

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: P303068

Luminaire Tested: **CTW-F-2575-30L830-UNV-STD-6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303068
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-4)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: CTW-F-2575-30L830-UNV-STD-6
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 3000 LUMEN PACKAGE
Light Source: 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

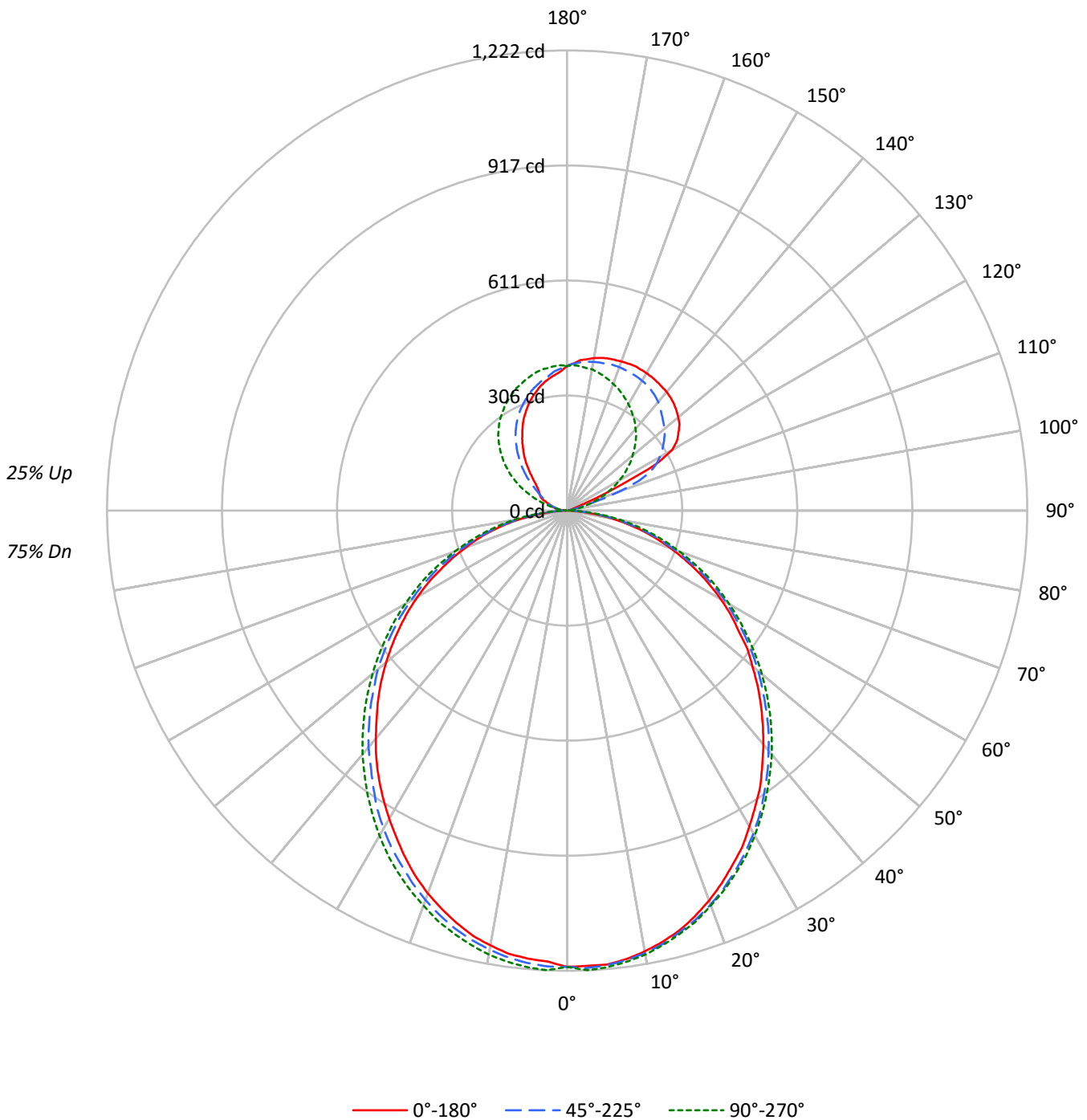
Lumens per Lamp: N/A
Luminaire Lumens: 4315.3 lumens
Efficiency: N/A
Efficacy: 114.8 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32
Luminous Opening: Rectangular (W 6' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 37.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P303068
CATALOG NUMBER: CTW-F-2575-30L830-UNV-STD-6

