

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: P571884

Luminaire Tested: 22ID-20-L835-SWD

Issue Date: 10/5/2021

Test Information

Test Method: LM-79-2019
Report Number: P571884
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-20-L835-SWD
Description: 2000 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: 1992.0 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

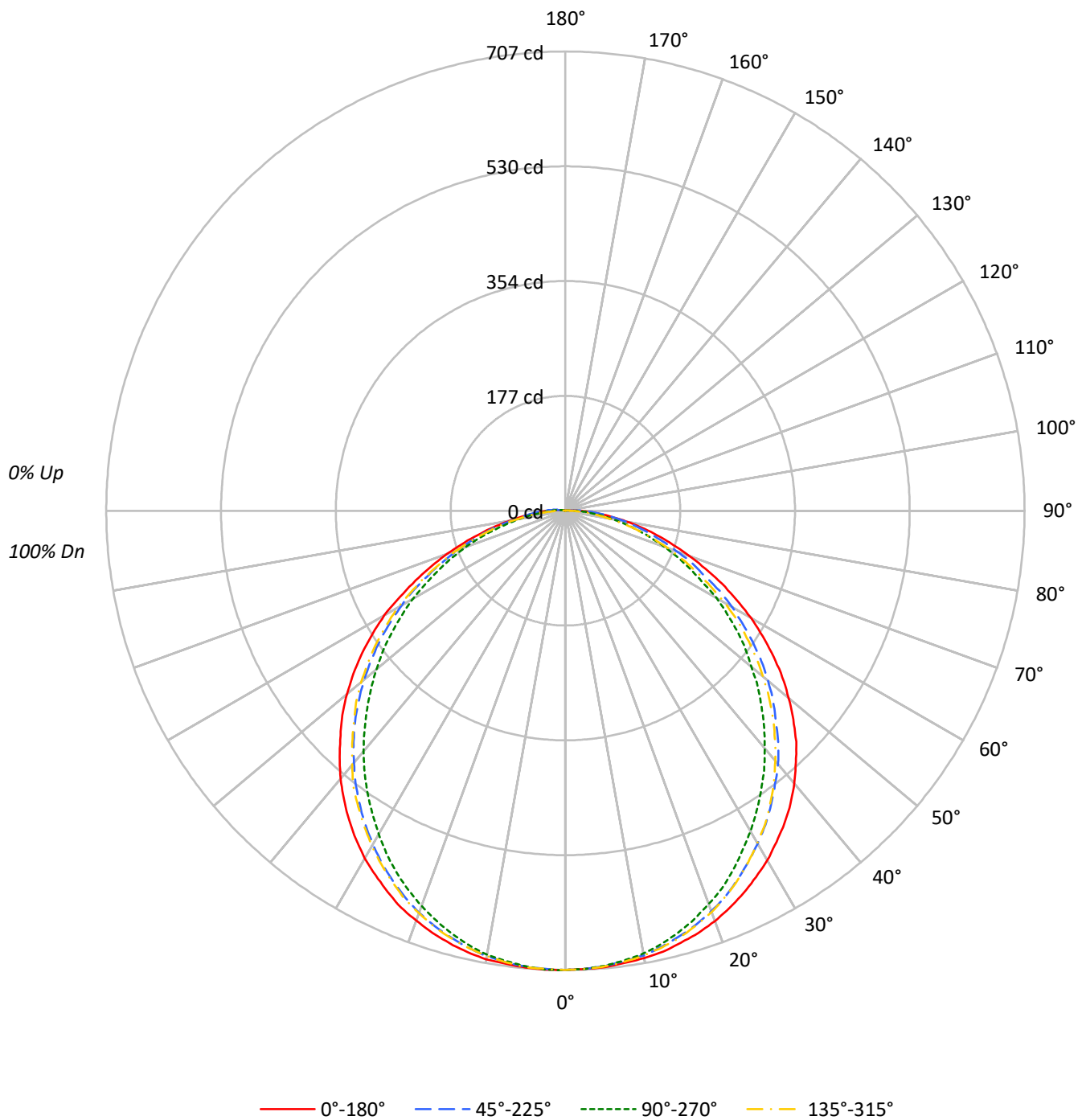
Input Watts (W): 16.3
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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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				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102
1	108	104	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85
2	99	90	83	78	96	88	82	77	85	79	75	81	77	73	78	75	71
3	90	79	71	65	87	78	70	64	75	68	63	72	66	62	69	65	60
4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	62	56	52
5	76	63	54	47	74	62	53	47	60	52	46	57	51	46	56	50	45
6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	50	44	40
7	65	51	43	36	63	51	42	36	49	41	36	47	41	36	46	40	35
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	32
9	56	43	35	29	55	42	35	29	41	34	29	40	34	29	39	33	29
10	53	40	32	27	52	39	32	26	38	31	26	37	31	26	36	30	26

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	1903	1903	1903	1903
5°	1891	1886	1894	1888
10°	1883	1864	1888	1869
15°	1876	1832	1878	1838
20°	1869	1792	1866	1800
25°	1856	1746	1851	1757
30°	1843	1690	1832	1705
35°	1825	1631	1803	1649
40°	1800	1568	1767	1588
45°	1765	1500	1720	1518
50°	1709	1422	1672	1445
55°	1641	1353	1603	1366
60°	1551	1266	1513	1275
65°	1438	1142	1374	1159
70°	1297	1036	1234	1043
75°	1158	914	1071	882
80°	1003	763	899	742
85°	802	612	754	612

