

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: P303062

Luminaire Tested: **CTW-F-2575-20L940-UNV-STD-8**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P303062  
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-2575-20L940-UNV-STD-8  
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE  
25% UPLIGHT, 75% DOWNLIGHT, 2000 LUMEN PACKAGE  
Light Source: 4000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

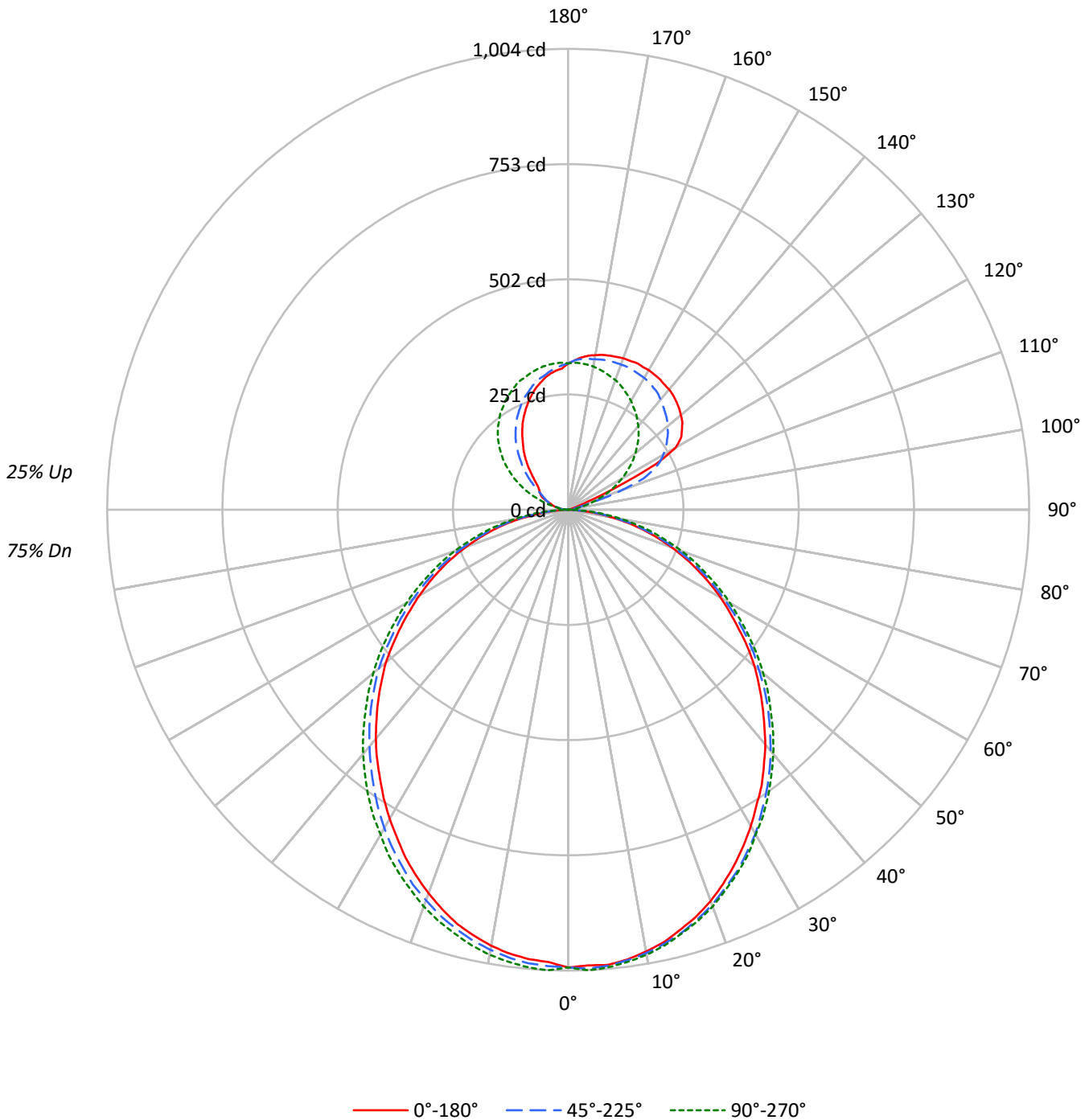
Lumens per Lamp: N/A  
Luminaire Lumens: 3561.2 lumens  
Efficiency: N/A  
Efficacy: 108.9 lumens/watt  
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32  
Luminous Opening: Rectangular (W 8' x L: 0.12' x H: 0')  
CIE Type: Semi-Direct

Input Watts (W): 32.7  
Input Voltage (V): 120  
Input Current (A<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	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°	10734	10734	10734
5°	10755	10814	10619
10°	10683	10762	10545
15°	10551	10651	10410
20°	10392	10536	10186
25°	10155	10368	9941
30°	9889	10157	9665
35°	9650	9981	9390
40°	9383	9763	9156
45°	9097	9508	8905
50°	8862	9284	8681
55°	8512	9019	8344
60°	8254	8758	8060
65°	7931	8481	7794
70°	7534	8271	7421
75°	7037	7935	6962
80°	6025	7364	6025
85°	4001	6447	4001



