

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: CORELITE

Report Number: P13891

Luminaire Tested: **J2S-L-1L40-1C-UNV-SU-WA**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P13891
Test Lab: INNOVATION CENTER P-1
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: J2S-L-1L40-1C-UNV-SU-WA
Description: CORELITE 2' WALL MOUNTED LED FIXTURE WITH WHITE PAINTED REFLECTOR AND FROSTED LENS. TEST RAN WITH 1.6 AMP RESISTOR INSTALLED.
Light Source: (49) ULM 4000K LED
1UT217049840
Ballast/Driver: (1) ADVANCE ELECTRONIC DRIVER
XI025C100V036XPL1

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 597.7 lumens
Efficiency: N/A
Efficacy: 56.4 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 0.04' x H: 1.62')
CIE Type: General Diffuse

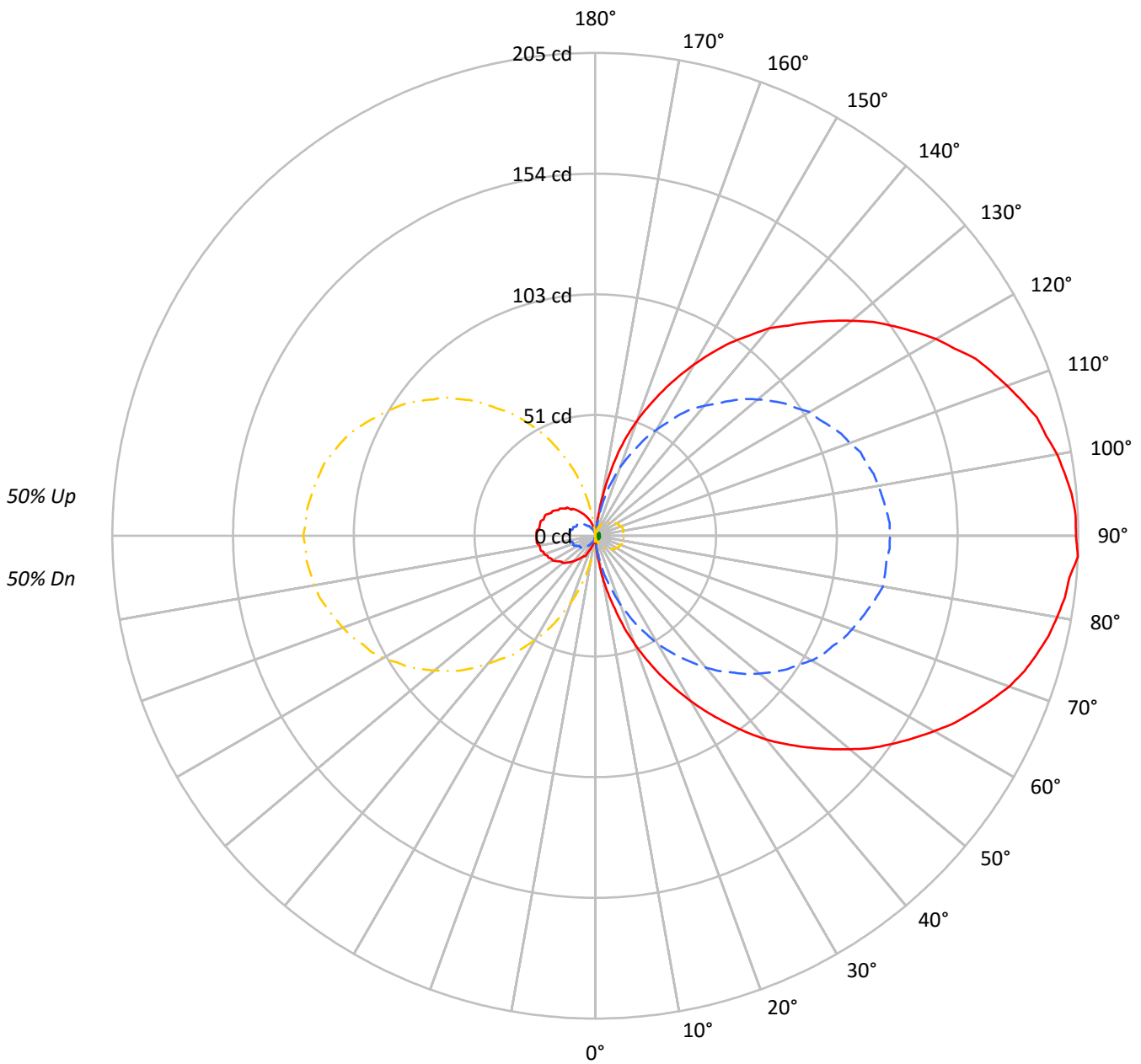
Input Watts (W): 10.6
Input Voltage (V): NR
Input Current (A_{in}): 0.45882
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P13891

