

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: P303083

Luminaire Tested: **CTW-F-2575-40L935-UNV-STD-4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303083
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-2575-40L935-UNV-STD-4
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 4000 LUMEN PACKAGE
Light Source: 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3438.0 lumens
Efficiency: N/A
Efficacy: 98.8 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

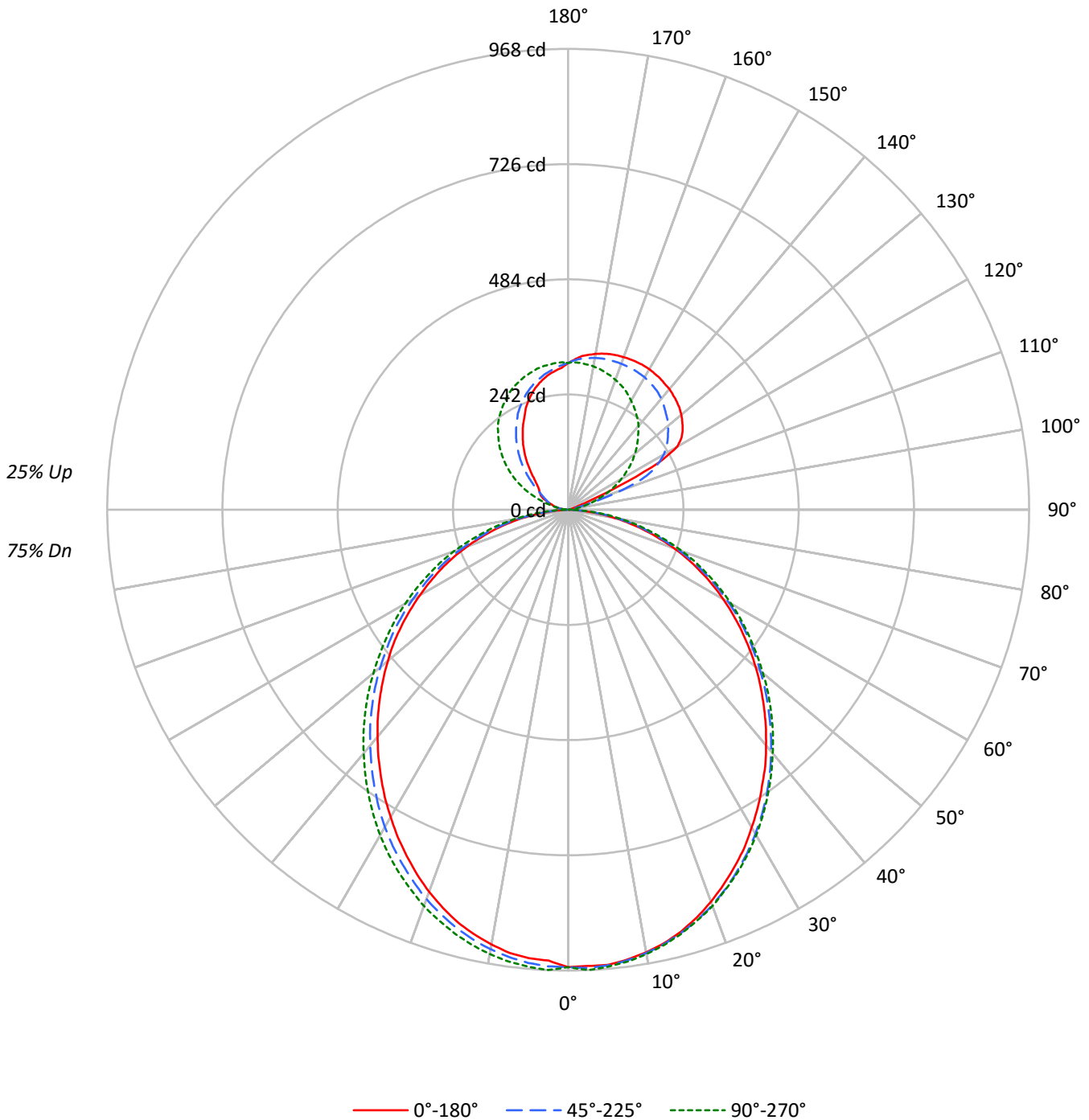
Input Watts (W): 34.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P303083

CATALOG NUMBER: CTW-F-2575-40L935-UNV-STD-4

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°	20686	20686	20686
5°	20746	20821	20430
10°	20629	20723	20271
15°	20437	20533	19996
20°	20080	20298	19567
25°	19654	19981	19062
30°	19156	19626	18534
35°	18646	19211	18013
40°	18171	18775	17494
45°	17667	18349	17013
50°	17215	17878	16551
55°	16706	17419	16060
60°	16202	17016	15496
65°	15613	16535	14956
70°	14905	16044	14200
75°	13824	15113	13109
80°	12174	14096	11530
85°	8299	12128	7015



