

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: SURE-LITES

Report Number: P29447

Luminaire Tested: **SELW25**

Test Date: 03/26/17

Test Information

Test Method: LM-79-08
Report Number: P29447
Test Lab: INNOVATION CENTER-P2
Test Date: 03/26/17
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: SURE-LITES
Catalog Number: SELW25
Description: EMERGENCY LIGHT WITH SEMI-FIXED OPTIC IN PERPENDICULAR POSITION
Light Source: (2) NICHIA 5000K LEDS
NFSW757DT-V1(2100)
Ballast/Driver: (1) AGILENT DC POWER SUPPLY (4.8VDC)
IN0011

Summary

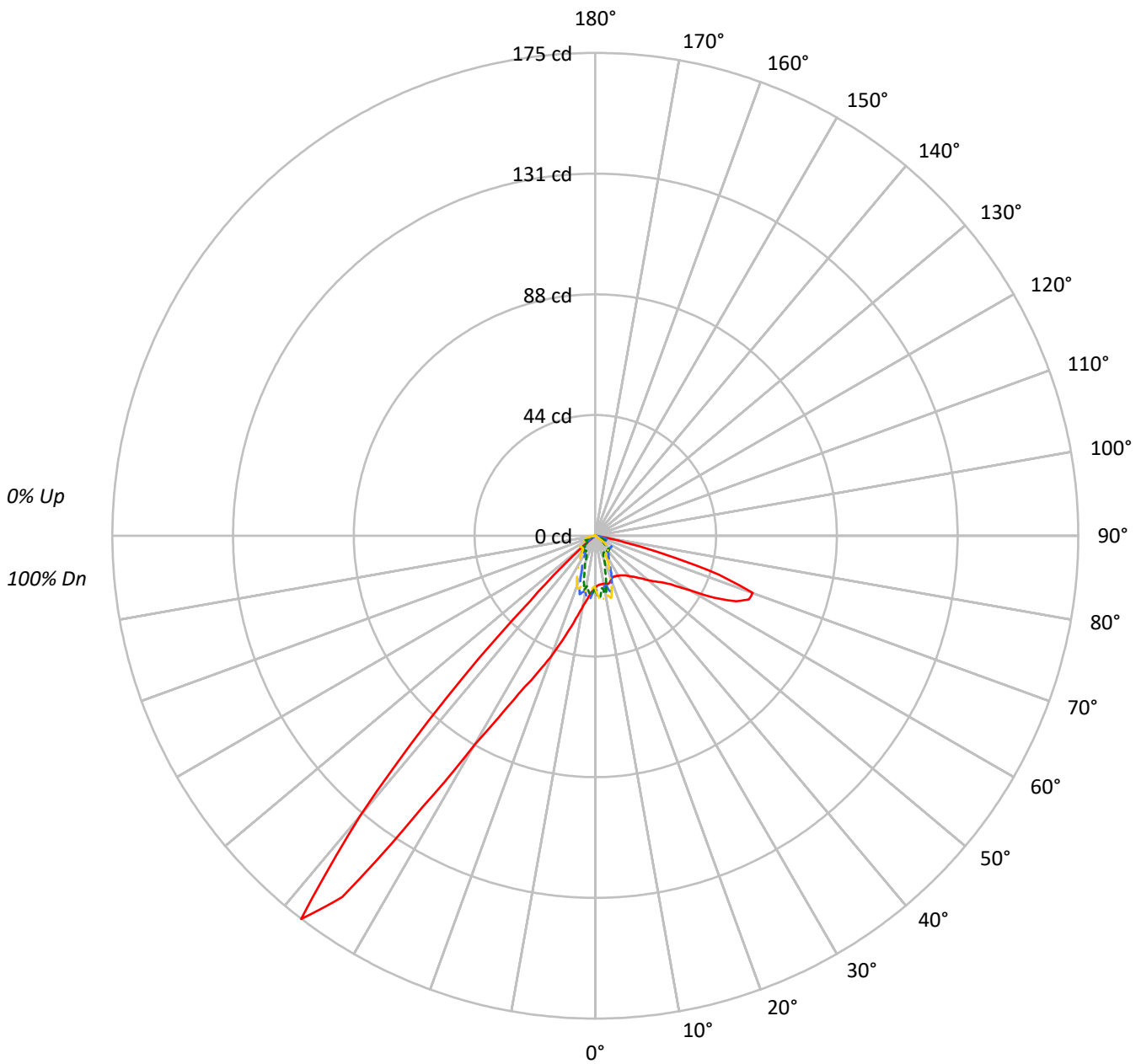
Lumens per Lamp: N/A
Luminaire Lumens: 59.7 lumens
Efficiency: N/A
Efficacy: 90.5 lumens/watt
Spacing Criteria (0/90/45): 2.01 / 0.69 / 0.94
Luminous Opening: Vertical Cylinder (Dia: 0.17' x H: 0.04')
CIE Type: Direct

Input Watts (W): 0.66
Input Voltage (V): 4.80
Input Current (Ain): 0.136
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): DC
Stabilization Time: 0.5 HR
Operation Time: 4 HR
Ambient Temperature (°C): 24.7
Test Distance: 25 FT



TEST NUMBER: P29447
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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - · 90°-270° - · - · 135°-315°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20					
RC	80					70					50					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	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	102	102	102	100					100			
1	109	104	100	96	106	102	98	94	97	94	91	93	91	88	90	88	86	84					84			
2	98	90	83	77	96	88	82	76	85	79	74	81	77	73	78	74	71	69					69			
3	90	79	70	64	87	77	69	63	74	68	62	71	66	61	69	64	60	58					58			
4	82	70	61	54	80	68	60	54	66	59	53	63	57	52	61	56	51	49					49			
5	75	62	53	46	73	61	53	46	59	51	46	57	50	45	55	49	45	42					42			
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37					37			
7	65	51	42	36	63	50	42	36	49	41	35	47	40	35	46	40	35	33					33			
8	60	47	38	32	59	46	38	32	44	37	32	43	36	32	42	36	31	29					29			
9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	28	26					26			
10	53	39	32	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24					24			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9325	9325	9325	9325
5°	8577	10601	10263	10167
10°	8396	10104	12334	8871
15°	8519	6589	16143	7624
20°	7952	4329	21833	5129
25°	7679	3318	28584	3460
30°	8037	3224	42062	3080
35°	8619	3349	78706	3251
40°	9708	3609	67299	3355
45°	11326	3705	17519	3599
50°	13967	2059	2003	1892
55°	17386	2306	296	2011
60°	25125	2672	254	2290
65°	39062	2637	278	2775
70°	46711	308	154	385
75°	22391	349	0	349
80°	2330	203	0	203
85°	488	122	0	244



