

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: P571900

Luminaire Tested: 22ID-25-L835-SWD

Issue Date: 10/5/2021

Test Information

Test Method: LM-79-2019
Report Number: P571900
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-L835-SWD
Description: 2500 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: 2540.0 lumens
Efficiency: N/A
Efficacy: 123.3 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

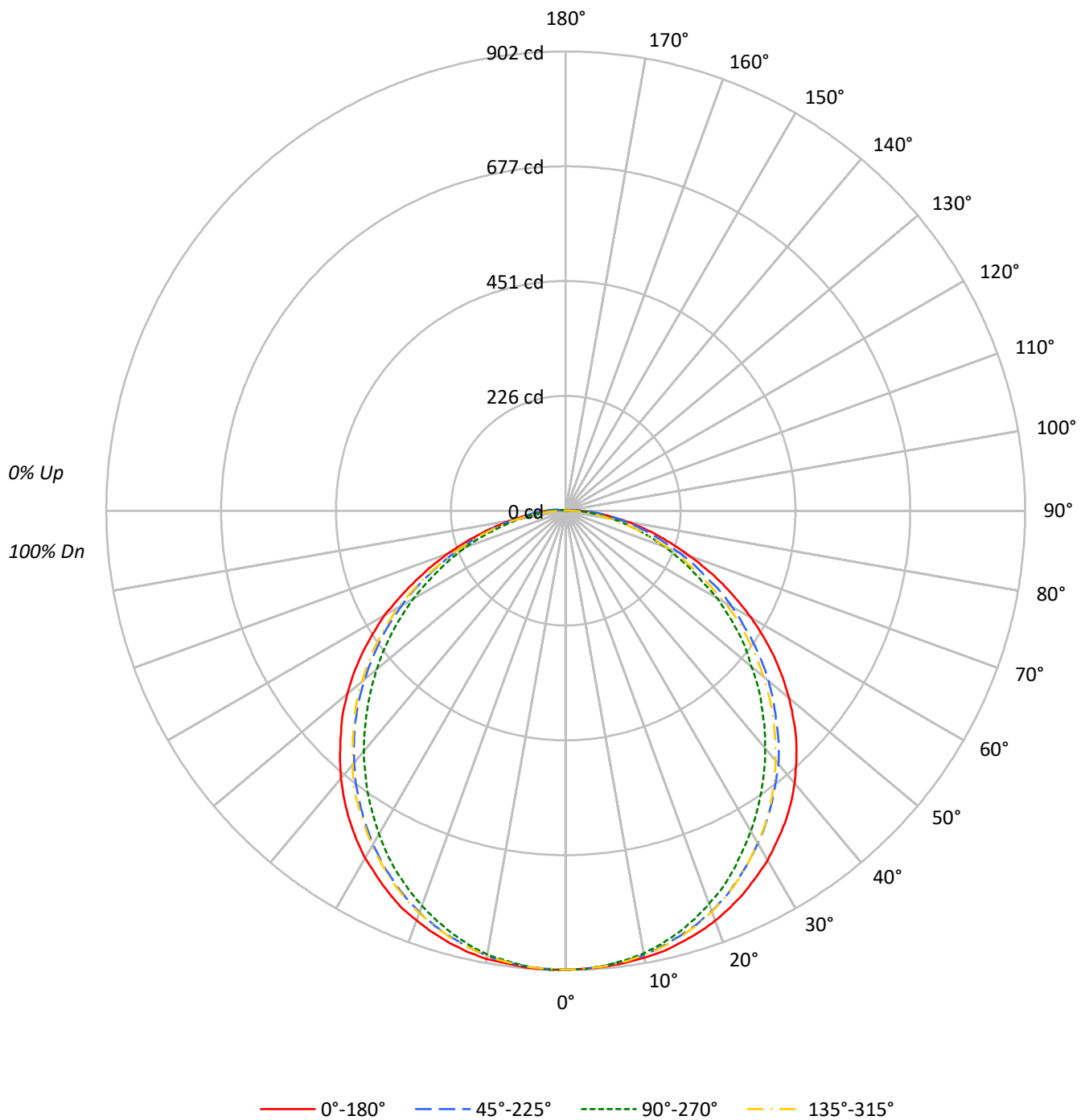
Input Watts (W): 20.6
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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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		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	108	104	99	95	106	101	97	94	97	94	91		93	90	88		83
2	99	90	83	78	96	88	82	77	85	79	75		81	77	73		69
3	90	79	71	65	87	78	70	64	75	68	63		72	66	62		58
4	82	70	62	55	80	69	61	54	66	59	54		64	58	53		50
5	76	63	54	47	74	62	53	47	60	52	46		57	51	46		43
6	70	57	48	41	68	56	47	41	54	46	41		52	45	40		38
7	65	51	43	36	63	51	42	36	49	41	36		47	41	36		33
8	60	47	38	32	59	46	38	32	45	37	32		43	37	32		30
9	56	43	35	29	55	42	35	29	41	34	29		40	34	29		27
10	53	40	32	27	52	39	32	26	38	31	26		37	31	26		24

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	2426	2426	2426	2426
5°	2411	2404	2415	2408
10°	2401	2377	2408	2384
15°	2392	2336	2395	2343
20°	2383	2284	2379	2295
25°	2367	2226	2360	2240
30°	2350	2155	2335	2174
35°	2327	2079	2299	2103
40°	2295	2000	2254	2025
45°	2251	1913	2193	1935
50°	2180	1813	2131	1842
55°	2092	1726	2044	1742
60°	1977	1614	1930	1626
65°	1833	1457	1751	1477
70°	1654	1321	1573	1330
75°	1477	1165	1366	1125
80°	1280	972	1146	946
85°	1021	781	961	781

