

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: P303084

Luminaire Tested: **CTW-F-2575-40L940-UNV-STD-4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303084
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-2575-40L940-UNV-STD-4
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 4000 LUMEN PACKAGE
Light Source: 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

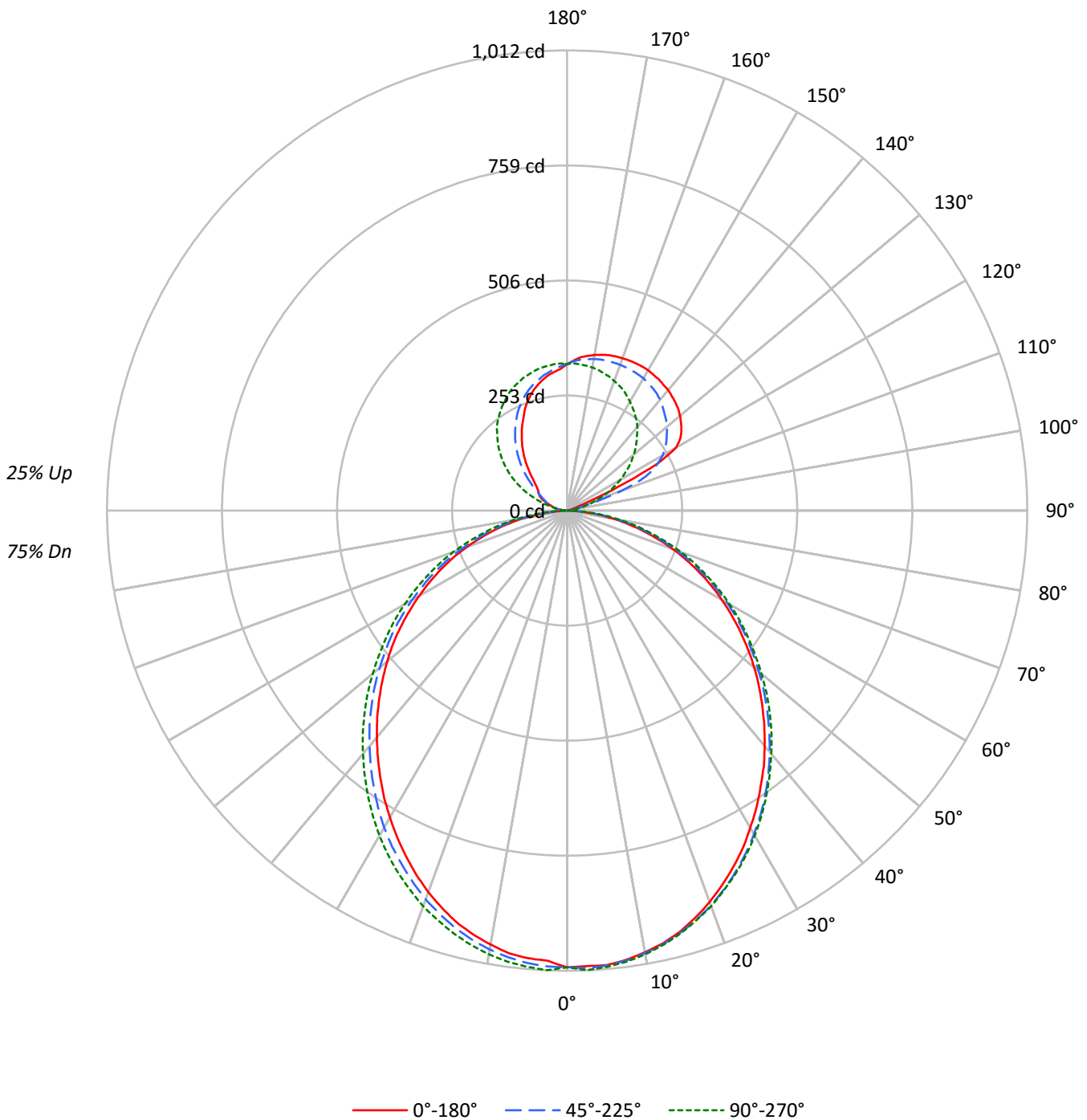
Lumens per Lamp: N/A
Luminaire Lumens: 3593.7 lumens
Efficiency: N/A
Efficacy: 103.3 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32
Luminous Opening: Rectangular (W 4' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 34.8
Input Voltage (V): 120
Input Current (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



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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°	21623	21623	21623
5°	21686	21763	21355
10°	21563	21661	21189
15°	21362	21463	20901
20°	20990	21216	20454
25°	20544	20886	19924
30°	20023	20515	19374
35°	19490	20081	18827
40°	18995	19627	18286
45°	18468	19180	17783
50°	17995	18688	17302
55°	17464	18207	16788
60°	16934	17786	16198
65°	16321	17284	15633
70°	15578	16768	14842
75°	14448	15795	13699
80°	12720	14728	12050
85°	8670	12671	7336



