

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: CORELITE

Report Number: P571948

Luminaire Tested: 22ID-40-L835-SWD

Issue Date: 10/5/2021

Test Information

Test Method: LM-79-2019
Report Number: P571948
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2109-397-2)
Test Lab: INNOVATION CENTER
Issue Date: 10/5/2021
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22ID-40-L835-SWD
Description: 4000 LUMEN, 2X2 INDEPTH TROFFER WITH 2IN DROPPED SWEEP LENS AND 3500K, 80 CRI LEDS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3973.0 lumens
Efficiency: N/A
Efficacy: 122.2 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 1.21 / 1.35
Luminous Opening: Rectangular w/ Sides (W: 2' x L: 2' x H: 0.17')
CIE Type: Direct

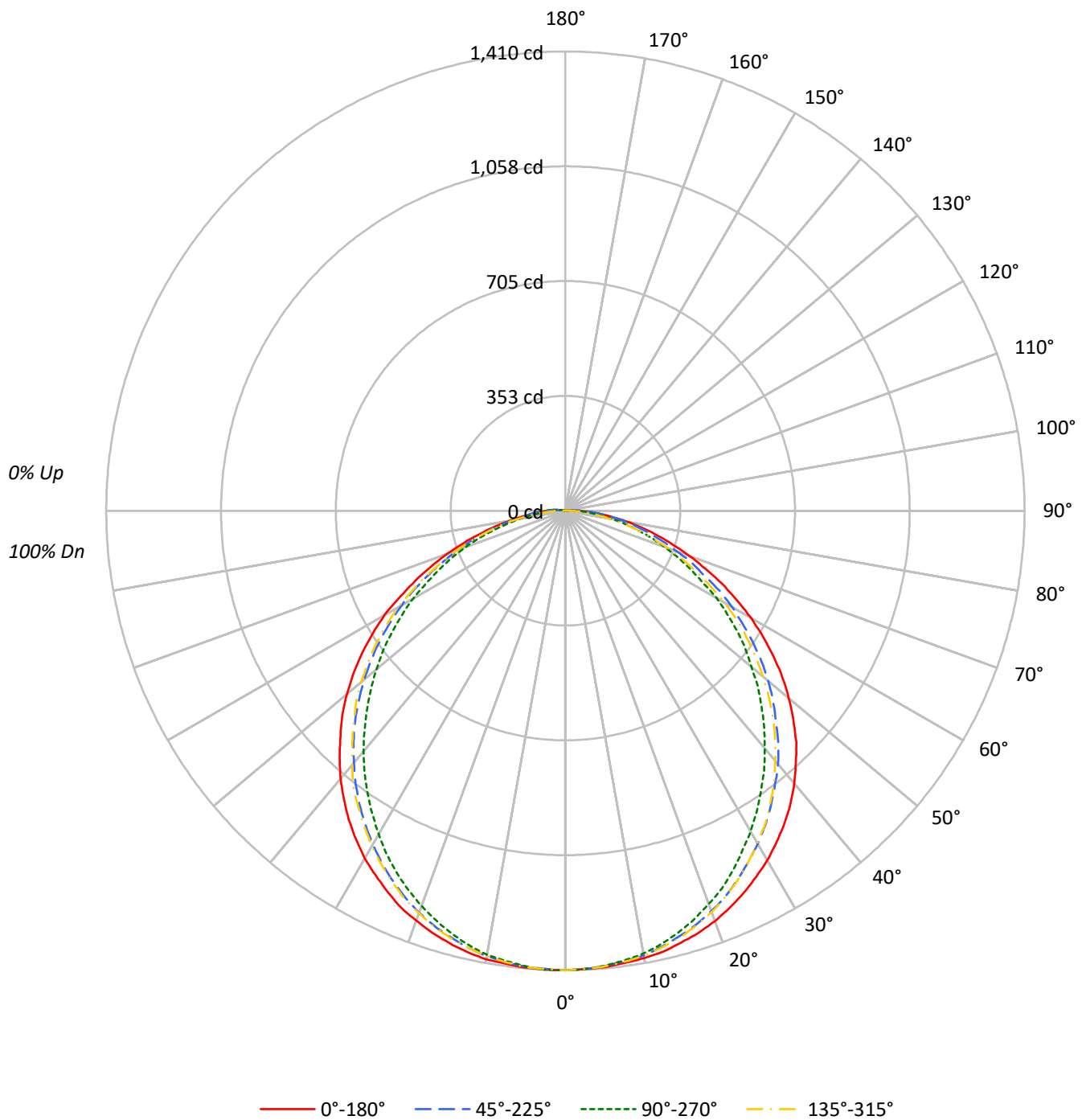
Input Watts (W): 32.5
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



TEST NUMBER: P571948

CATALOG NUMBER: 22ID-40-L835-SWD

Luminous Intensity Polar Plot



TEST NUMBER: P571948

CATALOG NUMBER: 22ID-40-L835-SWD

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	108	104	99	95	106	101	97	94	97	94	91		93	90	88		89
2	99	90	83	78	96	88	82	77	85	79	75		81	77	73		78
3	90	79	71	65	87	78	70	64	75	68	63		72	66	62		69
4	82	70	62	55	80	69	61	54	66	59	54		64	58	53		62
5	76	63	54	47	74	62	53	47	60	52	46		57	51	46		56
6	70	57	48	41	68	56	47	41	54	46	41		52	45	40		50
7	65	51	43	36	63	51	42	36	49	41	36		47	41	36		46
8	60	47	38	32	59	46	38	32	45	37	32		43	37	32		42
9	56	43	35	29	55	42	35	29	41	34	29		40	34	29		39
10	53	40	32	27	52	39	32	26	38	31	26		37	31	26		36

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3795	3795	3795	3795
5°	3772	3761	3777	3766
10°	3755	3718	3766	3729
15°	3741	3654	3746	3665
20°	3727	3573	3722	3590
25°	3703	3482	3691	3505
30°	3676	3371	3653	3400
35°	3640	3253	3597	3290
40°	3590	3128	3525	3167
45°	3521	2992	3431	3027
50°	3409	2836	3334	2882
55°	3272	2699	3197	2724
60°	3093	2525	3018	2543
65°	2868	2279	2739	2311
70°	2587	2067	2460	2080
75°	2309	1822	2136	1760
80°	2001	1522	1793	1479
85°	1597	1222	1504	1222