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2251 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.4	3.4
10°-20°	244.9	9.6
20°-30°	370.0	14.6
30°-40°	442.5	17.4
40°-50°	452.7	17.8
50°-60°	400.6	15.8
60°-70°	296.8	11.7
70°-80°	171.1	6.7
80°-90°	63.6	2.5
90°-100°	11.6	0.5
100°-110°	0.9	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°	700.2	27.6
0°-40°	1142.7	45.0
0°-60°	1996.0	78.6
0°-90°	2527.4	99.5
90°-120°	12.6	0.5
90°-150°	12.6	0.5
90°-180°	13.0	0.5
0°-180°	2540.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	902	902	902	902	902	
5°	899	897	900	898	899	86
15°	878	857	879	860	878	248
25°	828	779	826	784	828	382
35°	750	670	741	678	750	469
45°	641	544	624	551	641	493
55°	499	412	488	415	499	445
65°	339	270	324	274	339	335
75°	186	147	172	142	186	198
85°	65	49	61	49	65	65
90°	25	18	34	27	25	15
95°	4	2	18	15	4	3
105°	0	0	2	2	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

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7
2.5°	900.4	901.7	900.4	900.4	900.4	900.4	899.1	899.1	900.4	900.4	900.4
5°	899.1	899.1	897.9	897.9	897.9	897.9	896.6	896.6	897.9	897.9	896.6
7.5°	895.3	895.3	895.3	894.1	892.8	894.1	892.8	892.8	892.8	892.8	891.5
10°	891.5	891.5	891.5	891.5	889.0	889.0	887.7	887.7	886.5	886.5	886.5
12.5°	886.5	886.5	885.2	883.9	882.7	882.7	881.4	880.1	878.9	877.6	876.3
15°	877.6	877.6	877.6	875.1	873.8	872.5	872.5	871.3	868.7	867.5	864.9
17.5°	868.7	868.7	867.5	864.9	863.7	862.4	861.1	859.9	857.3	854.8	852.3
20°	857.3	857.3	856.1	853.5	851.0	849.8	849.8	847.2	842.2	839.6	837.1
22.5°	843.4	844.7	843.4	840.9	838.4	835.8	835.8	830.8	827.0	824.4	820.6
25°	828.2	828.2	827.0	824.4	820.6	818.1	818.1	811.8	809.2	805.4	799.1
27.5°	810.5	810.5	809.2	806.7	804.2	800.4	799.1	792.8	789.0	785.2	777.6
30°	792.8	791.5	791.5	786.4	783.9	780.1	778.8	771.2	767.4	762.4	754.8
32.5°	771.2	771.2	771.2	764.9	762.4	758.6	757.3	749.7	744.6	738.3	730.7
35°	749.7	748.4	745.9	742.1	738.3	734.5	733.2	725.6	720.6	713.0	704.1
37.5°	725.6	723.1	721.8	718.0	714.2	707.9	707.9	700.3	694.0	686.4	676.3
40°	699.0	696.5	695.3	690.2	686.4	681.3	680.1	672.5	663.6	657.3	649.7
42.5°	669.9	667.4	664.9	663.6	657.3	652.2	650.9	642.1	633.2	626.9	619.3
45°	640.8	637.0	634.5	631.9	625.6	620.5	619.3	609.1	601.5	595.2	583.8
47.5°	606.6	604.1	600.3	595.2	592.7	586.3	586.3	576.2	568.6	561.0	553.4
50°	572.4	568.6	566.1	561.0	557.2	552.1	548.3	542.0	534.4	526.8	519.2
52.5°	537.0	533.2	531.9	528.1	521.8	516.7	512.9	507.8	499.0	491.4	485.0
55°	499.0	497.7	492.6	491.4	485.0	480.0	477.4	469.8	462.2	455.9	448.3
57.5°	459.7	455.9	455.9	452.1	447.0	440.7	440.7	431.8	425.5	419.2	411.6
60°	420.4	417.9	417.9	411.6	409.0	404.0	404.0	393.8	388.8	382.5	377.4
62.5°	378.7	381.2	374.9	374.9	369.8	366.0	364.7	358.4	352.1	347.0	341.9
65°	339.4	340.7	336.9	335.6	328.0	324.2	322.9	317.9	312.8	307.7	300.1
67.5°	297.6	298.9	297.6	295.1	291.3	287.5	286.2	281.1	277.3	272.3	269.7
70°	258.3	258.3	259.6	258.3	254.5	252.0	252.0	245.7	241.9	238.1	231.8
72.5°	221.6	224.2	222.9	222.9	219.1	216.6	216.6	211.5	209.0	205.2	200.1
75°	186.2	187.4	188.7	187.4	184.9	183.6	182.4	179.8	177.3	174.8	169.7
77.5°	153.2	154.5	154.5	154.5	153.2	153.2	150.7	148.2	146.9	145.6	141.8
80°	121.6	122.8	124.1	124.1	122.8	121.6	121.6	120.3	120.3	119.0	117.8
82.5°	91.2	93.7	95.0	96.2	96.2	97.5	96.2	95.0	95.0	93.7	92.4
85°	64.6	67.1	69.7	70.9	72.2	72.2	72.2	72.2	72.2	72.2	69.7
87.5°	43.1	45.6	48.1	49.4	50.7	50.7	50.7	50.7	50.7	50.7	49.4
90°	25.3	27.9	29.1	30.4	31.7	30.4	31.7	31.7	32.9	32.9	31.7
92.5°	12.7	13.9	13.9	15.2	15.2	15.2	15.2	15.2	15.2	16.5	15.2
95°	3.8	3.8	5.1	5.1	5.1	5.1	3.8	3.8	2.5	2.5	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-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

