4	172.6	174.1	175.5	176.3	177.0
67.5°	146.8	146.0	147.5	146.8	148.2	151.2	150.5	152.7	154.9	154.9	155.6
70°	124.6	126.1	125.4	126.9	126.1	127.6	129.8	130.5	130.5	131.3	133.5
72.5°	104.0	104.0	104.0	103.3	104.0	105.5	106.9	107.7	109.2	109.9	112.1
75°	84.1	84.1	82.6	84.1	84.1	85.6	87.0	87.0	87.0	88.5	90.7
77.5°	63.4	64.2	63.4	64.9	64.9	65.6	67.1	66.4	67.9	68.6	69.3
80°	46.5	45.7	45.7	45.7	46.5	46.5	47.9	48.7	48.7	50.9	49.4
82.5°	29.5	30.2	29.5	30.2	30.2	31.0	30.2	31.0	31.7	33.2	32.5
85°	17.0	16.2	16.2	17.0	16.2	16.2	17.0	16.2	17.0	16.2	17.0
87.5°	6.6	5.9	5.9	5.9	5.9	5.2	5.2	4.4	4.4	4.4	3.7
90°	11.4	12.7	15.1	19.9	24.7	29.5	34.3	33.9	33.4	33.0	32.5
92.5°	28.5	29.4	29.5	29.7	30.0	30.2	30.4	30.6	30.8	31.0	31.2
95°	59.6	60.7	60.9	61.4	61.8	62.3	62.7	62.7	62.7	62.7	62.7
97.5°	93.0	94.0	94.4	95.3	96.2	97.0	97.9	97.9	97.9	97.9	97.9
100°	131.3	132.2	132.5	133.2	133.9	134.5	135.2	135.2	135.2	135.2	135.2
102.5°	170.7	171.4	171.8	172.7	173.6	174.4	175.3	175.5	175.7	176.0	176.2
105°	213.2	213.5	213.7	214.2	214.6	215.1	215.5	215.9	216.3	216.8	217.2
107.5°	259.1	259.5	259.5	259.5	259.5	259.5	259.5	259.7	259.9	260.2	260.4
110°	303.9	304.6	304.6	304.6	304.6	304.6	304.6	304.6	304.6	304.6	304.6

TEST NUMBER: P998616

CATALOG NUMBER: SA2XXDIP-B485D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	350.9	351.6	351.5	351.3	351.0	350.8	350.6	350.0	349.3	348.7	348.0
115°	396.9	397.6	397.4	397.0	396.5	396.1	395.7	395.5	395.3	395.0	394.8
117.5°	444.7	445.6	445.1	444.0	442.9	441.8	440.7	440.1	439.4	438.8	438.1
120°	490.7	491.6	490.7	489.0	487.3	485.5	483.8	483.8	483.8	483.8	483.8
122.5°	534.6	535.7	535.2	534.1	533.0	531.9	530.8	530.2	529.5	528.9	528.2
125°	577.8	578.8	578.5	577.8	577.2	576.5	575.9	575.2	574.6	573.9	573.2
127.5°	622.7	623.9	623.5	622.6	621.7	620.8	619.9	619.0	618.2	617.3	616.4
130°	664.6	666.0	665.8	665.3	664.9	664.4	664.0	663.6	663.2	662.7	662.3
132.5°	707.0	708.1	708.2	708.4	708.7	708.9	709.1	708.0	706.9	705.8	704.7
135°	747.0	748.2	748.4	748.9	749.3	749.8	750.2	750.0	749.8	749.5	749.3
137.5°	788.4	789.4	789.6	790.0	790.5	790.9	791.3	791.1	790.9	790.7	790.5
140°	826.6	827.6	828.1	829.2	830.3	831.4	832.5	832.5	832.5	832.5	832.5
142.5°	865.7	866.7	867.0	867.7	868.4	869.0	869.7	869.9	870.1	870.4	870.6
145°	901.2	902.0	902.7	904.0	905.3	906.6	907.9	908.1	908.3	908.6	908.8
147.5°	936.3	937.3	937.7	938.6	939.5	940.3	941.2	941.6	942.0	942.5	942.9
150°	967.9	968.6	969.0	969.9	970.8	971.6	972.5	973.2	973.8	974.5	975.2
152.5°	998.3	999.0	999.5	1000.6	1001.7	1002.8	1003.9	1004.8	1005.6	1006.5	1007.4
155°	1026.1	1026.4	1026.7	1027.4	1028.0	1028.7	1029.3	1030.4	1031.5	1032.6	1033.7
157.5°	1051.6	1051.8	1052.0	1052.5	1052.9	1053.4	1053.8	1055.3	1056.9	1058.4	1059.9
160°	1075.2	1075.4	1075.5	1075.7	1075.9	1076.1	1076.3	1077.6	1078.9	1080.2	1081.5
162.5°	1094.9	1094.9	1095.0	1095.2	1095.5	1095.7	1095.9	1097.4	1099.0	1100.5	1102.0
165°	1112.7	1112.6	1112.6	1112.6	1112.6	1112.6	1112.6	1114.1	1115.6	1117.1	1118.6
167.5°	1127.6	1127.3	1127.3	1127.3	1127.3	1127.3	1127.3	1128.8	1130.3	1131.8	1133.3
170°	1140.3	1140.0	1139.9	1139.7	1139.4	1139.2	1139.0	1140.5	1142.1	1143.6	1145.1
172.5°	1149.1	1148.8	1148.7	1148.5	1148.2	1148.0	1147.8	1149.3	1150.9	1152.4	1153.9
175°	1156.0	1155.7	1155.5	1155.0	1154.6	1154.1	1153.7	1155.2	1156.8	1158.3	1159.8
177.5°	1159.9	1159.6	1159.4	1158.9	1158.5	1158.0	1157.6	1158.9	1160.2	1161.5	1162.8
180°	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6

