

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: P571908

Luminaire Tested: 22ID-25-L850-SWD

Issue Date: 10/5/2021

Test Information

Test Method: LM-79-2019
Report Number: P571908
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-25-L850-SWD
Description: 2500 LUMEN, 2X2 INDEPTH TROFFER WITH 2IN DROPPED SWEEP LENS AND 5000K, 80 CRI LEDS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2699.0 lumens
Efficiency: N/A
Efficacy: 131.0 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

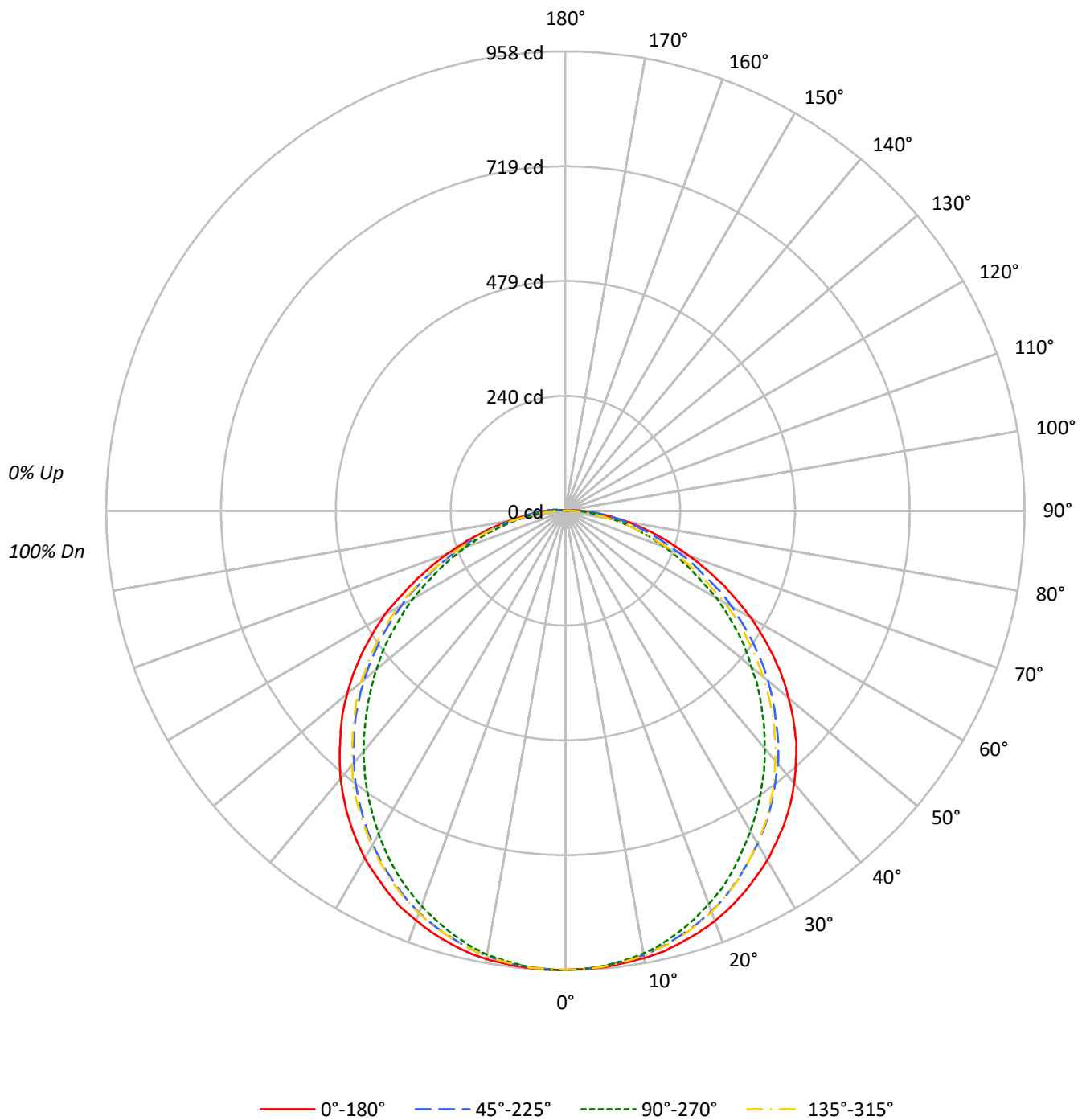
Input Watts (W): 20.6
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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CATALOG NUMBER: 22ID-25-L850-SWD

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
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°	2578	2578	2578	2578
5°	2562	2555	2566	2559
10°	2551	2526	2558	2533
15°	2541	2483	2545	2490
20°	2532	2427	2528	2439
25°	2515	2365	2508	2381
30°	2497	2290	2481	2310
35°	2473	2210	2443	2235
40°	2439	2125	2395	2151
45°	2392	2033	2330	2056
50°	2316	1927	2265	1957
55°	2223	1833	2172	1851
60°	2101	1715	2051	1728
65°	1948	1548	1861	1570
70°	1757	1404	1672	1413
75°	1569	1238	1451	1195
80°	1360	1033	1217	1005
85°	1085	830	1021	830

