

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: P303057

Luminaire Tested: **CTW-F-2575-20L830-UNV-STD-8**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303057
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-3)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: CTW-F-2575-20L830-UNV-STD-8
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 2000 LUMEN PACKAGE
Light Source: 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

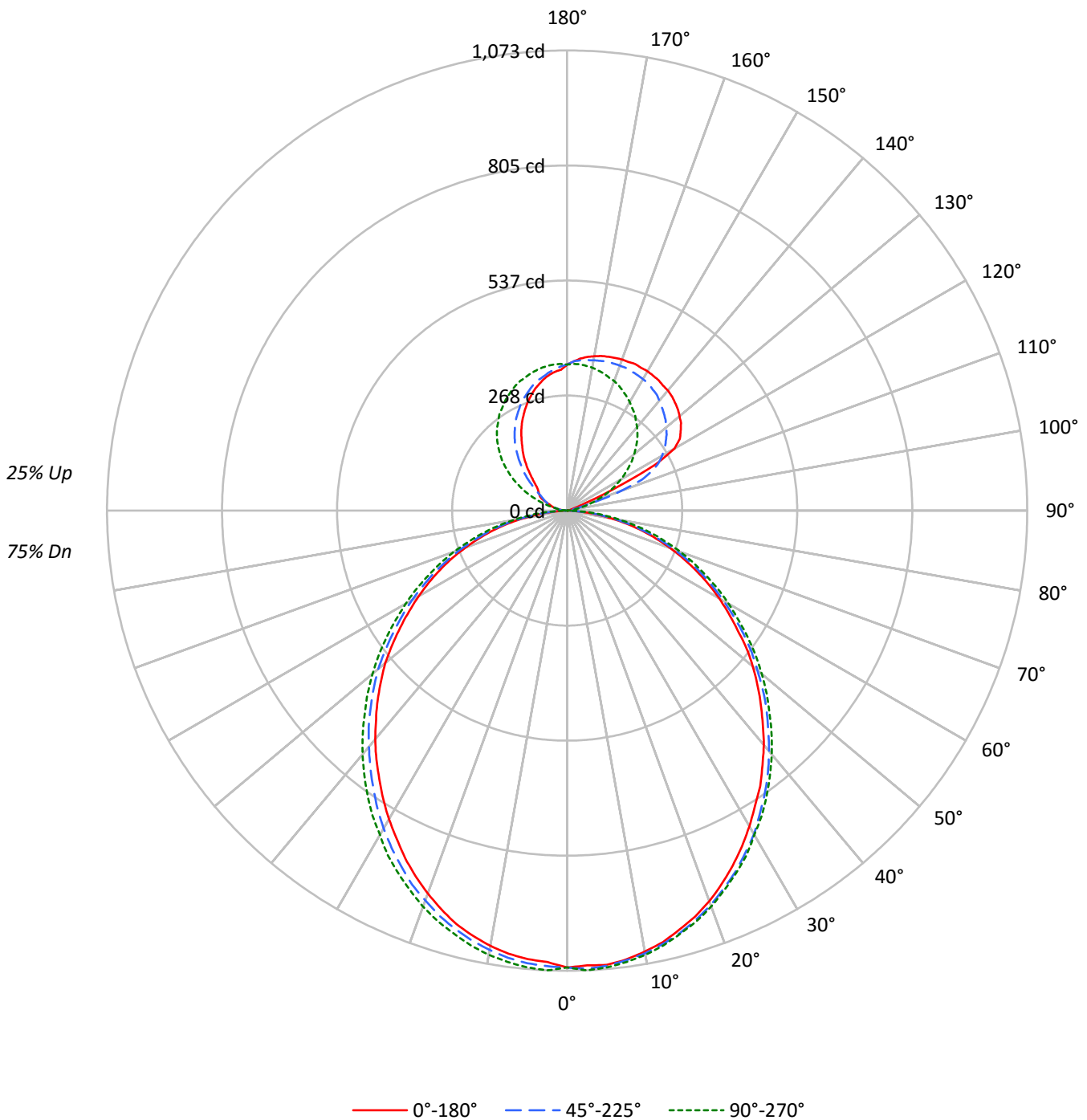
Lumens per Lamp: N/A
Luminaire Lumens: 3804.7 lumens
Efficiency: N/A
Efficacy: 116.4 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32
Luminous Opening: Rectangular (W 8' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 32.7
Input Voltage (V): 120
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	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	60	55	51	54	50	47	44
4	78	67	59	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	30	36	31	28	25
8	57	44	36	31	54	42	35	30	39	33	28	36	30	26	33	28	25	23
9	53	41	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	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	11468	11468	11468
5°	11491	11553	11345
10°	11413	11497	11267
15°	11272	11380	11122
20°	11102	11257	10882
25°	10849	11077	10620
30°	10565	10852	10326
35°	10310	10663	10033
40°	10026	10430	9783
45°	9720	10158	9514
50°	9468	9918	9274
55°	9094	9637	8914
60°	8818	9356	8611
65°	8474	9062	8326
70°	8050	8837	7928
75°	7519	8476	7436
80°	6434	7866	6434
85°	4273	6891	4273