TEST NUMBER: P998616

CATALOG NUMBER: SA2XXDIP-B485D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5
2.5°	914.5	916.7	911.6	910.1	911.6	906.4	907.9	909.4	909.4	911.6	913.1
5°	861.4	858.5	853.3	851.8	850.4	852.6	851.1	853.3	854.1	859.2	860.0
7.5°	809.1	804.6	800.2	795.8	794.3	790.6	794.3	794.3	799.5	798.0	801.7
10°	747.1	746.4	740.5	738.3	735.3	729.4	737.5	735.3	739.0	745.6	747.1
12.5°	701.4	693.3	697.0	686.6	690.3	684.4	685.2	685.2	691.1	691.8	690.3
15°	657.9	651.2	641.6	637.2	635.0	632.1	641.6	642.4	638.0	648.3	644.6
17.5°	613.6	613.6	604.8	602.6	596.7	599.6	598.1	598.9	597.4	604.8	608.5
20°	575.3	571.6	568.6	569.4	562.0	560.5	559.0	560.5	565.7	570.8	572.3
22.5°	544.3	542.1	534.7	536.2	530.3	532.5	531.0	534.7	535.4	535.4	540.6
25°	514.8	511.8	512.6	509.6	507.4	507.4	505.2	507.4	510.4	511.8	512.6
27.5°	492.7	490.5	486.8	484.6	486.0	482.3	485.3	487.5	487.5	486.0	487.5
30°	466.1	467.6	467.6	460.2	463.2	461.7	463.9	465.4	465.4	466.1	464.6
32.5°	448.4	444.0	443.3	442.5	442.5	439.6	439.6	441.8	442.5	443.3	445.5
35°	424.8	424.8	421.1	423.3	420.4	421.1	420.4	421.1	422.6	420.4	422.6
37.5°	403.4	404.2	402.7	404.2	404.9	403.4	402.0	404.9	403.4	403.4	402.0
40°	385.0	384.3	385.0	385.0	385.0	385.7	384.3	384.3	384.3	382.8	381.3
42.5°	369.5	365.1	366.6	367.3	365.1	365.1	365.8	365.1	367.3	362.9	362.9
45°	347.4	345.9	346.6	346.6	348.1	345.9	347.4	348.1	345.9	345.2	343.7
47.5°	327.5	328.9	327.5	328.9	328.9	330.4	327.5	328.2	328.9	326.0	323.8
50°	307.5	307.5	309.8	309.0	309.8	308.3	308.3	307.5	308.3	306.8	304.6
52.5°	289.1	286.9	290.6	289.8	289.1	288.4	287.6	288.4	286.9	285.4	285.4
55°	266.2	266.2	268.5	269.2	269.2	267.7	266.2	267.0	266.2	265.5	264.8
57.5°	247.8	244.9	246.3	247.1	247.1	244.9	246.3	244.9	244.9	245.6	243.4
60°	224.2	224.2	222.7	224.9	224.9	223.5	223.5	224.2	222.7	222.0	221.3
62.5°	199.1	199.9	202.1	202.8	203.6	202.1	200.6	201.3	201.3	199.1	199.9
65°	177.7	179.2	182.2	181.4	180.0	180.7	179.2	180.0	177.7	178.5	176.3
67.5°	157.1	156.4	157.1	157.1	158.6	157.8	156.4	156.4	155.6	157.8	155.6
70°	135.0	135.0	135.0	135.0	135.7	136.4	135.0	133.5	134.2	132.8	132.0
72.5°	112.1	112.8	112.1	113.6	111.4	112.8	112.8	112.1	111.4	111.4	111.4
75°	90.7	92.2	90.0	90.7	90.0	91.5	90.7	90.7	89.2	88.5	89.2
77.5°	69.3	70.1	68.6	69.3	68.6	69.3	69.3	68.6	68.6	68.6	68.6
80°	49.4	50.2	49.4	48.7	47.9	49.4	47.9	48.7	49.4	48.7	50.2
82.5°	31.7	31.7	31.0	31.7	30.2	30.2	31.0	31.0	30.2	31.7	30.2
85°	15.5	15.5	17.0	15.5	14.8	14.8	14.8	15.5	14.8	16.2	15.5
87.5°	3.7	3.0	3.7	3.7	3.0	3.0	3.7	3.0	3.7	4.4	3.0
90°	32.3	32.4	32.6	32.9	33.1	33.3	33.1	32.9	32.6	32.4	32.3
92.5°	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
95°	62.7	62.5	62.0	61.6	61.1	60.7	61.1	61.6	62.0	62.5	62.7
97.5°	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
100°	135.2	135.1	134.9	134.6	134.4	134.2	134.4	134.6	134.9	135.1	135.2
102.5°	176.3	176.2	176.0	175.7	175.5	175.3	175.5	175.7	176.0	176.2	176.3
105°	217.4	217.4	217.4	217.4	217.4	217.4	217.4	217.4	217.4	217.4	217.4
107.5°	260.5	260.0	258.9	257.8	256.7	255.6	256.7	257.8	258.9	260.0	260.5
110°	304.6	304.3	303.6	302.9	302.3	301.6	302.3	302.9	303.6	304.3	304.6