CATALOG NUMBER: J2S-L-1L40-1C-UNV-SU-WA

Luminous Intensity Polar Plot



50% Up
50% Dn

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



TEST NUMBER: P13891

CATALOG NUMBER: J2S-L-1L40-1C-UNV-SU-WA

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	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	92	85	79	73	84	78	72	67	64	60	56	52	48	45	40	38	36	30
2	81	71	62	55	74	65	57	51	53	47	42	42	37	33	32	29	25	20
3	73	60	51	43	66	55	46	40	45	38	33	35	30	26	26	23	19	15
4	66	52	42	35	59	47	39	32	39	32	26	30	25	20	23	18	15	11
5	60	46	36	29	54	42	33	26	34	27	21	26	21	17	20	15	12	8
6	55	40	31	24	49	37	28	22	30	23	18	23	18	14	17	13	10	7
7	50	36	27	20	45	33	25	19	27	20	15	21	16	12	16	11	8	5
8	46	32	24	18	42	29	22	16	24	18	13	19	14	10	14	10	7	4
9	43	29	21	15	39	27	19	14	22	16	11	17	12	9	13	9	6	4
10	40	27	19	13	36	24	17	12	20	14	10	16	11	7	12	8	5	3

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	0	0	0	0
5°	940	501	157	0
10°	1599	0	178	0
15°	1993	330	249	0
20°	2364	284	289	0
25°	2575	252	357	0
30°	2740	454	338	0
35°	2882	208	356	0
40°	3013	388	373	0
45°	3093	365	390	0
50°	3183	348	406	0
55°	3262	334	402	0
60°	3336	324	422	0
65°	3409	317	424	0
70°	3483	312	428	0
75°	3523	155	436	0
80°	3553	310	429	0
85°	3574	313	442	0



TEST NUMBER: P13891

CATALOG NUMBER: J2S-L-1L40-1C-UNV-SU-WA

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.3	0.1
10°-20°	3.2	0.5
20°-30°	9.9	1.7
30°-40°	19.9	3.3
40°-50°	31.9	5.3
50°-60°	44.5	7.4
60°-70°	55.9	9.4
70°-80°	64.5	10.8
80°-90°	69.3	11.6
90°-100°	69.0	11.5
100°-110°	64.3	10.8
110°-120°	55.4	9.3
120°-130°	44.2	7.4
130°-140°	31.8	5.3
140°-150°	20.1	3.4
150°-160°	10.2	1.7
160°-170°	3.3	0.5
170°-180°	0.2	0.0
0°-30°	13.4	2.2
0°-40°	33.3	5.6
0°-60°	109.7	18.4
0°-90°	299.4	50.1
90°-120°	188.7	31.6
90°-150°	284.7	47.6
90°-180°	298.0	49.9
0°-180°	597.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	6	1	1	0	6	1
15°	32	1	4	0	32	10
25°	65	1	9	0	65	31
35°	97	1	12	0	97	61
45°	127	2	16	0	127	99
55°	154	2	19	0	154	138
65°	177	2	22	0	177	176
75°	194	1	24	0	194	205
85°	202	2	25	0	202	165
90°	204	2	25	0	204	112
95°	203	2	25	0	203	165
105°	194	2	24	0	194	204
115°	178	1	22	0	178	176
125°	155	2	19	0	155	139
135°	128	1	17	0	128	100
145°	100	1	13	0	100	63
155°	68	1	9	0	68	32
165°	35	0	5	0	35	10
175°	0	1	1	0	0	1
180°	0	0	0	0	0	