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CATALOG NUMBER: 22ID-25-L835-SWD

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7
2.5°	899.1	899.1	899.1	899.1	899.1	899.1	899.1	900.4	900.4	900.4	900.4
5°	896.6	896.6	895.3	896.6	896.6	895.3	896.6	896.6	896.6	896.6	897.9
7.5°	891.5	891.5	890.3	890.3	890.3	890.3	890.3	889.0	890.3	890.3	890.3
10°	883.9	883.9	882.7	882.7	882.7	882.7	881.4	881.4	882.7	882.7	882.7
12.5°	875.1	873.8	872.5	872.5	871.3	871.3	871.3	871.3	871.3	871.3	871.3
15°	863.7	862.4	861.1	859.9	859.9	859.9	857.3	858.6	857.3	857.3	858.6
17.5°	851.0	848.5	846.0	844.7	844.7	844.7	842.2	842.2	840.9	840.9	842.2
20°	833.3	832.0	828.2	827.0	827.0	825.7	823.2	823.2	823.2	821.9	824.4
22.5°	816.8	814.3	809.2	808.0	808.0	806.7	802.9	802.9	802.9	802.9	802.9
25°	795.3	792.8	789.0	785.2	785.2	783.9	780.1	780.1	778.8	778.8	780.1
27.5°	772.5	770.0	764.9	761.1	761.1	759.8	756.0	756.0	753.5	752.2	754.8
30°	748.4	745.9	740.8	737.0	735.8	734.5	730.7	730.7	726.9	726.9	729.4
32.5°	726.9	720.6	714.2	710.4	709.2	707.9	704.1	702.8	700.3	699.0	700.3
35°	700.3	691.5	687.7	682.6	681.3	680.1	676.3	672.5	671.2	669.9	671.2
37.5°	672.5	663.6	658.5	653.5	652.2	649.7	644.6	642.1	640.8	640.8	642.1
40°	639.5	634.5	628.1	621.8	620.5	619.3	614.2	612.9	610.4	609.1	611.7
42.5°	609.1	602.8	596.5	590.1	590.1	588.9	583.8	581.3	578.7	577.5	578.7
45°	576.2	569.9	563.5	558.5	557.2	553.4	550.9	548.3	545.8	544.5	545.8
47.5°	542.0	535.7	530.6	524.3	523.0	521.8	518.0	515.4	511.6	512.9	512.9
50°	509.1	502.8	496.4	491.4	488.8	485.0	485.0	482.5	477.4	476.2	478.7
52.5°	474.9	468.6	462.2	457.2	455.9	452.1	448.3	447.0	444.5	445.8	444.5
55°	440.7	433.1	426.8	423.0	420.4	417.9	415.4	412.8	409.0	411.6	411.6
57.5°	402.7	396.4	392.6	387.5	386.3	385.0	379.9	378.7	374.9	376.1	374.9
60°	368.5	362.2	358.4	353.3	352.1	348.3	345.7	344.5	340.7	343.2	340.7
62.5°	335.6	325.5	320.4	315.3	315.3	312.8	310.3	307.7	303.9	302.7	302.7
65°	297.6	291.3	287.5	282.4	282.4	279.9	277.3	274.8	271.0	269.7	272.3
67.5°	263.4	259.6	253.3	249.5	249.5	246.9	244.4	243.1	239.3	238.1	239.3
70°	231.8	228.0	221.6	217.8	217.8	216.6	212.8	211.5	207.7	206.4	205.2
72.5°	200.1	193.8	191.2	187.4	187.4	186.2	182.4	181.1	177.3	176.0	174.8
75°	168.4	165.9	160.8	158.3	159.6	155.8	154.5	152.0	148.2	146.9	146.9
77.5°	139.3	138.0	133.0	130.4	130.4	127.9	126.6	124.1	122.8	120.3	119.0
80°	114.0	112.7	107.6	105.1	105.1	102.6	100.0	98.8	95.0	92.4	92.4
82.5°	91.2	88.6	84.8	82.3	81.0	79.8	77.3	74.7	70.9	69.7	67.1
85°	68.4	67.1	63.3	62.1	59.5	59.5	57.0	54.5	50.7	49.4	48.1
87.5°	48.1	48.1	44.3	43.1	41.8	40.5	38.0	36.7	32.9	31.7	29.1
90°	30.4	30.4	27.9	26.6	25.3	24.1	22.8	21.5	19.0	17.7	15.2
92.5°	13.9	13.9	12.7	11.4	11.4	11.4	10.1	10.1	8.9	7.6	6.3
95°	1.3	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
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: P571900

CATALOG NUMBER: 22ID-25-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: P571900