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.8	2.6
10°-20°	268.5	7.5
20°-30°	397.8	11.1
30°-40°	466.7	13.0
40°-50°	473.0	13.2
50°-60°	421.6	11.7
60°-70°	322.9	9.0
70°-80°	189.4	5.3
80°-90°	49.8	1.4
90°-100°	9.3	0.3
100°-110°	40.2	1.1
110°-120°	111.7	3.1
120°-130°	159.5	4.4
130°-140°	171.6	4.8
140°-150°	163.4	4.5
150°-160°	134.6	3.7
160°-170°	88.3	2.5
170°-180°	30.6	0.9
0°-30°	761.1	21.2
0°-40°	1227.8	34.2
0°-60°	2122.4	59.1
0°-90°	2684.5	74.7
90°-120°	161.2	4.5
90°-150°	655.7	18.2
90°-180°	909.0	25.3
0°-180°	3593.7	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1004	1004	1004	1004	1004	
5°	1004	1004	1007	999	988	95
15°	958	961	963	950	938	270
25°	865	877	879	860	839	398
35°	742	760	764	742	716	464
45°	607	622	630	608	584	468
55°	465	479	485	468	447	416
65°	320	331	339	321	307	317
75°	174	183	190	176	165	184
85°	35	43	51	37	30	43
90°	1	1	1	2	3	1
95°	3	3	7	12	10	3
105°	11	29	43	32	34	12
115°	125	205	104	56	62	134
125°	307	266	164	90	78	273
135°	337	302	216	144	114	260
145°	352	328	259	200	172	221
155°	357	339	292	249	227	165
165°	354	341	312	287	277	100
175°	338	333	323	313	307	33
180°	322	322	322	322	322	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1004.4	1004.4	1004.4	1004.4	1004.4	1004.4	1004.4	1004.4	1004.4	1004.4	1004.4
2.5°	1002.6	1001.7	1002.6	1001.7	1004.4	1004.4	1004.4	1003.5	1005.3	1008.9	1007.1
5°	1003.5	1002.6	1001.7	999.0	1000.8	1000.8	1000.8	999.9	1001.7	1006.2	1004.4
7.5°	996.3	996.3	995.4	993.6	995.4	995.4	994.5	993.6	995.4	999.0	998.1
10°	986.4	985.5	984.6	982.8	985.5	985.5	985.5	984.6	986.4	990.9	988.2
12.5°	974.7	972.9	972.0	970.2	972.9	972.9	972.9	972.0	973.8	978.3	976.5
15°	958.5	957.6	957.6	956.7	959.4	959.4	959.4	957.6	959.4	963.0	961.2
17.5°	938.7	937.8	939.6	938.7	940.5	940.5	940.5	938.7	939.6	945.0	944.1
20°	916.2	915.3	915.3	914.4	917.1	917.1	918.0	916.2	918.9	924.3	924.3
22.5°	891.0	891.0	891.9	891.0	892.8	893.7	892.8	891.9	894.6	900.0	901.8
25°	864.9	864.0	864.0	865.8	866.7	867.6	867.6	866.7	868.5	873.9	876.6
27.5°	837.0	835.2	837.0	837.0	838.8	839.7	840.6	840.6	842.4	846.0	850.5
30°	805.5	805.5	806.4	807.3	807.3	810.0	810.9	810.9	812.7	817.2	821.7
32.5°	774.9	774.0	775.8	776.7	777.6	779.4	779.4	780.3	781.2	785.7	792.0
35°	741.6	742.5	742.5	744.3	746.1	747.0	747.9	747.0	749.7	752.4	760.5
37.5°	710.1	709.2	709.2	710.1	712.8	713.7	714.6	714.6	716.4	720.0	727.2
40°	675.9	675.0	676.8	677.7	678.6	680.4	680.4	682.2	684.9	687.6	693.0
42.5°	641.7	640.8	642.6	643.5	645.3	646.2	646.2	648.0	650.7	654.3	657.9
45°	606.6	605.7	607.5	608.4	610.2	611.1	611.1	613.8	616.5	618.3	621.9
47.5°	572.4	571.5	572.4	574.2	576.0	576.9	576.9	578.7	580.5	584.1	586.8
50°	537.3	535.5	537.3	538.2	540.0	539.1	540.9	542.7	546.3	549.9	549.9
52.5°	501.3	499.5	501.3	502.2	504.0	504.9	504.9	505.8	510.3	513.0	514.8
55°	465.3	464.4	465.3	466.2	468.0	469.8	468.9	471.6	473.4	477.0	478.8
57.5°	429.3	428.4	429.3	430.2	432.0	432.9	432.9	435.6	436.5	439.2	443.7
60°	393.3	391.5	393.3	394.2	396.0	396.0	396.9	397.8	400.5	404.1	405.9
62.5°	357.3	357.3	357.3	357.3	359.1	359.1	361.8	362.7	362.7	366.3	369.0
65°	320.4	320.4	320.4	320.4	322.2	324.0	323.1	325.8	326.7	329.4	331.2