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.6	2.6
10°-20°	284.8	7.5
20°-30°	421.9	11.1
30°-40°	495.0	13.0
40°-50°	501.6	13.2
50°-60°	445.1	11.7
60°-70°	339.4	8.9
70°-80°	200.8	5.3
80°-90°	53.0	1.4
90°-100°	9.8	0.3
100°-110°	42.6	1.1
110°-120°	118.3	3.1
120°-130°	169.2	4.4
130°-140°	182.1	4.8
140°-150°	173.0	4.5
150°-160°	142.1	3.7
160°-170°	93.1	2.4
170°-180°	32.3	0.8
0°-30°	807.2	21.2
0°-40°	1302.2	34.2
0°-60°	2249.0	59.1
0°-90°	2842.1	74.7
90°-120°	170.7	4.5
90°-150°	695.0	18.3
90°-180°	963.0	25.3
0°-180°	3804.7	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1065	1065	1065	1065	1065	
5°	1064	1065	1069	1060	1050	101
15°	1012	1019	1021	1010	998	285
25°	914	929	933	915	894	421
35°	785	804	812	788	764	490
45°	638	658	667	648	625	493
55°	485	502	514	494	475	435
65°	333	344	356	340	327	329
75°	181	188	204	188	179	190
85°	35	42	56	42	35	43
90°	0	0	0	2	4	1
95°	2	4	8	14	12	3
105°	12	33	46	33	36	13
115°	123	219	112	60	65	136
125°	323	281	175	96	83	288
135°	356	319	231	154	123	275
145°	371	346	275	214	183	233
155°	377	358	308	264	242	174
165°	371	360	331	304	292	105
175°	356	352	342	331	325	34
180°	340	340	340	340	340	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1065.4	1065.4	1065.4	1065.4	1065.4	1065.4	1065.4	1065.4	1065.4	1065.4	1065.4
2.5°	1061.5	1061.5	1061.5	1063.5	1065.4	1065.4	1065.4	1063.5	1065.4	1071.2	1069.2
5°	1063.5	1061.5	1061.5	1059.6	1061.5	1061.5	1061.5	1059.6	1061.5	1067.3	1065.4
7.5°	1055.8	1055.8	1055.8	1053.8	1055.8	1053.8	1053.8	1051.9	1055.8	1059.6	1057.7
10°	1044.2	1042.3	1042.3	1042.3	1044.2	1044.2	1042.3	1042.3	1044.2	1050.0	1048.1
12.5°	1030.8	1030.8	1030.8	1028.8	1030.8	1030.8	1030.8	1028.8	1030.8	1036.5	1034.6
15°	1011.5	1013.5	1013.5	1011.5	1015.4	1015.4	1013.5	1013.5	1015.4	1019.2	1019.2
17.5°	992.3	992.3	992.3	992.3	996.2	994.2	994.2	994.2	996.2	1000.0	1000.0
20°	969.2	969.2	969.2	967.3	971.2	971.2	971.2	971.2	973.1	978.8	978.8
22.5°	942.3	942.3	942.3	942.3	944.2	944.2	944.2	944.2	946.2	951.9	953.8
25°	913.5	913.5	913.5	913.5	915.4	915.4	915.4	917.3	919.2	925.0	928.8
27.5°	882.7	884.6	884.6	884.6	884.6	886.5	886.5	888.5	890.4	894.2	900.0
30°	850.0	850.0	851.9	851.9	853.8	853.8	853.8	855.8	859.6	863.5	871.2
32.5°	815.4	817.3	819.2	819.2	821.2	821.2	823.1	823.1	826.9	828.8	836.5
35°	784.6	784.6	782.7	786.5	786.5	786.5	788.5	790.4	790.4	794.2	803.8
37.5°	748.1	750.0	748.1	751.9	753.8	751.9	753.8	755.8	757.7	759.6	769.2
40°	713.5	713.5	713.5	715.4	717.3	717.3	717.3	719.2	723.1	726.9	732.7
42.5°	675.0	676.9	676.9	678.8	680.8	678.8	680.8	684.6	686.5	690.4	694.2
45°	638.5	640.4	638.5	642.3	644.2	644.2	644.2	648.1	650.0	651.9	657.7
47.5°	601.9	603.8	601.9	603.8	607.7	607.7	607.7	609.6	613.5	615.4	619.2
50°	565.4	565.4	565.4	567.3	569.2	571.2	571.2	571.2	575.0	576.9	578.8
52.5°	526.9	526.9	526.9	530.8	530.8	530.8	532.7	534.6	536.5	540.4	542.3
55°	484.6	484.6	484.6	486.5	488.5	488.5	490.4	492.3	494.2	496.2	501.9
57.5°	446.2	448.1	446.2	448.1	450.0	450.0	453.8	453.8	455.8	457.7	461.5
60°	409.6	409.6	409.6	409.6	411.5	411.5	411.5	413.5	417.3	419.2	421.2
62.5°	371.2	371.2	371.2	373.1	373.1	373.1	375.0	376.9	378.8	380.8	382.7
65°	332.7	332.7	332.7	334.6	334.6	334.6	334.6	338.5	340.4	342.3	344.2
67.5°	294.2	294.2	294.2	296.2	296.2	296.2	298.1	300.0	301.9	303.8	305.8
70°	255.8	257.7	255.8	257.7	257.7	257.7	259.6	261.5	261.5	265.4	265.4
72.5°	217.3	217.3	217.3	219.2	219.2	221.2	221.2	223.1	223.1	225.0	226.9
75°	180.8	178.8	180.8	182.7	180.8	180.8	182.7	184.6	186.5	188.5	188.5
77.5°	142.3	142.3	142.3	144.2	146.2	144.2	146.2	148.1	148.1	151.9	150.0
80°	103.8	103.8	105.8	107.7	107.7	107.7	107.7	109.6	111.5	113.5	113.5
82.5°	67.3	69.2	69.2	71.2	71.2	71.2	73.1	73.1	75.0	76.9	76.9
85°	34.6	36.5	34.6	36.5	36.5	38.5	38.5	38.5	40.4	42.3	42.3
87.5°	7.7	5.8	5.8	7.7	5.8	7.7	7.7	7.7	7.7	9.6	13.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	3.8	3.8	3.8
97.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	5.8	5.8
100°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	7.7	7.7	7.7	9.6
102.5°	7.7	7.7	7.7	7.7	9.6	9.6	9.6	9.6	11.5	13.5	15.4
105°	11.5	11.5	11.5	11.5	11.5	11.5	13.5	15.4	17.3	23.1	32.7
107.5°	15.4	15.4	15.4	17.3	17.3	19.2	19.2	25.0	34.6	48.1	73.1
110°	23.1	25.0	25.0	28.8	32.7	36.5	40.4	55.8	76.9	107.7	132.7