CATALOG NUMBER: 22ID-25-L835-SWD

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7
2.5°	900.4	900.4	899.1	900.4	899.1	899.1	900.4	900.4	900.4	900.4	900.4
5°	897.9	896.6	896.6	896.6	895.3	896.6	897.9	897.9	897.9	897.9	897.9
7.5°	890.3	890.3	890.3	890.3	890.3	890.3	891.5	891.5	892.8	892.8	894.1
10°	882.7	882.7	882.7	882.7	882.7	883.9	883.9	886.5	886.5	887.7	889.0
12.5°	871.3	871.3	871.3	872.5	872.5	873.8	875.1	876.3	877.6	880.1	880.1
15°	858.6	858.6	858.6	859.9	859.9	861.1	863.7	864.9	867.5	870.0	870.0
17.5°	843.4	843.4	842.2	844.7	844.7	846.0	849.8	851.0	853.5	856.1	857.3
20°	824.4	824.4	824.4	827.0	827.0	829.5	832.0	834.6	838.4	842.2	843.4
22.5°	804.2	804.2	806.7	808.0	808.0	811.8	814.3	818.1	820.6	824.4	827.0
25°	780.1	782.6	782.6	785.2	787.7	789.0	794.0	796.6	800.4	805.4	808.0
27.5°	757.3	758.6	761.1	761.1	763.6	764.9	771.2	772.5	777.6	783.9	786.4
30°	728.2	732.0	732.0	735.8	738.3	740.8	745.9	748.4	753.5	759.8	764.9
32.5°	701.6	705.4	707.9	707.9	711.7	714.2	720.6	723.1	729.4	734.5	740.8
35°	673.7	676.3	678.8	680.1	682.6	686.4	692.7	695.3	701.6	707.9	714.2
37.5°	642.1	647.1	649.7	649.7	652.2	654.7	662.3	666.1	672.5	678.8	685.1
40°	612.9	615.5	618.0	619.3	623.1	624.3	631.9	635.7	640.8	649.7	654.7
42.5°	580.0	582.5	586.3	586.3	587.6	595.2	599.0	602.8	609.1	618.0	625.6
45°	547.1	549.6	553.4	554.7	554.7	561.0	566.1	569.9	576.2	585.1	592.7
47.5°	512.9	515.4	519.2	519.2	520.5	526.8	531.9	535.7	542.0	550.9	557.2
50°	480.0	482.5	485.0	485.0	486.3	488.8	496.4	500.2	506.6	515.4	521.8
52.5°	445.8	447.0	450.8	450.8	450.8	455.9	461.0	464.8	471.1	480.0	483.8
55°	410.3	411.6	415.4	416.6	416.6	421.7	425.5	429.3	434.4	440.7	449.6
57.5°	373.6	377.4	379.9	379.9	382.5	385.0	390.0	391.3	400.2	404.0	410.3
60°	340.7	343.2	345.7	345.7	344.5	349.5	353.3	355.9	359.7	368.5	373.6
62.5°	303.9	305.2	307.7	307.7	309.0	311.5	314.1	319.1	320.4	325.5	335.6
65°	271.0	271.0	272.3	273.5	273.5	276.1	278.6	282.4	283.7	287.5	295.1
67.5°	236.8	238.1	239.3	239.3	239.3	240.6	243.1	246.9	248.2	250.7	257.1
70°	203.9	205.2	206.4	206.4	206.4	206.4	209.0	212.8	212.8	215.3	219.1
72.5°	173.5	173.5	174.8	174.8	174.8	174.8	174.8	178.6	177.3	181.1	183.6
75°	144.4	143.1	143.1	144.4	143.1	143.1	143.1	145.6	145.6	145.6	149.4
77.5°	115.2	115.2	114.0	112.7	112.7	112.7	112.7	114.0	115.2	116.5	116.5
80°	88.6	87.4	87.4	86.1	84.8	84.8	83.6	86.1	83.6	87.4	87.4
82.5°	64.6	63.3	62.1	60.8	60.8	59.5	58.3	59.5	59.5	59.5	62.1
85°	44.3	41.8	41.8	39.3	39.3	38.0	38.0	39.3	38.0	39.3	40.5
87.5°	26.6	25.3	24.1	21.5	21.5	21.5	20.3	21.5	21.5	22.8	24.1
90°	12.7	11.4	10.1	10.1	8.9	8.9	8.9	10.1	10.1	11.4	13.9
92.5°	5.1	3.8	3.8	2.5	2.5	2.5	3.8	5.1	6.3	7.6	8.9
95°	1.3	1.3	1.3	1.3	0.0	1.3	1.3	2.5	3.8	5.1	6.3
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3	2.5	2.5	3.8
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3	2.5
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: P571900

CATALOG NUMBER: 22ID-25-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: P571900

