

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: P303061

Luminaire Tested: **CTW-F-2575-20L935-UNV-STD-8**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303061
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-2575-20L935-UNV-STD-8
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 2000 LUMEN PACKAGE
Light Source: 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

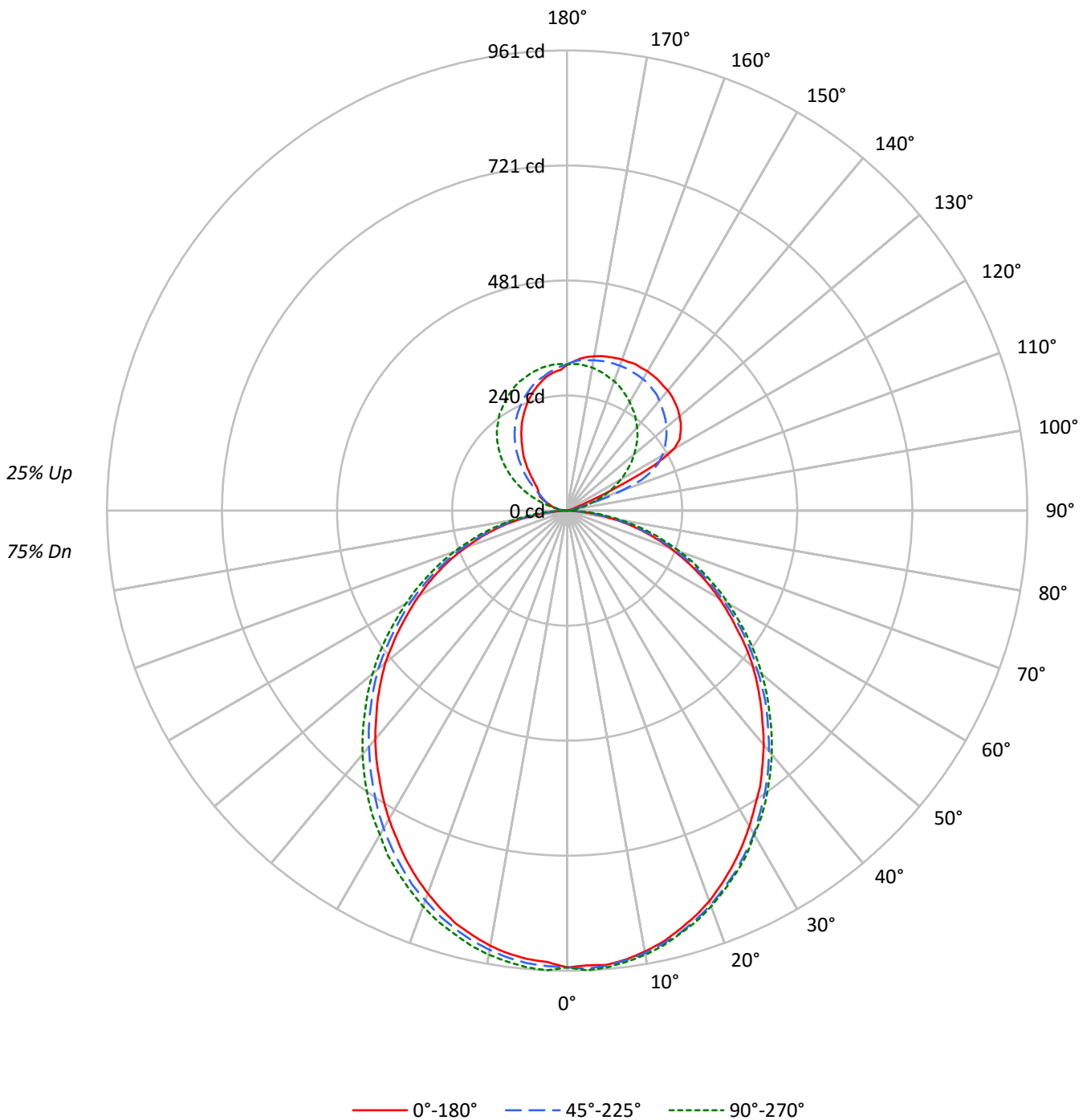
Lumens per Lamp: N/A
Luminaire Lumens: 3406.8 lumens
Efficiency: N/A
Efficacy: 104.2 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32
Luminous Opening: Rectangular (W 8' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 32.7
Input Voltage (V): 120
Input Current (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	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°	10269	10269	10269
5°	10290	10345	10159
10°	10220	10295	10088
15°	10094	10190	9959
20°	9942	10079	9745
25°	9714	9919	9510
30°	9460	9717	9246
35°	9232	9549	8983
40°	8977	9340	8760
45°	8703	9095	8518
50°	8478	8882	8304
55°	8143	8629	7981
60°	7896	8379	7711
65°	7587	8115	7455
70°	7207	7912	7100
75°	6733	7590	6658
80°	5765	7048	5765
85°	3829	6163	3829