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3521 cd/sqm

TEST NUMBER: P571948

CATALOG NUMBER: 22ID-40-L835-SWD

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	133.5	3.4
10°-20°	383.0	9.6
20°-30°	578.7	14.6
30°-40°	692.1	17.4
40°-50°	708.1	17.8
50°-60°	626.6	15.8
60°-70°	464.3	11.7
70°-80°	267.6	6.7
80°-90°	99.4	2.5
90°-100°	18.2	0.5
100°-110°	1.5	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1095.2	27.6
0°-40°	1787.3	45.0
0°-60°	3122.0	78.6
0°-90°	3953.3	99.5
90°-120°	19.7	0.5
90°-150°	19.7	0.5
90°-180°	20.0	0.5
0°-180°	3973.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1410	1410	1410	1410	1410	
5°	1406	1402	1408	1404	1406	134
15°	1373	1341	1375	1345	1373	388
25°	1296	1218	1292	1226	1296	597
35°	1173	1048	1159	1060	1173	733
45°	1002	852	977	862	1002	771
55°	780	644	763	650	780	697
65°	531	422	507	428	531	524
75°	291	230	269	222	291	310
85°	101	77	95	77	101	101
90°	40	28	54	42	40	23
95°	6	4	28	24	6	4
105°	0	0	4	4	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0

TEST NUMBER: P571948

CATALOG NUMBER: 22ID-40-L835-SWD

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4
2.5°	1408.4	1410.4	1408.4	1408.4	1408.4	1408.4	1406.4	1406.4	1408.4	1408.4	1408.4
5°	1406.4	1406.4	1404.4	1404.4	1404.4	1404.4	1402.4	1402.4	1404.4	1404.4	1402.4
7.5°	1400.5	1400.5	1400.5	1398.5	1396.5	1398.5	1396.5	1396.5	1396.5	1396.5	1394.5
10°	1394.5	1394.5	1394.5	1394.5	1390.6	1390.6	1388.6	1388.6	1386.6	1386.6	1386.6
12.5°	1386.6	1386.6	1384.6	1382.6	1380.7	1380.7	1378.7	1376.7	1374.7	1372.7	1370.8
15°	1372.7	1372.7	1372.7	1368.8	1366.8	1364.8	1364.8	1362.8	1358.9	1356.9	1352.9
17.5°	1358.9	1358.9	1356.9	1352.9	1350.9	1349.0	1347.0	1345.0	1341.0	1337.1	1333.1
20°	1341.0	1341.0	1339.1	1335.1	1331.1	1329.2	1329.2	1325.2	1317.3	1313.3	1309.3
22.5°	1319.3	1321.2	1319.3	1315.3	1311.3	1307.4	1307.4	1299.4	1293.5	1289.5	1283.6
25°	1295.5	1295.5	1293.5	1289.5	1283.6	1279.6	1279.6	1269.7	1265.8	1259.8	1249.9
27.5°	1267.8	1267.8	1265.8	1261.8	1257.8	1251.9	1249.9	1240.0	1234.1	1228.1	1216.2
30°	1240.0	1238.0	1238.0	1230.1	1226.2	1220.2	1218.2	1206.3	1200.4	1192.5	1180.6
32.5°	1206.3	1206.3	1206.3	1196.4	1192.5	1186.5	1184.6	1172.7	1164.7	1154.8	1143.0
35°	1172.7	1170.7	1166.7	1160.8	1154.8	1148.9	1146.9	1135.0	1127.1	1115.2	1101.4
37.5°	1135.0	1131.1	1129.1	1123.1	1117.2	1107.3	1107.3	1095.4	1085.5	1073.6	1057.8
40°	1093.4	1089.5	1087.5	1079.6	1073.6	1065.7	1063.7	1051.8	1038.0	1028.1	1016.2
42.5°	1047.9	1043.9	1040.0	1038.0	1028.1	1020.1	1018.2	1004.3	990.4	980.5	968.6
45°	1002.3	996.4	992.4	988.4	978.5	970.6	968.6	952.8	940.9	931.0	913.2
47.5°	948.8	944.9	938.9	931.0	927.0	917.1	917.1	901.3	889.4	877.5	865.6
50°	895.3	889.4	885.4	877.5	871.6	863.7	857.7	847.8	835.9	824.0	812.2
52.5°	839.9	833.9	832.0	826.0	816.1	808.2	802.2	794.3	780.5	768.6	758.7
55°	780.5	778.5	770.6	768.6	758.7	750.7	746.8	734.9	723.0	713.1	701.2
57.5°	719.1	713.1	713.1	707.2	699.2	689.3	689.3	675.5	665.6	655.7	643.8
60°	657.6	653.7	653.7	643.8	639.8	631.9	631.9	616.0	608.1	598.2	590.3
62.5°	592.3	596.2	586.3	586.3	578.4	572.5	570.5	560.6	550.7	542.8	534.8
65°	530.9	532.9	526.9	524.9	513.0	507.1	505.1	497.2	489.3	481.3	469.5
67.5°	465.5	467.5	465.5	461.5	455.6	449.7	447.7	439.8	433.8	425.9	421.9
70°	404.1	404.1	406.1	404.1	398.2	394.2	394.2	384.3	378.3	372.4	362.5
72.5°	346.7	350.6	348.6	348.6	342.7	338.7	338.7	330.8	326.8	320.9	313.0
75°	291.2	293.2	295.1	293.2	289.2	287.2	285.2	281.3	277.3	273.4	265.4
77.5°	239.7	241.7	241.7	241.7	239.7	239.7	235.7	231.8	229.8	227.8	221.9
80°	190.2	192.1	194.1	194.1	192.1	190.2	190.2	188.2	188.2	186.2	184.2
82.5°	142.6	146.6	148.6	150.5	150.5	152.5	150.5	148.6	148.6	146.6	144.6
85°	101.0	105.0	108.9	110.9	112.9	112.9	112.9	112.9	112.9	112.9	108.9
87.5°	67.3	71.3	75.3	77.3	79.2	79.2	79.2	79.2	79.2	79.2	77.3
90°	39.6	43.6	45.6	47.5	49.5	47.5	49.5	49.5	51.5	51.5	49.5
92.5°	19.8	21.8	21.8	23.8	23.8	23.8	23.8	23.8	23.8	25.8	23.8
95°	5.9	5.9	7.9	7.9	7.9	7.9	5.9	5.9	4.0	4.0	2.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571948

