

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: 08217

Luminaire Tested: **CU22146**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: 08217
Test Lab: LUMINAIRE TESTING LABORATORY, INC.
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: SURE-LITES
Catalog Number: CU22146
Description: MOLDED WHITE POLYCARBONATE HOUSING/REFLECTOR, CLEAR
PRISMATIC POLYCARBONATE REFRACTOR.
Light Source: TWO HORIZONTAL 5.4 WATT T3.25 INCANDESCENT LAMPS RATED AT 90
LUMENS EACH.
029-146 5.4W 6V
Ballast/Driver: -

Summary

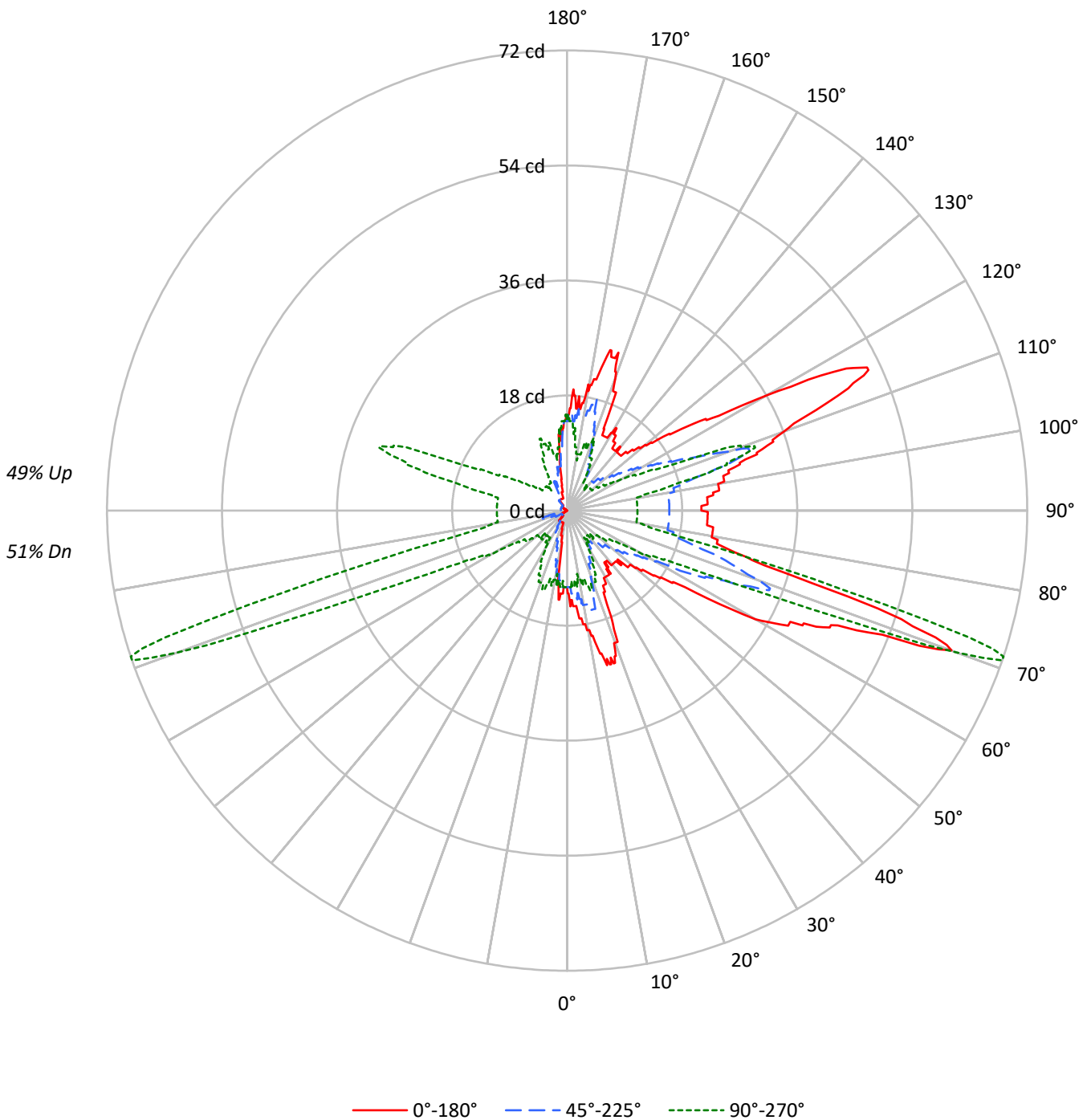
Lumens per Lamp: 90 (2 lamps)
Luminaire Lumens: 137.8 lumens
Efficiency: 76.6%
Efficacy: 12.1 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 1.05 / 0.89
Luminous Opening: Rectangular w/ Sides (W: 0.93' x L: 0.27' x H: 0.44')
CIE Type: General Diffuse

Input Watts (W): 11.4
Input Voltage (V): NR
Input Current (A_{in}): 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: 25 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	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	82	82	82	82	76	76	76	76	64	64	64	54	54	54	44	44	44	39
1	71	66	62	58	65	61	57	53	50	47	45	41	39	37	32	31	29	25
2	63	55	49	43	57	50	45	40	41	37	33	33	30	27	26	23	21	17
3	56	47	40	34	51	43	36	31	35	30	26	28	24	21	21	18	16	12
4	51	41	33	27	46	37	30	25	30	25	21	24	20	17	18	15	12	9
5	46	36	28	23	42	33	26	21	27	21	17	21	17	14	16	13	10	8
6	42	32	24	19	38	29	22	18	24	19	15	19	15	12	14	11	9	6
7	39	28	22	17	36	26	20	15	21	16	13	17	13	10	13	10	8	5
8	36	26	19	15	33	24	18	13	20	15	11	16	12	9	12	9	7	5
9	34	23	17	13	31	22	16	12	18	13	10	14	11	8	11	8	6	4
10	32	22	15	11	29	20	14	11	16	12	9	13	10	7	10	8	5	4

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	514	514	514
5°	565	496	528
10°	643	442	169
15°	743	472	93
20°	632	467	57
25°	377	387	54
30°	307	272	51
35°	270	197	49
40°	261	200	24
45°	278	247	23
50°	319	256	23
55°	429	357	23
60°	767	660	0
65°	976	1108	0
70°	1474	3543	0
75°	706	2037	0
80°	558	805	0
85°	555	845	0



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ZONAL LUMENS:

CANDELA DISTRIBUTION:

