

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: P303082

Luminaire Tested: **CTW-F-2575-40L930-UNV-STD-4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303082
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-2575-40L930-UNV-STD-4
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 4000 LUMEN PACKAGE
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

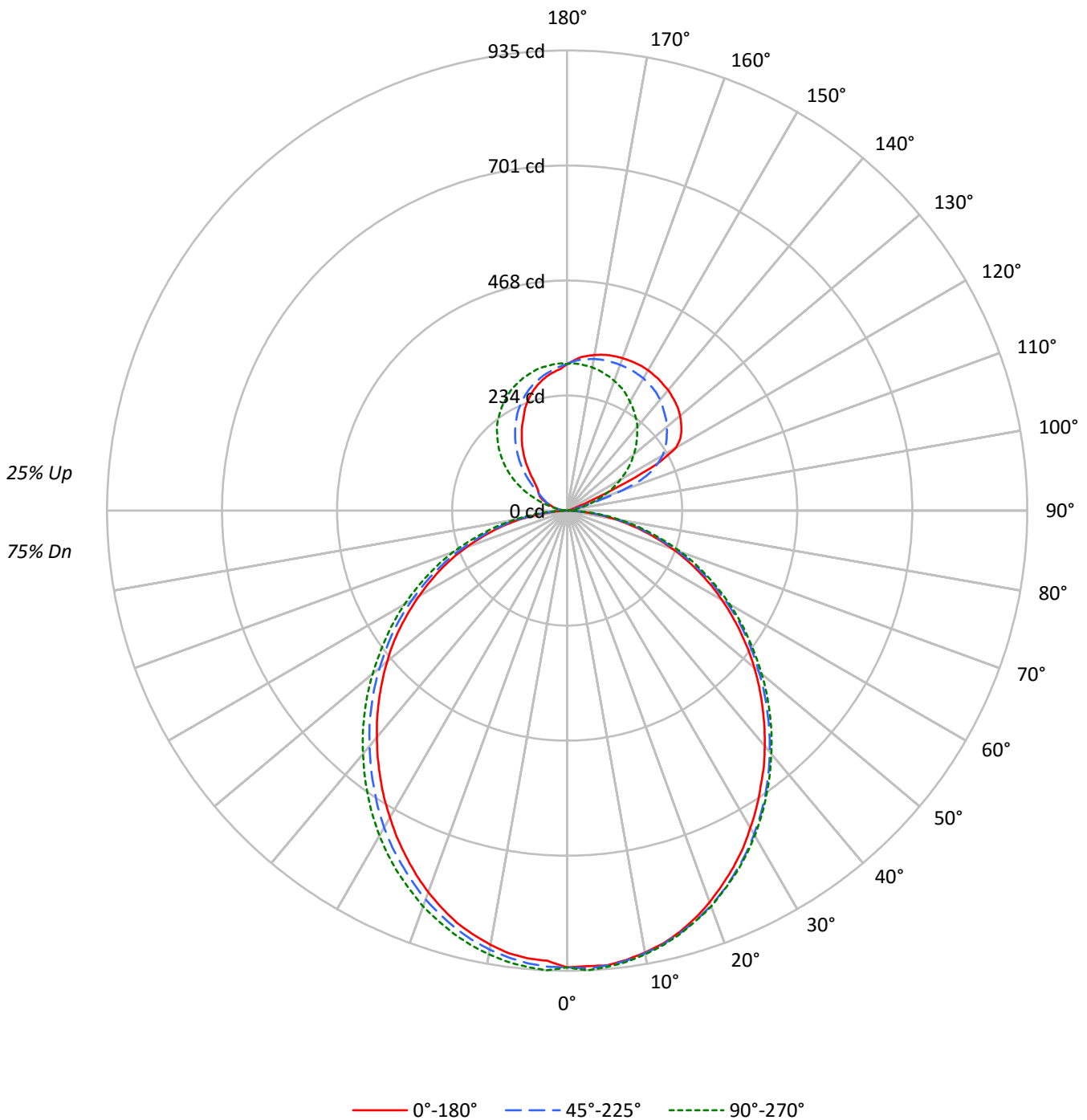
Lumens per Lamp: N/A
Luminaire Lumens: 3321.1 lumens
Efficiency: N/A
Efficacy: 95.4 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32
Luminous Opening: Rectangular (W 4' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

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°	19982	19982	19982
5°	20041	20112	19734
10°	19928	20017	19582
15°	19742	19836	19316
20°	19397	19608	18903
25°	18986	19302	18414
30°	18504	18959	17905
35°	18010	18557	17400
40°	17553	18137	16898
45°	17067	17725	16434
50°	16628	17271	15989
55°	16139	16826	15516
60°	15651	16439	14970
65°	15083	15975	14446
70°	14395	15497	13715
75°	13350	14598	12660
80°	11753	13612	11133
85°	8003	11708	6768