CATALOG NUMBER: 22ID-40-L835-SWD

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571948

CATALOG NUMBER: 22ID-40-L835-SWD

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4
2.5°	1406.4	1406.4	1406.4	1406.4	1406.4	1406.4	1406.4	1408.4	1408.4	1408.4	1408.4
5°	1402.4	1402.4	1400.5	1402.4	1402.4	1400.5	1402.4	1402.4	1402.4	1402.4	1404.4
7.5°	1394.5	1394.5	1392.5	1392.5	1392.5	1392.5	1392.5	1390.6	1392.5	1392.5	1392.5
10°	1382.6	1382.6	1380.7	1380.7	1380.7	1380.7	1378.7	1378.7	1380.7	1380.7	1380.7
12.5°	1368.8	1366.8	1364.8	1364.8	1362.8	1362.8	1362.8	1362.8	1362.8	1362.8	1362.8
15°	1350.9	1349.0	1347.0	1345.0	1345.0	1345.0	1341.0	1343.0	1341.0	1341.0	1343.0
17.5°	1331.1	1327.2	1323.2	1321.2	1321.2	1321.2	1317.3	1317.3	1315.3	1315.3	1317.3
20°	1303.4	1301.4	1295.5	1293.5	1293.5	1291.5	1287.6	1287.6	1287.6	1285.6	1289.5
22.5°	1277.7	1273.7	1265.8	1263.8	1263.8	1261.8	1255.9	1255.9	1255.9	1255.9	1255.9
25°	1244.0	1240.0	1234.1	1228.1	1228.1	1226.2	1220.2	1220.2	1218.2	1218.2	1220.2
27.5°	1208.3	1204.4	1196.4	1190.5	1190.5	1188.5	1182.6	1182.6	1178.6	1176.6	1180.6
30°	1170.7	1166.7	1158.8	1152.9	1150.9	1148.9	1143.0	1143.0	1137.0	1137.0	1141.0
32.5°	1137.0	1127.1	1117.2	1111.3	1109.3	1107.3	1101.4	1099.4	1095.4	1093.4	1095.4
35°	1095.4	1081.5	1075.6	1067.7	1065.7	1063.7	1057.8	1051.8	1049.9	1047.9	1049.9
37.5°	1051.8	1038.0	1030.0	1022.1	1020.1	1016.2	1008.3	1004.3	1002.3	1002.3	1004.3
40°	1000.3	992.4	982.5	972.6	970.6	968.6	960.7	958.7	954.8	952.8	956.8
42.5°	952.8	942.9	933.0	923.1	923.1	921.1	913.2	909.2	905.3	903.3	905.3
45°	901.3	891.4	881.5	873.6	871.6	865.6	861.7	857.7	853.8	851.8	853.8
47.5°	847.8	837.9	830.0	820.1	818.1	816.1	810.2	806.2	800.3	802.2	802.2
50°	796.3	786.4	776.5	768.6	764.6	758.7	758.7	754.7	746.8	744.8	748.8
52.5°	742.8	732.9	723.0	715.1	713.1	707.2	701.2	699.2	695.3	697.3	695.3
55°	689.3	677.5	667.5	661.6	657.6	653.7	649.7	645.8	639.8	643.8	643.8
57.5°	629.9	620.0	614.1	606.1	604.2	602.2	594.3	592.3	586.3	588.3	586.3
60°	576.4	566.5	560.6	552.7	550.7	544.7	540.8	538.8	532.9	536.8	532.9
62.5°	524.9	509.1	501.2	493.2	493.2	489.3	485.3	481.3	475.4	473.4	473.4
65°	465.5	455.6	449.7	441.7	441.7	437.8	433.8	429.8	423.9	421.9	425.9
67.5°	412.0	406.1	396.2	390.2	390.2	386.3	382.3	380.3	374.4	372.4	374.4
70°	362.5	356.6	346.7	340.7	340.7	338.7	332.8	330.8	324.9	322.9	320.9
72.5°	313.0	303.1	299.1	293.2	293.2	291.2	285.2	283.3	277.3	275.3	273.4
75°	263.5	259.5	251.6	247.6	249.6	243.6	241.7	237.7	231.8	229.8	229.8
77.5°	217.9	215.9	208.0	204.0	204.0	200.1	198.1	194.1	192.1	188.2	186.2
80°	178.3	176.3	168.4	164.4	164.4	160.4	156.5	154.5	148.6	144.6	144.6
82.5°	142.6	138.7	132.7	128.8	126.8	124.8	120.8	116.9	110.9	108.9	105.0
85°	107.0	105.0	99.0	97.1	93.1	93.1	89.1	85.2	79.2	77.3	75.3
87.5°	75.3	75.3	69.3	67.3	65.4	63.4	59.4	57.4	51.5	49.5	45.6
90°	47.5	47.5	43.6	41.6	39.6	37.6	35.7	33.7	29.7	27.7	23.8
92.5°	21.8	21.8	19.8	17.8	17.8	17.8	15.8	15.8	13.9	11.9	9.9
95°	2.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571948