TEST NUMBER: P13891

CATALOG NUMBER: J2S-L-1L40-1C-UNV-SU-WA

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	0	0	0	0	0	0	0	0	0	0	0
2.5°	1	2	2	2	2	2	1	1	1	1	1
5°	6	6	6	6	6	6	5	5	4	4	3
7.5°	11	11	11	11	11	10	10	9	8	7	6
10°	18	18	17	17	16	16	14	14	12	11	10
12.5°	25	25	24	24	23	22	20	19	17	16	14
15°	32	32	32	31	30	28	27	25	23	20	18
17.5°	41	40	40	39	37	36	33	31	28	25	22
20°	49	49	47	47	45	43	40	38	34	31	27
22.5°	57	56	56	54	53	50	47	44	40	36	32
25°	65	65	64	62	60	57	54	51	46	42	37
27.5°	73	73	72	70	68	65	61	57	52	47	41
30°	81	81	80	78	76	72	68	64	58	53	46
32.5°	89	89	88	86	83	79	75	70	64	58	51
35°	97	97	95	93	90	86	81	76	70	63	56
37.5°	105	104	103	101	97	92	88	82	75	68	60
40°	113	112	111	108	104	100	94	88	81	73	65
42.5°	120	119	118	115	111	106	100	94	86	78	69
45°	127	127	125	122	118	112	106	99	91	82	74
47.5°	134	133	132	128	124	118	111	105	96	87	77
50°	141	141	139	135	131	124	117	109	100	91	80
52.5°	148	148	145	141	136	130	123	115	105	95	84
55°	154	154	152	147	142	136	127	119	109	99	88
57.5°	160	159	158	154	147	140	133	123	113	102	91
60°	166	166	163	159	153	145	136	127	117	106	94
62.5°	172	171	169	164	158	150	141	131	120	109	97
65°	177	177	173	169	162	155	145	136	124	111	99
67.5°	182	181	179	173	167	158	148	138	127	114	101
70°	187	186	182	177	171	162	151	141	129	116	103
72.5°	191	189	186	181	174	165	154	144	131	118	105
75°	194	192	189	184	176	167	157	145	133	120	106
77.5°	197	196	192	187	179	170	159	148	135	122	108
80°	199	198	195	189	182	172	161	149	136	124	109
82.5°	201	199	197	190	183	172	162	151	138	124	110
85°	202	202	199	192	185	175	164	152	138	124	111
87.5°	205	202	199	193	185	175	164	153	138	125	110
90°	204	203	198	193	186	175	164	152	139	125	110
92.5°	204	202	198	193	184	175	163	152	138	125	110
95°	203	202	198	192	184	174	163	151	138	124	110
97.5°	201	200	197	191	182	173	162	150	136	123	110
100°	199	198	194	190	181	171	160	149	135	122	108
102.5°	196	196	193	187	179	169	158	147	134	121	107
105°	194	193	189	184	176	167	156	145	132	119	106
107.5°	190	189	186	180	174	164	154	143	130	118	104
110°	186	186	182	177	170	161	151	140	128	115	102



TEST NUMBER: P13891

CATALOG NUMBER: J2S-L-1L40-1C-UNV-SU-WA

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	182	181	178	173	166	157	147	137	125	113	100
115°	178	176	173	168	162	153	143	133	122	110	97
117.5°	172	172	168	163	157	150	140	130	119	107	96
120°	167	165	162	159	152	145	136	126	115	105	93
122.5°	161	161	157	153	147	140	131	122	112	101	90
125°	155	154	151	147	141	135	126	118	108	98	86
127.5°	149	148	146	141	137	130	122	114	104	94	83
130°	142	142	139	135	131	124	117	109	100	90	79
132.5°	135	135	132	129	124	118	111	104	95	86	75
135°	128	128	126	123	118	113	106	99	90	81	72
137.5°	121	120	118	115	111	106	99	93	85	76	67
140°	115	114	112	109	105	100	94	88	80	72	64
142.5°	107	106	104	102	98	94	87	82	74	68	59
145°	100	99	97	95	91	87	82	76	69	63	55
147.5°	92	91	89	87	84	80	75	70	64	57	50
150°	84	83	82	80	77	73	69	64	58	52	46
152.5°	76	75	74	72	69	66	62	58	52	47	41
155°	68	68	66	64	62	59	55	51	46	41	36
157.5°	60	59	58	56	54	52	48	45	40	36	31
160°	52	51	50	49	47	44	42	39	35	31	27
162.5°	44	43	42	41	39	37	35	32	29	25	22
165°	35	35	35	33	32	30	28	25	22	20	17
167.5°	25	25	24	23	22	21	19	18	16	14	12
170°	15	15	14	13	13	12	11	10	9	8	7
172.5°	6	6	5	5	5	5	4	4	3	3	3
175°	0	0	0	0	0	1	1	1	1	1	1
177.5°	0	0	0	0	0	0	1	1	1	1	1
180°	0	0	0	0	0	0	0	0	0	0	0