CATALOG NUMBER: 22ID-25-L835-SWD

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7
2.5°	900.4	900.4	900.4	900.4	901.7	901.7	901.7	901.7	901.7	901.7	901.7
5°	897.9	899.1	899.1	899.1	899.1	900.4	900.4	900.4	900.4	900.4	899.1
7.5°	894.1	895.3	895.3	895.3	895.3	896.6	896.6	896.6	896.6	896.6	895.3
10°	889.0	889.0	890.3	891.5	891.5	892.8	892.8	894.1	892.8	892.8	891.5
12.5°	881.4	882.7	883.9	883.9	885.2	886.5	886.5	887.7	886.5	886.5	885.2
15°	872.5	873.8	875.1	876.3	877.6	877.6	878.9	878.9	877.6	877.6	876.3
17.5°	861.1	862.4	863.7	864.9	867.5	867.5	868.7	868.7	868.7	867.5	866.2
20°	846.0	848.5	851.0	852.3	853.5	856.1	856.1	856.1	856.1	856.1	854.8
22.5°	830.8	833.3	835.8	837.1	840.9	842.2	842.2	843.4	843.4	842.2	840.9
25°	811.8	815.6	818.1	819.4	823.2	824.4	825.7	825.7	824.4	824.4	821.9
27.5°	792.8	797.8	797.8	800.4	804.2	804.2	808.0	806.7	808.0	805.4	802.9
30°	770.0	775.0	776.3	778.8	781.4	783.9	787.7	787.7	789.0	785.2	782.6
32.5°	747.2	752.2	753.5	756.0	758.6	761.1	764.9	764.9	766.2	763.6	761.1
35°	718.0	726.9	728.2	730.7	734.5	737.0	740.8	740.8	742.1	740.8	735.8
37.5°	690.2	699.0	700.3	704.1	709.2	711.7	714.2	714.2	716.8	713.0	710.4
40°	663.6	669.9	671.2	675.0	681.3	681.3	686.4	686.4	685.1	685.1	681.3
42.5°	631.9	638.3	640.8	644.6	649.7	654.7	657.3	656.0	656.0	658.5	654.7
45°	599.0	606.6	607.9	611.7	616.7	621.8	625.6	624.3	624.3	625.6	620.5
47.5°	564.8	571.1	572.4	577.5	582.5	585.1	591.4	593.9	591.4	592.7	587.6
50°	526.8	535.7	538.2	542.0	548.3	550.9	557.2	559.7	557.2	555.9	552.1
52.5°	493.9	501.5	501.5	506.6	511.6	518.0	521.8	524.3	521.8	520.5	520.5
55°	455.9	463.5	464.8	467.3	473.6	480.0	483.8	487.6	485.0	486.3	483.8
57.5°	417.9	424.2	425.5	429.3	434.4	442.0	444.5	448.3	448.3	447.0	442.0
60°	379.9	386.3	387.5	391.3	395.1	400.2	406.5	410.3	407.8	409.0	402.7
62.5°	341.9	347.0	349.5	350.8	357.1	363.5	366.0	366.0	371.1	369.8	364.7
65°	300.1	305.2	306.5	309.0	314.1	320.4	324.2	324.2	326.7	326.7	321.7
67.5°	262.1	267.2	268.5	269.7	274.8	282.4	283.7	284.9	286.2	286.2	282.4
70°	224.2	229.2	230.5	233.0	235.5	243.1	244.4	245.7	249.5	248.2	244.4
72.5°	188.7	192.5	193.8	195.0	197.6	205.2	206.4	207.7	211.5	211.5	211.5
75°	153.2	157.0	158.3	158.3	162.1	168.4	171.0	172.2	174.8	176.0	176.0
77.5°	120.3	122.8	122.8	124.1	127.9	134.2	136.8	139.3	140.6	141.8	143.1
80°	89.9	92.4	93.7	95.0	97.5	102.6	105.1	108.9	110.2	111.4	112.7
82.5°	63.3	65.9	65.9	68.4	70.9	76.0	78.5	82.3	83.6	86.1	87.4
85°	41.8	45.6	46.9	46.9	50.7	54.5	58.3	60.8	63.3	64.6	67.1
87.5°	26.6	29.1	31.7	32.9	35.5	39.3	41.8	44.3	46.9	49.4	51.9
90°	16.5	19.0	20.3	22.8	25.3	27.9	30.4	34.2	35.5	38.0	40.5
92.5°	11.4	13.9	15.2	15.2	17.7	20.3	22.8	25.3	26.6	27.9	29.1
95°	7.6	10.1	10.1	11.4	12.7	15.2	16.5	17.7	19.0	19.0	19.0
97.5°	5.1	6.3	7.6	7.6	8.9	10.1	11.4	11.4	12.7	12.7	12.7
100°	2.5	3.8	3.8	5.1	5.1	6.3	7.6	7.6	7.6	7.6	7.6
102.5°	1.3	2.5	2.5	2.5	3.8	3.8	3.8	5.1	5.1	5.1	5.1
105°	0.0	1.3	1.3	1.3	1.3	2.5	2.5	2.5	2.5	2.5	2.5
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: P571900

CATALOG NUMBER: 22ID-25-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: P571900