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2392 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.7	3.4
10°-20°	260.2	9.6
20°-30°	393.1	14.6
30°-40°	470.2	17.4
40°-50°	481.0	17.8
50°-60°	425.7	15.8
60°-70°	315.4	11.7
70°-80°	181.8	6.7
80°-90°	67.5	2.5
90°-100°	12.3	0.5
100°-110°	1.0	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°	744.0	27.6
0°-40°	1214.2	45.0
0°-60°	2120.9	78.6
0°-90°	2685.7	99.5
90°-120°	13.3	0.5
90°-150°	13.3	0.5
90°-180°	13.0	0.5
0°-180°	2699.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	958	958	958	958	958	
5°	955	953	957	954	955	91
15°	932	911	934	914	932	264
25°	880	828	877	833	880	406
35°	797	712	787	720	797	498
45°	681	579	663	585	681	524
55°	530	437	518	441	530	473
65°	361	287	344	291	361	356
75°	198	156	183	151	198	210
85°	69	52	65	52	69	69
90°	27	19	36	28	27	15
95°	4	3	19	16	4	3
105°	0	0	3	3	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: P571908

CATALOG NUMBER: 22ID-25-L850-SWD

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1
2.5°	956.8	958.1	956.8	956.8	956.8	956.8	955.4	955.4	956.8	956.8	956.8
5°	955.4	955.4	954.1	954.1	954.1	954.1	952.7	952.7	954.1	954.1	952.7
7.5°	951.4	951.4	951.4	950.0	948.7	950.0	948.7	948.7	948.7	948.7	947.4
10°	947.4	947.4	947.4	947.4	944.7	944.7	943.3	943.3	942.0	942.0	942.0
12.5°	942.0	942.0	940.6	939.3	937.9	937.9	936.6	935.2	933.9	932.5	931.2
15°	932.5	932.5	932.5	929.9	928.5	927.2	927.2	925.8	923.1	921.8	919.1
17.5°	923.1	923.1	921.8	919.1	917.7	916.4	915.1	913.7	911.0	908.3	905.6
20°	911.0	911.0	909.7	907.0	904.3	902.9	902.9	900.3	894.9	892.2	889.5
22.5°	896.2	897.6	896.2	893.5	890.8	888.1	888.1	882.8	878.7	876.0	872.0
25°	880.1	880.1	878.7	876.0	872.0	869.3	869.3	862.6	859.9	855.8	849.1
27.5°	861.2	861.2	859.9	857.2	854.5	850.5	849.1	842.4	838.4	834.3	826.2
30°	842.4	841.0	841.0	835.7	833.0	828.9	827.6	819.5	815.5	810.1	802.0
32.5°	819.5	819.5	819.5	812.8	810.1	806.1	804.7	796.6	791.3	784.5	776.5
35°	796.6	795.3	792.6	788.6	784.5	780.5	779.1	771.1	765.7	757.6	748.2
37.5°	771.1	768.4	767.0	763.0	759.0	752.2	752.2	744.2	737.4	729.4	718.6
40°	742.8	740.1	738.8	733.4	729.4	724.0	722.6	714.5	705.1	698.4	690.3
42.5°	711.9	709.2	706.5	705.1	698.4	693.0	691.7	682.3	672.8	666.1	658.0
45°	680.9	676.9	674.2	671.5	664.8	659.4	658.0	647.3	639.2	632.5	620.4
47.5°	644.6	641.9	637.8	632.5	629.8	623.0	623.0	612.3	604.2	596.1	588.1
50°	608.2	604.2	601.5	596.1	592.1	586.7	582.7	575.9	567.9	559.8	551.7
52.5°	570.6	566.5	565.2	561.1	554.4	549.0	545.0	539.6	530.2	522.1	515.4
55°	530.2	528.8	523.5	522.1	515.4	510.0	507.3	499.2	491.2	484.4	476.4
57.5°	488.5	484.4	484.4	480.4	475.0	468.3	468.3	458.9	452.1	445.4	437.3
60°	446.8	444.1	444.1	437.3	434.7	429.3	429.3	418.5	413.1	406.4	401.0
62.5°	402.4	405.0	398.3	398.3	392.9	388.9	387.6	380.8	374.1	368.7	363.3
65°	360.6	362.0	357.9	356.6	348.5	344.5	343.1	337.8	332.4	327.0	318.9
67.5°	316.2	317.6	316.2	313.5	309.5	305.5	304.1	298.7	294.7	289.3	286.6
70°	274.5	274.5	275.9	274.5	270.5	267.8	267.8	261.1	257.0	253.0	246.3
72.5°	235.5	238.2	236.8	236.8	232.8	230.1	230.1	224.7	222.0	218.0	212.6
75°	197.8	199.2	200.5	199.2	196.5	195.1	193.8	191.1	188.4	185.7	180.3
77.5°	162.8	164.2	164.2	164.2	162.8	162.8	160.1	157.4	156.1	154.8	150.7
80°	129.2	130.5	131.9	131.9	130.5	129.2	129.2	127.8	127.8	126.5	125.1
82.5°	96.9	99.6	100.9	102.3	102.3	103.6	102.3	100.9	100.9	99.6	98.2
85°	68.6	71.3	74.0	75.4	76.7	76.7	76.7	76.7	76.7	76.7	74.0
87.5°	45.8	48.4	51.1	52.5	53.8	53.8	53.8	53.8	53.8	53.8	52.5
90°	26.9	29.6	31.0	32.3	33.6	32.3	33.6	33.6	35.0	35.0	33.6
92.5°	13.5	14.8	14.8	16.1	16.1	16.1	16.1	16.1	16.1	17.5	16.1
95°	4.0	4.0	5.4	5.4	5.4	5.4	4.0	4.0	2.7	2.7	1.3
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

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CATALOG NUMBER: 22ID-25-L850-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

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CATALOG NUMBER: 22ID-25-L850-SWD