TEST NUMBER: P13891

CATALOG NUMBER: J2S-L-1L40-1C-UNV-SU-WA

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	112.5°	135°	157.5°
0°	0	0	0	0	0	0	0	0	0	0	0
2.5°	1	1	1	1	1	0	1	0	0	0	0
5°	3	3	2	2	1	1	1	1	1	0	0
7.5°	6	5	4	3	2	1	1	0	1	1	1
10°	8	7	6	4	3	2	1	0	1	1	2
12.5°	12	10	8	6	4	3	1	1	1	2	3
15°	16	13	10	8	6	4	2	1	1	2	3
17.5°	19	16	13	10	7	4	2	1	2	3	4
20°	23	19	16	12	8	5	3	1	2	3	5
22.5°	27	23	18	14	10	6	3	1	2	3	6
25°	32	26	21	16	11	7	3	1	3	5	7
27.5°	36	30	24	18	13	8	4	1	3	5	8
30°	40	33	26	20	14	9	4	2	3	5	8
32.5°	44	37	30	22	16	10	5	1	3	6	9
35°	48	40	32	25	17	11	5	1	4	6	9
37.5°	52	43	35	27	19	12	6	1	4	7	10
40°	56	47	38	29	20	13	6	2	4	7	10
42.5°	60	50	40	31	22	13	6	2	4	8	11
45°	63	53	43	33	23	14	7	2	5	8	11
47.5°	67	56	45	35	24	15	7	1	5	8	12
50°	70	59	48	36	25	15	7	2	5	9	12
52.5°	73	62	50	38	27	16	8	2	6	9	13
55°	76	64	52	40	28	17	8	2	6	10	13
57.5°	79	66	54	41	29	17	8	2	6	10	14
60°	81	69	56	42	30	18	8	2	6	10	14
62.5°	84	71	57	44	31	19	9	2	6	11	14
65°	86	72	59	45	32	19	9	2	6	11	15
67.5°	88	74	60	46	32	20	9	2	6	11	15
70°	90	76	61	47	33	20	9	2	7	11	15
72.5°	91	77	62	48	34	20	9	2	7	12	15
75°	92	78	63	48	34	20	9	1	6	11	15
77.5°	93	79	64	49	35	21	9	2	7	12	16
80°	94	79	64	49	35	21	9	2	7	12	16
82.5°	95	81	65	50	35	21	9	2	7	12	16
85°	96	80	66	50	35	21	10	2	7	12	16
87.5°	96	81	65	50	35	21	10	2	7	13	16
90°	96	81	65	50	35	21	9	2	7	12	16
92.5°	95	80	65	50	35	21	9	1	7	12	16
95°	95	80	65	50	35	21	9	2	7	12	15
97.5°	94	80	65	50	34	21	9	2	7	12	15
100°	94	79	64	49	34	20	9	2	7	12	15
102.5°	92	78	63	48	34	20	9	2	7	12	15
105°	91	77	62	48	33	20	9	2	7	12	14
107.5°	90	76	62	47	33	20	8	2	7	12	14
110°	89	74	60	46	32	19	8	2	7	12	14



