

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: P1029576

Luminaire Tested: S122DIW-B485D970UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029576
REPORT IS A COMBINATION OF REPORTS P986301 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIW-B485D970UB2750-4F0-XX-W2A-A_5000K
Description: Define 2 Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

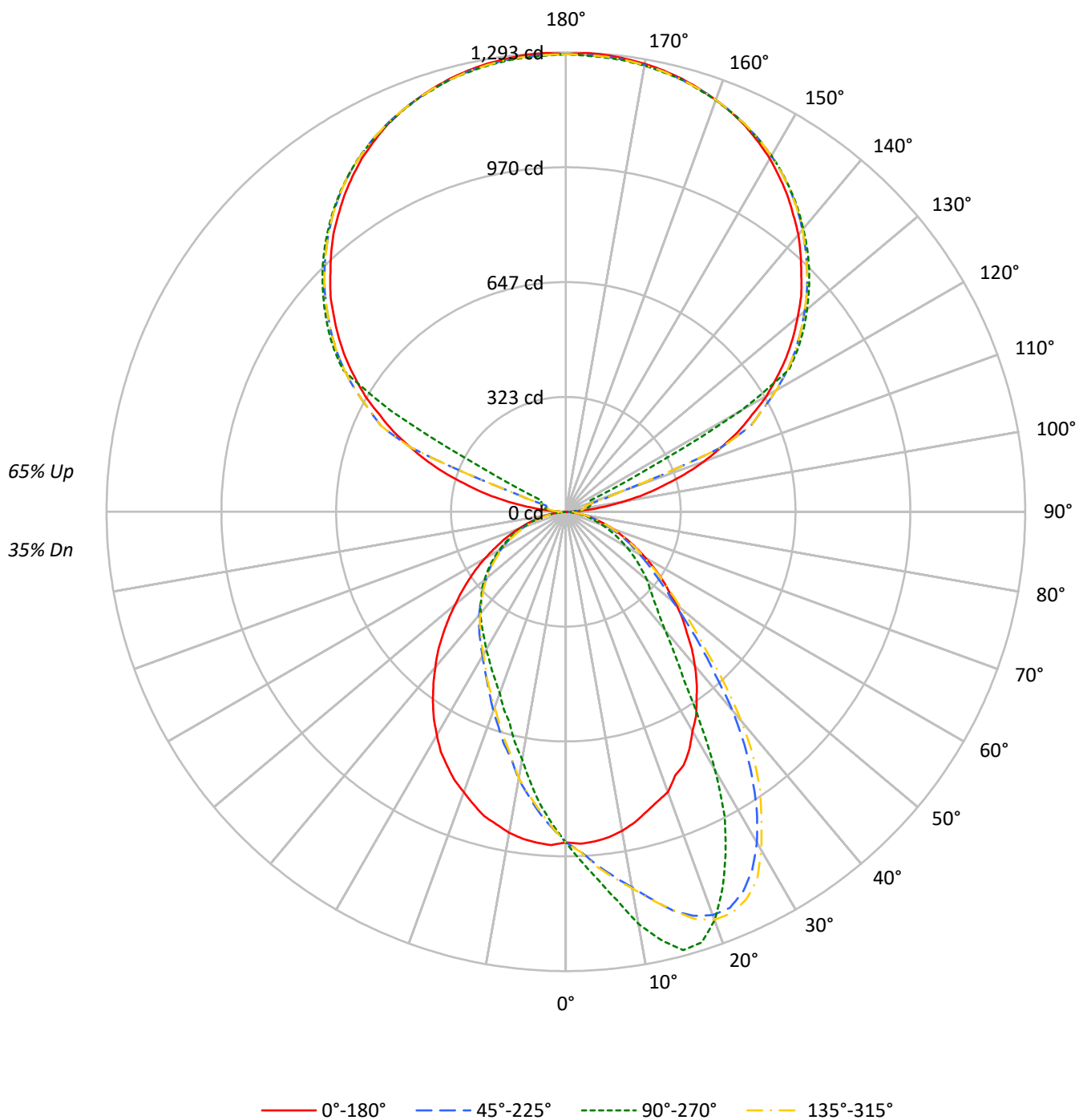
Lumens per Lamp: N/A
Luminaire Lumens: 5831.0 lumens
Efficiency: N/A
Efficacy: 105.1 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 55.5
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	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43	35		
1	95	91	87	84	86	82	79	76	66	64	62	52	50	49	38	37	37	30		
2	87	80	74	69	78	72	67	63	58	55	52	46	43	41	34	33	31	26		
3	79	70	63	58	71	64	58	53	52	48	44	41	38	35	30	29	27	22		
4	73	62	55	49	65	57	50	45	46	42	38	36	33	31	27	25	24	20		
5	67	56	48	42	60	51	44	39	41	37	33	33	29	27	25	23	21	17		
6	61	50	42	37	55	46	39	34	37	32	29	30	26	23	23	20	18	15		
7	57	45	37	32	51	41	35	30	34	29	25	27	24	21	21	18	16	14		
8	53	41	33	28	48	37	31	26	31	26	22	25	21	19	19	17	15	12		
9	49	37	30	25	44	34	28	24	28	24	20	23	19	17	18	15	13	11		
10	46	34	27	23	42	31	25	21	26	21	18	21	18	15	16	14	12	10		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14729	14729	14729	14729
5°	14764	15704	14821	12495
10°	14593	17145	14684	10302
15°	14239	18083	14438	8678
20°	14017	16980	14017	7542
25°	13570	14587	13632	6745
30°	12836	11467	13081	6109
35°	12185	7929	12388	5590
40°	11435	5986	11567	5176
45°	10514	4919	10684	4727
50°	9716	4319	9733	4329
55°	8804	3679	8863	3893
60°	7835	3074	7944	3398
65°	6968	2499	7092	2902
70°	6102	1962	6258	2340
75°	5119	1424	5320	1698
80°	4000	902	4279	1007
85°	2627	454	2825	336