CATALOG NUMBER: 22ID-25-L835-SWD

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7
2.5°	900.4	900.4	900.4	900.4	900.4	900.4	900.4	900.4	900.4	900.4	900.4
5°	899.1	897.9	897.9	897.9	897.9	897.9	897.9	897.9	897.9	897.9	897.9
7.5°	895.3	895.3	895.3	894.1	894.1	894.1	894.1	892.8	892.8	891.5	891.5
10°	891.5	890.3	890.3	889.0	889.0	889.0	887.7	887.7	886.5	885.2	885.2
12.5°	883.9	883.9	882.7	882.7	881.4	880.1	878.9	877.6	876.3	876.3	873.8
15°	875.1	873.8	873.8	871.3	871.3	870.0	867.5	866.2	864.9	863.7	861.1
17.5°	864.9	862.4	862.4	861.1	859.9	857.3	854.8	853.5	851.0	849.8	848.5
20°	852.3	851.0	851.0	847.2	844.7	842.2	839.6	837.1	835.8	832.0	829.5
22.5°	838.4	835.8	835.8	833.3	829.5	827.0	821.9	819.4	816.8	813.0	810.5
25°	819.4	816.8	816.8	813.0	809.2	806.7	801.6	797.8	794.0	790.2	790.2
27.5°	800.4	797.8	796.6	792.8	789.0	785.2	780.1	775.0	772.5	768.7	766.2
30°	778.8	776.3	776.3	771.2	767.4	762.4	756.0	751.0	745.9	743.4	740.8
32.5°	757.3	756.0	752.2	748.4	743.4	738.3	730.7	725.6	720.6	716.8	714.2
35°	733.2	732.0	728.2	724.4	718.0	711.7	704.1	699.0	694.0	690.2	686.4
37.5°	706.6	705.4	701.6	695.3	691.5	683.9	676.3	669.9	666.1	661.1	656.0
40°	678.8	676.3	672.5	667.4	662.3	654.7	645.9	640.8	635.7	630.7	625.6
42.5°	648.4	647.1	643.3	635.7	630.7	624.3	615.5	609.1	604.1	597.7	595.2
45°	616.7	616.7	612.9	606.6	599.0	591.4	583.8	577.5	571.1	566.1	561.0
47.5°	583.8	583.8	578.7	573.7	566.1	558.5	549.6	543.3	537.0	533.2	528.1
50°	549.6	548.3	545.8	537.0	531.9	524.3	515.4	510.4	504.0	499.0	493.9
52.5°	514.2	512.9	510.4	501.5	496.4	488.8	480.0	474.9	469.8	463.5	459.7
55°	477.4	476.2	471.1	468.6	459.7	453.4	444.5	440.7	433.1	428.0	424.2
57.5°	438.2	438.2	434.4	429.3	421.7	415.4	407.8	402.7	396.4	392.6	388.8
60°	400.2	400.2	397.6	391.3	385.0	378.7	371.1	367.3	360.9	358.4	354.6
62.5°	362.2	362.2	357.1	353.3	347.0	340.7	334.3	325.5	321.7	317.9	315.3
65°	319.1	319.1	314.1	312.8	306.5	300.1	295.1	292.5	287.5	283.7	279.9
67.5°	281.1	281.1	276.1	274.8	269.7	264.7	258.3	257.1	250.7	249.5	245.7
70°	243.1	244.4	240.6	236.8	233.0	229.2	224.2	220.4	216.6	215.3	212.8
72.5°	206.4	205.2	205.2	202.6	198.8	195.0	191.2	188.7	184.9	183.6	181.1
75°	172.2	171.0	169.7	169.7	165.9	162.1	159.6	158.3	154.5	152.0	150.7
77.5°	139.3	140.6	140.6	138.0	135.5	133.0	131.7	129.2	125.4	124.1	122.8
80°	110.2	111.4	111.4	108.9	107.6	105.1	102.6	102.6	98.8	98.8	97.5
82.5°	84.8	84.8	84.8	84.8	82.3	81.0	81.0	77.3	77.3	76.0	74.7
85°	65.9	65.9	65.9	67.1	65.9	64.6	64.6	62.1	60.8	59.5	58.3
87.5°	53.2	53.2	54.5	54.5	54.5	53.2	53.2	51.9	50.7	48.1	46.9
90°	40.5	41.8	41.8	43.1	43.1	43.1	41.8	40.5	39.3	38.0	36.7
92.5°	30.4	30.4	31.7	31.7	31.7	31.7	31.7	30.4	29.1	29.1	27.9
95°	19.0	20.3	20.3	20.3	21.5	21.5	21.5	21.5	20.3	19.0	19.0
97.5°	12.7	11.4	11.4	11.4	11.4	12.7	12.7	12.7	11.4	11.4	11.4
100°	7.6	6.3	6.3	5.1	5.1	5.1	5.1	5.1	5.1	5.1	6.3
102.5°	3.8	3.8	3.8	2.5	2.5	1.3	1.3	1.3	1.3	2.5	3.8
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: P571900

CATALOG NUMBER: 22ID-25-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: P571900

CATALOG NUMBER: 22ID-25-L835-SWD

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7
2.5°	900.4	900.4	900.4	900.4	900.4	901.7	900.4	901.7	900.4	900.4	900.4
5°	897.9	897.9	897.9	897.9	897.9	897.9	897.9	897.9	897.9	897.9	896.6
7.5°	891.5	891.5	891.5	891.5	891.5	891.5	891.5	891.5	891.5	891.5	891.5
10°	885.2	885.2	885.2	883.9	885.2	885.2	883.9	885.2	883.9	885.2	885.2
12.5°	875.1	873.8	873.8	873.8	873.8	873.8	873.8	873.8	873.8	873.8	875.1
15°	862.4	862.4	861.1	861.1	859.9	859.9	859.9	859.9	861.1	861.1	862.4
17.5°	847.2	847.2	847.2	844.7	846.0	843.4	844.7	844.7	846.0	846.0	847.2
20°	829.5	828.2	828.2	827.0	825.7	825.7	827.0	827.0	829.5	829.5	830.8
22.5°	810.5	809.2	809.2	806.7	805.4	805.4	806.7	808.0	810.5	809.2	811.8
25°	787.7	786.4	786.4	782.6	785.2	783.9	782.6	785.2	786.4	786.4	789.0
27.5°	763.6	762.4	761.1	759.8	759.8	759.8	758.6	758.6	762.4	762.4	764.9
30°	738.3	737.0	735.8	734.5	733.2	733.2	732.0	733.2	735.8	738.3	739.6
32.5°	711.7	710.4	706.6	706.6	706.6	705.4	705.4	706.6	709.2	710.4	713.0
35°	682.6	681.3	678.8	676.3	677.5	677.5	676.3	678.8	681.3	685.1	685.1
37.5°	653.5	652.2	649.7	649.7	647.1	647.1	645.9	647.1	652.2	653.5	656.0
40°	621.8	621.8	619.3	616.7	616.7	616.7	615.5	616.7	619.3	625.6	625.6
42.5°	591.4	590.1	586.3	585.1	583.8	583.8	583.8	586.3	586.3	593.9	593.9
45°	558.5	557.2	553.4	552.1	552.1	550.9	550.9	553.4	554.7	561.0	561.0
47.5°	524.3	523.0	519.2	519.2	519.2	518.0	516.7	519.2	521.8	526.8	528.1
50°	491.4	488.8	486.3	485.0	483.8	483.8	482.5	486.3	488.8	493.9	492.6
52.5°	455.9	455.9	453.4	450.8	450.8	450.8	449.6	453.4	453.4	458.4	459.7
55°	421.7	419.2	417.9	416.6	415.4	415.4	415.4	417.9	417.9	424.2	424.2
57.5°	385.0	385.0	381.2	381.2	381.2	379.9	379.9	381.2	383.7	388.8	388.8
60°	350.8	350.8	345.7	347.0	345.7	345.7	345.7	347.0	348.3	353.3	353.3
62.5°	312.8	310.3	309.0	307.7	307.7	307.7	309.0	309.0	310.3	315.3	315.3
65°	278.6	276.1	274.8	274.8	273.5	273.5	273.5	274.8	276.1	279.9	279.9
67.5°	244.4	241.9	240.6	240.6	239.3	240.6	240.6	240.6	241.9	245.7	245.7
70°	211.5	210.2	206.4	207.7	206.4	207.7	207.7	206.4	207.7	211.5	211.5
72.5°	179.8	178.6	176.0	176.0	174.8	174.8	173.5	173.5	174.8	178.6	178.6
75°	149.4	146.9	145.6	145.6	144.4	141.8	144.4	143.1	143.1	146.9	146.9
77.5°	122.8	121.6	120.3	117.8	116.5	115.2	115.2	114.0	114.0	116.5	115.2
80°	96.2	93.7	92.4	92.4	91.2	89.9	88.6	87.4	87.4	88.6	88.6
82.5°	73.5	72.2	70.9	70.9	68.4	67.1	67.1	64.6	65.9	64.6	65.9
85°	58.3	55.7	54.5	53.2	51.9	49.4	49.4	46.9	46.9	45.6	45.6
87.5°	45.6	45.6	41.8	40.5	39.3	36.7	34.2	32.9	32.9	30.4	30.4
90°	35.5	35.5	32.9	31.7	29.1	26.6	25.3	22.8	21.5	20.3	19.0
92.5°	26.6	26.6	24.1	22.8	21.5	20.3	19.0	17.7	16.5	13.9	13.9
95°	19.0	17.7	16.5	16.5	15.2	15.2	13.9	12.7	11.4	10.1	10.1
97.5°	11.4	11.4	11.4	11.4	11.4	10.1	8.9	8.9	7.6	6.3	6.3
100°	6.3	6.3	6.3	7.6	6.3	6.3	6.3	5.1	5.1	3.8	3.8
102.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	2.5	2.5
105°	1.3	1.3	1.3	2.5	2.5	2.5	2.5	2.5	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: P571900