TEST NUMBER: P998616

CATALOG NUMBER: SA2XXDIP-B485D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	347.7	347.5	347.0	346.6	346.1	345.7	346.1	346.6	347.0	347.5	347.7
115°	394.7	394.4	393.7	393.0	392.4	391.7	392.4	393.0	393.7	394.4	394.7
117.5°	437.8	437.5	436.8	436.1	435.5	434.8	435.5	436.1	436.8	437.5	437.8
120°	483.8	483.5	482.8	482.2	481.5	480.9	481.5	482.2	482.8	483.5	483.8
122.5°	527.9	527.7	527.2	526.8	526.3	525.9	526.3	526.8	527.2	527.7	527.9
125°	572.9	572.8	572.6	572.4	572.2	572.0	572.2	572.4	572.6	572.8	572.9
127.5°	616.0	615.7	615.0	614.4	613.7	613.1	613.7	614.4	615.0	615.7	616.0
130°	662.1	661.7	660.8	659.9	659.0	658.1	659.0	659.9	660.8	661.7	662.1
132.5°	704.2	703.9	703.2	702.5	701.9	701.2	701.9	702.5	703.2	703.9	704.2
135°	749.2	748.9	748.2	747.6	746.9	746.3	746.9	747.6	748.2	748.9	749.2
137.5°	790.4	790.0	789.1	788.2	787.3	786.4	787.3	788.2	789.1	790.0	790.4
140°	832.5	832.1	831.2	830.3	829.4	828.5	829.4	830.3	831.2	832.1	832.5
142.5°	870.7	870.3	869.4	868.5	867.6	866.7	867.6	868.5	869.4	870.3	870.7
145°	908.9	908.5	907.6	906.7	905.8	904.9	905.8	906.7	907.6	908.5	908.9
147.5°	943.1	942.7	941.8	940.9	940.1	939.2	940.1	940.9	941.8	942.7	943.1
150°	975.5	975.2	974.5	973.8	973.2	972.5	973.2	973.8	974.5	975.2	975.5
152.5°	1007.8	1007.4	1006.5	1005.6	1004.8	1003.9	1004.8	1005.6	1006.5	1007.4	1007.8
155°	1034.2	1033.9	1033.2	1032.6	1031.9	1031.3	1031.9	1032.6	1033.2	1033.9	1034.2
157.5°	1060.7	1060.2	1059.1	1058.0	1056.9	1055.8	1056.9	1058.0	1059.1	1060.2	1060.7
160°	1082.2	1081.8	1080.9	1080.0	1079.2	1078.3	1079.2	1080.0	1080.9	1081.8	1082.2
162.5°	1102.8	1102.3	1101.2	1100.1	1099.0	1097.9	1099.0	1100.1	1101.2	1102.3	1102.8
165°	1119.4	1118.9	1117.8	1116.7	1115.6	1114.5	1115.6	1116.7	1117.8	1118.9	1119.4
167.5°	1134.1	1133.6	1132.5	1131.4	1130.3	1129.2	1130.3	1131.4	1132.5	1133.6	1134.1
170°	1145.9	1145.2	1143.9	1142.6	1141.3	1140.0	1141.3	1142.6	1143.9	1145.2	1145.9
172.5°	1154.7	1154.0	1152.7	1151.4	1150.1	1148.8	1150.1	1151.4	1152.7	1154.0	1154.7
175°	1160.6	1159.9	1158.6	1157.3	1156.0	1154.7	1156.0	1157.3	1158.6	1159.9	1160.6
177.5°	1163.5	1162.8	1161.5	1160.2	1158.9	1157.6	1158.9	1160.2	1161.5	1162.8	1163.5
180°	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6