CATALOG NUMBER: 22ID-40-L835-SWD

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571948

CATALOG NUMBER: 22ID-40-L835-SWD

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4
2.5°	1408.4	1408.4	1406.4	1408.4	1406.4	1406.4	1408.4	1408.4	1408.4	1408.4	1408.4
5°	1404.4	1402.4	1402.4	1402.4	1400.5	1402.4	1404.4	1404.4	1404.4	1404.4	1404.4
7.5°	1392.5	1392.5	1392.5	1392.5	1392.5	1392.5	1394.5	1394.5	1396.5	1396.5	1398.5
10°	1380.7	1380.7	1380.7	1380.7	1380.7	1382.6	1382.6	1386.6	1386.6	1388.6	1390.6
12.5°	1362.8	1362.8	1362.8	1364.8	1364.8	1366.8	1368.8	1370.8	1372.7	1376.7	1376.7
15°	1343.0	1343.0	1343.0	1345.0	1345.0	1347.0	1350.9	1352.9	1356.9	1360.9	1360.9
17.5°	1319.3	1319.3	1317.3	1321.2	1321.2	1323.2	1329.2	1331.1	1335.1	1339.1	1341.0
20°	1289.5	1289.5	1289.5	1293.5	1293.5	1297.5	1301.4	1305.4	1311.3	1317.3	1319.3
22.5°	1257.8	1257.8	1261.8	1263.8	1263.8	1269.7	1273.7	1279.6	1283.6	1289.5	1293.5
25°	1220.2	1224.2	1224.2	1228.1	1232.1	1234.1	1242.0	1246.0	1251.9	1259.8	1263.8
27.5°	1184.6	1186.5	1190.5	1190.5	1194.5	1196.4	1206.3	1208.3	1216.2	1226.2	1230.1
30°	1139.0	1144.9	1144.9	1150.9	1154.8	1158.8	1166.7	1170.7	1178.6	1188.5	1196.4
32.5°	1097.4	1103.3	1107.3	1107.3	1113.2	1117.2	1127.1	1131.1	1141.0	1148.9	1158.8
35°	1053.8	1057.8	1061.7	1063.7	1067.7	1073.6	1083.5	1087.5	1097.4	1107.3	1117.2
37.5°	1004.3	1012.2	1016.2	1016.2	1020.1	1024.1	1036.0	1041.9	1051.8	1061.7	1071.6
40°	958.7	962.7	966.7	968.6	974.6	976.6	988.4	994.4	1002.3	1016.2	1024.1
42.5°	907.2	911.2	917.1	917.1	919.1	931.0	936.9	942.9	952.8	966.7	978.5
45°	855.7	859.7	865.6	867.6	867.6	877.5	885.4	891.4	901.3	915.2	927.0
47.5°	802.2	806.2	812.2	812.2	814.1	824.0	832.0	837.9	847.8	861.7	871.6
50°	750.7	754.7	758.7	758.7	760.7	764.6	776.5	782.4	792.3	806.2	816.1
52.5°	697.3	699.2	705.2	705.2	705.2	713.1	721.0	727.0	736.9	750.7	756.7
55°	641.8	643.8	649.7	651.7	651.7	659.6	665.6	671.5	679.4	689.3	703.2
57.5°	584.4	590.3	594.3	594.3	598.2	602.2	610.1	612.1	626.0	631.9	641.8
60°	532.9	536.8	540.8	540.8	538.8	546.7	552.7	556.6	562.6	576.4	584.4
62.5°	475.4	477.4	481.3	481.3	483.3	487.3	491.3	499.2	501.2	509.1	524.9
65°	423.9	423.9	425.9	427.9	427.9	431.8	435.8	441.7	443.7	449.7	461.5
67.5°	370.4	372.4	374.4	374.4	374.4	376.4	380.3	386.3	388.2	392.2	402.1
70°	318.9	320.9	322.9	322.9	322.9	322.9	326.8	332.8	332.8	336.7	342.7
72.5°	271.4	271.4	273.4	273.4	273.4	273.4	273.4	279.3	277.3	283.3	287.2
75°	225.8	223.8	223.8	225.8	223.8	223.8	223.8	227.8	227.8	227.8	233.7
77.5°	180.3	180.3	178.3	176.3	176.3	176.3	176.3	178.3	180.3	182.2	182.2
80°	138.7	136.7	136.7	134.7	132.7	132.7	130.7	134.7	130.7	136.7	136.7
82.5°	101.0	99.0	97.1	95.1	95.1	93.1	91.1	93.1	93.1	93.1	97.1
85°	69.3	65.4	65.4	61.4	61.4	59.4	59.4	61.4	59.4	61.4	63.4
87.5°	41.6	39.6	37.6	33.7	33.7	33.7	31.7	33.7	33.7	35.7	37.6
90°	19.8	17.8	15.8	15.8	13.9	13.9	13.9	15.8	15.8	17.8	21.8
92.5°	7.9	5.9	5.9	4.0	4.0	4.0	5.9	7.9	9.9	11.9	13.9
95°	2.0	2.0	2.0	2.0	0.0	2.0	2.0	4.0	5.9	7.9	9.9
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	4.0	4.0	5.9
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	4.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571948