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.6	2.6
10°-20°	248.2	7.5
20°-30°	367.6	11.1
30°-40°	431.3	13.0
40°-50°	437.1	13.2
50°-60°	389.6	11.7
60°-70°	298.4	9.0
70°-80°	175.0	5.3
80°-90°	46.0	1.4
90°-100°	8.6	0.3
100°-110°	37.1	1.1
110°-120°	103.3	3.1
120°-130°	147.4	4.4
130°-140°	158.6	4.8
140°-150°	151.0	4.5
150°-160°	124.4	3.7
160°-170°	81.6	2.5
170°-180°	28.3	0.9
0°-30°	703.4	21.2
0°-40°	1134.7	34.2
0°-60°	1961.4	59.1
0°-90°	2480.9	74.7
90°-120°	149.0	4.5
90°-150°	605.9	18.2
90°-180°	840.0	25.3
0°-180°	3321.1	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	928	928	928	928	928	
5°	927	928	931	923	913	88
15°	886	888	890	878	867	249
25°	799	810	813	794	775	368
35°	685	703	706	685	662	429
45°	561	575	582	562	540	433
55°	430	442	448	432	413	385
65°	296	306	314	297	284	293
75°	160	169	176	162	152	170
85°	32	40	47	34	27	40
90°	1	1	1	2	2	1
95°	2	2	7	11	9	2
105°	10	27	40	29	32	11
115°	116	190	96	52	57	124
125°	284	246	151	83	72	252
135°	311	280	200	133	106	240
145°	325	304	240	185	159	204
155°	330	314	270	230	210	153
165°	327	315	289	265	256	93
175°	313	308	299	289	284	30
180°	298	298	298	298	298	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	928.2	928.2	928.2	928.2	928.2	928.2	928.2	928.2	928.2	928.2	928.2
2.5°	926.5	925.7	926.5	925.7	928.2	928.2	928.2	927.4	929.0	932.4	930.7
5°	927.4	926.5	925.7	923.2	924.9	924.9	924.9	924.1	925.7	929.9	928.2
7.5°	920.7	920.7	919.9	918.2	919.9	919.9	919.1	918.2	919.9	923.2	922.4
10°	911.6	910.7	909.9	908.3	910.7	910.7	910.7	909.9	911.6	915.7	913.2
12.5°	900.8	899.1	898.3	896.6	899.1	899.1	899.1	898.3	899.9	904.1	902.4
15°	885.8	885.0	885.0	884.1	886.6	886.6	886.6	885.0	886.6	890.0	888.3
17.5°	867.5	866.7	868.3	867.5	869.2	869.2	869.2	867.5	868.3	873.3	872.5
20°	846.7	845.9	845.9	845.0	847.5	847.5	848.4	846.7	849.2	854.2	854.2
22.5°	823.4	823.4	824.2	823.4	825.1	825.9	825.1	824.2	826.7	831.7	833.4
25°	799.3	798.5	798.5	800.1	801.0	801.8	801.8	801.0	802.6	807.6	810.1
27.5°	773.5	771.8	773.5	773.5	775.2	776.0	776.8	776.8	778.5	781.8	786.0
30°	744.4	744.4	745.2	746.1	746.1	748.6	749.4	749.4	751.1	755.2	759.4
32.5°	716.1	715.3	717.0	717.8	718.6	720.3	720.3	721.1	721.9	726.1	731.9
35°	685.3	686.2	686.2	687.8	689.5	690.3	691.2	690.3	692.8	695.3	702.8
37.5°	656.2	655.4	655.4	656.2	658.7	659.6	660.4	660.4	662.1	665.4	672.0
40°	624.6	623.8	625.5	626.3	627.1	628.8	628.8	630.5	632.9	635.4	640.4
42.5°	593.0	592.2	593.9	594.7	596.4	597.2	597.2	598.8	601.3	604.7	608.0
45°	560.6	559.8	561.4	562.3	563.9	564.7	564.7	567.2	569.7	571.4	574.7
47.5°	529.0	528.1	529.0	530.6	532.3	533.1	533.1	534.8	536.5	539.8	542.3
50°	496.5	494.9	496.5	497.4	499.0	498.2	499.9	501.5	504.9	508.2	508.2
52.5°	463.3	461.6	463.3	464.1	465.8	466.6	466.6	467.4	471.6	474.1	475.8
55°	430.0	429.2	430.0	430.8	432.5	434.2	433.3	435.8	437.5	440.8	442.5
57.5°	396.7	395.9	396.7	397.6	399.2	400.1	400.1	402.6	403.4	405.9	410.0
60°	363.5	361.8	363.5	364.3	366.0	366.0	366.8	367.6	370.1	373.4	375.1
62.5°	330.2	330.2	330.2	330.2	331.9	331.9	334.4	335.2	335.2	338.5	341.0
65°	296.1	296.1	296.1	296.1	297.8	299.4	298.6	301.1	301.9	304.4	306.1
67.5°	262.8	262.0	262.8	262.8	264.5	265.3	265.3	267.0	267.8	268.6	272.8
70°	228.7	229.6	228.7	228.7	228.7	230.4	232.1	232.9	233.7	234.5	237.0
72.5°	193.8	193.0	193.8	193.8	193.8	195.5	196.3	198.0	198.0	199.6	201.3
75°	160.5	160.5	161.4	160.5	160.5	163.0	163.0	164.7	164.7	166.3	168.8
77.5°	127.3	128.9	128.1	128.1	128.1	129.8	129.8	131.4	132.2	133.1	135.6
80°	94.8	96.5	95.6	95.6	95.6	96.5	97.3	99.0	99.0	100.6	102.3
82.5°	63.2	63.2	64.0	64.0	64.0	64.9	66.5	67.4	67.4	69.0	70.7
85°	32.4	34.9	34.1	34.1	34.1	34.9	35.8	36.6	37.4	38.3	39.9
87.5°	6.7	7.5	7.5	6.7	8.3	7.5	8.3	9.1	9.1	10.0	11.6
90°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
92.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
95°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
97.5°	3.3	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	5.0
100°	5.0	5.0	5.0	5.0	5.0	5.8	5.8	5.8	5.8	6.7	7.5
102.5°	6.7	6.7	7.5	7.5	7.5	7.5	7.5	8.3	9.1	10.0	13.3
105°	10.0	9.1	10.0	10.0	10.0	10.8	10.8	12.5	14.1	18.3	26.6
107.5°	13.3	13.3	13.3	14.1	15.0	16.6	17.5	20.8	28.3	39.9	61.5
110°	20.8	20.0	21.6	23.3	28.3	30.8	34.9	47.4	67.4	91.5	117.3