TEST NUMBER: P13891

CATALOG NUMBER: J2S-L-1L40-1C-UNV-SU-WA

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	112.5°	135°	157.5°
112.5°	86	73	59	45	31	18	8	1	6	11	13
115°	84	71	57	43	30	18	7	1	6	11	13
117.5°	82	69	56	42	29	18	8	2	6	11	13
120°	80	67	54	40	28	16	7	1	6	10	12
122.5°	77	65	52	39	27	16	7	1	6	10	12
125°	75	62	50	38	26	15	7	2	6	10	12
127.5°	72	60	48	36	25	15	6	1	6	10	11
130°	69	57	46	35	24	14	6	1	5	9	11
132.5°	65	54	44	33	22	13	5	1	5	9	10
135°	62	52	41	31	21	12	5	1	5	8	10
137.5°	58	48	38	28	19	11	4	1	5	7	9
140°	55	46	36	27	18	11	4	1	5	7	9
142.5°	50	42	33	25	17	10	4	1	4	7	9
145°	47	39	31	23	15	9	4	1	4	7	8
147.5°	43	35	28	21	14	8	3	1	4	6	8
150°	39	32	25	18	12	7	3	1	3	6	8
152.5°	34	29	22	16	11	6	2	1	3	5	7
155°	31	25	20	14	10	5	2	1	3	5	7
157.5°	26	21	17	12	8	4	2	1	3	4	6
160°	22	18	14	10	7	4	1	1	3	4	6
162.5°	18	15	12	8	5	3	1	1	2	3	5
165°	14	11	8	6	4	2	0	0	2	2	4
167.5°	10	8	6	4	3	1	1	1	1	2	3
170°	6	5	3	3	2	1	0	1	1	1	3
172.5°	2	2	2	1	1	1	1	1	1	1	2
175°	1	1	1	1	1	0	1	1	0	1	1
177.5°	1	1	1	1	1	1	1	1	0	0	0
180°	0	0	0	0	0	0	0	0	0	0	0



TEST NUMBER: P13891

CATALOG NUMBER: J2S-L-1L40-1C-UNV-SU-WA

CANDELA DISTRIBUTION (continued):

	180°	202.5°	225°	247.5°	270°	275°	280°	285°	290°	295°	300°
0°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	1	0	0	1	1	1
5°	1	0	0	0	0	1	1	1	2	2	3
7.5°	1	1	0	1	0	1	1	2	3	4	5
10°	2	2	1	0	0	1	2	3	4	6	7
12.5°	3	3	1	0	0	1	2	4	6	8	10
15°	4	4	2	1	0	1	3	5	8	10	13
17.5°	5	5	2	1	0	2	4	7	10	13	16
20°	6	6	3	1	0	2	5	8	12	15	19
22.5°	7	6	3	1	0	2	5	9	13	17	22
25°	9	8	3	2	0	2	6	11	15	20	25
27.5°	10	8	4	2	0	3	7	12	17	23	29
30°	10	9	4	2	0	3	7	13	19	25	32
32.5°	11	10	5	2	0	3	8	14	21	28	35
35°	12	10	5	2	0	4	9	16	23	30	39
37.5°	13	11	6	2	0	4	10	17	25	33	42
40°	14	11	6	3	0	4	10	18	27	36	45
42.5°	15	12	6	3	0	4	11	19	29	38	48
45°	16	12	7	3	0	5	12	20	30	40	51
47.5°	17	12	7	3	0	5	12	22	32	42	54
50°	18	13	8	3	0	5	13	23	34	45	57
52.5°	18	13	8	3	0	6	14	25	35	47	59
55°	19	13	8	4	0	6	14	25	37	49	62
57.5°	20	13	8	4	0	5	15	26	38	51	64
60°	21	14	9	4	0	6	15	27	40	53	66
62.5°	21	14	9	4	0	6	16	28	41	54	68
65°	22	14	10	4	0	6	16	28	42	55	70
67.5°	22	14	10	4	0	6	16	29	43	57	73
70°	23	14	10	4	0	6	17	29	44	59	73
72.5°	23	14	10	4	0	6	17	31	45	59	75
75°	24	14	10	5	0	7	17	31	45	60	75
77.5°	24	14	11	5	0	7	18	31	46	61	76
80°	24	14	11	5	0	6	18	32	47	62	77
82.5°	25	14	11	5	0	7	18	32	47	62	78
85°	25	14	11	5	0	7	18	32	47	63	79
87.5°	25	14	11	5	0	7	18	32	48	63	79
90°	25	14	11	5	0	7	18	32	48	63	79
92.5°	25	13	11	4	0	6	18	32	47	63	79
95°	25	13	11	5	0	7	18	32	47	63	79
97.5°	24	13	11	5	0	7	18	32	47	62	79
100°	24	12	11	5	0	7	18	32	47	62	78
102.5°	24	12	11	5	0	7	18	32	46	61	77
105°	24	12	10	5	0	7	18	31	46	61	76
107.5°	23	11	10	4	0	7	17	31	45	60	75
110°	23	11	10	4	0	6	17	30	44	59	74



TEST NUMBER: P13891

CATALOG NUMBER: J2S-L-1L40-1C-UNV-SU-WA

CANDELA DISTRIBUTION (continued):