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1
2.5°	955.4	955.4	955.4	955.4	955.4	955.4	955.4	956.8	956.8	956.8	956.8
5°	952.7	952.7	951.4	952.7	952.7	951.4	952.7	952.7	952.7	952.7	954.1
7.5°	947.4	947.4	946.0	946.0	946.0	946.0	946.0	944.7	946.0	946.0	946.0
10°	939.3	939.3	937.9	937.9	937.9	937.9	936.6	936.6	937.9	937.9	937.9
12.5°	929.9	928.5	927.2	927.2	925.8	925.8	925.8	925.8	925.8	925.8	925.8
15°	917.7	916.4	915.1	913.7	913.7	913.7	911.0	912.4	911.0	911.0	912.4
17.5°	904.3	901.6	898.9	897.6	897.6	897.6	894.9	894.9	893.5	893.5	894.9
20°	885.4	884.1	880.1	878.7	878.7	877.4	874.7	874.7	874.7	873.3	876.0
22.5°	868.0	865.3	859.9	858.5	858.5	857.2	853.2	853.2	853.2	853.2	853.2
25°	845.1	842.4	838.4	834.3	834.3	833.0	828.9	828.9	827.6	827.6	828.9
27.5°	820.9	818.2	812.8	808.7	808.7	807.4	803.4	803.4	800.7	799.3	802.0
30°	795.3	792.6	787.2	783.2	781.8	780.5	776.5	776.5	772.4	772.4	775.1
32.5°	772.4	765.7	759.0	754.9	753.6	752.2	748.2	746.8	744.2	742.8	744.2
35°	744.2	734.7	730.7	725.3	724.0	722.6	718.6	714.5	713.2	711.9	713.2
37.5°	714.5	705.1	699.7	694.4	693.0	690.3	684.9	682.3	680.9	680.9	682.3
40°	679.6	674.2	667.5	660.7	659.4	658.0	652.6	651.3	648.6	647.3	650.0
42.5°	647.3	640.5	633.8	627.1	627.1	625.7	620.4	617.7	615.0	613.6	615.0
45°	612.3	605.6	598.8	593.4	592.1	588.1	585.4	582.7	580.0	578.6	580.0
47.5°	575.9	569.2	563.8	557.1	555.8	554.4	550.4	547.7	543.6	545.0	545.0
50°	541.0	534.2	527.5	522.1	519.4	515.4	515.4	512.7	507.3	506.0	508.7
52.5°	504.6	497.9	491.2	485.8	484.4	480.4	476.4	475.0	472.3	473.7	472.3
55°	468.3	460.2	453.5	449.5	446.8	444.1	441.4	438.7	434.7	437.3	437.3
57.5°	427.9	421.2	417.2	411.8	410.4	409.1	403.7	402.4	398.3	399.7	398.3
60°	391.6	384.9	380.8	375.4	374.1	370.1	367.4	366.0	362.0	364.7	362.0
62.5°	356.6	345.8	340.5	335.1	335.1	332.4	329.7	327.0	323.0	321.6	321.6
65°	316.2	309.5	305.5	300.1	300.1	297.4	294.7	292.0	288.0	286.6	289.3
67.5°	279.9	275.9	269.1	265.1	265.1	262.4	259.7	258.4	254.3	253.0	254.3
70°	246.3	242.2	235.5	231.5	231.5	230.1	226.1	224.7	220.7	219.3	218.0
72.5°	212.6	205.9	203.2	199.2	199.2	197.8	193.8	192.4	188.4	187.0	185.7
75°	179.0	176.3	170.9	168.2	169.6	165.5	164.2	161.5	157.4	156.1	156.1
77.5°	148.0	146.7	141.3	138.6	138.6	135.9	134.6	131.9	130.5	127.8	126.5
80°	121.1	119.8	114.4	111.7	111.7	109.0	106.3	105.0	100.9	98.2	98.2
82.5°	96.9	94.2	90.2	87.5	86.1	84.8	82.1	79.4	75.4	74.0	71.3
85°	72.7	71.3	67.3	65.9	63.2	63.2	60.6	57.9	53.8	52.5	51.1
87.5°	51.1	51.1	47.1	45.8	44.4	43.1	40.4	39.0	35.0	33.6	31.0
90°	32.3	32.3	29.6	28.3	26.9	25.6	24.2	22.9	20.2	18.8	16.1
92.5°	14.8	14.8	13.5	12.1	12.1	12.1	10.8	10.8	9.4	8.1	6.7
95°	1.3	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
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: P571908

CATALOG NUMBER: 22ID-25-L850-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: P571908