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1765 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.9	3.4
10°-20°	192.0	9.6
20°-30°	290.1	14.6
30°-40°	347.0	17.4
40°-50°	355.0	17.8
50°-60°	314.2	15.8
60°-70°	232.8	11.7
70°-80°	134.2	6.7
80°-90°	49.8	2.5
90°-100°	9.1	0.5
100°-110°	0.7	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°	549.1	27.6
0°-40°	896.1	45.0
0°-60°	1565.3	78.6
0°-90°	1982.1	99.5
90°-120°	9.9	0.5
90°-150°	9.9	0.5
90°-180°	10.0	0.5
0°-180°	1992.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	707	707	707	707	707	
5°	705	703	706	704	705	67
15°	688	672	689	674	688	195
25°	650	611	648	615	650	299
35°	588	525	581	531	588	368
45°	502	427	490	432	502	387
55°	391	323	382	326	391	349
65°	266	212	254	214	266	263
75°	146	115	135	111	146	155
85°	51	39	48	39	51	51
90°	20	14	27	21	20	11
95°	3	2	14	12	3	2
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°	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1
2.5°	706.1	707.1	706.1	706.1	706.1	706.1	705.2	705.2	706.1	706.1	706.1
5°	705.2	705.2	704.2	704.2	704.2	704.2	703.2	703.2	704.2	704.2	703.2
7.5°	702.2	702.2	702.2	701.2	700.2	701.2	700.2	700.2	700.2	700.2	699.2
10°	699.2	699.2	699.2	699.2	697.2	697.2	696.2	696.2	695.2	695.2	695.2
12.5°	695.2	695.2	694.2	693.2	692.2	692.2	691.2	690.3	689.3	688.3	687.3
15°	688.3	688.3	688.3	686.3	685.3	684.3	684.3	683.3	681.3	680.3	678.3
17.5°	681.3	681.3	680.3	678.3	677.3	676.4	675.4	674.4	672.4	670.4	668.4
20°	672.4	672.4	671.4	669.4	667.4	666.4	666.4	664.4	660.5	658.5	656.5
22.5°	661.5	662.4	661.5	659.5	657.5	655.5	655.5	651.5	648.5	646.6	643.6
25°	649.5	649.5	648.5	646.6	643.6	641.6	641.6	636.6	634.6	631.7	626.7
27.5°	635.6	635.6	634.6	632.7	630.7	627.7	626.7	621.7	618.7	615.8	609.8
30°	621.7	620.7	620.7	616.8	614.8	611.8	610.8	604.8	601.9	597.9	591.9
32.5°	604.8	604.8	604.8	599.9	597.9	594.9	593.9	588.0	584.0	579.0	573.1
35°	588.0	587.0	585.0	582.0	579.0	576.0	575.0	569.1	565.1	559.2	552.2
37.5°	569.1	567.1	566.1	563.1	560.1	555.2	555.2	549.2	544.3	538.3	530.4
40°	548.2	546.2	545.3	541.3	538.3	534.3	533.3	527.4	520.4	515.5	509.5
42.5°	525.4	523.4	521.4	520.4	515.5	511.5	510.5	503.5	496.6	491.6	485.7
45°	502.5	499.6	497.6	495.6	490.6	486.7	485.7	477.7	471.8	466.8	457.9
47.5°	475.7	473.7	470.8	466.8	464.8	459.8	459.8	451.9	445.9	440.0	434.0
50°	448.9	445.9	443.9	440.0	437.0	433.0	430.0	425.1	419.1	413.2	407.2
52.5°	421.1	418.1	417.1	414.2	409.2	405.2	402.2	398.3	391.3	385.4	380.4
55°	391.3	390.3	386.3	385.4	380.4	376.4	374.4	368.5	362.5	357.5	351.6
57.5°	360.5	357.5	357.5	354.6	350.6	345.6	345.6	338.7	333.7	328.7	322.8
60°	329.7	327.7	327.7	322.8	320.8	316.8	316.8	308.9	304.9	299.9	296.0
62.5°	297.0	298.9	294.0	294.0	290.0	287.0	286.0	281.1	276.1	272.1	268.2
65°	266.2	267.2	264.2	263.2	257.2	254.3	253.3	249.3	245.3	241.3	235.4
67.5°	233.4	234.4	233.4	231.4	228.4	225.5	224.5	220.5	217.5	213.5	211.5
70°	202.6	202.6	203.6	202.6	199.6	197.6	197.6	192.7	189.7	186.7	181.8
72.5°	173.8	175.8	174.8	174.8	171.8	169.8	169.8	165.9	163.9	160.9	156.9
75°	146.0	147.0	148.0	147.0	145.0	144.0	143.0	141.0	139.0	137.1	133.1
77.5°	120.2	121.2	121.2	121.2	120.2	120.2	118.2	116.2	115.2	114.2	111.2
80°	95.3	96.3	97.3	97.3	96.3	95.3	95.3	94.4	94.4	93.4	92.4
82.5°	71.5	73.5	74.5	75.5	75.5	76.5	75.5	74.5	74.5	73.5	72.5
85°	50.7	52.6	54.6	55.6	56.6	56.6	56.6	56.6	56.6	56.6	54.6
87.5°	33.8	35.8	37.7	38.7	39.7	39.7	39.7	39.7	39.7	39.7	38.7
90°	19.9	21.8	22.8	23.8	24.8	23.8	24.8	24.8	25.8	25.8	24.8
92.5°	9.9	10.9	10.9	11.9	11.9	11.9	11.9	11.9	11.9	12.9	11.9
95°	3.0	3.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0	2.0	1.0
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