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.0	3.3
10°-20°	5.7	9.5
20°-30°	8.0	13.4
30°-40°	12.2	20.5
40°-50°	9.4	15.7
50°-60°	7.1	11.9
60°-70°	9.4	15.8
70°-80°	5.6	9.4
80°-90°	0.3	0.5
90°-100°	0.0	0.0
100°-110°	0.0	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°	15.7	26.3
0°-40°	27.9	46.7
0°-60°	44.4	74.4
0°-90°	59.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	59.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	19	19	19	19	19	
5°	18	22	21	21	18	2
15°	18	14	34	16	18	5
25°	16	7	60	7	16	8
35°	18	7	160	7	18	11
45°	21	7	33	7	21	17
55°	29	4	0	3	29	27
65°	56	4	0	4	56	54
75°	26	0	0	0	26	30
85°	0	0	0	0	0	1
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	63°
0°	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
1°	18.6	18.8	18.8	19.3	19.5	19.5	19.8	20.0	20.4	20.4	20.5
2°	18.2	18.7	18.9	19.6	20.1	20.3	20.5	20.7	21.0	20.9	20.9
3°	18.0	18.4	18.9	19.9	20.3	20.3	20.6	21.2	21.2	21.2	21.2
4°	17.9	18.2	18.9	19.8	20.2	20.3	20.8	21.3	21.3	21.4	21.5
5°	17.8	18.2	19.0	20.0	20.1	20.3	21.0	21.5	21.6	21.6	21.6
6°	17.8	18.1	19.0	20.0	20.1	20.4	21.2	21.4	21.5	21.5	21.3
7°	17.7	18.1	19.0	19.7	20.2	20.8	21.1	20.1	20.1	20.1	19.8
8°	17.7	18.1	19.1	19.8	20.6	21.0	19.3	18.9	19.0	19.0	18.8
9°	17.7	17.8	18.9	19.7	21.0	19.7	18.5	18.6	18.7	18.6	18.5
10°	17.7	17.8	18.9	19.8	20.9	18.7	18.4	18.7	18.9	18.9	19.0
11°	17.7	17.8	19.1	20.5	20.6	18.5	18.7	20.0	20.2	20.4	20.7
12°	17.8	18.0	19.5	21.0	20.2	18.4	20.0	21.4	21.5	21.5	21.4
13°	17.9	18.0	19.9	21.2	19.7	18.9	21.1	20.4	20.1	19.9	19.3
14°	18.1	18.3	20.3	21.6	19.6	20.3	20.3	19.0	18.8	18.8	18.5
15°	18.1	18.3	20.6	21.7	19.6	20.9	18.8	18.1	18.1	17.9	17.6
16°	17.9	18.3	20.7	21.6	20.2	20.6	18.1	16.9	16.4	16.4	15.9
17°	17.8	18.3	20.8	21.7	21.0	20.4	17.1	15.7	15.5	15.3	15.1
18°	17.4	18.1	20.6	21.2	21.4	19.2	16.0	14.4	14.2	14.1	13.8
19°	17.2	17.8	20.2	20.2	21.2	18.3	15.1	13.5	13.2	13.1	12.9
20°	16.9	17.7	20.1	19.6	21.3	17.4	14.2	12.7	12.8	12.4	12.4
21°	16.6	17.5	20.0	19.4	21.1	16.5	13.4	12.2	12.1	11.6	11.4
22°	16.4	17.1	20.2	19.3	20.1	15.6	12.5	10.9	10.9	10.7	10.5
23°	16.4	17.0	20.7	19.4	18.8	14.8	11.3	10.4	10.4	10.0	10.0
24°	16.3	16.9	20.8	19.2	18.0	13.7	10.7	9.9	9.9	9.7	9.5
25°	16.2	16.7	20.8	19.6	17.2	13.1	10.0	9.5	9.4	9.3	9.1
26°	16.4	16.9	20.8	20.1	16.5	12.0	9.7	9.1	9.1	8.7	8.8
27°	16.5	17.0	20.4	20.8	15.6	11.4	9.4	8.6	8.4	8.4	8.3
28°	16.4	17.1	20.1	20.9	14.5	10.9	8.8	8.2	8.1	7.9	8.0
29°	16.7	17.5	20.1	20.9	14.0	10.7	8.7	8.0	8.0	7.9	7.7
30°	16.7	17.6	19.7	20.7	13.3	10.1	8.2	7.7	7.6	7.4	7.4
32.5°	17.0	18.2	19.8	20.2	12.1	8.8	7.7	7.3	7.2	7.1	7.1
35°	17.5	19.1	20.9	20.1	12.3	8.5	7.4	7.1	7.0	7.0	6.9
37.5°	18.1	19.8	21.7	18.8	11.6	7.5	7.1	7.0	7.0	6.9	6.9
40°	19.1	21.6	23.4	16.6	10.2	7.1	6.9	7.0	7.0	6.9	6.8
42.5°	20.1	23.9	25.7	15.5	8.1	6.8	6.8	7.0	7.0	6.9	6.9
45°	21.4	26.7	28.1	14.7	7.4	6.8	6.9	7.1	7.1	7.1	7.1
47.5°	23.0	29.7	30.6	14.5	7.0	6.9	7.1	7.4	7.3	7.3	7.2
50°	25.1	33.2	33.1	14.7	7.1	6.9	7.3	7.3	7.5	7.4	7.4
52.5°	27.2	37.4	36.0	14.6	7.1	7.0	7.3	7.2	7.2	7.0	7.0
55°	29.4	41.6	38.2	12.2	7.2	7.0	6.7	5.4	5.1	4.8	4.5
57.5°	32.9	47.1	38.7	10.6	7.6	7.1	4.6	3.8	3.8	3.7	3.7
60°	39.5	55.9	39.6	9.8	7.6	6.0	3.7	3.5	3.5	3.7	3.6
62.5°	48.6	68.4	42.1	9.1	7.6	4.3	3.6	3.7	3.6	3.8	3.8
65°	56.3	86.1	46.7	9.7	6.3	4.0	3.6	3.6	3.7	3.7	3.7



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	63°
67.5°	60.2	103.0	47.9	10.1	5.1	4.1	3.7	3.7	3.7	3.8	3.9
70°	60.7	99.9	46.3	9.5	5.6	4.3	4.0	4.0	4.0	4.0	3.9
72.5°	47.1	74.2	39.0	8.1	5.6	4.3	3.8	3.7	3.6	3.5	3.3
75°	25.7	37.8	24.7	7.9	5.6	4.1	2.9	1.9	1.7	1.4	1.3
77.5°	10.7	14.5	12.5	5.0	3.6	2.3	0.8	0.4	0.4	0.4	0.3
80°	2.3	4.2	4.3	2.5	1.6	0.4	0.3	0.3	0.3	0.2	0.3
82.5°	0.6	0.5	0.6	0.4	0.3	0.2	0.3	0.3	0.3	0.2	0.2
85°	0.4	0.5	0.3	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.3
87.5°	0.4	0.4	0.4	0.3	0.4	0.3	0.3	0.2	0.3	0.3	0.2
90°	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):