CATALOG NUMBER: 22ID-25-L850-SWD

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1
2.5°	956.8	956.8	955.4	956.8	955.4	955.4	956.8	956.8	956.8	956.8	956.8
5°	954.1	952.7	952.7	952.7	951.4	952.7	954.1	954.1	954.1	954.1	954.1
7.5°	946.0	946.0	946.0	946.0	946.0	946.0	947.4	947.4	948.7	948.7	950.0
10°	937.9	937.9	937.9	937.9	937.9	939.3	939.3	942.0	942.0	943.3	944.7
12.5°	925.8	925.8	925.8	927.2	927.2	928.5	929.9	931.2	932.5	935.2	935.2
15°	912.4	912.4	912.4	913.7	913.7	915.1	917.7	919.1	921.8	924.5	924.5
17.5°	896.2	896.2	894.9	897.6	897.6	898.9	902.9	904.3	907.0	909.7	911.0
20°	876.0	876.0	876.0	878.7	878.7	881.4	884.1	886.8	890.8	894.9	896.2
22.5°	854.5	854.5	857.2	858.5	858.5	862.6	865.3	869.3	872.0	876.0	878.7
25°	828.9	831.6	831.6	834.3	837.0	838.4	843.7	846.4	850.5	855.8	858.5
27.5°	804.7	806.1	808.7	808.7	811.4	812.8	819.5	820.9	826.2	833.0	835.7
30°	773.8	777.8	777.8	781.8	784.5	787.2	792.6	795.3	800.7	807.4	812.8
32.5°	745.5	749.5	752.2	752.2	756.3	759.0	765.7	768.4	775.1	780.5	787.2
35°	715.9	718.6	721.3	722.6	725.3	729.4	736.1	738.8	745.5	752.2	759.0
37.5°	682.3	687.6	690.3	690.3	693.0	695.7	703.8	707.8	714.5	721.3	728.0
40°	651.3	654.0	656.7	658.0	662.1	663.4	671.5	675.5	680.9	690.3	695.7
42.5°	616.3	619.0	623.0	623.0	624.4	632.5	636.5	640.5	647.3	656.7	664.8
45°	581.3	584.0	588.1	589.4	589.4	596.1	601.5	605.6	612.3	621.7	629.8
47.5°	545.0	547.7	551.7	551.7	553.1	559.8	565.2	569.2	575.9	585.4	592.1
50°	510.0	512.7	515.4	515.4	516.7	519.4	527.5	531.5	538.3	547.7	554.4
52.5°	473.7	475.0	479.1	479.1	479.1	484.4	489.8	493.9	500.6	510.0	514.0
55°	436.0	437.3	441.4	442.7	442.7	448.1	452.1	456.2	461.6	468.3	477.7
57.5°	397.0	401.0	403.7	403.7	406.4	409.1	414.5	415.8	425.2	429.3	436.0
60°	362.0	364.7	367.4	367.4	366.0	371.4	375.4	378.1	382.2	391.6	397.0
62.5°	323.0	324.3	327.0	327.0	328.3	331.0	333.7	339.1	340.5	345.8	356.6
65°	288.0	288.0	289.3	290.7	290.7	293.4	296.0	300.1	301.4	305.5	313.5
67.5°	251.6	253.0	254.3	254.3	254.3	255.7	258.4	262.4	263.8	266.4	273.2
70°	216.7	218.0	219.3	219.3	219.3	219.3	222.0	226.1	226.1	228.8	232.8
72.5°	184.4	184.4	185.7	185.7	185.7	185.7	185.7	189.7	188.4	192.4	195.1
75°	153.4	152.1	152.1	153.4	152.1	152.1	152.1	154.8	154.8	154.8	158.8
77.5°	122.5	122.5	121.1	119.8	119.8	119.8	119.8	121.1	122.5	123.8	123.8
80°	94.2	92.9	92.9	91.5	90.2	90.2	88.8	91.5	88.8	92.9	92.9
82.5°	68.6	67.3	65.9	64.6	64.6	63.2	61.9	63.2	63.2	63.2	65.9
85°	47.1	44.4	44.4	41.7	41.7	40.4	40.4	41.7	40.4	41.7	43.1
87.5°	28.3	26.9	25.6	22.9	22.9	22.9	21.5	22.9	22.9	24.2	25.6
90°	13.5	12.1	10.8	10.8	9.4	9.4	9.4	10.8	10.8	12.1	14.8
92.5°	5.4	4.0	4.0	2.7	2.7	2.7	4.0	5.4	6.7	8.1	9.4
95°	1.3	1.3	1.3	1.3	0.0	1.3	1.3	2.7	4.0	5.4	6.7
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3	2.7	2.7	4.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3	2.7
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
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: P571908

CATALOG NUMBER: 22ID-25-L850-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: P571908