TEST NUMBER: P303083

CATALOG NUMBER: CTW-F-2575-40L935-UNV-STD-4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.7	2.6
10°-20°	256.9	7.5
20°-30°	380.6	11.1
30°-40°	446.5	13.0
40°-50°	452.5	13.2
50°-60°	403.3	11.7
60°-70°	308.9	9.0
70°-80°	181.2	5.3
80°-90°	47.6	1.4
90°-100°	8.9	0.3
100°-110°	38.4	1.1
110°-120°	106.9	3.1
120°-130°	152.6	4.4
130°-140°	164.1	4.8
140°-150°	156.3	4.5
150°-160°	128.8	3.7
160°-170°	84.5	2.5
170°-180°	29.3	0.9
0°-30°	728.2	21.2
0°-40°	1174.6	34.2
0°-60°	2030.5	59.1
0°-90°	2568.2	74.7
90°-120°	154.2	4.5
90°-150°	627.3	18.2
90°-180°	870.0	25.3
0°-180°	3438.0	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	961	961	961	961	961	
5°	960	961	964	956	945	91
15°	917	920	921	909	897	258
25°	827	839	841	822	802	381
35°	710	728	731	710	685	444
45°	580	595	603	582	559	448
55°	445	458	464	448	428	398
65°	306	317	325	307	294	304
75°	166	175	182	168	158	176
85°	34	41	49	35	28	41
90°	1	1	1	2	3	1
95°	3	3	7	11	10	3
105°	10	28	41	30	33	12
115°	120	196	100	53	59	128
125°	294	255	157	86	75	261
135°	322	289	207	138	109	249
145°	337	314	248	191	164	211
155°	342	325	280	238	217	158
165°	338	326	299	275	265	96
175°	324	319	309	300	294	31
180°	308	308	308	308	308	



TEST NUMBER: P303083

CATALOG NUMBER: CTW-F-2575-40L935-UNV-STD-4

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	960.9	960.9	960.9	960.9	960.9	960.9	960.9	960.9	960.9	960.9	960.9
2.5°	959.2	958.3	959.2	958.3	960.9	960.9	960.9	960.0	961.7	965.2	963.5
5°	960.0	959.2	958.3	955.7	957.4	957.4	957.4	956.6	958.3	962.6	960.9
7.5°	953.1	953.1	952.3	950.5	952.3	952.3	951.4	950.5	952.3	955.7	954.8
10°	943.7	942.8	941.9	940.2	942.8	942.8	942.8	941.9	943.7	948.0	945.4
12.5°	932.5	930.7	929.9	928.2	930.7	930.7	930.7	929.9	931.6	935.9	934.2
15°	917.0	916.1	916.1	915.2	917.8	917.8	917.8	916.1	917.8	921.3	919.5
17.5°	898.0	897.2	898.9	898.0	899.7	899.7	899.7	898.0	898.9	904.1	903.2
20°	876.5	875.6	875.6	874.8	877.4	877.4	878.2	876.5	879.1	884.2	884.2
22.5°	852.4	852.4	853.3	852.4	854.1	855.0	854.1	853.3	855.8	861.0	862.7
25°	827.4	826.6	826.6	828.3	829.1	830.0	830.0	829.1	830.9	836.0	838.6
27.5°	800.7	799.0	800.7	800.7	802.5	803.3	804.2	804.2	805.9	809.3	813.6
30°	770.6	770.6	771.5	772.3	772.3	774.9	775.8	775.8	777.5	781.8	786.1
32.5°	741.3	740.5	742.2	743.0	743.9	745.6	745.6	746.5	747.3	751.7	757.7
35°	709.5	710.3	710.3	712.0	713.8	714.6	715.5	714.6	717.2	719.8	727.5
37.5°	679.3	678.5	678.5	679.3	681.9	682.8	683.6	683.6	685.4	688.8	695.7
40°	646.6	645.8	647.5	648.3	649.2	650.9	650.9	652.6	655.2	657.8	663.0
42.5°	613.9	613.0	614.8	615.6	617.3	618.2	618.2	619.9	622.5	625.9	629.4
45°	580.3	579.5	581.2	582.0	583.8	584.6	584.6	587.2	589.8	591.5	595.0
47.5°	547.6	546.7	547.6	549.3	551.0	551.9	551.9	553.6	555.3	558.8	561.4
50°	514.0	512.3	514.0	514.9	516.6	515.7	517.5	519.2	522.6	526.1	526.1
52.5°	479.6	477.9	479.6	480.4	482.2	483.0	483.0	483.9	488.2	490.8	492.5
55°	445.1	444.3	445.1	446.0	447.7	449.4	448.6	451.2	452.9	456.3	458.1
57.5°	410.7	409.8	410.7	411.6	413.3	414.1	414.1	416.7	417.6	420.2	424.5
60°	376.3	374.5	376.3	377.1	378.8	378.8	379.7	380.6	383.1	386.6	388.3
62.5°	341.8	341.8	341.8	341.8	343.5	343.5	346.1	347.0	347.0	350.4	353.0
65°	306.5	306.5	306.5	306.5	308.2	310.0	309.1	311.7	312.5	315.1	316.8
67.5°	272.1	271.2	272.1	272.1	273.8	274.7	274.7	276.4	277.2	278.1	282.4
70°	236.8	237.6	236.8	236.8	236.8	238.5	240.2	241.1	241.9	242.8	245.4
72.5°	200.6	199.8	200.6	200.6	200.6	202.3	203.2	204.9	204.9	206.6	208.4
75°	166.2	166.2	167.0	166.2	166.2	168.8	168.8	170.5	170.5	172.2	174.8
77.5°	131.7	133.5	132.6	132.6	132.6	134.3	134.3	136.0	136.9	137.8	140.3
80°	98.2	99.9	99.0	99.0	99.0	99.9	100.7	102.5	102.5	104.2	105.9
82.5°	65.4	65.4	66.3	66.3	66.3	67.2	68.9	69.7	69.7	71.5	73.2
85°	33.6	36.2	35.3	35.3	35.3	36.2	37.0	37.9	38.7	39.6	41.3
87.5°	6.9	7.7	7.7	6.9	8.6	7.7	8.6	9.5	9.5	10.3	12.1
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°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
95°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
97.5°	3.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	5.2
100°	5.2	5.2	5.2	5.2	5.2	6.0	6.0	6.0	6.0	6.9	7.7
102.5°	6.9	6.9	7.7	7.7	7.7	7.7	7.7	8.6	9.5	10.3	13.8
105°	10.3	9.5	10.3	10.3	10.3	11.2	11.2	12.9	14.6	18.9	27.6
107.5°	13.8	13.8	13.8	14.6	15.5	17.2	18.1	21.5	29.3	41.3	63.7
110°	21.5	20.7	22.4	24.1	29.3	31.9	36.2	49.1	69.7	94.7	121.4



