

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: P571904

Luminaire Tested: 22ID-25-L840-SWD

Issue Date: 10/5/2021

Test Information

Test Method: LM-79-2019
Report Number: P571904
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-L840-SWD
Description: 2500 LUMEN, 2X2 INDEPTH TROFFER WITH 2IN DROPPED SWEEP LENS AND 4000K, 80 CRI LEDS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2619.0 lumens
Efficiency: N/A
Efficacy: 127.1 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

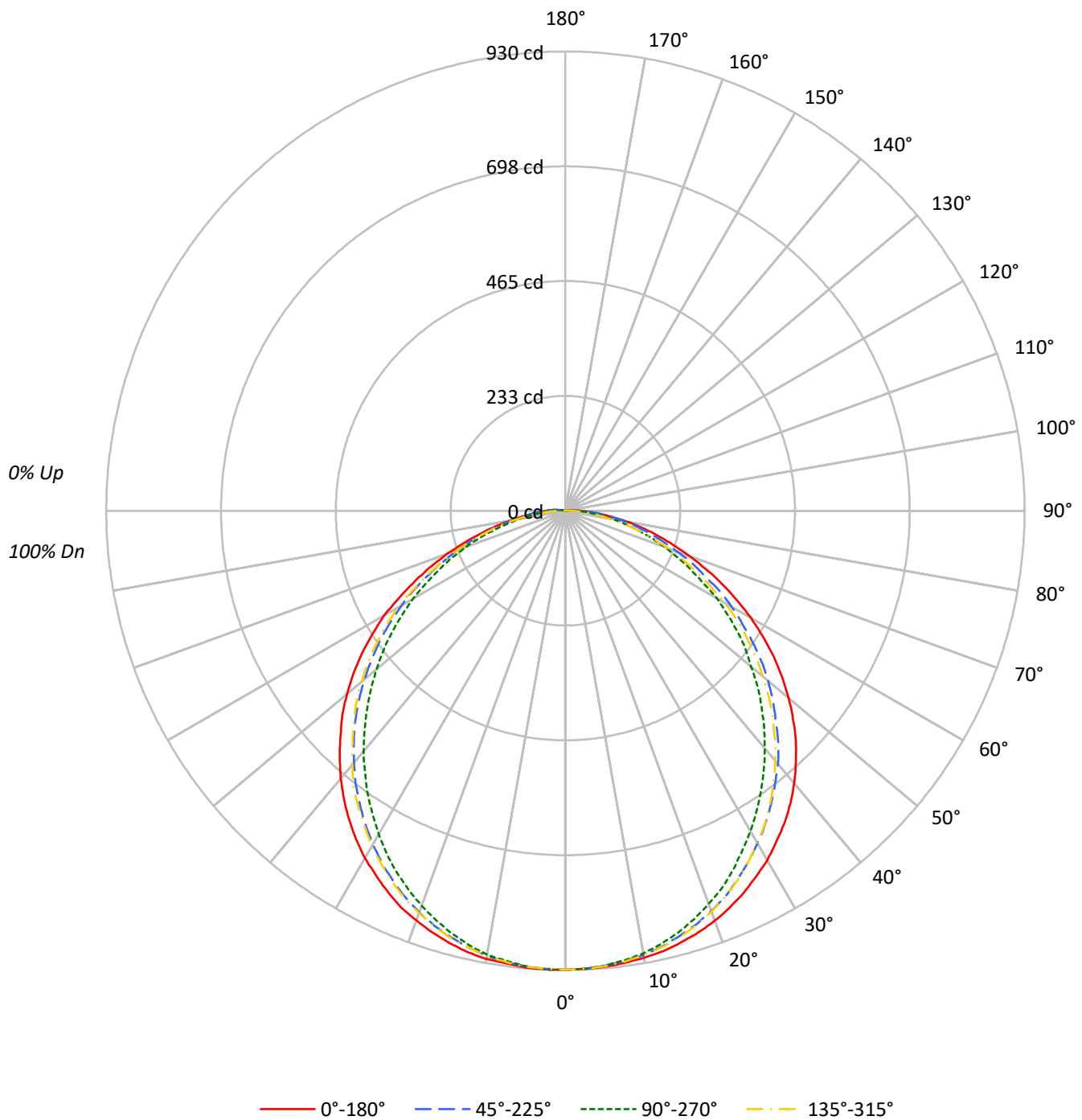
Input Watts (W): 20.6
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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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	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°	2502	2502	2502	2502
5°	2486	2479	2490	2483
10°	2476	2451	2483	2458
15°	2466	2409	2469	2416
20°	2457	2356	2453	2366
25°	2441	2295	2433	2310
30°	2423	2222	2408	2241
35°	2399	2144	2371	2168
40°	2367	2062	2324	2088
45°	2321	1972	2262	1995
50°	2248	1870	2198	1900
55°	2157	1779	2108	1796
60°	2039	1664	1990	1677
65°	1890	1502	1806	1523
70°	1705	1362	1622	1371
75°	1522	1201	1408	1159
80°	1320	1003	1182	975
85°	1053	805	991	805