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	48.1	51.9	53.8	65.4	80.8	90.4	98.1	126.9	157.7	176.9	188.5
115°	123.1	128.8	136.5	153.8	175.0	184.6	192.3	209.6	221.2	223.1	219.2
117.5°	230.8	232.7	236.5	246.2	251.9	253.8	253.8	255.8	253.8	248.1	240.4
120°	288.5	288.5	286.5	286.5	284.6	284.6	282.7	276.9	271.2	265.4	255.8
122.5°	311.5	309.6	307.7	305.8	303.8	300.0	298.1	292.3	286.5	278.8	269.2
125°	323.1	323.1	321.2	319.2	315.4	313.5	309.6	303.8	298.1	290.4	280.8
127.5°	334.6	332.7	330.8	328.8	325.0	323.1	321.2	315.4	307.7	300.0	292.3
130°	342.3	342.3	340.4	338.5	334.6	332.7	328.8	325.0	317.3	309.6	301.9
132.5°	350.0	350.0	348.1	346.2	342.3	340.4	338.5	332.7	325.0	319.2	311.5
135°	355.8	355.8	353.8	351.9	348.1	346.2	344.2	340.4	332.7	326.9	319.2
137.5°	361.5	359.6	357.7	357.7	353.8	351.9	350.0	346.2	338.5	332.7	326.9
140°	365.4	363.5	363.5	361.5	357.7	357.7	355.8	350.0	346.2	340.4	334.6
142.5°	367.3	367.3	367.3	365.4	361.5	361.5	359.6	355.8	350.0	346.2	342.3
145°	371.2	369.2	369.2	367.3	365.4	365.4	363.5	359.6	353.8	350.0	346.2
147.5°	373.1	373.1	371.2	371.2	369.2	367.3	367.3	363.5	357.7	353.8	351.9
150°	375.0	375.0	373.1	373.1	371.2	369.2	369.2	365.4	359.6	357.7	353.8
152.5°	375.0	375.0	375.0	373.1	373.1	371.2	369.2	365.4	363.5	359.6	355.8
155°	376.9	376.9	375.0	375.0	373.1	371.2	369.2	367.3	363.5	361.5	357.7
157.5°	375.0	376.9	375.0	373.1	373.1	371.2	369.2	367.3	363.5	363.5	359.6
160°	375.0	375.0	375.0	373.1	373.1	371.2	369.2	367.3	365.4	363.5	359.6
162.5°	373.1	373.1	373.1	373.1	371.2	371.2	369.2	365.4	363.5	363.5	359.6
165°	371.2	373.1	371.2	371.2	369.2	369.2	367.3	365.4	363.5	363.5	359.6
167.5°	369.2	369.2	367.3	367.3	365.4	365.4	363.5	361.5	361.5	361.5	357.7
170°	365.4	365.4	363.5	363.5	363.5	361.5	361.5	359.6	359.6	359.6	355.8
172.5°	361.5	361.5	359.6	359.6	359.6	357.7	357.7	355.8	355.8	355.8	353.8
175°	355.8	355.8	353.8	353.8	353.8	353.8	353.8	351.9	351.9	353.8	351.9
177.5°	348.1	346.2	348.1	348.1	348.1	348.1	348.1	346.2	348.1	348.1	348.1
180°	340.4	340.4	340.4	340.4	340.4	340.4	340.4	340.4	340.4	340.4	340.4