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.0	2.6
10°-20°	255.0	7.5
20°-30°	377.8	11.1
30°-40°	443.2	13.0
40°-50°	449.2	13.2
50°-60°	398.6	11.7
60°-70°	303.9	8.9
70°-80°	179.8	5.3
80°-90°	47.4	1.4
90°-100°	8.8	0.3
100°-110°	38.1	1.1
110°-120°	105.9	3.1
120°-130°	151.5	4.4
130°-140°	163.1	4.8
140°-150°	154.9	4.5
150°-160°	127.2	3.7
160°-170°	83.4	2.4
170°-180°	29.0	0.8
0°-30°	722.8	21.2
0°-40°	1166.1	34.2
0°-60°	2013.8	59.1
0°-90°	2544.9	74.7
90°-120°	152.9	4.5
90°-150°	622.4	18.3
90°-180°	862.0	25.3
0°-180°	3406.8	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	954	954	954	954	954	
5°	952	954	957	949	940	90
15°	906	913	914	904	894	255
25°	818	832	835	820	801	377
35°	703	720	727	706	684	439
45°	572	589	598	580	560	442
55°	434	449	460	443	425	389
65°	298	308	319	305	293	295
75°	162	169	182	169	160	170
85°	31	38	50	38	31	38
90°	0	0	0	2	3	1
95°	2	3	7	12	10	2
105°	10	29	41	29	33	12
115°	110	196	100	53	58	122
125°	289	251	157	86	74	258
135°	319	286	207	138	110	246
145°	332	310	246	191	164	208
155°	338	320	276	236	217	156
165°	332	322	296	272	262	94
175°	319	315	306	296	291	31
180°	305	305	305	305	305	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	954.0	954.0	954.0	954.0	954.0	954.0	954.0	954.0	954.0	954.0	954.0
2.5°	950.5	950.5	950.5	952.3	954.0	954.0	954.0	952.3	954.0	959.2	957.4
5°	952.3	950.5	950.5	948.8	950.5	950.5	950.5	948.8	950.5	955.7	954.0
7.5°	945.4	945.4	945.4	943.7	945.4	943.7	943.7	941.9	945.4	948.8	947.1
10°	935.0	933.3	933.3	933.3	935.0	935.0	933.3	933.3	935.0	940.2	938.5
12.5°	923.0	923.0	923.0	921.3	923.0	923.0	923.0	921.3	923.0	928.2	926.4
15°	905.8	907.5	907.5	905.8	909.2	909.2	907.5	907.5	909.2	912.7	912.7
17.5°	888.5	888.5	888.5	888.5	892.0	890.3	890.3	890.3	892.0	895.4	895.4
20°	867.9	867.9	867.9	866.2	869.6	869.6	869.6	869.6	871.3	876.5	876.5
22.5°	843.8	843.8	843.8	843.8	845.5	845.5	845.5	845.5	847.2	852.4	854.1
25°	817.9	817.9	817.9	817.9	819.7	819.7	819.7	821.4	823.1	828.3	831.7
27.5°	790.4	792.1	792.1	792.1	792.1	793.8	793.8	795.6	797.3	800.7	805.9
30°	761.1	761.1	762.8	762.8	764.6	764.6	764.6	766.3	769.7	773.2	780.1
32.5°	730.1	731.8	733.6	733.6	735.3	735.3	737.0	737.0	740.5	742.2	749.1
35°	702.6	702.6	700.9	704.3	704.3	704.3	706.0	707.7	707.7	711.2	719.8
37.5°	669.9	671.6	669.9	673.3	675.0	673.3	675.0	676.7	678.5	680.2	688.8
40°	638.9	638.9	638.9	640.6	642.3	642.3	642.3	644.0	647.5	650.9	656.1
42.5°	604.4	606.1	606.1	607.9	609.6	607.9	609.6	613.0	614.8	618.2	621.6
45°	571.7	573.4	571.7	575.1	576.9	576.9	576.9	580.3	582.0	583.8	588.9
47.5°	539.0	540.7	539.0	540.7	544.2	544.2	544.2	545.9	549.3	551.0	554.5
50°	506.3	506.3	506.3	508.0	509.7	511.4	511.4	511.4	514.9	516.6	518.3
52.5°	471.8	471.8	471.8	475.3	475.3	475.3	477.0	478.7	480.4	483.9	485.6
55°	433.9	433.9	433.9	435.7	437.4	437.4	439.1	440.8	442.6	444.3	449.4
57.5°	399.5	401.2	399.5	401.2	402.9	402.9	406.4	406.4	408.1	409.8	413.3
60°	366.8	366.8	366.8	366.8	368.5	368.5	368.5	370.2	373.7	375.4	377.1
62.5°	332.3	332.3	332.3	334.1	334.1	334.1	335.8	337.5	339.2	341.0	342.7
65°	297.9	297.9	297.9	299.6	299.6	299.6	299.6	303.1	304.8	306.5	308.2
67.5°	263.5	263.5	263.5	265.2	265.2	265.2	266.9	268.6	270.4	272.1	273.8
70°	229.0	230.7	229.0	230.7	230.7	230.7	232.5	234.2	234.2	237.6	237.6
72.5°	194.6	194.6	194.6	196.3	196.3	198.0	198.0	199.8	199.8	201.5	203.2
75°	161.9	160.1	161.9	163.6	161.9	161.9	163.6	165.3	167.0	168.8	168.8
77.5°	127.4	127.4	127.4	129.1	130.9	129.1	130.9	132.6	132.6	136.0	134.3
80°	93.0	93.0	94.7	96.4	96.4	96.4	96.4	98.2	99.9	101.6	101.6
82.5°	60.3	62.0	62.0	63.7	63.7	63.7	65.4	65.4	67.2	68.9	68.9
85°	31.0	32.7	31.0	32.7	32.7	34.4	34.4	34.4	36.2	37.9	37.9
87.5°	6.9	5.2	5.2	6.9	5.2	6.9	6.9	6.9	6.9	8.6	12.1
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°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
95°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	3.4	3.4	3.4
97.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	5.2	5.2
100°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	6.9	6.9	6.9	8.6
102.5°	6.9	6.9	6.9	6.9	8.6	8.6	8.6	8.6	10.3	12.1	13.8
105°	10.3	10.3	10.3	10.3	10.3	10.3	12.1	13.8	15.5	20.7	29.3
107.5°	13.8	13.8	13.8	15.5	15.5	17.2	17.2	22.4	31.0	43.0	65.4
110°	20.7	22.4	22.4	25.8	29.3	32.7	36.2	49.9	68.9	96.4	118.8