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2321 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.0	3.4
10°-20°	252.5	9.6
20°-30°	381.5	14.6
30°-40°	456.2	17.4
40°-50°	466.8	17.8
50°-60°	413.1	15.8
60°-70°	306.0	11.7
70°-80°	176.4	6.7
80°-90°	65.5	2.5
90°-100°	12.0	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°	722.0	27.6
0°-40°	1178.2	45.0
0°-60°	2058.0	78.6
0°-90°	2606.0	99.5
90°-120°	12.9	0.5
90°-150°	12.9	0.5
90°-180°	13.0	0.5
0°-180°	2619.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	930	930	930	930	930	
5°	927	924	928	926	927	88
15°	905	884	906	887	905	256
25°	854	803	851	808	854	394
35°	773	691	764	699	773	483
45°	661	562	644	568	661	508
55°	514	424	503	428	514	459
65°	350	278	334	282	350	346
75°	192	152	178	146	192	204
85°	67	51	63	51	67	67
90°	26	18	35	27	26	15
95°	4	3	18	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

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7
2.5°	928.4	929.7	928.4	928.4	928.4	928.4	927.1	927.1	928.4	928.4	928.4
5°	927.1	927.1	925.8	925.8	925.8	925.8	924.5	924.5	925.8	925.8	924.5
7.5°	923.2	923.2	923.2	921.9	920.6	921.9	920.6	920.6	920.6	920.6	919.3
10°	919.3	919.3	919.3	919.3	916.7	916.7	915.4	915.4	914.0	914.0	914.0
12.5°	914.0	914.0	912.7	911.4	910.1	910.1	908.8	907.5	906.2	904.9	903.6
15°	904.9	904.9	904.9	902.3	901.0	899.7	899.7	898.4	895.8	894.5	891.8
17.5°	895.8	895.8	894.5	891.8	890.5	889.2	887.9	886.6	884.0	881.4	878.8
20°	884.0	884.0	882.7	880.1	877.5	876.2	876.2	873.6	868.3	865.7	863.1
22.5°	869.7	871.0	869.7	867.0	864.4	861.8	861.8	856.6	852.7	850.1	846.1
25°	854.0	854.0	852.7	850.1	846.1	843.5	843.5	837.0	834.4	830.5	823.9
27.5°	835.7	835.7	834.4	831.8	829.2	825.3	823.9	817.4	813.5	809.6	801.7
30°	817.4	816.1	816.1	810.9	808.3	804.4	803.1	795.2	791.3	786.1	778.2
32.5°	795.2	795.2	795.2	788.7	786.1	782.2	780.9	773.0	767.8	761.3	753.4
35°	773.0	771.7	769.1	765.2	761.3	757.4	756.0	748.2	743.0	735.2	726.0
37.5°	748.2	745.6	744.3	740.4	736.5	729.9	729.9	722.1	715.6	707.7	697.3
40°	720.8	718.2	716.9	711.7	707.7	702.5	701.2	693.4	684.2	677.7	669.9
42.5°	690.8	688.1	685.5	684.2	677.7	672.5	671.2	662.0	652.9	646.4	638.5
45°	660.7	656.8	654.2	651.6	645.1	639.8	638.5	628.1	620.2	613.7	602.0
47.5°	625.5	622.9	618.9	613.7	611.1	604.6	604.6	594.1	586.3	578.5	570.6
50°	590.2	586.3	583.7	578.5	574.5	569.3	565.4	558.9	551.0	543.2	535.4
52.5°	553.7	549.7	548.4	544.5	538.0	532.8	528.8	523.6	514.5	506.6	500.1
55°	514.5	513.2	507.9	506.6	500.1	494.9	492.3	484.4	476.6	470.1	462.2
57.5°	474.0	470.1	470.1	466.2	460.9	454.4	454.4	445.3	438.7	432.2	424.4
60°	433.5	430.9	430.9	424.4	421.8	416.5	416.5	406.1	400.9	394.3	389.1
62.5°	390.4	393.0	386.5	386.5	381.3	377.4	376.1	369.5	363.0	357.8	352.6
65°	349.9	351.3	347.3	346.0	338.2	334.3	333.0	327.8	322.5	317.3	309.5
67.5°	306.9	308.2	306.9	304.2	300.3	296.4	295.1	289.9	286.0	280.7	278.1
70°	266.4	266.4	267.7	266.4	262.5	259.9	259.9	253.3	249.4	245.5	239.0
72.5°	228.5	231.1	229.8	229.8	225.9	223.3	223.3	218.1	215.5	211.5	206.3
75°	191.9	193.3	194.6	193.3	190.6	189.3	188.0	185.4	182.8	180.2	175.0
77.5°	158.0	159.3	159.3	159.3	158.0	158.0	155.4	152.8	151.5	150.2	146.2
80°	125.4	126.7	128.0	128.0	126.7	125.4	125.4	124.0	124.0	122.7	121.4
82.5°	94.0	96.6	97.9	99.2	99.2	100.5	99.2	97.9	97.9	96.6	95.3
85°	66.6	69.2	71.8	73.1	74.4	74.4	74.4	74.4	74.4	74.4	71.8
87.5°	44.4	47.0	49.6	50.9	52.2	52.2	52.2	52.2	52.2	52.2	50.9
90°	26.1	28.7	30.0	31.3	32.6	31.3	32.6	32.6	34.0	34.0	32.6
92.5°	13.1	14.4	14.4	15.7	15.7	15.7	15.7	15.7	15.7	17.0	15.7
95°	3.9	3.9	5.2	5.2	5.2	5.2	3.9	3.9	2.6	2.6	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-L840-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-L840-SWD