67.5°	284.4	283.5	284.4	284.4	286.2	287.1	287.1	288.9	289.8	290.7	295.2
70°	247.5	248.4	247.5	247.5	247.5	249.3	251.1	252.0	252.9	253.8	256.5
72.5°	209.7	208.8	209.7	209.7	209.7	211.5	212.4	214.2	214.2	216.0	217.8
75°	173.7	173.7	174.6	173.7	173.7	176.4	176.4	178.2	178.2	180.0	182.7
77.5°	137.7	139.5	138.6	138.6	138.6	140.4	140.4	142.2	143.1	144.0	146.7
80°	102.6	104.4	103.5	103.5	103.5	104.4	105.3	107.1	107.1	108.9	110.7
82.5°	68.4	68.4	69.3	69.3	69.3	70.2	72.0	72.9	72.9	74.7	76.5
85°	35.1	37.8	36.9	36.9	36.9	37.8	38.7	39.6	40.5	41.4	43.2
87.5°	7.2	8.1	8.1	7.2	9.0	8.1	9.0	9.9	9.9	10.8	12.6
90°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
92.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
95°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
97.5°	3.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.4
100°	5.4	5.4	5.4	5.4	5.4	6.3	6.3	6.3	6.3	7.2	8.1
102.5°	7.2	7.2	8.1	8.1	8.1	8.1	8.1	9.0	9.9	10.8	14.4
105°	10.8	9.9	10.8	10.8	10.8	11.7	11.7	13.5	15.3	19.8	28.8
107.5°	14.4	14.4	14.4	15.3	16.2	18.0	18.9	22.5	30.6	43.2	66.6
110°	22.5	21.6	23.4	25.2	30.6	33.3	37.8	51.3	72.9	99.0	126.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	47.7	46.8	53.1	59.4	71.1	81.9	96.3	123.3	151.2	168.3	175.5
115°	125.1	122.4	130.5	146.7	167.4	178.2	188.1	201.6	209.7	209.7	205.2
117.5°	225.9	222.3	231.3	235.8	240.3	243.9	243.9	243.9	240.3	234.0	225.0
120°	276.3	273.6	274.5	272.7	270.9	269.1	267.3	263.7	257.4	250.2	242.1
122.5°	295.2	294.3	292.5	289.8	287.1	284.4	282.6	278.1	271.8	263.7	255.6
125°	306.9	306.0	304.2	301.5	297.9	296.1	294.3	288.9	282.6	275.4	266.4
127.5°	315.9	315.9	313.2	311.4	307.8	306.0	303.3	298.8	292.5	284.4	276.3
130°	324.0	324.0	321.3	320.4	315.9	315.0	312.3	306.9	300.6	293.4	286.2
132.5°	331.2	330.3	329.4	327.6	324.0	322.2	320.4	315.9	308.7	301.5	295.2
135°	336.6	335.7	334.8	333.0	329.4	328.5	326.7	322.2	315.0	308.7	302.4
137.5°	341.1	341.1	339.3	338.4	334.8	333.9	332.1	327.6	321.3	315.9	310.5
140°	345.6	345.6	343.8	342.9	339.3	338.4	337.5	333.0	326.7	322.2	317.7
142.5°	348.3	349.2	347.4	346.5	342.9	342.0	341.1	336.6	332.1	327.6	324.0
145°	351.9	351.9	350.1	349.2	347.4	346.5	344.7	341.1	336.6	332.1	328.5
147.5°	353.7	354.6	352.8	351.9	350.1	349.2	347.4	343.8	339.3	335.7	332.1
150°	356.4	356.4	354.6	353.7	351.9	351.0	350.1	346.5	342.0	339.3	335.7
152.5°	357.3	357.3	355.5	354.6	352.8	351.9	351.0	347.4	343.8	341.1	337.5
155°	357.3	357.3	356.4	354.6	353.7	352.8	351.0	348.3	344.7	342.9	339.3
157.5°	357.3	356.4	356.4	354.6	353.7	351.9	351.0	347.4	345.6	343.8	340.2
160°	356.4	356.4	355.5	353.7	353.7	351.9	351.0	348.3	345.6	344.7	341.1
162.5°	355.5	354.6	354.6	352.8	352.8	351.9	350.1	348.3	345.6	344.7	341.1
165°	353.7	352.8	352.8	351.0	351.0	350.1	349.2	345.6	344.7	343.8	341.1
167.5°	351.0	350.1	349.2	347.4	347.4	346.5	345.6	342.9	342.0	342.0	340.2
170°	347.4	345.6	344.7	343.8	343.8	342.9	342.0	340.2	340.2	340.2	338.4
172.5°	342.9	341.1	341.1	340.2	339.3	339.3	338.4	336.6	336.6	336.6	335.7
175°	338.4	336.6	335.7	334.8	335.7	334.8	333.9	333.0	333.0	333.9	333.0
177.5°	330.3	328.5	329.4	329.4	329.4	329.4	328.5	328.5	328.5	328.5	328.5
180°	322.2	322.2	322.2	322.2	322.2	322.2	322.2	322.2	322.2	322.2	322.2



