

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: P303080

Luminaire Tested: **CTW-F-2575-40L830-UNV-STD-4**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P303080  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: CTW-F-2575-40L830-UNV-STD-4  
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE  
25% UPLIGHT, 75% DOWNLIGHT, 4000 LUMEN PACKAGE  
Light Source: 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

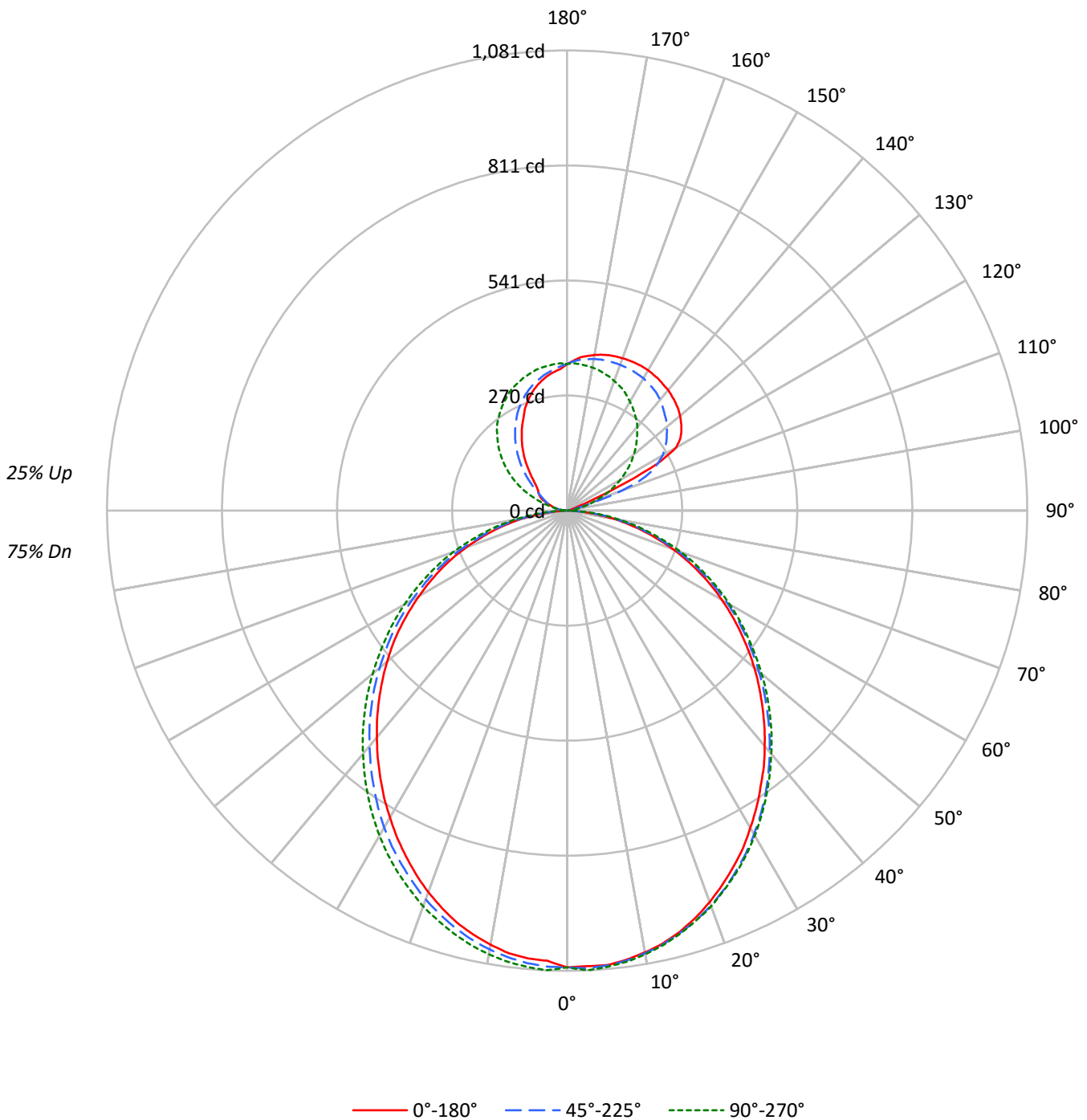
Lumens per Lamp: N/A  
Luminaire Lumens: 3839.4 lumens  
Efficiency: N/A  
Efficacy: 110.3 lumens/watt  
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32  
Luminous Opening: Rectangular (W 4' x L: 0.12' x H: 0')  
CIE Type: Semi-Direct

Input Watts (W): 34.8  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): 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	113	113	113	113	107	107	107	107	97	97	97	88	88	88	79	79	79	75
1	103	99	94	91	98	94	90	87	85	82	80	77	75	73	69	68	66	63
2	94	86	79	74	89	82	76	71	74	70	66	67	64	61	61	58	56	52
3	86	76	68	62	81	72	65	59	66	60	55	59	55	51	54	50	47	44
4	78	67	58	52	74	64	56	50	58	52	47	53	48	44	48	44	41	38
5	72	60	51	45	68	57	49	43	52	46	41	48	42	38	43	39	35	33
6	66	54	45	39	63	51	44	38	47	40	36	43	38	33	39	35	31	29
7	61	49	40	34	58	47	39	33	43	36	31	39	34	29	36	31	28	25
8	57	44	36	30	54	42	35	30	39	33	28	36	30	26	33	28	25	23
9	53	40	33	27	51	39	32	27	36	30	25	33	28	24	30	26	22	20
10	50	37	30	25	47	36	29	24	33	27	23	31	25	22	28	24	20	18