TEST NUMBER: P998616

CATALOG NUMBER: SA2XXDIP-B485D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5
2.5°	910.8	916.7	914.5	906.4	916.0	916.0	922.6	922.6	930.8	933.7	938.1
5°	859.2	863.6	867.3	863.6	870.3	880.6	886.5	891.7	902.7	907.2	913.8
7.5°	803.9	812.0	815.7	815.7	826.8	838.6	850.4	857.7	873.2	879.1	885.8
10°	750.1	759.7	767.0	766.3	784.7	792.1	806.9	823.8	839.3	848.2	857.7
12.5°	693.3	698.4	708.8	723.5	727.9	741.2	758.2	779.6	807.6	815.7	829.7
15°	646.1	660.1	668.2	674.8	685.2	697.7	716.1	736.8	764.8	782.5	797.3
17.5°	606.2	624.7	629.8	628.4	641.6	660.8	682.2	697.7	722.8	744.2	758.2
20°	573.8	581.2	590.0	593.7	604.0	624.7	645.3	663.0	683.7	700.7	716.9
22.5°	541.3	547.2	554.6	561.3	569.4	581.2	601.1	623.2	643.1	659.3	677.8
25°	514.8	518.5	525.1	530.3	539.1	547.2	561.3	585.6	609.2	618.8	635.0
27.5°	489.0	491.9	496.4	502.3	506.7	514.8	527.3	547.2	571.6	581.2	603.3
30°	466.1	468.3	472.8	475.7	477.9	487.5	497.1	512.6	531.0	544.3	560.5
32.5°	444.7	446.9	451.4	452.1	455.1	460.2	469.1	483.1	499.3	510.4	524.4
35°	421.1	422.6	427.0	428.5	430.7	435.1	441.8	452.1	466.9	475.0	487.5
37.5°	402.7	402.0	404.9	407.1	410.1	412.3	414.5	424.8	435.9	443.3	452.8
40°	382.8	381.3	382.0	385.0	386.5	389.4	389.4	399.7	407.1	413.0	420.4
42.5°	362.9	362.1	360.7	362.1	363.6	364.3	365.1	372.5	379.8	385.0	393.1
45°	343.0	342.2	340.7	341.5	341.5	343.0	345.2	348.1	353.3	357.7	362.1
47.5°	324.5	323.0	320.8	320.1	321.6	321.6	321.6	324.5	329.7	331.1	335.6
50°	305.3	303.1	300.2	298.7	298.7	298.0	299.4	300.2	304.6	306.1	309.8
52.5°	284.7	283.2	280.3	277.3	278.0	276.6	277.3	278.0	279.5	281.7	283.9
55°	264.0	261.1	258.9	258.1	255.9	255.9	253.7	256.7	255.9	256.7	259.6
57.5°	244.1	241.2	237.5	236.0	233.8	233.1	231.6	230.8	231.6	233.8	236.0
60°	220.5	219.0	216.8	214.6	213.1	210.9	209.5	209.5	208.7	208.7	209.5
62.5°	197.7	196.9	194.0	193.2	191.8	190.3	188.1	186.6	186.6	188.1	188.8
65°	175.5	174.8	172.6	171.8	168.2	166.7	165.9	165.2	163.7	163.7	163.7
67.5°	154.9	152.7	152.7	149.0	146.0	144.6	143.1	142.3	142.3	142.3	143.1
70°	132.0	132.0	129.8	127.6	124.6	125.4	123.2	121.0	121.0	119.5	120.2
72.5°	109.9	109.2	106.9	106.2	104.0	101.8	100.3	101.8	99.6	98.8	99.6
75°	88.5	87.8	86.3	84.8	85.6	83.3	81.1	80.4	80.4	78.9	78.9
77.5°	67.9	69.3	66.4	65.6	64.2	62.7	62.0	61.2	61.2	61.2	62.7
80°	47.2	47.9	47.9	46.5	47.2	45.0	45.0	45.0	42.8	43.5	44.3
82.5°	30.2	30.2	29.5	30.2	29.5	29.5	28.8	28.8	28.0	28.0	28.8
85°	17.0	16.2	15.5	17.0	16.2	16.2	15.5	15.5	15.5	15.5	15.5
87.5°	3.7	4.4	4.4	4.4	4.4	5.2	5.2	5.2	5.9	5.9	5.9
90°	32.5	33.0	33.4	33.9	34.3	29.5	24.7	19.9	15.1	12.7	11.4
92.5°	31.2	31.0	30.8	30.6	30.4	30.2	30.0	29.7	29.5	29.4	28.5
95°	62.7	62.7	62.7	62.7	62.7	62.3	61.8	61.4	60.9	60.7	59.6
97.5°	97.9	97.9	97.9	97.9	97.9	97.0	96.2	95.3	94.4	94.0	93.0
100°	135.2	135.2	135.2	135.2	135.2	134.5	133.9	133.2	132.5	132.2	131.3
102.5°	176.2	176.0	175.7	175.5	175.3	174.4	173.6	172.7	171.8	171.4	170.7
105°	217.2	216.8	216.3	215.9	215.5	215.1	214.6	214.2	213.7	213.5	213.2
107.5°	260.4	260.2	259.9	259.7	259.5	259.5	259.5	259.5	259.5	259.5	259.1
110°	304.6	304.6	304.6	304.6	304.6	304.6	304.6	304.6	304.6	304.6	303.9