CATALOG NUMBER: 22ID-40-L835-SWD

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571948

CATALOG NUMBER: 22ID-40-L835-SWD

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4
2.5°	1408.4	1408.4	1408.4	1408.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4
5°	1404.4	1406.4	1406.4	1406.4	1406.4	1408.4	1408.4	1408.4	1408.4	1408.4	1406.4
7.5°	1398.5	1400.5	1400.5	1400.5	1400.5	1402.4	1402.4	1402.4	1402.4	1402.4	1400.5
10°	1390.6	1390.6	1392.5	1394.5	1394.5	1396.5	1396.5	1398.5	1396.5	1396.5	1394.5
12.5°	1378.7	1380.7	1382.6	1382.6	1384.6	1386.6	1386.6	1388.6	1386.6	1386.6	1384.6
15°	1364.8	1366.8	1368.8	1370.8	1372.7	1372.7	1374.7	1374.7	1372.7	1372.7	1370.8
17.5°	1347.0	1349.0	1350.9	1352.9	1356.9	1356.9	1358.9	1358.9	1358.9	1356.9	1354.9
20°	1323.2	1327.2	1331.1	1333.1	1335.1	1339.1	1339.1	1339.1	1339.1	1339.1	1337.1
22.5°	1299.4	1303.4	1307.4	1309.3	1315.3	1317.3	1317.3	1319.3	1319.3	1317.3	1315.3
25°	1269.7	1275.7	1279.6	1281.6	1287.6	1289.5	1291.5	1291.5	1289.5	1289.5	1285.6
27.5°	1240.0	1247.9	1247.9	1251.9	1257.8	1257.8	1263.8	1261.8	1263.8	1259.8	1255.9
30°	1204.4	1212.3	1214.3	1218.2	1222.2	1226.2	1232.1	1232.1	1234.1	1228.1	1224.2
32.5°	1168.7	1176.6	1178.6	1182.6	1186.5	1190.5	1196.4	1196.4	1198.4	1194.5	1190.5
35°	1123.1	1137.0	1139.0	1143.0	1148.9	1152.9	1158.8	1158.8	1160.8	1158.8	1150.9
37.5°	1079.6	1093.4	1095.4	1101.4	1109.3	1113.2	1117.2	1117.2	1121.2	1115.2	1111.3
40°	1038.0	1047.9	1049.9	1055.8	1065.7	1065.7	1073.6	1073.6	1071.6	1071.6	1065.7
42.5°	988.4	998.4	1002.3	1008.3	1016.2	1024.1	1028.1	1026.1	1026.1	1030.0	1024.1
45°	936.9	948.8	950.8	956.8	964.7	972.6	978.5	976.6	976.6	978.5	970.6
47.5°	883.5	893.4	895.3	903.3	911.2	915.2	925.1	929.0	925.1	927.0	919.1
50°	824.0	837.9	841.9	847.8	857.7	861.7	871.6	875.5	871.6	869.6	863.7
52.5°	772.5	784.4	784.4	792.3	800.3	810.2	816.1	820.1	816.1	814.1	814.1
55°	713.1	725.0	727.0	730.9	740.8	750.7	756.7	762.6	758.7	760.7	756.7
57.5°	653.7	663.6	665.6	671.5	679.4	691.3	695.3	701.2	701.2	699.2	691.3
60°	594.3	604.2	606.1	612.1	618.0	626.0	635.9	641.8	637.8	639.8	629.9
62.5°	534.8	542.8	546.7	548.7	558.6	568.5	572.5	572.5	580.4	578.4	570.5
65°	469.5	477.4	479.4	483.3	491.3	501.2	507.1	507.1	511.1	511.1	503.1
67.5°	410.0	418.0	419.9	421.9	429.8	441.7	443.7	445.7	447.7	447.7	441.7
70°	350.6	358.5	360.5	364.5	368.4	380.3	382.3	384.3	390.2	388.2	382.3
72.5°	295.1	301.1	303.1	305.1	309.0	320.9	322.9	324.9	330.8	330.8	330.8
75°	239.7	245.6	247.6	247.6	253.6	263.5	267.4	269.4	273.4	275.3	275.3
77.5°	188.2	192.1	192.1	194.1	200.1	210.0	213.9	217.9	219.9	221.9	223.8
80°	140.6	144.6	146.6	148.6	152.5	160.4	164.4	170.4	172.3	174.3	176.3
82.5°	99.0	103.0	103.0	107.0	110.9	118.9	122.8	128.8	130.7	134.7	136.7
85°	65.4	71.3	73.3	73.3	79.2	85.2	91.1	95.1	99.0	101.0	105.0
87.5°	41.6	45.6	49.5	51.5	55.5	61.4	65.4	69.3	73.3	77.3	81.2
90°	25.8	29.7	31.7	35.7	39.6	43.6	47.5	53.5	55.5	59.4	63.4
92.5°	17.8	21.8	23.8	23.8	27.7	31.7	35.7	39.6	41.6	43.6	45.6
95°	11.9	15.8	15.8	17.8	19.8	23.8	25.8	27.7	29.7	29.7	29.7
97.5°	7.9	9.9	11.9	11.9	13.9	15.8	17.8	17.8	19.8	19.8	19.8
100°	4.0	5.9	5.9	7.9	7.9	9.9	11.9	11.9	11.9	11.9	11.9
102.5°	2.0	4.0	4.0	4.0	5.9	5.9	5.9	7.9	7.9	7.9	7.9
105°	0.0	2.0	2.0	2.0	2.0	4.0	4.0	4.0	4.0	4.0	4.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	2.0	2.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571948