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1065.4	1065.4	1065.4	1065.4	1065.4	1065.4	1065.4	1065.4	1065.4	1065.4	1065.4
2.5°	1061.5	1059.6	1057.7	1061.5	1063.5	1065.4	1067.3	1071.2	1073.1	1073.1	1071.2
5°	1057.7	1055.8	1053.8	1057.7	1059.6	1059.6	1061.5	1067.3	1067.3	1069.2	1067.3
7.5°	1050.0	1048.1	1048.1	1050.0	1051.9	1053.8	1055.8	1059.6	1061.5	1061.5	1059.6
10°	1040.4	1038.5	1038.5	1040.4	1042.3	1044.2	1044.2	1048.1	1050.0	1051.9	1050.0
12.5°	1028.8	1025.0	1025.0	1026.9	1028.8	1030.8	1032.7	1036.5	1038.5	1038.5	1036.5
15°	1011.5	1007.7	1007.7	1011.5	1013.5	1015.4	1015.4	1019.2	1021.2	1021.2	1021.2
17.5°	994.2	990.4	990.4	992.3	994.2	996.2	996.2	1001.9	1001.9	1003.8	1001.9
20°	973.1	969.2	969.2	971.2	973.1	975.0	975.0	978.8	980.8	982.7	980.8
22.5°	948.1	946.2	946.2	948.1	950.0	951.9	951.9	955.8	957.7	957.7	957.7
25°	923.1	919.2	919.2	921.2	923.1	925.0	926.9	930.8	932.7	932.7	930.8
27.5°	896.2	892.3	890.4	892.3	896.2	898.1	900.0	903.8	905.8	905.8	903.8
30°	867.3	861.5	859.6	863.5	867.3	869.2	869.2	873.1	875.0	873.1	873.1
32.5°	834.6	832.7	828.8	830.8	834.6	836.5	838.5	842.3	844.2	844.2	840.4
35°	803.8	800.0	798.1	798.1	801.9	803.8	805.8	807.7	809.6	811.5	809.6
37.5°	771.2	767.3	765.4	767.3	769.2	771.2	773.1	775.0	776.9	776.9	775.0
40°	736.5	732.7	730.8	732.7	732.7	734.6	738.5	740.4	744.2	742.3	738.5
42.5°	700.0	696.2	696.2	694.2	698.1	701.9	701.9	703.8	707.7	705.8	703.8
45°	663.5	661.5	659.6	661.5	659.6	663.5	667.3	667.3	669.2	667.3	667.3
47.5°	625.0	623.1	623.1	625.0	625.0	625.0	628.8	630.8	630.8	630.8	630.8
50°	586.5	584.6	586.5	588.5	588.5	588.5	590.4	592.3	592.3	592.3	590.4
52.5°	546.2	550.0	548.1	550.0	550.0	551.9	553.8	553.8	555.8	553.8	551.9
55°	503.8	507.7	509.6	511.5	513.5	511.5	513.5	515.4	517.3	513.5	513.5
57.5°	463.5	465.4	467.3	469.2	471.2	469.2	471.2	473.1	471.2	473.1	471.2
60°	425.0	426.9	426.9	430.8	432.7	430.8	432.7	434.6	434.6	434.6	432.7
62.5°	388.5	388.5	388.5	394.2	392.3	392.3	394.2	396.2	396.2	396.2	394.2
65°	348.1	350.0	350.0	351.9	353.8	353.8	353.8	355.8	357.7	355.8	355.8
67.5°	305.8	311.5	309.6	311.5	313.5	315.4	317.3	317.3	317.3	319.2	317.3
70°	269.2	271.2	271.2	275.0	276.9	276.9	278.8	278.8	280.8	280.8	278.8
72.5°	230.8	232.7	234.6	236.5	236.5	238.5	238.5	238.5	242.3	240.4	240.4
75°	192.3	194.2	196.2	198.1	198.1	200.0	200.0	200.0	201.9	203.8	201.9
77.5°	153.8	155.8	157.7	159.6	159.6	161.5	163.5	161.5	163.5	165.4	163.5
80°	117.3	119.2	119.2	121.2	123.1	123.1	125.0	125.0	125.0	126.9	125.0
82.5°	80.8	82.7	82.7	86.5	86.5	88.5	88.5	88.5	88.5	90.4	88.5
85°	46.2	48.1	48.1	50.0	51.9	51.9	53.8	53.8	53.8	55.8	53.8
87.5°	13.5	15.4	15.4	17.3	19.2	19.2	21.2	21.2	21.2	23.1	23.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
92.5°	1.9	1.9	1.9	1.9	1.9	3.8	3.8	3.8	3.8	1.9	3.8
95°	3.8	3.8	5.8	7.7	7.7	9.6	11.5	11.5	9.6	7.7	7.7
97.5°	5.8	7.7	11.5	17.3	19.2	21.2	23.1	21.2	17.3	13.5	13.5
100°	11.5	17.3	25.0	32.7	36.5	38.5	38.5	32.7	26.9	23.1	19.2
102.5°	23.1	34.6	48.1	57.7	59.6	59.6	55.8	48.1	40.4	32.7	28.8
105°	48.1	69.2	82.7	86.5	84.6	82.7	75.0	65.4	55.8	46.2	40.4
107.5°	96.2	115.4	117.3	113.5	109.6	105.8	94.2	82.7	71.2	61.5	53.8
110°	148.1	151.9	148.1	136.5	132.7	125.0	113.5	101.9	88.5	76.9	69.2