Zone	Lumens	% Fixture	% Lamp		0°	45°	90°	135°	180°	Flux
0°-10°	1.2	0.9	0.7	0°	12	12	12	12	12	
10°-20°	3.2	2.3	1.8	5°	15	13	12	11	14	2
20°-30°	3.7	2.7	2.0	15°	24	16	12	6	3	7
30°-40°	3.4	2.4	1.9	25°	14	8	10	4	2	7
40°-50°	4.1	3.0	2.3	35°	11	6	5	2	2	7
50°-60°	7.3	5.3	4.0	45°	12	8	6	1	1	9
60°-70°	18.6	13.5	10.3	55°	19	12	8	1	1	19
70°-80°	18.2	13.2	10.1	65°	43	25	22	2	0	44
80°-90°	10.8	7.8	6.0	75°	30	20	34	3	0	39
90°-100°	10.6	7.7	5.9	85°	22	16	11	1	0	18
100°-110°	18.5	13.4	10.3	90°	21	16	11	1	0	12
110°-120°	16.4	11.9	9.1	95°	22	16	11	1	0	19
120°-130°	6.9	5.0	3.8	105°	28	23	23	1	0	30
130°-140°	4.0	2.9	2.2	115°	52	18	15	1	0	45
140°-150°	3.2	2.3	1.8	125°	23	10	7	1	0	21
150°-160°	3.5	2.6	2.0	135°	13	7	5	1	1	10
160°-170°	3.1	2.3	1.7	145°	13	6	5	2	2	8
170°-180°	1.2	0.8	0.6	155°	13	8	9	4	2	7
0°-30°	8.1	5.9	4.5	165°	26	18	11	5	3	7
0°-40°	11.4	8.3	6.3	175°	16	15	12	9	11	2
0°-60°	22.8	16.6	12.7	180°	14	14	14	14	14	
0°-90°	70.3	51.0	39.1							
90°-120°	45.5	33.1	25.3							
90°-150°	59.6	43.3	33.1							
90°-180°	67.0	48.6	37.2							
0°-180°	137.8	100.0	76.6							



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	87.8°
0°	12	12	12	12	12	12	12	12	12	12	12
0.5°	13	12	12	12	12	12	12	13	13	12	13
1°	13	13	12	13	13	12	12	13	13	12	12
1.5°	14	14	13	13	13	12	12	12	12	12	12
2°	15	14	13	13	13	12	12	12	12	12	12
2.5°	14	14	14	13	13	12	13	13	12	12	12
3°	14	15	15	14	13	13	13	13	12	12	12
3.5°	15	15	15	15	14	13	13	12	12	11	11
4°	15	15	15	15	14	13	13	12	11	11	12
4.5°	15	15	14	15	14	13	12	12	12	12	12
5°	15	15	14	16	14	13	13	12	12	12	12
5.5°	15	15	15	16	14	13	14	12	13	12	12
6°	16	16	16	15	14	13	14	13	13	12	11
6.5°	17	16	16	15	15	14	14	12	13	12	12
7°	17	16	16	16	15	13	13	13	13	12	12
7.5°	17	17	17	16	16	13	13	13	13	12	12
8°	18	18	17	16	16	14	13	13	12	12	12
8.5°	18	18	17	16	16	15	13	14	12	12	11
9°	18	18	17	17	16	14	13	14	12	11	11
9.5°	19	19	17	18	17	15	13	14	12	11	11
10°	19	19	18	18	17	15	14	14	12	11	11
10.5°	19	19	19	19	17	15	14	13	12	11	11
11°	20	20	20	19	18	15	14	12	12	11	11
11.5°	20	20	20	19	18	15	15	12	12	11	12
12°	21	21	20	19	19	15	15	12	11	11	12
12.5°	22	22	21	19	17	15	14	13	11	12	12
13°	23	23	21	18	17	15	14	13	11	12	11
13.5°	23	23	21	18	17	16	13	12	11	12	12
14°	24	24	21	19	17	16	13	12	12	12	12
14.5°	25	24	21	19	18	16	13	13	12	12	12
15°	24	24	22	19	18	16	14	13	12	13	13
15.5°	25	25	21	19	17	16	14	12	12	13	13
16°	25	24	21	19	17	16	14	12	12	13	13
16.5°	24	25	22	19	17	15	13	11	12	13	14
17°	25	26	22	19	17	14	13	11	12	13	14
17.5°	25	25	22	19	16	14	12	11	12	14	14
18°	24	25	21	18	16	14	12	11	12	14	13
18.5°	24	24	21	17	16	13	11	11	13	13	13
19°	23	24	21	17	15	12	11	11	12	13	13
19.5°	22	23	20	17	15	11	11	11	12	13	13
20°	22	23	20	17	15	11	10	11	12	12	13
20.5°	22	23	20	17	15	11	9	11	11	12	13
21°	22	22	20	16	14	10	9	10	11	12	12
21.5°	20	21	19	15	13	10	9	9	11	12	12
22°	19	19	18	15	12	9	8	9	11	11	11



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	87.8°
22.5°	18	18	19	15	12	9	8	8	10	11	10
23°	16	18	18	14	12	9	8	8	9	11	10
23.5°	15	17	17	14	12	9	8	7	9	10	10
24°	14	16	17	14	12	9	8	7	9	9	10
24.5°	14	16	16	14	11	9	8	7	8	9	10
25°	14	16	16	14	11	8	7	7	8	9	10
25.5°	13	15	16	14	11	8	7	7	7	9	9
26°	13	13	16	14	10	8	7	7	7	9	9
26.5°	13	13	16	13	10	8	7	7	7	8	8
27°	13	13	15	14	10	8	7	7	7	8	8
27.5°	13	12	15	14	10	8	7	7	7	8	7
28°	13	12	14	13	10	8	7	6	7	7	7
28.5°	12	12	14	13	9	8	7	6	7	7	7
29°	12	12	13	13	9	7	7	6	7	7	6
29.5°	12	12	12	13	9	7	6	6	7	6	6
30°	12	12	11	13	8	7	6	6	7	6	6
30.5°	12	12	10	12	8	7	6	6	7	6	6
31°	12	12	10	12	8	7	6	6	7	6	6
31.5°	12	12	10	12	8	7	6	6	6	6	6
32°	12	12	10	12	8	7	6	6	7	6	6
32.5°	12	12	10	12	8	6	5	6	8	6	6
33°	12	11	10	12	7	6	6	6	8	6	6
33.5°	12	11	10	11	7	6	6	6	8	6	6
34°	11	11	9	11	7	6	6	6	7	6	6
34.5°	12	11	10	10	7	6	6	5	7	6	6
35°	11	11	9	10	7	6	6	5	7	6	6
35.5°	10	11	9	9	7	6	6	5	6	6	6
36°	11	11	9	9	7	6	6	5	6	6	6
36.5°	10	10	9	9	7	6	6	5	6	6	6
37°	10	10	9	9	7	6	6	5	6	6	5
37.5°	10	10	9	9	7	7	6	5	6	6	5
38°	10	10	9	8	7	7	6	5	6	6	5
38.5°	10	10	9	8	8	7	6	5	6	6	5
39°	11	10	9	8	8	7	6	5	6	6	5
39.5°	11	10	10	9	8	7	6	6	6	6	6
40°	11	10	10	9	8	7	6	6	6	6	6
40.5°	11	11	10	9	8	7	6	6	6	6	6
41°	11	11	10	9	8	7	6	6	6	6	7
41.5°	11	11	10	9	8	7	6	6	7	7	7
42°	11	11	10	9	8	7	6	6	7	7	7
42.5°	11	11	10	9	8	7	6	6	7	7	6
43°	11	11	10	9	8	7	6	6	7	7	6
43.5°	11	11	10	9	8	7	6	6	7	7	6
44°	11	11	10	10	8	8	7	6	7	7	6
44.5°	12	11	11	9	8	8	7	6	7	7	7