TEST NUMBER: P998616

CATALOG NUMBER: SA2XXDIP-B485D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	348.0	348.7	349.3	350.0	350.6	350.8	351.0	351.3	351.5	351.6	350.9
115°	394.8	395.0	395.3	395.5	395.7	396.1	396.5	397.0	397.4	397.6	396.9
117.5°	438.1	438.8	439.4	440.1	440.7	441.8	442.9	444.0	445.1	445.6	444.7
120°	483.8	483.8	483.8	483.8	483.8	485.5	487.3	489.0	490.7	491.6	490.7
122.5°	528.2	528.9	529.5	530.2	530.8	531.9	533.0	534.1	535.2	535.7	534.6
125°	573.2	573.9	574.6	575.2	575.9	576.5	577.2	577.8	578.5	578.8	577.8
127.5°	616.4	617.3	618.2	619.0	619.9	620.8	621.7	622.6	623.5	623.9	622.7
130°	662.3	662.7	663.2	663.6	664.0	664.4	664.9	665.3	665.8	666.0	664.6
132.5°	704.7	705.8	706.9	708.0	709.1	708.9	708.7	708.4	708.2	708.1	707.0
135°	749.3	749.5	749.8	750.0	750.2	749.8	749.3	748.9	748.4	748.2	747.0
137.5°	790.5	790.7	790.9	791.1	791.3	790.9	790.5	790.0	789.6	789.4	788.4
140°	832.5	832.5	832.5	832.5	832.5	831.4	830.3	829.2	828.1	827.6	826.6
142.5°	870.6	870.4	870.1	869.9	869.7	869.0	868.4	867.7	867.0	866.7	865.7
145°	908.8	908.6	908.3	908.1	907.9	906.6	905.3	904.0	902.7	902.0	901.2
147.5°	942.9	942.5	942.0	941.6	941.2	940.3	939.5	938.6	937.7	937.3	936.3
150°	975.2	974.5	973.8	973.2	972.5	971.6	970.8	969.9	969.0	968.6	967.9
152.5°	1007.4	1006.5	1005.6	1004.8	1003.9	1002.8	1001.7	1000.6	999.5	999.0	998.3
155°	1033.7	1032.6	1031.5	1030.4	1029.3	1028.7	1028.0	1027.4	1026.7	1026.4	1026.1
157.5°	1059.9	1058.4	1056.9	1055.3	1053.8	1053.4	1052.9	1052.5	1052.0	1051.8	1051.6
160°	1081.5	1080.2	1078.9	1077.6	1076.3	1076.1	1075.9	1075.7	1075.5	1075.4	1075.2
162.5°	1102.0	1100.5	1099.0	1097.4	1095.9	1095.7	1095.5	1095.2	1095.0	1094.9	1094.9
165°	1118.6	1117.1	1115.6	1114.1	1112.6	1112.6	1112.6	1112.6	1112.6	1112.6	1112.7
167.5°	1133.3	1131.8	1130.3	1128.8	1127.3	1127.3	1127.3	1127.3	1127.3	1127.3	1127.6
