

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: P13895

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P13895
Test Lab: INNOVATION CENTER P-1
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: J2S-M-1L40-1C-UNV-SU-WA
Description: CORELITE 2' WALL MOUNTED LED FIXTURE WITH WHITE PAINTED REFLECTOR AND CLEAR MICRO PRISMATIC 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: 665.1 lumens
Efficiency: N/A
Efficacy: 62.7 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

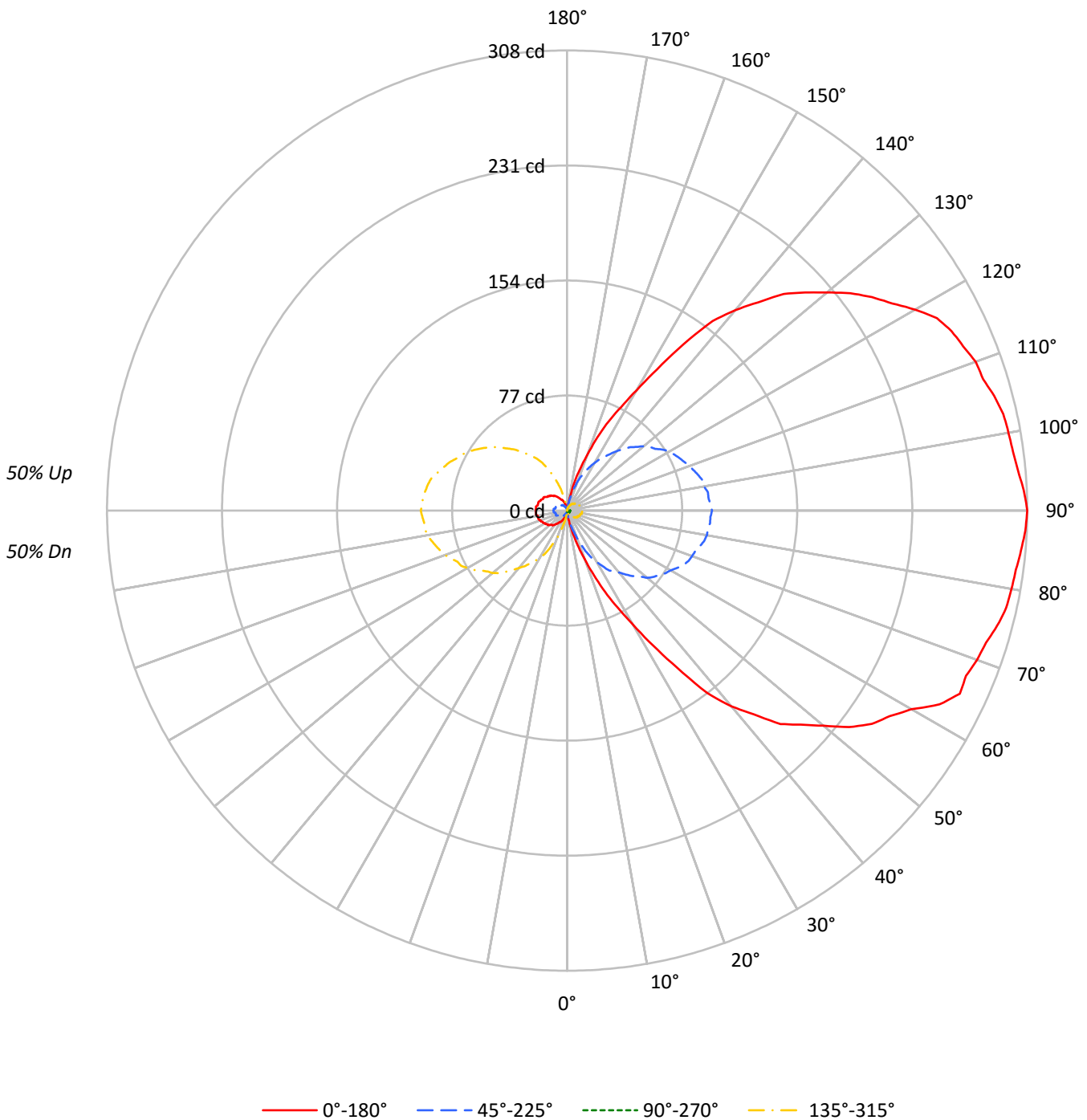
Input Watts (W): 10.6
Input Voltage (V): NR
Input Current (A_{in}): 0.45842
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P13895