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1004.4	1004.4	1004.4	1004.4	1004.4	1004.4	1004.4	1004.4	1004.4	1004.4	1004.4
2.5°	1000.8	998.1	998.1	1001.7	1002.6	1004.4	1006.2	1009.8	1011.6	1011.6	1010.7
5°	998.1	995.4	994.5	998.1	999.0	1000.8	1002.6	1006.2	1007.1	1007.1	1006.2
7.5°	991.8	989.1	988.2	991.8	992.7	994.5	995.4	999.0	1000.8	1000.8	999.0
10°	981.9	979.2	979.2	982.8	983.7	984.6	986.4	989.1	990.9	990.9	990.0
12.5°	970.2	967.5	966.6	970.2	971.1	972.0	973.8	977.4	978.3	978.3	976.5
15°	955.8	952.2	952.2	955.8	956.7	957.6	959.4	962.1	963.0	963.0	961.2
17.5°	937.8	936.0	934.2	937.8	938.7	939.6	940.5	944.1	945.9	945.0	943.2
20°	918.0	915.3	913.5	918.0	918.9	919.8	920.7	924.3	926.1	926.1	923.4
22.5°	896.4	893.7	891.9	895.5	897.3	897.3	899.1	901.8	903.6	902.7	900.9
25°	872.1	868.5	868.5	871.2	873.0	873.0	874.8	877.5	879.3	879.3	876.6
27.5°	846.0	843.3	841.5	843.3	846.0	846.9	848.7	851.4	853.2	853.2	850.5
30°	819.0	816.3	812.7	815.4	818.1	819.0	820.8	824.4	825.3	825.3	820.8
32.5°	790.2	785.7	784.8	786.6	788.4	790.2	792.0	794.7	794.7	795.6	792.9
35°	757.8	756.0	754.2	756.0	757.8	758.7	761.4	764.1	764.1	764.1	761.4
37.5°	726.3	726.3	722.7	723.6	725.4	726.3	729.9	731.7	732.6	731.7	730.8
40°	695.7	693.0	691.2	691.2	692.1	694.8	696.6	698.4	699.3	698.4	696.6
42.5°	662.4	660.6	657.9	657.9	658.8	661.5	665.1	666.0	665.1	665.1	661.5
45°	626.4	626.4	624.6	624.6	624.6	627.3	630.9	631.8	630.9	630.0	628.2
47.5°	590.4	591.3	591.3	590.4	590.4	590.4	594.0	594.9	595.8	594.9	593.1
50°	554.4	555.3	555.3	555.3	554.4	557.1	558.0	559.8	558.9	558.0	557.1
52.5°	516.6	519.3	519.3	520.2	520.2	520.2	523.8	524.7	522.0	521.1	520.2
55°	479.7	483.3	483.3	484.2	484.2	484.2	486.9	488.7	486.0	485.1	484.2
57.5°	443.7	446.4	446.4	448.2	450.0	448.2	450.0	451.8	449.1	450.0	448.2
60°	406.8	408.6	409.5	411.3	412.2	412.2	414.0	415.8	412.2	413.1	412.2
62.5°	371.7	371.7	372.6	374.4	375.3	374.4	376.2	378.9	375.3	376.2	375.3
65°	332.1	334.8	334.8	336.6	337.5	337.5	339.3	341.1	338.4	339.3	336.6
67.5°	295.2	297.0	297.9	300.6	302.4	301.5	302.4	304.2	302.4	303.3	300.6
70°	258.3	260.1	260.1	261.0	263.7	264.6	265.5	266.4	265.5	266.4	264.6
72.5°	219.6	220.5	221.4	222.3	225.0	225.0	225.9	226.8	229.5	227.7	227.7
75°	182.7	184.5	184.5	187.2	189.0	189.0	189.9	190.8	192.6	189.9	189.9
77.5°	146.7	148.5	148.5	151.2	152.1	152.1	153.9	154.8	155.7	154.8	154.8
80°	111.6	112.5	113.4	114.3	116.1	117.0	117.9	118.8	119.7	118.8	119.7
82.5°	78.3	78.3	79.2	80.1	81.9	82.8	83.7	84.6	85.5	84.6	85.5
85°	44.1	45.9	45.9	48.6	49.5	49.5	50.4	51.3	52.2	51.3	52.2
87.5°	13.5	15.3	16.2	17.1	18.9	18.9	20.7	21.6	21.6	20.7	21.6
90°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
92.5°	1.8	1.8	1.8	2.7	2.7	2.7	3.6	3.6	3.6	2.7	3.6
95°	3.6	3.6	4.5	6.3	8.1	9.0	10.8	10.8	9.0	7.2	7.2
97.5°	6.3	7.2	10.8	15.3	17.1	19.8	21.6	19.8	16.2	13.5	12.6
100°	10.8	14.4	22.5	31.5	34.2	36.9	36.0	31.5	26.1	21.6	18.9
102.5°	19.8	30.6	45.9	54.9	56.7	56.7	52.2	45.0	37.8	31.5	27.9
105°	44.1	63.0	80.1	81.9	81.0	78.3	70.2	61.2	52.2	43.2	38.7
107.5°	90.9	107.1	112.5	107.1	104.4	99.0	89.1	78.3	66.6	57.6	50.4
110°	141.3	143.1	137.7	128.7	123.3	118.8	106.2	95.4	82.8	72.0	63.9