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	50	30	10	0	
RCR																						
0	113	113	113	113	108	108	108	108	97	97	97	88	88	88	79	79	79	75				75
1	103	99	95	91	98	94	90	87	85	82	80	77	75	73	70	68	67	63				63
2	94	86	80	74	89	82	76	71	75	70	66	68	64	61	61	58	56	52				52
3	86	76	68	62	81	72	65	59	66	60	55	60	55	51	54	50	47	44				44
4	78	67	59	52	74	64	56	50	58	52	47	53	48	44	48	44	41	38				38
5	72	60	51	45	68	57	49	43	52	46	41	48	42	38	43	39	35	33				33
6	66	54	45	39	63	51	44	38	47	41	36	43	38	33	39	35	31	29				29
7	62	49	40	34	58	47	39	33	43	36	31	39	34	30	36	31	28	25				25
8	57	44	36	31	54	43	35	30	39	33	28	36	31	26	33	28	25	23				23
9	53	41	33	27	51	39	32	27	36	30	25	33	28	24	31	26	22	20				20
10	50	37	30	25	48	36	29	24	33	27	23	31	25	22	28	24	20	19				19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	17387	17387	17387
5°	17434	17537	17204
10°	17320	17446	17089
15°	17143	17273	16845
20°	16829	17049	16521
25°	16445	16809	16102
30°	16039	16516	15656
35°	15667	16173	15264
40°	15187	15835	14808
45°	14754	15456	14402
50°	14330	15071	14008
55°	13895	14653	13604
60°	13537	14283	13166
65°	12979	13910	12589
70°	12287	13315	11984
75°	11434	12715	11434
80°	10017	11802	10133
85°	6653	9979	6883



TEST NUMBER: P303068

CATALOG NUMBER: CTW-F-2575-30L830-UNV-STD-6

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.5	2.7
10°-20°	324.1	7.5
20°-30°	479.9	11.1
30°-40°	563.3	13.1
40°-50°	570.7	13.2
50°-60°	509.1	11.8
60°-70°	388.5	9.0
70°-80°	228.4	5.3
80°-90°	60.3	1.4
90°-100°	11.1	0.3
100°-110°	47.5	1.1
110°-120°	132.0	3.1
120°-130°	188.9	4.4
130°-140°	203.6	4.7
140°-150°	193.7	4.5
150°-160°	159.1	3.7
160°-170°	104.4	2.4
170°-180°	36.3	0.8
0°-30°	918.5	21.3
0°-40°	1481.7	34.3
0°-60°	2561.5	59.4
0°-90°	3238.7	75.1
90°-120°	190.6	4.4
90°-150°	776.9	18.0
90°-180°	1077.0	25.0
0°-180°	4315.3	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1212	1212	1212	1212	1212	
5°	1210	1212	1217	1206	1194	115
15°	1154	1158	1162	1150	1134	325
25°	1038	1056	1062	1040	1017	479
35°	894	913	923	897	871	558
45°	727	747	762	738	710	561
55°	555	576	586	568	544	499
65°	382	397	410	391	371	378
75°	206	216	229	215	206	218
85°	40	49	61	48	42	50
90°	1	1	1	3	3	2
95°	3	3	9	14	13	3
105°	13	35	52	36	40	15
115°	136	242	123	65	74	154
125°	361	313	195	107	92	322
135°	401	356	257	173	137	309
145°	417	389	306	239	205	262
155°	424	402	343	294	271	196
165°	418	404	371	338	324	118
175°	401	395	385	372	362	38
180°	384	384	384	384	384	