CATALOG NUMBER: 22ID-25-L850-SWD

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1
2.5°	956.8	956.8	956.8	956.8	958.1	958.1	958.1	958.1	958.1	958.1	958.1
5°	954.1	955.4	955.4	955.4	955.4	956.8	956.8	956.8	956.8	956.8	955.4
7.5°	950.0	951.4	951.4	951.4	951.4	952.7	952.7	952.7	952.7	952.7	951.4
10°	944.7	944.7	946.0	947.4	947.4	948.7	948.7	950.0	948.7	948.7	947.4
12.5°	936.6	937.9	939.3	939.3	940.6	942.0	942.0	943.3	942.0	942.0	940.6
15°	927.2	928.5	929.9	931.2	932.5	932.5	933.9	933.9	932.5	932.5	931.2
17.5°	915.1	916.4	917.7	919.1	921.8	921.8	923.1	923.1	923.1	921.8	920.4
20°	898.9	901.6	904.3	905.6	907.0	909.7	909.7	909.7	909.7	909.7	908.3
22.5°	882.8	885.4	888.1	889.5	893.5	894.9	894.9	896.2	896.2	894.9	893.5
25°	862.6	866.6	869.3	870.6	874.7	876.0	877.4	877.4	876.0	876.0	873.3
27.5°	842.4	847.8	847.8	850.5	854.5	854.5	858.5	857.2	858.5	855.8	853.2
30°	818.2	823.5	824.9	827.6	830.3	833.0	837.0	837.0	838.4	834.3	831.6
32.5°	793.9	799.3	800.7	803.4	806.1	808.7	812.8	812.8	814.1	811.4	808.7
35°	763.0	772.4	773.8	776.5	780.5	783.2	787.2	787.2	788.6	787.2	781.8
37.5°	733.4	742.8	744.2	748.2	753.6	756.3	759.0	759.0	761.6	757.6	754.9
40°	705.1	711.9	713.2	717.2	724.0	724.0	729.4	729.4	728.0	728.0	724.0
42.5°	671.5	678.2	680.9	684.9	690.3	695.7	698.4	697.1	697.1	699.7	695.7
45°	636.5	644.6	645.9	650.0	655.3	660.7	664.8	663.4	663.4	664.8	659.4
47.5°	600.2	606.9	608.2	613.6	619.0	621.7	628.4	631.1	628.4	629.8	624.4
50°	559.8	569.2	571.9	575.9	582.7	585.4	592.1	594.8	592.1	590.7	586.7
52.5°	524.8	532.9	532.9	538.3	543.6	550.4	554.4	557.1	554.4	553.1	553.1
55°	484.4	492.5	493.9	496.6	503.3	510.0	514.0	518.1	515.4	516.7	514.0
57.5°	444.1	450.8	452.1	456.2	461.6	469.6	472.3	476.4	476.4	475.0	469.6
60°	403.7	410.4	411.8	415.8	419.8	425.2	432.0	436.0	433.3	434.7	427.9
62.5°	363.3	368.7	371.4	372.8	379.5	386.2	388.9	388.9	394.3	392.9	387.6
65°	318.9	324.3	325.7	328.3	333.7	340.5	344.5	344.5	347.2	347.2	341.8
67.5°	278.6	283.9	285.3	286.6	292.0	300.1	301.4	302.8	304.1	304.1	300.1
70°	238.2	243.6	244.9	247.6	250.3	258.4	259.7	261.1	265.1	263.8	259.7
72.5°	200.5	204.5	205.9	207.2	209.9	218.0	219.3	220.7	224.7	224.7	224.7
75°	162.8	166.9	168.2	168.2	172.2	179.0	181.7	183.0	185.7	187.0	187.0
77.5°	127.8	130.5	130.5	131.9	135.9	142.6	145.3	148.0	149.4	150.7	152.1
80°	95.5	98.2	99.6	100.9	103.6	109.0	111.7	115.7	117.1	118.4	119.8
82.5°	67.3	70.0	70.0	72.7	75.4	80.7	83.4	87.5	88.8	91.5	92.9
85°	44.4	48.4	49.8	49.8	53.8	57.9	61.9	64.6	67.3	68.6	71.3
87.5°	28.3	31.0	33.6	35.0	37.7	41.7	44.4	47.1	49.8	52.5	55.2
90°	17.5	20.2	21.5	24.2	26.9	29.6	32.3	36.3	37.7	40.4	43.1
92.5°	12.1	14.8	16.1	16.1	18.8	21.5	24.2	26.9	28.3	29.6	31.0
95°	8.1	10.8	10.8	12.1	13.5	16.1	17.5	18.8	20.2	20.2	20.2
97.5°	5.4	6.7	8.1	8.1	9.4	10.8	12.1	12.1	13.5	13.5	13.5
100°	2.7	4.0	4.0	5.4	5.4	6.7	8.1	8.1	8.1	8.1	8.1
102.5°	1.3	2.7	2.7	2.7	4.0	4.0	4.0	5.4	5.4	5.4	5.4
105°	0.0	1.3	1.3	1.3	1.3	2.7	2.7	2.7	2.7	2.7	2.7
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3	1.3	1.3	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: P571908

CATALOG NUMBER: 22ID-25-L850-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: P571908

CATALOG NUMBER: 22ID-25-L850-SWD

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1
2.5°	956.8	956.8	956.8	956.8	956.8	956.8	956.8	956.8	956.8	956.8	956.8
5°	955.4	954.1	954.1	954.1	954.1	954.1	954.1	954.1	954.1	954.1	954.1
7.5°	951.4	951.4	951.4	950.0	950.0	950.0	950.0	948.7	948.7	947.4	947.4
10°	947.4	946.0	946.0	944.7	944.7	944.7	943.3	943.3	942.0	940.6	940.6
12.5°	939.3	939.3	937.9	937.9	936.6	935.2	933.9	932.5	931.2	931.2	928.5
15°	929.9	928.5	928.5	925.8	925.8	924.5	921.8	920.4	919.1	917.7	915.1
17.5°	919.1	916.4	916.4	915.1	913.7	911.0	908.3	907.0	904.3	902.9	901.6
20°	905.6	904.3	904.3	900.3	897.6	894.9	892.2	889.5	888.1	884.1	881.4
22.5°	890.8	888.1	888.1	885.4	881.4	878.7	873.3	870.6	868.0	863.9	861.2
25°	870.6	868.0	868.0	863.9	859.9	857.2	851.8	847.8	843.7	839.7	839.7
27.5°	850.5	847.8	846.4	842.4	838.4	834.3	828.9	823.5	820.9	816.8	814.1
30°	827.6	824.9	824.9	819.5	815.5	810.1	803.4	798.0	792.6	789.9	787.2
32.5°	804.7	803.4	799.3	795.3	789.9	784.5	776.5	771.1	765.7	761.6	759.0
35°	779.1	777.8	773.8	769.7	763.0	756.3	748.2	742.8	737.4	733.4	729.4
37.5°	750.9	749.5	745.5	738.8	734.7	726.7	718.6	711.9	707.8	702.4	697.1
40°	721.3	718.6	714.5	709.2	703.8	695.7	686.3	680.9	675.5	670.1	664.8
42.5°	689.0	687.6	683.6	675.5	670.1	663.4	654.0	647.3	641.9	635.2	632.5
45°	655.3	655.3	651.3	644.6	636.5	628.4	620.4	613.6	606.9	601.5	596.1
47.5°	620.4	620.4	615.0	609.6	601.5	593.4	584.0	577.3	570.6	566.5	561.1
50°	584.0	582.7	580.0	570.6	565.2	557.1	547.7	542.3	535.6	530.2	524.8
52.5°	546.3	545.0	542.3	532.9	527.5	519.4	510.0	504.6	499.2	492.5	488.5
55°	507.3	506.0	500.6	497.9	488.5	481.7	472.3	468.3	460.2	454.8	450.8
57.5°	465.6	465.6	461.6	456.2	448.1	441.4	433.3	427.9	421.2	417.2	413.1
60°	425.2	425.2	422.5	415.8	409.1	402.4	394.3	390.2	383.5	380.8	376.8
62.5°	384.9	384.9	379.5	375.4	368.7	362.0	355.3	345.8	341.8	337.8	335.1
65°	339.1	339.1	333.7	332.4	325.7	318.9	313.5	310.8	305.5	301.4	297.4
67.5°	298.7	298.7	293.4	292.0	286.6	281.2	274.5	273.2	266.4	265.1	261.1
70°	258.4	259.7	255.7	251.6	247.6	243.6	238.2	234.1	230.1	228.8	226.1
72.5°	219.3	218.0	218.0	215.3	211.3	207.2	203.2	200.5	196.5	195.1	192.4
75°	183.0	181.7	180.3	180.3	176.3	172.2	169.6	168.2	164.2	161.5	160.1
77.5°	148.0	149.4	149.4	146.7	144.0	141.3	139.9	137.3	133.2	131.9	130.5
80°	117.1	118.4	118.4	115.7	114.4	111.7	109.0	109.0	105.0	105.0	103.6
82.5°	90.2	90.2	90.2	90.2	87.5	86.1	86.1	82.1	82.1	80.7	79.4
85°	70.0	70.0	70.0	71.3	70.0	68.6	68.6	65.9	64.6	63.2	61.9
87.5°	56.5	56.5	57.9	57.9	57.9	56.5	56.5	55.2	53.8	51.1	49.8
90°	43.1	44.4	44.4	45.8	45.8	45.8	44.4	43.1	41.7	40.4	39.0
92.5°	32.3	32.3	33.6	33.6	33.6	33.6	33.6	32.3	31.0	31.0	29.6
95°	20.2	21.5	21.5	21.5	22.9	22.9	22.9	22.9	21.5	20.2	20.2
97.5°	13.5	12.1	12.1	12.1	12.1	13.5	13.5	13.5	12.1	12.1	12.1
100°	8.1	6.7	6.7	5.4	5.4	5.4	5.4	5.4	5.4	5.4	6.7
102.5°	4.0	4.0	4.0	2.7	2.7	1.3	1.3	1.3	1.3	2.7	4.0
105°	1.3	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0	1.3	1.3
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: P571908