CATALOG NUMBER: 22ID-40-L835-SWD

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571948

CATALOG NUMBER: 22ID-40-L835-SWD

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4
2.5°	1408.4	1408.4	1408.4	1408.4	1408.4	1408.4	1408.4	1408.4	1408.4	1408.4	1408.4
5°	1406.4	1404.4	1404.4	1404.4	1404.4	1404.4	1404.4	1404.4	1404.4	1404.4	1404.4
7.5°	1400.5	1400.5	1400.5	1398.5	1398.5	1398.5	1398.5	1396.5	1396.5	1394.5	1394.5
10°	1394.5	1392.5	1392.5	1390.6	1390.6	1390.6	1388.6	1388.6	1386.6	1384.6	1384.6
12.5°	1382.6	1382.6	1380.7	1380.7	1378.7	1376.7	1374.7	1372.7	1370.8	1370.8	1366.8
15°	1368.8	1366.8	1366.8	1362.8	1362.8	1360.9	1356.9	1354.9	1352.9	1350.9	1347.0
17.5°	1352.9	1349.0	1349.0	1347.0	1345.0	1341.0	1337.1	1335.1	1331.1	1329.2	1327.2
20°	1333.1	1331.1	1331.1	1325.2	1321.2	1317.3	1313.3	1309.3	1307.4	1301.4	1297.5
22.5°	1311.3	1307.4	1307.4	1303.4	1297.5	1293.5	1285.6	1281.6	1277.7	1271.7	1267.8
25°	1281.6	1277.7	1277.7	1271.7	1265.8	1261.8	1253.9	1247.9	1242.0	1236.1	1236.1
27.5°	1251.9	1247.9	1246.0	1240.0	1234.1	1228.1	1220.2	1212.3	1208.3	1202.4	1198.4
30°	1218.2	1214.3	1214.3	1206.3	1200.4	1192.5	1182.6	1174.6	1166.7	1162.8	1158.8
32.5°	1184.6	1182.6	1176.6	1170.7	1162.8	1154.8	1143.0	1135.0	1127.1	1121.2	1117.2
35°	1146.9	1144.9	1139.0	1133.1	1123.1	1113.2	1101.4	1093.4	1085.5	1079.6	1073.6
37.5°	1105.3	1103.3	1097.4	1087.5	1081.5	1069.7	1057.8	1047.9	1041.9	1034.0	1026.1
40°	1061.7	1057.8	1051.8	1043.9	1036.0	1024.1	1010.2	1002.3	994.4	986.5	978.5
42.5°	1014.2	1012.2	1006.3	994.4	986.5	976.6	962.7	952.8	944.9	935.0	931.0
45°	964.7	964.7	958.7	948.8	936.9	925.1	913.2	903.3	893.4	885.4	877.5
47.5°	913.2	913.2	905.3	897.3	885.4	873.6	859.7	849.8	839.9	833.9	826.0
50°	859.7	857.7	853.8	839.9	832.0	820.1	806.2	798.3	788.4	780.5	772.5
52.5°	804.2	802.2	798.3	784.4	776.5	764.6	750.7	742.8	734.9	725.0	719.1
55°	746.8	744.8	736.9	732.9	719.1	709.1	695.3	689.3	677.5	669.5	663.6
57.5°	685.4	685.4	679.4	671.5	659.6	649.7	637.8	629.9	620.0	614.1	608.1
60°	626.0	626.0	622.0	612.1	602.2	592.3	580.4	574.4	564.5	560.6	554.6
62.5°	566.5	566.5	558.6	552.7	542.8	532.9	522.9	509.1	503.1	497.2	493.2
65°	499.2	499.2	491.3	489.3	479.4	469.5	461.5	457.6	449.7	443.7	437.8
67.5°	439.8	439.8	431.8	429.8	421.9	414.0	404.1	402.1	392.2	390.2	384.3
70°	380.3	382.3	376.4	370.4	364.5	358.5	350.6	344.7	338.7	336.7	332.8
72.5°	322.9	320.9	320.9	316.9	311.0	305.1	299.1	295.1	289.2	287.2	283.3
75°	269.4	267.4	265.4	265.4	259.5	253.6	249.6	247.6	241.7	237.7	235.7
77.5°	217.9	219.9	219.9	215.9	212.0	208.0	206.0	202.0	196.1	194.1	192.1
80°	172.3	174.3	174.3	170.4	168.4	164.4	160.4	160.4	154.5	154.5	152.5
82.5°	132.7	132.7	132.7	132.7	128.8	126.8	126.8	120.8	120.8	118.9	116.9
85°	103.0	103.0	103.0	105.0	103.0	101.0	101.0	97.1	95.1	93.1	91.1
87.5°	83.2	83.2	85.2	85.2	85.2	83.2	83.2	81.2	79.2	75.3	73.3
90°	63.4	65.4	65.4	67.3	67.3	67.3	65.4	63.4	61.4	59.4	57.4
92.5°	47.5	47.5	49.5	49.5	49.5	49.5	49.5	47.5	45.6	45.6	43.6
95°	29.7	31.7	31.7	31.7	33.7	33.7	33.7	33.7	31.7	29.7	29.7
97.5°	19.8	17.8	17.8	17.8	17.8	19.8	19.8	19.8	17.8	17.8	17.8
100°	11.9	9.9	9.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	9.9
102.5°	5.9	5.9	5.9	4.0	4.0	2.0	2.0	2.0	2.0	4.0	5.9
105°	2.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571948

CATALOG NUMBER: 22ID-40-L835-SWD

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571948

CATALOG NUMBER: 22ID-40-L835-SWD

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4
2.5°	1408.4	1408.4	1408.4	1408.4	1408.4	1410.4	1408.4	1410.4	1408.4	1408.4	1408.4
5°	1404.4	1404.4	1404.4	1404.4	1404.4	1404.4	1404.4	1404.4	1404.4	1404.4	1402.4
7.5°	1394.5	1394.5	1394.5	1394.5	1394.5	1394.5	1394.5	1394.5	1394.5	1394.5	1394.5
10°	1384.6	1384.6	1384.6	1382.6	1384.6	1384.6	1382.6	1384.6	1382.6	1384.6	1384.6
12.5°	1368.8	1366.8	1366.8	1366.8	1366.8	1366.8	1366.8	1366.8	1366.8	1366.8	1368.8
15°	1349.0	1349.0	1347.0	1347.0	1345.0	1345.0	1345.0	1345.0	1347.0	1347.0	1349.0
17.5°	1325.2	1325.2	1325.2	1321.2	1323.2	1319.3	1321.2	1321.2	1323.2	1323.2	1325.2
20°	1297.5	1295.5	1295.5	1293.5	1291.5	1291.5	1293.5	1293.5	1297.5	1297.5	1299.4
22.5°	1267.8	1265.8	1265.8	1261.8	1259.8	1259.8	1261.8	1263.8	1267.8	1265.8	1269.7
25°	1232.1	1230.1	1230.1	1224.2	1228.1	1226.2	1224.2	1228.1	1230.1	1230.1	1234.1
27.5°	1194.5	1192.5	1190.5	1188.5	1188.5	1188.5	1186.5	1186.5	1192.5	1192.5	1196.4
30°	1154.8	1152.9	1150.9	1148.9	1146.9	1146.9	1144.9	1146.9	1150.9	1154.8	1156.8
32.5°	1113.2	1111.3	1105.3	1105.3	1105.3	1103.3	1103.3	1105.3	1109.3	1111.3	1115.2
35°	1067.7	1065.7	1061.7	1057.8	1059.8	1059.8	1057.8	1061.7	1065.7	1071.6	1071.6
37.5°	1022.1	1020.1	1016.2	1016.2	1012.2	1012.2	1010.2	1012.2	1020.1	1022.1	1026.1
40°	972.6	972.6	968.6	964.7	964.7	964.7	962.7	964.7	968.6	978.5	978.5
42.5°	925.1	923.1	917.1	915.2	913.2	913.2	913.2	917.1	917.1	929.0	929.0
45°	873.6	871.6	865.6	863.7	863.7	861.7	861.7	865.6	867.6	877.5	877.5
47.5°	820.1	818.1	812.2	812.2	812.2	810.2	808.2	812.2	816.1	824.0	826.0
50°	768.6	764.6	760.7	758.7	756.7	756.7	754.7	760.7	764.6	772.5	770.6
52.5°	713.1	713.1	709.1	705.2	705.2	705.2	703.2	709.1	709.1	717.1	719.1
55°	659.6	655.7	653.7	651.7	649.7	649.7	649.7	653.7	653.7	663.6	663.6
57.5°	602.2	602.2	596.2	596.2	596.2	594.3	594.3	596.2	600.2	608.1	608.1
60°	548.7	548.7	540.8	542.8	540.8	540.8	540.8	542.8	544.7	552.7	552.7
62.5°	489.3	485.3	483.3	481.3	481.3	481.3	483.3	483.3	485.3	493.2	493.2
65°	435.8	431.8	429.8	429.8	427.9	427.9	427.9	429.8	431.8	437.8	437.8
67.5°	382.3	378.3	376.4	376.4	374.4	376.4	376.4	376.4	378.3	384.3	384.3
70°	330.8	328.8	322.9	324.9	322.9	324.9	324.9	322.9	324.9	330.8	330.8
72.5°	281.3	279.3	275.3	275.3	273.4	273.4	271.4	271.4	273.4	279.3	279.3
75°	233.7	229.8	227.8	227.8	225.8	221.9	225.8	223.8	223.8	229.8	229.8
77.5°	192.1	190.2	188.2	184.2	182.2	180.3	180.3	178.3	178.3	182.2	180.3
80°	150.5	146.6	144.6	144.6	142.6	140.6	138.7	136.7	136.7	138.7	138.7
82.5°	114.9	112.9	110.9	110.9	107.0	105.0	105.0	101.0	103.0	101.0	103.0
85°	91.1	87.2	85.2	83.2	81.2	77.3	77.3	73.3	73.3	71.3	71.3
87.5°	71.3	71.3	65.4	63.4	61.4	57.4	53.5	51.5	51.5	47.5	47.5
90°	55.5	55.5	51.5	49.5	45.6	41.6	39.6	35.7	33.7	31.7	29.7
92.5°	41.6	41.6	37.6	35.7	33.7	31.7	29.7	27.7	25.8	21.8	21.8
95°	29.7	27.7	25.8	25.8	23.8	23.8	21.8	19.8	17.8	15.8	15.8
97.5°	17.8	17.8	17.8	17.8	17.8	15.8	13.9	13.9	11.9	9.9	9.9
100°	9.9	9.9	9.9	11.9	9.9	9.9	9.9	7.9	7.9	5.9	5.9
102.5°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	4.0	4.0
105°	2.0	2.0	2.0	4.0	4.0	4.0	4.0	4.0	2.0	2.0	2.0
107.5°	0.0	0.0	0.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571948