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7
2.5°	927.1	927.1	927.1	927.1	927.1	927.1	927.1	928.4	928.4	928.4	928.4
5°	924.5	924.5	923.2	924.5	924.5	923.2	924.5	924.5	924.5	924.5	925.8
7.5°	919.3	919.3	918.0	918.0	918.0	918.0	918.0	916.7	918.0	918.0	918.0
10°	911.4	911.4	910.1	910.1	910.1	910.1	908.8	908.8	910.1	910.1	910.1
12.5°	902.3	901.0	899.7	899.7	898.4	898.4	898.4	898.4	898.4	898.4	898.4
15°	890.5	889.2	887.9	886.6	886.6	886.6	884.0	885.3	884.0	884.0	885.3
17.5°	877.5	874.9	872.3	871.0	871.0	871.0	868.3	868.3	867.0	867.0	868.3
20°	859.2	857.9	854.0	852.7	852.7	851.4	848.8	848.8	848.8	847.5	850.1
22.5°	842.2	839.6	834.4	833.1	833.1	831.8	827.9	827.9	827.9	827.9	827.9
25°	820.0	817.4	813.5	809.6	809.6	808.3	804.4	804.4	803.1	803.1	804.4
27.5°	796.5	793.9	788.7	784.8	784.8	783.5	779.6	779.6	776.9	775.6	778.2
30°	771.7	769.1	763.9	760.0	758.7	757.4	753.4	753.4	749.5	749.5	752.1
32.5°	749.5	743.0	736.5	732.5	731.2	729.9	726.0	724.7	722.1	720.8	722.1
35°	722.1	713.0	709.0	703.8	702.5	701.2	697.3	693.4	692.1	690.8	692.1
37.5°	693.4	684.2	679.0	673.8	672.5	669.9	664.6	662.0	660.7	660.7	662.0
40°	659.4	654.2	647.7	641.1	639.8	638.5	633.3	632.0	629.4	628.1	630.7
42.5°	628.1	621.6	615.0	608.5	608.5	607.2	602.0	599.4	596.7	595.4	596.7
45°	594.1	587.6	581.1	575.8	574.5	570.6	568.0	565.4	562.8	561.5	562.8
47.5°	558.9	552.3	547.1	540.6	539.3	538.0	534.1	531.5	527.5	528.8	528.8
50°	524.9	518.4	511.9	506.6	504.0	500.1	500.1	497.5	492.3	491.0	493.6
52.5°	489.7	483.1	476.6	471.4	470.1	466.2	462.2	460.9	458.3	459.6	458.3
55°	454.4	446.6	440.0	436.1	433.5	430.9	428.3	425.7	421.8	424.4	424.4
57.5°	415.2	408.7	404.8	399.6	398.3	397.0	391.7	390.4	386.5	387.8	386.5
60°	380.0	373.5	369.5	364.3	363.0	359.1	356.5	355.2	351.3	353.9	351.3
62.5°	346.0	335.6	330.4	325.1	325.1	322.5	319.9	317.3	313.4	312.1	312.1
65°	306.9	300.3	296.4	291.2	291.2	288.6	286.0	283.4	279.4	278.1	280.7
67.5°	271.6	267.7	261.2	257.2	257.2	254.6	252.0	250.7	246.8	245.5	246.8
70°	239.0	235.0	228.5	224.6	224.6	223.3	219.4	218.1	214.1	212.8	211.5
72.5°	206.3	199.8	197.2	193.3	193.3	191.9	188.0	186.7	182.8	181.5	180.2
75°	173.7	171.1	165.8	163.2	164.5	160.6	159.3	156.7	152.8	151.5	151.5
77.5°	143.6	142.3	137.1	134.5	134.5	131.9	130.6	128.0	126.7	124.0	122.7
80°	117.5	116.2	111.0	108.4	108.4	105.8	103.2	101.9	97.9	95.3	95.3
82.5°	94.0	91.4	87.5	84.9	83.6	82.3	79.7	77.0	73.1	71.8	69.2
85°	70.5	69.2	65.3	64.0	61.4	61.4	58.8	56.1	52.2	50.9	49.6
87.5°	49.6	49.6	45.7	44.4	43.1	41.8	39.2	37.9	34.0	32.6	30.0
90°	31.3	31.3	28.7	27.4	26.1	24.8	23.5	22.2	19.6	18.3	15.7
92.5°	14.4	14.4	13.1	11.8	11.8	11.8	10.4	10.4	9.1	7.8	6.5
95°	1.3	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
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: P571904

CATALOG NUMBER: 22ID-25-L840-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: P571904