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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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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1
2.5°	705.2	705.2	705.2	705.2	705.2	705.2	705.2	706.1	706.1	706.1	706.1
5°	703.2	703.2	702.2	703.2	703.2	702.2	703.2	703.2	703.2	703.2	704.2
7.5°	699.2	699.2	698.2	698.2	698.2	698.2	698.2	697.2	698.2	698.2	698.2
10°	693.2	693.2	692.2	692.2	692.2	692.2	691.2	691.2	692.2	692.2	692.2
12.5°	686.3	685.3	684.3	684.3	683.3	683.3	683.3	683.3	683.3	683.3	683.3
15°	677.3	676.4	675.4	674.4	674.4	674.4	672.4	673.4	672.4	672.4	673.4
17.5°	667.4	665.4	663.4	662.4	662.4	662.4	660.5	660.5	659.5	659.5	660.5
20°	653.5	652.5	649.5	648.5	648.5	647.5	645.6	645.6	645.6	644.6	646.6
22.5°	640.6	638.6	634.6	633.6	633.6	632.7	629.7	629.7	629.7	629.7	629.7
25°	623.7	621.7	618.7	615.8	615.8	614.8	611.8	611.8	610.8	610.8	611.8
27.5°	605.8	603.8	599.9	596.9	596.9	595.9	592.9	592.9	590.9	589.9	591.9
30°	587.0	585.0	581.0	578.0	577.0	576.0	573.1	573.1	570.1	570.1	572.1
32.5°	570.1	565.1	560.1	557.2	556.2	555.2	552.2	551.2	549.2	548.2	549.2
35°	549.2	542.3	539.3	535.3	534.3	533.3	530.4	527.4	526.4	525.4	526.4
37.5°	527.4	520.4	516.4	512.5	511.5	509.5	505.5	503.5	502.5	502.5	503.5
40°	501.6	497.6	492.6	487.6	486.7	485.7	481.7	480.7	478.7	477.7	479.7
42.5°	477.7	472.7	467.8	462.8	462.8	461.8	457.9	455.9	453.9	452.9	453.9
45°	451.9	446.9	442.0	438.0	437.0	434.0	432.0	430.0	428.1	427.1	428.1
47.5°	425.1	420.1	416.1	411.2	410.2	409.2	406.2	404.2	401.2	402.2	402.2
50°	399.3	394.3	389.3	385.4	383.4	380.4	380.4	378.4	374.4	373.4	375.4
52.5°	372.4	367.5	362.5	358.5	357.5	354.6	351.6	350.6	348.6	349.6	348.6
55°	345.6	339.7	334.7	331.7	329.7	327.7	325.8	323.8	320.8	322.8	322.8
57.5°	315.8	310.9	307.9	303.9	302.9	301.9	298.0	297.0	294.0	295.0	294.0
60°	289.0	284.0	281.1	277.1	276.1	273.1	271.1	270.1	267.2	269.1	267.2
62.5°	263.2	255.2	251.3	247.3	247.3	245.3	243.3	241.3	238.4	237.4	237.4
65°	233.4	228.4	225.5	221.5	221.5	219.5	217.5	215.5	212.5	211.5	213.5
67.5°	206.6	203.6	198.6	195.7	195.7	193.7	191.7	190.7	187.7	186.7	187.7
70°	181.8	178.8	173.8	170.8	170.8	169.8	166.9	165.9	162.9	161.9	160.9
72.5°	156.9	152.0	150.0	147.0	147.0	146.0	143.0	142.0	139.0	138.1	137.1
75°	132.1	130.1	126.1	124.1	125.1	122.2	121.2	119.2	116.2	115.2	115.2
77.5°	109.2	108.3	104.3	102.3	102.3	100.3	99.3	97.3	96.3	94.4	93.4
80°	89.4	88.4	84.4	82.4	82.4	80.4	78.5	77.5	74.5	72.5	72.5
82.5°	71.5	69.5	66.5	64.6	63.6	62.6	60.6	58.6	55.6	54.6	52.6
85°	53.6	52.6	49.7	48.7	46.7	46.7	44.7	42.7	39.7	38.7	37.7
87.5°	37.7	37.7	34.8	33.8	32.8	31.8	29.8	28.8	25.8	24.8	22.8
90°	23.8	23.8	21.8	20.9	19.9	18.9	17.9	16.9	14.9	13.9	11.9
92.5°	10.9	10.9	9.9	8.9	8.9	8.9	7.9	7.9	7.0	6.0	5.0
95°	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	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: P571884

CATALOG NUMBER: 22ID-20-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: P571884