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	94.1	2.6
10°-20°	266.6	7.5
20°-30°	394.9	11.1
30°-40°	463.3	13.0
40°-50°	469.5	13.2
50°-60°	416.6	11.7
60°-70°	317.7	8.9
70°-80°	187.9	5.3
80°-90°	49.6	1.4
90°-100°	9.2	0.3
100°-110°	39.8	1.1
110°-120°	110.7	3.1
120°-130°	158.4	4.4
130°-140°	170.4	4.8
140°-150°	161.9	4.5
150°-160°	133.0	3.7
160°-170°	87.2	2.4
170°-180°	30.3	0.8
0°-30°	755.6	21.2
0°-40°	1218.9	34.2
0°-60°	2105.0	59.1
0°-90°	2660.2	74.7
90°-120°	159.8	4.5
90°-150°	650.6	18.3
90°-180°	901.0	25.3
0°-180°	3561.2	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	997	997	997	997	997	
5°	995	997	1001	992	983	94
15°	947	954	956	945	934	267
25°	855	869	873	857	837	394
35°	734	752	760	738	715	459
45°	598	616	625	607	585	462
55°	454	470	481	463	445	407
65°	311	322	333	319	306	308
75°	169	176	191	176	167	178
85°	32	40	52	40	32	40
90°	0	0	0	2	4	1
95°	2	4	7	13	11	2
105°	11	31	43	31	34	12
115°	115	205	104	56	61	128
125°	302	263	164	90	77	269
135°	333	299	216	144	115	257
145°	347	324	257	200	171	218
155°	353	335	288	247	227	163
165°	347	337	310	284	274	99
175°	333	329	320	310	304	32
180°	319	319	319	319	319	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	997.2	997.2	997.2	997.2	997.2	997.2	997.2	997.2	997.2	997.2	997.2
2.5°	993.6	993.6	993.6	995.4	997.2	997.2	997.2	995.4	997.2	1002.6	1000.8
5°	995.4	993.6	993.6	991.8	993.6	993.6	993.6	991.8	993.6	999.0	997.2
7.5°	988.2	988.2	988.2	986.4	988.2	986.4	986.4	984.6	988.2	991.8	990.0
10°	977.4	975.6	975.6	975.6	977.4	977.4	975.6	975.6	977.4	982.8	981.0
12.5°	964.8	964.8	964.8	963.0	964.8	964.8	964.8	963.0	964.8	970.2	968.4
15°	946.8	948.6	948.6	946.8	950.4	950.4	948.6	948.6	950.4	954.0	954.0
17.5°	928.8	928.8	928.8	928.8	932.4	930.6	930.6	930.6	932.4	936.0	936.0
20°	907.2	907.2	907.2	905.4	909.0	909.0	909.0	909.0	910.8	916.2	916.2
22.5°	882.0	882.0	882.0	882.0	883.8	883.8	883.8	883.8	885.6	891.0	892.8
25°	855.0	855.0	855.0	855.0	856.8	856.8	856.8	858.6	860.4	865.8	869.4
27.5°	826.2	828.0	828.0	828.0	828.0	829.8	829.8	831.6	833.4	837.0	842.4
30°	795.6	795.6	797.4	797.4	799.2	799.2	799.2	801.0	804.6	808.2	815.4
32.5°	763.2	765.0	766.8	766.8	768.6	768.6	770.4	770.4	774.0	775.8	783.0
35°	734.4	734.4	732.6	736.2	736.2	736.2	738.0	739.8	739.8	743.4	752.4
37.5°	700.2	702.0	700.2	703.8	705.6	703.8	705.6	707.4	709.2	711.0	720.0
40°	667.8	667.8	667.8	669.6	671.4	671.4	671.4	673.2	676.8	680.4	685.8
42.5°	631.8	633.6	633.6	635.4	637.2	635.4	637.2	640.8	642.6	646.2	649.8
45°	597.6	599.4	597.6	601.2	603.0	603.0	603.0	606.6	608.4	610.2	615.6
47.5°	563.4	565.2	563.4	565.2	568.8	568.8	568.8	570.6	574.2	576.0	579.6
50°	529.2	529.2	529.2	531.0	532.8	534.6	534.6	534.6	538.2	540.0	541.8
52.5°	493.2	493.2	493.2	496.8	496.8	496.8	498.6	500.4	502.2	505.8	507.6
55°	453.6	453.6	453.6	455.4	457.2	457.2	459.0	460.8	462.6	464.4	469.8
57.5°	417.6	419.4	417.6	419.4	421.2	421.2	424.8	424.8	426.6	428.4	432.0
60°	383.4	383.4	383.4	383.4	385.2	385.2	385.2	387.0	390.6	392.4	394.2
62.5°	347.4	347.4	347.4	349.2	349.2	349.2	351.0	352.8	354.6	356.4	358.2
65°	311.4	311.4	311.4	313.2	313.2	313.2	313.2	316.8	318.6	320.4	322.2
67.5°	275.4	275.4	275.4	277.2	277.2	277.2	279.0	280.8	282.6	284.4	286.2
70°	239.4	241.2	239.4	241.2	241.2	241.2	243.0	244.8	244.8	248.4	248.4
72.5°	203.4	203.4	203.4	205.2	205.2	207.0	207.0	208.8	208.8	210.6	212.4
75°	169.2	167.4	169.2	171.0	169.2	169.2	171.0	172.8	174.6	176.4	176.4
77.5°	133.2	133.2	133.2	135.0	136.8	135.0	136.8	138.6	138.6	142.2	140.4
80°	97.2	97.2	99.0	100.8	100.8	100.8	100.8	102.6	104.4	106.2	106.2
82.5°	63.0	64.8	64.8	66.6	66.6	66.6	68.4	68.4	70.2	72.0	72.0
85°	32.4	34.2	32.4	34.2	34.2	36.0	36.0	36.0	37.8	39.6	39.6
87.5°	7.2	5.4	5.4	7.2	5.4	7.2	7.2	7.2	7.2	9.0	12.6
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°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
95°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	3.6	3.6	3.6
97.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	5.4	5.4
100°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	7.2	7.2	7.2	9.0
102.5°	7.2	7.2	7.2	7.2	9.0	9.0	9.0	9.0	10.8	12.6	14.4
105°	10.8	10.8	10.8	10.8	10.8	10.8	12.6	14.4	16.2	21.6	30.6
107.5°	14.4	14.4	14.4	16.2	16.2	18.0	18.0	23.4	32.4	45.0	68.4
110°	21.6	23.4	23.4	27.0	30.6	34.2	37.8	52.2	72.0	100.8	124.2