	180°	202.5°	225°	247.5°	270°	275°	280°	285°	290°	295°	300°
112.5°	23	11	10	4	0	6	17	29	44	58	72
115°	22	10	9	4	0	6	16	28	42	57	70
117.5°	21	10	9	4	0	6	16	28	42	55	69
120°	21	10	9	4	0	6	15	27	40	53	67
122.5°	20	9	9	4	0	6	15	27	39	52	65
125°	19	9	8	3	0	6	14	26	38	50	63
127.5°	19	9	8	3	0	6	14	25	36	48	60
130°	18	9	7	3	0	5	14	24	35	46	58
132.5°	17	8	7	3	0	5	13	22	33	44	55
135°	17	8	7	3	0	5	12	21	32	42	53
137.5°	15	8	6	2	0	4	11	20	29	39	49
140°	15	8	6	3	0	5	11	19	28	37	47
142.5°	14	8	5	2	0	4	10	18	26	35	44
145°	13	7	5	2	0	4	10	17	24	32	41
147.5°	12	7	5	2	0	4	9	15	22	30	38
150°	11	7	4	2	0	3	8	14	20	27	34
152.5°	10	6	4	2	0	3	8	13	19	25	31
155°	9	6	3	1	0	3	7	11	17	22	28
157.5°	8	6	3	1	0	3	6	10	15	19	24
160°	7	5	3	1	0	2	5	9	13	17	21
162.5°	6	5	2	1	0	2	5	8	11	14	18
165°	5	4	1	0	0	2	3	6	8	11	14
167.5°	4	3	1	0	0	1	3	4	6	8	10
170°	3	2	1	0	0	1	2	3	4	5	7
172.5°	2	2	0	0	0	0	1	1	2	2	3
175°	1	0	0	0	0	0	0	0	0	0	0
177.5°	0	0	0	0	0	0	0	0	0	0	0
180°	0	0	0	0	0	0	0	0	0	0	0



TEST NUMBER: P13891

CATALOG NUMBER: J2S-L-1L40-1C-UNV-SU-WA

CANDELA DISTRIBUTION (continued):

	305°	310°	315°	320°	325°	330°	335°	340°	345°	350°	355°
0°	0	0	0	0	0	0	0	0	0	0	0
2.5°	1	1	1	1	1	1	1	1	1	1	2
5°	3	4	4	4	5	5	5	6	6	6	6
7.5°	6	7	7	8	9	9	10	10	11	11	11
10°	8	10	11	12	13	14	15	16	17	17	17
12.5°	12	14	15	17	19	21	22	23	24	24	25
15°	15	18	20	22	25	27	28	30	31	32	32
17.5°	19	22	25	28	31	33	35	37	39	40	40
20°	23	27	30	34	37	40	43	45	47	48	49
22.5°	26	31	35	39	43	47	50	52	54	56	57
25°	31	36	41	45	50	53	57	60	62	64	64
27.5°	34	40	46	51	56	60	64	67	70	72	73
30°	39	45	51	57	62	67	71	75	77	79	80
32.5°	42	50	56	63	68	74	78	82	85	87	89
35°	47	54	62	68	75	80	85	90	93	95	97
37.5°	50	58	66	74	80	87	92	96	100	102	104
40°	54	63	71	79	87	93	99	104	107	110	112
42.5°	58	67	76	84	92	99	105	110	114	117	119
45°	61	71	81	90	98	105	112	117	122	125	127
47.5°	64	75	85	94	103	110	117	123	128	131	133
50°	68	79	89	99	108	116	124	130	135	138	140
52.5°	71	82	93	103	113	122	129	136	141	145	147
55°	74	86	97	108	118	127	135	142	147	151	154
57.5°	76	89	100	112	122	131	140	146	153	156	159
60°	79	92	104	115	126	136	144	153	158	163	166
62.5°	81	94	107	118	130	140	149	157	163	168	172
65°	84	97	109	122	133	144	154	162	168	174	177
67.5°	85	99	112	125	137	147	157	166	172	178	181
70°	87	101	114	127	139	150	161	170	176	182	185
72.5°	89	103	116	129	142	154	164	173	181	186	189
75°	90	104	118	131	144	156	167	176	183	189	193
77.5°	91	106	120	133	146	158	169	178	186	191	196
80°	92	107	121	134	148	160	171	180	188	195	198
82.5°	93	108	122	136	149	161	173	183	190	197	201
85°	94	108	123	137	150	163	175	184	192	199	201
87.5°	94	109	123	138	151	163	174	184	193	199	202
90°	94	109	124	137	151	163	175	185	193	200	202
92.5°	93	108	123	137	151	163	175	184	192	198	201
95°	94	108	123	137	151	163	174	185	191	198	202
97.5°	93	108	122	136	149	162	173	183	190	196	200
100°	92	108	121	135	148	160	171	181	188	195	199
102.5°	92	106	120	134	147	158	169	179	187	192	196
105°	91	105	119	132	145	156	167	176	184	190	193
107.5°	89	104	117	130	143	154	165	173	181	186	190
110°	88	102	115	128	140	151	161	170	177	183	186