TEST NUMBER: P303083

CATALOG NUMBER: CTW-F-2575-40L935-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	45.6	44.8	50.8	56.8	68.0	78.4	92.1	118.0	144.6	161.0	167.9
115°	119.7	117.1	124.8	140.3	160.1	170.5	179.9	192.9	200.6	200.6	196.3
117.5°	216.1	212.7	221.3	225.6	229.9	233.3	233.3	233.3	229.9	223.9	215.3
120°	264.3	261.7	262.6	260.9	259.2	257.4	255.7	252.3	246.2	239.4	231.6
122.5°	282.4	281.5	279.8	277.2	274.7	272.1	270.4	266.0	260.0	252.3	244.5
125°	293.6	292.7	291.0	288.4	285.0	283.3	281.5	276.4	270.4	263.5	254.9
127.5°	302.2	302.2	299.6	297.9	294.5	292.7	290.2	285.9	279.8	272.1	264.3
130°	310.0	310.0	307.4	306.5	302.2	301.4	298.8	293.6	287.6	280.7	273.8
132.5°	316.8	316.0	315.1	313.4	310.0	308.2	306.5	302.2	295.3	288.4	282.4
135°	322.0	321.2	320.3	318.6	315.1	314.3	312.5	308.2	301.4	295.3	289.3
137.5°	326.3	326.3	324.6	323.7	320.3	319.4	317.7	313.4	307.4	302.2	297.0
140°	330.6	330.6	328.9	328.0	324.6	323.7	322.9	318.6	312.5	308.2	303.9
142.5°	333.2	334.1	332.3	331.5	328.0	327.2	326.3	322.0	317.7	313.4	310.0
145°	336.7	336.7	334.9	334.1	332.3	331.5	329.8	326.3	322.0	317.7	314.3
147.5°	338.4	339.2	337.5	336.7	334.9	334.1	332.3	328.9	324.6	321.2	317.7
150°	341.0	341.0	339.2	338.4	336.7	335.8	334.9	331.5	327.2	324.6	321.2
152.5°	341.8	341.8	340.1	339.2	337.5	336.7	335.8	332.3	328.9	326.3	322.9
155°	341.8	341.8	341.0	339.2	338.4	337.5	335.8	333.2	329.8	328.0	324.6
157.5°	341.8	341.0	341.0	339.2	338.4	336.7	335.8	332.3	330.6	328.9	325.5
160°	341.0	341.0	340.1	338.4	338.4	336.7	335.8	333.2	330.6	329.8	326.3
162.5°	340.1	339.2	339.2	337.5	337.5	336.7	334.9	333.2	330.6	329.8	326.3
165°	338.4	337.5	337.5	335.8	335.8	334.9	334.1	330.6	329.8	328.9	326.3
167.5°	335.8	334.9	334.1	332.3	332.3	331.5	330.6	328.0	327.2	327.2	325.5
170°	332.3	330.6	329.8	328.9	328.9	328.0	327.2	325.5	325.5	325.5	323.7
172.5°	328.0	326.3	326.3	325.5	324.6	324.6	323.7	322.0	322.0	322.0	321.2
175°	323.7	322.0	321.2	320.3	321.2	320.3	319.4	318.6	318.6	319.4	318.6
177.5°	316.0	314.3	315.1	315.1	315.1	315.1	314.3	314.3	314.3	314.3	314.3
180°	308.2	308.2	308.2	308.2	308.2	308.2	308.2	308.2	308.2	308.2	308.2