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	45.0	48.6	50.4	61.2	75.6	84.6	91.8	118.8	147.6	165.6	176.4
115°	115.2	120.6	127.8	144.0	163.8	172.8	180.0	196.2	207.0	208.8	205.2
117.5°	216.0	217.8	221.4	230.4	235.8	237.6	237.6	239.4	237.6	232.2	225.0
120°	270.0	270.0	268.2	268.2	266.4	266.4	264.6	259.2	253.8	248.4	239.4
122.5°	291.6	289.8	288.0	286.2	284.4	280.8	279.0	273.6	268.2	261.0	252.0
125°	302.4	302.4	300.6	298.8	295.2	293.4	289.8	284.4	279.0	271.8	262.8
127.5°	313.2	311.4	309.6	307.8	304.2	302.4	300.6	295.2	288.0	280.8	273.6
130°	320.4	320.4	318.6	316.8	313.2	311.4	307.8	304.2	297.0	289.8	282.6
132.5°	327.6	327.6	325.8	324.0	320.4	318.6	316.8	311.4	304.2	298.8	291.6
135°	333.0	333.0	331.2	329.4	325.8	324.0	322.2	318.6	311.4	306.0	298.8
137.5°	338.4	336.6	334.8	334.8	331.2	329.4	327.6	324.0	316.8	311.4	306.0
140°	342.0	340.2	340.2	338.4	334.8	334.8	333.0	327.6	324.0	318.6	313.2
142.5°	343.8	343.8	343.8	342.0	338.4	338.4	336.6	333.0	327.6	324.0	320.4
145°	347.4	345.6	345.6	343.8	342.0	342.0	340.2	336.6	331.2	327.6	324.0
147.5°	349.2	349.2	347.4	347.4	345.6	343.8	343.8	340.2	334.8	331.2	329.4
150°	351.0	351.0	349.2	349.2	347.4	345.6	345.6	342.0	336.6	334.8	331.2
152.5°	351.0	351.0	351.0	349.2	349.2	347.4	345.6	342.0	340.2	336.6	333.0
155°	352.8	352.8	351.0	351.0	349.2	347.4	345.6	343.8	340.2	338.4	334.8
157.5°	351.0	352.8	351.0	349.2	349.2	347.4	345.6	343.8	340.2	340.2	336.6
160°	351.0	351.0	351.0	349.2	349.2	347.4	345.6	343.8	342.0	340.2	336.6
162.5°	349.2	349.2	349.2	349.2	347.4	347.4	345.6	342.0	340.2	340.2	336.6
165°	347.4	349.2	347.4	347.4	345.6	345.6	343.8	342.0	340.2	340.2	336.6
167.5°	345.6	345.6	343.8	343.8	342.0	342.0	340.2	338.4	338.4	338.4	334.8
170°	342.0	342.0	340.2	340.2	340.2	338.4	338.4	336.6	336.6	336.6	333.0
172.5°	338.4	338.4	336.6	336.6	336.6	334.8	334.8	333.0	333.0	333.0	331.2
175°	333.0	333.0	331.2	331.2	331.2	331.2	331.2	329.4	329.4	331.2	329.4
177.5°	325.8	324.0	325.8	325.8	325.8	325.8	325.8	324.0	325.8	325.8	325.8
180°	318.6	318.6	318.6	318.6	318.6	318.6	318.6	318.6	318.6	318.6	318.6