CATALOG NUMBER: 22ID-20-L835-SWD

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1
2.5°	706.1	706.1	705.2	706.1	705.2	705.2	706.1	706.1	706.1	706.1	706.1
5°	704.2	703.2	703.2	703.2	702.2	703.2	704.2	704.2	704.2	704.2	704.2
7.5°	698.2	698.2	698.2	698.2	698.2	698.2	699.2	699.2	700.2	700.2	701.2
10°	692.2	692.2	692.2	692.2	692.2	693.2	693.2	695.2	695.2	696.2	697.2
12.5°	683.3	683.3	683.3	684.3	684.3	685.3	686.3	687.3	688.3	690.3	690.3
15°	673.4	673.4	673.4	674.4	674.4	675.4	677.3	678.3	680.3	682.3	682.3
17.5°	661.5	661.5	660.5	662.4	662.4	663.4	666.4	667.4	669.4	671.4	672.4
20°	646.6	646.6	646.6	648.5	648.5	650.5	652.5	654.5	657.5	660.5	661.5
22.5°	630.7	630.7	632.7	633.6	633.6	636.6	638.6	641.6	643.6	646.6	648.5
25°	611.8	613.8	613.8	615.8	617.8	618.7	622.7	624.7	627.7	631.7	633.6
27.5°	593.9	594.9	596.9	596.9	598.9	599.9	604.8	605.8	609.8	614.8	616.8
30°	571.1	574.1	574.1	577.0	579.0	581.0	585.0	587.0	590.9	595.9	599.9
32.5°	550.2	553.2	555.2	555.2	558.2	560.1	565.1	567.1	572.1	576.0	581.0
35°	528.4	530.4	532.3	533.3	535.3	538.3	543.3	545.3	550.2	555.2	560.1
37.5°	503.5	507.5	509.5	509.5	511.5	513.5	519.4	522.4	527.4	532.3	537.3
40°	480.7	482.7	484.7	485.7	488.6	489.6	495.6	498.6	502.5	509.5	513.5
42.5°	454.9	456.9	459.8	459.8	460.8	466.8	469.8	472.7	477.7	484.7	490.6
45°	429.1	431.0	434.0	435.0	435.0	440.0	443.9	446.9	451.9	458.8	464.8
47.5°	402.2	404.2	407.2	407.2	408.2	413.2	417.1	420.1	425.1	432.0	437.0
50°	376.4	378.4	380.4	380.4	381.4	383.4	389.3	392.3	397.3	404.2	409.2
52.5°	349.6	350.6	353.6	353.6	353.6	357.5	361.5	364.5	369.5	376.4	379.4
55°	321.8	322.8	325.8	326.8	326.8	330.7	333.7	336.7	340.7	345.6	352.6
57.5°	293.0	296.0	298.0	298.0	299.9	301.9	305.9	306.9	313.8	316.8	321.8
60°	267.2	269.1	271.1	271.1	270.1	274.1	277.1	279.1	282.1	289.0	293.0
62.5°	238.4	239.4	241.3	241.3	242.3	244.3	246.3	250.3	251.3	255.2	263.2
65°	212.5	212.5	213.5	214.5	214.5	216.5	218.5	221.5	222.5	225.5	231.4
67.5°	185.7	186.7	187.7	187.7	187.7	188.7	190.7	193.7	194.7	196.6	201.6
70°	159.9	160.9	161.9	161.9	161.9	161.9	163.9	166.9	166.9	168.8	171.8
72.5°	136.1	136.1	137.1	137.1	137.1	137.1	137.1	140.0	139.0	142.0	144.0
75°	113.2	112.2	112.2	113.2	112.2	112.2	112.2	114.2	114.2	114.2	117.2
77.5°	90.4	90.4	89.4	88.4	88.4	88.4	88.4	89.4	90.4	91.4	91.4
80°	69.5	68.5	68.5	67.5	66.5	66.5	65.5	67.5	65.5	68.5	68.5
82.5°	50.7	49.7	48.7	47.7	47.7	46.7	45.7	46.7	46.7	46.7	48.7
85°	34.8	32.8	32.8	30.8	30.8	29.8	29.8	30.8	29.8	30.8	31.8
87.5°	20.9	19.9	18.9	16.9	16.9	16.9	15.9	16.9	16.9	17.9	18.9
90°	9.9	8.9	7.9	7.9	7.0	7.0	7.0	7.9	7.9	8.9	10.9
92.5°	4.0	3.0	3.0	2.0	2.0	2.0	3.0	4.0	5.0	6.0	7.0
95°	1.0	1.0	1.0	1.0	0.0	1.0	1.0	2.0	3.0	4.0	5.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	2.0	2.0	3.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	2.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
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: P571884

CATALOG NUMBER: 22ID-20-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: P571884