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

Luminous Intensity Polar Plot





TEST NUMBER: P13895

CATALOG NUMBER: J2S-M-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	78	73	83	77	72	67	64	59	55	51	48	45	40	37	35	29
2	81	70	62	54	73	64	56	50	52	46	41	41	37	33	31	28	25	20
3	72	60	50	42	65	54	46	39	44	37	32	35	29	25	26	22	18	14
4	65	52	42	34	59	47	38	31	38	31	25	30	24	20	22	18	14	10
5	59	45	35	28	53	41	32	25	33	26	21	26	20	16	19	15	11	8
6	54	40	30	23	49	36	28	21	29	22	17	23	17	13	17	13	9	6
7	50	35	26	20	45	32	24	18	26	19	14	20	15	11	15	11	8	5
8	46	32	23	17	41	29	21	15	24	17	12	18	13	9	14	10	6	4
9	43	29	20	15	39	26	19	13	21	15	11	17	12	8	12	8	5	3
10	40	26	18	13	36	24	17	12	19	13	9	15	10	7	11	8	5	3

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	0	0	0	0
5°	313	501	0	0
10°	622	397	178	0
15°	1121	330	187	0
20°	1689	284	241	0
25°	2377	252	277	252
30°	2977	227	304	0
35°	3803	208	297	0
40°	4560	388	320	0
45°	4920	365	341	0
50°	5056	348	339	0
55°	5275	334	339	0
60°	5346	324	342	0
65°	5585	317	347	0
70°	5438	156	354	0
75°	5412	310	363	0
80°	5392	310	357	0
85°	5396	313	372	0



TEST NUMBER: P13895

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

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.1	0.0
10°-20°	1.9	0.3
20°-30°	8.1	1.2
30°-40°	19.6	2.9
40°-50°	34.4	5.2
50°-60°	50.4	7.6
60°-70°	64.4	9.7
70°-80°	74.4	11.2
80°-90°	79.8	12.0
90°-100°	79.4	11.9
100°-110°	73.9	11.1
110°-120°	63.7	9.6
120°-130°	50.1	7.5
130°-140°	34.5	5.2
140°-150°	19.9	3.0
150°-160°	8.5	1.3
160°-170°	2.1	0.3
170°-180°	0.1	0.0
0°-30°	10.1	1.5
0°-40°	29.7	4.5
0°-60°	114.5	17.2
0°-90°	333.0	50.1
90°-120°	217.0	32.6
90°-150°	321.4	48.3
90°-180°	332.0	49.9
0°-180°	665.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	2	1	0	0	2	0
15°	18	1	3	0	18	6
25°	60	1	7	1	60	29
35°	128	1	10	0	128	82
45°	202	2	14	0	202	155
55°	249	2	16	0	249	222
65°	290	2	18	0	290	283
75°	298	2	20	0	298	315
85°	305	2	21	0	305	249
90°	308	2	21	0	308	168
95°	303	2	21	0	303	247
105°	296	1	20	0	296	313
115°	284	1	18	0	284	281
125°	249	1	16	0	249	223
135°	205	1	14	0	205	158
145°	136	1	11	0	136	86
155°	66	1	8	0	66	31
165°	22	1	4	0	22	7
175°	0	1	1	0	0	0
180°	0	0	0	0	0	