CATALOG NUMBER: 22ID-25-L850-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: P571908

CATALOG NUMBER: 22ID-25-L850-SWD

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1
2.5°	956.8	956.8	956.8	956.8	956.8	958.1	956.8	958.1	956.8	956.8	956.8
5°	954.1	954.1	954.1	954.1	954.1	954.1	954.1	954.1	954.1	954.1	952.7
7.5°	947.4	947.4	947.4	947.4	947.4	947.4	947.4	947.4	947.4	947.4	947.4
10°	940.6	940.6	940.6	939.3	940.6	940.6	939.3	940.6	939.3	940.6	940.6
12.5°	929.9	928.5	928.5	928.5	928.5	928.5	928.5	928.5	928.5	928.5	929.9
15°	916.4	916.4	915.1	915.1	913.7	913.7	913.7	913.7	915.1	915.1	916.4
17.5°	900.3	900.3	900.3	897.6	898.9	896.2	897.6	897.6	898.9	898.9	900.3
20°	881.4	880.1	880.1	878.7	877.4	877.4	878.7	878.7	881.4	881.4	882.8
22.5°	861.2	859.9	859.9	857.2	855.8	855.8	857.2	858.5	861.2	859.9	862.6
25°	837.0	835.7	835.7	831.6	834.3	833.0	831.6	834.3	835.7	835.7	838.4
27.5°	811.4	810.1	808.7	807.4	807.4	807.4	806.1	806.1	810.1	810.1	812.8
30°	784.5	783.2	781.8	780.5	779.1	779.1	777.8	779.1	781.8	784.5	785.9
32.5°	756.3	754.9	750.9	750.9	750.9	749.5	749.5	750.9	753.6	754.9	757.6
35°	725.3	724.0	721.3	718.6	719.9	719.9	718.6	721.3	724.0	728.0	728.0
37.5°	694.4	693.0	690.3	690.3	687.6	687.6	686.3	687.6	693.0	694.4	697.1
40°	660.7	660.7	658.0	655.3	655.3	655.3	654.0	655.3	658.0	664.8	664.8
42.5°	628.4	627.1	623.0	621.7	620.4	620.4	620.4	623.0	623.0	631.1	631.1
45°	593.4	592.1	588.1	586.7	586.7	585.4	585.4	588.1	589.4	596.1	596.1
47.5°	557.1	555.8	551.7	551.7	551.7	550.4	549.0	551.7	554.4	559.8	561.1
50°	522.1	519.4	516.7	515.4	514.0	514.0	512.7	516.7	519.4	524.8	523.5
52.5°	484.4	484.4	481.7	479.1	479.1	479.1	477.7	481.7	481.7	487.1	488.5
55°	448.1	445.4	444.1	442.7	441.4	441.4	441.4	444.1	444.1	450.8	450.8
57.5°	409.1	409.1	405.0	405.0	405.0	403.7	403.7	405.0	407.7	413.1	413.1
60°	372.8	372.8	367.4	368.7	367.4	367.4	367.4	368.7	370.1	375.4	375.4
62.5°	332.4	329.7	328.3	327.0	327.0	327.0	328.3	328.3	329.7	335.1	335.1
65°	296.0	293.4	292.0	292.0	290.7	290.7	290.7	292.0	293.4	297.4	297.4
67.5°	259.7	257.0	255.7	255.7	254.3	255.7	255.7	255.7	257.0	261.1	261.1
70°	224.7	223.4	219.3	220.7	219.3	220.7	220.7	219.3	220.7	224.7	224.7
72.5°	191.1	189.7	187.0	187.0	185.7	185.7	184.4	184.4	185.7	189.7	189.7
75°	158.8	156.1	154.8	154.8	153.4	150.7	153.4	152.1	152.1	156.1	156.1
77.5°	130.5	129.2	127.8	125.1	123.8	122.5	122.5	121.1	121.1	123.8	122.5
80°	102.3	99.6	98.2	98.2	96.9	95.5	94.2	92.9	92.9	94.2	94.2
82.5°	78.0	76.7	75.4	75.4	72.7	71.3	71.3	68.6	70.0	68.6	70.0
85°	61.9	59.2	57.9	56.5	55.2	52.5	52.5	49.8	49.8	48.4	48.4
87.5°	48.4	48.4	44.4	43.1	41.7	39.0	36.3	35.0	35.0	32.3	32.3
90°	37.7	37.7	35.0	33.6	31.0	28.3	26.9	24.2	22.9	21.5	20.2
92.5°	28.3	28.3	25.6	24.2	22.9	21.5	20.2	18.8	17.5	14.8	14.8
95°	20.2	18.8	17.5	17.5	16.1	16.1	14.8	13.5	12.1	10.8	10.8
97.5°	12.1	12.1	12.1	12.1	12.1	10.8	9.4	9.4	8.1	6.7	6.7
100°	6.7	6.7	6.7	8.1	6.7	6.7	6.7	5.4	5.4	4.0	4.0
102.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.7	2.7
105°	1.3	1.3	1.3	2.7	2.7	2.7	2.7	2.7	1.3	1.3	1.3
107.5°	0.0	0.0	0.0	1.3	1.3	1.3	1.3	1.3	1.3	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: P571908