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	87.8°
45°	12	12	11	10	9	8	7	6	7	7	7
45.5°	11	12	11	10	9	8	7	6	7	7	7
46°	11	12	11	10	9	8	7	6	8	7	7
46.5°	12	12	11	10	9	8	7	7	8	8	7
47°	13	12	11	10	9	8	7	7	7	8	7
47.5°	13	12	11	10	9	8	7	7	7	8	7
48°	13	13	11	10	9	8	7	7	7	8	7
48.5°	13	13	12	11	9	9	8	7	8	8	7
49°	13	13	12	11	10	9	8	7	8	8	7
49.5°	13	13	13	12	10	9	8	7	8	8	7
50°	14	14	13	12	10	9	9	7	9	8	7
50.5°	14	14	13	12	10	9	9	7	9	9	8
51°	15	14	14	12	11	10	9	8	9	9	8
51.5°	15	14	14	13	11	10	9	8	10	9	8
52°	15	15	15	13	11	10	9	8	10	10	9
52.5°	16	15	15	14	11	11	10	8	10	10	10
53°	17	16	15	14	12	11	10	9	10	10	10
53.5°	17	16	16	15	12	11	10	9	10	10	10
54°	18	17	17	15	13	11	10	9	10	10	10
54.5°	18	17	17	16	13	12	10	9	10	10	10
55°	19	18	17	16	13	12	11	9	11	10	10
55.5°	20	19	18	17	14	12	11	9	12	11	11
56°	20	20	19	17	14	12	11	10	12	12	11
56.5°	21	21	20	18	15	12	11	10	13	12	12
57°	22	22	21	20	15	13	11	10	13	13	12
57.5°	24	24	23	21	16	13	12	10	13	13	13
58°	26	26	25	22	17	14	12	11	12	13	13
58.5°	28	28	28	24	18	14	13	11	12	14	14
59°	30	29	30	27	19	15	13	11	13	16	16
59.5°	32	31	32	29	20	15	13	12	13	18	19
60°	34	33	34	30	21	16	14	12	13	20	22
60.5°	35	35	35	32	22	16	14	12	13	22	25
61°	36	36	37	33	23	17	14	13	14	25	27
61.5°	37	36	38	34	24	18	15	13	14	27	27
62°	38	37	40	34	26	20	15	13	14	28	26
62.5°	39	39	39	35	27	21	16	13	14	29	26
63°	39	40	39	35	28	22	16	13	14	32	28
63.5°	39	41	39	36	30	23	17	14	15	35	29
64°	41	41	40	37	32	24	17	14	15	38	30
64.5°	41	42	40	37	33	24	18	14	15	42	33
65°	43	43	40	39	35	25	19	14	16	48	37
65.5°	44	44	41	40	37	26	21	14	17	56	42
66°	45	45	42	42	38	27	23	15	17	66	48
66.5°	45	45	44	45	39	29	24	15	18	75	55
67°	46	46	46	47	41	30	26	15	19	81	64



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	87.8°
67.5°	49	47	48	50	43	31	28	16	20	90	73
68°	51	50	51	52	45	33	29	16	20	100	87
68.5°	53	52	52	53	46	34	30	16	22	110	100
69°	59	54	51	53	45	34	30	17	23	119	113
69.5°	62	56	51	51	44	33	30	17	25	128	125
70°	64	58	51	50	43	32	30	18	26	134	136
70.5°	63	59	50	48	41	30	29	18	27	137	143
71°	61	58	47	46	38	29	28	18	27	134	140
71.5°	57	55	45	42	36	28	27	18	27	127	133
72°	55	51	43	39	33	27	26	18	26	121	127
72.5°	51	47	41	37	31	26	24	18	25	115	122
73°	46	44	38	34	29	25	23	18	24	104	112
73.5°	40	40	35	31	27	24	22	18	23	91	97
74°	36	35	32	28	25	22	21	17	22	77	84
74.5°	32	32	29	26	23	21	20	17	20	65	72
75°	30	29	27	24	21	20	19	17	19	55	62
75.5°	29	28	26	23	20	19	18	16	19	45	52
76°	27	26	25	22	20	18	17	16	18	36	42
76.5°	26	25	24	22	19	18	17	16	17	30	34
77°	25	25	23	21	19	17	17	16	17	25	28
77.5°	24	24	23	21	18	17	16	16	17	22	25
78°	24	24	22	21	18	17	16	15	16	20	22
78.5°	24	24	22	20	18	17	16	15	16	18	19
79°	24	23	22	20	18	16	16	15	16	17	18
79.5°	23	23	22	20	18	16	16	15	17	16	17
80°	23	23	22	20	18	16	16	15	17	16	16
80.5°	23	23	22	20	18	16	16	15	17	15	16
81°	23	23	22	20	18	16	15	15	17	15	15
81.5°	23	23	22	20	17	16	15	15	17	15	15
82°	23	23	22	20	17	16	15	15	16	14	15
82.5°	23	23	22	20	17	16	15	15	16	14	14
83°	23	23	22	20	17	16	15	15	16	14	14
83.5°	23	23	22	20	17	16	15	15	15	14	14
84°	22	23	22	19	17	16	15	15	15	14	14
84.5°	22	22	22	19	17	16	15	15	15	14	14
85°	22	22	22	19	17	16	15	15	15	14	14
85.5°	22	22	22	19	17	16	15	15	15	14	14
86°	22	22	22	19	17	16	15	15	15	14	14
86.5°	22	22	22	19	17	16	15	15	14	13	14
87°	22	22	21	19	17	16	15	15	14	13	14
87.5°	22	22	21	19	17	16	15	15	14	13	14
88°	22	22	22	19	17	16	15	15	14	13	13
88.5°	22	22	22	19	17	16	15	15	14	13	13
89°	22	22	22	19	17	16	15	15	14	13	13
89.5°	22	22	22	19	17	16	15	15	14	13	13