	64°	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°
0°	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
1°	20.4	20.3	20.4	20.3	20.5	20.5	20.6	20.5	20.7	20.4	20.6
2°	20.9	21.0	21.0	21.0	21.1	21.0	21.1	21.1	21.3	21.2	21.2
3°	21.3	21.3	21.2	21.3	21.4	21.5	21.5	21.5	21.6	21.4	21.7
4°	21.6	21.6	21.6	21.7	21.7	21.8	21.8	21.8	22.0	21.9	21.9
5°	21.8	21.8	21.7	21.7	21.8	21.8	21.9	21.9	21.8	21.8	21.7
6°	21.4	21.6	21.4	21.4	21.2	21.3	21.2	21.2	20.8	21.1	20.7
7°	19.7	20.0	19.8	19.8	19.5	19.6	19.6	19.5	19.2	19.4	19.2
8°	18.8	18.8	18.8	18.8	18.8	18.7	18.8	18.7	18.7	18.8	18.7
9°	18.6	18.7	18.8	18.6	18.8	18.9	18.9	18.8	19.0	18.9	19.1
10°	19.0	19.1	19.3	19.3	19.8	19.8	20.0	20.1	20.5	20.3	20.6
11°	20.6	20.7	21.0	21.0	21.3	21.2	21.5	21.4	21.4	21.4	21.2
12°	21.4	21.3	21.1	21.1	20.6	20.8	20.6	20.4	19.7	20.1	19.5
13°	19.3	19.3	19.0	19.0	18.7	18.6	18.8	18.6	18.4	18.4	18.2
14°	18.4	18.5	18.3	18.2	18.0	18.0	17.9	17.7	17.4	17.5	17.2
15°	17.5	17.6	17.0	16.9	16.6	16.5	16.6	16.1	15.7	15.8	15.3
16°	15.9	15.9	15.4	15.3	14.9	14.8	14.7	14.3	14.0	13.9	13.7
17°	14.6	14.6	14.0	14.0	13.6	13.6	13.4	13.1	12.9	12.9	12.7
18°	13.5	13.4	13.1	13.0	12.6	12.6	12.3	12.2	12.1	12.0	11.9
19°	12.6	12.3	12.2	12.2	12.1	12.0	11.9	11.8	11.6	11.7	11.6
20°	12.2	11.9	11.8	11.7	11.4	11.4	11.1	10.8	10.5	10.6	10.2
21°	11.0	10.8	10.5	10.4	10.2	10.1	10.1	9.8	9.7	9.6	9.5
22°	10.4	10.1	10.0	9.9	9.7	9.7	9.5	9.3	9.1	9.1	8.9
23°	9.9	9.7	9.6	9.5	9.3	9.2	9.0	8.8	8.7	8.6	8.5
24°	9.3	9.1	9.0	8.9	8.7	8.6	8.6	8.5	8.2	8.3	8.1
25°	8.8	8.8	8.6	8.5	8.3	8.2	8.1	7.9	7.8	7.7	7.7
26°	8.5	8.4	8.2	8.1	8.0	7.9	7.8	7.7	7.6	7.6	7.4
27°	8.2	8.1	7.9	7.9	7.8	7.7	7.6	7.5	7.5	7.4	7.3
28°	7.8	7.7	7.7	7.6	7.5	7.4	7.3	7.2	7.3	7.1	7.0
29°	7.7	7.7	7.5	7.5	7.4	7.3	7.3	7.3	7.3	7.2	7.0
30°	7.2	7.2	7.2	7.1	7.1	7.0	7.0	7.0	7.1	7.0	6.9
32.5°	6.9	7.0	6.9	6.9	6.9	6.8	6.9	6.8	6.8	6.8	6.8
35°	7.0	6.9	6.9	6.9	6.9	6.8	6.9	6.9	6.8	6.7	6.8
37.5°	6.9	6.9	6.9	6.8	6.8	6.8	6.8	6.9	6.7	6.8	6.8
40°	7.0	6.9	6.8	6.9	6.9	6.8	6.8	6.8	6.8	6.9	6.9
42.5°	7.1	7.0	6.9	7.0	7.0	7.1	7.1	7.1	7.1	7.0	7.1
45°	7.1	7.1	7.1	7.2	7.2	7.2	7.3	7.3	7.4	7.3	7.4
47.5°	7.4	7.4	7.3	7.4	7.4	7.5	7.5	7.5	7.4	7.6	7.4
50°	7.4	7.3	7.4	7.4	7.3	7.2	7.1	6.7	6.6	6.2	6.1
52.5°	6.7	6.4	5.9	5.6	5.4	5.0	4.7	4.5	4.3	4.0	3.9
55°	4.3	4.1	4.0	3.8	3.7	3.7	3.8	3.7	3.7	3.7	3.6
57.5°	3.7	3.6	3.7	3.7	3.7	3.6	3.7	3.7	3.6	3.7	3.6
60°	3.6	3.6	3.7	3.7	3.6	3.5	3.6	3.7	3.6	3.7	3.7
62.5°	3.8	3.7	3.9	3.9	3.9	3.9	4.0	3.9	3.9	4.0	3.9
65°	3.7	3.8	3.8	3.9	4.0	4.1	4.1	4.3	4.1	4.2	4.2



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CANDELA DISTRIBUTION (continued):

	64°	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°
67.5°	3.9	4.0	3.9	4.1	4.2	4.1	4.1	4.3	4.1	4.3	4.2
70°	4.1	4.0	4.1	4.0	4.1	4.2	4.1	4.0	3.9	3.7	3.6
72.5°	3.4	3.0	3.0	2.7	2.5	2.3	1.8	1.8	1.5	1.3	1.1
75°	1.3	1.0	0.9	0.9	0.7	0.5	0.5	0.4	0.4	0.3	0.3
77.5°	0.3	0.4	0.3	0.4	0.3	0.4	0.3	0.2	0.3	0.3	0.3
80°	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.2	0.3	0.2	0.2
82.5°	0.3	0.2	0.3	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1
85°	0.1	0.2	0.3	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2
87.5°	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90°	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):

	75°	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°
0°	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
1°	20.5	20.6	20.5	20.8	20.9	20.7	20.9	20.7	20.8	20.9	20.9
2°	21.1	21.2	21.2	21.3	21.4	21.2	21.5	21.3	21.5	21.4	21.6
3°	21.6	21.6	21.6	21.8	21.9	21.8	21.9	21.9	22.1	22.2	22.2
4°	22.0	21.8	21.9	22.1	22.1	22.2	22.2	22.3	22.2	22.4	22.3
5°	21.8	21.6	21.6	21.8	22.0	21.9	21.9	22.0	22.0	21.9	22.0
6°	20.9	20.8	20.5	20.7	21.0	20.8	20.6	20.8	20.7	20.4	20.4
7°	19.3	19.2	19.1	19.2	19.3	19.3	19.2	19.3	19.3	19.3	19.3
8°	18.8	18.8	18.8	18.9	18.9	18.9	19.0	19.0	19.0	19.0	19.2
9°	19.0	19.2	19.3	19.6	19.4	19.6	19.8	19.8	19.9	20.1	20.1
10°	20.4	20.7	20.9	21.0	20.9	21.0	21.2	21.2	21.3	21.3	21.3
11°	21.3	21.0	21.0	21.1	21.3	21.2	21.1	21.1	21.1	21.0	21.0
12°	19.9	19.2	19.1	19.2	19.4	19.2	19.1	19.2	19.1	19.0	19.0
13°	18.3	18.1	17.9	18.0	18.2	18.1	17.8	17.9	17.8	17.7	17.8
14°	17.3	17.0	16.8	16.7	17.0	16.9	16.5	16.8	16.5	16.3	16.2
15°	15.4	15.0	14.8	14.7	15.0	14.8	14.5	14.6	14.5	14.3	14.3
16°	13.7	13.4	13.2	13.2	13.3	13.2	12.9	13.0	12.9	12.8	12.8
17°	12.8	12.4	12.3	12.3	12.2	12.3	12.2	12.4	12.2	12.4	12.1
18°	11.9	11.8	11.7	11.8	11.7	11.8	11.7	11.7	11.8	11.7	11.7
19°	11.6	11.4	11.4	11.3	11.2	11.4	11.2	11.3	11.3	11.2	11.1
20°	10.4	10.2	10.1	9.9	9.8	10.0	9.7	9.7	9.6	9.6	9.5
21°	9.5	9.2	9.0	9.0	9.0	9.0	8.7	8.7	8.7	8.7	8.7
22°	8.7	8.7	8.5	8.5	8.6	8.5	8.3	8.4	8.2	8.2	8.0
23°	8.2	8.1	8.0	8.1	8.0	8.0	7.9	7.9	7.8	7.8	7.7
24°	7.8	7.8	7.7	7.6	7.6	7.5	7.5	7.5	7.6	7.4	7.4
25°	7.6	7.4	7.4	7.3	7.3	7.4	7.2	7.2	7.2	7.2	7.1
26°	7.3	7.3	7.3	7.3	7.3	7.2	7.2	7.1	7.1	7.1	7.2
27°	7.2	7.1	7.1	7.1	7.1	7.1	7.0	7.1	6.9	7.0	6.9
28°	7.1	7.0	6.9	7.0	6.9	6.9	6.9	6.9	6.8	7.0	6.9
29°	7.2	7.0	7.1	7.1	7.1	7.1	7.1	7.0	7.1	7.1	7.0
30°	7.0	6.8	6.9	6.9	7.0	6.9	6.9	6.8	6.8	6.8	6.7
32.5°	6.9	6.8	6.7	6.9	6.8	6.6	6.8	6.7	6.7	6.8	6.7
35°	6.8	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.9	6.9
37.5°	6.8	6.8	6.7	6.7	6.8	6.8	6.8	6.9	6.9	6.9	7.1
40°	6.8	6.8	6.9	7.0	7.0	7.0	7.0	7.1	7.1	7.2	7.1
42.5°	7.1	7.1	7.1	7.3	7.3	7.3	7.3	7.3	7.4	7.3	7.2
45°	7.4	7.4	7.3	7.4	7.4	7.5	7.4	7.4	7.4	7.4	7.3
47.5°	7.5	7.5	7.3	7.2	7.1	6.8	6.8	6.4	6.1	5.8	5.5
50°	5.6	5.6	5.0	4.9	4.7	4.4	4.4	4.1	3.9	3.9	3.9
52.5°	3.8	3.8	3.8	3.7	3.8	3.8	3.9	3.8	3.8	3.8	3.8
55°	3.7	3.6	3.6	3.6	3.7	3.7	3.6	3.6	3.6	3.6	3.6
57.5°	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.7	3.8	3.8	3.8
60°	3.7	3.7	3.8	3.7	3.8	3.8	3.9	3.9	4.0	4.0	3.9
62.5°	3.9	3.9	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.1
65°	4.3	4.3	4.1	4.3	4.3	4.3	4.3	4.3	4.4	4.3	4.5