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°
0°	23102	23102	23102
5°	23168	23252	22816
10°	23036	23143	22638
15°	22822	22929	22330
20°	22424	22667	21851
25°	21948	22314	21288
30°	21393	21917	20699
35°	20822	21453	20115
40°	20293	20970	19537
45°	19731	20492	18998
50°	19224	19968	18484
55°	18657	19453	17937
60°	18092	19000	17304
65°	17436	18465	16703
70°	16642	17914	15855
75°	15438	16877	14639
80°	13588	15732	12868
85°	9263	13536	7830



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	101.3	2.6
10°-20°	286.9	7.5
20°-30°	425.0	11.1
30°-40°	498.6	13.0
40°-50°	505.3	13.2
50°-60°	450.4	11.7
60°-70°	345.0	9.0
70°-80°	202.4	5.3
80°-90°	53.2	1.4
90°-100°	9.9	0.3
100°-110°	42.9	1.1
110°-120°	119.4	3.1
120°-130°	170.4	4.4
130°-140°	183.3	4.8
140°-150°	174.6	4.5
150°-160°	143.8	3.7
160°-170°	94.4	2.5
170°-180°	32.7	0.9
0°-30°	813.2	21.2
0°-40°	1311.8	34.2
0°-60°	2267.5	59.1
0°-90°	2868.1	74.7
90°-120°	172.2	4.5
90°-150°	700.5	18.2
90°-180°	971.0	25.3
0°-180°	3839.4	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	1073	1073	1073	1073	1073	
5°	1072	1073	1076	1067	1056	102
15°	1024	1027	1029	1015	1002	288
25°	924	936	939	918	896	425
35°	792	812	816	792	765	496
45°	648	664	673	650	624	501
55°	497	512	518	500	478	445
65°	342	354	362	343	328	339
75°	186	195	203	188	176	196
85°	38	46	55	39	32	46
90°	1	1	1	2	3	2
95°	3	3	8	12	11	3
105°	12	31	46	34	36	13
115°	134	219	112	60	66	143
125°	328	285	175	96	84	292
135°	360	323	231	154	122	278
145°	376	351	277	214	184	236
155°	382	362	312	266	242	177
165°	378	364	334	307	296	107
175°	362	356	345	335	328	35
180°	344	344	344	344	344	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1
2.5°	1071.2	1070.2	1071.2	1070.2	1073.1	1073.1	1073.1	1072.1	1074.0	1077.9	1076.0
5°	1072.1	1071.2	1070.2	1067.3	1069.2	1069.2	1069.2	1068.3	1070.2	1075.0	1073.1
7.5°	1064.4	1064.4	1063.5	1061.5	1063.5	1063.5	1062.5	1061.5	1063.5	1067.3	1066.3
10°	1053.8	1052.9	1051.9	1050.0	1052.9	1052.9	1052.9	1051.9	1053.8	1058.7	1055.8
12.5°	1041.3	1039.4	1038.5	1036.5	1039.4	1039.4	1039.4	1038.5	1040.4	1045.2	1043.3
15°	1024.0	1023.1	1023.1	1022.1	1025.0	1025.0	1025.0	1023.1	1025.0	1028.8	1026.9
17.5°	1002.9	1001.9	1003.8	1002.9	1004.8	1004.8	1004.8	1002.9	1003.8	1009.6	1008.7
20°	978.8	977.9	977.9	976.9	979.8	979.8	980.8	978.8	981.7	987.5	987.5
22.5°	951.9	951.9	952.9	951.9	953.8	954.8	953.8	952.9	955.8	961.5	963.5
25°	924.0	923.1	923.1	925.0	926.0	926.9	926.9	926.0	927.9	933.7	936.5
27.5°	894.2	892.3	894.2	894.2	896.2	897.1	898.1	898.1	900.0	903.8	908.7
30°	860.6	860.6	861.5	862.5	862.5	865.4	866.3	866.3	868.3	873.1	877.9
32.5°	827.9	826.9	828.8	829.8	830.8	832.7	832.7	833.7	834.6	839.4	846.2
35°	792.3	793.3	793.3	795.2	797.1	798.1	799.0	798.1	801.0	803.8	812.5
37.5°	758.7	757.7	757.7	758.7	761.5	762.5	763.5	763.5	765.4	769.2	776.9
40°	722.1	721.2	723.1	724.0	725.0	726.9	726.9	728.8	731.7	734.6	740.4
42.5°	685.6	684.6	686.5	687.5	689.4	690.4	690.4	692.3	695.2	699.0	702.9
45°	648.1	647.1	649.0	650.0	651.9	652.9	652.9	655.8	658.7	660.6	664.4
47.5°	611.5	610.6	611.5	613.5	615.4	616.3	616.3	618.3	620.2	624.0	626.9
50°	574.0	572.1	574.0	575.0	576.9	576.0	577.9	579.8	583.7	587.5	587.5
52.5°	535.6	533.7	535.6	536.5	538.5	539.4	539.4	540.4	545.2	548.1	550.0
55°	497.1	496.2	497.1	498.1	500.0	501.9	501.0	503.8	505.8	509.6	511.5
57.5°	458.7	457.7	458.7	459.6	461.5	462.5	462.5	465.4	466.3	469.2	474.0
60°	420.2	418.3	420.2	421.2	423.1	423.1	424.0	425.0	427.9	431.7	433.7
62.5°	381.7	381.7	381.7	381.7	383.7	383.7	386.5	387.5	387.5	391.3	394.2
65°	342.3	342.3	342.3	342.3	344.2	346.2	345.2	348.1	349.0	351.9	353.8
67.5°	303.8	302.9	303.8	303.8	305.8	306.7	306.7	308.7	309.6	310.6	315.4
70°	264.4	265.4	264.4	264.4	264.4	266.3	268.3	269.2	270.2	271.2	274.0
72.5°	224.0	223.1	224.0	224.0	224.0	226.0	226.9	228.8	228.8	230.8	232.7
75°	185.6	185.6	186.5	185.6	185.6	188.5	188.5	190.4	190.4	192.3	195.2
77.5°	147.1	149.0	148.1	148.1	148.1	150.0	150.0	151.9	152.9	153.8	156.7
80°	109.6	111.5	110.6	110.6	110.6	111.5	112.5	114.4	114.4	116.3	118.3
82.5°	73.1	73.1	74.0	74.0	74.0	75.0	76.9	77.9	77.9	79.8	81.7
85°	37.5	40.4	39.4	39.4	39.4	40.4	41.3	42.3	43.3	44.2	46.2
87.5°	7.7	8.7	8.7	7.7	9.6	8.7	9.6	10.6	10.6	11.5	13.5
90°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
92.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
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°	3.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.8
100°	5.8	5.8	5.8	5.8	5.8	6.7	6.7	6.7	6.7	7.7	8.7
102.5°	7.7	7.7	8.7	8.7	8.7	8.7	8.7	9.6	10.6	11.5	15.4
105°	11.5	10.6	11.5	11.5	11.5	12.5	12.5	14.4	16.3	21.2	30.8
107.5°	15.4	15.4	15.4	16.3	17.3	19.2	20.2	24.0	32.7	46.2	71.2
110°	24.0	23.1	25.0	26.9	32.7	35.6	40.4	54.8	77.9	105.8	135.6