TEST NUMBER: P303068

CATALOG NUMBER: CTW-F-2575-30L830-UNV-STD-6

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1211.5	1211.5	1211.5	1211.5	1211.5	1211.5	1211.5	1211.5	1211.5	1211.5	1211.5
2.5°	1210.1	1208.7	1208.7	1208.7	1213.0	1213.0	1211.5	1211.5	1213.0	1218.7	1215.9
5°	1210.1	1208.7	1208.7	1205.8	1208.7	1208.7	1207.2	1207.2	1208.7	1214.4	1211.5
7.5°	1201.4	1201.4	1200.0	1198.6	1200.0	1200.0	1200.0	1198.6	1200.0	1207.2	1204.3
10°	1188.5	1188.5	1187.0	1185.6	1187.0	1187.0	1187.0	1187.0	1188.5	1195.7	1192.8
12.5°	1172.6	1172.6	1171.2	1169.7	1172.6	1172.6	1171.2	1171.2	1172.6	1181.2	1178.4
15°	1153.8	1153.8	1153.8	1152.4	1155.3	1153.8	1153.8	1153.8	1153.8	1161.1	1158.2
17.5°	1129.3	1129.3	1129.3	1129.3	1132.2	1132.2	1132.2	1130.8	1132.2	1139.4	1138.0
20°	1101.9	1101.9	1101.9	1101.9	1103.4	1104.8	1103.4	1104.8	1104.8	1113.5	1113.5
22.5°	1071.6	1071.6	1070.2	1070.2	1071.6	1074.5	1073.1	1073.1	1074.5	1083.2	1086.1
25°	1038.5	1038.5	1038.5	1039.9	1041.3	1042.8	1041.3	1044.2	1044.2	1052.9	1055.8
27.5°	1006.7	1003.8	1005.3	1005.3	1006.7	1008.2	1008.2	1011.1	1012.5	1019.7	1024.0
30°	967.8	966.3	967.8	969.2	969.2	972.1	973.6	975.0	976.4	980.8	989.4
32.5°	930.3	930.3	931.7	931.7	933.2	934.6	937.5	938.9	938.9	943.3	953.4
35°	894.2	891.3	891.3	892.8	895.7	897.1	897.1	900.0	900.0	905.8	913.0
37.5°	851.0	851.0	853.8	853.8	853.8	856.7	856.7	859.6	861.1	865.4	874.0
40°	810.6	809.1	812.0	812.0	813.5	814.9	817.8	819.2	822.1	825.0	832.2
42.5°	768.7	768.7	770.2	771.6	773.1	774.5	777.4	778.8	780.3	783.2	791.8
45°	726.9	726.9	728.4	729.8	731.2	731.2	734.1	737.0	739.9	744.2	747.1
47.5°	685.1	685.1	686.5	686.5	688.0	689.4	690.9	693.7	696.6	701.0	703.8
50°	641.8	641.8	644.7	644.7	647.6	646.2	649.0	650.5	654.8	657.7	662.0
52.5°	602.9	598.6	600.0	601.4	604.3	605.8	607.2	607.2	610.1	614.4	618.7
55°	555.3	556.7	558.2	558.2	561.1	561.1	563.9	563.9	566.8	571.2	575.5
57.5°	514.9	514.9	513.5	516.3	517.8	517.8	519.2	519.2	523.6	526.4	529.3
60°	471.6	468.7	470.2	471.6	473.1	471.6	476.0	476.0	478.8	481.7	487.5
62.5°	426.9	426.9	425.5	426.9	428.4	428.4	431.2	431.2	435.6	435.6	441.3
65°	382.2	380.8	380.8	382.2	385.1	385.1	386.5	388.0	389.4	390.9	396.6
67.5°	336.1	336.1	334.6	337.5	337.5	337.5	340.4	340.4	341.8	343.3	347.6
70°	292.8	291.3	291.3	294.2	292.8	294.2	297.1	297.1	300.0	300.0	302.9
72.5°	249.5	248.1	248.1	246.6	252.4	251.0	252.4	253.8	253.8	255.3	259.6
75°	206.2	206.2	204.8	204.8	206.2	207.7	209.1	210.6	212.0	212.0	216.3
77.5°	163.0	163.0	161.5	165.9	165.9	165.9	167.3	167.3	170.2	170.2	173.1
80°	121.2	119.7	119.7	121.2	124.0	124.0	124.0	125.5	126.9	129.8	131.2
82.5°	79.3	79.3	79.3	80.8	82.2	83.7	83.7	83.7	85.1	88.0	89.4
85°	40.4	40.4	40.4	40.4	43.3	43.3	43.3	44.7	47.6	47.6	49.0
87.5°	7.2	7.2	7.2	7.2	8.7	8.7	8.7	8.7	8.7	11.5	13.0
90°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
92.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
95°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
97.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	5.8	5.8	5.8
100°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	8.7	10.1
102.5°	8.7	8.7	8.7	8.7	10.1	10.1	10.1	11.5	11.5	14.4	17.3
105°	13.0	13.0	13.0	13.0	13.0	14.4	14.4	15.9	18.7	24.5	34.6
107.5°	17.3	17.3	17.3	18.7	20.2	21.6	23.1	28.8	37.5	53.4	76.4
110°	26.0	27.4	28.8	31.7	37.5	40.4	44.7	60.6	85.1	118.3	145.7



TEST NUMBER: P303068

CATALOG NUMBER: CTW-F-2575-30L830-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	53.4	56.2	62.0	70.7	89.4	99.5	112.5	145.7	174.5	199.0	206.2
115°	135.6	148.6	155.8	168.7	196.2	206.2	217.8	233.7	246.6	249.5	242.3
117.5°	265.4	265.4	265.4	274.0	281.2	284.1	285.6	285.6	281.2	276.9	266.8
120°	321.6	321.6	320.2	320.2	318.7	317.3	314.4	310.1	302.9	295.7	284.1
122.5°	346.2	346.2	343.3	340.4	337.5	334.6	331.7	327.4	318.7	311.5	300.0
125°	360.6	360.6	357.7	354.8	351.9	349.0	346.2	340.4	333.2	324.5	313.0
127.5°	376.4	375.0	372.1	367.8	363.5	360.6	357.7	351.9	344.7	336.1	326.0
130°	385.1	385.1	382.2	379.3	376.4	373.6	370.7	362.0	353.4	346.2	337.5
132.5°	393.7	392.3	390.9	388.0	383.7	382.2	379.3	373.6	363.5	354.8	346.2
135°	401.0	399.5	398.1	395.2	392.3	389.4	388.0	382.2	375.0	363.5	356.2
137.5°	406.7	405.3	403.8	402.4	398.1	396.6	393.7	389.4	382.2	375.0	366.3
140°	411.1	408.2	408.2	406.7	402.4	401.0	399.5	393.7	388.0	382.2	376.4
142.5°	413.9	412.5	412.5	411.1	406.7	406.7	403.8	399.5	393.7	389.4	383.7
145°	416.8	415.4	415.4	413.9	411.1	411.1	408.2	403.8	398.1	393.7	389.4
147.5°	419.7	418.3	418.3	416.8	415.4	413.9	412.5	408.2	402.4	398.1	395.2
150°	421.2	421.2	419.7	418.3	416.8	415.4	413.9	409.6	405.3	402.4	398.1
152.5°	422.6	422.6	421.2	421.2	418.3	418.3	415.4	412.5	408.2	405.3	401.0
155°	424.0	424.0	422.6	421.2	419.7	418.3	416.8	412.5	408.2	406.7	402.4
157.5°	422.6	422.6	422.6	421.2	419.7	418.3	415.4	412.5	409.6	408.2	403.8
160°	421.2	422.6	421.2	419.7	418.3	418.3	416.8	412.5	409.6	409.6	405.3
162.5°	419.7	421.2	419.7	419.7	418.3	416.8	415.4	412.5	409.6	408.2	405.3
165°	418.3	418.3	418.3	416.8	415.4	413.9	413.9	409.6	408.2	408.2	403.8
167.5°	415.4	415.4	413.9	412.5	411.1	411.1	409.6	406.7	406.7	406.7	402.4
170°	411.1	411.1	409.6	408.2	408.2	406.7	406.7	403.8	403.8	403.8	401.0
172.5°	405.3	405.3	405.3	403.8	403.8	402.4	402.4	399.5	399.5	401.0	398.1
175°	401.0	399.5	399.5	398.1	398.1	398.1	396.6	395.2	396.6	396.6	395.2
177.5°	390.9	390.9	390.9	390.9	392.3	392.3	392.3	390.9	390.9	392.3	390.9
180°	383.7	383.7	383.7	383.7	383.7	383.7	383.7	383.7	383.7	383.7	383.7