TEST NUMBER: P13895

CATALOG NUMBER: J2S-M-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°	0	1	1	1	1	1	1	2	2	2	2
5°	2	2	2	2	2	2	2	3	2	2	2
7.5°	3	4	4	4	4	4	4	4	4	4	3
10°	7	7	7	7	7	7	7	6	6	6	5
12.5°	12	12	12	11	12	11	10	10	9	8	7
15°	18	18	18	17	17	16	15	14	13	12	10
17.5°	26	26	26	25	24	23	21	19	17	15	14
20°	35	36	35	34	32	30	27	26	22	20	18
22.5°	47	46	47	44	41	38	35	32	28	25	21
25°	60	57	58	55	52	46	43	39	33	31	24
27.5°	73	71	71	66	67	56	51	47	40	36	29
30°	88	88	88	80	81	69	60	53	46	40	31
32.5°	107	106	106	96	93	81	70	60	50	44	35
35°	128	126	126	109	105	92	81	67	56	49	39
37.5°	154	146	141	125	117	102	91	76	62	51	42
40°	171	165	159	143	129	114	99	84	67	54	44
42.5°	185	182	177	158	143	123	108	90	73	58	46
45°	202	198	192	178	156	135	117	97	80	62	48
47.5°	212	213	206	196	170	147	128	103	86	65	51
50°	224	225	211	212	182	160	135	111	91	70	53
52.5°	238	245	222	222	199	171	145	117	96	73	55
55°	249	253	232	233	219	183	152	125	100	75	58
57.5°	256	262	238	238	232	197	160	132	105	78	60
60°	266	274	249	250	240	205	170	140	110	80	62
62.5°	281	283	257	258	248	216	179	146	114	83	63
65°	290	290	258	264	256	227	187	152	119	86	64
67.5°	289	294	261	268	263	238	193	158	123	88	64
70°	292	299	268	271	264	248	199	163	126	89	64
72.5°	294	304	277	276	263	256	205	168	129	90	66
75°	298	309	284	282	268	263	211	173	132	92	67
77.5°	301	311	288	287	273	267	217	176	134	94	68
80°	302	309	287	291	276	267	221	177	136	95	68
82.5°	303	312	290	293	278	269	224	178	137	95	68
85°	305	313	291	296	279	269	226	178	138	96	69
87.5°	307	317	293	300	282	271	229	180	139	96	69
90°	308	317	293	300	283	272	230	181	140	97	69
92.5°	306	316	291	297	280	270	228	179	139	96	69
95°	303	311	291	295	277	268	225	177	137	95	68
97.5°	301	311	288	293	277	266	222	176	137	95	68
100°	300	308	288	291	274	264	219	175	135	93	68
102.5°	299	309	288	287	272	265	215	173	134	93	67
105°	296	308	283	283	267	259	208	169	130	91	65
107.5°	292	303	278	278	262	253	203	166	127	89	64
110°	291	299	271	273	264	243	198	161	124	87	63



TEST NUMBER: P13895

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

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	287	293	263	268	260	232	192	156	122	85	62
115°	284	289	261	265	252	223	186	149	117	83	60
117.5°	279	282	258	261	247	212	179	144	114	81	59
120°	269	272	247	253	239	201	171	138	109	79	58
122.5°	258	263	240	244	230	193	162	131	105	76	56
125°	249	251	232	235	215	183	152	124	99	72	54
127.5°	239	245	223	222	200	171	144	115	94	70	53
130°	227	229	212	210	184	160	134	108	89	67	51
132.5°	216	214	206	192	171	148	124	101	85	63	48
135°	205	202	194	174	158	134	115	93	80	60	45
137.5°	189	186	175	157	144	121	104	84	76	56	43
140°	175	174	158	142	131	111	96	77	70	52	42
142.5°	160	153	143	129	117	101	89	71	63	48	39
145°	136	134	126	114	105	89	81	65	58	44	37
147.5°	112	115	112	99	94	79	74	58	52	41	34
150°	93	97	93	86	82	69	65	51	46	37	31
152.5°	78	80	77	71	68	60	56	45	40	33	27
155°	66	63	62	59	57	49	46	38	34	29	24
157.5°	53	50	49	47	45	40	37	32	29	25	21
160°	40	39	40	37	34	32	30	25	23	21	17
162.5°	30	30	30	28	27	25	23	21	18	16	13
165°	22	22	21	20	19	18	17	15	13	12	10
167.5°	12	12	12	12	12	11	10	9	8	7	6
170°	6	6	5	5	5	5	5	5	4	4	3
172.5°	1	2	2	2	2	2	2	2	2	2	2
175°	0	0	0	0	1	1	1	1	1	1	1
177.5°	0	0	0	1	1	1	1	1	1	1	1
180°	0	0	0	0	0	0	0	0	0	0	0