CATALOG NUMBER: 22ID-25-L850-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: P571908

CATALOG NUMBER: 22ID-25-L850-SWD

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1	958.1
2.5°	956.8	956.8	956.8	956.8	956.8	956.8	956.8	956.8	956.8	956.8	958.1
5°	954.1	954.1	954.1	954.1	955.4	955.4	955.4	955.4	955.4	955.4	955.4
7.5°	947.4	947.4	948.7	948.7	950.0	950.0	950.0	951.4	951.4	951.4	951.4
10°	940.6	940.6	942.0	943.3	943.3	944.7	944.7	946.0	946.0	947.4	947.4
12.5°	929.9	929.9	932.5	933.9	933.9	935.2	936.6	937.9	937.9	939.3	939.3
15°	916.4	917.7	919.1	921.8	923.1	925.8	925.8	928.5	929.9	929.9	931.2
17.5°	900.3	902.9	905.6	907.0	909.7	912.4	913.7	916.4	919.1	919.1	920.4
20°	882.8	885.4	889.5	890.8	893.5	897.6	898.9	901.6	904.3	907.0	907.0
22.5°	863.9	866.6	869.3	873.3	876.0	880.1	882.8	886.8	890.8	890.8	893.5
25°	839.7	843.7	847.8	850.5	854.5	859.9	863.9	866.6	872.0	873.3	874.7
27.5°	814.1	818.2	823.5	826.2	831.6	837.0	842.4	847.8	851.8	853.2	855.8
30°	787.2	791.3	796.6	802.0	807.4	814.1	819.5	824.9	831.6	831.6	834.3
32.5°	760.3	765.7	771.1	775.1	780.5	788.6	795.3	800.7	806.1	808.7	811.4
35°	730.7	737.4	742.8	746.8	753.6	761.6	768.4	773.8	780.5	783.2	787.2
37.5°	698.4	703.8	711.9	717.2	726.7	730.7	738.8	744.2	753.6	756.3	759.0
40°	667.5	671.5	679.6	684.9	691.7	701.1	707.8	717.2	724.0	725.3	729.4
42.5°	632.5	640.5	645.9	651.3	658.0	667.5	674.2	683.6	693.0	694.4	698.4
45°	598.8	605.6	610.9	617.7	624.4	633.8	643.2	651.3	658.0	660.7	664.8
47.5°	562.5	570.6	575.9	584.0	592.1	598.8	608.2	616.3	623.0	624.4	629.8
50°	527.5	534.2	538.3	545.0	555.8	562.5	569.2	580.0	585.4	589.4	592.1
52.5°	491.2	495.2	501.9	511.4	518.1	526.2	531.5	541.0	547.7	550.4	555.8
55°	454.8	460.2	462.9	469.6	480.4	484.4	495.2	500.6	510.0	510.0	512.7
57.5°	414.5	421.2	425.2	434.7	441.4	446.8	453.5	461.6	468.3	469.6	473.7
60°	378.1	383.5	387.6	397.0	402.4	407.7	414.5	422.5	427.9	429.3	434.7
62.5°	339.1	341.8	345.8	356.6	359.3	366.0	375.4	380.8	387.6	388.9	391.6
65°	301.4	305.5	306.8	314.9	317.6	323.0	332.4	337.8	341.8	344.5	344.5
67.5°	263.8	266.4	270.5	277.2	278.6	283.9	292.0	297.4	301.4	304.1	304.1
70°	224.7	228.8	232.8	239.5	239.5	246.3	251.6	257.0	262.4	263.8	265.1
72.5°	189.7	193.8	196.5	201.9	203.2	208.6	214.0	219.3	223.4	224.7	227.4
75°	157.4	158.8	160.1	165.5	166.9	174.9	177.6	181.7	185.7	187.0	187.0
77.5°	125.1	126.5	127.8	131.9	134.6	138.6	141.3	145.3	149.4	148.0	153.4
80°	95.5	95.5	96.9	100.9	103.6	106.3	109.0	111.7	114.4	115.7	119.8
82.5°	70.0	68.6	68.6	72.7	74.0	74.0	78.0	80.7	83.4	86.1	84.8
85°	48.4	47.1	47.1	48.4	48.4	51.1	52.5	53.8	56.5	57.9	57.9
87.5°	31.0	29.6	28.3	29.6	28.3	29.6	31.0	32.3	33.6	35.0	36.3
90°	20.2	17.5	16.1	16.1	14.8	14.8	14.8	14.8	16.1	16.1	17.5
92.5°	13.5	12.1	10.8	9.4	8.1	6.7	5.4	5.4	6.7	6.7	6.7
95°	9.4	8.1	6.7	5.4	4.0	4.0	2.7	1.3	1.3	1.3	1.3
97.5°	6.7	5.4	4.0	4.0	2.7	1.3	1.3	0.0	0.0	0.0	0.0
100°	4.0	2.7	2.7	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	2.7	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	1.3	1.3	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: P571908