CATALOG NUMBER: 22ID-25-L840-SWD

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7
2.5°	928.4	928.4	927.1	928.4	927.1	927.1	928.4	928.4	928.4	928.4	928.4
5°	925.8	924.5	924.5	924.5	923.2	924.5	925.8	925.8	925.8	925.8	925.8
7.5°	918.0	918.0	918.0	918.0	918.0	918.0	919.3	919.3	920.6	920.6	921.9
10°	910.1	910.1	910.1	910.1	910.1	911.4	911.4	914.0	914.0	915.4	916.7
12.5°	898.4	898.4	898.4	899.7	899.7	901.0	902.3	903.6	904.9	907.5	907.5
15°	885.3	885.3	885.3	886.6	886.6	887.9	890.5	891.8	894.5	897.1	897.1
17.5°	869.7	869.7	868.3	871.0	871.0	872.3	876.2	877.5	880.1	882.7	884.0
20°	850.1	850.1	850.1	852.7	852.7	855.3	857.9	860.5	864.4	868.3	869.7
22.5°	829.2	829.2	831.8	833.1	833.1	837.0	839.6	843.5	846.1	850.1	852.7
25°	804.4	807.0	807.0	809.6	812.2	813.5	818.7	821.3	825.3	830.5	833.1
27.5°	780.9	782.2	784.8	784.8	787.4	788.7	795.2	796.5	801.7	808.3	810.9
30°	750.8	754.7	754.7	758.7	761.3	763.9	769.1	771.7	776.9	783.5	788.7
32.5°	723.4	727.3	729.9	729.9	733.8	736.5	743.0	745.6	752.1	757.4	763.9
35°	694.7	697.3	699.9	701.2	703.8	707.7	714.3	716.9	723.4	729.9	736.5
37.5°	662.0	667.3	669.9	669.9	672.5	675.1	682.9	686.8	693.4	699.9	706.4
40°	632.0	634.6	637.2	638.5	642.4	643.8	651.6	655.5	660.7	669.9	675.1
42.5°	598.0	600.7	604.6	604.6	605.9	613.7	617.6	621.6	628.1	637.2	645.1
45°	564.1	566.7	570.6	571.9	571.9	578.5	583.7	587.6	594.1	603.3	611.1
47.5°	528.8	531.5	535.4	535.4	536.7	543.2	548.4	552.3	558.9	568.0	574.5
50°	494.9	497.5	500.1	500.1	501.4	504.0	511.9	515.8	522.3	531.5	538.0
52.5°	459.6	460.9	464.9	464.9	464.9	470.1	475.3	479.2	485.8	494.9	498.8
55°	423.1	424.4	428.3	429.6	429.6	434.8	438.7	442.7	447.9	454.4	463.6
57.5°	385.2	389.1	391.7	391.7	394.3	397.0	402.2	403.5	412.6	416.5	423.1
60°	351.3	353.9	356.5	356.5	355.2	360.4	364.3	366.9	370.8	380.0	385.2
62.5°	313.4	314.7	317.3	317.3	318.6	321.2	323.8	329.1	330.4	335.6	346.0
65°	279.4	279.4	280.7	282.0	282.0	284.7	287.3	291.2	292.5	296.4	304.2
67.5°	244.2	245.5	246.8	246.8	246.8	248.1	250.7	254.6	255.9	258.5	265.1
70°	210.2	211.5	212.8	212.8	212.8	212.8	215.5	219.4	219.4	222.0	225.9
72.5°	178.9	178.9	180.2	180.2	180.2	180.2	180.2	184.1	182.8	186.7	189.3
75°	148.9	147.6	147.6	148.9	147.6	147.6	147.6	150.2	150.2	150.2	154.1
77.5°	118.8	118.8	117.5	116.2	116.2	116.2	116.2	117.5	118.8	120.1	120.1
80°	91.4	90.1	90.1	88.8	87.5	87.5	86.2	88.8	86.2	90.1	90.1
82.5°	66.6	65.3	64.0	62.7	62.7	61.4	60.1	61.4	61.4	61.4	64.0
85°	45.7	43.1	43.1	40.5	40.5	39.2	39.2	40.5	39.2	40.5	41.8
87.5°	27.4	26.1	24.8	22.2	22.2	22.2	20.9	22.2	22.2	23.5	24.8
90°	13.1	11.8	10.4	10.4	9.1	9.1	9.1	10.4	10.4	11.8	14.4
92.5°	5.2	3.9	3.9	2.6	2.6	2.6	3.9	5.2	6.5	7.8	9.1
95°	1.3	1.3	1.3	1.3	0.0	1.3	1.3	2.6	3.9	5.2	6.5
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3	2.6	2.6	3.9
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3	2.6
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: P571904

CATALOG NUMBER: 22ID-25-L840-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: P571904