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	997.2	997.2	997.2	997.2	997.2	997.2	997.2	997.2	997.2	997.2	997.2
2.5°	993.6	991.8	990.0	993.6	995.4	997.2	999.0	1002.6	1004.4	1004.4	1002.6
5°	990.0	988.2	986.4	990.0	991.8	991.8	993.6	999.0	999.0	1000.8	999.0
7.5°	982.8	981.0	981.0	982.8	984.6	986.4	988.2	991.8	993.6	993.6	991.8
10°	973.8	972.0	972.0	973.8	975.6	977.4	977.4	981.0	982.8	984.6	982.8
12.5°	963.0	959.4	959.4	961.2	963.0	964.8	966.6	970.2	972.0	972.0	970.2
15°	946.8	943.2	943.2	946.8	948.6	950.4	950.4	954.0	955.8	955.8	955.8
17.5°	930.6	927.0	927.0	928.8	930.6	932.4	932.4	937.8	937.8	939.6	937.8
20°	910.8	907.2	907.2	909.0	910.8	912.6	912.6	916.2	918.0	919.8	918.0
22.5°	887.4	885.6	885.6	887.4	889.2	891.0	891.0	894.6	896.4	896.4	896.4
25°	864.0	860.4	860.4	862.2	864.0	865.8	867.6	871.2	873.0	873.0	871.2
27.5°	838.8	835.2	833.4	835.2	838.8	840.6	842.4	846.0	847.8	847.8	846.0
30°	811.8	806.4	804.6	808.2	811.8	813.6	813.6	817.2	819.0	817.2	817.2
32.5°	781.2	779.4	775.8	777.6	781.2	783.0	784.8	788.4	790.2	790.2	786.6
35°	752.4	748.8	747.0	747.0	750.6	752.4	754.2	756.0	757.8	759.6	757.8
37.5°	721.8	718.2	716.4	718.2	720.0	721.8	723.6	725.4	727.2	727.2	725.4
40°	689.4	685.8	684.0	685.8	685.8	687.6	691.2	693.0	696.6	694.8	691.2
42.5°	655.2	651.6	651.6	649.8	653.4	657.0	657.0	658.8	662.4	660.6	658.8
45°	621.0	619.2	617.4	619.2	617.4	621.0	624.6	624.6	626.4	624.6	624.6
47.5°	585.0	583.2	583.2	585.0	585.0	585.0	588.6	590.4	590.4	590.4	590.4
50°	549.0	547.2	549.0	550.8	550.8	550.8	552.6	554.4	554.4	554.4	552.6
52.5°	511.2	514.8	513.0	514.8	514.8	516.6	518.4	518.4	520.2	518.4	516.6
55°	471.6	475.2	477.0	478.8	480.6	478.8	480.6	482.4	484.2	480.6	480.6
57.5°	433.8	435.6	437.4	439.2	441.0	439.2	441.0	442.8	441.0	442.8	441.0
60°	397.8	399.6	399.6	403.2	405.0	403.2	405.0	406.8	406.8	406.8	405.0
62.5°	363.6	363.6	363.6	369.0	367.2	367.2	369.0	370.8	370.8	370.8	369.0
65°	325.8	327.6	327.6	329.4	331.2	331.2	331.2	333.0	334.8	333.0	333.0
67.5°	286.2	291.6	289.8	291.6	293.4	295.2	297.0	297.0	297.0	298.8	297.0
70°	252.0	253.8	253.8	257.4	259.2	259.2	261.0	261.0	262.8	262.8	261.0
72.5°	216.0	217.8	219.6	221.4	221.4	223.2	223.2	223.2	226.8	225.0	225.0
75°	180.0	181.8	183.6	185.4	185.4	187.2	187.2	187.2	189.0	190.8	189.0
77.5°	144.0	145.8	147.6	149.4	149.4	151.2	153.0	151.2	153.0	154.8	153.0
80°	109.8	111.6	111.6	113.4	115.2	115.2	117.0	117.0	117.0	118.8	117.0
82.5°	75.6	77.4	77.4	81.0	81.0	82.8	82.8	82.8	82.8	84.6	82.8
85°	43.2	45.0	45.0	46.8	48.6	48.6	50.4	50.4	50.4	52.2	50.4
87.5°	12.6	14.4	14.4	16.2	18.0	18.0	19.8	19.8	19.8	21.6	21.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
92.5°	1.8	1.8	1.8	1.8	1.8	3.6	3.6	3.6	3.6	1.8	3.6
95°	3.6	3.6	5.4	7.2	7.2	9.0	10.8	10.8	9.0	7.2	7.2
97.5°	5.4	7.2	10.8	16.2	18.0	19.8	21.6	19.8	16.2	12.6	12.6
100°	10.8	16.2	23.4	30.6	34.2	36.0	36.0	30.6	25.2	21.6	18.0
102.5°	21.6	32.4	45.0	54.0	55.8	55.8	52.2	45.0	37.8	30.6	27.0
105°	45.0	64.8	77.4	81.0	79.2	77.4	70.2	61.2	52.2	43.2	37.8
107.5°	90.0	108.0	109.8	106.2	102.6	99.0	88.2	77.4	66.6	57.6	50.4
110°	138.6	142.2	138.6	127.8	124.2	117.0	106.2	95.4	82.8	72.0	64.8