TEST NUMBER: P303068

CATALOG NUMBER: CTW-F-2575-30L830-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1211.5	1211.5	1211.5	1211.5	1211.5	1211.5	1211.5	1211.5	1211.5	1211.5	1211.5
2.5°	1207.2	1204.3	1204.3	1208.7	1210.1	1211.5	1213.0	1218.7	1220.2	1221.6	1220.2
5°	1204.3	1201.4	1200.0	1204.3	1205.8	1207.2	1208.7	1213.0	1215.9	1217.3	1214.4
7.5°	1195.7	1192.8	1192.8	1197.1	1197.1	1200.0	1200.0	1205.8	1207.2	1208.7	1207.2
10°	1185.6	1182.7	1181.2	1185.6	1187.0	1188.5	1188.5	1192.8	1195.7	1197.1	1194.2
12.5°	1169.7	1166.8	1165.4	1169.7	1171.2	1172.6	1174.0	1178.4	1179.8	1181.2	1179.8
15°	1152.4	1148.1	1146.6	1152.4	1153.8	1155.3	1155.3	1159.6	1161.1	1162.5	1161.1
17.5°	1130.8	1126.4	1126.4	1129.3	1133.7	1133.7	1133.7	1138.0	1140.9	1142.3	1139.4
20°	1107.7	1103.4	1101.9	1106.2	1107.7	1110.6	1110.6	1113.5	1116.3	1116.3	1116.3
22.5°	1080.3	1076.0	1074.5	1078.8	1080.3	1081.7	1083.2	1086.1	1088.9	1090.4	1087.5
25°	1051.4	1047.1	1045.7	1050.0	1051.4	1052.9	1054.3	1060.1	1060.1	1061.5	1058.7
27.5°	1018.3	1015.4	1012.5	1016.8	1021.2	1022.6	1022.6	1026.9	1028.4	1031.2	1026.9
30°	985.1	980.8	979.3	982.2	986.5	988.0	988.0	993.7	995.2	996.6	992.3
32.5°	950.5	946.2	944.7	947.6	951.9	953.4	953.4	957.7	959.1	960.6	957.7
35°	913.0	910.1	907.2	910.1	913.0	915.9	915.9	920.2	921.6	923.1	920.2
37.5°	876.9	872.6	869.7	871.2	874.0	878.4	878.4	884.1	884.1	884.1	881.2
40°	838.0	832.2	830.8	830.8	835.1	838.0	838.0	843.7	843.7	845.2	840.9
42.5°	797.6	793.3	791.8	790.4	794.7	796.2	797.6	803.4	801.9	803.4	799.0
45°	755.8	751.4	751.4	751.4	752.9	755.8	757.2	760.1	761.5	761.5	758.7
47.5°	711.1	709.6	709.6	709.6	712.5	712.5	713.9	716.8	716.8	718.3	715.4
50°	667.8	667.8	666.3	667.8	669.2	669.2	672.1	675.0	675.0	675.0	672.1
52.5°	621.6	623.1	623.1	624.5	626.0	626.0	630.3	633.2	633.2	630.3	627.4
55°	576.9	579.8	579.8	582.7	582.7	584.1	584.1	587.0	587.0	585.6	582.7
57.5°	533.7	535.1	535.1	538.0	539.4	539.4	542.3	545.2	545.2	542.3	539.4
60°	488.9	491.8	490.4	493.3	496.2	496.2	496.2	500.5	497.6	497.6	496.2
62.5°	444.2	444.2	445.7	448.6	450.0	450.0	452.9	455.8	455.8	452.9	451.4
65°	399.5	401.0	401.0	403.8	405.3	406.7	406.7	409.6	408.2	409.6	406.7
67.5°	351.9	353.4	353.4	354.8	357.7	357.7	360.6	362.0	363.5	362.0	360.6
70°	305.8	305.8	310.1	310.1	313.0	313.0	317.3	317.3	320.2	317.3	315.9
72.5°	261.1	262.5	266.8	265.4	268.3	268.3	272.6	274.0	275.5	272.6	274.0
75°	217.8	217.8	222.1	222.1	225.0	225.0	229.3	229.3	230.8	229.3	227.9
77.5°	174.5	174.5	177.4	178.8	180.3	181.7	184.6	184.6	187.5	186.1	187.5
80°	132.7	134.1	135.6	138.5	138.5	139.9	139.9	142.8	144.2	142.8	144.2
82.5°	90.9	93.7	95.2	95.2	96.6	99.5	101.0	101.0	102.4	101.0	103.8
85°	50.5	51.9	54.8	57.7	57.7	59.1	60.6	62.0	62.0	60.6	60.6
87.5°	14.4	15.9	20.2	20.2	20.2	23.1	24.5	24.5	26.0	24.5	27.4
90°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
92.5°	1.4	1.4	1.4	2.9	2.9	2.9	4.3	4.3	4.3	2.9	4.3
95°	4.3	4.3	5.8	8.7	10.1	11.5	13.0	13.0	10.1	8.7	8.7
97.5°	7.2	8.7	13.0	18.7	21.6	24.5	26.0	23.1	18.7	15.9	14.4
100°	13.0	18.7	27.4	37.5	40.4	43.3	41.8	37.5	31.7	26.0	23.1
102.5°	26.0	37.5	53.4	66.3	66.3	66.3	62.0	54.8	46.2	37.5	33.2
105°	54.8	75.0	92.3	98.1	95.2	93.7	83.7	73.6	62.0	51.9	46.2
107.5°	109.6	126.9	131.2	128.4	122.6	118.3	105.3	93.7	79.3	67.8	60.6
110°	167.3	168.7	164.4	154.3	147.1	141.3	126.9	113.9	99.5	86.5	75.0