CATALOG NUMBER: 22ID-20-L835-SWD

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1
2.5°	706.1	706.1	706.1	706.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1
5°	704.2	705.2	705.2	705.2	705.2	706.1	706.1	706.1	706.1	706.1	705.2
7.5°	701.2	702.2	702.2	702.2	702.2	703.2	703.2	703.2	703.2	703.2	702.2
10°	697.2	697.2	698.2	699.2	699.2	700.2	700.2	701.2	700.2	700.2	699.2
12.5°	691.2	692.2	693.2	693.2	694.2	695.2	695.2	696.2	695.2	695.2	694.2
15°	684.3	685.3	686.3	687.3	688.3	688.3	689.3	689.3	688.3	688.3	687.3
17.5°	675.4	676.4	677.3	678.3	680.3	680.3	681.3	681.3	681.3	680.3	679.3
20°	663.4	665.4	667.4	668.4	669.4	671.4	671.4	671.4	671.4	671.4	670.4
22.5°	651.5	653.5	655.5	656.5	659.5	660.5	660.5	661.5	661.5	660.5	659.5
25°	636.6	639.6	641.6	642.6	645.6	646.6	647.5	647.5	646.6	646.6	644.6
27.5°	621.7	625.7	625.7	627.7	630.7	630.7	633.6	632.7	633.6	631.7	629.7
30°	603.8	607.8	608.8	610.8	612.8	614.8	617.8	617.8	618.7	615.8	613.8
32.5°	586.0	589.9	590.9	592.9	594.9	596.9	599.9	599.9	600.9	598.9	596.9
35°	563.1	570.1	571.1	573.1	576.0	578.0	581.0	581.0	582.0	581.0	577.0
37.5°	541.3	548.2	549.2	552.2	556.2	558.2	560.1	560.1	562.1	559.2	557.2
40°	520.4	525.4	526.4	529.4	534.3	534.3	538.3	538.3	537.3	537.3	534.3
42.5°	495.6	500.6	502.5	505.5	509.5	513.5	515.5	514.5	514.5	516.4	513.5
45°	469.8	475.7	476.7	479.7	483.7	487.6	490.6	489.6	489.6	490.6	486.7
47.5°	443.0	447.9	448.9	452.9	456.9	458.8	463.8	465.8	463.8	464.8	460.8
50°	413.2	420.1	422.1	425.1	430.0	432.0	437.0	439.0	437.0	436.0	433.0
52.5°	387.3	393.3	393.3	397.3	401.2	406.2	409.2	411.2	409.2	408.2	408.2
55°	357.5	363.5	364.5	366.5	371.4	376.4	379.4	382.4	380.4	381.4	379.4
57.5°	327.7	332.7	333.7	336.7	340.7	346.6	348.6	351.6	351.6	350.6	346.6
60°	298.0	302.9	303.9	306.9	309.9	313.8	318.8	321.8	319.8	320.8	315.8
62.5°	268.2	272.1	274.1	275.1	280.1	285.0	287.0	287.0	291.0	290.0	286.0
65°	235.4	239.4	240.3	242.3	246.3	251.3	254.3	254.3	256.2	256.2	252.3
67.5°	205.6	209.6	210.6	211.5	215.5	221.5	222.5	223.5	224.5	224.5	221.5
70°	175.8	179.8	180.8	182.7	184.7	190.7	191.7	192.7	195.7	194.7	191.7
72.5°	148.0	151.0	152.0	152.9	154.9	160.9	161.9	162.9	165.9	165.9	165.9
75°	120.2	123.2	124.1	124.1	127.1	132.1	134.1	135.1	137.1	138.1	138.1
77.5°	94.4	96.3	96.3	97.3	100.3	105.3	107.3	109.2	110.2	111.2	112.2
80°	70.5	72.5	73.5	74.5	76.5	80.4	82.4	85.4	86.4	87.4	88.4
82.5°	49.7	51.6	51.6	53.6	55.6	59.6	61.6	64.6	65.5	67.5	68.5
85°	32.8	35.8	36.7	36.7	39.7	42.7	45.7	47.7	49.7	50.7	52.6
87.5°	20.9	22.8	24.8	25.8	27.8	30.8	32.8	34.8	36.7	38.7	40.7
90°	12.9	14.9	15.9	17.9	19.9	21.8	23.8	26.8	27.8	29.8	31.8
92.5°	8.9	10.9	11.9	11.9	13.9	15.9	17.9	19.9	20.9	21.8	22.8
95°	6.0	7.9	7.9	8.9	9.9	11.9	12.9	13.9	14.9	14.9	14.9
97.5°	4.0	5.0	6.0	6.0	7.0	7.9	8.9	8.9	9.9	9.9	9.9
100°	2.0	3.0	3.0	4.0	4.0	5.0	6.0	6.0	6.0	6.0	6.0
102.5°	1.0	2.0	2.0	2.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0
105°	0.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	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: P571884

CATALOG NUMBER: 22ID-20-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: P571884