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	44.1	43.3	49.1	54.9	65.7	75.7	89.0	113.9	139.7	155.5	162.2
115°	115.6	113.1	120.6	135.6	154.7	164.7	173.8	186.3	193.8	193.8	189.6
117.5°	208.8	205.4	213.8	217.9	222.1	225.4	225.4	225.4	222.1	216.3	207.9
120°	255.3	252.8	253.7	252.0	250.4	248.7	247.0	243.7	237.9	231.2	223.7
122.5°	272.8	272.0	270.3	267.8	265.3	262.8	261.2	257.0	251.2	243.7	236.2
125°	283.6	282.8	281.1	278.6	275.3	273.6	272.0	267.0	261.2	254.5	246.2
127.5°	291.9	291.9	289.4	287.8	284.5	282.8	280.3	276.1	270.3	262.8	255.3
130°	299.4	299.4	296.9	296.1	291.9	291.1	288.6	283.6	277.8	271.1	264.5
132.5°	306.1	305.2	304.4	302.8	299.4	297.8	296.1	291.9	285.3	278.6	272.8
135°	311.1	310.2	309.4	307.7	304.4	303.6	301.9	297.8	291.1	285.3	279.5
137.5°	315.2	315.2	313.6	312.7	309.4	308.6	306.9	302.8	296.9	291.9	286.9
140°	319.4	319.4	317.7	316.9	313.6	312.7	311.9	307.7	301.9	297.8	293.6
142.5°	321.9	322.7	321.0	320.2	316.9	316.1	315.2	311.1	306.9	302.8	299.4
145°	325.2	325.2	323.5	322.7	321.0	320.2	318.6	315.2	311.1	306.9	303.6
147.5°	326.9	327.7	326.0	325.2	323.5	322.7	321.0	317.7	313.6	310.2	306.9
150°	329.4	329.4	327.7	326.9	325.2	324.4	323.5	320.2	316.1	313.6	310.2
152.5°	330.2	330.2	328.5	327.7	326.0	325.2	324.4	321.0	317.7	315.2	311.9
155°	330.2	330.2	329.4	327.7	326.9	326.0	324.4	321.9	318.6	316.9	313.6
157.5°	330.2	329.4	329.4	327.7	326.9	325.2	324.4	321.0	319.4	317.7	314.4
160°	329.4	329.4	328.5	326.9	326.9	325.2	324.4	321.9	319.4	318.6	315.2
162.5°	328.5	327.7	327.7	326.0	326.0	325.2	323.5	321.9	319.4	318.6	315.2
165°	326.9	326.0	326.0	324.4	324.4	323.5	322.7	319.4	318.6	317.7	315.2
167.5°	324.4	323.5	322.7	321.0	321.0	320.2	319.4	316.9	316.1	316.1	314.4
170°	321.0	319.4	318.6	317.7	317.7	316.9	316.1	314.4	314.4	314.4	312.7
172.5°	316.9	315.2	315.2	314.4	313.6	313.6	312.7	311.1	311.1	311.1	310.2
175°	312.7	311.1	310.2	309.4	310.2	309.4	308.6	307.7	307.7	308.6	307.7
177.5°	305.2	303.6	304.4	304.4	304.4	304.4	303.6	303.6	303.6	303.6	303.6
180°	297.8	297.8	297.8	297.8	297.8	297.8	297.8	297.8	297.8	297.8	297.8