TEST NUMBER: P303057

CATALOG NUMBER: CTW-F-2575-20L830-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	186.5	178.8	169.2	157.7	151.9	146.2	132.7	121.2	105.8	94.2	84.6
115°	211.5	200.0	188.5	176.9	169.2	163.5	150.0	138.5	123.1	111.5	100.0
117.5°	228.8	217.3	205.8	194.2	186.5	180.8	169.2	153.8	140.4	126.9	117.3
120°	244.2	234.6	221.2	209.6	203.8	198.1	184.6	171.2	155.8	144.2	132.7
122.5°	259.6	248.1	236.5	225.0	219.2	213.5	200.0	184.6	173.1	159.6	148.1
125°	271.2	261.5	250.0	238.5	232.7	226.9	213.5	200.0	186.5	175.0	163.5
127.5°	282.7	273.1	261.5	250.0	244.2	238.5	225.0	213.5	201.9	190.4	178.8
130°	294.2	284.6	273.1	261.5	255.8	250.0	238.5	226.9	215.4	203.8	192.3
132.5°	305.8	294.2	284.6	273.1	267.3	261.5	250.0	238.5	228.8	217.3	207.7
135°	313.5	303.8	292.3	282.7	276.9	271.2	261.5	250.0	240.4	230.8	221.2
137.5°	321.2	311.5	300.0	290.4	284.6	280.8	271.2	261.5	251.9	242.3	232.7
140°	326.9	317.3	307.7	298.1	292.3	290.4	280.8	271.2	263.5	253.8	244.2
142.5°	332.7	323.1	313.5	303.8	300.0	298.1	288.5	280.8	273.1	263.5	255.8
145°	338.5	328.8	319.2	311.5	307.7	303.8	296.2	288.5	282.7	275.0	265.4
147.5°	342.3	332.7	325.0	317.3	313.5	311.5	303.8	298.1	290.4	282.7	275.0
150°	346.2	336.5	330.8	323.1	321.2	317.3	309.6	303.8	298.1	292.3	284.6
152.5°	350.0	340.4	334.6	328.8	326.9	323.1	317.3	311.5	307.7	300.0	294.2
155°	350.0	344.2	338.5	332.7	330.8	328.8	323.1	319.2	313.5	307.7	301.9
157.5°	351.9	346.2	340.4	336.5	334.6	332.7	326.9	325.0	319.2	315.4	307.7
160°	353.8	348.1	342.3	340.4	338.5	336.5	332.7	328.8	325.0	321.2	315.4
162.5°	353.8	350.0	344.2	342.3	340.4	340.4	334.6	332.7	328.8	325.0	321.2
165°	353.8	350.0	346.2	344.2	344.2	342.3	338.5	336.5	332.7	330.8	326.9
167.5°	353.8	350.0	348.1	346.2	346.2	344.2	340.4	340.4	336.5	334.6	330.8
170°	351.9	350.0	348.1	346.2	346.2	346.2	342.3	342.3	340.4	338.5	334.6
172.5°	350.0	348.1	346.2	346.2	346.2	344.2	342.3	342.3	342.3	340.4	338.5
175°	348.1	346.2	344.2	344.2	344.2	344.2	342.3	342.3	342.3	342.3	340.4
177.5°	344.2	342.3	342.3	342.3	342.3	342.3	342.3	342.3	342.3	342.3	342.3
180°	340.4	340.4	340.4	340.4	340.4	340.4	340.4	340.4	340.4	340.4	340.4