TEST NUMBER: P29447
 CATALOG NUMBER: SELW25

CANDELA DISTRIBUTION (continued):

	75°	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°
67.5°	4.4	4.4	4.3	4.4	4.2	4.0	4.0	3.7	3.4	3.2	2.9
70°	3.2	3.0	2.7	2.4	1.8	1.5	1.5	1.2	1.0	0.8	0.6
72.5°	0.9	0.8	0.6	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.4
75°	0.4	0.3	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.5
77.5°	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.1	0.3	0.2
80°	0.3	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
82.5°	0.3	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.3	0.2
85°	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.1
87.5°	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P29447
 CATALOG NUMBER: SELW25

CANDELA DISTRIBUTION (continued):

	86°	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°
0°	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
1°	21.0	21.0	20.9	21.0	20.6	20.7	21.0	20.3	20.3	20.2	19.9
2°	21.6	21.6	21.6	21.7	21.6	21.6	21.6	21.4	21.4	21.3	21.1
3°	22.1	22.2	22.2	22.3	22.4	22.3	22.5	22.1	22.1	21.9	21.8
4°	22.4	22.4	22.5	22.5	22.5	22.7	23.0	22.9	23.2	23.0	22.5
5°	22.0	22.0	21.9	22.0	22.0	22.1	22.2	22.9	23.6	24.1	23.6
6°	20.4	20.5	20.6	20.4	20.2	20.7	20.8	21.8	22.8	24.0	24.8
7°	19.2	19.2	19.2	19.2	19.2	19.4	19.6	20.2	21.7	23.5	25.1
8°	19.1	19.3	19.2	19.3	19.3	19.2	19.4	19.5	20.7	22.3	24.9
9°	20.2	20.3	20.2	20.3	20.5	20.3	20.4	20.0	20.2	21.3	24.6
10°	21.3	21.3	21.3	21.2	21.3	21.2	21.0	20.9	21.0	21.1	23.7
11°	20.9	21.0	21.0	20.8	20.8	21.0	21.1	21.2	21.6	21.9	23.1
12°	19.1	18.9	18.9	18.9	18.8	19.0	19.5	21.2	21.9	22.2	23.1
13°	17.7	17.7	17.7	17.6	17.5	17.7	17.8	19.5	22.0	22.6	23.5
14°	16.1	16.0	16.1	15.9	15.8	15.9	16.4	18.2	20.6	23.3	24.2
15°	14.1	14.1	14.1	13.9	14.0	14.1	14.4	16.2	19.0	22.9	24.6
16°	12.8	12.8	12.8	12.7	12.7	12.8	13.1	14.4	17.1	21.4	25.3
17°	12.1	12.1	12.1	12.1	12.1	12.2	12.4	13.4	15.5	20.1	25.7
18°	11.7	11.7	11.7	11.7	11.6	11.7	11.9	12.5	14.4	18.4	25.4
19°	10.9	11.0	10.8	10.8	10.8	11.1	11.5	12.0	13.2	16.7	24.5
20°	9.4	9.3	9.3	9.3	9.2	9.2	9.7	11.6	12.6	15.5	23.2
21°	8.6	8.4	8.4	8.3	8.3	8.2	8.3	10.0	12.3	14.3	21.7
22°	8.1	8.0	7.9	7.9	7.8	7.7	7.6	8.6	11.5	13.6	20.1
23°	7.6	7.6	7.6	7.6	7.4	7.4	7.3	7.6	10.0	13.0	18.6
24°	7.3	7.3	7.3	7.2	7.2	7.2	7.0	7.2	8.7	12.4	17.2
25°	7.0	7.0	7.0	7.1	7.0	7.0	6.8	7.1	7.7	11.3	15.9
26°	7.1	7.0	6.9	6.9	6.9	7.0	6.8	7.0	7.2	10.1	15.2
27°	7.0	7.0	6.9	6.8	6.8	6.8	6.7	6.9	7.1	8.8	14.4
28°	6.9	6.8	6.8	6.7	6.8	6.8	6.7	6.7	6.9	7.9	13.7
29°	7.0	6.9	6.9	7.0	6.9	6.8	6.9	6.9	7.1	7.6	12.8
30°	6.8	6.8	6.7	6.6	6.7	6.7	6.6	6.6	6.9	7.1	11.5
32.5°	6.7	6.8	6.7	6.7	6.8	6.6	6.5	6.6	6.8	7.2	8.8
35°	6.9	6.8	6.8	6.9	6.8	6.6	6.6	6.6	7.0	7.6	8.5
37.5°	7.1	7.0	6.8	6.8	6.9	6.7	6.6	6.9	7.5	8.1	9.1
40°	7.0	7.1	7.1	7.0	7.1	6.9	6.9	7.1	7.3	7.5	8.6
42.5°	7.4	7.3	7.3	7.2	7.2	7.1	6.6	5.5	5.2	5.6	6.8
45°	7.4	7.2	7.2	7.0	7.0	5.8	4.4	3.8	4.0	4.5	6.6
47.5°	5.5	5.2	5.0	4.8	4.7	3.9	3.7	3.6	3.8	4.8	6.6
50°	3.8	3.8	3.8	3.8	3.7	3.7	3.6	3.6	4.0	5.1	5.1
52.5°	3.6	3.8	3.8	3.8	3.7	3.8	3.7	3.8	4.8	4.3	2.5
55°	3.7	3.7	3.8	3.7	3.9	4.1	3.9	4.4	3.9	2.0	0.6
57.5°	3.9	3.9	3.9	3.9	4.0	4.4	4.2	3.9	1.8	0.5	0.6
60°	3.9	4.0	4.1	4.2	4.2	4.3	4.1	1.5	0.5	0.3	0.4
62.5°	4.3	4.3	4.3	4.3	4.3	4.4	1.8	0.4	0.4	0.3	0.4
65°	4.3	4.2	4.1	4.1	3.8	1.9	0.4	0.3	0.2	0.3	0.1