CATALOG NUMBER: 22ID-25-L840-SWD

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7
2.5°	928.4	928.4	928.4	928.4	929.7	929.7	929.7	929.7	929.7	929.7	929.7
5°	925.8	927.1	927.1	927.1	927.1	928.4	928.4	928.4	928.4	928.4	927.1
7.5°	921.9	923.2	923.2	923.2	923.2	924.5	924.5	924.5	924.5	924.5	923.2
10°	916.7	916.7	918.0	919.3	919.3	920.6	920.6	921.9	920.6	920.6	919.3
12.5°	908.8	910.1	911.4	911.4	912.7	914.0	914.0	915.4	914.0	914.0	912.7
15°	899.7	901.0	902.3	903.6	904.9	904.9	906.2	906.2	904.9	904.9	903.6
17.5°	887.9	889.2	890.5	891.8	894.5	894.5	895.8	895.8	895.8	894.5	893.2
20°	872.3	874.9	877.5	878.8	880.1	882.7	882.7	882.7	882.7	882.7	881.4
22.5°	856.6	859.2	861.8	863.1	867.0	868.3	868.3	869.7	869.7	868.3	867.0
25°	837.0	840.9	843.5	844.8	848.8	850.1	851.4	851.4	850.1	850.1	847.5
27.5°	817.4	822.6	822.6	825.3	829.2	829.2	833.1	831.8	833.1	830.5	827.9
30°	793.9	799.1	800.4	803.1	805.7	808.3	812.2	812.2	813.5	809.6	807.0
32.5°	770.4	775.6	776.9	779.6	782.2	784.8	788.7	788.7	790.0	787.4	784.8
35°	740.4	749.5	750.8	753.4	757.4	760.0	763.9	763.9	765.2	763.9	758.7
37.5°	711.7	720.8	722.1	726.0	731.2	733.8	736.5	736.5	739.1	735.2	732.5
40°	684.2	690.8	692.1	696.0	702.5	702.5	707.7	707.7	706.4	706.4	702.5
42.5°	651.6	658.1	660.7	664.6	669.9	675.1	677.7	676.4	676.4	679.0	675.1
45°	617.6	625.5	626.8	630.7	635.9	641.1	645.1	643.8	643.8	645.1	639.8
47.5°	582.4	588.9	590.2	595.4	600.7	603.3	609.8	612.4	609.8	611.1	605.9
50°	543.2	552.3	555.0	558.9	565.4	568.0	574.5	577.2	574.5	573.2	569.3
52.5°	509.3	517.1	517.1	522.3	527.5	534.1	538.0	540.6	538.0	536.7	536.7
55°	470.1	477.9	479.2	481.8	488.4	494.9	498.8	502.7	500.1	501.4	498.8
57.5°	430.9	437.4	438.7	442.7	447.9	455.7	458.3	462.2	462.2	460.9	455.7
60°	391.7	398.3	399.6	403.5	407.4	412.6	419.2	423.1	420.5	421.8	415.2
62.5°	352.6	357.8	360.4	361.7	368.2	374.8	377.4	377.4	382.6	381.3	376.1
65°	309.5	314.7	316.0	318.6	323.8	330.4	334.3	334.3	336.9	336.9	331.7
67.5°	270.3	275.5	276.8	278.1	283.4	291.2	292.5	293.8	295.1	295.1	291.2
70°	231.1	236.3	237.7	240.3	242.9	250.7	252.0	253.3	257.2	255.9	252.0
72.5°	194.6	198.5	199.8	201.1	203.7	211.5	212.8	214.1	218.1	218.1	218.1
75°	158.0	161.9	163.2	163.2	167.1	173.7	176.3	177.6	180.2	181.5	181.5
77.5°	124.0	126.7	126.7	128.0	131.9	138.4	141.0	143.6	144.9	146.2	147.6
80°	92.7	95.3	96.6	97.9	100.5	105.8	108.4	112.3	113.6	114.9	116.2
82.5°	65.3	67.9	67.9	70.5	73.1	78.3	81.0	84.9	86.2	88.8	90.1
85°	43.1	47.0	48.3	48.3	52.2	56.1	60.1	62.7	65.3	66.6	69.2
87.5°	27.4	30.0	32.6	34.0	36.6	40.5	43.1	45.7	48.3	50.9	53.5
90°	17.0	19.6	20.9	23.5	26.1	28.7	31.3	35.3	36.6	39.2	41.8
92.5°	11.8	14.4	15.7	15.7	18.3	20.9	23.5	26.1	27.4	28.7	30.0
95°	7.8	10.4	10.4	11.8	13.1	15.7	17.0	18.3	19.6	19.6	19.6
97.5°	5.2	6.5	7.8	7.8	9.1	10.4	11.8	11.8	13.1	13.1	13.1
100°	2.6	3.9	3.9	5.2	5.2	6.5	7.8	7.8	7.8	7.8	7.8
102.5°	1.3	2.6	2.6	2.6	3.9	3.9	3.9	5.2	5.2	5.2	5.2
105°	0.0	1.3	1.3	1.3	1.3	2.6	2.6	2.6	2.6	2.6	2.6
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: P571904

CATALOG NUMBER: 22ID-25-L840-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: P571904

CATALOG NUMBER: 22ID-25-L840-SWD

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7
2.5°	928.4	928.4	928.4	928.4	928.4	928.4	928.4	928.4	928.4	928.4	928.4
5°	927.1	925.8	925.8	925.8	925.8	925.8	925.8	925.8	925.8	925.8	925.8
7.5°	923.2	923.2	923.2	921.9	921.9	921.9	921.9	920.6	920.6	919.3	919.3
10°	919.3	918.0	918.0	916.7	916.7	916.7	915.4	915.4	914.0	912.7	912.7
12.5°	911.4	911.4	910.1	910.1	908.8	907.5	906.2	904.9	903.6	903.6	901.0
15°	902.3	901.0	901.0	898.4	898.4	897.1	894.5	893.2	891.8	890.5	887.9
17.5°	891.8	889.2	889.2	887.9	886.6	884.0	881.4	880.1	877.5	876.2	874.9
20°	878.8	877.5	877.5	873.6	871.0	868.3	865.7	863.1	861.8	857.9	855.3
22.5°	864.4	861.8	861.8	859.2	855.3	852.7	847.5	844.8	842.2	838.3	835.7
25°	844.8	842.2	842.2	838.3	834.4	831.8	826.6	822.6	818.7	814.8	814.8
27.5°	825.3	822.6	821.3	817.4	813.5	809.6	804.4	799.1	796.5	792.6	790.0
30°	803.1	800.4	800.4	795.2	791.3	786.1	779.6	774.3	769.1	766.5	763.9
32.5°	780.9	779.6	775.6	771.7	766.5	761.3	753.4	748.2	743.0	739.1	736.5
35°	756.0	754.7	750.8	746.9	740.4	733.8	726.0	720.8	715.6	711.7	707.7
37.5°	728.6	727.3	723.4	716.9	713.0	705.1	697.3	690.8	686.8	681.6	676.4
40°	699.9	697.3	693.4	688.1	682.9	675.1	665.9	660.7	655.5	650.3	645.1
42.5°	668.6	667.3	663.3	655.5	650.3	643.8	634.6	628.1	622.9	616.3	613.7
45°	635.9	635.9	632.0	625.5	617.6	609.8	602.0	595.4	588.9	583.7	578.5
47.5°	602.0	602.0	596.7	591.5	583.7	575.8	566.7	560.2	553.7	549.7	544.5
50°	566.7	565.4	562.8	553.7	548.4	540.6	531.5	526.2	519.7	514.5	509.3
52.5°	530.1	528.8	526.2	517.1	511.9	504.0	494.9	489.7	484.4	477.9	474.0
55°	492.3	491.0	485.8	483.1	474.0	467.5	458.3	454.4	446.6	441.4	437.4
57.5°	451.8	451.8	447.9	442.7	434.8	428.3	420.5	415.2	408.7	404.8	400.9
60°	412.6	412.6	410.0	403.5	397.0	390.4	382.6	378.7	372.1	369.5	365.6
62.5°	373.5	373.5	368.2	364.3	357.8	351.3	344.7	335.6	331.7	327.8	325.1
65°	329.1	329.1	323.8	322.5	316.0	309.5	304.2	301.6	296.4	292.5	288.6
67.5°	289.9	289.9	284.7	283.4	278.1	272.9	266.4	265.1	258.5	257.2	253.3
70°	250.7	252.0	248.1	244.2	240.3	236.3	231.1	227.2	223.3	222.0	219.4
72.5°	212.8	211.5	211.5	208.9	205.0	201.1	197.2	194.6	190.6	189.3	186.7
75°	177.6	176.3	175.0	175.0	171.1	167.1	164.5	163.2	159.3	156.7	155.4
77.5°	143.6	144.9	144.9	142.3	139.7	137.1	135.8	133.2	129.3	128.0	126.7
80°	113.6	114.9	114.9	112.3	111.0	108.4	105.8	105.8	101.9	101.9	100.5
82.5°	87.5	87.5	87.5	87.5	84.9	83.6	83.6	79.7	79.7	78.3	77.0
85°	67.9	67.9	67.9	69.2	67.9	66.6	66.6	64.0	62.7	61.4	60.1
87.5°	54.8	54.8	56.1	56.1	56.1	54.8	54.8	53.5	52.2	49.6	48.3
90°	41.8	43.1	43.1	44.4	44.4	44.4	43.1	41.8	40.5	39.2	37.9
92.5°	31.3	31.3	32.6	32.6	32.6	32.6	32.6	31.3	30.0	30.0	28.7
95°	19.6	20.9	20.9	20.9	22.2	22.2	22.2	22.2	20.9	19.6	19.6
97.5°	13.1	11.8	11.8	11.8	11.8	13.1	13.1	13.1	11.8	11.8	11.8
100°	7.8	6.5	6.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	6.5
102.5°	3.9	3.9	3.9	2.6	2.6	1.3	1.3	1.3	1.3	2.6	3.9
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: P571904