TEST NUMBER: P303083

CATALOG NUMBER: CTW-F-2575-40L935-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	960.9	960.9	960.9	960.9	960.9	960.9	960.9	960.9	960.9	960.9	960.9
2.5°	957.4	954.8	954.8	958.3	959.2	960.9	962.6	966.0	967.8	967.8	966.9
5°	954.8	952.3	951.4	954.8	955.7	957.4	959.2	962.6	963.5	963.5	962.6
7.5°	948.8	946.2	945.4	948.8	949.7	951.4	952.3	955.7	957.4	957.4	955.7
10°	939.4	936.8	936.8	940.2	941.1	941.9	943.7	946.2	948.0	948.0	947.1
12.5°	928.2	925.6	924.7	928.2	929.0	929.9	931.6	935.0	935.9	935.9	934.2
15°	914.4	910.9	910.9	914.4	915.2	916.1	917.8	920.4	921.3	921.3	919.5
17.5°	897.2	895.4	893.7	897.2	898.0	898.9	899.7	903.2	904.9	904.1	902.3
20°	878.2	875.6	873.9	878.2	879.1	879.9	880.8	884.2	886.0	886.0	883.4
22.5°	857.6	855.0	853.3	856.7	858.4	858.4	860.1	862.7	864.4	863.6	861.9
25°	834.3	830.9	830.9	833.4	835.2	835.2	836.9	839.5	841.2	841.2	838.6
27.5°	809.3	806.8	805.0	806.8	809.3	810.2	811.9	814.5	816.2	816.2	813.6
30°	783.5	780.9	777.5	780.1	782.6	783.5	785.2	788.7	789.5	789.5	785.2
32.5°	756.0	751.7	750.8	752.5	754.2	756.0	757.7	760.3	760.3	761.1	758.5
35°	725.0	723.2	721.5	723.2	725.0	725.8	728.4	731.0	731.0	731.0	728.4
37.5°	694.8	694.8	691.4	692.2	694.0	694.8	698.3	700.0	700.9	700.0	699.1
40°	665.6	663.0	661.2	661.2	662.1	664.7	666.4	668.1	669.0	668.1	666.4
42.5°	633.7	632.0	629.4	629.4	630.3	632.8	636.3	637.1	636.3	636.3	632.8
45°	599.3	599.3	597.5	597.5	597.5	600.1	603.6	604.4	603.6	602.7	601.0
47.5°	564.8	565.7	565.7	564.8	564.8	564.8	568.3	569.1	570.0	569.1	567.4
50°	530.4	531.2	531.2	531.2	530.4	533.0	533.8	535.5	534.7	533.8	533.0
52.5°	494.2	496.8	496.8	497.7	497.7	497.7	501.1	502.0	499.4	498.5	497.7
55°	458.9	462.4	462.4	463.2	463.2	463.2	465.8	467.5	464.9	464.1	463.2
57.5°	424.5	427.1	427.1	428.8	430.5	428.8	430.5	432.2	429.6	430.5	428.8
60°	389.2	390.9	391.8	393.5	394.3	394.3	396.1	397.8	394.3	395.2	394.3
62.5°	355.6	355.6	356.5	358.2	359.0	358.2	359.9	362.5	359.0	359.9	359.0
65°	317.7	320.3	320.3	322.0	322.9	322.9	324.6	326.3	323.7	324.6	322.0
67.5°	282.4	284.1	285.0	287.6	289.3	288.4	289.3	291.0	289.3	290.2	287.6
70°	247.1	248.8	248.8	249.7	252.3	253.1	254.0	254.9	254.0	254.9	253.1
72.5°	210.1	210.9	211.8	212.7	215.3	215.3	216.1	217.0	219.6	217.8	217.8
75°	174.8	176.5	176.5	179.1	180.8	180.8	181.7	182.5	184.3	181.7	181.7
77.5°	140.3	142.1	142.1	144.6	145.5	145.5	147.2	148.1	149.0	148.1	148.1
80°	106.8	107.6	108.5	109.3	111.1	111.9	112.8	113.7	114.5	113.7	114.5
82.5°	74.9	74.9	75.8	76.6	78.4	79.2	80.1	80.9	81.8	80.9	81.8
85°	42.2	43.9	43.9	46.5	47.4	47.4	48.2	49.1	49.9	49.1	49.9
87.5°	12.9	14.6	15.5	16.4	18.1	18.1	19.8	20.7	20.7	19.8	20.7
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°	1.7	1.7	1.7	2.6	2.6	2.6	3.4	3.4	3.4	2.6	3.4
95°	3.4	3.4	4.3	6.0	7.7	8.6	10.3	10.3	8.6	6.9	6.9
97.5°	6.0	6.9	10.3	14.6	16.4	18.9	20.7	18.9	15.5	12.9	12.1
100°	10.3	13.8	21.5	30.1	32.7	35.3	34.4	30.1	25.0	20.7	18.1
102.5°	18.9	29.3	43.9	52.5	54.2	54.2	49.9	43.1	36.2	30.1	26.7
105°	42.2	60.3	76.6	78.4	77.5	74.9	67.2	58.5	49.9	41.3	37.0
107.5°	87.0	102.5	107.6	102.5	99.9	94.7	85.2	74.9	63.7	55.1	48.2
110°	135.2	136.9	131.7	123.1	118.0	113.7	101.6	91.3	79.2	68.9	61.1