CATALOG NUMBER: 22ID-40-L835-SWD

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571948

CATALOG NUMBER: 22ID-40-L835-SWD

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4	1410.4
2.5°	1408.4	1408.4	1408.4	1408.4	1408.4	1408.4	1408.4	1408.4	1408.4	1408.4	1410.4
5°	1404.4	1404.4	1404.4	1404.4	1406.4	1406.4	1406.4	1406.4	1406.4	1406.4	1406.4
7.5°	1394.5	1394.5	1396.5	1396.5	1398.5	1398.5	1398.5	1400.5	1400.5	1400.5	1400.5
10°	1384.6	1384.6	1386.6	1388.6	1388.6	1390.6	1390.6	1392.5	1392.5	1394.5	1394.5
12.5°	1368.8	1368.8	1372.7	1374.7	1374.7	1376.7	1378.7	1380.7	1380.7	1382.6	1382.6
15°	1349.0	1350.9	1352.9	1356.9	1358.9	1362.8	1362.8	1366.8	1368.8	1368.8	1370.8
17.5°	1325.2	1329.2	1333.1	1335.1	1339.1	1343.0	1345.0	1349.0	1352.9	1352.9	1354.9
20°	1299.4	1303.4	1309.3	1311.3	1315.3	1321.2	1323.2	1327.2	1331.1	1335.1	1335.1
22.5°	1271.7	1275.7	1279.6	1285.6	1289.5	1295.5	1299.4	1305.4	1311.3	1311.3	1315.3
25°	1236.1	1242.0	1247.9	1251.9	1257.8	1265.8	1271.7	1275.7	1283.6	1285.6	1287.6
27.5°	1198.4	1204.4	1212.3	1216.2	1224.2	1232.1	1240.0	1247.9	1253.9	1255.9	1259.8
30°	1158.8	1164.7	1172.7	1180.6	1188.5	1198.4	1206.3	1214.3	1224.2	1224.2	1228.1
32.5°	1119.2	1127.1	1135.0	1141.0	1148.9	1160.8	1170.7	1178.6	1186.5	1190.5	1194.5
35°	1075.6	1085.5	1093.4	1099.4	1109.3	1121.2	1131.1	1139.0	1148.9	1152.9	1158.8
37.5°	1028.1	1036.0	1047.9	1055.8	1069.7	1075.6	1087.5	1095.4	1109.3	1113.2	1117.2
40°	982.5	988.4	1000.3	1008.3	1018.2	1032.0	1041.9	1055.8	1065.7	1067.7	1073.6
42.5°	931.0	942.9	950.8	958.7	968.6	982.5	992.4	1006.3	1020.1	1022.1	1028.1
45°	881.5	891.4	899.3	909.2	919.1	933.0	946.9	958.7	968.6	972.6	978.5
47.5°	828.0	839.9	847.8	859.7	871.6	881.5	895.3	907.2	917.1	919.1	927.0
50°	776.5	786.4	792.3	802.2	818.1	828.0	837.9	853.8	861.7	867.6	871.6
52.5°	723.0	729.0	738.9	752.7	762.6	774.5	782.4	796.3	806.2	810.2	818.1
55°	669.5	677.5	681.4	691.3	707.2	713.1	729.0	736.9	750.7	750.7	754.7
57.5°	610.1	620.0	626.0	639.8	649.7	657.6	667.5	679.4	689.3	691.3	697.3
60°	556.6	564.5	570.5	584.4	592.3	600.2	610.1	622.0	629.9	631.9	639.8
62.5°	499.2	503.1	509.1	524.9	528.9	538.8	552.7	560.6	570.5	572.5	576.4
65°	443.7	449.7	451.6	463.5	467.5	475.4	489.3	497.2	503.1	507.1	507.1
67.5°	388.2	392.2	398.2	408.1	410.0	418.0	429.8	437.8	443.7	447.7	447.7
70°	330.8	336.7	342.7	352.6	352.6	362.5	370.4	378.3	386.3	388.2	390.2
72.5°	279.3	285.2	289.2	297.1	299.1	307.0	315.0	322.9	328.8	330.8	334.8
75°	231.8	233.7	235.7	243.6	245.6	257.5	261.5	267.4	273.4	275.3	275.3
77.5°	184.2	186.2	188.2	194.1	198.1	204.0	208.0	213.9	219.9	217.9	225.8
80°	140.6	140.6	142.6	148.6	152.5	156.5	160.4	164.4	168.4	170.4	176.3
82.5°	103.0	101.0	101.0	107.0	108.9	108.9	114.9	118.9	122.8	126.8	124.8
85°	71.3	69.3	69.3	71.3	71.3	75.3	77.3	79.2	83.2	85.2	85.2
87.5°	45.6	43.6	41.6	43.6	41.6	43.6	45.6	47.5	49.5	51.5	53.5
90°	29.7	25.8	23.8	23.8	21.8	21.8	21.8	21.8	23.8	23.8	25.8
92.5°	19.8	17.8	15.8	13.9	11.9	9.9	7.9	7.9	9.9	9.9	9.9
95°	13.9	11.9	9.9	7.9	5.9	5.9	4.0	2.0	2.0	2.0	2.0
97.5°	9.9	7.9	5.9	5.9	4.0	2.0	2.0	0.0	0.0	0.0	0.0
100°	5.9	4.0	4.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	4.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571948