TEST NUMBER: P13895

CATALOG NUMBER: J2S-M-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°	2	1	1	1	1	1	1	0	0	0	0
5°	2	2	2	2	2	1	1	1	0	0	0
7.5°	3	3	2	2	2	2	1	1	0	0	1
10°	5	4	3	3	3	2	1	1	1	1	2
12.5°	7	6	5	4	3	2	2	1	1	1	2
15°	9	7	6	5	4	3	2	1	1	2	3
17.5°	12	10	8	6	6	4	2	1	1	2	3
20°	15	12	10	8	7	5	3	1	2	2	4
22.5°	18	14	11	9	7	5	3	1	2	3	5
25°	21	16	13	11	9	6	3	1	2	3	6
27.5°	24	18	15	12	10	7	4	1	2	4	6
30°	27	20	16	14	11	8	4	1	2	4	6
32.5°	28	22	17	15	12	8	4	1	3	4	7
35°	29	24	18	15	13	9	5	1	3	5	8
37.5°	31	24	19	16	13	9	5	1	3	5	8
40°	34	25	20	17	14	10	5	2	3	6	9
42.5°	36	26	19	17	14	11	5	2	3	6	9
45°	37	27	20	17	14	11	5	2	4	6	9
47.5°	38	27	21	17	14	10	5	1	4	7	10
50°	40	28	21	18	15	11	6	2	4	7	10
52.5°	41	28	22	18	15	11	6	2	4	7	11
55°	42	29	22	17	15	11	6	2	4	8	11
57.5°	42	28	21	18	15	11	6	2	4	8	11
60°	42	27	21	18	15	11	6	2	5	8	12
62.5°	42	27	21	18	15	11	6	2	5	8	12
65°	43	28	22	18	14	11	6	2	5	9	12
67.5°	43	28	22	18	15	11	6	2	5	9	12
70°	43	28	22	17	14	11	6	1	4	9	12
72.5°	44	29	22	17	15	11	6	2	5	9	13
75°	45	29	22	18	15	11	6	2	5	9	13
77.5°	45	30	22	17	15	11	6	2	5	10	13
80°	45	29	22	18	14	11	6	2	5	10	13
82.5°	45	30	22	18	14	11	6	2	5	10	13
85°	45	29	22	18	14	10	6	2	5	10	13
87.5°	46	30	21	18	14	10	6	2	5	10	13
90°	45	29	21	18	14	10	6	2	5	10	13
92.5°	46	29	22	17	14	11	6	2	5	10	13
95°	45	29	21	17	14	10	6	2	5	10	13
97.5°	45	29	21	17	14	10	6	1	5	10	12
100°	44	29	21	17	14	10	5	1	5	10	12
102.5°	44	29	21	17	14	10	5	1	5	9	12
105°	43	28	21	17	14	10	5	1	5	9	12
107.5°	43	28	21	17	14	10	5	1	5	9	12
110°	43	28	21	17	14	10	5	1	5	9	11