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	928.2	928.2	928.2	928.2	928.2	928.2	928.2	928.2	928.2	928.2	928.2
2.5°	924.9	922.4	922.4	925.7	926.5	928.2	929.9	933.2	934.9	934.9	934.0
5°	922.4	919.9	919.1	922.4	923.2	924.9	926.5	929.9	930.7	930.7	929.9
7.5°	916.6	914.1	913.2	916.6	917.4	919.1	919.9	923.2	924.9	924.9	923.2
10°	907.4	904.9	904.9	908.3	909.1	909.9	911.6	914.1	915.7	915.7	914.9
12.5°	896.6	894.1	893.3	896.6	897.4	898.3	899.9	903.3	904.1	904.1	902.4
15°	883.3	880.0	880.0	883.3	884.1	885.0	886.6	889.1	890.0	890.0	888.3
17.5°	866.7	865.0	863.3	866.7	867.5	868.3	869.2	872.5	874.1	873.3	871.7
20°	848.4	845.9	844.2	848.4	849.2	850.0	850.9	854.2	855.9	855.9	853.4
22.5°	828.4	825.9	824.2	827.6	829.2	829.2	830.9	833.4	835.1	834.2	832.6
25°	805.9	802.6	802.6	805.1	806.8	806.8	808.4	810.9	812.6	812.6	810.1
27.5°	781.8	779.3	777.7	779.3	781.8	782.7	784.3	786.8	788.5	788.5	786.0
30°	756.9	754.4	751.1	753.5	756.0	756.9	758.5	761.9	762.7	762.7	758.5
32.5°	730.3	726.1	725.3	726.9	728.6	730.3	731.9	734.4	734.4	735.3	732.8
35°	700.3	698.7	697.0	698.7	700.3	701.1	703.6	706.1	706.1	706.1	703.6
37.5°	671.2	671.2	667.9	668.7	670.4	671.2	674.5	676.2	677.0	676.2	675.4
40°	642.9	640.4	638.8	638.8	639.6	642.1	643.8	645.4	646.3	645.4	643.8
42.5°	612.2	610.5	608.0	608.0	608.8	611.3	614.6	615.5	614.6	614.6	611.3
45°	578.9	578.9	577.2	577.2	577.2	579.7	583.0	583.9	583.0	582.2	580.5
47.5°	545.6	546.4	546.4	545.6	545.6	545.6	548.9	549.8	550.6	549.8	548.1
50°	512.3	513.2	513.2	513.2	512.3	514.8	515.7	517.3	516.5	515.7	514.8
52.5°	477.4	479.9	479.9	480.7	480.7	480.7	484.1	484.9	482.4	481.6	480.7
55°	443.3	446.6	446.6	447.5	447.5	447.5	450.0	451.6	449.1	448.3	447.5
57.5°	410.0	412.5	412.5	414.2	415.9	414.2	415.9	417.5	415.0	415.9	414.2
60°	375.9	377.6	378.4	380.1	380.9	380.9	382.6	384.3	380.9	381.8	380.9
62.5°	343.5	343.5	344.3	346.0	346.8	346.0	347.7	350.2	346.8	347.7	346.8
65°	306.9	309.4	309.4	311.1	311.9	311.9	313.6	315.2	312.7	313.6	311.1
67.5°	272.8	274.5	275.3	277.8	279.5	278.6	279.5	281.1	279.5	280.3	277.8
70°	238.7	240.4	240.4	241.2	243.7	244.5	245.4	246.2	245.4	246.2	244.5
72.5°	202.9	203.8	204.6	205.4	207.9	207.9	208.8	209.6	212.1	210.4	210.4
75°	168.8	170.5	170.5	173.0	174.7	174.7	175.5	176.3	178.0	175.5	175.5
77.5°	135.6	137.2	137.2	139.7	140.6	140.6	142.2	143.1	143.9	143.1	143.1
80°	103.1	104.0	104.8	105.6	107.3	108.1	109.0	109.8	110.6	109.8	110.6
82.5°	72.4	72.4	73.2	74.0	75.7	76.5	77.4	78.2	79.0	78.2	79.0
85°	40.8	42.4	42.4	44.9	45.7	45.7	46.6	47.4	48.2	47.4	48.2
87.5°	12.5	14.1	15.0	15.8	17.5	17.5	19.1	20.0	20.0	19.1	20.0
90°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
92.5°	1.7	1.7	1.7	2.5	2.5	2.5	3.3	3.3	3.3	2.5	3.3
95°	3.3	3.3	4.2	5.8	7.5	8.3	10.0	10.0	8.3	6.7	6.7
97.5°	5.8	6.7	10.0	14.1	15.8	18.3	20.0	18.3	15.0	12.5	11.6
100°	10.0	13.3	20.8	29.1	31.6	34.1	33.3	29.1	24.1	20.0	17.5
102.5°	18.3	28.3	42.4	50.7	52.4	52.4	48.2	41.6	34.9	29.1	25.8
105°	40.8	58.2	74.0	75.7	74.9	72.4	64.9	56.6	48.2	39.9	35.8
107.5°	84.0	99.0	104.0	99.0	96.5	91.5	82.3	72.4	61.5	53.2	46.6
110°	130.6	132.2	127.3	118.9	113.9	109.8	98.1	88.2	76.5	66.5	59.1