TEST NUMBER: P303068

CATALOG NUMBER: CTW-F-2575-30L830-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	207.7	200.5	190.4	177.4	168.7	163.0	148.6	134.1	118.3	105.3	92.3
115°	235.1	223.6	212.0	196.2	190.4	183.2	168.7	154.3	138.5	122.6	111.1
117.5°	255.3	242.3	230.8	216.3	209.1	201.9	187.5	171.6	155.8	142.8	129.8
120°	272.6	261.1	248.1	233.7	227.9	220.7	206.2	190.4	174.5	160.1	147.1
122.5°	288.5	276.9	263.9	251.0	243.7	238.0	223.6	207.7	191.8	178.8	165.9
125°	302.9	291.3	279.8	265.4	259.6	252.4	238.0	222.1	209.1	194.7	181.7
127.5°	315.9	304.3	292.8	279.8	274.0	266.8	252.4	238.0	225.0	212.0	199.0
130°	328.8	317.3	305.8	292.8	285.6	279.8	266.8	252.4	239.4	226.4	214.9
132.5°	338.9	328.8	315.9	304.3	297.1	291.3	279.8	266.8	255.3	242.3	230.8
135°	349.0	337.5	327.4	314.4	308.7	302.9	291.3	279.8	268.3	256.7	245.2
137.5°	357.7	346.2	336.1	323.1	318.7	314.4	302.9	291.3	281.2	271.2	259.6
140°	366.3	354.8	343.3	331.7	327.4	323.1	313.0	302.9	292.8	282.7	274.0
142.5°	375.0	360.6	349.0	338.9	336.1	331.7	321.6	313.0	304.3	295.7	285.6
145°	380.8	367.8	354.8	347.6	343.3	338.9	330.3	321.6	314.4	305.8	297.1
147.5°	386.5	375.0	363.5	353.4	350.5	346.2	338.9	331.7	324.5	315.9	307.2
150°	389.4	379.3	369.2	362.0	357.7	353.4	346.2	338.9	333.2	326.0	317.3
152.5°	393.7	383.7	376.4	367.8	366.3	360.6	353.4	349.0	341.8	334.6	327.4
155°	395.2	386.5	380.8	375.0	373.6	367.8	360.6	354.8	349.0	343.3	336.1
157.5°	396.6	389.4	382.2	379.3	376.4	375.0	367.8	362.0	356.2	351.9	344.7
160°	398.1	390.9	385.1	382.2	380.8	377.9	373.6	370.7	362.0	357.7	350.5
162.5°	398.1	392.3	388.0	385.1	383.7	382.2	377.9	375.0	370.7	364.9	357.7
165°	398.1	393.7	389.4	388.0	386.5	385.1	380.8	379.3	375.0	370.7	364.9
167.5°	398.1	393.7	390.9	389.4	388.0	386.5	383.7	382.2	379.3	376.4	372.1
170°	396.6	393.7	390.9	389.4	389.4	388.0	385.1	385.1	382.2	380.8	376.4
172.5°	393.7	392.3	389.4	389.4	389.4	388.0	385.1	385.1	383.7	382.2	379.3
175°	390.9	389.4	388.0	388.0	388.0	386.5	385.1	386.5	385.1	385.1	382.2
177.5°	386.5	385.1	385.1	385.1	385.1	385.1	385.1	385.1	385.1	386.5	383.7
180°	383.7	383.7	383.7	383.7	383.7	383.7	383.7	383.7	383.7	383.7	383.7