TEST NUMBER: P13891

CATALOG NUMBER: J2S-L-1L40-1C-UNV-SU-WA

CANDELA DISTRIBUTION (continued):

	305°	310°	315°	320°	325°	330°	335°	340°	345°	350°	355°
112.5°	86	100	113	125	137	149	157	166	173	179	181
115°	84	97	110	121	134	144	154	163	168	173	177
117.5°	82	95	107	119	131	140	150	158	164	169	172
120°	80	92	104	116	126	137	146	153	159	163	166
122.5°	77	90	101	113	123	132	140	148	153	158	160
125°	75	87	98	109	119	127	136	142	148	152	154
127.5°	72	84	94	105	114	123	131	137	142	146	148
130°	69	80	90	100	110	118	125	131	136	140	142
132.5°	66	77	87	96	104	112	119	125	130	133	135
135°	63	73	82	91	99	107	113	119	123	126	128
137.5°	59	69	78	86	94	100	107	112	116	119	121
140°	56	65	73	81	89	96	101	106	110	112	113
142.5°	52	61	68	76	83	89	95	99	102	105	106
145°	49	56	64	71	77	84	88	92	95	98	99
147.5°	45	52	59	66	72	77	81	85	88	90	92
150°	41	48	54	60	66	71	74	78	81	83	83
152.5°	37	43	49	54	59	63	67	71	73	75	76
155°	33	39	44	49	53	57	60	63	66	67	68
157.5°	29	34	38	43	47	50	54	56	58	59	60
160°	25	29	33	37	41	44	46	48	50	51	52
162.5°	21	25	28	31	34	37	39	41	42	43	44
165°	17	19	22	24	27	29	31	32	34	35	35
167.5°	12	14	16	18	19	21	22	23	24	25	25
170°	8	9	10	11	12	13	14	14	15	15	15
172.5°	3	4	4	4	5	5	5	6	6	6	6
175°	0	0	0	0	0	0	0	0	0	0	0
177.5°	0	0	0	0	0	0	0	0	0	0	0
180°	0	0	0	0	0	0	0	0	0	0	0



TEST NUMBER: P13891

CATALOG NUMBER: J2S-L-1L40-1C-UNV-SU-WA

CANDELA DISTRIBUTION (continued):

	360°
0°	0
2.5°	1
5°	6
7.5°	11
10°	18
12.5°	25
15°	32
17.5°	41
20°	49
22.5°	57
25°	65
27.5°	73
30°	81
32.5°	89
35°	97
37.5°	105
40°	113
42.5°	120
45°	127
47.5°	134
50°	141
52.5°	148
55°	154
57.5°	160
60°	166
62.5°	172
65°	177
67.5°	182
70°	187
72.5°	191
75°	194
77.5°	197
80°	199
82.5°	201
85°	202
87.5°	205
90°	204
92.5°	204
95°	203
97.5°	201
100°	199
102.5°	196
105°	194
107.5°	190
110°	186



TEST NUMBER: P13891

CATALOG NUMBER: J2S-L-1L40-1C-UNV-SU-WA

CANDELA DISTRIBUTION (continued):

	360°
112.5°	182
115°	178
117.5°	172
120°	167
122.5°	161
125°	155
127.5°	149
130°	142
132.5°	135
135°	128
137.5°	121
140°	115
142.5°	107
145°	100
147.5°	92
150°	84
152.5°	76
155°	68
157.5°	60
160°	52
162.5°	44
165°	35
167.5°	25
170°	15
172.5°	6
175°	0
177.5°	0
180°	0

(END OF REPORT)