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	51.0	50.0	56.7	63.5	76.0	87.5	102.9	131.7	161.5	179.8	187.5
115°	133.7	130.8	139.4	156.7	178.8	190.4	201.0	215.4	224.0	224.0	219.2
117.5°	241.3	237.5	247.1	251.9	256.7	260.6	260.6	260.6	256.7	250.0	240.4
120°	295.2	292.3	293.3	291.3	289.4	287.5	285.6	281.7	275.0	267.3	258.7
122.5°	315.4	314.4	312.5	309.6	306.7	303.8	301.9	297.1	290.4	281.7	273.1
125°	327.9	326.9	325.0	322.1	318.3	316.3	314.4	308.7	301.9	294.2	284.6
127.5°	337.5	337.5	334.6	332.7	328.8	326.9	324.0	319.2	312.5	303.8	295.2
130°	346.2	346.2	343.3	342.3	337.5	336.5	333.7	327.9	321.2	313.5	305.8
132.5°	353.8	352.9	351.9	350.0	346.2	344.2	342.3	337.5	329.8	322.1	315.4
135°	359.6	358.7	357.7	355.8	351.9	351.0	349.0	344.2	336.5	329.8	323.1
137.5°	364.4	364.4	362.5	361.5	357.7	356.7	354.8	350.0	343.3	337.5	331.7
140°	369.2	369.2	367.3	366.3	362.5	361.5	360.6	355.8	349.0	344.2	339.4
142.5°	372.1	373.1	371.2	370.2	366.3	365.4	364.4	359.6	354.8	350.0	346.2
145°	376.0	376.0	374.0	373.1	371.2	370.2	368.3	364.4	359.6	354.8	351.0
147.5°	377.9	378.8	376.9	376.0	374.0	373.1	371.2	367.3	362.5	358.7	354.8
150°	380.8	380.8	378.8	377.9	376.0	375.0	374.0	370.2	365.4	362.5	358.7
152.5°	381.7	381.7	379.8	378.8	376.9	376.0	375.0	371.2	367.3	364.4	360.6
155°	381.7	381.7	380.8	378.8	377.9	376.9	375.0	372.1	368.3	366.3	362.5
157.5°	381.7	380.8	380.8	378.8	377.9	376.0	375.0	371.2	369.2	367.3	363.5
160°	380.8	380.8	379.8	377.9	377.9	376.0	375.0	372.1	369.2	368.3	364.4
162.5°	379.8	378.8	378.8	376.9	376.9	376.0	374.0	372.1	369.2	368.3	364.4
165°	377.9	376.9	376.9	375.0	375.0	374.0	373.1	369.2	368.3	367.3	364.4
167.5°	375.0	374.0	373.1	371.2	371.2	370.2	369.2	366.3	365.4	365.4	363.5
170°	371.2	369.2	368.3	367.3	367.3	366.3	365.4	363.5	363.5	363.5	361.5
172.5°	366.3	364.4	364.4	363.5	362.5	362.5	361.5	359.6	359.6	359.6	358.7
175°	361.5	359.6	358.7	357.7	358.7	357.7	356.7	355.8	355.8	356.7	355.8
177.5°	352.9	351.0	351.9	351.9	351.9	351.9	351.0	351.0	351.0	351.0	351.0
180°	344.2	344.2	344.2	344.2	344.2	344.2	344.2	344.2	344.2	344.2	344.2