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 15226 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.6	1.5
10°-20°	258.0	4.4
20°-30°	374.4	6.4
30°-40°	394.7	6.8
40°-50°	349.2	6.0
50°-60°	278.9	4.8
60°-70°	189.4	3.2
70°-80°	96.9	1.7
80°-90°	25.2	0.4
90°-100°	42.5	0.7
100°-110°	158.3	2.7
110°-120°	419.9	7.2
120°-130°	696.4	11.9
130°-140°	739.7	12.7
140°-150°	687.5	11.8
150°-160°	552.7	9.5
160°-170°	356.2	6.1
170°-180°	122.6	2.1
0°-30°	721.0	12.4
0°-40°	1115.7	19.1
0°-60°	1743.8	29.9
0°-90°	2055.3	35.2
90°-120°	620.7	10.6
90°-150°	2744.3	47.1
90°-180°	3776.0	64.8
0°-180°	5831.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	930	930	930	930	930	
5°	931	1039	935	827	931	88
15°	875	1277	887	613	875	247
25°	786	1064	790	492	786	359
35°	642	579	652	408	642	401
45°	481	349	489	335	481	373
55°	330	245	333	260	330	295
65°	196	151	200	175	196	195
75°	92	74	95	89	92	98
85°	19	19	20	14	19	22
90°	1	25	1	25	1	5
95°	61	40	61	40	61	72
105°	283	71	283	71	283	303
115°	536	76	536	76	536	527
125°	758	797	758	797	758	676
135°	938	968	938	968	938	724
145°	1088	1104	1088	1104	1088	680
155°	1198	1198	1198	1198	1198	552
165°	1262	1259	1262	1259	1262	356
175°	1291	1283	1291	1283	1291	123
180°	1288	1288	1288	1288	1288	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	935.5	937.7	941.2	942.0	949.1	954.8	961.3	961.3	963.4	962.7	957.0
5°	931.2	937.7	947.0	954.8	967.7	973.4	982.0	988.4	994.2	998.5	997.7
7.5°	924.1	935.5	949.1	964.1	981.3	991.3	1003.5	1014.9	1022.8	1029.9	1034.9
10°	911.9	931.2	949.8	969.9	992.0	1005.6	1019.9	1034.9	1047.1	1060.7	1073.6
12.5°	895.5	923.4	946.3	972.7	999.9	1014.9	1037.8	1049.2	1072.8	1107.2	1116.5
15°	874.7	912.6	934.1	967.7	1003.5	1015.6	1047.1	1065.7	1114.3	1135.8	1161.5
17.5°	855.4	897.6	926.2	964.8	999.9	1023.5	1054.3	1092.2	1132.9	1163.7	1192.3
20°	839.7	880.4	914.8	957.7	1002.0	1032.1	1064.3	1110.0	1154.4	1185.9	1208.0
22.5°	803.9	856.1	896.2	944.1	997.7	1039.2	1070.0	1120.1	1168.0	1187.3	1206.6
25°	786.0	831.1	877.6	931.9	994.9	1044.2	1070.7	1126.5	1168.7	1175.8	1180.1
27.5°	753.1	803.9	858.3	920.5	994.2	1035.7	1069.3	1120.1	1153.7	1148.7	1135.8
30°	712.4	774.6	834.7	901.9	984.2	1029.2	1060.7	1107.2	1124.3	1098.6	1075.7
32.5°	682.3	741.0	807.5	885.5	972.7	1015.6	1046.4	1082.9	1086.4	1039.9	1001.3
35°	641.6	706.6	781.7	864.0	953.4	992.0	1020.6	1042.8	1025.6	960.6	914.8
37.5°	605.1	669.5	749.6	833.2	926.9	964.8	987.7	991.3	949.1	891.9	824.7
40°	565.0	631.5	715.2	803.2	897.6	930.5	944.8	934.1	873.3	806.8	728.8
42.5°	525.0	590.8	680.9	771.0	860.4	888.3	894.0	864.7	790.3	712.4	622.3
45°	481.4	550.0	640.1	731.0	817.5	833.2	834.0	791.8	703.8	622.3	538.6
47.5°	445.6	509.2	598.6	689.5	762.4	773.2	768.9	720.2	624.4	532.8	459.9
50°	406.3	467.0	555.7	645.1	707.4	710.2	699.5	630.1	536.4	452.7	394.8
52.5°	364.1	425.6	507.1	592.9	648.7	644.4	623.7	549.3	461.3	391.9	347.6
55°	330.4	384.8	461.3	545.0	584.3	572.2	549.3	473.5	404.1	345.5	306.8
57.5°	293.2	341.2	416.3	489.2	512.1	500.7	477.8	407.0	342.6	298.3	272.5
60°	258.2	301.8	367.6	428.4	446.3	434.1	407.7	344.0	297.5	260.3	241.0
62.5°	226.0	263.9	319.0	374.8	381.9	369.8	346.9	295.4	255.3	226.0	211.7
65°	196.0	231.7	276.1	318.3	324.7	311.8	288.2	251.0	217.4	198.8	185.2
67.5°	166.6	195.3	234.6	265.4	268.9	256.8	237.5	207.4	186.7	166.6	156.6
70°	140.9	162.4	193.1	218.1	219.6	208.1	198.1	170.9	155.2	140.9	133.0
72.5°	115.9	130.9	154.5	173.1	173.8	166.6	157.4	140.2	126.6	116.6	108.7
75°	91.5	104.4	118.7	135.2	134.5	128.7	121.6	110.9	99.4	93.0	89.4
77.5°	70.1	78.0	89.4	100.1	100.1	97.3	93.0	85.1	78.0	71.5	67.9
80°	50.1	55.1	64.4	67.9	69.4	68.7	65.1	59.4	56.5	51.5	50.1
82.5°	32.2	35.8	40.1	43.6	45.8	44.3	43.6	40.8	36.5	35.0	33.6
85°	18.6	20.0	22.2	24.3	25.0	24.3	25.7	23.6	21.5	21.5	20.7
87.5°	7.9	8.6	10.0	10.0	10.7	10.7	10.0	10.7	10.7	10.0	9.3
90°	0.9	3.2	5.5	7.8	10.1	11.2	12.0	13.7	15.3	17.0	18.6
92.5°	23.3	22.5	21.7	20.8	20.0	19.6	19.9	20.5	21.2	21.8	22.4
95°	60.6	53.8	46.9	40.1	33.2	29.8	30.5	32.0	33.4	34.9	36.3
97.5°	109.0	92.0	75.0	58.1	41.1	32.6	34.3	37.6	40.9	44.2	47.5
100°	165.0	136.6	108.2	79.9	51.5	37.3	39.1	42.6	46.1	49.6	53.1
102.5°	226.5	226.1	225.7	225.2	224.8	224.6	205.8	168.1	130.4	92.7	55.0
105°	283.3	289.5	295.7	302.0	308.2	311.3	283.0	226.5	169.9	113.4	56.8
107.5°	349.5	354.7	359.9	365.0	370.2	372.8	337.9	268.1	198.3	128.5	58.7
110°	412.8	417.2	421.5	425.9	430.2	432.4	402.5	342.6	282.8	222.9	163.1

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	472.5	476.2	480.0	483.7	487.4	489.3	487.5	484.0	480.5	476.9	473.4
115°	535.9	539.4	542.9	546.4	549.9	551.7	554.3	559.5	564.6	569.8	575.0
117.5°	590.8	595.0	599.1	603.3	607.4	609.5	611.3	614.8	618.3	621.8	625.3
120°	652.3	655.4	658.5	661.6	664.7	666.3	668.2	671.9	675.6	679.4	683.1
122.5°	704.5	707.8	711.1	714.4	717.7	719.4	721.5	725.6	729.8	733.9	738.1
125°	757.7	760.4	763.1	765.8	768.5	769.8	771.8	775.7	779.6	783.6	787.5
127.5°	806.1	809.0	811.9	814.8	817.7	819.2	820.7	823.8	826.9	830.0	833.1
130°	851.8	855.1	858.4	861.7	865.0	866.7	867.8	870.1	872.4	874.6	876.9
132.5°	898.4	901.1	903.8	906.5	909.2	910.5	911.6	913.9	916.2	918.4	920.7
135°	937.5	940.8	944.1	947.4	950.7	952.4	953.3	955.2	957.1	958.9	960.8
137.5°	978.5	981.0	983.5	986.0	988.5	989.7	990.7	992.8	994.9	996.9	999.0
140°	1018.6	1020.3	1021.9	1023.6	1025.3	1026.1	1027.2	1029.5	1031.8	1034.0	1036.3
142.5°	1052.1	1053.6	1055.0	1056.5	1058.0	1058.7	1060.0	1062.7	1065.4	1068.1	1070.8
145°	1087.6	1087.4	1087.2	1086.9	1086.7	1086.6	1088.4	1091.9	1095.4	1099.0	1102.5
147.5°	1118.3	1117.7	1117.1	1116.4	1115.8	1115.5	1117.3	1120.8	1124.3	1127.9	1131.4
150°	1148.1	1146.7	1145.2	1143.8	1142.3	1141.6	1143.3	1146.6	1149.9	1153.2	1156.5
152.5°	1173.3	1171.6	1170.0	1168.3	1166.6	1165.8	1167.4	1170.5	1173.6	1176.7	1179.8
155°	1197.5	1195.6	1193.8	1191.9	1190.0	1189.1	1190.3	1192.8	1195.3	1197.8	1200.3
157.5°	1217.1	1215.4	1213.8	1212.1	1210.4	1209.6	1210.5	1212.4	1214.3	1216.1	1218.0
160°	1233.9	1232.7	1231.4	1230.2	1228.9	1228.3	1228.9	1230.2	1231.4	1232.7	1233.9
162.5°	1248.8	1247.6	1246.3	1245.1	1243.8	1243.2	1243.7	1244.7	1245.8	1246.8	1247.8
165°	1261.8	1260.6	1259.3	1258.1	1256.8	1256.2	1256.5	1257.1	1257.8	1258.4	1259.0
167.5°	1272.1	1270.9	1269.6	1268.4	1267.1	1266.5	1266.8	1267.4	1268.1	1268.7	1269.3
170°	1280.5	1279.3	1278.0	1276.8	1275.5	1274.9	1275.1	1275.5	1275.9	1276.3	1276.7
172.5°	1286.1	1284.9	1283.6	1282.4	1281.1	1280.5	1280.7	1281.1	1281.5	1281.9	1282.3
175°	1290.7	1289.3	1287.8	1286.4	1284.9	1284.2	1284.4	1284.8	1285.3	1285.7	1286.1
177.5°	1292.6	1291.2	1289.7	1288.3	1286.8	1286.1	1286.2	1286.4	1286.6	1286.8	1287.0
180°	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	967.0	967.7	969.1	976.3	979.9	980.6	977.7	984.2	986.3	984.2	982.7
5°	1012.8	1017.1	1025.6	1034.9	1034.2	1034.9	1039.2	1043.5	1045.0	1039.2	1041.4
7.5°	1052.8	1061.4	1070.7	1085.0	1085.0	1092.2	1095.0	1098.6	1107.2	1102.9	1101.5
10°	1098.6	1110.0	1127.2	1150.1	1150.8	1158.0	1165.1	1176.6	1180.1	1177.3	1178.7
12.5°	1155.8	1178.0	1179.4	1204.4	1215.9	1217.3	1228.8	1226.6	1233.8	1233.8	1245.9
15°	1180.8	1215.2	1234.5	1258.8	1266.0	1257.4	1266.7	1276.7	1277.4	1277.4	1276.7
17.5°	1225.9	1239.5	1258.8	1271.7	1274.5	1274.5	1275.3	1279.5	1276.7	1271.0	1275.3
20°	1235.2	1240.9	1248.1	1246.6	1248.1	1240.9	1233.8	1226.6	1227.3	1223.8	1234.5
22.5°	1218.0	1216.6	1200.2	1189.4	1189.4	1175.1	1161.5	1155.1	1148.7	1150.8	1154.4
25°	1175.1	1153.0	1132.9	1117.2	1113.6	1090.7	1072.1	1066.4	1055.7	1064.3	1065.7
27.5°	1106.5	1081.4	1049.2	1035.7	1017.1	1007.8	994.9	977.7	955.5	968.4	966.3
30°	1032.8	995.6	969.1	936.2	906.9	904.8	880.4	851.8	840.4	840.4	846.8
32.5°	950.5	901.2	862.6	816.1	787.5	775.3	746.0	717.4	723.8	702.4	710.2
35°	854.7	789.6	741.0	695.9	674.5	660.2	622.3	606.5	589.4	579.3	597.9
37.5°	763.2	688.1	625.8	576.5	568.6	542.9	517.1	507.1	497.1	501.4	500.7
40°	651.6	585.1	529.3	490.6	477.1	464.9	447.7	435.6	429.1	432.7	433.4
42.5°	550.7	494.9	453.5	426.3	414.8	406.3	397.7	387.7	385.5	385.5	388.4
45°	472.8	427.0	399.1	376.9	370.5	364.1	357.6	353.3	351.9	349.0	351.2
47.5°	410.5	374.1	356.9	340.4	333.3	331.9	326.1	324.0	321.1	320.4	321.1
50°	358.3	335.4	319.7	310.4	305.4	303.3	300.4	296.1	294.7	298.3	296.8
52.5°	321.9	300.4	291.8	282.5	279.7	276.8	272.5	273.2	272.5	271.1	271.1
55°	285.4	271.8	263.2	256.1	255.3	252.5	248.9	247.5	246.8	245.3	247.5
57.5°	256.1	245.3	237.5	231.0	228.2	228.2	224.6	221.7	221.7	221.0	221.7
60°	226.7	216.0	211.0	204.6	202.4	201.7	199.5	198.1	196.0	196.0	196.0
62.5°	199.5	191.0	185.2	179.5	180.2	176.7	173.8	172.4	172.4	173.1	173.1
65°	173.8	168.1	160.9	155.9	154.5	153.8	152.3	151.6	149.5	150.9	150.9
67.5°	150.2	142.3	138.0	135.9	133.7	133.0	131.6	130.2	129.5	128.7	130.2
70°	126.6	120.2	116.6	115.2	113.0	112.3	111.6	109.4	110.1	110.9	111.6
72.5°	105.1	99.4	98.7	94.4	94.4	94.4	91.5	93.0	92.3	90.8	92.3
75°	83.0	80.1	78.7	76.5	77.2	76.5	75.8	73.7	73.7	74.4	75.1
77.5°	65.8	62.9	62.2	60.1	58.6	60.1	58.6	57.9	57.9	58.6	58.6
80°	48.6	47.2	45.1	45.1	45.1	44.3	44.3	44.3	43.6	42.9	43.6
82.5°	32.2	32.2	31.5	30.8	31.5	30.0	30.8	30.8	30.8	30.8	30.8
85°	20.7	20.0	20.0	19.3	19.3	19.3	20.0	18.6	18.6	19.3	19.3
87.5°	9.3	9.3	9.3	10.0	9.3	9.3	9.3	10.0	9.3	9.3	9.3
90°	19.6	20.7	21.7	22.8	23.3	23.5	23.9	24.4	24.8	25.2	24.8
92.5°	22.8	23.2	23.6	24.0	24.2	24.3	24.5	24.8	25.0	25.2	25.0
95°	37.3	38.4	39.4	40.5	41.0	40.9	40.7	40.5	40.3	40.1	40.3
97.5°	48.1	48.7	49.4	50.0	50.3	50.4	50.6	50.9	51.1	51.3	51.1
100°	54.8	56.4	58.1	59.8	60.6	60.8	61.2	61.6	62.0	62.4	62.0
102.5°	57.3	59.5	61.8	64.1	65.2	65.5	66.1	66.8	67.4	68.0	67.4
105°	59.1	61.4	63.7	66.0	67.1	67.5	68.3	69.2	70.0	70.8	70.0
107.5°	61.0	63.3	65.6	67.9	69.0	69.4	70.2	71.1	71.9	72.7	71.9
110°	142.4	121.7	101.0	80.3	69.9	70.3	71.1	72.0	72.8	73.6	72.8