TEST NUMBER: P303062

CATALOG NUMBER: CTW-F-2575-20L940-UNV-STD-8

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	174.6	167.4	158.4	147.6	142.2	136.8	124.2	113.4	99.0	88.2	79.2
115°	198.0	187.2	176.4	165.6	158.4	153.0	140.4	129.6	115.2	104.4	93.6
117.5°	214.2	203.4	192.6	181.8	174.6	169.2	158.4	144.0	131.4	118.8	109.8
120°	228.6	219.6	207.0	196.2	190.8	185.4	172.8	160.2	145.8	135.0	124.2
122.5°	243.0	232.2	221.4	210.6	205.2	199.8	187.2	172.8	162.0	149.4	138.6
125°	253.8	244.8	234.0	223.2	217.8	212.4	199.8	187.2	174.6	163.8	153.0
127.5°	264.6	255.6	244.8	234.0	228.6	223.2	210.6	199.8	189.0	178.2	167.4
130°	275.4	266.4	255.6	244.8	239.4	234.0	223.2	212.4	201.6	190.8	180.0
132.5°	286.2	275.4	266.4	255.6	250.2	244.8	234.0	223.2	214.2	203.4	194.4
135°	293.4	284.4	273.6	264.6	259.2	253.8	244.8	234.0	225.0	216.0	207.0
137.5°	300.6	291.6	280.8	271.8	266.4	262.8	253.8	244.8	235.8	226.8	217.8
140°	306.0	297.0	288.0	279.0	273.6	271.8	262.8	253.8	246.6	237.6	228.6
142.5°	311.4	302.4	293.4	284.4	280.8	279.0	270.0	262.8	255.6	246.6	239.4
145°	316.8	307.8	298.8	291.6	288.0	284.4	277.2	270.0	264.6	257.4	248.4
147.5°	320.4	311.4	304.2	297.0	293.4	291.6	284.4	279.0	271.8	264.6	257.4
150°	324.0	315.0	309.6	302.4	300.6	297.0	289.8	284.4	279.0	273.6	266.4
152.5°	327.6	318.6	313.2	307.8	306.0	302.4	297.0	291.6	288.0	280.8	275.4
155°	327.6	322.2	316.8	311.4	309.6	307.8	302.4	298.8	293.4	288.0	282.6
157.5°	329.4	324.0	318.6	315.0	313.2	311.4	306.0	304.2	298.8	295.2	288.0
160°	331.2	325.8	320.4	318.6	316.8	315.0	311.4	307.8	304.2	300.6	295.2
162.5°	331.2	327.6	322.2	320.4	318.6	318.6	313.2	311.4	307.8	304.2	300.6
165°	331.2	327.6	324.0	322.2	322.2	320.4	316.8	315.0	311.4	309.6	306.0
167.5°	331.2	327.6	325.8	324.0	324.0	322.2	318.6	318.6	315.0	313.2	309.6
170°	329.4	327.6	325.8	324.0	324.0	324.0	320.4	320.4	318.6	316.8	313.2
172.5°	327.6	325.8	324.0	324.0	324.0	322.2	320.4	320.4	320.4	318.6	316.8
175°	325.8	324.0	322.2	322.2	322.2	322.2	320.4	320.4	320.4	320.4	318.6
177.5°	322.2	320.4	320.4	320.4	320.4	320.4	320.4	320.4	320.4	320.4	320.4
180°	318.6	318.6	318.6	318.6	318.6	318.6	318.6	318.6	318.6	318.6	318.6