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1
2.5°	1069.2	1066.3	1066.3	1070.2	1071.2	1073.1	1075.0	1078.8	1080.8	1080.8	1079.8
5°	1066.3	1063.5	1062.5	1066.3	1067.3	1069.2	1071.2	1075.0	1076.0	1076.0	1075.0
7.5°	1059.6	1056.7	1055.8	1059.6	1060.6	1062.5	1063.5	1067.3	1069.2	1069.2	1067.3
10°	1049.0	1046.2	1046.2	1050.0	1051.0	1051.9	1053.8	1056.7	1058.7	1058.7	1057.7
12.5°	1036.5	1033.7	1032.7	1036.5	1037.5	1038.5	1040.4	1044.2	1045.2	1045.2	1043.3
15°	1021.2	1017.3	1017.3	1021.2	1022.1	1023.1	1025.0	1027.9	1028.8	1028.8	1026.9
17.5°	1001.9	1000.0	998.1	1001.9	1002.9	1003.8	1004.8	1008.7	1010.6	1009.6	1007.7
20°	980.8	977.9	976.0	980.8	981.7	982.7	983.7	987.5	989.4	989.4	986.5
22.5°	957.7	954.8	952.9	956.7	958.7	958.7	960.6	963.5	965.4	964.4	962.5
25°	931.7	927.9	927.9	930.8	932.7	932.7	934.6	937.5	939.4	939.4	936.5
27.5°	903.8	901.0	899.0	901.0	903.8	904.8	906.7	909.6	911.5	911.5	908.7
30°	875.0	872.1	868.3	871.2	874.0	875.0	876.9	880.8	881.7	881.7	876.9
32.5°	844.2	839.4	838.5	840.4	842.3	844.2	846.2	849.0	849.0	850.0	847.1
35°	809.6	807.7	805.8	807.7	809.6	810.6	813.5	816.3	816.3	816.3	813.5
37.5°	776.0	776.0	772.1	773.1	775.0	776.0	779.8	781.7	782.7	781.7	780.8
40°	743.3	740.4	738.5	738.5	739.4	742.3	744.2	746.2	747.1	746.2	744.2
42.5°	707.7	705.8	702.9	702.9	703.8	706.7	710.6	711.5	710.6	710.6	706.7
45°	669.2	669.2	667.3	667.3	667.3	670.2	674.0	675.0	674.0	673.1	671.2
47.5°	630.8	631.7	631.7	630.8	630.8	630.8	634.6	635.6	636.5	635.6	633.7
50°	592.3	593.3	593.3	593.3	592.3	595.2	596.2	598.1	597.1	596.2	595.2
52.5°	551.9	554.8	554.8	555.8	555.8	555.8	559.6	560.6	557.7	556.7	555.8
55°	512.5	516.3	516.3	517.3	517.3	517.3	520.2	522.1	519.2	518.3	517.3
57.5°	474.0	476.9	476.9	478.8	480.8	478.8	480.8	482.7	479.8	480.8	478.8
60°	434.6	436.5	437.5	439.4	440.4	440.4	442.3	444.2	440.4	441.3	440.4
62.5°	397.1	397.1	398.1	400.0	401.0	400.0	401.9	404.8	401.0	401.9	401.0
65°	354.8	357.7	357.7	359.6	360.6	360.6	362.5	364.4	361.5	362.5	359.6
67.5°	315.4	317.3	318.3	321.2	323.1	322.1	323.1	325.0	323.1	324.0	321.2
70°	276.0	277.9	277.9	278.8	281.7	282.7	283.7	284.6	283.7	284.6	282.7
72.5°	234.6	235.6	236.5	237.5	240.4	240.4	241.3	242.3	245.2	243.3	243.3
75°	195.2	197.1	197.1	200.0	201.9	201.9	202.9	203.8	205.8	202.9	202.9
77.5°	156.7	158.7	158.7	161.5	162.5	162.5	164.4	165.4	166.3	165.4	165.4
80°	119.2	120.2	121.2	122.1	124.0	125.0	126.0	126.9	127.9	126.9	127.9
82.5°	83.7	83.7	84.6	85.6	87.5	88.5	89.4	90.4	91.3	90.4	91.3
85°	47.1	49.0	49.0	51.9	52.9	52.9	53.8	54.8	55.8	54.8	55.8
87.5°	14.4	16.3	17.3	18.3	20.2	20.2	22.1	23.1	23.1	22.1	23.1
90°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
92.5°	1.9	1.9	1.9	2.9	2.9	2.9	3.8	3.8	3.8	2.9	3.8
95°	3.8	3.8	4.8	6.7	8.7	9.6	11.5	11.5	9.6	7.7	7.7
97.5°	6.7	7.7	11.5	16.3	18.3	21.2	23.1	21.2	17.3	14.4	13.5
100°	11.5	15.4	24.0	33.7	36.5	39.4	38.5	33.7	27.9	23.1	20.2
102.5°	21.2	32.7	49.0	58.7	60.6	60.6	55.8	48.1	40.4	33.7	29.8
105°	47.1	67.3	85.6	87.5	86.5	83.7	75.0	65.4	55.8	46.2	41.3
107.5°	97.1	114.4	120.2	114.4	111.5	105.8	95.2	83.7	71.2	61.5	53.8
110°	151.0	152.9	147.1	137.5	131.7	126.9	113.5	101.9	88.5	76.9	68.3