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	43.0	46.5	48.2	58.5	72.3	80.9	87.8	113.7	141.2	158.4	168.8
115°	110.2	115.4	122.3	137.8	156.7	165.3	172.2	187.7	198.0	199.8	196.3
117.5°	206.6	208.4	211.8	220.4	225.6	227.3	227.3	229.0	227.3	222.1	215.2
120°	258.3	258.3	256.6	256.6	254.9	254.9	253.1	248.0	242.8	237.6	229.0
122.5°	279.0	277.2	275.5	273.8	272.1	268.6	266.9	261.7	256.6	249.7	241.1
125°	289.3	289.3	287.6	285.9	282.4	280.7	277.2	272.1	266.9	260.0	251.4
127.5°	299.6	297.9	296.2	294.5	291.0	289.3	287.6	282.4	275.5	268.6	261.7
130°	306.5	306.5	304.8	303.1	299.6	297.9	294.5	291.0	284.1	277.2	270.4
132.5°	313.4	313.4	311.7	310.0	306.5	304.8	303.1	297.9	291.0	285.9	279.0
135°	318.6	318.6	316.8	315.1	311.7	310.0	308.2	304.8	297.9	292.7	285.9
137.5°	323.7	322.0	320.3	320.3	316.8	315.1	313.4	310.0	303.1	297.9	292.7
140°	327.2	325.5	325.5	323.7	320.3	320.3	318.6	313.4	310.0	304.8	299.6
142.5°	328.9	328.9	328.9	327.2	323.7	323.7	322.0	318.6	313.4	310.0	306.5
145°	332.3	330.6	330.6	328.9	327.2	327.2	325.5	322.0	316.8	313.4	310.0
147.5°	334.1	334.1	332.3	332.3	330.6	328.9	328.9	325.5	320.3	316.8	315.1
150°	335.8	335.8	334.1	334.1	332.3	330.6	330.6	327.2	322.0	320.3	316.8
152.5°	335.8	335.8	335.8	334.1	334.1	332.3	330.6	327.2	325.5	322.0	318.6
155°	337.5	337.5	335.8	335.8	334.1	332.3	330.6	328.9	325.5	323.7	320.3
157.5°	335.8	337.5	335.8	334.1	334.1	332.3	330.6	328.9	325.5	325.5	322.0
160°	335.8	335.8	335.8	334.1	334.1	332.3	330.6	328.9	327.2	325.5	322.0
162.5°	334.1	334.1	334.1	334.1	332.3	332.3	330.6	327.2	325.5	325.5	322.0
165°	332.3	334.1	332.3	332.3	330.6	330.6	328.9	327.2	325.5	325.5	322.0
167.5°	330.6	330.6	328.9	328.9	327.2	327.2	325.5	323.7	323.7	323.7	320.3
170°	327.2	327.2	325.5	325.5	325.5	323.7	323.7	322.0	322.0	322.0	318.6
172.5°	323.7	323.7	322.0	322.0	322.0	320.3	320.3	318.6	318.6	318.6	316.8
175°	318.6	318.6	316.8	316.8	316.8	316.8	316.8	315.1	315.1	316.8	315.1
177.5°	311.7	310.0	311.7	311.7	311.7	311.7	311.7	310.0	311.7	311.7	311.7
180°	304.8	304.8	304.8	304.8	304.8	304.8	304.8	304.8	304.8	304.8	304.8