TEST NUMBER: P303057

CATALOG NUMBER: CTW-F-2575-20L830-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1065.4	1065.4	1065.4	1065.4	1065.4	1065.4	1065.4	1065.4	1065.4	1065.4	1065.4
2.5°	1065.4	1059.6	1059.6	1059.6	1061.5	1063.5	1063.5	1059.6	1063.5	1069.2	1063.5
5°	1059.6	1053.8	1053.8	1055.8	1055.8	1057.7	1057.7	1053.8	1059.6	1063.5	1057.7
7.5°	1053.8	1048.1	1046.2	1048.1	1048.1	1051.9	1050.0	1046.2	1051.9	1053.8	1050.0
10°	1042.3	1036.5	1036.5	1036.5	1038.5	1040.4	1038.5	1034.6	1040.4	1042.3	1038.5
12.5°	1028.8	1021.2	1023.1	1023.1	1025.0	1025.0	1023.1	1021.2	1026.9	1028.8	1023.1
15°	1011.5	1005.8	1005.8	1005.8	1007.7	1009.6	1007.7	1003.8	1009.6	1009.6	1003.8
17.5°	992.3	988.5	986.5	986.5	988.5	990.4	988.5	982.7	990.4	990.4	986.5
20°	971.2	967.3	965.4	965.4	967.3	967.3	965.4	961.5	967.3	967.3	961.5
22.5°	948.1	942.3	940.4	942.3	944.2	942.3	940.4	936.5	944.2	940.4	936.5
25°	921.2	919.2	915.4	917.3	917.3	917.3	913.5	911.5	915.4	911.5	907.7
27.5°	896.2	890.4	888.5	890.4	888.5	888.5	884.6	882.7	886.5	882.7	878.8
30°	865.4	859.6	859.6	859.6	859.6	857.7	853.8	853.8	855.8	853.8	848.1
32.5°	834.6	828.8	826.9	830.8	828.8	826.9	823.1	823.1	823.1	819.2	813.5
35°	801.9	796.2	796.2	798.1	796.2	794.2	790.4	790.4	788.5	784.6	780.8
37.5°	767.3	763.5	761.5	765.4	763.5	761.5	755.8	757.7	753.8	751.9	748.1
40°	732.7	728.8	726.9	730.8	730.8	725.0	723.1	723.1	719.2	715.4	711.5
42.5°	696.2	692.3	694.2	696.2	696.2	688.5	688.5	686.5	684.6	680.8	676.9
45°	661.5	657.7	657.7	661.5	659.6	653.8	653.8	650.0	648.1	644.2	638.5
47.5°	625.0	621.2	623.1	623.1	623.1	617.3	617.3	613.5	611.5	607.7	603.8
50°	586.5	584.6	586.5	584.6	586.5	580.8	580.8	576.9	575.0	571.2	565.4
52.5°	548.1	548.1	548.1	550.0	548.1	542.3	542.3	538.5	534.6	532.7	528.8
55°	507.7	509.6	509.6	509.6	509.6	501.9	500.0	496.2	494.2	490.4	486.5
57.5°	467.3	469.2	467.3	467.3	467.3	463.5	461.5	459.6	455.8	451.9	450.0
60°	430.8	430.8	428.8	428.8	428.8	425.0	423.1	421.2	417.3	413.5	413.5
62.5°	392.3	392.3	390.4	390.4	388.5	386.5	384.6	382.7	378.8	376.9	375.0
65°	353.8	353.8	351.9	350.0	350.0	348.1	346.2	342.3	340.4	336.5	336.5
67.5°	317.3	315.4	313.5	313.5	313.5	309.6	307.7	303.8	301.9	300.0	300.0
70°	278.8	276.9	275.0	275.0	275.0	271.2	269.2	265.4	263.5	261.5	261.5
72.5°	240.4	238.5	238.5	236.5	234.6	232.7	230.8	228.8	225.0	225.0	223.1
75°	201.9	200.0	198.1	198.1	196.2	194.2	192.3	188.5	188.5	188.5	186.5
77.5°	163.5	161.5	161.5	159.6	159.6	155.8	153.8	155.8	150.0	150.0	148.1
80°	125.0	123.1	125.0	121.2	121.2	119.2	117.3	117.3	113.5	113.5	111.5
82.5°	88.5	86.5	88.5	86.5	84.6	82.7	82.7	80.8	76.9	76.9	75.0
85°	53.8	51.9	53.8	51.9	50.0	48.1	46.2	46.2	42.3	40.4	40.4
87.5°	23.1	19.2	19.2	17.3	17.3	15.4	15.4	15.4	11.5	11.5	9.6
90°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
92.5°	3.8	5.8	5.8	5.8	7.7	7.7	7.7	5.8	5.8	5.8	5.8
95°	7.7	9.6	11.5	11.5	11.5	13.5	13.5	13.5	13.5	11.5	11.5
97.5°	11.5	13.5	13.5	15.4	15.4	17.3	19.2	19.2	19.2	19.2	19.2
100°	19.2	17.3	19.2	21.2	21.2	21.2	21.2	23.1	23.1	25.0	25.0
102.5°	26.9	25.0	25.0	25.0	25.0	26.9	26.9	26.9	26.9	28.8	28.8
105°	36.5	32.7	30.8	30.8	30.8	32.7	34.6	34.6	32.7	32.7	32.7
107.5°	48.1	42.3	38.5	38.5	38.5	38.5	38.5	40.4	42.3	40.4	40.4
110°	61.5	53.8	50.0	48.1	46.2	44.2	44.2	46.2	48.1	50.0	50.0