TEST NUMBER: P303080

CATALOG NUMBER: CTW-F-2575-40L830-UNV-STD-4

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	187.5	180.8	170.2	158.7	152.9	146.2	133.7	120.2	105.8	93.3	83.7
115°	211.5	201.0	189.4	176.9	171.2	165.4	151.9	137.5	123.1	111.5	100.0
117.5°	229.8	218.3	206.7	194.2	188.5	182.7	168.3	154.8	139.4	127.9	116.3
120°	245.2	234.6	222.1	210.6	204.8	199.0	184.6	171.2	156.7	144.2	131.7
122.5°	262.5	251.9	236.5	226.0	220.2	213.5	200.0	186.5	172.1	159.6	147.1
125°	275.0	264.4	252.9	239.4	233.7	226.9	213.5	201.0	187.5	175.0	163.5
127.5°	287.5	276.9	266.3	253.8	247.1	239.4	226.9	214.4	201.9	190.4	177.9
130°	298.1	288.5	277.9	266.3	259.6	253.8	239.4	226.9	215.4	203.8	193.3
132.5°	308.7	299.0	287.5	276.9	270.2	265.4	253.8	240.4	228.8	218.3	206.7
135°	316.3	307.7	296.2	284.6	279.8	275.0	264.4	253.8	241.3	230.8	220.2
137.5°	325.0	315.4	303.8	293.3	288.5	284.6	275.0	264.4	254.8	243.3	232.7
140°	331.7	322.1	311.5	301.0	297.1	293.3	284.6	275.0	266.3	256.7	245.2
142.5°	337.5	327.9	317.3	307.7	304.8	301.0	292.3	284.6	276.0	267.3	257.7
145°	343.3	332.7	323.1	315.4	311.5	307.7	301.0	293.3	285.6	276.9	268.3
147.5°	348.1	337.5	328.8	321.2	318.3	315.4	307.7	301.0	294.2	286.5	277.9
150°	351.9	342.3	334.6	327.9	325.0	322.1	314.4	308.7	302.9	295.2	287.5
152.5°	353.8	345.2	338.5	332.7	330.8	327.9	322.1	316.3	310.6	303.8	297.1
155°	355.8	348.1	342.3	337.5	335.6	333.7	327.9	323.1	318.3	312.5	304.8
157.5°	356.7	351.0	345.2	341.3	339.4	337.5	332.7	328.8	324.0	318.3	312.5
160°	358.7	352.9	347.1	344.2	343.3	341.3	336.5	333.7	329.8	324.0	319.2
162.5°	358.7	353.8	349.0	347.1	346.2	345.2	340.4	337.5	334.6	329.8	325.0
165°	359.6	354.8	351.0	349.0	348.1	347.1	344.2	341.3	338.5	333.7	330.8
167.5°	358.7	354.8	351.9	350.0	349.0	348.1	346.2	344.2	341.3	338.5	334.6
170°	356.7	353.8	351.9	351.0	350.0	349.0	347.1	346.2	343.3	341.3	338.5
172.5°	354.8	351.9	350.0	350.0	349.0	349.0	348.1	347.1	345.2	343.3	341.3
175°	351.9	350.0	348.1	348.1	348.1	348.1	347.1	347.1	346.2	345.2	343.3
177.5°	348.1	346.2	345.2	345.2	346.2	346.2	346.2	346.2	346.2	346.2	345.2
180°	344.2	344.2	344.2	344.2	344.2	344.2	344.2	344.2	344.2	344.2	344.2