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	954.0	954.0	954.0	954.0	954.0	954.0	954.0	954.0	954.0	954.0	954.0
2.5°	950.5	948.8	947.1	950.5	952.3	954.0	955.7	959.2	960.9	960.9	959.2
5°	947.1	945.4	943.7	947.1	948.8	948.8	950.5	955.7	955.7	957.4	955.7
7.5°	940.2	938.5	938.5	940.2	941.9	943.7	945.4	948.8	950.5	950.5	948.8
10°	931.6	929.9	929.9	931.6	933.3	935.0	935.0	938.5	940.2	941.9	940.2
12.5°	921.3	917.8	917.8	919.5	921.3	923.0	924.7	928.2	929.9	929.9	928.2
15°	905.8	902.3	902.3	905.8	907.5	909.2	909.2	912.7	914.4	914.4	914.4
17.5°	890.3	886.8	886.8	888.5	890.3	892.0	892.0	897.2	897.2	898.9	897.2
20°	871.3	867.9	867.9	869.6	871.3	873.1	873.1	876.5	878.2	879.9	878.2
22.5°	848.9	847.2	847.2	848.9	850.7	852.4	852.4	855.8	857.6	857.6	857.6
25°	826.6	823.1	823.1	824.8	826.6	828.3	830.0	833.4	835.2	835.2	833.4
27.5°	802.5	799.0	797.3	799.0	802.5	804.2	805.9	809.3	811.1	811.1	809.3
30°	776.6	771.5	769.7	773.2	776.6	778.3	778.3	781.8	783.5	781.8	781.8
32.5°	747.3	745.6	742.2	743.9	747.3	749.1	750.8	754.2	756.0	756.0	752.5
35°	719.8	716.4	714.6	714.6	718.1	719.8	721.5	723.2	725.0	726.7	725.0
37.5°	690.5	687.1	685.4	687.1	688.8	690.5	692.2	694.0	695.7	695.7	694.0
40°	659.5	656.1	654.4	656.1	656.1	657.8	661.2	663.0	666.4	664.7	661.2
42.5°	626.8	623.4	623.4	621.6	625.1	628.5	628.5	630.3	633.7	632.0	630.3
45°	594.1	592.4	590.6	592.4	590.6	594.1	597.5	597.5	599.3	597.5	597.5
47.5°	559.6	557.9	557.9	559.6	559.6	559.6	563.1	564.8	564.8	564.8	564.8
50°	525.2	523.5	525.2	526.9	526.9	526.9	528.7	530.4	530.4	530.4	528.7
52.5°	489.0	492.5	490.8	492.5	492.5	494.2	495.9	495.9	497.7	495.9	494.2
55°	451.2	454.6	456.3	458.1	459.8	458.1	459.8	461.5	463.2	459.8	459.8
57.5°	415.0	416.7	418.4	420.2	421.9	420.2	421.9	423.6	421.9	423.6	421.9
60°	380.6	382.3	382.3	385.7	387.4	385.7	387.4	389.2	389.2	389.2	387.4
62.5°	347.8	347.8	347.8	353.0	351.3	351.3	353.0	354.7	354.7	354.7	353.0
65°	311.7	313.4	313.4	315.1	316.8	316.8	316.8	318.6	320.3	318.6	318.6
67.5°	273.8	279.0	277.2	279.0	280.7	282.4	284.1	284.1	284.1	285.9	284.1
70°	241.1	242.8	242.8	246.2	248.0	248.0	249.7	249.7	251.4	251.4	249.7
72.5°	206.6	208.4	210.1	211.8	211.8	213.5	213.5	213.5	217.0	215.2	215.2
75°	172.2	173.9	175.6	177.4	177.4	179.1	179.1	179.1	180.8	182.5	180.8
77.5°	137.8	139.5	141.2	142.9	142.9	144.6	146.4	144.6	146.4	148.1	146.4
80°	105.0	106.8	106.8	108.5	110.2	110.2	111.9	111.9	111.9	113.7	111.9
82.5°	72.3	74.0	74.0	77.5	77.5	79.2	79.2	79.2	79.2	80.9	79.2
85°	41.3	43.0	43.0	44.8	46.5	46.5	48.2	48.2	48.2	49.9	48.2
87.5°	12.1	13.8	13.8	15.5	17.2	17.2	18.9	18.9	18.9	20.7	20.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
92.5°	1.7	1.7	1.7	1.7	1.7	3.4	3.4	3.4	3.4	1.7	3.4
95°	3.4	3.4	5.2	6.9	6.9	8.6	10.3	10.3	8.6	6.9	6.9
97.5°	5.2	6.9	10.3	15.5	17.2	18.9	20.7	18.9	15.5	12.1	12.1
100°	10.3	15.5	22.4	29.3	32.7	34.4	34.4	29.3	24.1	20.7	17.2
102.5°	20.7	31.0	43.0	51.7	53.4	53.4	49.9	43.0	36.2	29.3	25.8
105°	43.0	62.0	74.0	77.5	75.8	74.0	67.2	58.5	49.9	41.3	36.2
107.5°	86.1	103.3	105.0	101.6	98.2	94.7	84.4	74.0	63.7	55.1	48.2
110°	132.6	136.0	132.6	122.3	118.8	111.9	101.6	91.3	79.2	68.9	62.0