TEST NUMBER: 08217
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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	87.8°
90°	21	22	22	19	17	16	15	15	14	13	13
90.5°	21	22	22	19	17	16	15	15	14	13	13
91°	21	22	22	19	17	16	15	15	14	13	13
91.5°	21	22	22	19	17	16	15	14	14	13	13
92°	21	22	22	19	17	16	15	15	14	13	13
92.5°	22	22	22	19	17	16	15	15	14	13	12
93°	22	22	22	19	17	16	15	14	14	13	12
93.5°	22	22	22	19	17	16	15	14	14	13	12
94°	22	23	22	19	17	16	15	14	14	13	12
94.5°	22	23	22	19	16	16	15	14	13	13	12
95°	22	23	23	19	16	16	16	14	13	13	12
95.5°	22	23	23	19	16	16	16	14	13	12	12
96°	23	24	23	19	16	16	16	14	13	12	12
96.5°	23	24	23	19	16	16	16	14	13	12	12
97°	23	24	23	18	16	16	16	15	13	12	12
97.5°	24	24	23	18	16	16	16	15	13	12	12
98°	24	25	24	18	16	16	16	15	13	12	12
98.5°	24	25	24	18	17	16	16	15	13	12	12
99°	24	25	24	18	17	16	16	15	13	12	12
99.5°	24	25	24	18	17	16	16	15	13	12	12
100°	24	25	25	18	17	17	16	15	14	12	12
100.5°	25	26	25	18	17	17	17	15	14	12	12
101°	25	26	25	18	17	17	17	15	14	13	12
101.5°	25	26	26	18	17	17	17	16	14	13	13
102°	25	27	27	18	17	17	18	17	15	14	14
102.5°	25	28	28	19	17	18	19	17	16	15	15
103°	26	28	30	19	17	18	20	19	17	16	16
103.5°	26	30	32	19	18	19	21	20	19	17	17
104°	26	31	35	19	18	20	23	22	21	19	19
104.5°	27	34	40	20	19	21	25	25	24	21	21
105°	28	37	48	20	20	23	27	27	27	23	24
105.5°	28	40	59	21	21	24	29	30	30	27	26
106°	29	42	70	22	22	26	31	33	32	30	28
106.5°	31	42	81	23	23	27	33	35	35	31	30
107°	31	43	95	23	24	28	34	37	37	33	31
107.5°	32	44	109	24	24	29	34	38	39	35	32
108°	33	44	121	24	24	30	34	38	39	37	33
108.5°	34	44	134	25	25	30	34	38	39	37	33
109°	34	44	145	25	25	30	33	36	38	36	35
109.5°	35	44	149	25	24	29	31	34	36	34	36
110°	36	44	146	25	24	27	29	32	34	32	35
110.5°	37	44	138	26	23	26	28	29	33	31	33
111°	38	45	128	26	23	25	26	27	32	30	32
111.5°	40	45	114	25	23	24	24	25	30	28	30
112°	42	46	100	24	22	23	23	23	27	26	28



TEST NUMBER: 08217
 CATALOG NUMBER: CU22146

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	87.8°
112.5°	44	46	89	24	22	22	22	22	25	23	25
113°	46	48	79	23	21	21	20	20	24	21	23
113.5°	48	49	72	22	21	20	19	20	23	20	21
114°	49	50	66	22	20	20	18	19	22	19	20
114.5°	51	52	62	21	19	19	18	18	20	18	18
115°	52	53	59	21	19	18	17	18	19	17	17
115.5°	52	55	54	21	19	18	17	17	18	16	17
116°	51	56	50	21	18	17	16	17	17	15	16
116.5°	50	55	46	20	18	17	16	16	17	14	15
117°	49	55	45	20	17	16	15	15	16	14	14
117.5°	47	55	43	20	17	16	15	15	16	13	14
118°	45	56	41	19	16	15	14	15	15	13	13
118.5°	43	54	38	19	16	15	14	14	15	13	13
119°	40	51	36	18	16	14	14	14	14	12	12
119.5°	38	49	37	18	16	14	13	13	14	11	12
120°	36	46	36	17	15	14	13	13	13	11	11
120.5°	34	43	34	16	15	13	13	13	13	10	11
121°	32	39	30	16	14	13	12	12	12	10	10
121.5°	30	36	28	15	14	13	12	12	12	9	10
122°	28	33	26	15	14	12	12	12	11	9	9
122.5°	27	30	25	14	13	12	11	11	11	9	9
123°	26	27	22	14	13	12	11	11	10	8	8
123.5°	26	25	21	13	13	11	11	10	10	8	8
124°	25	23	20	13	12	11	10	10	9	8	8
124.5°	24	22	21	13	12	11	10	10	9	8	8
125°	23	21	20	12	11	10	10	9	9	7	7
125.5°	22	20	20	12	11	10	9	9	8	7	7
126°	21	20	19	12	11	10	9	9	8	7	7
126.5°	20	20	19	12	11	9	9	8	8	7	7
127°	20	20	19	11	10	9	8	8	8	7	7
127.5°	19	19	19	11	10	9	8	8	8	7	7
128°	18	19	18	11	10	9	8	8	7	6	6
128.5°	17	18	17	11	10	8	8	8	7	6	6
129°	17	17	16	11	9	8	8	7	7	6	6
129.5°	16	16	16	11	9	8	8	7	7	6	6
130°	16	16	15	10	9	8	7	7	7	6	6
130.5°	15	16	15	10	9	8	7	7	7	6	6
131°	15	17	15	10	9	8	7	7	6	6	6
131.5°	15	17	14	10	9	8	7	7	6	6	5
132°	14	16	14	10	9	8	7	7	6	6	6
132.5°	14	15	13	10	9	7	7	7	6	6	6
133°	14	15	12	9	8	7	7	6	6	5	5
133.5°	13	15	13	9	8	7	7	6	6	5	5
134°	13	15	13	9	8	7	6	6	6	5	5
134.5°	13	14	13	9	8	7	6	6	6	5	5



TEST NUMBER: 08217
 CATALOG NUMBER: CU22146

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	87.8°
135°	13	14	13	9	8	7	6	6	6	5	5
135.5°	12	15	13	9	8	7	6	6	5	5	5
136°	12	15	12	9	8	7	6	6	5	5	5
136.5°	12	14	12	9	7	6	6	6	5	5	5
137°	12	14	11	8	7	6	6	6	5	5	5
137.5°	12	13	11	8	7	6	6	5	5	5	5
138°	12	13	11	8	7	6	6	5	5	5	5
138.5°	12	13	11	8	7	6	6	5	5	5	5
139°	12	14	11	8	7	6	6	5	5	5	5
139.5°	12	14	11	8	7	6	6	5	5	5	5
140°	13	13	10	8	7	6	5	5	5	5	5
140.5°	13	13	10	8	7	6	5	5	5	5	5
141°	12	13	10	8	7	6	5	5	5	5	5
141.5°	12	12	10	8	7	6	5	5	5	5	5
142°	12	12	10	8	7	6	5	5	5	5	5
142.5°	12	12	9	8	6	6	5	5	5	5	5
143°	12	12	9	8	6	6	5	5	5	5	5
143.5°	12	12	9	8	6	6	5	5	5	5	5
144°	12	12	9	8	6	6	5	5	5	5	5
144.5°	13	12	9	9	7	6	5	5	5	5	5
145°	13	12	9	9	7	6	5	5	5	5	5
145.5°	13	13	10	9	7	6	5	5	5	5	5
146°	13	13	10	9	7	6	5	5	5	5	5
146.5°	13	14	10	9	7	6	5	5	5	5	5
147°	14	14	10	10	7	6	5	5	5	5	5
147.5°	14	14	10	10	7	6	5	5	5	5	5
148°	14	14	10	11	7	6	6	5	5	5	5
148.5°	14	14	11	11	7	6	6	6	5	5	5
149°	15	14	11	11	8	6	6	6	5	5	5
149.5°	15	13	12	12	8	6	6	6	6	5	5
150°	14	13	12	12	8	6	6	6	6	5	5
150.5°	14	13	13	13	8	7	6	6	6	6	5
151°	13	13	13	13	8	7	6	6	6	6	6
151.5°	13	13	13	14	8	7	6	6	6	6	6
152°	13	14	14	14	9	7	6	6	6	6	6
152.5°	13	14	15	13	9	7	7	6	6	6	7
153°	13	14	16	14	9	7	7	6	6	7	8
153.5°	13	14	16	14	10	8	7	6	6	7	8
154°	13	14	17	14	10	8	7	6	6	7	8
154.5°	13	14	17	14	10	8	7	6	7	8	8
155°	13	15	18	14	10	8	7	7	7	8	8
155.5°	14	16	18	15	10	8	7	7	8	8	8
156°	14	17	18	15	11	8	7	7	8	9	8
156.5°	16	18	18	16	11	8	7	7	8	9	8
157°	18	18	19	16	11	9	7	8	9	9	9