TEST NUMBER: P303080

CATALOG NUMBER: CTW-F-2575-40L830-UNV-STD-4

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1
2.5°	1073.1	1066.3	1066.3	1067.3	1069.2	1071.2	1071.2	1067.3	1072.1	1076.0	1072.1
5°	1068.3	1061.5	1062.5	1062.5	1064.4	1066.3	1066.3	1062.5	1067.3	1070.2	1065.4
7.5°	1060.6	1053.8	1053.8	1054.8	1055.8	1057.7	1057.7	1053.8	1058.7	1061.5	1056.7
10°	1050.0	1043.3	1043.3	1043.3	1045.2	1047.1	1046.2	1042.3	1047.1	1049.0	1045.2
12.5°	1035.6	1029.8	1029.8	1029.8	1030.8	1032.7	1031.7	1026.9	1032.7	1033.7	1028.8
15°	1019.2	1014.4	1013.5	1013.5	1014.4	1016.3	1014.4	1009.6	1015.4	1016.3	1012.5
17.5°	1001.0	995.2	994.2	994.2	995.2	997.1	994.2	989.4	994.2	994.2	990.4
20°	979.8	973.1	972.1	972.1	973.1	974.0	970.2	967.3	972.1	971.2	967.3
22.5°	955.8	949.0	948.1	948.1	949.0	950.0	945.2	943.3	946.2	945.2	940.4
25°	928.8	924.0	923.1	922.1	924.0	922.1	919.2	916.3	918.3	916.3	911.5
27.5°	901.0	895.2	893.3	894.2	896.2	895.2	888.5	887.5	890.4	886.5	881.7
30°	870.2	865.4	863.5	864.4	864.4	864.4	857.7	858.7	859.6	856.7	850.0
32.5°	838.5	834.6	833.7	833.7	834.6	832.7	826.0	826.9	826.9	822.1	817.3
35°	805.8	801.9	800.0	801.0	801.9	798.1	792.3	794.2	792.3	788.5	783.7
37.5°	772.1	767.3	767.3	767.3	768.3	763.5	757.7	760.6	757.7	752.9	749.0
40°	735.6	731.7	732.7	732.7	733.7	729.8	725.0	725.0	722.1	717.3	712.5
42.5°	701.9	697.1	699.0	699.0	699.0	693.3	690.4	689.4	687.5	682.7	678.8
45°	664.4	660.6	663.5	662.5	663.5	656.7	654.8	652.9	650.0	646.2	641.3
47.5°	626.0	624.0	626.9	626.9	626.9	620.2	618.3	615.4	613.5	609.6	602.9
50°	587.5	587.5	589.4	590.4	588.5	582.7	580.8	576.9	575.0	571.2	565.4
52.5°	551.0	549.0	551.9	551.9	550.0	545.2	542.3	539.4	536.5	532.7	528.8
55°	513.5	511.5	514.4	512.5	511.5	507.7	503.8	501.0	500.0	494.2	490.4
57.5°	475.0	474.0	476.0	475.0	472.1	469.2	465.4	463.5	460.6	455.8	452.9
60°	436.5	436.5	436.5	435.6	433.7	429.8	426.9	425.0	421.2	417.3	415.4
62.5°	398.1	398.1	397.1	396.2	394.2	391.3	387.5	387.5	381.7	377.9	376.9
65°	359.6	358.7	357.7	354.8	354.8	352.9	349.0	346.2	343.3	339.4	338.5
67.5°	321.2	319.2	316.3	316.3	314.4	313.5	309.6	306.7	304.8	301.9	300.0
70°	282.7	279.8	276.9	277.9	275.0	274.0	270.2	269.2	264.4	261.5	261.5
72.5°	241.3	238.5	235.6	236.5	234.6	232.7	229.8	226.9	224.0	223.1	221.2
75°	202.9	199.0	197.1	197.1	195.2	193.3	191.3	188.5	187.5	185.6	183.7
77.5°	163.5	160.6	159.6	159.6	156.7	155.8	153.8	152.9	150.0	150.0	146.2
80°	126.0	123.1	122.1	121.2	121.2	118.3	117.3	114.4	113.5	111.5	108.7
82.5°	88.5	86.5	85.6	85.6	85.6	81.7	80.8	77.9	76.9	74.0	71.2
85°	53.8	51.9	50.0	51.0	50.0	46.2	45.2	41.3	39.4	38.5	36.5
87.5°	22.1	19.2	17.3	16.3	16.3	14.4	13.5	12.5	9.6	8.7	7.7
90°	1.0	1.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.9	2.9
92.5°	4.8	5.8	5.8	5.8	6.7	6.7	5.8	5.8	5.8	5.8	4.8
95°	8.7	9.6	11.5	11.5	12.5	13.5	13.5	12.5	12.5	12.5	11.5
97.5°	12.5	14.4	14.4	15.4	16.3	17.3	18.3	19.2	19.2	19.2	19.2
100°	19.2	18.3	20.2	21.2	21.2	21.2	22.1	23.1	24.0	25.0	25.0
102.5°	27.9	25.0	25.0	25.0	26.9	28.8	26.9	26.9	27.9	28.8	29.8
105°	36.5	33.7	31.7	31.7	31.7	33.7	35.6	34.6	33.7	34.6	34.6
107.5°	48.1	43.3	39.4	39.4	39.4	38.5	40.4	41.3	43.3	42.3	40.4
110°	60.6	54.8	50.0	47.1	47.1	46.2	46.2	47.1	49.0	50.0	51.0