TEST NUMBER: P303061

CATALOG NUMBER: CTW-F-2575-20L935-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	167.0	160.1	151.5	141.2	136.0	130.9	118.8	108.5	94.7	84.4	75.8
115°	189.4	179.1	168.8	158.4	151.5	146.4	134.3	124.0	110.2	99.9	89.5
117.5°	204.9	194.6	184.3	173.9	167.0	161.9	151.5	137.8	125.7	113.7	105.0
120°	218.7	210.1	198.0	187.7	182.5	177.4	165.3	153.3	139.5	129.1	118.8
122.5°	232.5	222.1	211.8	201.5	196.3	191.1	179.1	165.3	155.0	142.9	132.6
125°	242.8	234.2	223.9	213.5	208.4	203.2	191.1	179.1	167.0	156.7	146.4
127.5°	253.1	244.5	234.2	223.9	218.7	213.5	201.5	191.1	180.8	170.5	160.1
130°	263.5	254.9	244.5	234.2	229.0	223.9	213.5	203.2	192.9	182.5	172.2
132.5°	273.8	263.5	254.9	244.5	239.4	234.2	223.9	213.5	204.9	194.6	186.0
135°	280.7	272.1	261.7	253.1	248.0	242.8	234.2	223.9	215.2	206.6	198.0
137.5°	287.6	279.0	268.6	260.0	254.9	251.4	242.8	234.2	225.6	217.0	208.4
140°	292.7	284.1	275.5	266.9	261.7	260.0	251.4	242.8	235.9	227.3	218.7
142.5°	297.9	289.3	280.7	272.1	268.6	266.9	258.3	251.4	244.5	235.9	229.0
145°	303.1	294.5	285.9	279.0	275.5	272.1	265.2	258.3	253.1	246.2	237.6
147.5°	306.5	297.9	291.0	284.1	280.7	279.0	272.1	266.9	260.0	253.1	246.2
150°	310.0	301.3	296.2	289.3	287.6	284.1	277.2	272.1	266.9	261.7	254.9
152.5°	313.4	304.8	299.6	294.5	292.7	289.3	284.1	279.0	275.5	268.6	263.5
155°	313.4	308.2	303.1	297.9	296.2	294.5	289.3	285.9	280.7	275.5	270.4
157.5°	315.1	310.0	304.8	301.3	299.6	297.9	292.7	291.0	285.9	282.4	275.5
160°	316.8	311.7	306.5	304.8	303.1	301.3	297.9	294.5	291.0	287.6	282.4
162.5°	316.8	313.4	308.2	306.5	304.8	304.8	299.6	297.9	294.5	291.0	287.6
165°	316.8	313.4	310.0	308.2	308.2	306.5	303.1	301.3	297.9	296.2	292.7
167.5°	316.8	313.4	311.7	310.0	310.0	308.2	304.8	304.8	301.3	299.6	296.2
170°	315.1	313.4	311.7	310.0	310.0	310.0	306.5	306.5	304.8	303.1	299.6
172.5°	313.4	311.7	310.0	310.0	310.0	308.2	306.5	306.5	306.5	304.8	303.1
175°	311.7	310.0	308.2	308.2	308.2	308.2	306.5	306.5	306.5	306.5	304.8
177.5°	308.2	306.5	306.5	306.5	306.5	306.5	306.5	306.5	306.5	306.5	306.5
180°	304.8	304.8	304.8	304.8	304.8	304.8	304.8	304.8	304.8	304.8	304.8