TEST NUMBER: P303084

CATALOG NUMBER: CTW-F-2575-40L940-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	175.5	169.2	159.3	148.5	143.1	136.8	125.1	112.5	99.0	87.3	78.3
115°	198.0	188.1	177.3	165.6	160.2	154.8	142.2	128.7	115.2	104.4	93.6
117.5°	215.1	204.3	193.5	181.8	176.4	171.0	157.5	144.9	130.5	119.7	108.9
120°	229.5	219.6	207.9	197.1	191.7	186.3	172.8	160.2	146.7	135.0	123.3
122.5°	245.7	235.8	221.4	211.5	206.1	199.8	187.2	174.6	161.1	149.4	137.7
125°	257.4	247.5	236.7	224.1	218.7	212.4	199.8	188.1	175.5	163.8	153.0
127.5°	269.1	259.2	249.3	237.6	231.3	224.1	212.4	200.7	189.0	178.2	166.5
130°	279.0	270.0	260.1	249.3	243.0	237.6	224.1	212.4	201.6	190.8	180.9
132.5°	288.9	279.9	269.1	259.2	252.9	248.4	237.6	225.0	214.2	204.3	193.5
135°	296.1	288.0	277.2	266.4	261.9	257.4	247.5	237.6	225.9	216.0	206.1
137.5°	304.2	295.2	284.4	274.5	270.0	266.4	257.4	247.5	238.5	227.7	217.8
140°	310.5	301.5	291.6	281.7	278.1	274.5	266.4	257.4	249.3	240.3	229.5
142.5°	315.9	306.9	297.0	288.0	285.3	281.7	273.6	266.4	258.3	250.2	241.2
145°	321.3	311.4	302.4	295.2	291.6	288.0	281.7	274.5	267.3	259.2	251.1
147.5°	325.8	315.9	307.8	300.6	297.9	295.2	288.0	281.7	275.4	268.2	260.1
150°	329.4	320.4	313.2	306.9	304.2	301.5	294.3	288.9	283.5	276.3	269.1
152.5°	331.2	323.1	316.8	311.4	309.6	306.9	301.5	296.1	290.7	284.4	278.1
155°	333.0	325.8	320.4	315.9	314.1	312.3	306.9	302.4	297.9	292.5	285.3
157.5°	333.9	328.5	323.1	319.5	317.7	315.9	311.4	307.8	303.3	297.9	292.5
160°	335.7	330.3	324.9	322.2	321.3	319.5	315.0	312.3	308.7	303.3	298.8
162.5°	335.7	331.2	326.7	324.9	324.0	323.1	318.6	315.9	313.2	308.7	304.2
165°	336.6	332.1	328.5	326.7	325.8	324.9	322.2	319.5	316.8	312.3	309.6
167.5°	335.7	332.1	329.4	327.6	326.7	325.8	324.0	322.2	319.5	316.8	313.2
170°	333.9	331.2	329.4	328.5	327.6	326.7	324.9	324.0	321.3	319.5	316.8
172.5°	332.1	329.4	327.6	327.6	326.7	326.7	325.8	324.9	323.1	321.3	319.5
175°	329.4	327.6	325.8	325.8	325.8	325.8	324.9	324.9	324.0	323.1	321.3
177.5°	325.8	324.0	323.1	323.1	324.0	324.0	324.0	324.0	324.0	324.0	323.1
180°	322.2	322.2	322.2	322.2	322.2	322.2	322.2	322.2	322.2	322.2	322.2