TEST NUMBER: P303068

CATALOG NUMBER: CTW-F-2575-30L830-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1211.5	1211.5	1211.5	1211.5	1211.5	1211.5	1211.5	1211.5	1211.5	1211.5	1211.5
2.5°	1211.5	1205.8	1205.8	1205.8	1208.7	1210.1	1210.1	1205.8	1211.5	1215.9	1211.5
5°	1205.8	1200.0	1200.0	1201.4	1202.9	1204.3	1204.3	1200.0	1205.8	1210.1	1204.3
7.5°	1198.6	1191.3	1191.3	1192.8	1194.2	1195.7	1195.7	1191.3	1197.1	1200.0	1194.2
10°	1185.6	1179.8	1178.4	1179.8	1182.7	1184.1	1182.7	1178.4	1184.1	1187.0	1182.7
12.5°	1169.7	1163.9	1163.9	1163.9	1166.8	1166.8	1166.8	1161.1	1168.3	1169.7	1163.9
15°	1151.0	1145.2	1145.2	1145.2	1146.6	1148.1	1146.6	1142.3	1149.5	1149.5	1143.7
17.5°	1129.3	1125.0	1122.1	1125.0	1125.0	1126.4	1123.6	1119.2	1126.4	1126.4	1122.1
20°	1106.2	1100.5	1099.0	1099.0	1100.5	1101.9	1097.6	1094.7	1100.5	1100.5	1094.7
22.5°	1077.4	1073.1	1071.6	1071.6	1073.1	1073.1	1068.7	1065.9	1071.6	1070.2	1064.4
25°	1048.6	1044.2	1042.8	1044.2	1044.2	1044.2	1038.5	1037.0	1039.9	1038.5	1032.7
27.5°	1016.8	1012.5	1011.1	1012.5	1012.5	1012.5	1006.7	1005.3	1009.6	1005.3	999.5
30°	982.2	977.9	976.4	977.9	979.3	976.4	970.7	972.1	975.0	969.2	964.9
32.5°	950.5	943.3	941.8	943.3	944.7	943.3	937.5	936.1	938.9	933.2	927.4
35°	911.5	905.8	907.2	908.7	907.2	905.8	898.6	900.0	897.1	894.2	888.5
37.5°	874.0	868.3	868.3	869.7	869.7	866.8	861.1	861.1	856.7	855.3	849.5
40°	835.1	829.3	829.3	830.8	830.8	826.4	822.1	823.6	820.7	814.9	809.1
42.5°	791.8	788.9	790.4	790.4	791.8	786.1	783.2	783.2	778.8	773.1	768.7
45°	751.4	747.1	750.0	751.4	751.4	745.7	744.2	739.9	738.5	734.1	728.4
47.5°	708.2	706.7	709.6	709.6	709.6	703.8	702.4	698.1	695.2	692.3	686.5
50°	666.3	664.9	667.8	667.8	667.8	660.6	662.0	654.8	656.2	649.0	644.7
52.5°	624.5	624.5	624.5	624.5	623.1	618.7	617.3	613.0	611.5	605.8	602.9
55°	579.8	579.8	582.7	581.2	579.8	576.9	574.0	568.3	568.3	562.5	558.2
57.5°	539.4	539.4	539.4	536.5	536.5	533.7	529.3	526.4	525.0	519.2	516.3
60°	494.7	496.2	493.3	491.8	491.8	488.9	486.1	484.6	480.3	474.5	473.1
62.5°	451.4	452.9	451.4	448.6	447.1	444.2	442.8	439.9	435.6	429.8	429.8
65°	405.3	406.7	406.7	402.4	402.4	401.0	399.5	395.2	390.9	386.5	385.1
67.5°	360.6	362.0	356.2	354.8	354.8	354.8	349.0	349.0	344.7	340.4	341.8
70°	317.3	315.9	314.4	310.1	311.5	308.7	305.8	304.3	300.0	297.1	297.1
72.5°	274.0	271.2	269.7	268.3	266.8	265.4	262.5	261.1	258.2	253.8	253.8
75°	230.8	227.9	226.4	225.0	223.6	222.1	217.8	217.8	214.9	212.0	212.0
77.5°	186.1	183.2	183.2	181.7	180.3	177.4	174.5	176.0	173.1	170.2	170.2
80°	142.8	141.3	141.3	139.9	137.0	135.6	135.6	134.1	131.2	126.9	126.9
82.5°	101.0	101.0	99.5	98.1	96.6	95.2	93.7	92.3	89.4	85.1	85.1
85°	62.0	60.6	60.6	59.1	57.7	54.8	51.9	50.5	47.6	44.7	44.7
87.5°	26.0	23.1	21.6	20.2	18.7	17.3	17.3	14.4	13.0	13.0	10.1
90°	1.4	1.4	1.4	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
92.5°	5.8	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
95°	8.7	10.1	13.0	13.0	14.4	14.4	14.4	14.4	14.4	14.4	14.4
97.5°	13.0	14.4	15.9	17.3	17.3	20.2	20.2	21.6	21.6	21.6	21.6
100°	20.2	20.2	21.6	23.1	21.6	23.1	24.5	26.0	27.4	27.4	28.8
102.5°	30.3	27.4	26.0	27.4	28.8	30.3	28.8	30.3	30.3	31.7	33.2
105°	40.4	37.5	34.6	34.6	34.6	36.1	37.5	37.5	36.1	36.1	37.5
107.5°	53.4	47.6	43.3	43.3	41.8	41.8	43.3	46.2	46.2	44.7	44.7
110°	67.8	60.6	54.8	53.4	51.9	50.5	50.5	51.9	53.4	54.8	56.2