TEST NUMBER: P303061

CATALOG NUMBER: CTW-F-2575-20L935-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	954.0	954.0	954.0	954.0	954.0	954.0	954.0	954.0	954.0	954.0	954.0
2.5°	954.0	948.8	948.8	948.8	950.5	952.3	952.3	948.8	952.3	957.4	952.3
5°	948.8	943.7	943.7	945.4	945.4	947.1	947.1	943.7	948.8	952.3	947.1
7.5°	943.7	938.5	936.8	938.5	938.5	941.9	940.2	936.8	941.9	943.7	940.2
10°	933.3	928.2	928.2	928.2	929.9	931.6	929.9	926.4	931.6	933.3	929.9
12.5°	921.3	914.4	916.1	916.1	917.8	917.8	916.1	914.4	919.5	921.3	916.1
15°	905.8	900.6	900.6	900.6	902.3	904.0	902.3	898.9	904.0	904.0	898.9
17.5°	888.5	885.1	883.4	883.4	885.1	886.8	885.1	879.9	886.8	886.8	883.4
20°	869.6	866.2	864.4	864.4	866.2	866.2	864.4	861.0	866.2	866.2	861.0
22.5°	848.9	843.8	842.1	843.8	845.5	843.8	842.1	838.6	845.5	842.1	838.6
25°	824.8	823.1	819.7	821.4	821.4	821.4	817.9	816.2	819.7	816.2	812.8
27.5°	802.5	797.3	795.6	797.3	795.6	795.6	792.1	790.4	793.8	790.4	787.0
30°	774.9	769.7	769.7	769.7	769.7	768.0	764.6	764.6	766.3	764.6	759.4
32.5°	747.3	742.2	740.5	743.9	742.2	740.5	737.0	737.0	737.0	733.6	728.4
35°	718.1	712.9	712.9	714.6	712.9	711.2	707.7	707.7	706.0	702.6	699.1
37.5°	687.1	683.6	681.9	685.4	683.6	681.9	676.7	678.5	675.0	673.3	669.9
40°	656.1	652.6	650.9	654.4	654.4	649.2	647.5	647.5	644.0	640.6	637.1
42.5°	623.4	619.9	621.6	623.4	623.4	616.5	616.5	614.8	613.0	609.6	606.1
45°	592.4	588.9	588.9	592.4	590.6	585.5	585.5	582.0	580.3	576.9	571.7
47.5°	559.6	556.2	557.9	557.9	557.9	552.8	552.8	549.3	547.6	544.2	540.7
50°	525.2	523.5	525.2	523.5	525.2	520.0	520.0	516.6	514.9	511.4	506.3
52.5°	490.8	490.8	490.8	492.5	490.8	485.6	485.6	482.2	478.7	477.0	473.5
55°	454.6	456.3	456.3	456.3	456.3	449.4	447.7	444.3	442.6	439.1	435.7
57.5°	418.4	420.2	418.4	418.4	418.4	415.0	413.3	411.6	408.1	404.7	402.9
60°	385.7	385.7	384.0	384.0	384.0	380.6	378.8	377.1	373.7	370.2	370.2
62.5°	351.3	351.3	349.6	349.6	347.8	346.1	344.4	342.7	339.2	337.5	335.8
65°	316.8	316.8	315.1	313.4	313.4	311.7	310.0	306.5	304.8	301.3	301.3
67.5°	284.1	282.4	280.7	280.7	280.7	277.2	275.5	272.1	270.4	268.6	268.6
70°	249.7	248.0	246.2	246.2	246.2	242.8	241.1	237.6	235.9	234.2	234.2
72.5°	215.2	213.5	213.5	211.8	210.1	208.4	206.6	204.9	201.5	201.5	199.8
75°	180.8	179.1	177.4	177.4	175.6	173.9	172.2	168.8	168.8	168.8	167.0
77.5°	146.4	144.6	144.6	142.9	142.9	139.5	137.8	139.5	134.3	134.3	132.6
80°	111.9	110.2	111.9	108.5	108.5	106.8	105.0	105.0	101.6	101.6	99.9
82.5°	79.2	77.5	79.2	77.5	75.8	74.0	74.0	72.3	68.9	68.9	67.2
85°	48.2	46.5	48.2	46.5	44.8	43.0	41.3	41.3	37.9	36.2	36.2
87.5°	20.7	17.2	17.2	15.5	15.5	13.8	13.8	13.8	10.3	10.3	8.6
90°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
92.5°	3.4	5.2	5.2	5.2	6.9	6.9	6.9	5.2	5.2	5.2	5.2
95°	6.9	8.6	10.3	10.3	10.3	12.1	12.1	12.1	12.1	10.3	10.3
97.5°	10.3	12.1	12.1	13.8	13.8	15.5	17.2	17.2	17.2	17.2	17.2
100°	17.2	15.5	17.2	18.9	18.9	18.9	18.9	20.7	20.7	22.4	22.4
102.5°	24.1	22.4	22.4	22.4	22.4	24.1	24.1	24.1	24.1	25.8	25.8
105°	32.7	29.3	27.6	27.6	27.6	29.3	31.0	31.0	29.3	29.3	29.3
107.5°	43.0	37.9	34.4	34.4	34.4	34.4	34.4	36.2	37.9	36.2	36.2
110°	55.1	48.2	44.8	43.0	41.3	39.6	39.6	41.3	43.0	44.8	44.8