TEST NUMBER: P29447
CATALOG NUMBER: SELW25

CANDELA DISTRIBUTION (continued):

	86°	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°
67.5°	2.5	2.0	1.6	1.4	1.1	0.4	0.4	0.4	0.3	0.2	0.2
70°	0.6	0.4	0.3	0.4	0.4	0.3	0.3	0.4	0.4	0.1	0.2
72.5°	0.3	0.2	0.3	0.3	0.2	0.2	0.3	0.2	0.2	0.0	0.1
75°	0.4	0.4	0.3	0.4	0.4	0.3	0.4	0.3	0.1	0.2	0.1
77.5°	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.0
80°	0.2	0.1	0.0	0.2	0.2	0.1	0.2	0.2	0.0	0.0	0.0
82.5°	0.2	0.2	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0
85°	0.1	0.0	0.0	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P29447
 CATALOG NUMBER: SELW25

CANDELA DISTRIBUTION (continued):

	155°	165°	175°	180°	185°	195°	205°	215°	225°	235°	245°
0°	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
1°	19.9	19.4	19.5	19.2	19.0	18.9	18.6	18.8	18.8	19.0	18.9
2°	20.8	20.1	20.1	19.5	19.3	19.2	18.9	19.6	19.9	20.4	20.4
3°	21.7	20.8	20.8	20.1	19.8	19.5	19.9	20.9	21.2	21.5	21.3
4°	22.4	21.8	21.5	20.4	20.3	20.5	21.0	21.5	22.1	22.6	22.2
5°	23.3	22.6	22.4	21.3	20.9	21.6	21.7	22.7	23.3	23.4	22.1
6°	24.5	23.5	23.2	22.0	21.6	22.7	22.7	23.8	23.5	22.9	21.9
7°	25.7	24.6	24.3	23.0	22.6	23.3	23.8	24.2	23.4	22.5	20.9
8°	26.5	25.3	25.1	24.0	23.8	24.3	24.8	24.2	22.9	21.2	19.5
9°	26.7	26.4	25.6	24.8	24.8	25.3	25.0	24.2	21.6	20.0	19.1
10°	26.9	27.4	26.6	26.0	26.0	26.2	25.5	23.5	20.6	19.8	19.3
11°	27.3	28.4	27.6	27.4	27.1	27.2	26.0	22.8	20.3	20.1	19.7
12°	27.4	29.3	29.1	28.9	28.3	28.0	26.3	22.3	20.8	20.6	20.1
13°	27.4	30.0	30.2	30.5	29.8	28.8	26.2	22.3	21.0	20.8	19.0
14°	27.3	31.2	32.0	32.5	31.4	29.9	26.5	22.9	21.7	20.1	17.9
15°	27.3	31.8	33.5	34.3	33.0	30.6	26.5	23.2	22.0	18.8	16.6
16°	27.8	32.8	35.5	36.3	34.6	31.5	26.7	23.4	20.8	17.7	14.9
17°	28.5	33.5	37.4	38.6	36.6	32.3	27.1	23.9	19.6	15.8	13.4
18°	28.8	34.2	39.2	41.1	38.1	32.9	27.6	23.7	18.2	14.2	12.2
19°	29.5	35.0	41.2	43.4	40.2	33.4	28.0	23.1	16.2	13.0	11.3
20°	30.1	35.9	43.3	46.4	42.5	34.3	28.6	21.8	14.9	12.1	10.7
21°	30.4	37.7	45.5	48.7	44.5	35.0	29.0	20.1	13.9	11.5	10.3
22°	31.0	39.0	47.9	51.4	47.3	36.5	29.4	18.0	12.9	11.2	9.2
23°	30.6	41.2	50.4	54.3	49.9	38.0	29.2	16.9	12.3	10.4	8.0
24°	30.4	42.9	52.9	57.4	52.3	39.6	28.7	15.9	11.7	8.9	7.3
25°	29.5	44.9	55.1	60.3	54.8	41.3	27.4	14.7	11.4	7.9	7.0
26°	28.5	46.9	58.4	64.1	58.0	42.7	25.5	14.0	10.4	7.4	6.8
27°	27.2	48.6	63.7	69.0	62.5	44.1	23.5	13.4	9.0	7.1	6.6
28°	25.7	50.6	68.8	74.5	67.7	45.1	21.5	12.8	8.0	6.8	6.5
29°	24.4	53.2	74.6	80.4	72.9	46.5	19.6	12.3	7.5	6.9	6.7
30°	22.6	54.4	79.5	87.4	78.9	46.7	17.9	11.3	7.2	6.8	6.5
32.5°	20.1	56.8	105.6	116.5	104.7	46.4	16.0	8.7	7.1	6.8	6.4
35°	18.4	62.5	144.3	159.8	135.8	47.1	14.6	8.2	7.3	6.7	6.3
37.5°	16.3	60.5	164.7	175.1	147.4	51.9	13.0	8.8	7.8	6.8	6.4
40°	14.9	50.5	125.9	132.4	114.5	44.2	11.9	8.7	7.6	7.1	6.7
42.5°	11.4	37.9	83.1	79.7	71.1	32.4	10.6	6.8	5.6	5.6	6.2
45°	9.3	24.3	34.8	33.1	31.0	18.7	9.1	6.3	4.2	3.9	4.0
47.5°	6.9	10.1	13.3	12.8	12.2	6.2	5.5	5.9	4.2	3.5	3.5
50°	3.2	3.5	4.7	3.6	3.5	3.1	2.5	4.6	4.5	3.6	3.4
52.5°	1.7	1.3	0.8	0.9	0.9	0.9	1.3	2.3	4.0	4.0	3.4
55°	0.5	0.4	0.4	0.5	0.4	0.5	0.4	0.7	2.0	3.9	3.7
57.5°	0.4	0.3	0.3	0.4	0.4	0.3	0.4	0.5	0.6	1.8	3.7
60°	0.2	0.1	0.4	0.4	0.4	0.2	0.2	0.3	0.3	0.4	1.7
62.5°	0.1	0.1	0.5	0.7	0.3	0.2	0.1	0.4	0.4	0.3	0.4
65°	0.1	0.1	0.2	0.4	0.0	0.2	0.2	0.1	0.2	0.2	0.4



TEST NUMBER: P29447
 CATALOG NUMBER: SELW25

CANDELA DISTRIBUTION (continued):

	155°	165°	175°	180°	185°	195°	205°	215°	225°	235°	245°
67.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3
70°	0.0	0.1	0.1	0.2	0.1	0.2	0.1	0.3	0.2	0.3	0.4
72.5°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2	0.2
75°	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P29447
 CATALOG NUMBER: SELW25

CANDELA DISTRIBUTION (continued):