TEST NUMBER: P303084

CATALOG NUMBER: CTW-F-2575-40L940-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1004.4	1004.4	1004.4	1004.4	1004.4	1004.4	1004.4	1004.4	1004.4	1004.4	1004.4
2.5°	1004.4	998.1	998.1	999.0	1000.8	1002.6	1002.6	999.0	1003.5	1007.1	1003.5
5°	999.9	993.6	994.5	994.5	996.3	998.1	998.1	994.5	999.0	1001.7	997.2
7.5°	992.7	986.4	986.4	987.3	988.2	990.0	990.0	986.4	990.9	993.6	989.1
10°	982.8	976.5	976.5	976.5	978.3	980.1	979.2	975.6	980.1	981.9	978.3
12.5°	969.3	963.9	963.9	963.9	964.8	966.6	965.7	961.2	966.6	967.5	963.0
15°	954.0	949.5	948.6	948.6	949.5	951.3	949.5	945.0	950.4	951.3	947.7
17.5°	936.9	931.5	930.6	930.6	931.5	933.3	930.6	926.1	930.6	930.6	927.0
20°	917.1	910.8	909.9	909.9	910.8	911.7	908.1	905.4	909.9	909.0	905.4
22.5°	894.6	888.3	887.4	887.4	888.3	889.2	884.7	882.9	885.6	884.7	880.2
25°	869.4	864.9	864.0	863.1	864.9	863.1	860.4	857.7	859.5	857.7	853.2
27.5°	843.3	837.9	836.1	837.0	838.8	837.9	831.6	830.7	833.4	829.8	825.3
30°	814.5	810.0	808.2	809.1	809.1	809.1	802.8	803.7	804.6	801.9	795.6
32.5°	784.8	781.2	780.3	780.3	781.2	779.4	773.1	774.0	774.0	769.5	765.0
35°	754.2	750.6	748.8	749.7	750.6	747.0	741.6	743.4	741.6	738.0	733.5
37.5°	722.7	718.2	718.2	718.2	719.1	714.6	709.2	711.9	709.2	704.7	701.1
40°	688.5	684.9	685.8	685.8	686.7	683.1	678.6	678.6	675.9	671.4	666.9
42.5°	657.0	652.5	654.3	654.3	654.3	648.9	646.2	645.3	643.5	639.0	635.4
45°	621.9	618.3	621.0	620.1	621.0	614.7	612.9	611.1	608.4	604.8	600.3
47.5°	585.9	584.1	586.8	586.8	586.8	580.5	578.7	576.0	574.2	570.6	564.3
50°	549.9	549.9	551.7	552.6	550.8	545.4	543.6	540.0	538.2	534.6	529.2
52.5°	515.7	513.9	516.6	516.6	514.8	510.3	507.6	504.9	502.2	498.6	495.0
55°	480.6	478.8	481.5	479.7	478.8	475.2	471.6	468.9	468.0	462.6	459.0
57.5°	444.6	443.7	445.5	444.6	441.9	439.2	435.6	433.8	431.1	426.6	423.9
60°	408.6	408.6	408.6	407.7	405.9	402.3	399.6	397.8	394.2	390.6	388.8
62.5°	372.6	372.6	371.7	370.8	369.0	366.3	362.7	362.7	357.3	353.7	352.8
65°	336.6	335.7	334.8	332.1	332.1	330.3	326.7	324.0	321.3	317.7	316.8
67.5°	300.6	298.8	296.1	296.1	294.3	293.4	289.8	287.1	285.3	282.6	280.8
70°	264.6	261.9	259.2	260.1	257.4	256.5	252.9	252.0	247.5	244.8	244.8
72.5°	225.9	223.2	220.5	221.4	219.6	217.8	215.1	212.4	209.7	208.8	207.0
75°	189.9	186.3	184.5	184.5	182.7	180.9	179.1	176.4	175.5	173.7	171.9
77.5°	153.0	150.3	149.4	149.4	146.7	145.8	144.0	143.1	140.4	140.4	136.8
80°	117.9	115.2	114.3	113.4	113.4	110.7	109.8	107.1	106.2	104.4	101.7
82.5°	82.8	81.0	80.1	80.1	80.1	76.5	75.6	72.9	72.0	69.3	66.6
85°	50.4	48.6	46.8	47.7	46.8	43.2	42.3	38.7	36.9	36.0	34.2
87.5°	20.7	18.0	16.2	15.3	15.3	13.5	12.6	11.7	9.0	8.1	7.2
90°	0.9	0.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.7	2.7
92.5°	4.5	5.4	5.4	5.4	6.3	6.3	5.4	5.4	5.4	5.4	4.5
95°	8.1	9.0	10.8	10.8	11.7	12.6	12.6	11.7	11.7	11.7	10.8
97.5°	11.7	13.5	13.5	14.4	15.3	16.2	17.1	18.0	18.0	18.0	18.0
100°	18.0	17.1	18.9	19.8	19.8	19.8	20.7	21.6	22.5	23.4	23.4
102.5°	26.1	23.4	23.4	23.4	25.2	27.0	25.2	25.2	26.1	27.0	27.9
105°	34.2	31.5	29.7	29.7	29.7	31.5	33.3	32.4	31.5	32.4	32.4
107.5°	45.0	40.5	36.9	36.9	36.9	36.0	37.8	38.7	40.5	39.6	37.8
110°	56.7	51.3	46.8	44.1	44.1	43.2	43.2	44.1	45.9	46.8	47.7