TEST NUMBER: P303061

CATALOG NUMBER: CTW-F-2575-20L935-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	67.2	60.3	55.1	53.4	49.9	48.2	46.5	46.5	48.2	49.9	49.9
115°	80.9	74.0	65.4	63.7	60.3	56.8	53.4	53.4	53.4	53.4	55.1
117.5°	94.7	86.1	79.2	75.8	72.3	67.2	62.0	60.3	58.5	58.5	60.3
120°	108.5	101.6	91.3	87.8	84.4	79.2	72.3	68.9	65.4	65.4	65.4
122.5°	122.3	115.4	106.8	101.6	98.2	91.3	84.4	79.2	75.8	72.3	70.6
125°	136.0	129.1	120.5	115.4	111.9	103.3	96.4	91.3	86.1	82.7	79.2
127.5°	149.8	141.2	134.3	130.9	125.7	117.1	110.2	105.0	98.2	93.0	89.5
130°	161.9	155.0	148.1	142.9	139.5	130.9	124.0	117.1	111.9	106.8	101.6
132.5°	175.6	167.0	160.1	156.7	153.3	144.6	137.8	130.9	125.7	120.5	115.4
135°	187.7	179.1	172.2	168.8	165.3	158.4	149.8	144.6	137.8	134.3	129.1
137.5°	198.0	191.1	184.3	180.8	177.4	170.5	163.6	158.4	151.5	146.4	141.2
140°	210.1	201.5	196.3	192.9	189.4	182.5	177.4	172.2	165.3	160.1	155.0
142.5°	220.4	213.5	206.6	203.2	201.5	194.6	187.7	184.3	179.1	173.9	168.8
145°	229.0	222.1	217.0	213.5	210.1	204.9	199.8	196.3	191.1	186.0	180.8
147.5°	237.6	230.7	225.6	223.9	220.4	215.2	210.1	206.6	203.2	199.8	194.6
150°	246.2	239.4	235.9	234.2	230.7	227.3	220.4	218.7	215.2	210.1	206.6
152.5°	254.9	249.7	244.5	242.8	241.1	235.9	230.7	227.3	225.6	220.4	217.0
155°	263.5	256.6	253.1	251.4	249.7	246.2	241.1	237.6	235.9	232.5	229.0
157.5°	268.6	263.5	260.0	258.3	256.6	253.1	249.7	246.2	246.2	241.1	239.4
160°	275.5	270.4	266.9	265.2	265.2	261.7	258.3	254.9	254.9	251.4	249.7
162.5°	280.7	277.2	273.8	273.8	272.1	268.6	266.9	263.5	263.5	261.7	258.3
165°	287.6	282.4	280.7	279.0	279.0	277.2	273.8	270.4	272.1	270.4	266.9
167.5°	291.0	287.6	285.9	285.9	284.1	282.4	280.7	277.2	279.0	277.2	275.5
170°	296.2	291.0	291.0	289.3	289.3	289.3	287.6	284.1	284.1	284.1	282.4
172.5°	297.9	294.5	294.5	294.5	294.5	292.7	292.7	289.3	291.0	291.0	289.3
175°	301.3	297.9	297.9	297.9	297.9	297.9	296.2	294.5	296.2	296.2	294.5
177.5°	303.1	301.3	301.3	301.3	301.3	301.3	301.3	299.6	301.3	303.1	299.6
180°	304.8	304.8	304.8	304.8	304.8	304.8	304.8	304.8	304.8	304.8	304.8