TEST NUMBER: P303082

CATALOG NUMBER: CTW-F-2575-40L930-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	162.2	156.4	147.2	137.2	132.2	126.4	115.6	104.0	91.5	80.7	72.4
115°	183.0	173.8	163.9	153.0	148.0	143.1	131.4	118.9	106.5	96.5	86.5
117.5°	198.8	188.8	178.8	168.0	163.0	158.0	145.6	133.9	120.6	110.6	100.6
120°	212.1	202.9	192.1	182.1	177.2	172.2	159.7	148.0	135.6	124.8	113.9
122.5°	227.1	217.9	204.6	195.5	190.5	184.6	173.0	161.4	148.9	138.1	127.3
125°	237.9	228.7	218.7	207.1	202.1	196.3	184.6	173.8	162.2	151.4	141.4
127.5°	248.7	239.5	230.4	219.6	213.8	207.1	196.3	185.5	174.7	164.7	153.9
130°	257.8	249.5	240.4	230.4	224.6	219.6	207.1	196.3	186.3	176.3	167.2
132.5°	267.0	258.7	248.7	239.5	233.7	229.6	219.6	207.9	198.0	188.8	178.8
135°	273.6	266.2	256.2	246.2	242.0	237.9	228.7	219.6	208.8	199.6	190.5
137.5°	281.1	272.8	262.8	253.7	249.5	246.2	237.9	228.7	220.4	210.4	201.3
140°	286.9	278.6	269.5	260.3	257.0	253.7	246.2	237.9	230.4	222.1	212.1
142.5°	291.9	283.6	274.5	266.2	263.7	260.3	252.8	246.2	238.7	231.2	222.9
145°	296.9	287.8	279.5	272.8	269.5	266.2	260.3	253.7	247.0	239.5	232.1
147.5°	301.1	291.9	284.5	277.8	275.3	272.8	266.2	260.3	254.5	247.9	240.4
150°	304.4	296.1	289.4	283.6	281.1	278.6	272.0	267.0	262.0	255.3	248.7
152.5°	306.1	298.6	292.8	287.8	286.1	283.6	278.6	273.6	268.6	262.8	257.0
155°	307.7	301.1	296.1	291.9	290.3	288.6	283.6	279.5	275.3	270.3	263.7
157.5°	308.6	303.6	298.6	295.3	293.6	291.9	287.8	284.5	280.3	275.3	270.3
160°	310.2	305.2	300.3	297.8	296.9	295.3	291.1	288.6	285.3	280.3	276.1
162.5°	310.2	306.1	301.9	300.3	299.4	298.6	294.4	291.9	289.4	285.3	281.1
165°	311.1	306.9	303.6	301.9	301.1	300.3	297.8	295.3	292.8	288.6	286.1
167.5°	310.2	306.9	304.4	302.8	301.9	301.1	299.4	297.8	295.3	292.8	289.4
170°	308.6	306.1	304.4	303.6	302.8	301.9	300.3	299.4	296.9	295.3	292.8
172.5°	306.9	304.4	302.8	302.8	301.9	301.9	301.1	300.3	298.6	296.9	295.3
175°	304.4	302.8	301.1	301.1	301.1	301.1	300.3	300.3	299.4	298.6	296.9
177.5°	301.1	299.4	298.6	298.6	299.4	299.4	299.4	299.4	299.4	299.4	298.6
180°	297.8	297.8	297.8	297.8	297.8	297.8	297.8	297.8	297.8	297.8	297.8