CATALOG NUMBER: 22ID-40-L835-SWD

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571948

CATALOG NUMBER: 22ID-40-L835-SWD

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1410.4	1410.4	1410.4	1410.4
2.5°	1408.4	1408.4	1410.4	1408.4
5°	1406.4	1406.4	1408.4	1406.4
7.5°	1400.5	1400.5	1400.5	1400.5
10°	1394.5	1394.5	1396.5	1394.5
12.5°	1384.6	1386.6	1386.6	1386.6
15°	1372.7	1372.7	1372.7	1372.7
17.5°	1354.9	1356.9	1360.9	1358.9
20°	1337.1	1339.1	1343.0	1341.0
22.5°	1317.3	1319.3	1321.2	1319.3
25°	1291.5	1293.5	1295.5	1295.5
27.5°	1263.8	1269.7	1269.7	1267.8
30°	1232.1	1240.0	1242.0	1240.0
32.5°	1198.4	1206.3	1208.3	1206.3
35°	1164.7	1168.7	1174.6	1172.7
37.5°	1121.2	1129.1	1135.0	1135.0
40°	1079.6	1089.5	1093.4	1093.4
42.5°	1038.0	1041.9	1047.9	1047.9
45°	988.4	994.4	1000.3	1002.3
47.5°	935.0	942.9	946.9	948.8
50°	881.5	889.4	893.4	895.3
52.5°	828.0	832.0	837.9	839.9
55°	766.6	772.5	778.5	780.5
57.5°	705.2	713.1	717.1	719.1
60°	643.8	653.7	657.6	657.6
62.5°	584.4	590.3	594.3	592.3
65°	522.9	528.9	530.9	530.9
67.5°	455.6	463.5	465.5	465.5
70°	396.2	402.1	406.1	404.1
72.5°	338.7	344.7	346.7	346.7
75°	283.3	287.2	289.2	291.2
77.5°	227.8	233.7	235.7	239.7
80°	176.3	182.2	186.2	190.2
82.5°	130.7	134.7	140.6	142.6
85°	89.1	95.1	99.0	101.0
87.5°	55.5	59.4	63.4	67.3
90°	27.7	31.7	35.7	39.6
92.5°	11.9	13.9	15.8	19.8
95°	4.0	4.0	5.9	5.9
97.5°	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0

TEST NUMBER: P571948

CATALOG NUMBER: 22ID-40-L835-SWD

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0

TEST NUMBER: P571948

CATALOG NUMBER: 22ID-40-L835-SWD

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	16.21	17.83	16.58	18.16	18.48	15.08	16.71	15.46	17.03	17.36
	3H	17.94	19.41	18.32	19.74	20.12	16.68	18.15	17.06	18.48	18.85
	4H	18.58	19.97	18.99	20.33	20.71	17.26	18.65	17.67	19.01	19.39
	6H	19.07	20.35	19.49	20.73	21.13	17.70	18.98	18.12	19.36	19.76
	8H	19.23	20.46	19.67	20.86	21.27	17.84	19.07	18.27	19.46	19.88
	12H	19.36	20.53	19.79	20.93	21.37	17.94	19.12	18.38	19.51	19.95
4H	2H	16.66	18.04	17.06	18.40	18.79	15.71	17.10	16.12	17.46	17.85
	3H	18.60	19.77	19.02	20.17	20.59	17.51	18.67	17.93	19.08	19.49
	4H	19.38	20.43	19.82	20.86	21.30	18.21	19.27	18.65	19.69	20.14
	6H	20.00	20.93	20.46	21.38	21.84	18.76	19.69	19.22	20.14	20.60
	8H	20.22	21.09	20.69	21.54	22.02	18.94	19.81	19.41	20.26	20.74
	12H	20.40	21.18	20.89	21.66	22.14	19.09	19.87	19.58	20.35	20.83
8H	4H	19.59	20.46	20.06	20.91	21.39	18.52	19.39	18.99	19.84	20.32
	6H	20.33	21.05	20.83	21.55	22.03	19.18	19.90	19.68	20.40	20.88
	8H	20.62	21.27	21.14	21.79	22.28	19.43	20.08	19.94	20.59	21.09
	12H	20.89	21.46	21.40	21.96	22.53	19.65	20.22	20.16	20.72	21.29
12H	4H	19.61	20.39	20.10	20.87	21.35	18.56	19.34	19.05	19.82	20.30
	6H	20.36	21.01	20.88	21.52	22.02	19.24	19.89	19.76	20.40	20.90
	8H	20.71	21.29	21.22	21.79	22.36	19.55	20.12	20.06	20.62	21.19