TEST NUMBER: P1029576

CATALOG NUMBER: S122DIW-B485D970UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	384.2	294.9	205.7	116.4	71.8	72.1	72.7	73.4	74.0	74.6	74.0
115°	479.1	383.2	287.3	191.4	143.5	136.0	121.1	106.2	91.3	76.4	91.3
117.5°	595.7	566.1	536.5	506.9	492.1	465.0	410.7	356.4	302.2	247.9	302.2
120°	685.6	688.1	690.6	693.1	694.3	680.3	652.4	624.4	596.5	568.5	596.5
122.5°	739.3	740.6	741.8	743.1	743.7	743.8	744.0	744.2	744.4	744.6	744.4
125°	788.9	790.4	791.8	793.3	794.0	794.3	794.9	795.6	796.2	796.8	796.2
127.5°	835.2	837.3	839.4	841.5	842.5	842.6	842.8	843.0	843.2	843.4	843.2
130°	879.2	881.5	883.8	886.1	887.2	887.1	886.9	886.7	886.5	886.3	886.5
132.5°	922.6	924.4	926.3	928.2	929.1	929.0	928.8	928.6	928.4	928.2	928.4
135°	962.9	964.9	967.0	969.1	970.1	969.9	969.5	969.1	968.7	968.3	968.7
137.5°	1001.1	1003.1	1005.2	1007.3	1008.3	1008.0	1007.4	1006.7	1006.1	1005.5	1006.1
140°	1038.2	1040.0	1041.9	1043.8	1044.7	1044.2	1043.1	1042.1	1041.0	1040.0	1041.0
142.5°	1072.4	1074.1	1075.7	1077.4	1078.2	1077.7	1076.7	1075.6	1074.6	1073.6	1074.6
145°	1103.9	1105.4	1106.8	1108.3	1109.0	1108.5	1107.4	1106.4	1105.3	1104.3	1105.3
147.5°	1132.4	1133.4	1134.5	1135.5	1136.0	1135.6	1134.8	1133.9	1133.1	1132.3	1133.1
150°	1157.7	1159.0	1160.2	1161.5	1162.1	1161.6	1160.6	1159.5	1158.5	1157.5	1158.5
152.5°	1181.0	1182.3	1183.5	1184.8	1185.4	1184.7	1183.2	1181.8	1180.3	1178.9	1180.3
155°	1201.5	1202.8	1204.0	1205.3	1205.9	1205.1	1203.4	1201.8	1200.1	1198.5	1200.1
157.5°	1219.5	1220.9	1222.4	1223.9	1224.6	1223.8	1222.1	1220.4	1218.8	1217.1	1218.8
160°	1235.1	1236.4	1237.6	1238.9	1239.5	1238.8	1237.3	1235.8	1234.4	1232.9	1234.4
162.5°	1249.3	1250.7	1252.2	1253.7	1254.4	1253.5	1251.6	1249.7	1247.9	1246.0	1247.9
165°	1260.5	1261.9	1263.4	1264.9	1265.6	1264.9	1263.4	1261.9	1260.5	1259.0	1260.5
167.5°	1270.7	1272.2	1273.6	1275.1	1275.8	1274.9	1273.0	1271.1	1269.3	1267.4	1269.3
170°	1278.2	1279.6	1281.1	1282.6	1283.3	1282.4	1280.5	1278.6	1276.8	1274.9	1276.8
172.5°	1283.8	1285.2	1286.7	1288.2	1288.9	1288.0	1286.1	1284.2	1282.4	1280.5	1282.4
175°	1287.5	1289.0	1290.4	1291.9	1292.6	1291.6	1289.5	1287.4	1285.4	1283.3	1285.4
177.5°	1288.4	1289.9	1291.3	1292.8	1293.5	1292.6	1290.7	1288.8	1287.0	1285.1	1287.0
180°	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9