TEST NUMBER: P303082

CATALOG NUMBER: CTW-F-2575-40L930-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	928.2	928.2	928.2	928.2	928.2	928.2	928.2	928.2	928.2	928.2	928.2
2.5°	928.2	922.4	922.4	923.2	924.9	926.5	926.5	923.2	927.4	930.7	927.4
5°	924.1	918.2	919.1	919.1	920.7	922.4	922.4	919.1	923.2	925.7	921.6
7.5°	917.4	911.6	911.6	912.4	913.2	914.9	914.9	911.6	915.7	918.2	914.1
10°	908.3	902.4	902.4	902.4	904.1	905.8	904.9	901.6	905.8	907.4	904.1
12.5°	895.8	890.8	890.8	890.8	891.6	893.3	892.4	888.3	893.3	894.1	890.0
15°	881.6	877.5	876.6	876.6	877.5	879.1	877.5	873.3	878.3	879.1	875.8
17.5°	865.8	860.8	860.0	860.0	860.8	862.5	860.0	855.9	860.0	860.0	856.7
20°	847.5	841.7	840.9	840.9	841.7	842.5	839.2	836.7	840.9	840.0	836.7
22.5°	826.7	820.9	820.1	820.1	820.9	821.8	817.6	815.9	818.4	817.6	813.4
25°	803.5	799.3	798.5	797.6	799.3	797.6	795.1	792.6	794.3	792.6	788.5
27.5°	779.3	774.3	772.7	773.5	775.2	774.3	768.5	767.7	770.2	766.9	762.7
30°	752.7	748.6	746.9	747.7	747.7	747.7	741.9	742.7	743.6	741.1	735.3
32.5°	725.3	721.9	721.1	721.1	721.9	720.3	714.5	715.3	715.3	711.1	707.0
35°	697.0	693.7	692.0	692.8	693.7	690.3	685.3	687.0	685.3	682.0	677.9
37.5°	667.9	663.7	663.7	663.7	664.6	660.4	655.4	657.9	655.4	651.2	647.9
40°	636.3	632.9	633.8	633.8	634.6	631.3	627.1	627.1	624.6	620.5	616.3
42.5°	607.2	603.0	604.7	604.7	604.7	599.7	597.2	596.4	594.7	590.5	587.2
45°	574.7	571.4	573.9	573.1	573.9	568.1	566.4	564.7	562.3	558.9	554.8
47.5°	541.5	539.8	542.3	542.3	542.3	536.5	534.8	532.3	530.6	527.3	521.5
50°	508.2	508.2	509.9	510.7	509.0	504.0	502.4	499.0	497.4	494.0	489.1
52.5°	476.6	474.9	477.4	477.4	475.8	471.6	469.1	466.6	464.1	460.8	457.5
55°	444.1	442.5	445.0	443.3	442.5	439.2	435.8	433.3	432.5	427.5	424.2
57.5°	410.9	410.0	411.7	410.9	408.4	405.9	402.6	400.9	398.4	394.2	391.7
60°	377.6	377.6	377.6	376.8	375.1	371.8	369.3	367.6	364.3	361.0	359.3
62.5°	344.3	344.3	343.5	342.7	341.0	338.5	335.2	335.2	330.2	326.9	326.0
65°	311.1	310.2	309.4	306.9	306.9	305.2	301.9	299.4	296.9	293.6	292.8
67.5°	277.8	276.1	273.6	273.6	272.0	271.1	267.8	265.3	263.7	261.2	259.5
70°	244.5	242.0	239.5	240.4	237.9	237.0	233.7	232.9	228.7	226.2	226.2
72.5°	208.8	206.3	203.8	204.6	202.9	201.3	198.8	196.3	193.8	193.0	191.3
75°	175.5	172.2	170.5	170.5	168.8	167.2	165.5	163.0	162.2	160.5	158.9
77.5°	141.4	138.9	138.1	138.1	135.6	134.7	133.1	132.2	129.8	129.8	126.4
80°	109.0	106.5	105.6	104.8	104.8	102.3	101.5	99.0	98.1	96.5	94.0
82.5°	76.5	74.9	74.0	74.0	74.0	70.7	69.9	67.4	66.5	64.0	61.5
85°	46.6	44.9	43.3	44.1	43.3	39.9	39.1	35.8	34.1	33.3	31.6
87.5°	19.1	16.6	15.0	14.1	14.1	12.5	11.6	10.8	8.3	7.5	6.7
90°	0.8	0.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.5	2.5
92.5°	4.2	5.0	5.0	5.0	5.8	5.8	5.0	5.0	5.0	5.0	4.2
95°	7.5	8.3	10.0	10.0	10.8	11.6	11.6	10.8	10.8	10.8	10.0
97.5°	10.8	12.5	12.5	13.3	14.1	15.0	15.8	16.6	16.6	16.6	16.6
100°	16.6	15.8	17.5	18.3	18.3	18.3	19.1	20.0	20.8	21.6	21.6
102.5°	24.1	21.6	21.6	21.6	23.3	25.0	23.3	23.3	24.1	25.0	25.8
105°	31.6	29.1	27.4	27.4	27.4	29.1	30.8	29.9	29.1	29.9	29.9
107.5°	41.6	37.4	34.1	34.1	34.1	33.3	34.9	35.8	37.4	36.6	34.9
110°	52.4	47.4	43.3	40.8	40.8	39.9	39.9	40.8	42.4	43.3	44.1