170°	1145.1	1143.6	1142.1	1140.5	1139.0	1139.2	1139.4	1139.7	1139.9	1140.0	1140.3
172.5°	1153.9	1152.4	1150.9	1149.3	1147.8	1148.0	1148.2	1148.5	1148.7	1148.8	1149.1
175°	1159.8	1158.3	1156.8	1155.2	1153.7	1154.1	1154.6	1155.0	1155.5	1155.7	1156.0
177.5°	1162.8	1161.5	1160.2	1158.9	1157.6	1158.0	1158.5	1158.9	1159.4	1159.6	1159.9
180°	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6

TEST NUMBER: P998616

CATALOG NUMBER: SA2XXDIP-B485D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	959.5	959.5	959.5	959.5
2.5°	941.8	941.8	952.9	964.7
5°	921.2	926.3	944.0	960.3
7.5°	901.3	910.1	932.2	952.9
10°	876.9	888.7	916.0	940.3
12.5°	853.3	864.4	896.1	923.4
15°	820.1	834.1	868.1	902.0
17.5°	786.9	801.0	842.3	882.1
20°	747.9	766.3	812.8	865.9
22.5°	711.7	734.6	786.2	829.0
25°	671.9	707.3	755.2	810.5
27.5°	636.5	671.9	720.6	776.6
30°	596.7	632.8	683.0	734.6
32.5°	558.3	591.5	640.2	703.6
35°	518.5	550.2	597.4	661.6
37.5°	482.3	513.3	564.9	623.9
40°	446.9	479.4	523.6	582.6
42.5°	413.8	442.5	482.3	541.3
45°	383.5	404.2	441.0	496.4
47.5°	351.8	370.2	404.2	459.5
50°	322.3	337.8	367.3	418.9
52.5°	293.5	306.8	334.1	375.4
55°	267.7	280.3	300.2	340.7
57.5°	241.2	250.8	269.9	302.4
60°	215.4	224.2	239.7	266.2
62.5°	189.5	196.9	211.7	233.1
65°	166.7	172.6	183.6	202.1
67.5°	144.6	148.2	157.1	171.8
70°	123.2	126.1	133.5	145.3
72.5°	100.3	103.3	111.4	119.5
75°	81.1	81.9	87.8	94.4
77.5°	63.4	62.7	67.1	72.3
80°	43.5	45.7	49.4	51.6
82.5°	29.5	30.2	31.7	33.2
85°	16.2	17.0	17.0	19.2
87.5°	6.6	7.4	7.4	8.1
90°	8.8	6.2	3.6	1.0
92.5°	26.8	25.0	23.3	21.5
95°	57.4	55.3	53.1	50.9
97.5°	91.1	89.1	87.2	85.2
100°	129.6	127.9	126.1	124.4
102.5°	169.4	168.1	166.8	165.5
105°	212.5	211.9	211.2	210.6
107.5°	258.2	257.3	256.5	255.6
110°	302.6	301.3	300.0	298.7