TEST NUMBER: P303084

CATALOG NUMBER: CTW-F-2575-40L940-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	70.2	63.0	56.7	55.8	53.1	50.4	49.5	49.5	50.4	52.2	54.0
115°	84.6	76.5	68.4	66.6	63.9	58.5	56.7	55.8	55.8	56.7	58.5
117.5°	99.0	90.0	81.9	78.3	75.6	70.2	65.7	63.0	62.1	62.1	63.0
120°	113.4	105.3	96.3	91.8	88.2	81.9	75.6	71.1	69.3	68.4	68.4
122.5°	127.8	119.7	109.8	106.2	102.6	94.5	88.2	81.9	78.3	75.6	74.7
125°	142.2	134.1	125.1	120.6	116.1	108.0	101.7	95.4	90.0	85.5	82.8
127.5°	156.6	147.6	139.5	135.9	131.4	122.4	114.3	108.0	102.6	97.2	92.7
130°	169.2	162.0	153.9	150.3	145.8	135.9	128.7	122.4	116.1	109.8	105.3
132.5°	183.6	174.6	167.4	163.8	159.3	150.3	143.1	135.9	130.5	124.2	118.8
135°	195.3	188.1	180.0	176.4	172.8	164.7	157.5	150.3	144.0	138.6	134.1
137.5°	207.9	199.8	192.6	189.9	185.4	177.3	171.9	164.7	158.4	152.1	147.6
140°	219.6	211.5	204.3	201.6	198.0	190.8	183.6	178.2	171.9	166.5	162.0
142.5°	231.3	221.4	216.0	213.3	209.7	202.5	196.2	191.7	186.3	180.9	176.4
145°	242.1	234.9	225.9	224.1	221.4	214.2	208.8	204.3	199.8	194.4	189.9
147.5°	251.1	244.8	238.5	236.7	234.0	226.8	220.5	216.9	212.4	207.9	203.4
150°	261.0	254.7	249.3	247.5	244.8	240.3	234.0	227.7	225.0	219.6	216.0
152.5°	270.0	263.7	258.3	257.4	254.7	250.2	244.8	240.3	238.5	234.0	227.7
155°	278.1	271.8	267.3	266.4	264.6	260.1	255.6	251.1	249.3	244.8	241.2
157.5°	285.3	279.0	275.4	274.5	272.7	269.1	264.6	260.1	259.2	255.6	252.9
160°	292.5	286.2	283.5	282.6	280.8	278.1	274.5	270.0	270.0	266.4	263.7
162.5°	297.9	293.4	290.7	288.9	288.0	286.2	282.6	279.0	279.0	276.3	273.6
165°	304.2	298.8	297.0	296.1	295.2	293.4	290.7	287.1	287.1	285.3	282.6
167.5°	308.7	304.2	302.4	301.5	300.6	299.7	297.9	294.3	294.3	293.4	290.7
170°	312.3	308.7	306.9	306.0	306.0	305.1	304.2	301.5	301.5	300.6	297.9
172.5°	315.9	312.3	311.4	311.4	310.5	310.5	309.6	306.9	306.9	307.8	305.1
175°	318.6	315.0	315.0	314.1	315.0	315.0	314.1	312.3	313.2	314.1	312.3
177.5°	319.5	317.7	317.7	317.7	317.7	318.6	318.6	315.9	317.7	319.5	316.8
180°	322.2	322.2	322.2	322.2	322.2	322.2	322.2	322.2	322.2	322.2	322.2