TEST NUMBER: P303082

CATALOG NUMBER: CTW-F-2575-40L930-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	64.9	58.2	52.4	51.6	49.1	46.6	45.7	45.7	46.6	48.2	49.9
115°	78.2	70.7	63.2	61.5	59.1	54.1	52.4	51.6	51.6	52.4	54.1
117.5°	91.5	83.2	75.7	72.4	69.9	64.9	60.7	58.2	57.4	57.4	58.2
120°	104.8	97.3	89.0	84.8	81.5	75.7	69.9	65.7	64.0	63.2	63.2
122.5°	118.1	110.6	101.5	98.1	94.8	87.3	81.5	75.7	72.4	69.9	69.0
125°	131.4	123.9	115.6	111.5	107.3	99.8	94.0	88.2	83.2	79.0	76.5
127.5°	144.7	136.4	128.9	125.6	121.4	113.1	105.6	99.8	94.8	89.8	85.7
130°	156.4	149.7	142.2	138.9	134.7	125.6	118.9	113.1	107.3	101.5	97.3
132.5°	169.7	161.4	154.7	151.4	147.2	138.9	132.2	125.6	120.6	114.8	109.8
135°	180.5	173.8	166.3	163.0	159.7	152.2	145.6	138.9	133.1	128.1	123.9
137.5°	192.1	184.6	178.0	175.5	171.3	163.9	158.9	152.2	146.4	140.6	136.4
140°	202.9	195.5	188.8	186.3	183.0	176.3	169.7	164.7	158.9	153.9	149.7
142.5°	213.8	204.6	199.6	197.1	193.8	187.1	181.3	177.2	172.2	167.2	163.0
145°	223.7	217.1	208.8	207.1	204.6	198.0	193.0	188.8	184.6	179.7	175.5
147.5°	232.1	226.2	220.4	218.7	216.3	209.6	203.8	200.4	196.3	192.1	188.0
150°	241.2	235.4	230.4	228.7	226.2	222.1	216.3	210.4	207.9	202.9	199.6
152.5°	249.5	243.7	238.7	237.9	235.4	231.2	226.2	222.1	220.4	216.3	210.4
155°	257.0	251.2	247.0	246.2	244.5	240.4	236.2	232.1	230.4	226.2	222.9
157.5°	263.7	257.8	254.5	253.7	252.0	248.7	244.5	240.4	239.5	236.2	233.7
160°	270.3	264.5	262.0	261.2	259.5	257.0	253.7	249.5	249.5	246.2	243.7
162.5°	275.3	271.1	268.6	267.0	266.2	264.5	261.2	257.8	257.8	255.3	252.8
165°	281.1	276.1	274.5	273.6	272.8	271.1	268.6	265.3	265.3	263.7	261.2
167.5°	285.3	281.1	279.5	278.6	277.8	277.0	275.3	272.0	272.0	271.1	268.6
170°	288.6	285.3	283.6	282.8	282.8	282.0	281.1	278.6	278.6	277.8	275.3
172.5°	291.9	288.6	287.8	287.8	286.9	286.9	286.1	283.6	283.6	284.5	282.0
175°	294.4	291.1	291.1	290.3	291.1	291.1	290.3	288.6	289.4	290.3	288.6
177.5°	295.3	293.6	293.6	293.6	293.6	294.4	294.4	291.9	293.6	295.3	292.8
180°	297.8	297.8	297.8	297.8	297.8	297.8	297.8	297.8	297.8	297.8	297.8