TEST NUMBER: P303080

CATALOG NUMBER: CTW-F-2575-40L830-UNV-STD-4

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	75.0	67.3	60.6	59.6	56.7	53.8	52.9	52.9	53.8	55.8	57.7
115°	90.4	81.7	73.1	71.2	68.3	62.5	60.6	59.6	59.6	60.6	62.5
117.5°	105.8	96.2	87.5	83.7	80.8	75.0	70.2	67.3	66.3	66.3	67.3
120°	121.2	112.5	102.9	98.1	94.2	87.5	80.8	76.0	74.0	73.1	73.1
122.5°	136.5	127.9	117.3	113.5	109.6	101.0	94.2	87.5	83.7	80.8	79.8
125°	151.9	143.3	133.7	128.8	124.0	115.4	108.7	101.9	96.2	91.3	88.5
127.5°	167.3	157.7	149.0	145.2	140.4	130.8	122.1	115.4	109.6	103.8	99.0
130°	180.8	173.1	164.4	160.6	155.8	145.2	137.5	130.8	124.0	117.3	112.5
132.5°	196.2	186.5	178.8	175.0	170.2	160.6	152.9	145.2	139.4	132.7	126.9
135°	208.7	201.0	192.3	188.5	184.6	176.0	168.3	160.6	153.8	148.1	143.3
137.5°	222.1	213.5	205.8	202.9	198.1	189.4	183.7	176.0	169.2	162.5	157.7
140°	234.6	226.0	218.3	215.4	211.5	203.8	196.2	190.4	183.7	177.9	173.1
142.5°	247.1	236.5	230.8	227.9	224.0	216.3	209.6	204.8	199.0	193.3	188.5
145°	258.7	251.0	241.3	239.4	236.5	228.8	223.1	218.3	213.5	207.7	202.9
147.5°	268.3	261.5	254.8	252.9	250.0	242.3	235.6	231.7	226.9	222.1	217.3
150°	278.8	272.1	266.3	264.4	261.5	256.7	250.0	243.3	240.4	234.6	230.8
152.5°	288.5	281.7	276.0	275.0	272.1	267.3	261.5	256.7	254.8	250.0	243.3
155°	297.1	290.4	285.6	284.6	282.7	277.9	273.1	268.3	266.3	261.5	257.7
157.5°	304.8	298.1	294.2	293.3	291.3	287.5	282.7	277.9	276.9	273.1	270.2
160°	312.5	305.8	302.9	301.9	300.0	297.1	293.3	288.5	288.5	284.6	281.7
162.5°	318.3	313.5	310.6	308.7	307.7	305.8	301.9	298.1	298.1	295.2	292.3
165°	325.0	319.2	317.3	316.3	315.4	313.5	310.6	306.7	306.7	304.8	301.9
167.5°	329.8	325.0	323.1	322.1	321.2	320.2	318.3	314.4	314.4	313.5	310.6
170°	333.7	329.8	327.9	326.9	326.9	326.0	325.0	322.1	322.1	321.2	318.3
172.5°	337.5	333.7	332.7	332.7	331.7	331.7	330.8	327.9	327.9	328.8	326.0
175°	340.4	336.5	336.5	335.6	336.5	336.5	335.6	333.7	334.6	335.6	333.7
177.5°	341.3	339.4	339.4	339.4	339.4	340.4	340.4	337.5	339.4	341.3	338.5
180°	344.2	344.2	344.2	344.2	344.2	344.2	344.2	344.2	344.2	344.2	344.2