TEST NUMBER: P13895

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

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	112.5°	135°	157.5°
112.5°	42	27	22	17	14	10	5	1	5	9	11
115°	41	27	21	17	14	10	5	1	4	8	10
117.5°	41	27	21	17	14	10	5	1	5	9	11
120°	39	26	21	17	14	10	5	1	4	8	10
122.5°	39	25	20	17	14	10	5	1	4	8	10
125°	38	25	20	17	14	10	5	1	4	8	9
127.5°	38	25	20	17	14	10	4	1	4	7	9
130°	37	25	20	16	14	10	4	1	4	7	9
132.5°	36	25	20	17	14	10	4	1	4	7	9
135°	35	24	20	16	13	9	4	1	4	6	8
137.5°	33	24	19	16	13	9	4	1	3	6	7
140°	32	23	18	15	13	9	4	1	3	6	7
142.5°	31	22	17	15	12	8	3	1	3	6	7
145°	28	21	17	14	11	7	3	1	3	5	7
147.5°	26	20	16	13	11	7	3	1	3	5	7
150°	23	19	15	12	10	6	2	1	3	4	6
152.5°	21	17	13	11	9	6	2	1	2	4	6
155°	20	15	12	10	8	5	2	1	2	4	5
157.5°	17	13	11	9	7	4	2	1	2	3	5
160°	14	10	9	7	5	3	1	0	1	3	5
162.5°	11	9	7	6	4	3	1	1	1	2	4
165°	8	7	5	4	3	2	1	1	1	2	3
167.5°	5	4	4	3	2	1	1	1	1	1	3
170°	3	3	2	2	1	1	1	1	1	1	2
172.5°	2	2	2	2	1	1	1	1	0	1	1
175°	1	1	1	1	1	1	1	1	0	0	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: P13895

CATALOG NUMBER: J2S-M-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	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	1
7.5°	1	1	1	0	0	0	1	1	1	1	1
10°	2	2	1	0	0	1	1	1	2	2	3
12.5°	3	2	1	1	0	1	1	2	3	3	4
15°	3	3	1	1	0	1	2	3	4	5	6
17.5°	4	4	2	1	0	1	3	4	5	6	8
20°	5	5	2	1	0	2	3	5	7	8	11
22.5°	6	5	2	1	0	2	4	7	8	10	13
25°	7	6	3	1	1	2	5	8	10	12	15
27.5°	8	7	3	1	0	2	6	9	11	13	17
30°	9	8	4	1	0	3	7	9	12	14	19
32.5°	9	8	4	2	0	3	7	11	13	16	21
35°	10	9	4	2	0	3	8	12	14	17	22
37.5°	11	9	5	2	0	3	8	12	15	17	22
40°	12	10	5	2	0	3	9	12	15	18	24
42.5°	13	10	5	2	0	3	9	13	16	19	25
45°	14	10	5	2	0	3	9	13	16	19	26
47.5°	14	10	5	2	0	3	9	13	16	19	26
50°	15	11	6	2	0	4	9	14	16	20	26
52.5°	16	11	6	3	0	3	9	14	17	20	26
55°	16	11	7	3	0	4	9	14	17	20	26
57.5°	17	11	7	3	0	4	10	14	17	20	26
60°	17	11	7	3	0	4	9	14	17	21	27
62.5°	18	12	7	3	0	4	9	14	17	21	28
65°	18	12	8	3	0	4	9	14	17	21	28
67.5°	19	12	8	3	0	4	9	14	17	21	29
70°	19	12	8	3	0	3	9	13	17	20	29
72.5°	20	12	8	3	0	4	9	13	17	20	29
75°	20	12	8	3	0	4	9	13	17	20	29
77.5°	20	12	8	3	0	4	9	13	17	20	29
80°	20	12	8	3	0	4	9	14	17	20	29
82.5°	21	12	9	3	0	4	9	13	17	20	29
85°	21	12	9	3	0	4	9	14	17	20	29
87.5°	21	12	9	3	0	4	9	13	17	20	29
90°	21	12	9	3	0	4	9	13	17	20	29
92.5°	21	11	9	4	0	4	9	13	17	20	29
95°	21	11	9	3	0	4	9	13	17	20	29
97.5°	21	10	9	3	0	4	9	13	17	20	29
100°	20	10	8	3	0	4	9	13	17	20	29
102.5°	20	10	8	3	0	4	9	13	17	20	29
105°	20	10	8	3	0	4	9	13	17	20	29
107.5°	20	10	8	3	0	4	9	13	17	20	29
110°	19	9	8	3	0	4	9	13	17	21	29