TEST NUMBER: P1029576

CATALOG NUMBER: S122DIW-B485D970UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	986.3	981.3	977.0	977.7	981.3	978.4	971.3	962.0	958.4	954.1	958.4
5°	1045.7	1041.4	1032.8	1033.5	1031.4	1028.5	1017.1	1002.8	1002.8	991.3	989.9
7.5°	1104.3	1097.9	1092.2	1090.7	1082.9	1077.1	1067.1	1047.1	1039.2	1025.6	1017.8
10°	1170.1	1165.1	1158.7	1150.8	1146.5	1136.5	1120.1	1090.7	1076.4	1057.8	1044.2
12.5°	1236.6	1235.9	1221.6	1205.9	1205.2	1189.4	1178.0	1138.6	1119.3	1094.3	1062.1
15°	1278.8	1275.3	1267.4	1259.5	1261.7	1244.5	1218.8	1172.3	1159.4	1129.3	1095.0
17.5°	1278.1	1278.1	1276.0	1274.5	1272.4	1267.4	1253.1	1222.3	1201.6	1163.7	1131.5
20°	1237.3	1246.6	1248.8	1248.1	1255.2	1258.8	1258.1	1238.8	1222.3	1188.7	1155.8
22.5°	1155.8	1177.3	1186.6	1192.3	1207.3	1215.2	1233.8	1226.6	1222.3	1197.3	1169.4
25°	1080.0	1087.2	1115.0	1116.5	1137.2	1156.5	1175.1	1187.3	1203.0	1193.7	1170.1
27.5°	982.0	998.5	1018.5	1033.5	1037.8	1077.1	1107.9	1130.8	1166.5	1169.4	1161.5
30°	871.2	879.0	911.9	931.9	954.8	983.4	1027.8	1067.1	1099.3	1128.6	1138.6
32.5°	736.0	768.2	787.5	811.8	831.8	882.6	937.0	987.7	1024.9	1074.3	1095.7
35°	612.2	637.3	670.2	680.2	716.7	759.6	830.4	895.5	952.0	1002.0	1045.7
37.5°	510.0	530.0	565.0	580.8	602.2	657.3	716.7	797.5	865.4	926.9	981.3
40°	439.9	454.9	481.4	486.4	504.2	554.3	602.2	678.0	768.2	851.1	910.5
42.5°	391.9	399.1	417.0	423.4	434.9	468.5	511.4	582.9	666.6	752.4	836.1
45°	357.6	362.6	373.4	379.1	393.4	408.4	443.4	500.7	566.5	653.0	743.1
47.5°	326.9	333.3	337.6	341.2	349.0	365.5	388.4	430.6	493.5	572.9	660.2
50°	301.1	303.3	311.1	311.8	316.8	327.6	349.0	374.8	424.8	489.2	573.6
52.5°	275.4	277.5	282.5	287.5	289.7	298.3	312.6	334.0	371.2	422.0	497.1
55°	249.6	252.5	257.5	261.1	263.2	270.4	278.9	299.7	329.0	364.8	426.3
57.5°	223.9	230.3	231.7	233.9	237.5	245.3	253.2	265.4	288.2	321.1	366.2
60°	199.5	201.7	206.7	208.8	212.4	216.7	226.7	236.0	252.5	278.2	319.0
62.5°	174.5	179.5	181.7	183.8	186.7	191.7	198.1	208.1	222.4	243.2	275.4
65°	153.1	153.8	158.1	160.9	163.8	167.4	173.8	183.1	191.7	211.0	234.6
67.5°	132.3	133.7	135.2	138.0	141.6	145.2	150.9	155.9	166.6	179.5	198.1
70°	112.3	112.3	115.9	118.0	117.3	121.6	125.9	131.6	139.5	151.6	166.6
72.5°	94.4	93.7	96.6	97.3	98.7	101.6	104.4	110.1	114.4	123.7	135.2
75°	75.1	76.5	78.0	78.0	80.1	82.3	85.1	88.0	93.0	98.7	107.3
77.5°	59.4	59.4	60.8	61.5	63.7	62.9	65.8	68.7	72.2	77.2	83.7
80°	43.6	45.1	45.1	45.1	45.8	46.5	49.4	51.5	53.6	57.2	60.1
82.5°	30.8	30.8	32.2	32.2	32.2	33.6	33.6	34.3	35.8	37.9	40.1
85°	19.3	19.3	19.3	20.0	19.3	20.0	21.5	20.7	21.5	22.9	22.9
87.5°	9.3	9.3	9.3	9.3	9.3	10.0	9.3	10.0	10.7	10.7	10.7
90°	24.4	23.9	23.5	23.3	22.8	21.7	20.7	19.6	18.6	17.0	15.3
92.5°	24.8	24.5	24.3	24.2	24.0	23.6	23.2	22.8	22.4	21.8	21.2
95°	40.5	40.7	40.9	41.0	40.5	39.4	38.4	37.3	36.3	34.9	33.4
97.5°	50.9	50.6	50.4	50.3	50.0	49.4	48.7	48.1	47.5	44.2	40.9
100°	61.6	61.2	60.8	60.6	59.8	58.1	56.4	54.8	53.1	49.6	46.1
102.5°	66.8	66.1	65.5	65.2	64.1	61.8	59.5	57.3	55.0	92.7	130.4
105°	69.2	68.3	67.5	67.1	66.0	63.7	61.4	59.1	56.8	113.4	169.9
107.5°	71.1	70.2	69.4	69.0	67.9	65.6	63.3	61.0	58.7	128.5	198.3
110°	72.0	71.1	70.3	69.9	80.3	101.0	121.7	142.4	163.1	222.9	282.8

TEST NUMBER: P1029576

CATALOG NUMBER: S122DIW-B485D970UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	73.4	72.7	72.1	71.8	116.4	205.7	294.9	384.2	473.4	476.9	480.5
115°	106.2	121.1	136.0	143.5	191.4	287.3	383.2	479.1	575.0	569.8	564.6
117.5°	356.4	410.7	465.0	492.1	506.9	536.5	566.1	595.7	625.3	621.8	618.3
120°	624.4	652.4	680.3	694.3	693.1	690.6	688.1	685.6	683.1	679.4	675.6
122.5°	744.2	744.0	743.8	743.7	743.1	741.8	740.6	739.3	738.1	733.9	729.8
125°	795.6	794.9	794.3	794.0	793.3	791.8	790.4	788.9	787.5	783.6	779.6
127.5°	843.0	842.8	842.6	842.5	841.5	839.4	837.3	835.2	833.1	830.0	826.9
130°	886.7	886.9	887.1	887.2	886.1	883.8	881.5	879.2	876.9	874.6	872.4
132.5°	928.6	928.8	929.0	929.1	928.2	926.3	924.4	922.6	920.7	918.4	916.2
135°	969.1	969.5	969.9	970.1	969.1	967.0	964.9	962.9	960.8	958.9	957.1
137.5°	1006.7	1007.4	1008.0	1008.3	1007.3	1005.2	1003.1	1001.1	999.0	996.9	994.9
140°	1042.1	1043.1	1044.2	1044.7	1043.8	1041.9	1040.0	1038.2	1036.3	1034.0	1031.8
142.5°	1075.6	1076.7	1077.7	1078.2	1077.4	1075.7	1074.1	1072.4	1070.8	1068.1	1065.4
145°	1106.4	1107.4	1108.5	1109.0	1108.3	1106.8	1105.4	1103.9	1102.5	1099.0	1095.4
147.5°	1133.9	1134.8	1135.6	1136.0	1135.5	1134.5	1133.4	1132.4	1131.4	1127.9	1124.3
150°	1159.5	1160.6	1161.6	1162.1	1161.5	1160.2	1159.0	1157.7	1156.5	1153.2	1149.9
152.5°	1181.8	1183.2	1184.7	1185.4	1184.8	1183.5	1182.3	1181.0	1179.8	1176.7	1173.6
155°	1201.8	1203.4	1205.1	1205.9	1205.3	1204.0	1202.8	1201.5	1200.3	1197.8	1195.3
157.5°	1220.4	1222.1	1223.8	1224.6	1223.9	1222.4	1220.9	1219.5	1218.0	1216.1	1214.3
160°	1235.8	1237.3	1238.8	1239.5	1238.9	1237.6	1236.4	1235.1	1233.9	1232.7	1231.4
162.5°	1249.7	1251.6	1253.5	1254.4	1253.7	1252.2	1250.7	1249.3	1247.8	1246.8	1245.8
165°	1261.9	1263.4	1264.9	1265.6	1264.9	1263.4	1261.9	1260.5	1259.0	1258.4	1257.8
167.5°	1271.1	1273.0	1274.9	1275.8	1275.1	1273.6	1272.2	1270.7	1269.3	1268.7	1268.1
170°	1278.6	1280.5	1282.4	1283.3	1282.6	1281.1	1279.6	1278.2	1276.7	1276.3	1275.9
172.5°	1284.2	1286.1	1288.0	1288.9	1288.2	1286.7	1285.2	1283.8	1282.3	1281.9	1281.5
175°	1287.4	1289.5	1291.6	1292.6	1291.9	1290.4	1289.0	1287.5	1286.1	1285.7	1285.3
177.5°	1288.8	1290.7	1292.6	1293.5	1292.8	1291.3	1289.9	1288.4	1287.0	1286.8	1286.6
180°	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9