TEST NUMBER: P303057

CATALOG NUMBER: CTW-F-2575-20L830-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	75.0	67.3	61.5	59.6	55.8	53.8	51.9	51.9	53.8	55.8	55.8
115°	90.4	82.7	73.1	71.2	67.3	63.5	59.6	59.6	59.6	59.6	61.5
117.5°	105.8	96.2	88.5	84.6	80.8	75.0	69.2	67.3	65.4	65.4	67.3
120°	121.2	113.5	101.9	98.1	94.2	88.5	80.8	76.9	73.1	73.1	73.1
122.5°	136.5	128.8	119.2	113.5	109.6	101.9	94.2	88.5	84.6	80.8	78.8
125°	151.9	144.2	134.6	128.8	125.0	115.4	107.7	101.9	96.2	92.3	88.5
127.5°	167.3	157.7	150.0	146.2	140.4	130.8	123.1	117.3	109.6	103.8	100.0
130°	180.8	173.1	165.4	159.6	155.8	146.2	138.5	130.8	125.0	119.2	113.5
132.5°	196.2	186.5	178.8	175.0	171.2	161.5	153.8	146.2	140.4	134.6	128.8
135°	209.6	200.0	192.3	188.5	184.6	176.9	167.3	161.5	153.8	150.0	144.2
137.5°	221.2	213.5	205.8	201.9	198.1	190.4	182.7	176.9	169.2	163.5	157.7
140°	234.6	225.0	219.2	215.4	211.5	203.8	198.1	192.3	184.6	178.8	173.1
142.5°	246.2	238.5	230.8	226.9	225.0	217.3	209.6	205.8	200.0	194.2	188.5
145°	255.8	248.1	242.3	238.5	234.6	228.8	223.1	219.2	213.5	207.7	201.9
147.5°	265.4	257.7	251.9	250.0	246.2	240.4	234.6	230.8	226.9	223.1	217.3
150°	275.0	267.3	263.5	261.5	257.7	253.8	246.2	244.2	240.4	234.6	230.8
152.5°	284.6	278.8	273.1	271.2	269.2	263.5	257.7	253.8	251.9	246.2	242.3
155°	294.2	286.5	282.7	280.8	278.8	275.0	269.2	265.4	263.5	259.6	255.8
157.5°	300.0	294.2	290.4	288.5	286.5	282.7	278.8	275.0	275.0	269.2	267.3
160°	307.7	301.9	298.1	296.2	296.2	292.3	288.5	284.6	284.6	280.8	278.8
162.5°	313.5	309.6	305.8	305.8	303.8	300.0	298.1	294.2	294.2	292.3	288.5
165°	321.2	315.4	313.5	311.5	311.5	309.6	305.8	301.9	303.8	301.9	298.1
167.5°	325.0	321.2	319.2	319.2	317.3	315.4	313.5	309.6	311.5	309.6	307.7
170°	330.8	325.0	325.0	323.1	323.1	323.1	321.2	317.3	317.3	317.3	315.4
172.5°	332.7	328.8	328.8	328.8	328.8	326.9	326.9	323.1	325.0	325.0	323.1
175°	336.5	332.7	332.7	332.7	332.7	332.7	330.8	328.8	330.8	330.8	328.8
177.5°	338.5	336.5	336.5	336.5	336.5	336.5	336.5	334.6	336.5	338.5	334.6
180°	340.4	340.4	340.4	340.4	340.4	340.4	340.4	340.4	340.4	340.4	340.4