CATALOG NUMBER: 22ID-25-L840-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: P571904

CATALOG NUMBER: 22ID-25-L840-SWD

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7
2.5°	928.4	928.4	928.4	928.4	928.4	929.7	928.4	929.7	928.4	928.4	928.4
5°	925.8	925.8	925.8	925.8	925.8	925.8	925.8	925.8	925.8	925.8	924.5
7.5°	919.3	919.3	919.3	919.3	919.3	919.3	919.3	919.3	919.3	919.3	919.3
10°	912.7	912.7	912.7	911.4	912.7	912.7	911.4	912.7	911.4	912.7	912.7
12.5°	902.3	901.0	901.0	901.0	901.0	901.0	901.0	901.0	901.0	901.0	902.3
15°	889.2	889.2	887.9	887.9	886.6	886.6	886.6	886.6	887.9	887.9	889.2
17.5°	873.6	873.6	873.6	871.0	872.3	869.7	871.0	871.0	872.3	872.3	873.6
20°	855.3	854.0	854.0	852.7	851.4	851.4	852.7	852.7	855.3	855.3	856.6
22.5°	835.7	834.4	834.4	831.8	830.5	830.5	831.8	833.1	835.7	834.4	837.0
25°	812.2	810.9	810.9	807.0	809.6	808.3	807.0	809.6	810.9	810.9	813.5
27.5°	787.4	786.1	784.8	783.5	783.5	783.5	782.2	782.2	786.1	786.1	788.7
30°	761.3	760.0	758.7	757.4	756.0	756.0	754.7	756.0	758.7	761.3	762.6
32.5°	733.8	732.5	728.6	728.6	728.6	727.3	727.3	728.6	731.2	732.5	735.2
35°	703.8	702.5	699.9	697.3	698.6	698.6	697.3	699.9	702.5	706.4	706.4
37.5°	673.8	672.5	669.9	669.9	667.3	667.3	665.9	667.3	672.5	673.8	676.4
40°	641.1	641.1	638.5	635.9	635.9	635.9	634.6	635.9	638.5	645.1	645.1
42.5°	609.8	608.5	604.6	603.3	602.0	602.0	602.0	604.6	604.6	612.4	612.4
45°	575.8	574.5	570.6	569.3	569.3	568.0	568.0	570.6	571.9	578.5	578.5
47.5°	540.6	539.3	535.4	535.4	535.4	534.1	532.8	535.4	538.0	543.2	544.5
50°	506.6	504.0	501.4	500.1	498.8	498.8	497.5	501.4	504.0	509.3	507.9
52.5°	470.1	470.1	467.5	464.9	464.9	464.9	463.6	467.5	467.5	472.7	474.0
55°	434.8	432.2	430.9	429.6	428.3	428.3	428.3	430.9	430.9	437.4	437.4
57.5°	397.0	397.0	393.0	393.0	393.0	391.7	391.7	393.0	395.7	400.9	400.9
60°	361.7	361.7	356.5	357.8	356.5	356.5	356.5	357.8	359.1	364.3	364.3
62.5°	322.5	319.9	318.6	317.3	317.3	317.3	318.6	318.6	319.9	325.1	325.1
65°	287.3	284.7	283.4	283.4	282.0	282.0	282.0	283.4	284.7	288.6	288.6
67.5°	252.0	249.4	248.1	248.1	246.8	248.1	248.1	248.1	249.4	253.3	253.3
70°	218.1	216.8	212.8	214.1	212.8	214.1	214.1	212.8	214.1	218.1	218.1
72.5°	185.4	184.1	181.5	181.5	180.2	180.2	178.9	178.9	180.2	184.1	184.1
75°	154.1	151.5	150.2	150.2	148.9	146.2	148.9	147.6	147.6	151.5	151.5
77.5°	126.7	125.4	124.0	121.4	120.1	118.8	118.8	117.5	117.5	120.1	118.8
80°	99.2	96.6	95.3	95.3	94.0	92.7	91.4	90.1	90.1	91.4	91.4
82.5°	75.7	74.4	73.1	73.1	70.5	69.2	69.2	66.6	67.9	66.6	67.9
85°	60.1	57.5	56.1	54.8	53.5	50.9	50.9	48.3	48.3	47.0	47.0
87.5°	47.0	47.0	43.1	41.8	40.5	37.9	35.3	34.0	34.0	31.3	31.3
90°	36.6	36.6	34.0	32.6	30.0	27.4	26.1	23.5	22.2	20.9	19.6
92.5°	27.4	27.4	24.8	23.5	22.2	20.9	19.6	18.3	17.0	14.4	14.4
95°	19.6	18.3	17.0	17.0	15.7	15.7	14.4	13.1	11.8	10.4	10.4
97.5°	11.8	11.8	11.8	11.8	11.8	10.4	9.1	9.1	7.8	6.5	6.5
100°	6.5	6.5	6.5	7.8	6.5	6.5	6.5	5.2	5.2	3.9	3.9
102.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.6	2.6
105°	1.3	1.3	1.3	2.6	2.6	2.6	2.6	2.6	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: P571904