TEST NUMBER: P1029576

CATALOG NUMBER: S122DIW-B485D970UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	954.8	951.3	949.1	950.5	946.3	935.5	935.5	939.1	934.8	930.5	924.1
5°	981.3	974.1	969.9	969.1	959.1	942.0	938.4	934.8	925.5	915.5	904.8
7.5°	1007.0	994.2	987.0	982.0	967.7	945.5	936.2	928.4	913.3	898.3	884.7
10°	1028.5	1009.9	1001.3	993.5	974.9	947.0	931.9	917.6	898.3	879.0	861.9
12.5°	1045.7	1024.2	1013.5	1002.0	979.2	942.7	924.1	901.2	881.9	856.1	839.0
15°	1074.3	1029.9	1019.9	1009.2	985.6	935.5	912.6	886.9	860.4	826.1	807.5
17.5°	1097.2	1037.8	1037.1	1014.2	983.4	932.7	897.6	864.0	835.4	801.1	771.7
20°	1110.8	1050.0	1038.5	1014.9	976.3	913.3	876.9	839.7	808.9	767.4	738.1
22.5°	1122.2	1067.1	1037.1	1008.5	961.3	906.9	853.3	818.2	776.0	731.0	703.1
25°	1126.5	1070.7	1039.2	1006.3	950.5	888.3	827.5	789.6	742.4	701.6	663.7
27.5°	1127.2	1070.0	1031.4	997.0	935.5	864.0	801.8	761.7	709.5	662.3	624.4
30°	1120.1	1062.1	1027.1	989.9	921.2	841.8	770.3	726.0	670.2	623.0	583.6
32.5°	1098.6	1046.4	1017.8	977.0	902.6	811.1	740.3	690.9	632.3	585.8	547.9
35°	1062.8	1027.1	995.6	957.7	878.3	782.5	710.2	652.3	592.9	548.6	512.8
37.5°	1018.5	999.2	969.9	932.7	850.4	756.7	676.6	612.2	552.9	510.0	474.9
40°	958.4	963.4	934.8	901.2	817.5	721.7	633.0	571.5	515.7	475.6	441.3
42.5°	893.3	914.1	897.6	865.4	781.0	683.0	600.8	532.8	478.5	437.0	408.4
45°	823.2	859.0	849.0	825.4	743.1	642.3	555.0	489.2	441.3	401.2	376.2
47.5°	746.7	797.5	797.5	780.3	700.9	601.5	515.7	448.4	401.2	372.6	348.3
50°	668.7	726.0	735.3	723.8	653.7	555.0	467.8	407.0	366.2	338.3	320.4
52.5°	587.2	653.7	670.9	665.2	603.7	510.7	428.4	369.1	331.9	307.5	291.8
55°	509.2	586.5	605.1	607.2	550.0	462.0	384.8	332.6	296.8	280.4	266.8
57.5°	435.6	510.0	530.7	534.3	495.7	417.7	344.0	298.3	266.1	252.5	241.7
60°	372.6	434.9	462.0	469.9	436.3	366.2	306.1	261.8	237.5	224.6	214.6
62.5°	321.1	371.2	399.8	402.0	386.9	321.1	266.8	229.6	208.8	197.4	192.4
65°	271.1	316.1	333.3	341.9	329.7	278.2	230.3	199.5	183.1	173.1	168.1
67.5°	231.0	259.6	273.9	285.4	273.2	234.6	196.0	170.9	158.8	148.8	145.9
70°	189.5	213.1	223.9	235.3	224.6	195.3	167.4	144.5	133.7	125.9	122.3
72.5°	151.6	170.2	180.2	187.4	181.0	156.6	133.7	118.0	110.1	104.4	102.3
75°	120.2	133.0	138.8	143.8	140.9	122.3	108.0	95.1	88.0	83.0	81.5
77.5°	91.5	100.8	107.3	108.7	105.1	93.0	80.8	73.0	67.2	64.4	62.9
80°	65.1	70.8	74.4	76.5	73.0	67.9	59.4	53.6	48.6	45.1	44.3
82.5°	43.6	46.5	49.4	48.6	47.2	42.9	37.9	35.0	32.9	30.0	30.0
85°	25.0	25.7	27.2	27.9	27.2	24.3	21.5	20.0	18.6	16.5	16.5
87.5°	10.7	11.4	11.4	12.2	10.7	10.7	9.3	7.9	7.9	7.2	6.4
90°	13.7	12.0	11.2	10.1	7.8	5.5	3.2	0.9	3.2	5.5	7.8
92.5°	20.5	19.9	19.6	20.0	20.8	21.7	22.5	23.3	22.5	21.7	20.8
95°	32.0	30.5	29.8	33.2	40.1	46.9	53.8	60.6	53.8	46.9	40.1
97.5°	37.6	34.3	32.6	41.1	58.1	75.0	92.0	109.0	92.0	75.0	58.1
100°	42.6	39.1	37.3	51.5	79.9	108.2	136.6	165.0	136.6	108.2	79.9
102.5°	168.1	205.8	224.6	224.8	225.2	225.7	226.1	226.5	226.1	225.7	225.2
105°	226.5	283.0	311.3	308.2	302.0	295.7	289.5	283.3	289.5	295.7	302.0
107.5°	268.1	337.9	372.8	370.2	365.0	359.9	354.7	349.5	354.7	359.9	365.0
110°	342.6	402.5	432.4	430.2	425.9	421.5	417.2	412.8	417.2	421.5	425.9

TEST NUMBER: P1029576

CATALOG NUMBER: S122DIW-B485D970UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	484.0	487.5	489.3	487.4	483.7	480.0	476.2	472.5	476.2	480.0	483.7
115°	559.5	554.3	551.7	549.9	546.4	542.9	539.4	535.9	539.4	542.9	546.4
117.5°	614.8	611.3	609.5	607.4	603.3	599.1	595.0	590.8	595.0	599.1	603.3
120°	671.9	668.2	666.3	664.7	661.6	658.5	655.4	652.3	655.4	658.5	661.6
122.5°	725.6	721.5	719.4	717.7	714.4	711.1	707.8	704.5	707.8	711.1	714.4
125°	775.7	771.8	769.8	768.5	765.8	763.1	760.4	757.7	760.4	763.1	765.8
127.5°	823.8	820.7	819.2	817.7	814.8	811.9	809.0	806.1	809.0	811.9	814.8
130°	870.1	867.8	866.7	865.0	861.7	858.4	855.1	851.8	855.1	858.4	861.7
132.5°	913.9	911.6	910.5	909.2	906.5	903.8	901.1	898.4	901.1	903.8	906.5
135°	955.2	953.3	952.4	950.7	947.4	944.1	940.8	937.5	940.8	944.1	947.4
137.5°	992.8	990.7	989.7	988.5	986.0	983.5	981.0	978.5	981.0	983.5	986.0
140°	1029.5	1027.2	1026.1	1025.3	1023.6	1021.9	1020.3	1018.6	1020.3	1021.9	1023.6
142.5°	1062.7	1060.0	1058.7	1058.0	1056.5	1055.0	1053.6	1052.1	1053.6	1055.0	1056.5
145°	1091.9	1088.4	1086.6	1086.7	1086.9	1087.2	1087.4	1087.6	1087.4	1087.2	1086.9
147.5°	1120.8	1117.3	1115.5	1115.8	1116.4	1117.1	1117.7	1118.3	1117.7	1117.1	1116.4
150°	1146.6	1143.3	1141.6	1142.3	1143.8	1145.2	1146.7	1148.1	1146.7	1145.2	1143.8
152.5°	1170.5	1167.4	1165.8	1166.6	1168.3	1170.0	1171.6	1173.3	1171.6	1170.0	1168.3
155°	1192.8	1190.3	1189.1	1190.0	1191.9	1193.8	1195.6	1197.5	1195.6	1193.8	1191.9
157.5°	1212.4	1210.5	1209.6	1210.4	1212.1	1213.8	1215.4	1217.1	1215.4	1213.8	1212.1
160°	1230.2	1228.9	1228.3	1228.9	1230.2	1231.4	1232.7	1233.9	1232.7	1231.4	1230.2
162.5°	1244.7	1243.7	1243.2	1243.8	1245.1	1246.3	1247.6	1248.8	1247.6	1246.3	1245.1
165°	1257.1	1256.5	1256.2	1256.8	1258.1	1259.3	1260.6	1261.8	1260.6	1259.3	1258.1
167.5°	1267.4	1266.8	1266.5	1267.1	1268.4	1269.6	1270.9	1272.1	1270.9	1269.6	1268.4
170°	1275.5	1275.1	1274.9	1275.5	1276.8	1278.0	1279.3	1280.5	1279.3	1278.0	1276.8
172.5°	1281.1	1280.7	1280.5	1281.1	1282.4	1283.6	1284.9	1286.1	1284.9	1283.6	1282.4
175°	1284.8	1284.4	1284.2	1284.9	1286.4	1287.8	1289.3	1290.7	1289.3	1287.8	1286.4
177.5°	1286.4	1286.2	1286.1	1286.8	1288.3	1289.7	1291.2	1292.6	1291.2	1289.7	1288.3
180°	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9

TEST NUMBER: P1029576

CATALOG NUMBER: S122DIW-B485D970UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	920.5	924.1	923.4	916.2	908.3	901.9	889.7	891.2	886.9	887.6	891.9
5°	897.6	897.6	894.8	884.7	871.9	864.7	851.1	847.5	839.0	838.3	837.5
7.5°	873.3	869.7	866.1	851.8	836.1	824.7	806.1	801.8	793.2	787.5	784.6
10°	844.7	839.7	832.5	816.1	796.8	782.5	763.2	757.4	741.0	733.8	729.5
12.5°	813.2	810.4	798.9	785.3	753.9	738.1	710.2	715.9	699.5	685.2	683.0
15°	781.7	771.0	764.6	742.4	704.5	697.3	675.2	663.7	648.7	637.3	637.3
17.5°	751.0	734.5	720.2	696.6	668.7	648.7	632.3	626.5	607.9	596.5	594.4
20°	710.2	691.6	688.1	654.4	635.1	613.0	597.2	582.9	569.3	564.3	560.7
22.5°	671.6	650.1	644.4	615.8	596.5	574.3	558.6	548.6	538.6	535.0	528.6
25°	630.1	617.2	608.7	577.9	556.4	535.7	525.0	517.8	508.5	507.8	503.5
27.5°	590.1	577.9	569.3	540.0	524.3	505.0	496.4	488.5	483.5	481.4	479.2
30°	555.7	542.1	532.1	510.7	491.4	475.6	468.5	463.5	460.6	457.0	456.3
32.5°	517.8	510.0	496.4	479.9	464.9	449.9	445.6	442.0	437.7	436.3	435.6
35°	485.6	474.9	466.3	447.7	441.3	428.4	423.4	420.6	414.8	413.4	412.0
37.5°	454.2	444.2	434.9	423.4	411.3	404.1	401.2	397.0	394.1	394.8	393.4
40°	422.7	414.8	407.7	395.5	388.4	384.8	379.1	374.8	373.4	374.1	373.4
42.5°	391.9	384.8	380.5	371.2	364.1	360.5	356.9	352.6	354.8	354.8	356.9
45°	364.1	357.6	354.8	347.6	343.3	337.6	334.0	333.3	336.2	335.4	335.4
47.5°	335.4	333.3	329.7	323.3	317.6	314.0	313.3	313.3	316.1	317.6	316.8
50°	313.3	309.0	304.7	299.7	295.4	294.0	291.8	293.2	296.1	296.1	297.5
52.5°	285.4	282.5	281.1	276.8	273.9	273.9	273.9	274.6	276.8	278.9	278.2
55°	261.1	258.9	257.5	255.3	251.8	252.5	251.8	253.2	255.3	257.5	258.9
57.5°	235.3	234.6	233.2	229.6	229.6	228.9	231.0	231.7	235.3	236.7	238.9
60°	212.4	210.3	210.3	207.4	207.4	207.4	209.6	211.7	214.6	215.3	216.7
62.5°	188.1	188.1	187.4	185.2	185.2	187.4	188.1	191.0	192.4	192.4	194.5
65°	165.2	164.5	163.8	164.5	165.2	165.2	167.4	168.8	170.2	170.9	171.7
67.5°	142.3	141.6	143.0	142.3	143.8	146.6	145.9	148.1	150.2	150.2	150.9
70°	120.9	122.3	121.6	123.0	122.3	123.7	125.9	126.6	126.6	127.3	129.5
72.5°	100.8	100.8	100.8	100.1	100.8	102.3	103.7	104.4	105.9	106.6	108.7
75°	81.5	81.5	80.1	81.5	81.5	83.0	84.4	84.4	84.4	85.8	88.0
77.5°	61.5	62.2	61.5	62.9	62.9	63.7	65.1	64.4	65.8	66.5	67.2
80°	45.1	44.3	44.3	44.3	45.1	45.1	46.5	47.2	47.2	49.4	47.9
82.5°	28.6	29.3	28.6	29.3	29.3	30.0	29.3	30.0	30.8	32.2	31.5
85°	16.5	15.7	15.7	16.5	15.7	15.7	16.5	15.7	16.5	15.7	16.5
87.5°	6.4	5.7	5.7	5.7	5.7	5.0	5.0	4.3	4.3	4.3	3.6
90°	10.1	11.2	12.0	13.7	15.3	17.0	18.6	19.6	20.7	21.7	22.8
92.5°	20.0	19.6	19.9	20.5	21.2	21.8	22.4	22.8	23.2	23.6	24.0
95°	33.2	29.8	30.5	32.0	33.4	34.9	36.3	37.3	38.4	39.4	40.5
97.5°	41.1	32.6	34.3	37.6	40.9	44.2	47.5	48.1	48.7	49.4	50.0
100°	51.5	37.3	39.1	42.6	46.1	49.6	53.1	54.8	56.4	58.1	59.8
102.5°	224.8	224.6	205.8	168.1	130.4	92.7	55.0	57.3	59.5	61.8	64.1
105°	308.2	311.3	283.0	226.5	169.9	113.4	56.8	59.1	61.4	63.7	66.0
107.5°	370.2	372.8	337.9	268.1	198.3	128.5	58.7	61.0	63.3	65.6	67.9
110°	430.2	432.4	402.5	342.6	282.8	222.9	163.1	142.4	121.7	101.0	80.3