TEST NUMBER: P13895

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

CANDELA DISTRIBUTION (continued):

	180°	202.5°	225°	247.5°	270°	275°	280°	285°	290°	295°	300°
112.5°	19	9	8	3	0	4	9	14	17	21	29
115°	18	8	7	3	0	3	9	13	16	21	28
117.5°	18	8	7	3	0	4	9	14	16	21	28
120°	18	8	7	3	0	4	9	14	17	20	27
122.5°	17	8	7	3	0	4	9	13	17	20	26
125°	16	7	7	3	0	3	10	14	17	20	26
127.5°	16	7	6	2	0	4	9	13	17	19	26
130°	15	7	6	2	0	4	9	14	16	20	27
132.5°	15	7	5	2	0	4	9	13	17	20	27
135°	14	7	5	2	0	3	9	13	16	20	27
137.5°	13	6	5	2	0	3	9	13	16	19	25
140°	13	7	5	2	0	4	9	13	15	18	25
142.5°	12	6	4	2	0	4	8	12	15	18	23
145°	11	6	4	2	0	3	8	12	14	17	23
147.5°	10	6	4	1	0	3	8	11	14	16	22
150°	9	5	3	1	0	3	7	10	13	15	20
152.5°	8	5	3	1	0	3	7	9	12	14	18
155°	8	5	3	1	0	3	6	8	11	13	16
157.5°	7	5	2	1	0	2	5	7	9	11	15
160°	6	4	2	1	0	2	4	6	7	9	12
162.5°	5	4	2	1	0	2	3	5	6	8	10
165°	4	3	1	0	0	1	2	3	4	6	7
167.5°	3	3	1	0	0	1	1	2	3	4	4
170°	2	2	1	0	0	0	1	1	1	2	2
172.5°	2	1	0	0	0	0	0	0	0	0	1
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: P13895

CATALOG NUMBER: J2S-M-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°	0	0	0	0	0	0	0	0	0	0	0
5°	1	1	1	1	1	1	1	1	1	1	2
7.5°	2	2	2	2	2	3	3	3	3	3	4
10°	3	4	4	4	5	5	6	6	6	6	6
12.5°	5	6	7	7	8	9	10	11	11	11	12
15°	7	9	10	11	12	14	15	16	17	18	18
17.5°	10	13	14	16	18	20	22	23	25	26	27
20°	14	16	19	21	24	27	29	32	34	36	37
22.5°	16	19	23	27	30	35	38	41	45	45	48
25°	19	23	28	33	37	45	48	53	56	55	60
27.5°	22	27	33	39	45	54	58	65	69	70	75
30°	23	30	36	45	52	63	69	81	83	87	92
32.5°	26	33	40	51	60	73	78	94	97	106	111
35°	28	37	43	56	68	83	90	106	111	121	133
37.5°	30	39	47	62	75	92	102	118	124	137	150
40°	32	42	50	68	83	100	115	130	140	154	169
42.5°	34	43	54	74	88	110	125	143	153	172	184
45°	35	44	58	80	95	120	137	156	170	197	196
47.5°	35	45	62	85	100	132	148	170	182	212	206
50°	36	48	65	92	107	140	162	184	203	226	219
52.5°	36	50	67	99	114	149	173	198	223	234	228
55°	37	52	70	106	122	158	181	217	235	244	243
57.5°	38	54	74	112	130	166	192	231	244	257	249
60°	40	56	77	118	137	173	203	246	253	269	255
62.5°	41	57	80	122	145	179	213	259	264	273	265
65°	42	59	81	125	152	185	223	264	273	280	274
67.5°	43	60	84	126	159	190	231	274	273	284	276
70°	43	61	87	128	162	195	238	285	275	289	281
72.5°	44	63	89	130	166	200	246	284	281	296	288
75°	45	64	91	133	170	206	254	287	291	304	296
77.5°	46	65	93	135	173	209	263	292	297	310	302
80°	45	66	95	137	174	211	269	292	297	312	305
82.5°	46	66	96	137	176	214	273	295	296	313	307
85°	46	66	96	139	177	214	277	296	297	314	310
87.5°	46	67	97	140	178	218	280	297	299	318	312
90°	46	67	98	140	179	217	279	298	299	317	312
92.5°	46	67	97	139	178	216	278	296	297	316	310
95°	46	66	97	138	177	215	275	294	296	314	308
97.5°	46	66	96	137	176	213	272	292	295	312	306
100°	46	66	95	137	175	212	270	292	295	312	306
102.5°	46	65	94	135	173	210	265	289	295	310	303
105°	45	64	92	133	170	204	258	285	290	305	297
107.5°	45	63	89	130	167	200	248	280	284	296	288
110°	44	62	87	128	165	195	240	279	277	289	281