CATALOG NUMBER: 22ID-25-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: P571900

CATALOG NUMBER: 22ID-25-L835-SWD

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7	901.7
2.5°	900.4	900.4	900.4	900.4	900.4	900.4	900.4	900.4	900.4	900.4	901.7
5°	897.9	897.9	897.9	897.9	899.1	899.1	899.1	899.1	899.1	899.1	899.1
7.5°	891.5	891.5	892.8	892.8	894.1	894.1	894.1	895.3	895.3	895.3	895.3
10°	885.2	885.2	886.5	887.7	887.7	889.0	889.0	890.3	890.3	891.5	891.5
12.5°	875.1	875.1	877.6	878.9	878.9	880.1	881.4	882.7	882.7	883.9	883.9
15°	862.4	863.7	864.9	867.5	868.7	871.3	871.3	873.8	875.1	875.1	876.3
17.5°	847.2	849.8	852.3	853.5	856.1	858.6	859.9	862.4	864.9	864.9	866.2
20°	830.8	833.3	837.1	838.4	840.9	844.7	846.0	848.5	851.0	853.5	853.5
22.5°	813.0	815.6	818.1	821.9	824.4	828.2	830.8	834.6	838.4	838.4	840.9
25°	790.2	794.0	797.8	800.4	804.2	809.2	813.0	815.6	820.6	821.9	823.2
27.5°	766.2	770.0	775.0	777.6	782.6	787.7	792.8	797.8	801.6	802.9	805.4
30°	740.8	744.6	749.7	754.8	759.8	766.2	771.2	776.3	782.6	782.6	785.2
32.5°	715.5	720.6	725.6	729.4	734.5	742.1	748.4	753.5	758.6	761.1	763.6
35°	687.7	694.0	699.0	702.8	709.2	716.8	723.1	728.2	734.5	737.0	740.8
37.5°	657.3	662.3	669.9	675.0	683.9	687.7	695.3	700.3	709.2	711.7	714.2
40°	628.1	631.9	639.5	644.6	650.9	659.8	666.1	675.0	681.3	682.6	686.4
42.5°	595.2	602.8	607.9	612.9	619.3	628.1	634.5	643.3	652.2	653.5	657.3
45°	563.5	569.9	574.9	581.3	587.6	596.5	605.3	612.9	619.3	621.8	625.6
47.5°	529.4	537.0	542.0	549.6	557.2	563.5	572.4	580.0	586.3	587.6	592.7
50°	496.4	502.8	506.6	512.9	523.0	529.4	535.7	545.8	550.9	554.7	557.2
52.5°	462.2	466.0	472.4	481.2	487.6	495.2	500.2	509.1	515.4	518.0	523.0
55°	428.0	433.1	435.6	442.0	452.1	455.9	466.0	471.1	480.0	480.0	482.5
57.5°	390.0	396.4	400.2	409.0	415.4	420.4	426.8	434.4	440.7	442.0	445.8
60°	355.9	360.9	364.7	373.6	378.7	383.7	390.0	397.6	402.7	404.0	409.0
62.5°	319.1	321.7	325.5	335.6	338.1	344.5	353.3	358.4	364.7	366.0	368.5
65°	283.7	287.5	288.7	296.3	298.9	303.9	312.8	317.9	321.7	324.2	324.2
67.5°	248.2	250.7	254.5	260.9	262.1	267.2	274.8	279.9	283.7	286.2	286.2
70°	211.5	215.3	219.1	225.4	225.4	231.8	236.8	241.9	246.9	248.2	249.5
72.5°	178.6	182.4	184.9	190.0	191.2	196.3	201.4	206.4	210.2	211.5	214.0
75°	148.2	149.4	150.7	155.8	157.0	164.6	167.2	171.0	174.8	176.0	176.0
77.5°	117.8	119.0	120.3	124.1	126.6	130.4	133.0	136.8	140.6	139.3	144.4
80°	89.9	89.9	91.2	95.0	97.5	100.0	102.6	105.1	107.6	108.9	112.7
82.5°	65.9	64.6	64.6	68.4	69.7	69.7	73.5	76.0	78.5	81.0	79.8
85°	45.6	44.3	44.3	45.6	45.6	48.1	49.4	50.7	53.2	54.5	54.5
87.5°	29.1	27.9	26.6	27.9	26.6	27.9	29.1	30.4	31.7	32.9	34.2
90°	19.0	16.5	15.2	15.2	13.9	13.9	13.9	13.9	15.2	15.2	16.5
92.5°	12.7	11.4	10.1	8.9	7.6	6.3	5.1	5.1	6.3	6.3	6.3
95°	8.9	7.6	6.3	5.1	3.8	3.8	2.5	1.3	1.3	1.3	1.3
97.5°	6.3	5.1	3.8	3.8	2.5	1.3	1.3	0.0	0.0	0.0	0.0
100°	3.8	2.5	2.5	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	2.5	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: P571900