	255°	260°	265°	270°	271°	272°	273°	274°	275°	276°	277°
0°	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
1°	18.9	18.8	18.8	19.2	19.0	18.9	18.9	18.8	18.8	18.9	18.7
2°	20.4	20.2	20.1	20.4	20.3	20.1	20.1	20.1	20.1	20.1	20.0
3°	21.2	21.0	20.9	21.1	21.1	21.0	20.8	21.0	20.9	20.8	20.7
4°	22.0	21.6	21.7	21.6	21.5	21.5	21.4	21.4	21.2	21.2	21.2
5°	21.4	21.1	21.2	21.1	21.0	20.9	21.0	20.9	20.8	20.8	20.7
6°	21.3	20.9	21.2	20.9	21.0	20.9	20.8	20.8	20.7	20.7	20.8
7°	20.2	19.8	20.3	20.3	19.8	20.0	19.9	19.7	19.9	19.7	20.0
8°	19.3	18.9	18.9	18.9	18.7	18.8	18.7	18.5	18.7	18.5	18.8
9°	18.9	18.7	18.7	18.5	18.3	18.3	18.3	18.1	18.1	18.2	18.1
10°	19.3	19.2	19.2	18.7	18.8	18.7	18.6	18.6	18.4	18.4	18.2
11°	19.9	19.9	20.2	19.6	19.6	19.4	19.3	19.3	19.2	19.2	19.1
12°	20.0	20.1	20.2	20.1	19.8	19.8	19.7	19.6	19.6	19.4	19.5
13°	18.0	18.1	18.3	18.1	17.8	17.8	17.6	17.5	17.6	17.5	17.7
14°	17.2	17.4	17.5	17.3	17.3	17.1	17.1	17.1	16.8	16.7	16.9
15°	15.5	15.7	15.7	16.2	16.1	16.0	16.0	15.8	15.8	15.8	16.0
16°	13.7	14.0	14.1	14.4	14.4	14.2	14.1	14.1	14.0	14.0	14.2
17°	12.4	12.6	12.8	13.2	13.2	13.1	12.9	13.0	12.9	12.9	12.9
18°	11.4	11.6	11.7	12.1	12.2	12.1	12.1	12.0	11.8	12.1	12.0
19°	11.0	11.0	11.1	11.4	11.4	11.3	11.3	11.2	11.0	11.2	11.2
20°	10.6	10.6	10.7	10.9	11.0	10.9	10.9	10.8	11.0	10.8	10.8
21°	9.5	9.3	9.1	9.5	9.7	9.5	9.7	9.6	10.1	10.1	9.9
22°	8.1	8.2	8.4	8.7	8.7	8.7	8.8	8.9	8.9	9.1	9.0
23°	7.7	7.6	7.9	8.1	8.2	8.3	8.4	8.3	8.5	8.5	8.7
24°	7.2	7.2	7.4	7.7	7.8	7.7	7.8	8.0	8.2	8.3	8.3
25°	6.8	6.9	7.1	7.3	7.3	7.4	7.5	7.7	7.7	7.9	7.9
26°	6.8	6.8	6.9	7.1	7.2	7.2	7.3	7.2	7.4	7.5	7.5
27°	6.6	6.6	6.6	6.9	6.9	6.9	7.0	7.1	7.0	7.2	7.2
28°	6.4	6.4	6.5	6.7	6.7	6.6	6.7	6.8	6.8	6.8	6.9
29°	6.5	6.5	6.6	6.7	6.6	6.6	6.7	6.7	6.8	6.8	6.8
30°	6.3	6.4	6.4	6.4	6.5	6.5	6.4	6.4	6.5	6.5	6.5
32.5°	6.2	6.2	6.5	6.4	6.3	6.3	6.3	6.2	6.4	6.2	6.4
35°	6.2	6.2	6.5	6.6	6.4	6.5	6.4	6.3	6.3	6.2	6.2
37.5°	6.3	6.2	6.3	6.6	6.6	6.6	6.5	6.4	6.4	6.4	6.3
40°	6.4	6.2	6.5	6.6	6.6	6.7	6.7	6.6	6.5	6.5	6.5
42.5°	6.6	6.6	6.8	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
45°	4.7	5.4	6.3	6.8	6.9	6.9	6.9	6.9	7.0	7.0	7.0
47.5°	3.3	3.4	3.9	4.9	5.3	5.6	5.6	6.0	6.3	6.4	6.7
50°	3.2	3.2	3.2	3.4	3.4	3.5	3.5	3.6	3.8	4.0	4.2
52.5°	3.4	3.5	3.3	3.3	3.4	3.3	3.4	3.4	3.4	3.4	3.4
55°	3.5	3.6	3.4	3.4	3.4	3.4	3.3	3.3	3.4	3.4	3.4
57.5°	3.7	3.8	3.6	3.6	3.4	3.5	3.4	3.5	3.5	3.4	3.3
60°	3.8	3.9	4.0	3.6	3.7	3.6	3.6	3.5	3.5	3.4	3.6
62.5°	2.4	3.7	4.1	3.9	3.8	3.8	3.8	3.8	3.9	3.8	3.8
65°	0.6	1.4	3.0	4.0	4.0	3.9	4.1	4.0	4.0	3.9	4.0



TEST NUMBER: P29447
CATALOG NUMBER: SELW25

CANDELA DISTRIBUTION (continued):

	255°	260°	265°	270°	271°	272°	273°	274°	275°	276°	277°
67.5°	0.4	0.4	0.7	1.4	1.8	2.2	2.7	3.1	3.2	3.5	3.7
70°	0.4	0.4	0.3	0.5	0.4	0.5	0.7	0.7	0.9	1.1	1.3
72.5°	0.3	0.3	0.2	0.4	0.3	0.4	0.4	0.3	0.3	0.3	0.3
75°	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4
77.5°	0.2	0.2	0.2	0.3	0.3	0.2	0.3	0.4	0.3	0.3	0.3
80°	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.2
82.5°	0.2	0.1	0.2	0.2	0.2	0.2	0.0	0.1	0.1	0.2	0.2
85°	0.0	0.1	0.1	0.2	0.0	0.1	0.1	0.1	0.1	0.1	0.1
87.5°	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P29447
 CATALOG NUMBER: SELW25

CANDELA DISTRIBUTION (continued):