TEST NUMBER: P303057

CATALOG NUMBER: CTW-F-2575-20L830-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	1065.4	1065.4	1065.4	1065.4	1065.4	1065.4	1065.4	1065.4
2.5°	1063.5	1063.5	1061.5	1061.5	1063.5	1057.7	1053.8	1053.8
5°	1057.7	1055.8	1055.8	1055.8	1057.7	1053.8	1050.0	1050.0
7.5°	1050.0	1048.1	1046.2	1048.1	1050.0	1046.2	1042.3	1042.3
10°	1038.5	1036.5	1034.6	1034.6	1036.5	1032.7	1030.8	1030.8
12.5°	1023.1	1019.2	1017.3	1019.2	1021.2	1017.3	1015.4	1015.4
15°	1003.8	1001.9	1001.9	1001.9	1003.8	1000.0	996.2	998.1
17.5°	984.6	982.7	980.8	982.7	982.7	978.8	975.0	975.0
20°	959.6	957.7	955.8	957.7	957.7	953.8	950.0	950.0
22.5°	932.7	930.8	928.8	930.8	930.8	926.9	923.1	923.1
25°	903.8	900.0	900.0	901.9	900.0	898.1	894.2	894.2
27.5°	875.0	871.2	871.2	873.1	871.2	865.4	863.5	861.5
30°	844.2	838.5	838.5	840.4	838.5	832.7	830.8	830.8
32.5°	809.6	805.8	807.7	807.7	805.8	800.0	798.1	798.1
35°	776.9	773.1	775.0	775.0	771.2	767.3	765.4	763.5
37.5°	742.3	740.4	742.3	740.4	738.5	732.7	730.8	730.8
40°	705.8	705.8	707.7	703.8	701.9	698.1	694.2	696.2
42.5°	671.2	669.2	671.2	669.2	667.3	663.5	659.6	659.6
45°	634.6	634.6	632.7	632.7	630.8	626.9	623.1	625.0
47.5°	598.1	598.1	598.1	596.2	594.2	590.4	588.5	588.5
50°	561.5	561.5	559.6	559.6	555.8	551.9	551.9	553.8
52.5°	525.0	523.1	523.1	521.2	521.2	517.3	513.5	513.5
55°	484.6	482.7	480.8	480.8	478.8	476.9	473.1	475.0
57.5°	448.1	444.2	446.2	442.3	442.3	438.5	436.5	436.5
60°	409.6	407.7	407.7	405.8	403.8	401.9	400.0	400.0
62.5°	373.1	369.2	369.2	367.3	367.3	365.4	363.5	363.5
65°	334.6	330.8	330.8	328.8	330.8	326.9	326.9	326.9
67.5°	296.2	294.2	294.2	292.3	292.3	290.4	288.5	290.4
70°	259.6	257.7	255.8	253.8	255.8	253.8	253.8	251.9
72.5°	221.2	219.2	219.2	219.2	217.3	215.4	215.4	215.4
75°	184.6	182.7	182.7	180.8	180.8	178.8	176.9	178.8
77.5°	148.1	146.2	144.2	144.2	144.2	142.3	144.2	142.3
80°	111.5	107.7	107.7	107.7	107.7	105.8	107.7	103.8
82.5°	75.0	71.2	71.2	71.2	69.2	69.2	69.2	67.3
85°	38.5	38.5	38.5	36.5	36.5	36.5	36.5	34.6
87.5°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
90°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
92.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
95°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
97.5°	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
100°	25.0	25.0	25.0	25.0	26.9	25.0	25.0	25.0
102.5°	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
105°	34.6	34.6	34.6	34.6	36.5	36.5	36.5	36.5
107.5°	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
110°	50.0	48.1	48.1	48.1	46.2	46.2	46.2	46.2



TEST NUMBER: P303057

CATALOG NUMBER: CTW-F-2575-20L830-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	57.7	57.7	57.7	57.7	57.7	57.7	55.8	55.8
115°	63.5	63.5	65.4	65.4	65.4	65.4	65.4	65.4
117.5°	67.3	69.2	69.2	69.2	71.2	71.2	71.2	71.2
120°	73.1	73.1	73.1	73.1	75.0	75.0	75.0	75.0
122.5°	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
125°	86.5	84.6	84.6	84.6	84.6	84.6	82.7	82.7
127.5°	96.2	94.2	92.3	92.3	90.4	90.4	88.5	88.5
130°	107.7	105.8	103.8	101.9	100.0	100.0	98.1	98.1
132.5°	123.1	119.2	117.3	115.4	113.5	111.5	109.6	109.6
135°	138.5	134.6	132.7	130.8	126.9	125.0	123.1	123.1
137.5°	153.8	150.0	148.1	146.2	142.3	140.4	138.5	138.5
140°	169.2	165.4	163.5	161.5	157.7	155.8	153.8	153.8
142.5°	182.7	178.8	178.8	176.9	173.1	171.2	169.2	169.2
145°	198.1	194.2	192.3	192.3	188.5	184.6	184.6	182.7
147.5°	211.5	209.6	207.7	205.8	203.8	200.0	200.0	198.1
150°	226.9	223.1	221.2	221.2	217.3	215.4	213.5	213.5
152.5°	240.4	236.5	234.6	234.6	232.7	230.8	228.8	228.8
155°	251.9	248.1	248.1	248.1	246.2	244.2	242.3	242.3
157.5°	263.5	261.5	259.6	259.6	259.6	255.8	255.8	255.8
160°	275.0	273.1	273.1	273.1	271.2	269.2	269.2	269.2
162.5°	286.5	284.6	284.6	284.6	282.7	280.8	280.8	280.8
165°	296.2	294.2	294.2	294.2	294.2	292.3	292.3	292.3
167.5°	305.8	303.8	303.8	303.8	303.8	301.9	301.9	301.9
170°	313.5	313.5	311.5	311.5	311.5	311.5	309.6	311.5
172.5°	321.2	321.2	319.2	319.2	321.2	319.2	317.3	319.2
175°	328.8	328.8	326.9	326.9	326.9	325.0	323.1	325.0
177.5°	336.5	334.6	334.6	334.6	334.6	332.7	328.8	328.8
180°	340.4	340.4	340.4	340.4	340.4	340.4	340.4	340.4

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