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CATALOG NUMBER: S122DIW-B485D970UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	487.4	489.3	487.5	484.0	480.5	476.9	473.4	384.2	294.9	205.7	116.4
115°	549.9	551.7	554.3	559.5	564.6	569.8	575.0	479.1	383.2	287.3	191.4
117.5°	607.4	609.5	611.3	614.8	618.3	621.8	625.3	595.7	566.1	536.5	506.9
120°	664.7	666.3	668.2	671.9	675.6	679.4	683.1	685.6	688.1	690.6	693.1
122.5°	717.7	719.4	721.5	725.6	729.8	733.9	738.1	739.3	740.6	741.8	743.1
125°	768.5	769.8	771.8	775.7	779.6	783.6	787.5	788.9	790.4	791.8	793.3
127.5°	817.7	819.2	820.7	823.8	826.9	830.0	833.1	835.2	837.3	839.4	841.5
130°	865.0	866.7	867.8	870.1	872.4	874.6	876.9	879.2	881.5	883.8	886.1
132.5°	909.2	910.5	911.6	913.9	916.2	918.4	920.7	922.6	924.4	926.3	928.2
135°	950.7	952.4	953.3	955.2	957.1	958.9	960.8	962.9	964.9	967.0	969.1
137.5°	988.5	989.7	990.7	992.8	994.9	996.9	999.0	1001.1	1003.1	1005.2	1007.3
140°	1025.3	1026.1	1027.2	1029.5	1031.8	1034.0	1036.3	1038.2	1040.0	1041.9	1043.8
142.5°	1058.0	1058.7	1060.0	1062.7	1065.4	1068.1	1070.8	1072.4	1074.1	1075.7	1077.4
145°	1086.7	1086.6	1088.4	1091.9	1095.4	1099.0	1102.5	1103.9	1105.4	1106.8	1108.3
147.5°	1115.8	1115.5	1117.3	1120.8	1124.3	1127.9	1131.4	1132.4	1133.4	1134.5	1135.5
150°	1142.3	1141.6	1143.3	1146.6	1149.9	1153.2	1156.5	1157.7	1159.0	1160.2	1161.5
152.5°	1166.6	1165.8	1167.4	1170.5	1173.6	1176.7	1179.8	1181.0	1182.3	1183.5	1184.8
155°	1190.0	1189.1	1190.3	1192.8	1195.3	1197.8	1200.3	1201.5	1202.8	1204.0	1205.3
157.5°	1210.4	1209.6	1210.5	1212.4	1214.3	1216.1	1218.0	1219.5	1220.9	1222.4	1223.9
160°	1228.9	1228.3	1228.9	1230.2	1231.4	1232.7	1233.9	1235.1	1236.4	1237.6	1238.9
162.5°	1243.8	1243.2	1243.7	1244.7	1245.8	1246.8	1247.8	1249.3	1250.7	1252.2	1253.7
165°	1256.8	1256.2	1256.5	1257.1	1257.8	1258.4	1259.0	1260.5	1261.9	1263.4	1264.9
167.5°	1267.1	1266.5	1266.8	1267.4	1268.1	1268.7	1269.3	1270.7	1272.2	1273.6	1275.1
170°	1275.5	1274.9	1275.1	1275.5	1275.9	1276.3	1276.7	1278.2	1279.6	1281.1	1282.6
172.5°	1281.1	1280.5	1280.7	1281.1	1281.5	1281.9	1282.3	1283.8	1285.2	1286.7	1288.2
175°	1284.9	1284.2	1284.4	1284.8	1285.3	1285.7	1286.1	1287.5	1289.0	1290.4	1291.9
177.5°	1286.8	1286.1	1286.2	1286.4	1286.6	1286.8	1287.0	1288.4	1289.9	1291.3	1292.8
180°	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9

TEST NUMBER: P1029576

CATALOG NUMBER: S122DIW-B485D970UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	886.9	889.0	884.0	882.6	884.0	879.0	880.4	881.9	881.9	884.0	885.5
5°	835.4	832.5	827.5	826.1	824.7	826.8	825.4	827.5	828.2	833.2	834.0
7.5°	784.6	780.3	776.0	771.7	770.3	766.7	770.3	770.3	775.3	773.9	777.5
10°	724.5	723.8	718.1	715.9	713.1	707.4	715.2	713.1	716.7	723.1	724.5
12.5°	680.2	672.3	675.9	665.9	669.5	663.7	664.4	664.4	670.2	670.9	669.5
15°	638.0	631.5	622.3	618.0	615.8	613.0	622.3	623.0	618.7	628.7	625.1
17.5°	595.1	595.1	586.5	584.3	578.6	581.5	580.1	580.8	579.3	586.5	590.1
20°	557.9	554.3	551.4	552.2	545.0	543.6	542.1	543.6	548.6	553.6	555.0
22.5°	527.8	525.7	518.5	520.0	514.3	516.4	515.0	518.5	519.3	519.3	524.3
25°	499.2	496.4	497.1	494.2	492.1	492.1	489.9	492.1	494.9	496.4	497.1
27.5°	477.8	475.6	472.1	469.9	471.3	467.8	470.6	472.8	472.8	471.3	472.8
30°	452.0	453.5	453.5	446.3	449.2	447.7	449.9	451.3	451.3	452.0	450.6
32.5°	434.9	430.6	429.9	429.1	429.1	426.3	426.3	428.4	429.1	429.9	432.0
35°	412.0	412.0	408.4	410.5	407.7	408.4	407.7	408.4	409.8	407.7	409.8
37.5°	391.2	391.9	390.5	391.9	392.7	391.2	389.8	392.7	391.2	391.2	389.8
40°	373.4	372.6	373.4	373.4	373.4	374.1	372.6	372.6	372.6	371.2	369.8
42.5°	358.3	354.0	355.5	356.2	354.0	354.0	354.8	354.0	356.2	351.9	351.9
45°	336.9	335.4	336.2	336.2	337.6	335.4	336.9	337.6	335.4	334.7	333.3
47.5°	317.6	319.0	317.6	319.0	319.0	320.4	317.6	318.3	319.0	316.1	314.0
50°	298.3	298.3	300.4	299.7	300.4	299.0	299.0	298.3	299.0	297.5	295.4
52.5°	280.4	278.2	281.8	281.1	280.4	279.7	278.9	279.7	278.2	276.8	276.8
55°	258.2	258.2	260.3	261.1	261.1	259.6	258.2	258.9	258.2	257.5	256.8
57.5°	240.3	237.5	238.9	239.6	239.6	237.5	238.9	237.5	237.5	238.2	236.0
60°	217.4	217.4	216.0	218.1	218.1	216.7	216.7	217.4	216.0	215.3	214.6
62.5°	193.1	193.8	196.0	196.7	197.4	196.0	194.5	195.3	195.3	193.1	193.8
65°	172.4	173.8	176.7	175.9	174.5	175.2	173.8	174.5	172.4	173.1	170.9
67.5°	152.3	151.6	152.3	152.3	153.8	153.1	151.6	151.6	150.9	153.1	150.9
70°	130.9	130.9	130.9	130.9	131.6	132.3	130.9	129.5	130.2	128.7	128.0
72.5°	108.7	109.4	108.7	110.1	108.0	109.4	109.4	108.7	108.0	108.0	108.0
75°	88.0	89.4	87.3	88.0	87.3	88.7	88.0	88.0	86.5	85.8	86.5
77.5°	67.2	67.9	66.5	67.2	66.5	67.2	67.2	66.5	66.5	66.5	66.5
80°	47.9	48.6	47.9	47.2	46.5	47.9	46.5	47.2	47.9	47.2	48.6
82.5°	30.8	30.8	30.0	30.8	29.3	29.3	30.0	30.0	29.3	30.8	29.3
85°	15.0	15.0	16.5	15.0	14.3	14.3	14.3	15.0	14.3	15.7	15.0
87.5°	3.6	2.9	3.6	3.6	2.9	2.9	3.6	2.9	3.6	4.3	2.9
90°	23.3	23.5	23.9	24.4	24.8	25.2	24.8	24.4	23.9	23.5	23.3
92.5°	24.2	24.3	24.5	24.8	25.0	25.2	25.0	24.8	24.5	24.3	24.2
95°	41.0	40.9	40.7	40.5	40.3	40.1	40.3	40.5	40.7	40.9	41.0
97.5°	50.3	50.4	50.6	50.9	51.1	51.3	51.1	50.9	50.6	50.4	50.3
100°	60.6	60.8	61.2	61.6	62.0	62.4	62.0	61.6	61.2	60.8	60.6
102.5°	65.2	65.5	66.1	66.8	67.4	68.0	67.4	66.8	66.1	65.5	65.2
105°	67.1	67.5	68.3	69.2	70.0	70.8	70.0	69.2	68.3	67.5	67.1
107.5°	69.0	69.4	70.2	71.1	71.9	72.7	71.9	71.1	70.2	69.4	69.0
110°	69.9	70.3	71.1	72.0	72.8	73.6	72.8	72.0	71.1	70.3	69.9