TEST NUMBER: P303062

CATALOG NUMBER: CTW-F-2575-20L940-UNV-STD-8

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	997.2	997.2	997.2	997.2	997.2	997.2	997.2	997.2	997.2	997.2	997.2
2.5°	997.2	991.8	991.8	991.8	993.6	995.4	995.4	991.8	995.4	1000.8	995.4
5°	991.8	986.4	986.4	988.2	988.2	990.0	990.0	986.4	991.8	995.4	990.0
7.5°	986.4	981.0	979.2	981.0	981.0	984.6	982.8	979.2	984.6	986.4	982.8
10°	975.6	970.2	970.2	970.2	972.0	973.8	972.0	968.4	973.8	975.6	972.0
12.5°	963.0	955.8	957.6	957.6	959.4	959.4	957.6	955.8	961.2	963.0	957.6
15°	946.8	941.4	941.4	941.4	943.2	945.0	943.2	939.6	945.0	945.0	939.6
17.5°	928.8	925.2	923.4	923.4	925.2	927.0	925.2	919.8	927.0	927.0	923.4
20°	909.0	905.4	903.6	903.6	905.4	905.4	903.6	900.0	905.4	905.4	900.0
22.5°	887.4	882.0	880.2	882.0	883.8	882.0	880.2	876.6	883.8	880.2	876.6
25°	862.2	860.4	856.8	858.6	858.6	858.6	855.0	853.2	856.8	853.2	849.6
27.5°	838.8	833.4	831.6	833.4	831.6	831.6	828.0	826.2	829.8	826.2	822.6
30°	810.0	804.6	804.6	804.6	804.6	802.8	799.2	799.2	801.0	799.2	793.8
32.5°	781.2	775.8	774.0	777.6	775.8	774.0	770.4	770.4	770.4	766.8	761.4
35°	750.6	745.2	745.2	747.0	745.2	743.4	739.8	739.8	738.0	734.4	730.8
37.5°	718.2	714.6	712.8	716.4	714.6	712.8	707.4	709.2	705.6	703.8	700.2
40°	685.8	682.2	680.4	684.0	684.0	678.6	676.8	676.8	673.2	669.6	666.0
42.5°	651.6	648.0	649.8	651.6	651.6	644.4	644.4	642.6	640.8	637.2	633.6
45°	619.2	615.6	615.6	619.2	617.4	612.0	612.0	608.4	606.6	603.0	597.6
47.5°	585.0	581.4	583.2	583.2	583.2	577.8	577.8	574.2	572.4	568.8	565.2
50°	549.0	547.2	549.0	547.2	549.0	543.6	543.6	540.0	538.2	534.6	529.2
52.5°	513.0	513.0	513.0	514.8	513.0	507.6	507.6	504.0	500.4	498.6	495.0
55°	475.2	477.0	477.0	477.0	477.0	469.8	468.0	464.4	462.6	459.0	455.4
57.5°	437.4	439.2	437.4	437.4	437.4	433.8	432.0	430.2	426.6	423.0	421.2
60°	403.2	403.2	401.4	401.4	401.4	397.8	396.0	394.2	390.6	387.0	387.0
62.5°	367.2	367.2	365.4	365.4	363.6	361.8	360.0	358.2	354.6	352.8	351.0
65°	331.2	331.2	329.4	327.6	327.6	325.8	324.0	320.4	318.6	315.0	315.0
67.5°	297.0	295.2	293.4	293.4	293.4	289.8	288.0	284.4	282.6	280.8	280.8
70°	261.0	259.2	257.4	257.4	257.4	253.8	252.0	248.4	246.6	244.8	244.8
72.5°	225.0	223.2	223.2	221.4	219.6	217.8	216.0	214.2	210.6	210.6	208.8
75°	189.0	187.2	185.4	185.4	183.6	181.8	180.0	176.4	176.4	176.4	174.6
77.5°	153.0	151.2	151.2	149.4	149.4	145.8	144.0	145.8	140.4	140.4	138.6
80°	117.0	115.2	117.0	113.4	113.4	111.6	109.8	109.8	106.2	106.2	104.4
82.5°	82.8	81.0	82.8	81.0	79.2	77.4	77.4	75.6	72.0	72.0	70.2
85°	50.4	48.6	50.4	48.6	46.8	45.0	43.2	43.2	39.6	37.8	37.8
87.5°	21.6	18.0	18.0	16.2	16.2	14.4	14.4	14.4	10.8	10.8	9.0
90°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
92.5°	3.6	5.4	5.4	5.4	7.2	7.2	7.2	5.4	5.4	5.4	5.4
95°	7.2	9.0	10.8	10.8	10.8	12.6	12.6	12.6	12.6	10.8	10.8
97.5°	10.8	12.6	12.6	14.4	14.4	16.2	18.0	18.0	18.0	18.0	18.0
100°	18.0	16.2	18.0	19.8	19.8	19.8	19.8	21.6	21.6	23.4	23.4
102.5°	25.2	23.4	23.4	23.4	23.4	25.2	25.2	25.2	25.2	27.0	27.0
105°	34.2	30.6	28.8	28.8	28.8	30.6	32.4	32.4	30.6	30.6	30.6
107.5°	45.0	39.6	36.0	36.0	36.0	36.0	36.0	37.8	39.6	37.8	37.8
110°	57.6	50.4	46.8	45.0	43.2	41.4	41.4	43.2	45.0	46.8	46.8