TEST NUMBER: 08217
 CATALOG NUMBER: CU22146

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	87.8°
157.5°	20	19	19	16	11	9	8	8	10	10	9
158°	20	19	20	17	12	10	8	8	11	10	10
158.5°	20	21	20	17	14	10	9	9	11	11	11
159°	20	22	20	17	15	11	9	10	11	11	11
159.5°	21	23	21	18	15	11	10	11	11	12	12
160°	22	23	21	18	16	12	10	11	11	13	12
160.5°	23	22	21	19	16	13	11	12	11	14	12
161°	23	23	22	20	16	13	12	12	12	13	13
161.5°	24	24	22	20	17	13	12	12	12	13	13
162°	26	25	22	20	17	14	13	12	12	13	12
162.5°	25	25	22	21	18	14	13	13	13	12	12
163°	25	25	23	21	18	15	14	13	13	11	11
163.5°	25	25	23	21	18	15	14	13	13	11	11
164°	25	26	24	21	18	16	14	13	13	11	11
164.5°	26	27	23	23	19	16	15	14	12	11	11
165°	26	26	22	23	20	18	15	14	11	10	11
165.5°	25	25	21	22	21	18	16	13	11	10	11
166°	24	24	21	20	20	18	15	12	11	11	11
166.5°	23	23	21	19	19	17	14	12	11	10	10
167°	22	21	22	19	19	17	14	12	10	10	10
167.5°	21	21	21	19	18	16	14	12	10	10	10
168°	21	20	20	19	17	16	13	12	10	9	9
168.5°	21	20	19	18	17	16	14	12	11	9	9
169°	20	19	19	18	17	15	14	12	10	9	9
169.5°	20	19	18	18	16	15	14	12	10	9	9
170°	19	19	18	18	16	15	13	13	10	9	9
170.5°	20	18	17	17	16	15	13	13	11	10	9
171°	18	18	17	17	16	15	13	14	12	10	9
171.5°	17	17	17	17	16	15	13	14	12	11	10
172°	17	17	17	17	16	15	13	14	13	11	10
172.5°	16	17	17	16	16	15	13	13	13	11	11
173°	16	16	16	16	17	15	14	14	13	11	11
173.5°	17	17	16	16	17	16	14	14	12	12	11
174°	18	17	17	16	16	15	15	14	12	12	11
174.5°	16	16	17	16	16	14	14	13	13	13	12
175°	16	17	17	16	16	15	14	13	13	13	12
175.5°	17	18	16	16	15	14	14	13	13	13	13
176°	18	18	17	15	15	14	14	14	14	14	13
176.5°	18	17	17	16	15	14	15	14	14	14	13
177°	19	17	17	16	16	15	15	15	14	14	14
177.5°	18	17	16	16	15	15	15	15	15	14	14
178°	16	16	16	16	15	15	15	15	15	14	14
178.5°	16	15	15	15	15	15	14	15	14	14	14
179°	15	15	15	15	15	14	14	15	15	15	14
179.5°	15	15	15	15	15	15	15	15	15	15	14



TEST NUMBER: 08217
CATALOG NUMBER: CU22146

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	87.8°
180°	14	14	14	14	14	14	14	14	14	14	14



TEST NUMBER: 08217
 CATALOG NUMBER: CU22146

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	12	12	12	12	12	12	12	12	12	12	12
0.5°	12	12	12	12	12	12	12	12	12	12	12
1°	12	12	12	12	12	12	12	12	12	12	12
1.5°	12	12	12	12	12	12	12	12	12	12	12
2°	12	12	12	12	12	12	12	12	12	12	12
2.5°	12	12	12	12	12	12	12	13	13	13	12
3°	12	12	12	12	12	12	12	13	13	13	13
3.5°	11	12	12	11	11	12	12	13	13	14	13
4°	12	12	11	11	11	11	12	12	13	14	13
4.5°	12	12	12	11	11	11	12	12	14	13	13
5°	12	12	12	11	11	11	12	13	14	13	14
5.5°	12	11	12	12	11	11	12	13	14	13	14
6°	11	11	12	11	10	11	10	12	14	13	13
6.5°	11	11	12	11	10	11	10	13	15	12	12
7°	11	11	11	10	10	10	10	15	14	10	11
7.5°	12	11	11	10	10	10	11	14	12	8	11
8°	12	11	11	10	10	10	11	12	10	6	8
8.5°	11	10	10	10	10	10	9	11	9	5	6
9°	10	10	10	10	9	10	9	10	8	5	5
9.5°	11	11	10	10	10	10	9	8	8	5	5
10°	11	11	11	10	9	9	9	8	8	5	5
10.5°	11	11	10	10	9	8	9	8	8	5	5
11°	11	11	10	9	9	8	8	9	8	5	4
11.5°	12	11	10	9	8	9	7	8	9	4	4
12°	12	11	10	9	8	8	6	8	8	4	4
12.5°	11	11	10	9	9	8	6	7	6	4	4
13°	11	11	10	9	8	8	6	7	5	4	4
13.5°	11	11	10	8	8	7	6	6	5	4	4
14°	11	12	10	8	8	7	6	4	4	3	4
14.5°	12	12	10	8	8	6	5	4	3	3	3
15°	12	13	10	9	8	6	4	3	3	3	3
15.5°	12	13	10	9	7	6	4	3	3	3	3
16°	13	13	10	9	7	6	4	3	3	3	3
16.5°	13	12	10	9	7	5	4	3	3	3	3
17°	13	12	10	9	7	5	4	3	2	2	2
17.5°	13	12	11	9	7	5	4	3	2	2	2
18°	12	13	11	9	7	5	4	2	2	2	2
18.5°	12	13	11	8	7	5	3	2	2	2	2
19°	12	13	11	8	7	5	3	2	2	2	2
19.5°	12	13	11	8	7	5	3	2	2	2	2
20°	12	12	11	9	7	4	3	2	2	2	2
20.5°	12	12	11	8	6	4	3	2	2	2	2
21°	12	12	10	8	7	4	3	2	2	2	2
21.5°	12	12	10	8	6	4	3	2	2	2	2
22°	12	12	11	8	6	4	3	2	2	2	2