TEST NUMBER: P303068

CATALOG NUMBER: CTW-F-2575-30L830-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	83.7	75.0	67.8	64.9	63.5	59.1	57.7	57.7	59.1	62.0	63.5
115°	101.0	92.3	82.2	79.3	76.4	69.2	67.8	66.3	64.9	66.3	67.8
117.5°	118.3	108.2	98.1	93.7	89.4	82.2	77.9	75.0	73.6	73.6	73.6
120°	135.6	125.5	113.9	109.6	105.3	98.1	90.9	85.1	82.2	80.8	80.8
122.5°	152.9	142.8	132.7	126.9	122.6	112.5	106.7	98.1	93.7	89.4	88.0
125°	170.2	160.1	150.0	144.2	139.9	129.8	121.2	113.9	106.7	101.0	98.1
127.5°	186.1	176.0	167.3	161.5	157.2	145.7	138.5	131.2	122.6	115.4	111.1
130°	203.4	191.8	183.2	178.8	174.5	163.0	154.3	145.7	139.9	132.7	125.5
132.5°	219.2	209.1	199.0	194.7	190.4	180.3	173.1	163.0	155.8	150.0	142.8
135°	233.7	223.6	214.9	210.6	206.2	196.2	188.9	180.3	173.1	165.9	160.1
137.5°	248.1	238.0	229.3	226.4	222.1	212.0	204.8	197.6	188.9	183.2	176.0
140°	261.1	252.4	243.7	240.9	236.5	227.9	220.7	213.5	206.2	199.0	193.3
142.5°	274.0	265.4	256.7	253.8	249.5	242.3	235.1	229.3	222.1	216.3	210.6
145°	285.6	276.9	269.7	266.8	262.5	256.7	248.1	243.7	239.4	232.2	226.4
147.5°	297.1	288.5	281.2	278.4	276.9	269.7	262.5	258.2	253.8	248.1	242.3
150°	307.2	300.0	292.8	291.3	288.5	282.7	275.5	271.2	268.3	262.5	258.2
152.5°	318.7	310.1	304.3	302.9	300.0	294.2	288.5	284.1	281.2	275.5	271.2
155°	327.4	320.2	314.4	313.0	310.1	305.8	300.0	295.7	294.2	288.5	284.1
157.5°	336.1	328.8	324.5	321.6	320.2	317.3	311.5	307.2	305.8	301.4	297.1
160°	343.3	337.5	333.2	331.7	330.3	326.0	321.6	317.3	317.3	314.4	310.1
162.5°	350.5	344.7	341.8	340.4	338.9	336.1	331.7	328.8	328.8	324.5	321.6
165°	357.7	351.9	349.0	347.6	347.6	344.7	341.8	337.5	337.5	336.1	333.2
167.5°	364.9	357.7	356.2	354.8	354.8	353.4	350.5	347.6	346.2	346.2	341.8
170°	370.7	364.9	362.0	360.6	360.6	359.1	356.2	354.8	354.8	354.8	351.9
172.5°	375.0	370.7	369.2	369.2	369.2	367.8	366.3	362.0	362.0	364.9	359.1
175°	377.9	375.0	375.0	375.0	375.0	373.6	372.1	370.7	372.1	373.6	370.7
177.5°	380.8	377.9	377.9	377.9	379.3	379.3	377.9	376.4	377.9	379.3	377.9
180°	383.7	383.7	383.7	383.7	383.7	383.7	383.7	383.7	383.7	383.7	383.7