TEST NUMBER: P303080

CATALOG NUMBER: CTW-F-2575-40L830-UNV-STD-4

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1
2.5°	1072.1	1070.2	1069.2	1069.2	1070.2	1064.4	1059.6	1058.7
5°	1065.4	1063.5	1062.5	1062.5	1064.4	1060.6	1056.7	1055.8
7.5°	1055.8	1054.8	1052.9	1053.8	1056.7	1052.9	1049.0	1049.0
10°	1043.3	1042.3	1040.4	1041.3	1043.3	1039.4	1035.6	1035.6
12.5°	1027.9	1025.0	1024.0	1025.0	1026.9	1023.1	1019.2	1020.2
15°	1009.6	1007.7	1006.7	1007.7	1009.6	1005.8	1001.0	1001.9
17.5°	989.4	986.5	986.5	987.5	988.5	983.7	978.8	978.8
20°	964.4	961.5	961.5	962.5	962.5	956.7	953.8	953.8
22.5°	936.5	933.7	932.7	934.6	934.6	929.8	926.9	926.0
25°	908.7	903.8	903.8	905.8	904.8	901.0	897.1	896.2
27.5°	879.8	874.0	876.0	876.0	875.0	869.2	866.3	865.4
30°	848.1	843.3	842.3	844.2	841.3	836.5	834.6	832.7
32.5°	815.4	810.6	811.5	810.6	808.7	803.8	800.0	800.0
35°	781.7	776.0	777.9	776.9	773.1	770.2	767.3	765.4
37.5°	746.2	741.3	743.3	741.3	738.5	735.6	731.7	730.8
40°	709.6	707.7	707.7	705.8	702.9	699.0	698.1	695.2
42.5°	673.1	672.1	672.1	669.2	666.3	663.5	661.5	660.6
45°	637.5	634.6	636.5	633.7	629.8	626.9	625.0	624.0
47.5°	601.0	598.1	598.1	596.2	592.3	590.4	588.5	588.5
50°	564.4	560.6	559.6	558.7	555.8	553.8	551.0	551.9
52.5°	526.9	525.0	524.0	521.2	518.3	516.3	515.4	516.3
55°	489.4	487.5	485.6	483.7	480.8	478.8	476.9	477.9
57.5°	451.9	448.1	448.1	445.2	443.3	441.3	439.4	439.4
60°	413.5	411.5	409.6	407.7	405.8	403.8	403.8	401.9
62.5°	375.0	373.1	371.2	368.3	367.3	365.4	366.3	364.4
65°	336.5	333.7	333.7	330.8	329.8	327.9	328.8	327.9
67.5°	298.1	296.2	295.2	293.3	291.3	290.4	290.4	290.4
70°	259.6	257.7	256.7	256.7	253.8	251.0	252.9	251.9
72.5°	219.2	218.3	216.3	215.4	213.5	212.5	213.5	212.5
75°	181.7	180.8	179.8	178.8	176.0	176.0	176.9	176.0
77.5°	144.2	143.3	142.3	143.3	139.4	139.4	139.4	138.5
80°	107.7	106.7	104.8	105.8	103.8	101.9	101.9	103.8
82.5°	69.2	69.2	67.3	67.3	67.3	64.4	65.4	66.3
85°	35.6	35.6	34.6	35.6	32.7	32.7	32.7	31.7
87.5°	7.7	7.7	6.7	7.7	6.7	6.7	6.7	7.7
90°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
92.5°	4.8	4.8	4.8	5.8	4.8	4.8	4.8	4.8
95°	11.5	12.5	12.5	12.5	11.5	11.5	11.5	10.6
97.5°	19.2	19.2	19.2	19.2	18.3	18.3	18.3	17.3
100°	25.0	26.0	26.0	26.0	26.0	26.0	26.0	25.0
102.5°	30.8	30.8	30.8	31.7	31.7	31.7	31.7	30.8
105°	34.6	35.6	35.6	36.5	37.5	37.5	37.5	36.5
107.5°	41.3	41.3	41.3	41.3	41.3	42.3	41.3	41.3
110°	50.0	49.0	49.0	49.0	48.1	48.1	48.1	48.1



TEST NUMBER: P303080

CATALOG NUMBER: CTW-F-2575-40L830-UNV-STD-4

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	58.7	58.7	58.7	58.7	58.7	57.7	57.7	57.7
115°	63.5	65.4	65.4	65.4	65.4	65.4	66.3	66.3
117.5°	68.3	69.2	70.2	70.2	71.2	71.2	72.1	72.1
120°	73.1	74.0	74.0	75.0	75.0	75.0	76.0	76.0
122.5°	78.8	78.8	78.8	78.8	79.8	78.8	79.8	79.8
125°	86.5	85.6	85.6	84.6	84.6	83.7	83.7	83.7
127.5°	96.2	94.2	93.3	92.3	91.3	90.4	89.4	89.4
130°	108.7	104.8	103.8	102.9	100.0	99.0	98.1	98.1
132.5°	122.1	119.2	117.3	115.4	112.5	110.6	109.6	108.7
135°	138.5	134.6	131.7	129.8	126.9	124.0	122.1	122.1
137.5°	152.9	149.0	147.1	145.2	142.3	139.4	138.5	137.5
140°	168.3	164.4	162.5	160.6	157.7	154.8	152.9	152.9
142.5°	182.7	178.8	177.9	176.0	173.1	170.2	169.2	168.3
145°	198.1	194.2	192.3	191.3	188.5	185.6	183.7	183.7
147.5°	212.5	208.7	207.7	205.8	203.8	200.0	199.0	198.1
150°	226.9	223.1	222.1	221.2	219.2	215.4	213.5	213.5
152.5°	240.4	236.5	235.6	235.6	233.7	230.8	228.8	227.9
155°	254.8	251.9	251.0	251.0	249.0	245.2	242.3	242.3
157.5°	267.3	264.4	263.5	263.5	261.5	259.6	258.7	258.7
160°	279.8	276.9	276.0	276.0	275.0	273.1	272.1	272.1
162.5°	290.4	288.5	287.5	287.5	287.5	285.6	283.7	284.6
165°	301.0	298.1	298.1	297.1	298.1	296.2	295.2	296.2
167.5°	308.7	307.7	306.7	306.7	306.7	305.8	305.8	305.8
170°	317.3	316.3	316.3	315.4	315.4	315.4	313.5	314.4
172.5°	325.0	324.0	324.0	324.0	324.0	323.1	321.2	322.1
175°	332.7	331.7	331.7	331.7	331.7	330.8	327.9	327.9
177.5°	339.4	339.4	338.5	338.5	338.5	336.5	332.7	333.7
180°	344.2	344.2	344.2	344.2	344.2	344.2	344.2	344.2

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