TEST NUMBER: P303084

CATALOG NUMBER: CTW-F-2575-40L940-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	1004.4	1004.4	1004.4	1004.4	1004.4	1004.4	1004.4	1004.4
2.5°	1003.5	1001.7	1000.8	1000.8	1001.7	996.3	991.8	990.9
5°	997.2	995.4	994.5	994.5	996.3	992.7	989.1	988.2
7.5°	988.2	987.3	985.5	986.4	989.1	985.5	981.9	981.9
10°	976.5	975.6	973.8	974.7	976.5	972.9	969.3	969.3
12.5°	962.1	959.4	958.5	959.4	961.2	957.6	954.0	954.9
15°	945.0	943.2	942.3	943.2	945.0	941.4	936.9	937.8
17.5°	926.1	923.4	923.4	924.3	925.2	920.7	916.2	916.2
20°	902.7	900.0	900.0	900.9	900.9	895.5	892.8	892.8
22.5°	876.6	873.9	873.0	874.8	874.8	870.3	867.6	866.7
25°	850.5	846.0	846.0	847.8	846.9	843.3	839.7	838.8
27.5°	823.5	818.1	819.9	819.9	819.0	813.6	810.9	810.0
30°	793.8	789.3	788.4	790.2	787.5	783.0	781.2	779.4
32.5°	763.2	758.7	759.6	758.7	756.9	752.4	748.8	748.8
35°	731.7	726.3	728.1	727.2	723.6	720.9	718.2	716.4
37.5°	698.4	693.9	695.7	693.9	691.2	688.5	684.9	684.0
40°	664.2	662.4	662.4	660.6	657.9	654.3	653.4	650.7
42.5°	630.0	629.1	629.1	626.4	623.7	621.0	619.2	618.3
45°	596.7	594.0	595.8	593.1	589.5	586.8	585.0	584.1
47.5°	562.5	559.8	559.8	558.0	554.4	552.6	550.8	550.8
50°	528.3	524.7	523.8	522.9	520.2	518.4	515.7	516.6
52.5°	493.2	491.4	490.5	487.8	485.1	483.3	482.4	483.3
55°	458.1	456.3	454.5	452.7	450.0	448.2	446.4	447.3
57.5°	423.0	419.4	419.4	416.7	414.9	413.1	411.3	411.3
60°	387.0	385.2	383.4	381.6	379.8	378.0	378.0	376.2
62.5°	351.0	349.2	347.4	344.7	343.8	342.0	342.9	341.1
65°	315.0	312.3	312.3	309.6	308.7	306.9	307.8	306.9
67.5°	279.0	277.2	276.3	274.5	272.7	271.8	271.8	271.8
70°	243.0	241.2	240.3	240.3	237.6	234.9	236.7	235.8
72.5°	205.2	204.3	202.5	201.6	199.8	198.9	199.8	198.9
75°	170.1	169.2	168.3	167.4	164.7	164.7	165.6	164.7
77.5°	135.0	134.1	133.2	134.1	130.5	130.5	130.5	129.6
80°	100.8	99.9	98.1	99.0	97.2	95.4	95.4	97.2
82.5°	64.8	64.8	63.0	63.0	63.0	60.3	61.2	62.1
85°	33.3	33.3	32.4	33.3	30.6	30.6	30.6	29.7
87.5°	7.2	7.2	6.3	7.2	6.3	6.3	6.3	7.2
90°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
92.5°	4.5	4.5	4.5	5.4	4.5	4.5	4.5	4.5
95°	10.8	11.7	11.7	11.7	10.8	10.8	10.8	9.9
97.5°	18.0	18.0	18.0	18.0	17.1	17.1	17.1	16.2
100°	23.4	24.3	24.3	24.3	24.3	24.3	24.3	23.4
102.5°	28.8	28.8	28.8	29.7	29.7	29.7	29.7	28.8
105°	32.4	33.3	33.3	34.2	35.1	35.1	35.1	34.2
107.5°	38.7	38.7	38.7	38.7	38.7	39.6	38.7	38.7
110°	46.8	45.9	45.9	45.9	45.0	45.0	45.0	45.0



TEST NUMBER: P303084

CATALOG NUMBER: CTW-F-2575-40L940-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	54.9	54.9	54.9	54.9	54.9	54.0	54.0	54.0
115°	59.4	61.2	61.2	61.2	61.2	61.2	62.1	62.1
117.5°	63.9	64.8	65.7	65.7	66.6	66.6	67.5	67.5
120°	68.4	69.3	69.3	70.2	70.2	70.2	71.1	71.1
122.5°	73.8	73.8	73.8	73.8	74.7	73.8	74.7	74.7
125°	81.0	80.1	80.1	79.2	79.2	78.3	78.3	78.3
127.5°	90.0	88.2	87.3	86.4	85.5	84.6	83.7	83.7
130°	101.7	98.1	97.2	96.3	93.6	92.7	91.8	91.8
132.5°	114.3	111.6	109.8	108.0	105.3	103.5	102.6	101.7
135°	129.6	126.0	123.3	121.5	118.8	116.1	114.3	114.3
137.5°	143.1	139.5	137.7	135.9	133.2	130.5	129.6	128.7
140°	157.5	153.9	152.1	150.3	147.6	144.9	143.1	143.1
142.5°	171.0	167.4	166.5	164.7	162.0	159.3	158.4	157.5
145°	185.4	181.8	180.0	179.1	176.4	173.7	171.9	171.9
147.5°	198.9	195.3	194.4	192.6	190.8	187.2	186.3	185.4
150°	212.4	208.8	207.9	207.0	205.2	201.6	199.8	199.8
152.5°	225.0	221.4	220.5	220.5	218.7	216.0	214.2	213.3
155°	238.5	235.8	234.9	234.9	233.1	229.5	226.8	226.8
157.5°	250.2	247.5	246.6	246.6	244.8	243.0	242.1	242.1
160°	261.9	259.2	258.3	258.3	257.4	255.6	254.7	254.7
162.5°	271.8	270.0	269.1	269.1	269.1	267.3	265.5	266.4
165°	281.7	279.0	279.0	278.1	279.0	277.2	276.3	277.2
167.5°	288.9	288.0	287.1	287.1	287.1	286.2	286.2	286.2
170°	297.0	296.1	296.1	295.2	295.2	295.2	293.4	294.3
172.5°	304.2	303.3	303.3	303.3	303.3	302.4	300.6	301.5
175°	311.4	310.5	310.5	310.5	310.5	309.6	306.9	306.9
177.5°	317.7	317.7	316.8	316.8	316.8	315.0	311.4	312.3
180°	322.2	322.2	322.2	322.2	322.2	322.2	322.2	322.2

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