CATALOG NUMBER: 22ID-20-L835-SWD

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1
2.5°	706.1	706.1	706.1	706.1	706.1	706.1	706.1	706.1	706.1	706.1	706.1
5°	705.2	704.2	704.2	704.2	704.2	704.2	704.2	704.2	704.2	704.2	704.2
7.5°	702.2	702.2	702.2	701.2	701.2	701.2	701.2	700.2	700.2	699.2	699.2
10°	699.2	698.2	698.2	697.2	697.2	697.2	696.2	696.2	695.2	694.2	694.2
12.5°	693.2	693.2	692.2	692.2	691.2	690.3	689.3	688.3	687.3	687.3	685.3
15°	686.3	685.3	685.3	683.3	683.3	682.3	680.3	679.3	678.3	677.3	675.4
17.5°	678.3	676.4	676.4	675.4	674.4	672.4	670.4	669.4	667.4	666.4	665.4
20°	668.4	667.4	667.4	664.4	662.4	660.5	658.5	656.5	655.5	652.5	650.5
22.5°	657.5	655.5	655.5	653.5	650.5	648.5	644.6	642.6	640.6	637.6	635.6
25°	642.6	640.6	640.6	637.6	634.6	632.7	628.7	625.7	622.7	619.7	619.7
27.5°	627.7	625.7	624.7	621.7	618.7	615.8	611.8	607.8	605.8	602.9	600.9
30°	610.8	608.8	608.8	604.8	601.9	597.9	592.9	589.0	585.0	583.0	581.0
32.5°	593.9	592.9	589.9	587.0	583.0	579.0	573.1	569.1	565.1	562.1	560.1
35°	575.0	574.1	571.1	568.1	563.1	558.2	552.2	548.2	544.3	541.3	538.3
37.5°	554.2	553.2	550.2	545.3	542.3	536.3	530.4	525.4	522.4	518.4	514.5
40°	532.3	530.4	527.4	523.4	519.4	513.5	506.5	502.5	498.6	494.6	490.6
42.5°	508.5	507.5	504.5	498.6	494.6	489.6	482.7	477.7	473.7	468.8	466.8
45°	483.7	483.7	480.7	475.7	469.8	463.8	457.9	452.9	447.9	443.9	440.0
47.5°	457.9	457.9	453.9	449.9	443.9	438.0	431.0	426.1	421.1	418.1	414.2
50°	431.0	430.0	428.1	421.1	417.1	411.2	404.2	400.2	395.3	391.3	387.3
52.5°	403.2	402.2	400.2	393.3	389.3	383.4	376.4	372.4	368.5	363.5	360.5
55°	374.4	373.4	369.5	367.5	360.5	355.6	348.6	345.6	339.7	335.7	332.7
57.5°	343.6	343.6	340.7	336.7	330.7	325.8	319.8	315.8	310.9	307.9	304.9
60°	313.8	313.8	311.9	306.9	301.9	297.0	291.0	288.0	283.1	281.1	278.1
62.5°	284.0	284.0	280.1	277.1	272.1	267.2	262.2	255.2	252.3	249.3	247.3
65°	250.3	250.3	246.3	245.3	240.3	235.4	231.4	229.4	225.5	222.5	219.5
67.5°	220.5	220.5	216.5	215.5	211.5	207.6	202.6	201.6	196.6	195.7	192.7
70°	190.7	191.7	188.7	185.7	182.7	179.8	175.8	172.8	169.8	168.8	166.9
72.5°	161.9	160.9	160.9	158.9	155.9	152.9	150.0	148.0	145.0	144.0	142.0
75°	135.1	134.1	133.1	133.1	130.1	127.1	125.1	124.1	121.2	119.2	118.2
77.5°	109.2	110.2	110.2	108.3	106.3	104.3	103.3	101.3	98.3	97.3	96.3
80°	86.4	87.4	87.4	85.4	84.4	82.4	80.4	80.4	77.5	77.5	76.5
82.5°	66.5	66.5	66.5	66.5	64.6	63.6	63.6	60.6	60.6	59.6	58.6
85°	51.6	51.6	51.6	52.6	51.6	50.7	50.7	48.7	47.7	46.7	45.7
87.5°	41.7	41.7	42.7	42.7	42.7	41.7	41.7	40.7	39.7	37.7	36.7
90°	31.8	32.8	32.8	33.8	33.8	33.8	32.8	31.8	30.8	29.8	28.8
92.5°	23.8	23.8	24.8	24.8	24.8	24.8	24.8	23.8	22.8	22.8	21.8
95°	14.9	15.9	15.9	15.9	16.9	16.9	16.9	16.9	15.9	14.9	14.9
97.5°	9.9	8.9	8.9	8.9	8.9	9.9	9.9	9.9	8.9	8.9	8.9
100°	6.0	5.0	5.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	5.0
102.5°	3.0	3.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	2.0	3.0
105°	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0
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: P571884

CATALOG NUMBER: 22ID-20-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: P571884

CATALOG NUMBER: 22ID-20-L835-SWD

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1
2.5°	706.1	706.1	706.1	706.1	706.1	707.1	706.1	707.1	706.1	706.1	706.1
5°	704.2	704.2	704.2	704.2	704.2	704.2	704.2	704.2	704.2	704.2	703.2
7.5°	699.2	699.2	699.2	699.2	699.2	699.2	699.2	699.2	699.2	699.2	699.2
10°	694.2	694.2	694.2	693.2	694.2	694.2	693.2	694.2	693.2	694.2	694.2
12.5°	686.3	685.3	685.3	685.3	685.3	685.3	685.3	685.3	685.3	685.3	686.3
15°	676.4	676.4	675.4	675.4	674.4	674.4	674.4	674.4	675.4	675.4	676.4
17.5°	664.4	664.4	664.4	662.4	663.4	661.5	662.4	662.4	663.4	663.4	664.4
20°	650.5	649.5	649.5	648.5	647.5	647.5	648.5	648.5	650.5	650.5	651.5
22.5°	635.6	634.6	634.6	632.7	631.7	631.7	632.7	633.6	635.6	634.6	636.6
25°	617.8	616.8	616.8	613.8	615.8	614.8	613.8	615.8	616.8	616.8	618.7
27.5°	598.9	597.9	596.9	595.9	595.9	595.9	594.9	594.9	597.9	597.9	599.9
30°	579.0	578.0	577.0	576.0	575.0	575.0	574.1	575.0	577.0	579.0	580.0
32.5°	558.2	557.2	554.2	554.2	554.2	553.2	553.2	554.2	556.2	557.2	559.2
35°	535.3	534.3	532.3	530.4	531.3	531.3	530.4	532.3	534.3	537.3	537.3
37.5°	512.5	511.5	509.5	509.5	507.5	507.5	506.5	507.5	511.5	512.5	514.5
40°	487.6	487.6	485.7	483.7	483.7	483.7	482.7	483.7	485.7	490.6	490.6
42.5°	463.8	462.8	459.8	458.8	457.9	457.9	457.9	459.8	459.8	465.8	465.8
45°	438.0	437.0	434.0	433.0	433.0	432.0	432.0	434.0	435.0	440.0	440.0
47.5°	411.2	410.2	407.2	407.2	407.2	406.2	405.2	407.2	409.2	413.2	414.2
50°	385.4	383.4	381.4	380.4	379.4	379.4	378.4	381.4	383.4	387.3	386.3
52.5°	357.5	357.5	355.6	353.6	353.6	353.6	352.6	355.6	355.6	359.5	360.5
55°	330.7	328.7	327.7	326.8	325.8	325.8	325.8	327.7	327.7	332.7	332.7
57.5°	301.9	301.9	298.9	298.9	298.9	298.0	298.0	298.9	300.9	304.9	304.9
60°	275.1	275.1	271.1	272.1	271.1	271.1	271.1	272.1	273.1	277.1	277.1
62.5°	245.3	243.3	242.3	241.3	241.3	241.3	242.3	242.3	243.3	247.3	247.3
65°	218.5	216.5	215.5	215.5	214.5	214.5	214.5	215.5	216.5	219.5	219.5
67.5°	191.7	189.7	188.7	188.7	187.7	188.7	188.7	188.7	189.7	192.7	192.7
70°	165.9	164.9	161.9	162.9	161.9	162.9	162.9	161.9	162.9	165.9	165.9
72.5°	141.0	140.0	138.1	138.1	137.1	137.1	136.1	136.1	137.1	140.0	140.0
75°	117.2	115.2	114.2	114.2	113.2	111.2	113.2	112.2	112.2	115.2	115.2
77.5°	96.3	95.3	94.4	92.4	91.4	90.4	90.4	89.4	89.4	91.4	90.4
80°	75.5	73.5	72.5	72.5	71.5	70.5	69.5	68.5	68.5	69.5	69.5
82.5°	57.6	56.6	55.6	55.6	53.6	52.6	52.6	50.7	51.6	50.7	51.6
85°	45.7	43.7	42.7	41.7	40.7	38.7	38.7	36.7	36.7	35.8	35.8
87.5°	35.8	35.8	32.8	31.8	30.8	28.8	26.8	25.8	25.8	23.8	23.8
90°	27.8	27.8	25.8	24.8	22.8	20.9	19.9	17.9	16.9	15.9	14.9
92.5°	20.9	20.9	18.9	17.9	16.9	15.9	14.9	13.9	12.9	10.9	10.9
95°	14.9	13.9	12.9	12.9	11.9	11.9	10.9	9.9	8.9	7.9	7.9
97.5°	8.9	8.9	8.9	8.9	8.9	7.9	7.0	7.0	6.0	5.0	5.0
100°	5.0	5.0	5.0	6.0	5.0	5.0	5.0	4.0	4.0	3.0	3.0
102.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0
105°	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0
107.5°	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	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: P571884