TEST NUMBER: P303061

CATALOG NUMBER: CTW-F-2575-20L935-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	954.0	954.0	954.0	954.0	954.0	954.0	954.0	954.0
2.5°	952.3	952.3	950.5	950.5	952.3	947.1	943.7	943.7
5°	947.1	945.4	945.4	945.4	947.1	943.7	940.2	940.2
7.5°	940.2	938.5	936.8	938.5	940.2	936.8	933.3	933.3
10°	929.9	928.2	926.4	926.4	928.2	924.7	923.0	923.0
12.5°	916.1	912.7	910.9	912.7	914.4	910.9	909.2	909.2
15°	898.9	897.2	897.2	897.2	898.9	895.4	892.0	893.7
17.5°	881.7	879.9	878.2	879.9	879.9	876.5	873.1	873.1
20°	859.3	857.6	855.8	857.6	857.6	854.1	850.7	850.7
22.5°	835.2	833.4	831.7	833.4	833.4	830.0	826.6	826.6
25°	809.3	805.9	805.9	807.6	805.9	804.2	800.7	800.7
27.5°	783.5	780.1	780.1	781.8	780.1	774.9	773.2	771.5
30°	756.0	750.8	750.8	752.5	750.8	745.6	743.9	743.9
32.5°	725.0	721.5	723.2	723.2	721.5	716.4	714.6	714.6
35°	695.7	692.2	694.0	694.0	690.5	687.1	685.4	683.6
37.5°	664.7	663.0	664.7	663.0	661.2	656.1	654.4	654.4
40°	632.0	632.0	633.7	630.3	628.5	625.1	621.6	623.4
42.5°	601.0	599.3	601.0	599.3	597.5	594.1	590.6	590.6
45°	568.3	568.3	566.5	566.5	564.8	561.4	557.9	559.6
47.5°	535.5	535.5	535.5	533.8	532.1	528.7	526.9	526.9
50°	502.8	502.8	501.1	501.1	497.7	494.2	494.2	495.9
52.5°	470.1	468.4	468.4	466.7	466.7	463.2	459.8	459.8
55°	433.9	432.2	430.5	430.5	428.8	427.1	423.6	425.3
57.5°	401.2	397.8	399.5	396.1	396.1	392.6	390.9	390.9
60°	366.8	365.1	365.1	363.3	361.6	359.9	358.2	358.2
62.5°	334.1	330.6	330.6	328.9	328.9	327.2	325.5	325.5
65°	299.6	296.2	296.2	294.5	296.2	292.7	292.7	292.7
67.5°	265.2	263.5	263.5	261.7	261.7	260.0	258.3	260.0
70°	232.5	230.7	229.0	227.3	229.0	227.3	227.3	225.6
72.5°	198.0	196.3	196.3	196.3	194.6	192.9	192.9	192.9
75°	165.3	163.6	163.6	161.9	161.9	160.1	158.4	160.1
77.5°	132.6	130.9	129.1	129.1	129.1	127.4	129.1	127.4
80°	99.9	96.4	96.4	96.4	96.4	94.7	96.4	93.0
82.5°	67.2	63.7	63.7	63.7	62.0	62.0	62.0	60.3
85°	34.4	34.4	34.4	32.7	32.7	32.7	32.7	31.0
87.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
90°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
92.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
95°	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
97.5°	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
100°	22.4	22.4	22.4	22.4	24.1	22.4	22.4	22.4
102.5°	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
105°	31.0	31.0	31.0	31.0	32.7	32.7	32.7	32.7
107.5°	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
110°	44.8	43.0	43.0	43.0	41.3	41.3	41.3	41.3



TEST NUMBER: P303061

CATALOG NUMBER: CTW-F-2575-20L935-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	51.7	51.7	51.7	51.7	51.7	51.7	49.9	49.9
115°	56.8	56.8	58.5	58.5	58.5	58.5	58.5	58.5
117.5°	60.3	62.0	62.0	62.0	63.7	63.7	63.7	63.7
120°	65.4	65.4	65.4	65.4	67.2	67.2	67.2	67.2
122.5°	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
125°	77.5	75.8	75.8	75.8	75.8	75.8	74.0	74.0
127.5°	86.1	84.4	82.7	82.7	80.9	80.9	79.2	79.2
130°	96.4	94.7	93.0	91.3	89.5	89.5	87.8	87.8
132.5°	110.2	106.8	105.0	103.3	101.6	99.9	98.2	98.2
135°	124.0	120.5	118.8	117.1	113.7	111.9	110.2	110.2
137.5°	137.8	134.3	132.6	130.9	127.4	125.7	124.0	124.0
140°	151.5	148.1	146.4	144.6	141.2	139.5	137.8	137.8
142.5°	163.6	160.1	160.1	158.4	155.0	153.3	151.5	151.5
145°	177.4	173.9	172.2	172.2	168.8	165.3	165.3	163.6
147.5°	189.4	187.7	186.0	184.3	182.5	179.1	179.1	177.4
150°	203.2	199.8	198.0	198.0	194.6	192.9	191.1	191.1
152.5°	215.2	211.8	210.1	210.1	208.4	206.6	204.9	204.9
155°	225.6	222.1	222.1	222.1	220.4	218.7	217.0	217.0
157.5°	235.9	234.2	232.5	232.5	232.5	229.0	229.0	229.0
160°	246.2	244.5	244.5	244.5	242.8	241.1	241.1	241.1
162.5°	256.6	254.9	254.9	254.9	253.1	251.4	251.4	251.4
165°	265.2	263.5	263.5	263.5	263.5	261.7	261.7	261.7
167.5°	273.8	272.1	272.1	272.1	272.1	270.4	270.4	270.4
170°	280.7	280.7	279.0	279.0	279.0	279.0	277.2	279.0
172.5°	287.6	287.6	285.9	285.9	287.6	285.9	284.1	285.9
175°	294.5	294.5	292.7	292.7	292.7	291.0	289.3	291.0
177.5°	301.3	299.6	299.6	299.6	299.6	297.9	294.5	294.5
180°	304.8	304.8	304.8	304.8	304.8	304.8	304.8	304.8

(END OF REPORT)