TEST NUMBER: 08217
 CATALOG NUMBER: CU22146

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
22.5°	11	12	11	8	5	4	3	2	2	2	2
23°	11	11	11	8	5	4	3	2	2	2	2
23.5°	11	11	11	8	5	4	3	2	2	2	2
24°	11	11	11	8	5	4	3	2	2	2	2
24.5°	10	11	10	7	5	4	3	2	2	2	2
25°	10	10	10	8	5	4	3	2	2	2	2
25.5°	9	10	10	8	5	4	3	2	2	2	2
26°	9	11	9	8	5	4	3	2	2	2	2
26.5°	9	10	9	8	6	4	3	2	2	2	2
27°	9	10	9	8	5	4	3	2	2	2	2
27.5°	9	9	9	7	5	4	3	2	2	2	2
28°	8	8	9	7	5	4	3	2	2	2	2
28.5°	8	8	9	7	5	3	3	2	2	2	2
29°	7	8	9	7	5	3	2	2	2	2	2
29.5°	7	7	9	7	5	3	2	2	2	2	2
30°	7	7	9	7	5	3	2	2	2	2	2
30.5°	6	7	8	6	5	3	2	2	2	2	2
31°	6	7	8	6	5	3	2	2	2	2	2
31.5°	6	6	8	6	4	3	2	2	2	2	2
32°	5	6	7	6	4	3	2	2	2	2	2
32.5°	5	5	6	6	4	2	2	2	2	2	2
33°	6	5	6	6	4	2	2	2	2	2	2
33.5°	6	5	6	5	3	2	2	2	2	2	2
34°	6	5	6	5	3	2	2	2	2	2	2
34.5°	6	5	5	6	3	2	2	2	2	2	2
35°	5	5	5	6	3	2	2	2	2	2	2
35.5°	5	5	5	5	3	2	2	2	2	2	2
36°	5	5	4	5	3	2	2	2	2	2	2
36.5°	5	5	4	4	3	2	2	2	2	2	2
37°	5	5	4	4	2	2	2	2	2	2	2
37.5°	5	5	4	4	2	2	2	1	1	2	2
38°	5	5	4	4	2	2	2	1	1	2	2
38.5°	5	5	4	4	2	2	2	1	1	1	1
39°	5	5	4	4	2	2	1	1	1	1	2
39.5°	5	5	4	4	2	2	1	1	1	1	1
40°	5	5	4	3	2	2	1	1	1	1	1
40.5°	6	5	4	3	2	2	1	1	1	1	1
41°	6	5	4	3	2	2	1	1	1	1	1
41.5°	6	5	4	3	2	2	1	1	1	1	1
42°	6	5	4	3	2	1	1	1	1	1	1
42.5°	6	5	4	3	2	1	1	1	1	1	1
43°	6	5	4	3	2	1	1	1	1	1	1
43.5°	6	5	4	3	2	1	1	1	1	1	1
44°	5	5	4	3	2	1	1	1	1	1	1
44.5°	6	5	4	3	2	1	1	1	1	1	1



TEST NUMBER: 08217
 CATALOG NUMBER: CU22146

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
45°	6	5	4	3	2	1	1	1	1	1	1
45.5°	6	5	4	3	2	1	1	1	1	1	1
46°	6	5	4	3	2	1	1	1	1	1	1
46.5°	6	5	4	3	2	1	1	1	1	1	1
47°	6	5	4	3	2	1	1	1	1	1	1
47.5°	6	5	3	2	2	1	1	1	1	1	1
48°	6	5	3	2	2	1	1	1	1	1	1
48.5°	6	5	3	2	2	1	1	1	1	1	1
49°	6	5	3	2	2	1	1	1	1	1	1
49.5°	6	5	3	2	2	1	1	1	1	1	1
50°	6	5	3	2	2	1	1	1	1	1	1
50.5°	6	5	3	2	2	1	1	1	1	1	1
51°	7	5	3	2	2	1	1	1	1	1	1
51.5°	7	6	3	2	2	1	1	1	1	1	1
52°	7	6	3	2	2	1	1	1	1	1	1
52.5°	8	6	4	2	2	1	1	1	1	1	1
53°	8	6	4	2	2	1	1	1	0	1	1
53.5°	8	6	4	2	2	1	1	1	0	1	1
54°	8	6	4	2	2	1	1	1	1	0	1
54.5°	8	6	4	2	2	1	1	1	1	1	1
55°	8	6	4	2	2	1	1	1	0	0	1
55.5°	8	6	4	2	2	1	1	1	0	0	1
56°	8	6	4	3	2	1	1	1	0	0	0
56.5°	9	6	4	3	2	1	1	1	0	0	0
57°	9	6	4	3	2	1	1	1	1	1	0
57.5°	9	7	4	3	2	1	1	1	0	1	0
58°	10	7	4	3	2	1	1	1	0	0	1
58.5°	10	7	4	3	2	1	1	1	0	0	1
59°	11	7	4	3	2	1	1	1	0	0	0
59.5°	12	8	5	3	2	1	1	1	1	1	0
60°	14	8	5	3	2	1	1	1	0	0	0
60.5°	14	9	5	3	2	1	1	1	0	0	0
61°	15	9	5	3	2	2	1	1	0	0	1
61.5°	15	10	5	3	2	2	1	1	0	0	1
62°	15	10	5	3	2	2	1	1	0	0	0
62.5°	16	10	6	3	2	2	1	0	0	0	0
63°	17	11	6	4	3	2	1	1	0	0	0
63.5°	17	11	6	4	3	2	1	1	0	0	0
64°	19	12	6	4	3	2	1	1	0	0	0
64.5°	20	13	7	4	3	2	1	1	0	0	0
65°	22	14	7	4	3	2	1	1	0	0	0
65.5°	24	15	8	5	3	2	1	1	0	0	0
66°	26	16	8	5	3	2	1	1	0	0	0
66.5°	29	17	9	6	3	2	1	1	0	0	0
67°	32	18	9	6	3	2	1	1	0	0	0