TEST NUMBER: P303082

CATALOG NUMBER: CTW-F-2575-40L930-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	928.2	928.2	928.2	928.2	928.2	928.2	928.2	928.2
2.5°	927.4	925.7	924.9	924.9	925.7	920.7	916.6	915.7
5°	921.6	919.9	919.1	919.1	920.7	917.4	914.1	913.2
7.5°	913.2	912.4	910.7	911.6	914.1	910.7	907.4	907.4
10°	902.4	901.6	899.9	900.8	902.4	899.1	895.8	895.8
12.5°	889.1	886.6	885.8	886.6	888.3	885.0	881.6	882.5
15°	873.3	871.7	870.8	871.7	873.3	870.0	865.8	866.7
17.5°	855.9	853.4	853.4	854.2	855.0	850.9	846.7	846.7
20°	834.2	831.7	831.7	832.6	832.6	827.6	825.1	825.1
22.5°	810.1	807.6	806.8	808.4	808.4	804.3	801.8	801.0
25°	786.0	781.8	781.8	783.5	782.7	779.3	776.0	775.2
27.5°	761.0	756.0	757.7	757.7	756.9	751.9	749.4	748.6
30°	733.6	729.4	728.6	730.3	727.8	723.6	721.9	720.3
32.5°	705.3	701.1	702.0	701.1	699.5	695.3	692.0	692.0
35°	676.2	671.2	672.9	672.0	668.7	666.2	663.7	662.1
37.5°	645.4	641.3	642.9	641.3	638.8	636.3	632.9	632.1
40°	613.8	612.2	612.2	610.5	608.0	604.7	603.8	601.3
42.5°	582.2	581.4	581.4	578.9	576.4	573.9	572.2	571.4
45°	551.4	548.9	550.6	548.1	544.8	542.3	540.6	539.8
47.5°	519.8	517.3	517.3	515.7	512.3	510.7	509.0	509.0
50°	488.2	484.9	484.1	483.2	480.7	479.1	476.6	477.4
52.5°	455.8	454.1	453.3	450.8	448.3	446.6	445.8	446.6
55°	423.4	421.7	420.0	418.4	415.9	414.2	412.5	413.4
57.5°	390.9	387.6	387.6	385.1	383.4	381.8	380.1	380.1
60°	357.6	356.0	354.3	352.7	351.0	349.3	349.3	347.7
62.5°	324.4	322.7	321.0	318.6	317.7	316.1	316.9	315.2
65°	291.1	288.6	288.6	286.1	285.3	283.6	284.5	283.6
67.5°	257.8	256.2	255.3	253.7	252.0	251.2	251.2	251.2
70°	224.6	222.9	222.1	222.1	219.6	217.1	218.7	217.9
72.5°	189.6	188.8	187.1	186.3	184.6	183.8	184.6	183.8
75°	157.2	156.4	155.5	154.7	152.2	152.2	153.0	152.2
77.5°	124.8	123.9	123.1	123.9	120.6	120.6	120.6	119.8
80°	93.2	92.3	90.7	91.5	89.8	88.2	88.2	89.8
82.5°	59.9	59.9	58.2	58.2	58.2	55.7	56.6	57.4
85°	30.8	30.8	29.9	30.8	28.3	28.3	28.3	27.4
87.5°	6.7	6.7	5.8	6.7	5.8	5.8	5.8	6.7
90°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
92.5°	4.2	4.2	4.2	5.0	4.2	4.2	4.2	4.2
95°	10.0	10.8	10.8	10.8	10.0	10.0	10.0	9.1
97.5°	16.6	16.6	16.6	16.6	15.8	15.8	15.8	15.0
100°	21.6	22.5	22.5	22.5	22.5	22.5	22.5	21.6
102.5°	26.6	26.6	26.6	27.4	27.4	27.4	27.4	26.6
105°	29.9	30.8	30.8	31.6	32.4	32.4	32.4	31.6
107.5°	35.8	35.8	35.8	35.8	35.8	36.6	35.8	35.8
110°	43.3	42.4	42.4	42.4	41.6	41.6	41.6	41.6



TEST NUMBER: P303082

CATALOG NUMBER: CTW-F-2575-40L930-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	50.7	50.7	50.7	50.7	50.7	49.9	49.9	49.9
115°	54.9	56.6	56.6	56.6	56.6	56.6	57.4	57.4
117.5°	59.1	59.9	60.7	60.7	61.5	61.5	62.4	62.4
120°	63.2	64.0	64.0	64.9	64.9	64.9	65.7	65.7
122.5°	68.2	68.2	68.2	68.2	69.0	68.2	69.0	69.0
125°	74.9	74.0	74.0	73.2	73.2	72.4	72.4	72.4
127.5°	83.2	81.5	80.7	79.8	79.0	78.2	77.4	77.4
130°	94.0	90.7	89.8	89.0	86.5	85.7	84.8	84.8
132.5°	105.6	103.1	101.5	99.8	97.3	95.6	94.8	94.0
135°	119.8	116.4	113.9	112.3	109.8	107.3	105.6	105.6
137.5°	132.2	128.9	127.3	125.6	123.1	120.6	119.8	118.9
140°	145.6	142.2	140.6	138.9	136.4	133.9	132.2	132.2
142.5°	158.0	154.7	153.9	152.2	149.7	147.2	146.4	145.6
145°	171.3	168.0	166.3	165.5	163.0	160.5	158.9	158.9
147.5°	183.8	180.5	179.7	178.0	176.3	173.0	172.2	171.3
150°	196.3	193.0	192.1	191.3	189.6	186.3	184.6	184.6
152.5°	207.9	204.6	203.8	203.8	202.1	199.6	198.0	197.1
155°	220.4	217.9	217.1	217.1	215.4	212.1	209.6	209.6
157.5°	231.2	228.7	227.9	227.9	226.2	224.6	223.7	223.7
160°	242.0	239.5	238.7	238.7	237.9	236.2	235.4	235.4
162.5°	251.2	249.5	248.7	248.7	248.7	247.0	245.4	246.2
165°	260.3	257.8	257.8	257.0	257.8	256.2	255.3	256.2
167.5°	267.0	266.2	265.3	265.3	265.3	264.5	264.5	264.5
170°	274.5	273.6	273.6	272.8	272.8	272.8	271.1	272.0
172.5°	281.1	280.3	280.3	280.3	280.3	279.5	277.8	278.6
175°	287.8	286.9	286.9	286.9	286.9	286.1	283.6	283.6
177.5°	293.6	293.6	292.8	292.8	292.8	291.1	287.8	288.6
180°	297.8	297.8	297.8	297.8	297.8	297.8	297.8	297.8

(END OF REPORT)