TEST NUMBER: P303083

CATALOG NUMBER: CTW-F-2575-40L935-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	167.9	161.9	152.4	142.1	136.9	130.9	119.7	107.6	94.7	83.5	74.9
115°	189.4	179.9	169.6	158.4	153.3	148.1	136.0	123.1	110.2	99.9	89.5
117.5°	205.8	195.4	185.1	173.9	168.8	163.6	150.7	138.6	124.8	114.5	104.2
120°	219.6	210.1	198.9	188.6	183.4	178.2	165.3	153.3	140.3	129.2	118.0
122.5°	235.1	225.6	211.8	202.3	197.2	191.1	179.1	167.0	154.1	142.9	131.7
125°	246.2	236.8	226.4	214.4	209.2	203.2	191.1	179.9	167.9	156.7	146.4
127.5°	257.4	248.0	238.5	227.3	221.3	214.4	203.2	192.0	180.8	170.5	159.3
130°	266.9	258.3	248.8	238.5	232.5	227.3	214.4	203.2	192.9	182.5	173.1
132.5°	276.4	267.8	257.4	248.0	241.9	237.6	227.3	215.3	204.9	195.4	185.1
135°	283.3	275.5	265.2	254.9	250.6	246.2	236.8	227.3	216.1	206.6	197.2
137.5°	291.0	282.4	272.1	262.6	258.3	254.9	246.2	236.8	228.2	217.8	208.4
140°	297.0	288.4	279.0	269.5	266.0	262.6	254.9	246.2	238.5	229.9	219.6
142.5°	302.2	293.6	284.1	275.5	272.9	269.5	261.7	254.9	247.1	239.4	230.7
145°	307.4	297.9	289.3	282.4	279.0	275.5	269.5	262.6	255.7	248.0	240.2
147.5°	311.7	302.2	294.5	287.6	285.0	282.4	275.5	269.5	263.5	256.6	248.8
150°	315.1	306.5	299.6	293.6	291.0	288.4	281.5	276.4	271.2	264.3	257.4
152.5°	316.8	309.1	303.1	297.9	296.2	293.6	288.4	283.3	278.1	272.1	266.0
155°	318.6	311.7	306.5	302.2	300.5	298.8	293.6	289.3	285.0	279.8	272.9
157.5°	319.4	314.3	309.1	305.7	303.9	302.2	297.9	294.5	290.2	285.0	279.8
160°	321.2	316.0	310.8	308.2	307.4	305.7	301.4	298.8	295.3	290.2	285.9
162.5°	321.2	316.8	312.5	310.8	310.0	309.1	304.8	302.2	299.6	295.3	291.0
165°	322.0	317.7	314.3	312.5	311.7	310.8	308.2	305.7	303.1	298.8	296.2
167.5°	321.2	317.7	315.1	313.4	312.5	311.7	310.0	308.2	305.7	303.1	299.6
170°	319.4	316.8	315.1	314.3	313.4	312.5	310.8	310.0	307.4	305.7	303.1
172.5°	317.7	315.1	313.4	313.4	312.5	312.5	311.7	310.8	309.1	307.4	305.7
175°	315.1	313.4	311.7	311.7	311.7	311.7	310.8	310.8	310.0	309.1	307.4
177.5°	311.7	310.0	309.1	309.1	310.0	310.0	310.0	310.0	310.0	310.0	309.1
180°	308.2	308.2	308.2	308.2	308.2	308.2	308.2	308.2	308.2	308.2	308.2