TEST NUMBER: 08217
 CATALOG NUMBER: CU22146

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
67.5°	36	19	9	6	4	2	1	1	0	0	0
68°	41	20	10	7	4	3	1	1	0	0	0
68.5°	46	22	10	7	4	3	1	1	0	0	0
69°	53	23	11	8	4	3	1	1	0	0	0
69.5°	60	25	11	8	5	3	1	1	0	0	0
70°	65	26	12	9	5	3	1	1	0	0	0
70.5°	69	27	11	10	6	3	1	1	0	0	0
71°	72	28	11	10	6	4	2	1	0	0	0
71.5°	72	28	11	9	6	4	2	1	0	0	0
72°	70	28	10	8	6	4	2	1	0	0	0
72.5°	66	27	9	8	6	4	2	1	0	0	0
73°	59	25	9	7	5	4	2	1	0	0	0
73.5°	52	23	8	6	5	4	3	1	0	0	0
74°	45	20	7	5	4	4	3	1	0	0	0
74.5°	40	18	7	5	4	3	2	1	0	0	0
75°	34	16	7	4	3	3	2	1	0	0	0
75.5°	29	14	6	4	3	2	2	1	0	0	0
76°	25	13	6	4	3	2	2	1	0	0	0
76.5°	21	12	6	4	2	2	1	1	0	0	0
77°	18	11	6	3	2	2	1	1	0	0	0
77.5°	16	11	6	3	2	2	1	1	0	0	0
78°	14	10	6	3	2	1	1	1	0	0	0
78.5°	13	10	5	3	2	1	1	1	0	0	0
79°	13	9	5	3	2	1	1	1	0	0	0
79.5°	12	9	5	3	2	1	1	0	0	0	0
80°	12	9	5	3	2	1	1	0	0	0	0
80.5°	11	9	5	3	2	1	1	0	0	0	0
81°	11	9	5	3	2	1	1	0	0	0	0
81.5°	11	9	5	3	2	1	1	0	0	0	0
82°	11	9	5	3	2	1	1	0	0	0	0
82.5°	11	9	5	3	2	1	1	0	0	0	0
83°	11	9	5	3	2	1	1	0	0	0	0
83.5°	11	9	5	3	2	1	1	0	0	0	0
84°	11	9	6	3	2	1	1	0	0	0	0
84.5°	11	9	6	3	2	1	1	0	0	0	0
85°	11	9	6	3	2	1	1	0	0	0	0
85.5°	11	9	6	3	2	1	1	0	0	0	0
86°	11	9	6	4	2	1	1	0	0	0	0
86.5°	11	9	6	3	2	1	1	0	0	0	0
87°	11	9	6	3	2	1	1	0	0	0	0
87.5°	11	9	6	4	2	1	1	0	0	0	0
88°	11	9	6	4	2	1	1	0	0	0	0
88.5°	11	9	6	4	2	1	1	0	0	0	0
89°	11	9	6	3	2	1	1	0	0	0	0
89.5°	11	9	6	3	2	1	1	0	0	0	0



TEST NUMBER: 08217
 CATALOG NUMBER: CU22146

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
90°	11	9	6	3	2	1	1	0	0	0	0
90.5°	11	9	6	3	2	1	1	0	0	0	0
91°	11	9	6	3	2	1	1	0	0	0	0
91.5°	11	9	6	3	2	1	1	0	0	0	0
92°	11	9	6	3	2	1	1	0	0	0	0
92.5°	11	9	6	3	2	1	1	0	0	0	0
93°	11	9	6	3	2	1	1	0	0	0	0
93.5°	11	9	6	3	2	1	1	0	0	0	0
94°	11	9	6	3	2	1	1	0	0	0	0
94.5°	11	9	6	3	2	1	1	0	0	0	0
95°	11	9	6	3	2	1	1	0	0	0	0
95.5°	11	9	6	3	2	1	1	0	0	0	0
96°	11	9	6	3	2	1	1	0	0	0	0
96.5°	11	9	6	3	2	1	1	0	0	0	0
97°	11	9	6	3	2	1	1	0	0	0	0
97.5°	11	9	6	3	2	1	1	0	0	0	0
98°	11	9	6	3	2	1	1	0	0	0	0
98.5°	11	9	6	4	2	1	1	0	0	0	0
99°	11	9	6	4	2	1	1	0	0	0	0
99.5°	11	9	6	4	2	1	1	0	0	0	0
100°	11	9	6	4	2	1	1	0	0	0	0
100.5°	11	9	6	4	2	1	1	0	0	0	0
101°	12	10	6	4	2	1	1	0	0	0	0
101.5°	12	10	6	4	2	1	1	0	0	0	0
102°	13	10	6	4	2	1	1	0	0	0	0
102.5°	15	11	7	4	3	1	1	0	0	0	0
103°	16	11	7	5	3	1	1	0	0	0	0
103.5°	17	12	8	5	3	1	1	0	0	0	0
104°	18	13	8	6	4	1	1	0	0	0	0
104.5°	21	14	10	7	4	1	1	0	0	0	0
105°	23	16	11	8	5	1	1	0	0	0	0
105.5°	24	17	13	9	5	1	1	0	0	0	0
106°	26	19	14	11	6	1	1	0	0	0	0
106.5°	26	22	15	13	6	1	1	0	0	0	0
107°	27	25	18	15	5	1	1	0	0	0	0
107.5°	29	27	19	15	5	1	1	0	0	0	0
108°	30	29	21	15	4	1	1	0	0	0	0
108.5°	31	31	22	15	4	1	1	0	0	0	0
109°	31	32	22	14	4	1	1	0	0	0	0
109.5°	30	31	22	13	4	1	1	0	0	0	0
110°	29	30	21	13	4	1	1	0	0	0	0
110.5°	29	30	21	12	4	1	1	0	0	0	0
111°	28	29	20	11	4	1	1	0	0	0	0
111.5°	27	27	19	11	4	1	1	0	0	0	0
112°	24	24	18	10	3	1	1	0	0	0	0



TEST NUMBER: 08217
 CATALOG NUMBER: CU22146

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	22	21	15	8	3	1	1	0	0	0	0
113°	20	19	14	7	3	1	1	0	0	0	0
113.5°	18	17	12	6	3	1	1	0	0	0	0
114°	17	16	11	6	3	1	1	0	0	0	0
114.5°	16	15	11	5	2	1	1	0	0	0	0
115°	15	14	10	5	2	1	1	0	0	0	0
115.5°	15	13	10	5	2	1	1	0	0	0	0
116°	14	13	9	5	2	1	1	0	0	0	0
116.5°	13	12	9	5	2	1	1	0	0	0	0
117°	12	12	9	4	2	1	1	0	0	0	0
117.5°	12	11	8	4	2	1	1	0	0	0	0
118°	12	11	8	4	2	1	1	0	0	0	0
118.5°	11	10	8	4	2	1	1	0	0	0	0
119°	11	10	7	4	2	1	1	0	0	0	0
119.5°	10	9	7	4	2	1	1	0	0	0	0
120°	10	9	6	3	2	1	1	0	0	0	0
120.5°	9	8	6	3	2	1	1	0	0	0	0
121°	9	8	6	3	2	1	1	0	0	0	0
121.5°	9	8	6	3	2	1	1	0	0	0	0
122°	8	7	6	3	2	1	1	0	0	0	1
122.5°	8	7	5	3	2	1	1	0	0	0	0
123°	8	7	5	3	2	1	1	1	0	1	0
123.5°	7	6	5	3	2	1	1	1	0	1	0
124°	7	6	5	3	2	1	1	1	0	0	1
124.5°	7	6	5	3	2	1	1	1	0	0	1
125°	7	6	5	3	2	1	1	1	0	0	0
125.5°	7	6	5	3	2	1	1	1	0	1	0
126°	6	6	4	3	2	1	1	1	0	0	0
126.5°	6	6	4	3	2	1	1	1	1	0	1
127°	6	6	4	3	2	1	1	1	1	0	0
127.5°	6	5	4	3	2	1	1	1	1	1	1
128°	6	5	4	3	2	1	1	1	1	1	1
128.5°	6	5	4	3	2	1	1	1	1	1	1
129°	5	5	4	3	2	1	1	1	1	1	1
129.5°	5	5	4	3	2	1	1	1	1	1	1
130°	5	5	4	3	2	1	1	1	1	1	1
130.5°	5	5	4	3	2	1	1	1	1	1	1
131°	5	5	4	3	2	1	1	1	1	1	1
131.5°	5	5	4	3	2	1	1	1	1	1	1
132°	5	5	4	3	2	1	1	1	1	1	1
132.5°	5	4	4	3	2	1	1	1	1	1	1
133°	5	4	4	3	2	1	1	1	1	1	1
133.5°	5	4	4	3	2	1	1	1	1	1	1
134°	5	4	4	3	2	1	1	1	1	1	1
134.5°	5	4	4	3	2	1	1	1	1	1	1