	278°	279°	280°	281°	282°	283°	284°	285°	286°	287°	288°
0°	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
1°	18.8	18.7	18.6	18.7	18.7	18.5	18.6	18.5	18.6	18.4	18.3
2°	20.0	19.8	19.8	19.9	19.8	19.7	19.7	19.5	19.8	19.5	19.3
3°	20.9	20.7	20.7	20.8	20.6	20.4	20.5	20.6	20.6	20.3	20.3
4°	21.1	21.0	21.0	21.0	21.0	20.9	20.9	20.8	20.8	20.6	20.5
5°	20.7	20.7	20.6	20.6	20.6	20.6	20.5	20.6	20.4	20.4	20.4
6°	20.7	20.8	20.7	20.8	20.6	20.5	20.6	20.6	20.4	20.4	20.4
7°	19.9	20.1	20.0	20.0	20.1	20.3	20.1	20.3	20.1	20.2	20.3
8°	18.6	18.7	18.7	18.8	18.6	18.8	18.8	18.9	18.8	18.9	19.1
9°	18.2	18.1	18.0	18.1	18.1	18.0	18.0	18.0	17.9	17.9	17.9
10°	18.1	18.0	18.0	18.0	18.0	17.8	17.8	17.8	17.7	17.8	17.8
11°	19.1	18.8	18.7	18.7	18.6	18.4	18.3	18.2	18.3	18.1	17.8
12°	19.4	19.4	19.4	19.4	19.3	19.2	19.2	19.2	19.2	19.1	18.8
13°	17.5	17.8	17.7	17.8	17.9	18.2	18.3	18.6	18.9	18.7	19.0
14°	16.8	17.0	16.9	17.0	16.7	16.8	16.9	17.0	17.3	17.1	17.3
15°	15.9	16.1	16.0	16.0	16.1	16.1	16.1	16.4	16.5	16.5	16.6
16°	14.1	14.4	14.3	14.4	14.5	14.8	15.0	15.2	15.5	15.4	15.8
17°	13.0	13.2	13.1	13.2	13.2	13.3	13.6	13.7	14.0	13.9	14.1
18°	11.9	12.2	12.1	12.1	12.2	12.5	12.6	12.7	12.8	12.8	13.0
19°	11.2	11.2	11.2	11.3	11.4	11.6	11.6	11.7	12.0	12.0	12.1
20°	10.8	10.8	10.8	10.8	10.8	10.9	10.9	11.0	11.2	11.2	11.4
21°	10.0	10.2	10.1	10.2	10.2	10.4	10.6	10.5	10.5	10.5	10.7
22°	9.1	9.2	9.2	9.2	9.3	9.4	9.5	9.6	9.8	9.7	10.1
23°	8.7	8.8	8.9	8.9	8.9	9.0	8.9	9.0	9.2	9.1	9.2
24°	8.4	8.5	8.5	8.6	8.5	8.6	8.7	8.7	8.8	8.8	8.8
25°	8.1	8.1	8.2	8.2	8.2	8.4	8.4	8.5	8.5	8.5	8.5
26°	7.7	7.7	7.9	8.0	8.1	8.2	8.2	8.3	8.3	8.2	8.4
27°	7.3	7.3	7.4	7.5	7.6	7.8	7.9	7.9	8.1	8.1	8.2
28°	7.0	7.1	7.1	7.2	7.3	7.3	7.4	7.5	7.7	7.5	7.7
29°	6.9	7.1	7.0	7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.5
30°	6.6	6.7	6.7	6.8	6.7	6.9	6.7	6.9	7.0	6.9	7.1
32.5°	6.4	6.4	6.2	6.4	6.3	6.5	6.4	6.5	6.6	6.5	6.5
35°	6.3	6.3	6.3	6.4	6.3	6.3	6.3	6.4	6.4	6.4	6.4
37.5°	6.4	6.3	6.4	6.2	6.3	6.2	6.3	6.3	6.4	6.3	6.3
40°	6.5	6.5	6.4	6.4	6.3	6.4	6.3	6.5	6.3	6.3	6.2
42.5°	6.7	6.6	6.6	6.7	6.6	6.7	6.6	6.5	6.5	6.4	6.5
45°	6.9	7.0	6.9	6.9	6.9	6.9	6.8	6.8	6.9	6.7	6.6
47.5°	6.8	6.8	6.9	7.0	7.1	7.1	7.0	7.0	7.1	6.9	6.9
50°	4.4	4.6	4.7	5.5	5.8	6.0	6.5	6.5	6.8	6.9	6.9
52.5°	3.4	3.4	3.4	3.5	3.5	3.6	4.0	4.1	4.4	4.7	4.8
55°	3.4	3.4	3.4	3.6	3.4	3.5	3.5	3.5	3.5	3.5	3.5
57.5°	3.4	3.5	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.4	3.6
60°	3.5	3.6	3.5	3.5	3.4	3.3	3.5	3.4	3.4	3.3	3.4
62.5°	3.7	3.7	3.8	3.6	3.6	3.7	3.6	3.6	3.6	3.6	3.6
65°	4.0	3.9	4.0	4.0	4.0	4.0	4.0	3.9	4.0	3.9	3.8



TEST NUMBER: P29447
 CATALOG NUMBER: SELW25

CANDELA DISTRIBUTION (continued):

	278°	279°	280°	281°	282°	283°	284°	285°	286°	287°	288°
67.5°	3.7	4.0	4.1	4.2	4.2	4.1	4.2	4.1	4.2	4.1	4.0
70°	1.6	1.8	2.2	2.5	3.0	3.2	3.5	3.8	3.8	4.0	4.0
72.5°	0.4	0.3	0.4	0.6	0.7	1.0	1.1	1.2	1.2	1.6	1.9
75°	0.4	0.5	0.4	0.3	0.5	0.5	0.4	0.4	0.4	0.4	0.5
77.5°	0.3	0.3	0.3	0.2	0.3	0.4	0.3	0.3	0.3	0.4	0.2
80°	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.3	0.2
82.5°	0.2	0.1	0.1	0.2	0.2	0.3	0.3	0.1	0.2	0.2	0.2
85°	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.2
87.5°	0.2	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.3	0.2	0.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P29447
 CATALOG NUMBER: SELW25

CANDELA DISTRIBUTION (continued):

	289°	290°	291°	292°	293°	294°	295°	296°	297°	298°	299°
0°	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
1°	18.3	18.5	18.3	18.3	18.4	18.5	18.5	18.3	18.5	18.4	18.4
2°	19.4	19.4	19.4	19.3	19.3	19.3	19.4	19.4	19.3	19.2	19.1
3°	20.2	20.4	20.3	20.2	20.3	20.3	20.3	20.3	20.2	20.1	20.0
4°	20.5	20.5	20.4	20.5	20.4	20.5	20.3	20.5	20.4	20.4	20.2
5°	20.4	20.3	20.3	20.3	20.4	20.4	20.4	20.3	20.2	20.2	20.1
6°	20.3	20.4	20.2	20.2	20.2	20.3	20.2	20.1	20.1	20.0	19.9
7°	20.4	20.3	20.3	20.4	20.4	20.5	20.5	20.4	20.4	20.4	20.4
8°	19.0	19.0	19.3	19.4	19.6	19.6	19.8	20.1	19.8	20.1	20.3
9°	18.1	18.1	18.0	18.2	18.3	18.3	18.5	18.6	18.6	18.8	18.9
10°	17.7	17.7	17.8	17.8	17.7	17.9	18.0	18.0	17.9	18.0	18.2
11°	17.8	17.8	17.7	17.6	17.6	17.7	17.6	17.8	17.7	17.8	17.9
12°	18.8	18.9	18.6	18.4	18.2	18.2	17.9	17.7	17.9	17.8	17.9
13°	19.1	19.1	19.1	19.1	18.9	18.9	18.7	18.9	18.9	18.9	18.8
14°	17.5	17.6	17.9	18.0	18.3	18.5	18.7	19.0	19.0	19.3	19.4
15°	16.6	16.7	16.6	16.5	16.8	16.9	17.3	17.8	17.6	18.1	18.3
16°	15.8	15.8	15.9	16.0	16.2	16.2	16.4	16.8	16.8	16.9	17.1
17°	14.4	14.4	14.7	14.8	15.2	15.4	15.8	16.1	16.1	16.3	16.6
18°	13.1	13.2	13.4	13.7	14.0	14.2	14.5	14.8	14.9	15.2	15.6
19°	12.4	12.4	12.7	12.8	13.1	13.2	13.5	13.8	14.0	14.5	14.7
20°	11.6	11.6	12.0	12.2	12.3	12.5	12.7	13.1	13.3	13.7	13.9
21°	10.9	11.1	11.2	11.4	11.4	11.8	12.1	12.3	12.4	12.9	13.3
22°	10.2	10.4	10.4	10.6	10.7	11.0	11.2	11.7	11.9	12.3	12.5
23°	9.5	9.7	9.8	9.8	10.0	10.1	10.5	10.8	11.0	11.5	11.7
24°	9.0	9.0	9.2	9.3	9.3	9.5	9.7	10.1	10.1	10.4	10.8
25°	8.6	8.7	8.8	8.9	9.0	9.1	9.3	9.4	9.7	9.7	10.0
26°	8.4	8.5	8.6	8.6	8.8	8.9	8.8	9.1	9.3	9.4	9.5
27°	8.2	8.2	8.3	8.4	8.4	8.5	8.6	8.7	8.9	9.0	9.2
28°	7.8	7.8	8.0	8.1	8.1	8.2	8.3	8.3	8.5	8.6	8.8
29°	7.7	7.7	7.7	7.9	7.9	7.9	8.0	8.2	8.2	8.3	8.5
30°	7.0	7.3	7.3	7.3	7.4	7.4	7.4	7.6	7.7	7.7	7.9
32.5°	6.6	6.6	6.7	6.7	6.7	6.9	6.8	6.9	7.1	7.3	7.3
35°	6.5	6.4	6.5	6.4	6.4	6.3	6.4	6.4	6.4	6.6	6.7
37.5°	6.2	6.4	6.3	6.3	6.3	6.3	6.3	6.2	6.3	6.4	6.5
40°	6.4	6.4	6.4	6.3	6.4	6.3	6.2	6.3	6.3	6.3	6.3
42.5°	6.5	6.6	6.5	6.4	6.4	6.3	6.4	6.3	6.3	6.4	6.4
45°	6.7	6.6	6.5	6.5	6.6	6.6	6.5	6.5	6.4	6.4	6.4
47.5°	6.9	6.9	6.9	6.9	6.7	6.7	6.6	6.6	6.6	6.7	6.6
50°	7.0	7.0	7.1	6.9	7.0	6.9	7.0	6.9	7.0	7.0	6.9
52.5°	5.0	5.6	5.9	6.2	6.6	6.7	6.9	7.0	7.1	7.0	7.1
55°	3.6	3.6	3.6	3.7	3.9	4.2	4.5	4.8	5.2	5.5	5.9
57.5°	3.5	3.5	3.5	3.5	3.5	3.6	3.5	3.5	3.6	3.8	3.7
60°	3.4	3.3	3.4	3.4	3.4	3.4	3.3	3.4	3.5	3.4	3.4
62.5°	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.3
65°	3.8	3.7	3.6	3.7	3.6	3.6	3.4	3.5	3.4	3.3	3.4