TEST NUMBER: P303083

CATALOG NUMBER: CTW-F-2575-40L935-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	960.9	960.9	960.9	960.9	960.9	960.9	960.9	960.9	960.9	960.9	960.9
2.5°	960.9	954.8	954.8	955.7	957.4	959.2	959.2	955.7	960.0	963.5	960.0
5°	956.6	950.5	951.4	951.4	953.1	954.8	954.8	951.4	955.7	958.3	954.0
7.5°	949.7	943.7	943.7	944.5	945.4	947.1	947.1	943.7	948.0	950.5	946.2
10°	940.2	934.2	934.2	934.2	935.9	937.6	936.8	933.3	937.6	939.4	935.9
12.5°	927.3	922.1	922.1	922.1	923.0	924.7	923.9	919.5	924.7	925.6	921.3
15°	912.7	908.4	907.5	907.5	908.4	910.1	908.4	904.1	909.2	910.1	906.6
17.5°	896.3	891.1	890.3	890.3	891.1	892.9	890.3	886.0	890.3	890.3	886.8
20°	877.4	871.3	870.5	870.5	871.3	872.2	868.7	866.2	870.5	869.6	866.2
22.5°	855.8	849.8	848.9	848.9	849.8	850.7	846.4	844.6	847.2	846.4	842.1
25°	831.7	827.4	826.6	825.7	827.4	825.7	823.1	820.5	822.3	820.5	816.2
27.5°	806.8	801.6	799.9	800.7	802.5	801.6	795.6	794.7	797.3	793.8	789.5
30°	779.2	774.9	773.2	774.0	774.0	774.0	768.0	768.9	769.7	767.2	761.1
32.5°	750.8	747.3	746.5	746.5	747.3	745.6	739.6	740.5	740.5	736.2	731.9
35°	721.5	718.1	716.4	717.2	718.1	714.6	709.5	711.2	709.5	706.0	701.7
37.5°	691.4	687.1	687.1	687.1	687.9	683.6	678.5	681.1	678.5	674.2	670.7
40°	658.7	655.2	656.1	656.1	656.9	653.5	649.2	649.2	646.6	642.3	638.0
42.5°	628.5	624.2	625.9	625.9	625.9	620.8	618.2	617.3	615.6	611.3	607.9
45°	595.0	591.5	594.1	593.2	594.1	588.1	586.3	584.6	582.0	578.6	574.3
47.5°	560.5	558.8	561.4	561.4	561.4	555.3	553.6	551.0	549.3	545.9	539.8
50°	526.1	526.1	527.8	528.7	526.9	521.8	520.0	516.6	514.9	511.4	506.3
52.5°	493.4	491.6	494.2	494.2	492.5	488.2	485.6	483.0	480.4	477.0	473.6
55°	459.8	458.1	460.6	458.9	458.1	454.6	451.2	448.6	447.7	442.6	439.1
57.5°	425.3	424.5	426.2	425.3	422.8	420.2	416.7	415.0	412.4	408.1	405.5
60°	390.9	390.9	390.9	390.0	388.3	384.9	382.3	380.6	377.1	373.7	372.0
62.5°	356.5	356.5	355.6	354.7	353.0	350.4	347.0	347.0	341.8	338.4	337.5
65°	322.0	321.2	320.3	317.7	317.7	316.0	312.5	310.0	307.4	303.9	303.1
67.5°	287.6	285.9	283.3	283.3	281.5	280.7	277.2	274.7	272.9	270.4	268.6
70°	253.1	250.6	248.0	248.8	246.2	245.4	241.9	241.1	236.8	234.2	234.2
72.5°	216.1	213.5	210.9	211.8	210.1	208.4	205.8	203.2	200.6	199.8	198.0
75°	181.7	178.2	176.5	176.5	174.8	173.1	171.3	168.8	167.9	166.2	164.5
77.5°	146.4	143.8	142.9	142.9	140.3	139.5	137.8	136.9	134.3	134.3	130.9
80°	112.8	110.2	109.3	108.5	108.5	105.9	105.0	102.5	101.6	99.9	97.3
82.5°	79.2	77.5	76.6	76.6	76.6	73.2	72.3	69.7	68.9	66.3	63.7
85°	48.2	46.5	44.8	45.6	44.8	41.3	40.5	37.0	35.3	34.4	32.7
87.5°	19.8	17.2	15.5	14.6	14.6	12.9	12.1	11.2	8.6	7.7	6.9
90°	0.9	0.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.6	2.6
92.5°	4.3	5.2	5.2	5.2	6.0	6.0	5.2	5.2	5.2	5.2	4.3
95°	7.7	8.6	10.3	10.3	11.2	12.1	12.1	11.2	11.2	11.2	10.3
97.5°	11.2	12.9	12.9	13.8	14.6	15.5	16.4	17.2	17.2	17.2	17.2
100°	17.2	16.4	18.1	18.9	18.9	18.9	19.8	20.7	21.5	22.4	22.4
102.5°	25.0	22.4	22.4	22.4	24.1	25.8	24.1	24.1	25.0	25.8	26.7
105°	32.7	30.1	28.4	28.4	28.4	30.1	31.9	31.0	30.1	31.0	31.0
107.5°	43.1	38.7	35.3	35.3	35.3	34.4	36.2	37.0	38.7	37.9	36.2
110°	54.2	49.1	44.8	42.2	42.2	41.3	41.3	42.2	43.9	44.8	45.6