CATALOG NUMBER: 22ID-25-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: P571900

CATALOG NUMBER: 22ID-25-L835-SWD

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	901.7	901.7	901.7	901.7
2.5°	900.4	900.4	901.7	900.4
5°	899.1	899.1	900.4	899.1
7.5°	895.3	895.3	895.3	895.3
10°	891.5	891.5	892.8	891.5
12.5°	885.2	886.5	886.5	886.5
15°	877.6	877.6	877.6	877.6
17.5°	866.2	867.5	870.0	868.7
20°	854.8	856.1	858.6	857.3
22.5°	842.2	843.4	844.7	843.4
25°	825.7	827.0	828.2	828.2
27.5°	808.0	811.8	811.8	810.5
30°	787.7	792.8	794.0	792.8
32.5°	766.2	771.2	772.5	771.2
35°	744.6	747.2	751.0	749.7
37.5°	716.8	721.8	725.6	725.6
40°	690.2	696.5	699.0	699.0
42.5°	663.6	666.1	669.9	669.9
45°	631.9	635.7	639.5	640.8
47.5°	597.7	602.8	605.3	606.6
50°	563.5	568.6	571.1	572.4
52.5°	529.4	531.9	535.7	537.0
55°	490.1	493.9	497.7	499.0
57.5°	450.8	455.9	458.4	459.7
60°	411.6	417.9	420.4	420.4
62.5°	373.6	377.4	379.9	378.7
65°	334.3	338.1	339.4	339.4
67.5°	291.3	296.3	297.6	297.6
70°	253.3	257.1	259.6	258.3
72.5°	216.6	220.4	221.6	221.6
75°	181.1	183.6	184.9	186.2
77.5°	145.6	149.4	150.7	153.2
80°	112.7	116.5	119.0	121.6
82.5°	83.6	86.1	89.9	91.2
85°	57.0	60.8	63.3	64.6
87.5°	35.5	38.0	40.5	43.1
90°	17.7	20.3	22.8	25.3
92.5°	7.6	8.9	10.1	12.7
95°	2.5	2.5	3.8	3.8
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: P571900

CATALOG NUMBER: 22ID-25-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: P571900
CATALOG NUMBER: 22ID-25-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	14.65	16.28	15.03	16.60	16.93	13.53	15.15	13.90	15.48	15.80
	3H	16.38	17.85	16.77	18.19	18.56	15.12	16.59	15.51	16.93	17.30
	4H	17.03	18.41	17.43	18.77	19.16	15.71	17.09	16.11	17.45	17.84
	6H	17.51	18.80	17.93	19.17	19.58	16.14	17.43	16.56	17.80	18.21
	8H	17.68	18.91	18.11	19.31	19.72	16.28	17.51	16.72	17.91	18.32
	12H	17.80	18.98	18.24	19.37	19.81	16.39	17.56	16.82	17.95	18.39
4H	2H	15.10	16.49	15.51	16.85	17.23	14.16	15.54	14.57	15.90	16.29
	3H	17.05	18.21	17.47	18.62	19.03	15.96	17.12	16.37	17.53	17.94
	4H	17.83	18.88	18.26	19.30	19.75	16.66	17.71	17.10	18.14	18.58
	6H	18.45	19.37	18.91	19.82	20.29	17.21	18.13	17.67	18.58	19.05
	8H	18.67	19.53	19.14	19.99	20.46	17.39	18.26	17.86	18.71	19.18
	12H	18.85	19.63	19.33	20.11	20.59	17.54	18.31	18.02	18.80	19.28
8H	4H	18.04	18.90	18.51	19.36	19.83	16.97	17.83	17.44	18.28	18.76
	6H	18.77	19.50	19.27	19.99	20.48	17.62	18.35	18.13	18.84	19.33
	8H	19.07	19.72	19.59	20.23	20.73	17.87	18.52	18.39	19.04	19.53
	12H	19.33	19.91	19.84	20.41	20.98	18.09	18.67	18.60	19.17	19.74
12H	4H	18.05	18.83	18.54	19.32	19.80	17.01	17.78	17.49	18.27	18.75
	6H	18.81	19.46	19.32	19.97	20.47	17.68	18.34	18.20	18.85	19.35
	8H	19.16	19.73	19.67	20.23	20.80	17.99	18.57	18.51	19.07	19.64