TEST NUMBER: P1029576

CATALOG NUMBER: S122DIW-B485D970UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	71.8	72.1	72.7	73.4	74.0	74.6	74.0	73.4	72.7	72.1	71.8
115°	143.5	136.0	121.1	106.2	91.3	76.4	91.3	106.2	121.1	136.0	143.5
117.5°	492.1	465.0	410.7	356.4	302.2	247.9	302.2	356.4	410.7	465.0	492.1
120°	694.3	680.3	652.4	624.4	596.5	568.5	596.5	624.4	652.4	680.3	694.3
122.5°	743.7	743.8	744.0	744.2	744.4	744.6	744.4	744.2	744.0	743.8	743.7
125°	794.0	794.3	794.9	795.6	796.2	796.8	796.2	795.6	794.9	794.3	794.0
127.5°	842.5	842.6	842.8	843.0	843.2	843.4	843.2	843.0	842.8	842.6	842.5
130°	887.2	887.1	886.9	886.7	886.5	886.3	886.5	886.7	886.9	887.1	887.2
132.5°	929.1	929.0	928.8	928.6	928.4	928.2	928.4	928.6	928.8	929.0	929.1
135°	970.1	969.9	969.5	969.1	968.7	968.3	968.7	969.1	969.5	969.9	970.1
137.5°	1008.3	1008.0	1007.4	1006.7	1006.1	1005.5	1006.1	1006.7	1007.4	1008.0	1008.3
140°	1044.7	1044.2	1043.1	1042.1	1041.0	1040.0	1041.0	1042.1	1043.1	1044.2	1044.7
142.5°	1078.2	1077.7	1076.7	1075.6	1074.6	1073.6	1074.6	1075.6	1076.7	1077.7	1078.2
145°	1109.0	1108.5	1107.4	1106.4	1105.3	1104.3	1105.3	1106.4	1107.4	1108.5	1109.0
147.5°	1136.0	1135.6	1134.8	1133.9	1133.1	1132.3	1133.1	1133.9	1134.8	1135.6	1136.0
150°	1162.1	1161.6	1160.6	1159.5	1158.5	1157.5	1158.5	1159.5	1160.6	1161.6	1162.1
152.5°	1185.4	1184.7	1183.2	1181.8	1180.3	1178.9	1180.3	1181.8	1183.2	1184.7	1185.4
155°	1205.9	1205.1	1203.4	1201.8	1200.1	1198.5	1200.1	1201.8	1203.4	1205.1	1205.9
157.5°	1224.6	1223.8	1222.1	1220.4	1218.8	1217.1	1218.8	1220.4	1222.1	1223.8	1224.6
160°	1239.5	1238.8	1237.3	1235.8	1234.4	1232.9	1234.4	1235.8	1237.3	1238.8	1239.5
162.5°	1254.4	1253.5	1251.6	1249.7	1247.9	1246.0	1247.9	1249.7	1251.6	1253.5	1254.4
165°	1265.6	1264.9	1263.4	1261.9	1260.5	1259.0	1260.5	1261.9	1263.4	1264.9	1265.6
167.5°	1275.8	1274.9	1273.0	1271.1	1269.3	1267.4	1269.3	1271.1	1273.0	1274.9	1275.8
170°	1283.3	1282.4	1280.5	1278.6	1276.8	1274.9	1276.8	1278.6	1280.5	1282.4	1283.3
172.5°	1288.9	1288.0	1286.1	1284.2	1282.4	1280.5	1282.4	1284.2	1286.1	1288.0	1288.9
175°	1292.6	1291.6	1289.5	1287.4	1285.4	1283.3	1285.4	1287.4	1289.5	1291.6	1292.6
177.5°	1293.5	1292.6	1290.7	1288.8	1287.0	1285.1	1287.0	1288.8	1290.7	1292.6	1293.5
180°	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	883.3	889.0	886.9	879.0	888.3	888.3	894.8	894.8	902.6	905.5	909.8
5°	833.2	837.5	841.1	837.5	844.0	854.0	859.7	864.7	875.4	879.7	886.2
7.5°	779.6	787.5	791.0	791.0	801.8	813.2	824.7	831.8	846.8	852.6	859.0
10°	727.4	736.7	743.8	743.1	761.0	768.2	782.5	798.9	813.9	822.5	831.8
12.5°	672.3	677.3	687.3	701.6	705.9	718.8	735.3	756.0	783.2	791.0	804.6
15°	626.5	640.1	648.0	654.4	664.4	676.6	694.5	714.5	741.7	758.9	773.2
17.5°	587.9	605.8	610.8	609.4	622.3	640.8	661.6	676.6	700.9	721.7	735.3
20°	556.4	563.6	572.2	575.8	585.8	605.8	625.8	643.0	663.0	679.5	695.2
22.5°	525.0	530.7	537.9	544.3	552.2	563.6	582.9	604.4	623.7	639.4	657.3
25°	499.2	502.8	509.2	514.3	522.8	530.7	544.3	567.9	590.8	600.1	615.8
27.5°	474.2	477.1	481.4	487.1	491.4	499.2	511.4	530.7	554.3	563.6	585.1
30°	452.0	454.2	458.5	461.3	463.5	472.8	482.1	497.1	515.0	527.8	543.6
32.5°	431.3	433.4	437.7	438.4	441.3	446.3	454.9	468.5	484.2	494.9	508.5
35°	408.4	409.8	414.1	415.5	417.7	422.0	428.4	438.4	452.7	460.6	472.8
37.5°	390.5	389.8	392.7	394.8	397.7	399.8	402.0	412.0	422.7	429.9	439.2
40°	371.2	369.8	370.5	373.4	374.8	377.6	377.6	387.7	394.8	400.5	407.7
42.5°	351.9	351.2	349.7	351.2	352.6	353.3	354.0	361.2	368.3	373.4	381.2
45°	332.6	331.9	330.4	331.2	331.2	332.6	334.7	337.6	342.6	346.9	351.2
47.5°	314.7	313.3	311.1	310.4	311.8	311.8	311.8	314.7	319.7	321.1	325.4
50°	296.1	294.0	291.1	289.7	289.7	289.0	290.4	291.1	295.4	296.8	300.4
52.5°	276.1	274.6	271.8	268.9	269.6	268.2	268.9	269.6	271.1	273.2	275.4
55°	256.1	253.2	251.0	250.3	248.2	248.2	246.0	248.9	248.2	248.9	251.8
57.5°	236.7	233.9	230.3	228.9	226.7	226.0	224.6	223.9	224.6	226.7	228.9
60°	213.9	212.4	210.3	208.1	206.7	204.6	203.1	203.1	202.4	202.4	203.1
62.5°	191.7	191.0	188.1	187.4	186.0	184.5	182.4	181.0	181.0	182.4	183.1
65°	170.2	169.5	167.4	166.6	163.1	161.6	160.9	160.2	158.8	158.8	158.8
67.5°	150.2	148.1	148.1	144.5	141.6	140.2	138.8	138.0	138.0	138.0	138.8
70°	128.0	128.0	125.9	123.7	120.9	121.6	119.4	117.3	117.3	115.9	116.6
72.5°	106.6	105.9	103.7	103.0	100.8	98.7	97.3	98.7	96.6	95.8	96.6
75°	85.8	85.1	83.7	82.3	83.0	80.8	78.7	78.0	78.0	76.5	76.5
77.5°	65.8	67.2	64.4	63.7	62.2	60.8	60.1	59.4	59.4	59.4	60.8
80°	45.8	46.5	46.5	45.1	45.8	43.6	43.6	43.6	41.5	42.2	42.9
82.5°	29.3	29.3	28.6	29.3	28.6	28.6	27.9	27.9	27.2	27.2	27.9
85°	16.5	15.7	15.0	16.5	15.7	15.7	15.0	15.0	15.0	15.0	15.0
87.5°	3.6	4.3	4.3	4.3	4.3	5.0	5.0	5.0	5.7	5.7	5.7
90°	22.8	21.7	20.7	19.6	18.6	17.0	15.3	13.7	12.0	11.2	10.1
92.5°	24.0	23.6	23.2	22.8	22.4	21.8	21.2	20.5	19.9	19.6	20.0
95°	40.5	39.4	38.4	37.3	36.3	34.9	33.4	32.0	30.5	29.8	33.2
97.5°	50.0	49.4	48.7	48.1	47.5	44.2	40.9	37.6	34.3	32.6	41.1
100°	59.8	58.1	56.4	54.8	53.1	49.6	46.1	42.6	39.1	37.3	51.5
102.5°	64.1	61.8	59.5	57.3	55.0	92.7	130.4	168.1	205.8	224.6	224.8
105°	66.0	63.7	61.4	59.1	56.8	113.4	169.9	226.5	283.0	311.3	308.2
107.5°	67.9	65.6	63.3	61.0	58.7	128.5	198.3	268.1	337.9	372.8	370.2
110°	80.3	101.0	121.7	142.4	163.1	222.9	282.8	342.6	402.5	432.4	430.2