TEST NUMBER: P303083

CATALOG NUMBER: CTW-F-2575-40L935-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	67.2	60.3	54.2	53.4	50.8	48.2	47.4	47.4	48.2	49.9	51.7
115°	80.9	73.2	65.4	63.7	61.1	56.0	54.2	53.4	53.4	54.2	56.0
117.5°	94.7	86.1	78.4	74.9	72.3	67.2	62.9	60.3	59.4	59.4	60.3
120°	108.5	100.7	92.1	87.8	84.4	78.4	72.3	68.0	66.3	65.4	65.4
122.5°	122.3	114.5	105.0	101.6	98.2	90.4	84.4	78.4	74.9	72.3	71.5
125°	136.0	128.3	119.7	115.4	111.1	103.3	97.3	91.3	86.1	81.8	79.2
127.5°	149.8	141.2	133.5	130.0	125.7	117.1	109.3	103.3	98.2	93.0	88.7
130°	161.9	155.0	147.2	143.8	139.5	130.0	123.1	117.1	111.1	105.0	100.7
132.5°	175.6	167.0	160.1	156.7	152.4	143.8	136.9	130.0	124.8	118.8	113.7
135°	186.8	179.9	172.2	168.8	165.3	157.6	150.7	143.8	137.8	132.6	128.3
137.5°	198.9	191.1	184.3	181.7	177.4	169.6	164.5	157.6	151.5	145.5	141.2
140°	210.1	202.3	195.4	192.9	189.4	182.5	175.6	170.5	164.5	159.3	155.0
142.5°	221.3	211.8	206.6	204.1	200.6	193.7	187.7	183.4	178.2	173.1	168.8
145°	231.6	224.7	216.1	214.4	211.8	204.9	199.8	195.4	191.1	186.0	181.7
147.5°	240.2	234.2	228.2	226.4	223.9	217.0	210.9	207.5	203.2	198.9	194.6
150°	249.7	243.7	238.5	236.8	234.2	229.9	223.9	217.8	215.3	210.1	206.6
152.5°	258.3	252.3	247.1	246.2	243.7	239.4	234.2	229.9	228.2	223.9	217.8
155°	266.0	260.0	255.7	254.9	253.1	248.8	244.5	240.2	238.5	234.2	230.7
157.5°	272.9	266.9	263.5	262.6	260.9	257.4	253.1	248.8	248.0	244.5	241.9
160°	279.8	273.8	271.2	270.4	268.6	266.0	262.6	258.3	258.3	254.9	252.3
162.5°	285.0	280.7	278.1	276.4	275.5	273.8	270.4	266.9	266.9	264.3	261.7
165°	291.0	285.9	284.1	283.3	282.4	280.7	278.1	274.7	274.7	272.9	270.4
167.5°	295.3	291.0	289.3	288.4	287.6	286.7	285.0	281.5	281.5	280.7	278.1
170°	298.8	295.3	293.6	292.7	292.7	291.9	291.0	288.4	288.4	287.6	285.0
172.5°	302.2	298.8	297.9	297.9	297.0	297.0	296.2	293.6	293.6	294.5	291.9
175°	304.8	301.4	301.4	300.5	301.4	301.4	300.5	298.8	299.6	300.5	298.8
177.5°	305.7	303.9	303.9	303.9	303.9	304.8	304.8	302.2	303.9	305.7	303.1
180°	308.2	308.2	308.2	308.2	308.2	308.2	308.2	308.2	308.2	308.2	308.2