TEST NUMBER: P303062

CATALOG NUMBER: CTW-F-2575-20L940-UNV-STD-8

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	70.2	63.0	57.6	55.8	52.2	50.4	48.6	48.6	50.4	52.2	52.2
115°	84.6	77.4	68.4	66.6	63.0	59.4	55.8	55.8	55.8	55.8	57.6
117.5°	99.0	90.0	82.8	79.2	75.6	70.2	64.8	63.0	61.2	61.2	63.0
120°	113.4	106.2	95.4	91.8	88.2	82.8	75.6	72.0	68.4	68.4	68.4
122.5°	127.8	120.6	111.6	106.2	102.6	95.4	88.2	82.8	79.2	75.6	73.8
125°	142.2	135.0	126.0	120.6	117.0	108.0	100.8	95.4	90.0	86.4	82.8
127.5°	156.6	147.6	140.4	136.8	131.4	122.4	115.2	109.8	102.6	97.2	93.6
130°	169.2	162.0	154.8	149.4	145.8	136.8	129.6	122.4	117.0	111.6	106.2
132.5°	183.6	174.6	167.4	163.8	160.2	151.2	144.0	136.8	131.4	126.0	120.6
135°	196.2	187.2	180.0	176.4	172.8	165.6	156.6	151.2	144.0	140.4	135.0
137.5°	207.0	199.8	192.6	189.0	185.4	178.2	171.0	165.6	158.4	153.0	147.6
140°	219.6	210.6	205.2	201.6	198.0	190.8	185.4	180.0	172.8	167.4	162.0
142.5°	230.4	223.2	216.0	212.4	210.6	203.4	196.2	192.6	187.2	181.8	176.4
145°	239.4	232.2	226.8	223.2	219.6	214.2	208.8	205.2	199.8	194.4	189.0
147.5°	248.4	241.2	235.8	234.0	230.4	225.0	219.6	216.0	212.4	208.8	203.4
150°	257.4	250.2	246.6	244.8	241.2	237.6	230.4	228.6	225.0	219.6	216.0
152.5°	266.4	261.0	255.6	253.8	252.0	246.6	241.2	237.6	235.8	230.4	226.8
155°	275.4	268.2	264.6	262.8	261.0	257.4	252.0	248.4	246.6	243.0	239.4
157.5°	280.8	275.4	271.8	270.0	268.2	264.6	261.0	257.4	257.4	252.0	250.2
160°	288.0	282.6	279.0	277.2	277.2	273.6	270.0	266.4	266.4	262.8	261.0
162.5°	293.4	289.8	286.2	286.2	284.4	280.8	279.0	275.4	275.4	273.6	270.0
165°	300.6	295.2	293.4	291.6	291.6	289.8	286.2	282.6	284.4	282.6	279.0
167.5°	304.2	300.6	298.8	298.8	297.0	295.2	293.4	289.8	291.6	289.8	288.0
170°	309.6	304.2	304.2	302.4	302.4	302.4	300.6	297.0	297.0	297.0	295.2
172.5°	311.4	307.8	307.8	307.8	307.8	306.0	306.0	302.4	304.2	304.2	302.4
175°	315.0	311.4	311.4	311.4	311.4	311.4	309.6	307.8	309.6	309.6	307.8
177.5°	316.8	315.0	315.0	315.0	315.0	315.0	315.0	313.2	315.0	316.8	313.2
180°	318.6	318.6	318.6	318.6	318.6	318.6	318.6	318.6	318.6	318.6	318.6