CATALOG NUMBER: 22ID-25-L840-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: P571904

CATALOG NUMBER: 22ID-25-L840-SWD

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7	929.7
2.5°	928.4	928.4	928.4	928.4	928.4	928.4	928.4	928.4	928.4	928.4	929.7
5°	925.8	925.8	925.8	925.8	927.1	927.1	927.1	927.1	927.1	927.1	927.1
7.5°	919.3	919.3	920.6	920.6	921.9	921.9	921.9	923.2	923.2	923.2	923.2
10°	912.7	912.7	914.0	915.4	915.4	916.7	916.7	918.0	918.0	919.3	919.3
12.5°	902.3	902.3	904.9	906.2	906.2	907.5	908.8	910.1	910.1	911.4	911.4
15°	889.2	890.5	891.8	894.5	895.8	898.4	898.4	901.0	902.3	902.3	903.6
17.5°	873.6	876.2	878.8	880.1	882.7	885.3	886.6	889.2	891.8	891.8	893.2
20°	856.6	859.2	863.1	864.4	867.0	871.0	872.3	874.9	877.5	880.1	880.1
22.5°	838.3	840.9	843.5	847.5	850.1	854.0	856.6	860.5	864.4	864.4	867.0
25°	814.8	818.7	822.6	825.3	829.2	834.4	838.3	840.9	846.1	847.5	848.8
27.5°	790.0	793.9	799.1	801.7	807.0	812.2	817.4	822.6	826.6	827.9	830.5
30°	763.9	767.8	773.0	778.2	783.5	790.0	795.2	800.4	807.0	807.0	809.6
32.5°	737.8	743.0	748.2	752.1	757.4	765.2	771.7	776.9	782.2	784.8	787.4
35°	709.0	715.6	720.8	724.7	731.2	739.1	745.6	750.8	757.4	760.0	763.9
37.5°	677.7	682.9	690.8	696.0	705.1	709.0	716.9	722.1	731.2	733.8	736.5
40°	647.7	651.6	659.4	664.6	671.2	680.3	686.8	696.0	702.5	703.8	707.7
42.5°	613.7	621.6	626.8	632.0	638.5	647.7	654.2	663.3	672.5	673.8	677.7
45°	581.1	587.6	592.8	599.4	605.9	615.0	624.2	632.0	638.5	641.1	645.1
47.5°	545.8	553.7	558.9	566.7	574.5	581.1	590.2	598.0	604.6	605.9	611.1
50°	511.9	518.4	522.3	528.8	539.3	545.8	552.3	562.8	568.0	571.9	574.5
52.5°	476.6	480.5	487.1	496.2	502.7	510.6	515.8	524.9	531.5	534.1	539.3
55°	441.4	446.6	449.2	455.7	466.2	470.1	480.5	485.8	494.9	494.9	497.5
57.5°	402.2	408.7	412.6	421.8	428.3	433.5	440.0	447.9	454.4	455.7	459.6
60°	366.9	372.1	376.1	385.2	390.4	395.7	402.2	410.0	415.2	416.5	421.8
62.5°	329.1	331.7	335.6	346.0	348.6	355.2	364.3	369.5	376.1	377.4	380.0
65°	292.5	296.4	297.7	305.6	308.2	313.4	322.5	327.8	331.7	334.3	334.3
67.5°	255.9	258.5	262.5	269.0	270.3	275.5	283.4	288.6	292.5	295.1	295.1
70°	218.1	222.0	225.9	232.4	232.4	239.0	244.2	249.4	254.6	255.9	257.2
72.5°	184.1	188.0	190.6	195.9	197.2	202.4	207.6	212.8	216.8	218.1	220.7
75°	152.8	154.1	155.4	160.6	161.9	169.8	172.4	176.3	180.2	181.5	181.5
77.5°	121.4	122.7	124.0	128.0	130.6	134.5	137.1	141.0	144.9	143.6	148.9
80°	92.7	92.7	94.0	97.9	100.5	103.2	105.8	108.4	111.0	112.3	116.2
82.5°	67.9	66.6	66.6	70.5	71.8	71.8	75.7	78.3	81.0	83.6	82.3
85°	47.0	45.7	45.7	47.0	47.0	49.6	50.9	52.2	54.8	56.1	56.1
87.5°	30.0	28.7	27.4	28.7	27.4	28.7	30.0	31.3	32.6	34.0	35.3
90°	19.6	17.0	15.7	15.7	14.4	14.4	14.4	14.4	15.7	15.7	17.0
92.5°	13.1	11.8	10.4	9.1	7.8	6.5	5.2	5.2	6.5	6.5	6.5
95°	9.1	7.8	6.5	5.2	3.9	3.9	2.6	1.3	1.3	1.3	1.3
97.5°	6.5	5.2	3.9	3.9	2.6	1.3	1.3	0.0	0.0	0.0	0.0
100°	3.9	2.6	2.6	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	2.6	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: P571904