TEST NUMBER: 08217
 CATALOG NUMBER: CU22146

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
135°	5	4	4	3	2	1	1	1	1	1	1
135.5°	5	4	3	3	2	1	1	1	1	1	1
136°	5	4	4	3	2	1	1	1	1	1	1
136.5°	5	4	4	3	2	1	1	1	1	1	1
137°	5	4	3	3	2	1	1	1	1	1	1
137.5°	5	5	3	3	2	1	1	1	1	1	1
138°	5	5	3	3	2	1	1	1	1	1	1
138.5°	5	4	3	3	2	1	1	1	1	1	1
139°	5	4	3	3	2	2	1	1	1	1	1
139.5°	5	4	3	3	2	2	1	1	1	1	1
140°	5	4	3	3	2	2	1	1	1	1	1
140.5°	4	4	4	3	2	2	1	1	1	1	1
141°	4	4	4	3	2	2	2	1	1	1	1
141.5°	4	4	4	3	2	2	2	1	1	1	1
142°	4	4	4	3	2	2	2	2	2	1	1
142.5°	5	4	4	4	2	2	2	2	2	1	1
143°	5	4	4	4	2	2	2	2	2	1	1
143.5°	5	4	4	4	2	2	2	2	2	2	1
144°	5	5	5	4	3	2	2	2	2	2	2
144.5°	5	5	5	4	3	2	2	2	2	2	2
145°	5	5	5	5	3	2	2	2	2	2	2
145.5°	5	5	5	5	3	2	2	2	2	2	2
146°	5	5	5	5	3	2	2	2	2	2	2
146.5°	5	5	5	5	3	2	2	2	2	2	2
147°	5	5	6	5	3	2	2	2	2	2	2
147.5°	5	5	7	6	4	2	2	2	2	2	2
148°	5	6	6	7	4	2	2	2	2	2	2
148.5°	5	6	7	7	4	2	2	2	2	2	2
149°	5	6	7	7	4	2	2	2	2	2	2
149.5°	5	6	7	7	4	3	2	2	2	2	2
150°	5	6	7	6	4	3	2	2	2	2	2
150.5°	6	7	8	7	5	3	2	2	2	2	2
151°	6	7	8	7	5	3	2	2	2	2	2
151.5°	6	7	8	7	5	3	2	2	2	2	2
152°	7	7	8	7	5	3	2	2	2	2	2
152.5°	7	7	8	7	5	3	3	2	2	2	2
153°	8	7	8	7	5	3	3	2	2	2	2
153.5°	8	8	8	7	5	3	2	2	2	2	2
154°	8	9	8	7	6	3	2	2	2	2	2
154.5°	9	9	8	7	5	4	3	2	2	2	2
155°	9	9	8	7	5	4	2	2	2	2	2
155.5°	9	9	8	7	5	5	3	2	2	2	2
156°	9	10	9	7	5	4	3	2	2	2	2
156.5°	9	10	9	7	5	5	3	2	2	2	2
157°	9	10	9	7	6	5	3	2	2	2	2



TEST NUMBER: 08217
 CATALOG NUMBER: CU22146

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
157.5°	10	11	9	7	6	5	3	2	2	2	2
158°	11	10	9	7	5	4	3	2	2	2	2
158.5°	11	10	9	7	5	4	3	2	2	2	2
159°	12	10	9	7	5	4	3	2	2	2	2
159.5°	12	10	9	7	6	5	3	2	2	2	2
160°	12	10	9	7	6	5	3	2	2	2	2
160.5°	11	10	9	7	6	5	4	2	2	2	2
161°	11	10	9	7	6	5	4	2	2	2	2
161.5°	11	10	9	8	6	5	3	3	2	2	2
162°	11	10	9	8	6	5	3	3	2	2	2
162.5°	10	10	8	8	7	5	3	3	2	2	2
163°	10	10	8	8	7	5	4	3	2	2	3
163.5°	10	10	8	8	6	5	4	3	2	2	3
164°	11	10	9	8	6	5	4	3	2	2	3
164.5°	11	10	9	8	7	5	4	3	3	3	3
165°	11	10	9	8	7	5	4	3	3	3	3
165.5°	11	9	9	8	8	6	5	4	3	3	3
166°	10	9	8	8	8	6	5	4	3	3	3
166.5°	9	9	9	8	8	6	6	4	3	4	3
167°	9	9	9	8	8	7	6	5	4	4	3
167.5°	9	9	9	8	8	7	6	6	4	4	4
168°	9	9	9	8	8	7	7	5	4	4	4
168.5°	9	9	9	8	8	6	7	6	5	4	4
169°	8	9	9	8	7	6	7	6	5	4	5
169.5°	9	9	8	9	8	6	6	6	5	5	5
170°	9	9	8	9	8	7	6	7	6	5	5
170.5°	9	9	8	8	9	7	7	7	7	6	6
171°	9	9	8	8	8	7	7	8	7	6	7
171.5°	10	9	9	8	8	7	8	8	8	7	8
172°	10	10	10	9	8	7	8	8	8	8	8
172.5°	10	9	11	10	9	8	8	8	9	8	9
173°	10	10	11	10	10	8	8	9	9	8	10
173.5°	11	11	11	11	10	9	9	9	10	10	12
174°	12	12	10	10	10	9	10	9	9	11	12
174.5°	13	12	11	10	10	9	10	10	10	11	11
175°	12	12	12	10	10	9	10	10	10	11	11
175.5°	13	12	12	11	11	10	11	11	11	11	13
176°	13	13	13	12	11	11	11	11	11	12	12
176.5°	14	14	14	13	12	12	12	12	13	13	12
177°	14	14	14	14	13	13	13	13	13	13	13
177.5°	14	14	14	13	13	13	13	13	13	13	13
178°	14	14	14	14	13	14	14	14	13	13	14
178.5°	14	15	15	14	14	14	13	13	13	13	14
179°	15	15	14	14	14	14	14	14	14	14	14
179.5°	15	15	14	14	14	14	14	14	14	14	15



TEST NUMBER: 08217
CATALOG NUMBER: CU22146

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
180°	14	14	14	14	14	14	14	14	14	14	14

(END OF REPORT)