TEST NUMBER: P1029576

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	116.4	205.7	294.9	384.2	473.4	476.9	480.5	484.0	487.5	489.3	487.4
115°	191.4	287.3	383.2	479.1	575.0	569.8	564.6	559.5	554.3	551.7	549.9
117.5°	506.9	536.5	566.1	595.7	625.3	621.8	618.3	614.8	611.3	609.5	607.4
120°	693.1	690.6	688.1	685.6	683.1	679.4	675.6	671.9	668.2	666.3	664.7
122.5°	743.1	741.8	740.6	739.3	738.1	733.9	729.8	725.6	721.5	719.4	717.7
125°	793.3	791.8	790.4	788.9	787.5	783.6	779.6	775.7	771.8	769.8	768.5
127.5°	841.5	839.4	837.3	835.2	833.1	830.0	826.9	823.8	820.7	819.2	817.7
130°	886.1	883.8	881.5	879.2	876.9	874.6	872.4	870.1	867.8	866.7	865.0
132.5°	928.2	926.3	924.4	922.6	920.7	918.4	916.2	913.9	911.6	910.5	909.2
135°	969.1	967.0	964.9	962.9	960.8	958.9	957.1	955.2	953.3	952.4	950.7
137.5°	1007.3	1005.2	1003.1	1001.1	999.0	996.9	994.9	992.8	990.7	989.7	988.5
140°	1043.8	1041.9	1040.0	1038.2	1036.3	1034.0	1031.8	1029.5	1027.2	1026.1	1025.3
142.5°	1077.4	1075.7	1074.1	1072.4	1070.8	1068.1	1065.4	1062.7	1060.0	1058.7	1058.0
145°	1108.3	1106.8	1105.4	1103.9	1102.5	1099.0	1095.4	1091.9	1088.4	1086.6	1086.7
147.5°	1135.5	1134.5	1133.4	1132.4	1131.4	1127.9	1124.3	1120.8	1117.3	1115.5	1115.8
150°	1161.5	1160.2	1159.0	1157.7	1156.5	1153.2	1149.9	1146.6	1143.3	1141.6	1142.3
152.5°	1184.8	1183.5	1182.3	1181.0	1179.8	1176.7	1173.6	1170.5	1167.4	1165.8	1166.6
155°	1205.3	1204.0	1202.8	1201.5	1200.3	1197.8	1195.3	1192.8	1190.3	1189.1	1190.0
157.5°	1223.9	1222.4	1220.9	1219.5	1218.0	1216.1	1214.3	1212.4	1210.5	1209.6	1210.4
160°	1238.9	1237.6	1236.4	1235.1	1233.9	1232.7	1231.4	1230.2	1228.9	1228.3	1228.9
162.5°	1253.7	1252.2	1250.7	1249.3	1247.8	1246.8	1245.8	1244.7	1243.7	1243.2	1243.8
165°	1264.9	1263.4	1261.9	1260.5	1259.0	1258.4	1257.8	1257.1	1256.5	1256.2	1256.8
167.5°	1275.1	1273.6	1272.2	1270.7	1269.3	1268.7	1268.1	1267.4	1266.8	1266.5	1267.1
170°	1282.6	1281.1	1279.6	1278.2	1276.7	1276.3	1275.9	1275.5	1275.1	1274.9	1275.5
172.5°	1288.2	1286.7	1285.2	1283.8	1282.3	1281.9	1281.5	1281.1	1280.7	1280.5	1281.1
175°	1291.9	1290.4	1289.0	1287.5	1286.1	1285.7	1285.3	1284.8	1284.4	1284.2	1284.9
177.5°	1292.8	1291.3	1289.9	1288.4	1287.0	1286.8	1286.6	1286.4	1286.2	1286.1	1286.8
180°	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9	1287.9

TEST NUMBER: P1029576

CATALOG NUMBER: S122DIW-B485D970UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	930.5	930.5	930.5	930.5
2.5°	913.3	913.3	924.1	935.5
5°	893.3	898.3	915.5	931.2
7.5°	874.0	882.6	904.1	924.1
10°	850.4	861.9	888.3	911.9
12.5°	827.5	838.3	869.0	895.5
15°	795.3	808.9	841.8	874.7
17.5°	763.2	776.7	816.8	855.4
20°	725.2	743.1	788.2	839.7
22.5°	690.2	712.4	762.4	803.9
25°	651.6	685.9	732.4	786.0
27.5°	617.2	651.6	698.8	753.1
30°	578.6	613.7	662.3	712.4
32.5°	541.4	573.6	620.8	682.3
35°	502.8	533.6	579.3	641.6
37.5°	467.8	497.8	547.9	605.1
40°	433.4	464.9	507.8	565.0
42.5°	401.2	429.1	467.8	525.0
45°	371.9	391.9	427.7	481.4
47.5°	341.2	359.0	391.9	445.6
50°	312.6	327.6	356.2	406.3
52.5°	284.7	297.5	324.0	364.1
55°	259.6	271.8	291.1	330.4
57.5°	233.9	243.2	261.8	293.2
60°	208.8	217.4	232.4	258.2
62.5°	183.8	191.0	205.3	226.0
65°	161.6	167.4	178.1	196.0
67.5°	140.2	143.8	152.3	166.6
70°	119.4	122.3	129.5	140.9
72.5°	97.3	100.1	108.0	115.9
75°	78.7	79.4	85.1	91.5
77.5°	61.5	60.8	65.1	70.1
80°	42.2	44.3	47.9	50.1
82.5°	28.6	29.3	30.8	32.2
85°	15.7	16.5	16.5	18.6
87.5°	6.4	7.2	7.2	7.9
90°	7.8	5.5	3.2	0.9
92.5°	20.8	21.7	22.5	23.3
95°	40.1	46.9	53.8	60.6
97.5°	58.1	75.0	92.0	109.0
100°	79.9	108.2	136.6	165.0
102.5°	225.2	225.7	226.1	226.5
105°	302.0	295.7	289.5	283.3
107.5°	365.0	359.9	354.7	349.5
110°	425.9	421.5	417.2	412.8

TEST NUMBER: P1029576

CATALOG NUMBER: S122DIW-B485D970UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	483.7	480.0	476.2	472.5
115°	546.4	542.9	539.4	535.9
117.5°	603.3	599.1	595.0	590.8
120°	661.6	658.5	655.4	652.3
122.5°	714.4	711.1	707.8	704.5
125°	765.8	763.1	760.4	757.7
127.5°	814.8	811.9	809.0	806.1
130°	861.7	858.4	855.1	851.8
132.5°	906.5	903.8	901.1	898.4
135°	947.4	944.1	940.8	937.5
137.5°	986.0	983.5	981.0	978.5
140°	1023.6	1021.9	1020.3	1018.6
142.5°	1056.5	1055.0	1053.6	1052.1
145°	1086.9	1087.2	1087.4	1087.6
147.5°	1116.4	1117.1	1117.7	1118.3
150°	1143.8	1145.2	1146.7	1148.1
152.5°	1168.3	1170.0	1171.6	1173.3
155°	1191.9	1193.8	1195.6	1197.5
157.5°	1212.1	1213.8	1215.4	1217.1
160°	1230.2	1231.4	1232.7	1233.9
162.5°	1245.1	1246.3	1247.6	1248.8
165°	1258.1	1259.3	1260.6	1261.8
167.5°	1268.4	1269.6	1270.9	1272.1
170°	1276.8	1278.0	1279.3	1280.5
172.5°	1282.4	1283.6	1284.9	1286.1
175°	1286.4	1287.8	1289.3	1290.7
177.5°	1288.3	1289.7	1291.2	1292.6
180°	1287.9	1287.9	1287.9	1287.9

(END OF REPORT)