TEST NUMBER: P303083

CATALOG NUMBER: CTW-F-2575-40L935-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	960.9	960.9	960.9	960.9	960.9	960.9	960.9	960.9
2.5°	960.0	958.3	957.4	957.4	958.3	953.1	948.8	948.0
5°	954.0	952.3	951.4	951.4	953.1	949.7	946.2	945.4
7.5°	945.4	944.5	942.8	943.7	946.2	942.8	939.4	939.4
10°	934.2	933.3	931.6	932.5	934.2	930.7	927.3	927.3
12.5°	920.4	917.8	917.0	917.8	919.5	916.1	912.7	913.5
15°	904.1	902.3	901.5	902.3	904.1	900.6	896.3	897.2
17.5°	886.0	883.4	883.4	884.2	885.1	880.8	876.5	876.5
20°	863.6	861.0	861.0	861.9	861.9	856.7	854.1	854.1
22.5°	838.6	836.0	835.2	836.9	836.9	832.6	830.0	829.1
25°	813.6	809.3	809.3	811.1	810.2	806.8	803.3	802.5
27.5°	787.8	782.6	784.4	784.4	783.5	778.3	775.8	774.9
30°	759.4	755.1	754.2	756.0	753.4	749.1	747.3	745.6
32.5°	730.1	725.8	726.7	725.8	724.1	719.8	716.4	716.4
35°	700.0	694.8	696.5	695.7	692.2	689.7	687.1	685.4
37.5°	668.1	663.8	665.6	663.8	661.2	658.7	655.2	654.4
40°	635.4	633.7	633.7	632.0	629.4	625.9	625.1	622.5
42.5°	602.7	601.8	601.8	599.3	596.7	594.1	592.4	591.5
45°	570.8	568.3	570.0	567.4	564.0	561.4	559.7	558.8
47.5°	538.1	535.5	535.5	533.8	530.4	528.7	526.9	526.9
50°	505.4	502.0	501.1	500.2	497.7	495.9	493.4	494.2
52.5°	471.8	470.1	469.2	466.7	464.1	462.4	461.5	462.4
55°	438.2	436.5	434.8	433.1	430.5	428.8	427.1	427.9
57.5°	404.7	401.2	401.2	398.6	396.9	395.2	393.5	393.5
60°	370.2	368.5	366.8	365.1	363.3	361.6	361.6	359.9
62.5°	335.8	334.1	332.3	329.8	328.9	327.2	328.0	326.3
65°	301.4	298.8	298.8	296.2	295.3	293.6	294.5	293.6
67.5°	266.9	265.2	264.3	262.6	260.9	260.0	260.0	260.0
70°	232.5	230.7	229.9	229.9	227.3	224.7	226.4	225.6
72.5°	196.3	195.4	193.7	192.9	191.1	190.3	191.1	190.3
75°	162.7	161.9	161.0	160.1	157.6	157.6	158.4	157.6
77.5°	129.2	128.3	127.4	128.3	124.8	124.8	124.8	124.0
80°	96.4	95.6	93.8	94.7	93.0	91.3	91.3	93.0
82.5°	62.0	62.0	60.3	60.3	60.3	57.7	58.5	59.4
85°	31.9	31.9	31.0	31.9	29.3	29.3	29.3	28.4
87.5°	6.9	6.9	6.0	6.9	6.0	6.0	6.0	6.9
90°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
92.5°	4.3	4.3	4.3	5.2	4.3	4.3	4.3	4.3
95°	10.3	11.2	11.2	11.2	10.3	10.3	10.3	9.5
97.5°	17.2	17.2	17.2	17.2	16.4	16.4	16.4	15.5
100°	22.4	23.2	23.2	23.2	23.2	23.2	23.2	22.4
102.5°	27.6	27.6	27.6	28.4	28.4	28.4	28.4	27.6
105°	31.0	31.9	31.9	32.7	33.6	33.6	33.6	32.7
107.5°	37.0	37.0	37.0	37.0	37.0	37.9	37.0	37.0
110°	44.8	43.9	43.9	43.9	43.1	43.1	43.1	43.1



TEST NUMBER: P303083

CATALOG NUMBER: CTW-F-2575-40L935-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	52.5	52.5	52.5	52.5	52.5	51.7	51.7	51.7
115°	56.8	58.5	58.5	58.5	58.5	58.5	59.4	59.4
117.5°	61.1	62.0	62.9	62.9	63.7	63.7	64.6	64.6
120°	65.4	66.3	66.3	67.2	67.2	67.2	68.0	68.0
122.5°	70.6	70.6	70.6	70.6	71.5	70.6	71.5	71.5
125°	77.5	76.6	76.6	75.8	75.8	74.9	74.9	74.9
127.5°	86.1	84.4	83.5	82.7	81.8	80.9	80.1	80.1
130°	97.3	93.8	93.0	92.1	89.5	88.7	87.8	87.8
132.5°	109.3	106.8	105.0	103.3	100.7	99.0	98.2	97.3
135°	124.0	120.5	118.0	116.2	113.7	111.1	109.3	109.3
137.5°	136.9	133.5	131.7	130.0	127.4	124.8	124.0	123.1
140°	150.7	147.2	145.5	143.8	141.2	138.6	136.9	136.9
142.5°	163.6	160.1	159.3	157.6	155.0	152.4	151.5	150.7
145°	177.4	173.9	172.2	171.3	168.8	166.2	164.5	164.5
147.5°	190.3	186.8	186.0	184.3	182.5	179.1	178.2	177.4
150°	203.2	199.8	198.9	198.0	196.3	192.9	191.1	191.1
152.5°	215.3	211.8	210.9	210.9	209.2	206.6	204.9	204.1
155°	228.2	225.6	224.7	224.7	223.0	219.6	217.0	217.0
157.5°	239.4	236.8	235.9	235.9	234.2	232.5	231.6	231.6
160°	250.6	248.0	247.1	247.1	246.2	244.5	243.7	243.7
162.5°	260.0	258.3	257.4	257.4	257.4	255.7	254.0	254.9
165°	269.5	266.9	266.9	266.0	266.9	265.2	264.3	265.2
167.5°	276.4	275.5	274.7	274.7	274.7	273.8	273.8	273.8
170°	284.1	283.3	283.3	282.4	282.4	282.4	280.7	281.5
172.5°	291.0	290.2	290.2	290.2	290.2	289.3	287.6	288.4
175°	297.9	297.0	297.0	297.0	297.0	296.2	293.6	293.6
177.5°	303.9	303.9	303.1	303.1	303.1	301.4	297.9	298.8
180°	308.2	308.2	308.2	308.2	308.2	308.2	308.2	308.2

(END OF REPORT)