CATALOG NUMBER: 22ID-25-L850-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: P571908

CATALOG NUMBER: 22ID-25-L850-SWD

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	958.1	958.1	958.1	958.1
2.5°	956.8	956.8	958.1	956.8
5°	955.4	955.4	956.8	955.4
7.5°	951.4	951.4	951.4	951.4
10°	947.4	947.4	948.7	947.4
12.5°	940.6	942.0	942.0	942.0
15°	932.5	932.5	932.5	932.5
17.5°	920.4	921.8	924.5	923.1
20°	908.3	909.7	912.4	911.0
22.5°	894.9	896.2	897.6	896.2
25°	877.4	878.7	880.1	880.1
27.5°	858.5	862.6	862.6	861.2
30°	837.0	842.4	843.7	842.4
32.5°	814.1	819.5	820.9	819.5
35°	791.3	793.9	798.0	796.6
37.5°	761.6	767.0	771.1	771.1
40°	733.4	740.1	742.8	742.8
42.5°	705.1	707.8	711.9	711.9
45°	671.5	675.5	679.6	680.9
47.5°	635.2	640.5	643.2	644.6
50°	598.8	604.2	606.9	608.2
52.5°	562.5	565.2	569.2	570.6
55°	520.8	524.8	528.8	530.2
57.5°	479.1	484.4	487.1	488.5
60°	437.3	444.1	446.8	446.8
62.5°	397.0	401.0	403.7	402.4
65°	355.3	359.3	360.6	360.6
67.5°	309.5	314.9	316.2	316.2
70°	269.1	273.2	275.9	274.5
72.5°	230.1	234.1	235.5	235.5
75°	192.4	195.1	196.5	197.8
77.5°	154.8	158.8	160.1	162.8
80°	119.8	123.8	126.5	129.2
82.5°	88.8	91.5	95.5	96.9
85°	60.6	64.6	67.3	68.6
87.5°	37.7	40.4	43.1	45.8
90°	18.8	21.5	24.2	26.9
92.5°	8.1	9.4	10.8	13.5
95°	2.7	2.7	4.0	4.0
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: P571908

CATALOG NUMBER: 22ID-25-L850-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: P571908

CATALOG NUMBER: 22ID-25-L850-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	14.86	16.49	15.24	16.81	17.14	13.74	15.36	14.11	15.69	16.02
	3H	16.59	18.06	16.98	18.40	18.77	15.33	16.80	15.72	17.14	17.51
	4H	17.24	18.62	17.64	18.98	19.37	15.92	17.30	16.33	17.66	18.05
	6H	17.72	19.01	18.14	19.38	19.79	16.36	17.64	16.77	18.02	18.42
	8H	17.89	19.12	18.32	19.52	19.93	16.49	17.72	16.93	18.12	18.53
	12H	18.01	19.19	18.45	19.58	20.02	16.60	17.77	17.03	18.16	18.61
4H	2H	15.31	16.70	15.72	17.06	17.45	14.37	15.76	14.78	16.11	16.50
	3H	17.26	18.42	17.68	18.83	19.24	16.17	17.33	16.58	17.74	18.15
	4H	18.04	19.09	18.48	19.51	19.96	16.87	17.93	17.31	18.35	18.80
	6H	18.66	19.58	19.12	20.03	20.50	17.42	18.34	17.88	18.79	19.26
	8H	18.88	19.75	19.35	20.20	20.67	17.60	18.47	18.07	18.92	19.39
	12H	19.06	19.84	19.55	20.32	20.80	17.75	18.53	18.23	19.01	19.49
8H	4H	18.25	19.12	18.72	19.57	20.04	17.18	18.04	17.65	18.50	18.97
	6H	18.98	19.71	19.49	20.20	20.69	17.84	18.56	18.34	19.05	19.54
	8H	19.28	19.93	19.80	20.44	20.94	18.09	18.73	18.60	19.25	19.75
	12H	19.54	20.12	20.06	20.62	21.19	18.30	18.88	18.82	19.38	19.95
12H	4H	18.27	19.04	18.75	19.53	20.01	17.22	18.00	17.70	18.48	18.96
	6H	19.02	19.67	19.53	20.18	20.68	17.90	18.55	18.41	19.06	19.56
	8H	19.37	19.94	19.88	20.44	21.01	18.20	18.78	18.72	19.28	19.85