TEST NUMBER: P13895

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

CANDELA DISTRIBUTION (continued):

	305°	310°	315°	320°	325°	330°	335°	340°	345°	350°	355°
112.5°	43	60	85	126	161	190	232	275	272	284	274
115°	42	59	82	123	156	184	223	266	271	282	270
117.5°	41	58	80	121	149	178	216	256	265	275	263
120°	40	56	78	118	141	171	206	249	254	267	253
122.5°	39	55	75	112	134	165	196	238	245	262	248
125°	38	53	72	108	126	158	186	223	237	250	242
127.5°	37	51	69	103	118	151	176	204	228	236	227
130°	37	49	66	96	110	142	166	188	212	227	216
132.5°	37	47	63	90	104	136	154	176	195	217	207
135°	36	46	59	84	98	125	140	162	178	201	193
137.5°	34	44	56	77	90	114	128	148	161	182	181
140°	33	44	53	71	85	105	117	137	147	161	170
142.5°	31	42	49	65	79	95	107	124	132	144	153
145°	29	38	46	59	73	85	96	111	118	127	137
147.5°	27	35	43	53	65	77	85	99	103	112	118
150°	25	32	40	48	58	68	75	87	89	96	99
152.5°	24	29	36	42	50	58	64	74	73	79	82
155°	21	25	31	36	42	48	53	60	61	63	67
157.5°	18	21	26	30	35	40	43	47	50	50	53
160°	15	18	21	24	28	31	33	37	39	39	41
162.5°	12	15	17	19	21	24	26	28	30	30	30
165°	9	11	12	13	15	17	18	19	20	21	21
167.5°	6	6	7	8	9	10	11	11	12	12	13
170°	3	3	3	4	4	5	5	5	5	5	5
172.5°	1	1	1	1	1	1	1	1	1	1	2
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: P13895

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

CANDELA DISTRIBUTION (continued):

	360°
0°	0
2.5°	0
5°	2
7.5°	3
10°	7
12.5°	12
15°	18
17.5°	26
20°	35
22.5°	47
25°	60
27.5°	73
30°	88
32.5°	107
35°	128
37.5°	154
40°	171
42.5°	185
45°	202
47.5°	212
50°	224
52.5°	238
55°	249
57.5°	256
60°	266
62.5°	281
65°	290
67.5°	289
70°	292
72.5°	294
75°	298
77.5°	301
80°	302
82.5°	303
85°	305
87.5°	307
90°	308
92.5°	306
95°	303
97.5°	301
100°	300
102.5°	299
105°	296
107.5°	292
110°	291



TEST NUMBER: P13895

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

CANDELA DISTRIBUTION (continued):

	360°
112.5°	287
115°	284
117.5°	279
120°	269
122.5°	258
125°	249
127.5°	239
130°	227
132.5°	216
135°	205
137.5°	189
140°	175
142.5°	160
145°	136
147.5°	112
150°	93
152.5°	78
155°	66
157.5°	53
160°	40
162.5°	30
165°	22
167.5°	12
170°	6
172.5°	1
175°	0
177.5°	0
180°	0

(END OF REPORT)