TEST NUMBER: P998616

CATALOG NUMBER: SA2XXDIP-B485D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	349.6	348.3	347.0	345.7
115°	395.6	394.3	393.0	391.7
117.5°	443.0	441.3	439.5	437.8
120°	489.0	487.3	485.5	483.8
122.5°	532.4	530.3	528.1	525.9
125°	575.9	573.9	572.0	570.0
127.5°	620.3	617.9	615.5	613.1
130°	661.7	658.9	656.0	653.2
132.5°	704.8	702.7	700.5	698.3
135°	744.6	742.3	739.9	737.5
137.5°	786.5	784.5	782.6	780.6
140°	824.7	822.7	820.8	818.8
142.5°	863.8	861.8	859.9	857.9
145°	899.7	898.2	896.6	895.1
147.5°	934.3	932.4	930.4	928.4
150°	966.6	965.3	964.0	962.7
152.5°	997.0	995.7	994.4	993.1
155°	1025.4	1024.7	1024.1	1023.4
157.5°	1051.2	1050.7	1050.3	1049.9
160°	1074.7	1074.3	1073.8	1073.4
162.5°	1094.9	1094.9	1094.9	1094.9
165°	1112.9	1113.1	1113.3	1113.5
167.5°	1128.3	1128.9	1129.6	1130.2
170°	1141.0	1141.6	1142.3	1142.9
172.5°	1149.8	1150.4	1151.1	1151.7
175°	1156.7	1157.3	1158.0	1158.6
177.5°	1160.6	1161.2	1161.9	1162.5
180°	1160.6	1160.6	1160.6	1160.6

TEST NUMBER: P998616

CATALOG NUMBER: SA2XXDIP-B485D925UB27-4F0-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	14.23	14.98	15.28	16.03	17.44	11.72	12.47	12.77	13.52	14.94
	3H	15.03	15.70	16.09	16.76	18.20	13.06	13.73	14.12	14.79	16.22
	4H	15.20	15.83	16.27	16.89	18.33	13.52	14.15	14.59	15.21	16.65
	6H	15.24	15.82	16.31	16.88	18.34	13.82	14.40	14.90	15.47	16.92
	8H	15.21	15.77	16.30	16.85	18.30	13.90	14.45	14.98	15.53	16.98
	12H	15.17	15.70	16.26	16.77	18.24	13.94	14.46	15.02	15.54	17.01
4H	2H	14.26	14.89	15.33	15.95	17.39	12.16	12.79	13.23	13.85	15.29
	3H	15.23	15.76	16.31	16.84	18.30	13.61	14.13	14.69	15.22	16.68
	4H	15.50	15.99	16.59	17.06	18.54	14.14	14.62	15.22	15.70	17.17
	6H	15.63	16.04	16.72	17.14	18.61	14.51	14.93	15.61	16.03	17.50
	8H	15.62	16.01	16.72	17.10	18.59	14.62	15.01	15.71	16.10	17.58
	12H	15.58	15.93	16.69	17.04	18.53	14.67	15.02	15.78	16.13	17.62
8H	4H	15.50	15.89	16.60	16.98	18.47	14.27	14.66	15.37	15.75	17.24
	6H	15.68	16.00	16.79	17.13	18.61	14.70	15.02	15.82	16.16	17.64
	8H	15.71	15.99	16.83	17.10	18.60	14.85	15.13	15.98	16.25	17.75
	12H	15.69	15.93	16.81	17.04	18.58	14.94	15.18	16.07	16.30	17.84
12H	4H	15.45	15.80	16.57	16.91	18.40	14.24	14.59	15.35	15.70	17.19
	6H	15.65	15.93	16.78	17.05	18.55	14.70	14.98	15.83	16.10	17.60
	8H	15.68	15.93	16.81	17.04	18.58	14.85	15.10	15.98	16.21	17.75