CATALOG NUMBER: 22ID-20-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: P571884

CATALOG NUMBER: 22ID-20-L835-SWD

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1	707.1
2.5°	706.1	706.1	706.1	706.1	706.1	706.1	706.1	706.1	706.1	706.1	707.1
5°	704.2	704.2	704.2	704.2	705.2	705.2	705.2	705.2	705.2	705.2	705.2
7.5°	699.2	699.2	700.2	700.2	701.2	701.2	701.2	702.2	702.2	702.2	702.2
10°	694.2	694.2	695.2	696.2	696.2	697.2	697.2	698.2	698.2	699.2	699.2
12.5°	686.3	686.3	688.3	689.3	689.3	690.3	691.2	692.2	692.2	693.2	693.2
15°	676.4	677.3	678.3	680.3	681.3	683.3	683.3	685.3	686.3	686.3	687.3
17.5°	664.4	666.4	668.4	669.4	671.4	673.4	674.4	676.4	678.3	678.3	679.3
20°	651.5	653.5	656.5	657.5	659.5	662.4	663.4	665.4	667.4	669.4	669.4
22.5°	637.6	639.6	641.6	644.6	646.6	649.5	651.5	654.5	657.5	657.5	659.5
25°	619.7	622.7	625.7	627.7	630.7	634.6	637.6	639.6	643.6	644.6	645.6
27.5°	600.9	603.8	607.8	609.8	613.8	617.8	621.7	625.7	628.7	629.7	631.7
30°	581.0	584.0	588.0	591.9	595.9	600.9	604.8	608.8	613.8	613.8	615.8
32.5°	561.1	565.1	569.1	572.1	576.0	582.0	587.0	590.9	594.9	596.9	598.9
35°	539.3	544.3	548.2	551.2	556.2	562.1	567.1	571.1	576.0	578.0	581.0
37.5°	515.5	519.4	525.4	529.4	536.3	539.3	545.3	549.2	556.2	558.2	560.1
40°	492.6	495.6	501.6	505.5	510.5	517.4	522.4	529.4	534.3	535.3	538.3
42.5°	466.8	472.7	476.7	480.7	485.7	492.6	497.6	504.5	511.5	512.5	515.5
45°	442.0	446.9	450.9	455.9	460.8	467.8	474.7	480.7	485.7	487.6	490.6
47.5°	415.1	421.1	425.1	431.0	437.0	442.0	448.9	454.9	459.8	460.8	464.8
50°	389.3	394.3	397.3	402.2	410.2	415.1	420.1	428.1	432.0	435.0	437.0
52.5°	362.5	365.5	370.5	377.4	382.4	388.3	392.3	399.3	404.2	406.2	410.2
55°	335.7	339.7	341.7	346.6	354.6	357.5	365.5	369.5	376.4	376.4	378.4
57.5°	305.9	310.9	313.8	320.8	325.8	329.7	334.7	340.7	345.6	346.6	349.6
60°	279.1	283.1	286.0	293.0	297.0	300.9	305.9	311.9	315.8	316.8	320.8
62.5°	250.3	252.3	255.2	263.2	265.2	270.1	277.1	281.1	286.0	287.0	289.0
65°	222.5	225.5	226.4	232.4	234.4	238.4	245.3	249.3	252.3	254.3	254.3
67.5°	194.7	196.6	199.6	204.6	205.6	209.6	215.5	219.5	222.5	224.5	224.5
70°	165.9	168.8	171.8	176.8	176.8	181.8	185.7	189.7	193.7	194.7	195.7
72.5°	140.0	143.0	145.0	149.0	150.0	153.9	157.9	161.9	164.9	165.9	167.8
75°	116.2	117.2	118.2	122.2	123.2	129.1	131.1	134.1	137.1	138.1	138.1
77.5°	92.4	93.4	94.4	97.3	99.3	102.3	104.3	107.3	110.2	109.2	113.2
80°	70.5	70.5	71.5	74.5	76.5	78.5	80.4	82.4	84.4	85.4	88.4
82.5°	51.6	50.7	50.7	53.6	54.6	54.6	57.6	59.6	61.6	63.6	62.6
85°	35.8	34.8	34.8	35.8	35.8	37.7	38.7	39.7	41.7	42.7	42.7
87.5°	22.8	21.8	20.9	21.8	20.9	21.8	22.8	23.8	24.8	25.8	26.8
90°	14.9	12.9	11.9	11.9	10.9	10.9	10.9	10.9	11.9	11.9	12.9
92.5°	9.9	8.9	7.9	7.0	6.0	5.0	4.0	4.0	5.0	5.0	5.0
95°	7.0	6.0	5.0	4.0	3.0	3.0	2.0	1.0	1.0	1.0	1.0
97.5°	5.0	4.0	3.0	3.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0
100°	3.0	2.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	2.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	1.0	1.0	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: P571884