TEST NUMBER: P303068

CATALOG NUMBER: CTW-F-2575-30L830-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	1211.5	1211.5	1211.5	1211.5	1211.5	1211.5	1211.5	1211.5
2.5°	1211.5	1210.1	1208.7	1208.7	1210.1	1204.3	1198.6	1198.6
5°	1204.3	1202.9	1201.4	1201.4	1202.9	1198.6	1194.2	1194.2
7.5°	1194.2	1192.8	1191.3	1192.8	1195.7	1191.3	1187.0	1187.0
10°	1181.2	1178.4	1176.9	1176.9	1179.8	1175.5	1172.6	1172.6
12.5°	1162.5	1161.1	1158.2	1159.6	1161.1	1158.2	1153.8	1156.7
15°	1142.3	1140.9	1139.4	1140.9	1142.3	1138.0	1133.7	1133.7
17.5°	1120.7	1119.2	1116.3	1119.2	1119.2	1113.5	1109.1	1109.1
20°	1093.3	1090.4	1088.9	1090.4	1090.4	1084.6	1081.7	1081.7
22.5°	1061.5	1058.7	1057.2	1058.7	1057.2	1052.9	1050.0	1051.4
25°	1028.4	1025.5	1025.5	1025.5	1025.5	1019.7	1016.8	1016.8
27.5°	995.2	992.3	990.9	992.3	990.9	985.1	980.8	980.8
30°	960.6	954.8	954.8	956.2	954.8	949.0	944.7	944.7
32.5°	923.1	918.7	920.2	920.2	917.3	911.5	908.7	908.7
35°	884.1	881.2	882.7	881.2	878.4	874.0	871.2	871.2
37.5°	843.7	842.3	842.3	843.7	838.0	833.7	832.2	832.2
40°	803.4	801.9	801.9	803.4	797.6	793.3	793.3	790.4
42.5°	763.0	761.5	763.0	761.5	757.2	752.9	751.4	748.6
45°	722.6	722.6	721.2	721.2	715.4	712.5	712.5	709.6
47.5°	680.8	680.8	679.3	676.4	673.6	672.1	669.2	669.2
50°	640.4	638.9	637.5	637.5	633.2	630.3	630.3	627.4
52.5°	597.1	597.1	597.1	594.2	589.9	587.0	588.5	585.6
55°	555.3	553.8	553.8	552.4	549.5	545.2	546.6	543.7
57.5°	514.9	512.0	509.1	509.1	506.2	501.9	501.9	501.9
60°	468.7	468.7	467.3	465.9	464.4	460.1	461.5	458.7
62.5°	428.4	424.0	424.0	422.6	421.2	416.8	419.7	416.8
65°	383.7	380.8	379.3	377.9	375.0	372.1	373.6	370.7
67.5°	336.1	334.6	334.6	333.2	331.7	328.8	331.7	328.8
70°	294.2	291.3	291.3	289.9	288.5	287.0	288.5	285.6
72.5°	251.0	251.0	249.5	248.1	246.6	246.6	246.6	248.1
75°	209.1	206.2	206.2	206.2	204.8	204.8	204.8	206.2
77.5°	168.7	165.9	164.4	163.0	163.0	163.0	163.0	164.4
80°	124.0	124.0	122.6	121.2	121.2	121.2	121.2	122.6
82.5°	82.2	82.2	80.8	79.3	79.3	79.3	77.9	79.3
85°	44.7	43.3	41.8	41.8	41.8	41.8	41.8	41.8
87.5°	11.5	10.1	10.1	10.1	11.5	11.5	10.1	11.5
90°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
92.5°	7.2	7.2	7.2	7.2	7.2	5.8	5.8	5.8
95°	14.4	14.4	14.4	13.0	13.0	13.0	13.0	13.0
97.5°	21.6	21.6	21.6	21.6	21.6	20.2	20.2	20.2
100°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
102.5°	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
105°	37.5	38.9	38.9	38.9	40.4	40.4	40.4	40.4
107.5°	44.7	44.7	44.7	44.7	44.7	44.7	46.2	44.7
110°	54.8	53.4	53.4	51.9	51.9	51.9	51.9	51.9



TEST NUMBER: P303068

CATALOG NUMBER: CTW-F-2575-30L830-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	63.5	64.9	64.9	64.9	64.9	63.5	62.0	62.0
115°	70.7	72.1	72.1	72.1	72.1	73.6	73.6	73.6
117.5°	75.0	76.4	77.9	77.9	79.3	79.3	79.3	79.3
120°	80.8	82.2	82.2	82.2	83.7	83.7	83.7	83.7
122.5°	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
125°	96.6	95.2	95.2	93.7	93.7	93.7	92.3	92.3
127.5°	106.7	105.3	103.8	102.4	101.0	101.0	99.5	99.5
130°	121.2	118.3	115.4	115.4	112.5	109.6	109.6	108.2
132.5°	137.0	132.7	131.2	129.8	125.5	122.6	122.6	121.2
135°	154.3	150.0	148.6	147.1	141.3	138.5	138.5	137.0
137.5°	171.6	167.3	165.9	164.4	160.1	157.2	155.8	154.3
140°	187.5	183.2	181.7	180.3	177.4	174.5	173.1	171.6
142.5°	203.4	200.5	199.0	197.6	193.3	190.4	188.9	188.9
145°	220.7	216.3	216.3	213.5	210.6	207.7	206.2	204.8
147.5°	238.0	233.7	232.2	230.8	227.9	223.6	222.1	222.1
150°	252.4	249.5	248.1	246.6	243.7	240.9	239.4	238.0
152.5°	266.8	263.9	263.9	262.5	259.6	256.7	255.3	255.3
155°	281.2	276.9	276.9	276.9	274.0	272.6	271.2	271.2
157.5°	294.2	291.3	289.9	289.9	288.5	287.0	284.1	285.6
160°	307.2	305.8	302.9	302.9	302.9	300.0	298.6	300.0
162.5°	320.2	318.7	317.3	317.3	315.9	314.4	313.0	313.0
165°	330.3	328.8	327.4	327.4	328.8	327.4	326.0	324.5
167.5°	340.4	338.9	337.5	337.5	338.9	337.5	336.1	336.1
170°	350.5	349.0	347.6	347.6	347.6	347.6	346.2	346.2
172.5°	359.1	357.7	357.7	356.2	357.7	356.2	354.8	354.8
175°	370.7	369.2	369.2	367.8	369.2	364.9	360.6	362.0
177.5°	377.9	377.9	376.4	376.4	376.4	373.6	370.7	370.7
180°	383.7	383.7	383.7	383.7	383.7	383.7	383.7	383.7

(END OF REPORT)