CATALOG NUMBER: 22ID-25-L840-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: P571904

CATALOG NUMBER: 22ID-25-L840-SWD

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	929.7	929.7	929.7	929.7
2.5°	928.4	928.4	929.7	928.4
5°	927.1	927.1	928.4	927.1
7.5°	923.2	923.2	923.2	923.2
10°	919.3	919.3	920.6	919.3
12.5°	912.7	914.0	914.0	914.0
15°	904.9	904.9	904.9	904.9
17.5°	893.2	894.5	897.1	895.8
20°	881.4	882.7	885.3	884.0
22.5°	868.3	869.7	871.0	869.7
25°	851.4	852.7	854.0	854.0
27.5°	833.1	837.0	837.0	835.7
30°	812.2	817.4	818.7	817.4
32.5°	790.0	795.2	796.5	795.2
35°	767.8	770.4	774.3	773.0
37.5°	739.1	744.3	748.2	748.2
40°	711.7	718.2	720.8	720.8
42.5°	684.2	686.8	690.8	690.8
45°	651.6	655.5	659.4	660.7
47.5°	616.3	621.6	624.2	625.5
50°	581.1	586.3	588.9	590.2
52.5°	545.8	548.4	552.3	553.7
55°	505.3	509.3	513.2	514.5
57.5°	464.9	470.1	472.7	474.0
60°	424.4	430.9	433.5	433.5
62.5°	385.2	389.1	391.7	390.4
65°	344.7	348.6	349.9	349.9
67.5°	300.3	305.6	306.9	306.9
70°	261.2	265.1	267.7	266.4
72.5°	223.3	227.2	228.5	228.5
75°	186.7	189.3	190.6	191.9
77.5°	150.2	154.1	155.4	158.0
80°	116.2	120.1	122.7	125.4
82.5°	86.2	88.8	92.7	94.0
85°	58.8	62.7	65.3	66.6
87.5°	36.6	39.2	41.8	44.4
90°	18.3	20.9	23.5	26.1
92.5°	7.8	9.1	10.4	13.1
95°	2.6	2.6	3.9	3.9
97.5°	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0

TEST NUMBER: P571904

CATALOG NUMBER: 22ID-25-L840-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: P571904

CATALOG NUMBER: 22ID-25-L840-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	14.76	16.38	15.13	16.71	17.04	13.63	15.26	14.01	15.58	15.91
	3H	16.49	17.96	16.87	18.29	18.67	15.23	16.70	15.61	17.03	17.41
	4H	17.13	18.52	17.54	18.88	19.27	15.81	17.20	16.22	17.56	17.95
	6H	17.62	18.91	18.04	19.28	19.68	16.25	17.54	16.67	17.91	18.31
	8H	17.79	19.01	18.22	19.41	19.82	16.39	17.62	16.82	18.02	18.43
	12H	17.91	19.09	18.35	19.48	19.92	16.49	17.67	16.93	18.06	18.50
4H	2H	15.21	16.60	15.62	16.95	17.34	14.27	15.65	14.67	16.01	16.40
	3H	17.16	18.32	17.57	18.73	19.14	16.06	17.23	16.48	17.63	18.04
	4H	17.93	18.99	18.37	19.41	19.86	16.77	17.82	17.21	18.24	18.69
	6H	18.56	19.48	19.02	19.93	20.39	17.31	18.24	17.78	18.69	19.15
	8H	18.78	19.64	19.24	20.09	20.57	17.50	18.36	17.96	18.81	19.29
	12H	18.95	19.73	19.44	20.22	20.70	17.64	18.42	18.13	18.90	19.39
8H	4H	18.15	19.01	18.61	19.46	19.94	17.08	17.94	17.54	18.39	18.87
	6H	18.88	19.60	19.38	20.10	20.59	17.73	18.45	18.23	18.95	19.44
	8H	19.18	19.83	19.69	20.34	20.84	17.98	18.63	18.50	19.14	19.64
	12H	19.44	20.01	19.95	20.51	21.08	18.20	18.77	18.71	19.27	19.84
12H	4H	18.16	18.94	18.65	19.42	19.90	17.11	17.89	17.60	18.38	18.86
	6H	18.91	19.56	19.43	20.08	20.57	17.79	18.44	18.31	18.96	19.45
	8H	19.26	19.84	19.78	20.34	20.91	18.10	18.67	18.61	19.17	19.74