CATALOG NUMBER: 22ID-20-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: P571884

CATALOG NUMBER: 22ID-20-L835-SWD

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	707.1	707.1	707.1	707.1
2.5°	706.1	706.1	707.1	706.1
5°	705.2	705.2	706.1	705.2
7.5°	702.2	702.2	702.2	702.2
10°	699.2	699.2	700.2	699.2
12.5°	694.2	695.2	695.2	695.2
15°	688.3	688.3	688.3	688.3
17.5°	679.3	680.3	682.3	681.3
20°	670.4	671.4	673.4	672.4
22.5°	660.5	661.5	662.4	661.5
25°	647.5	648.5	649.5	649.5
27.5°	633.6	636.6	636.6	635.6
30°	617.8	621.7	622.7	621.7
32.5°	600.9	604.8	605.8	604.8
35°	584.0	586.0	589.0	588.0
37.5°	562.1	566.1	569.1	569.1
40°	541.3	546.2	548.2	548.2
42.5°	520.4	522.4	525.4	525.4
45°	495.6	498.6	501.6	502.5
47.5°	468.8	472.7	474.7	475.7
50°	442.0	445.9	447.9	448.9
52.5°	415.1	417.1	420.1	421.1
55°	384.4	387.3	390.3	391.3
57.5°	353.6	357.5	359.5	360.5
60°	322.8	327.7	329.7	329.7
62.5°	293.0	296.0	298.0	297.0
65°	262.2	265.2	266.2	266.2
67.5°	228.4	232.4	233.4	233.4
70°	198.6	201.6	203.6	202.6
72.5°	169.8	172.8	173.8	173.8
75°	142.0	144.0	145.0	146.0
77.5°	114.2	117.2	118.2	120.2
80°	88.4	91.4	93.4	95.3
82.5°	65.5	67.5	70.5	71.5
85°	44.7	47.7	49.7	50.7
87.5°	27.8	29.8	31.8	33.8
90°	13.9	15.9	17.9	19.9
92.5°	6.0	7.0	7.9	9.9
95°	2.0	2.0	3.0	3.0
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: P571884

CATALOG NUMBER: 22ID-20-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: P571884

CATALOG NUMBER: 22ID-20-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	13.81	15.43	14.18	15.76	16.09	12.68	14.31	13.06	14.63	14.96
	3H	15.54	17.01	15.92	17.34	17.72	14.28	15.75	14.66	16.08	16.46
	4H	16.18	17.57	16.59	17.93	18.31	14.86	16.25	15.27	16.61	16.99
	6H	16.67	17.95	17.09	18.33	18.73	15.30	16.59	15.72	16.96	17.36
	8H	16.84	18.06	17.27	18.46	18.87	15.44	16.67	15.87	17.07	17.48
	12H	16.96	18.14	17.40	18.53	18.97	15.54	16.72	15.98	17.11	17.55
4H	2H	14.26	15.64	14.67	16.00	16.39	13.32	14.70	13.72	15.06	15.45
	3H	16.20	17.37	16.62	17.78	18.19	15.11	16.28	15.53	16.68	17.09
	4H	16.98	18.04	17.42	18.46	18.91	15.82	16.87	16.26	17.29	17.74
	6H	17.60	18.53	18.07	18.98	19.44	16.36	17.29	16.83	17.74	18.20
	8H	17.83	18.69	18.29	19.14	19.62	16.55	17.41	17.01	17.86	18.34
	12H	18.00	18.78	18.49	19.27	19.75	16.69	17.47	17.18	17.95	18.43
8H	4H	17.19	18.06	17.66	18.51	18.99	16.12	16.99	16.59	17.44	17.92
	6H	17.93	18.65	18.43	19.15	19.63	16.78	17.50	17.28	18.00	18.49
	8H	18.23	18.87	18.74	19.39	19.89	17.03	17.68	17.55	18.19	18.69
	12H	18.49	19.06	19.00	19.56	20.13	17.25	17.82	17.76	18.32	18.89
12H	4H	17.21	17.99	17.70	18.47	18.95	16.16	16.94	16.65	17.42	17.91
	6H	17.96	18.61	18.48	19.13	19.62	16.84	17.49	17.36	18.01	18.50
	8H	18.31	18.89	18.83	19.39	19.96	17.15	17.72	17.66	18.22	18.79