TEST NUMBER: P303062

CATALOG NUMBER: CTW-F-2575-20L940-UNV-STD-8

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	997.2	997.2	997.2	997.2	997.2	997.2	997.2	997.2
2.5°	995.4	995.4	993.6	993.6	995.4	990.0	986.4	986.4
5°	990.0	988.2	988.2	988.2	990.0	986.4	982.8	982.8
7.5°	982.8	981.0	979.2	981.0	982.8	979.2	975.6	975.6
10°	972.0	970.2	968.4	968.4	970.2	966.6	964.8	964.8
12.5°	957.6	954.0	952.2	954.0	955.8	952.2	950.4	950.4
15°	939.6	937.8	937.8	937.8	939.6	936.0	932.4	932.4
17.5°	921.6	919.8	918.0	919.8	919.8	916.2	912.6	912.6
20°	898.2	896.4	894.6	896.4	896.4	892.8	889.2	889.2
22.5°	873.0	871.2	869.4	871.2	871.2	867.6	864.0	864.0
25°	846.0	842.4	842.4	844.2	842.4	840.6	837.0	837.0
27.5°	819.0	815.4	815.4	817.2	815.4	810.0	808.2	806.4
30°	790.2	784.8	784.8	786.6	784.8	779.4	777.6	777.6
32.5°	757.8	754.2	756.0	756.0	754.2	748.8	747.0	747.0
35°	727.2	723.6	725.4	725.4	721.8	718.2	716.4	714.6
37.5°	694.8	693.0	694.8	693.0	691.2	685.8	684.0	684.0
40°	660.6	660.6	662.4	658.8	657.0	653.4	649.8	651.6
42.5°	628.2	626.4	628.2	626.4	624.6	621.0	617.4	617.4
45°	594.0	594.0	592.2	592.2	590.4	586.8	583.2	585.0
47.5°	559.8	559.8	559.8	558.0	556.2	552.6	550.8	550.8
50°	525.6	525.6	523.8	523.8	520.2	516.6	516.6	518.4
52.5°	491.4	489.6	489.6	487.8	487.8	484.2	480.6	480.6
55°	453.6	451.8	450.0	450.0	448.2	446.4	442.8	444.6
57.5°	419.4	415.8	417.6	414.0	414.0	410.4	408.6	408.6
60°	383.4	381.6	381.6	379.8	378.0	376.2	374.4	374.4
62.5°	349.2	345.6	345.6	343.8	343.8	342.0	340.2	340.2
65°	313.2	309.6	309.6	307.8	309.6	306.0	306.0	306.0
67.5°	277.2	275.4	275.4	273.6	273.6	271.8	270.0	271.8
70°	243.0	241.2	239.4	237.6	239.4	237.6	237.6	235.8
72.5°	207.0	205.2	205.2	205.2	203.4	201.6	201.6	201.6
75°	172.8	171.0	171.0	169.2	169.2	167.4	165.6	167.4
77.5°	138.6	136.8	135.0	135.0	135.0	133.2	135.0	133.2
80°	104.4	100.8	100.8	100.8	100.8	99.0	100.8	97.2
82.5°	70.2	66.6	66.6	66.6	64.8	64.8	64.8	63.0
85°	36.0	36.0	36.0	34.2	34.2	34.2	34.2	32.4
87.5°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
92.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
95°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
97.5°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
100°	23.4	23.4	23.4	23.4	25.2	23.4	23.4	23.4
102.5°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
105°	32.4	32.4	32.4	32.4	34.2	34.2	34.2	34.2
107.5°	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
110°	46.8	45.0	45.0	45.0	43.2	43.2	43.2	43.2



TEST NUMBER: P303062

CATALOG NUMBER: CTW-F-2575-20L940-UNV-STD-8

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	54.0	54.0	54.0	54.0	54.0	54.0	52.2	52.2
115°	59.4	59.4	61.2	61.2	61.2	61.2	61.2	61.2
117.5°	63.0	64.8	64.8	64.8	66.6	66.6	66.6	66.6
120°	68.4	68.4	68.4	68.4	70.2	70.2	70.2	70.2
122.5°	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
125°	81.0	79.2	79.2	79.2	79.2	79.2	77.4	77.4
127.5°	90.0	88.2	86.4	86.4	84.6	84.6	82.8	82.8
130°	100.8	99.0	97.2	95.4	93.6	93.6	91.8	91.8
132.5°	115.2	111.6	109.8	108.0	106.2	104.4	102.6	102.6
135°	129.6	126.0	124.2	122.4	118.8	117.0	115.2	115.2
137.5°	144.0	140.4	138.6	136.8	133.2	131.4	129.6	129.6
140°	158.4	154.8	153.0	151.2	147.6	145.8	144.0	144.0
142.5°	171.0	167.4	167.4	165.6	162.0	160.2	158.4	158.4
145°	185.4	181.8	180.0	180.0	176.4	172.8	172.8	171.0
147.5°	198.0	196.2	194.4	192.6	190.8	187.2	187.2	185.4
150°	212.4	208.8	207.0	207.0	203.4	201.6	199.8	199.8
152.5°	225.0	221.4	219.6	219.6	217.8	216.0	214.2	214.2
155°	235.8	232.2	232.2	232.2	230.4	228.6	226.8	226.8
157.5°	246.6	244.8	243.0	243.0	243.0	239.4	239.4	239.4
160°	257.4	255.6	255.6	255.6	253.8	252.0	252.0	252.0
162.5°	268.2	266.4	266.4	266.4	264.6	262.8	262.8	262.8
165°	277.2	275.4	275.4	275.4	275.4	273.6	273.6	273.6
167.5°	286.2	284.4	284.4	284.4	284.4	282.6	282.6	282.6
170°	293.4	293.4	291.6	291.6	291.6	291.6	289.8	291.6
172.5°	300.6	300.6	298.8	298.8	300.6	298.8	297.0	298.8
175°	307.8	307.8	306.0	306.0	306.0	304.2	302.4	304.2
177.5°	315.0	313.2	313.2	313.2	313.2	311.4	307.8	307.8
180°	318.6	318.6	318.6	318.6	318.6	318.6	318.6	318.6

(END OF REPORT)