TEST NUMBER: P29447
 CATALOG NUMBER: SELW25

CANDELA DISTRIBUTION (continued):

	289°	290°	291°	292°	293°	294°	295°	296°	297°	298°	299°
67.5°	4.0	4.0	3.8	3.9	3.9	3.7	3.6	3.6	3.5	3.7	3.6
70°	4.2	4.2	4.2	4.1	4.1	4.0	3.9	4.0	3.9	4.0	3.9
72.5°	2.2	2.3	2.7	2.8	3.0	3.5	3.4	3.6	3.8	3.9	4.0
75°	0.6	0.6	0.8	0.8	1.0	1.2	1.3	1.6	1.7	2.1	2.4
77.5°	0.3	0.2	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.2	0.1	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.2
82.5°	0.3	0.2	0.2	0.1	0.2	0.3	0.2	0.2	0.2	0.2	0.3
85°	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.3	0.2	0.1
87.5°	0.2	0.2	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.4	0.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P29447
 CATALOG NUMBER: SELW25

CANDELA DISTRIBUTION (continued):

	300°	305°	315°	325°	335°	345°	355°	360°
0°	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
1°	18.4	18.4	18.4	18.1	18.2	18.3	18.5	18.6
2°	19.2	19.0	18.6	18.0	17.9	17.8	18.1	18.2
3°	20.0	19.8	19.1	18.3	17.8	17.5	18.0	18.0
4°	20.3	20.2	19.5	18.7	18.0	17.3	17.7	17.9
5°	20.1	20.2	19.8	19.1	18.0	17.4	17.6	17.8
6°	19.9	19.8	19.5	19.2	18.0	17.6	17.5	17.8
7°	20.3	20.1	19.3	19.1	18.2	17.7	17.5	17.7
8°	20.2	20.7	19.6	18.9	18.2	17.7	17.6	17.7
9°	19.0	19.9	20.2	18.8	18.1	17.5	17.6	17.7
10°	18.2	18.9	20.4	19.2	18.3	17.5	17.7	17.7
11°	17.8	18.4	19.8	19.8	18.6	17.6	17.9	17.7
12°	17.8	18.0	19.2	20.4	18.8	17.8	18.2	17.8
13°	18.7	17.9	18.8	20.5	19.0	18.0	18.7	17.9
14°	19.3	18.9	18.8	20.7	19.7	18.5	18.9	18.1
15°	18.4	19.4	18.7	20.7	20.3	18.7	18.9	18.1
16°	17.1	18.9	19.3	20.5	20.6	18.7	18.7	17.9
17°	16.7	18.2	19.9	20.2	21.0	19.0	18.6	17.8
18°	16.1	17.4	20.1	19.7	20.9	18.9	18.0	17.4
19°	15.1	16.7	19.8	19.4	20.6	18.8	17.6	17.2
20°	14.3	16.0	19.6	19.8	20.9	18.6	17.3	16.9
21°	13.6	15.2	18.7	19.9	21.1	18.8	16.8	16.6
22°	12.8	14.5	17.9	20.0	20.9	18.9	16.5	16.4
23°	12.2	13.8	17.2	19.9	20.3	18.6	16.2	16.4
24°	11.2	12.7	16.2	19.9	19.4	18.5	15.9	16.3
25°	10.3	12.0	15.4	19.9	18.7	18.4	15.7	16.2
26°	9.7	11.1	14.6	19.2	18.5	18.5	15.7	16.4
27°	9.3	10.3	13.9	18.6	18.4	18.5	15.7	16.5
28°	8.9	9.6	12.9	18.1	18.2	18.6	15.7	16.4
29°	8.7	9.4	12.4	17.7	18.4	18.7	16.0	16.7
30°	8.1	9.0	11.5	17.1	18.3	18.7	15.9	16.7
32.5°	7.4	7.8	10.3	15.6	19.1	20.3	16.4	17.0
35°	6.8	7.3	9.5	13.9	20.1	21.1	17.2	17.5
37.5°	6.5	6.6	8.2	12.5	20.9	21.8	18.0	18.1
40°	6.4	6.5	7.3	11.7	21.2	22.9	19.0	19.1
42.5°	6.4	6.4	6.6	11.1	21.4	24.6	19.9	20.1
45°	6.4	6.3	6.4	10.7	21.7	26.4	21.0	21.4
47.5°	6.6	6.5	6.4	9.8	21.1	28.2	22.3	23.0
50°	6.9	6.7	6.4	8.4	20.3	30.4	24.0	25.1
52.5°	7.0	6.9	6.6	7.4	19.7	33.7	26.4	27.2
55°	6.3	6.9	6.8	6.9	19.0	38.3	29.1	29.4
57.5°	4.0	5.7	7.2	7.2	18.5	43.6	32.7	32.9
60°	3.4	3.7	6.7	7.5	19.2	52.5	38.6	39.5
62.5°	3.5	3.5	4.7	7.8	20.5	65.2	47.6	48.6
65°	3.4	3.5	3.9	6.8	19.4	77.4	54.2	56.3



TEST NUMBER: P29447
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CANDELA DISTRIBUTION (continued):

	300°	305°	315°	325°	335°	345°	355°	360°
67.5°	3.5	3.5	4.1	5.3	19.4	88.5	60.1	60.2
70°	3.8	3.8	4.3	5.6	15.7	92.4	62.6	60.7
72.5°	3.8	4.2	4.5	5.6	12.7	76.8	52.3	47.1
75°	2.5	3.4	4.8	6.3	9.3	48.4	30.6	25.7
77.5°	0.4	1.1	2.6	4.6	6.6	20.1	12.5	10.7
80°	0.3	0.2	0.4	2.1	3.2	7.2	3.4	2.3
82.5°	0.3	0.3	0.3	0.3	0.8	1.2	0.6	0.6
85°	0.2	0.3	0.3	0.5	0.3	0.4	0.4	0.4
87.5°	0.4	0.2	0.6	0.5	0.3	0.3	0.4	0.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)