

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: P303065

Luminaire Tested: **CTW-F-2575-30L930-UNV-STD-4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303065
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-4)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: CTW-F-2575-30L930-UNV-STD-4
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 3000 LUMEN PACKAGE
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

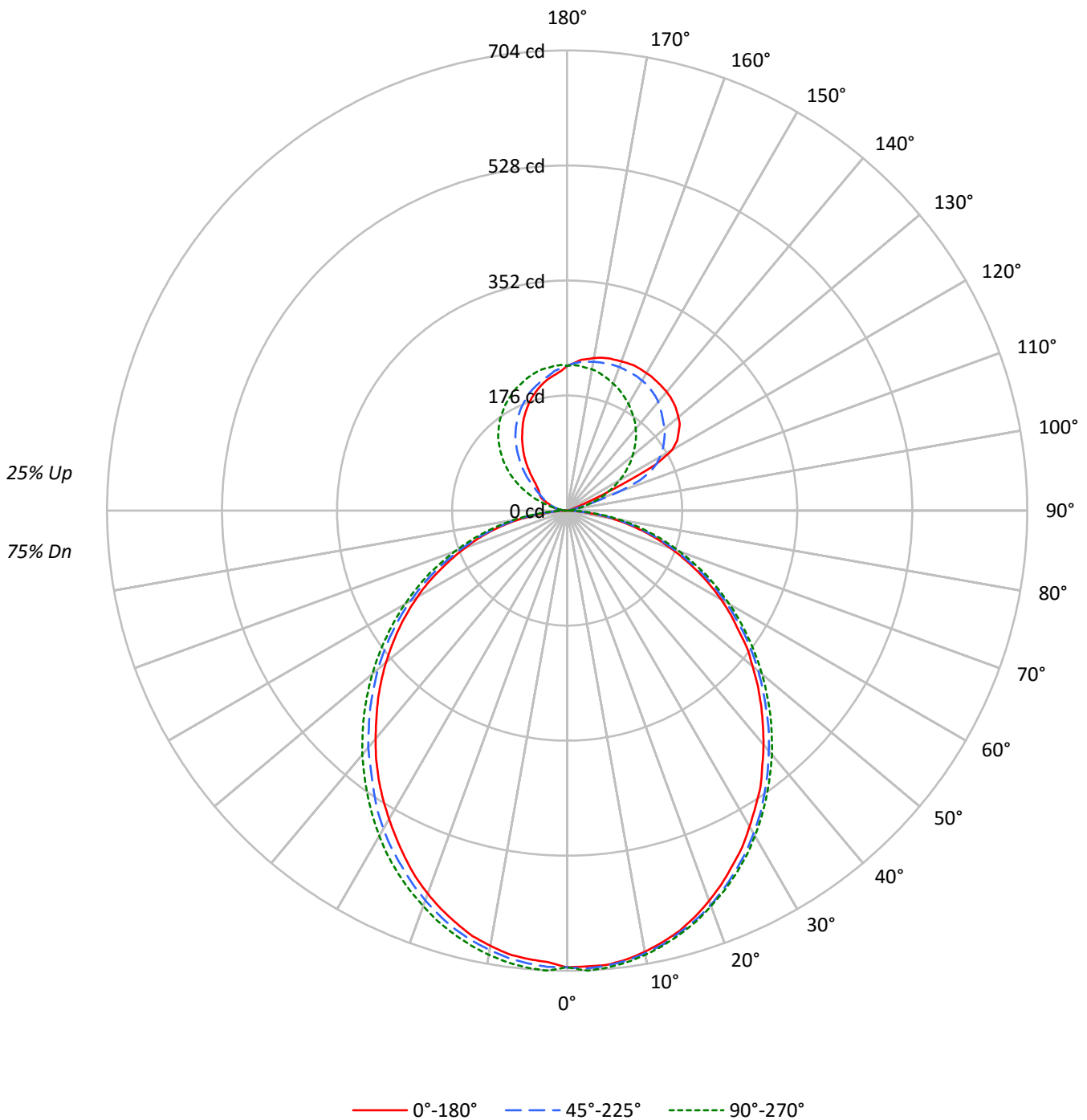
Lumens per Lamp: N/A
Luminaire Lumens: 2488.5 lumens
Efficiency: N/A
Efficacy: 95.0 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32
Luminous Opening: Rectangular (W 4' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 26.2
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	108	108	108	108	97	97	97	88	88	88	79	79	79	75
1	103	99	95	91	98	94	90	87	85	82	80	77	75	73	70	68	67	63
2	94	86	80	74	89	82	76	71	75	70	66	68	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	41	36	43	38	33	39	35	31	29
7	62	49	40	34	58	47	39	33	43	36	31	39	34	30	36	31	28	25
8	57	44	36	31	54	43	35	30	39	33	28	36	31	26	33	28	25	23
9	53	41	33	27	51	39	32	27	36	30	25	33	28	24	31	26	22	20
10	50	37	30	25	48	36	29	24	33	27	23	31	25	22	28	24	20	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	15041	15041	15041
5°	15080	15170	14883
10°	14981	15090	14782
15°	14830	14941	14569
20°	14557	14749	14291
25°	14223	14542	13929
30°	13873	14286	13543
35°	13553	13989	13203
40°	13135	13697	12809
45°	12763	13371	12458
50°	12395	13035	12117
55°	12018	12675	11770
60°	11711	12353	11388
65°	11227	12032	10891
70°	10625	11519	10367
75°	9890	10996	9890
80°	8666	10203	8765
85°	5755	8620	5953



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.0	2.7
10°-20°	186.9	7.5
20°-30°	276.8	11.1
30°-40°	324.8	13.1
40°-50°	329.1	13.2
50°-60°	293.6	11.8
60°-70°	224.0	9.0
70°-80°	131.7	5.3
80°-90°	34.8	1.4
90°-100°	6.4	0.3
100°-110°	27.4	1.1
110°-120°	76.1	3.1
120°-130°	108.9	4.4
130°-140°	117.4	4.7
140°-150°	111.7	4.5
150°-160°	91.8	3.7
160°-170°	60.2	2.4
170°-180°	20.9	0.8
0°-30°	529.6	21.3
0°-40°	854.5	34.3
0°-60°	1477.1	59.4
0°-90°	1867.6	75.1
90°-120°	109.9	4.4
90°-150°	448.0	18.0
90°-180°	621.0	25.0
0°-180°	2488.5	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	699	699	699	699	699	
5°	698	699	702	695	689	66
15°	665	668	670	663	654	187
25°	599	609	612	600	586	276
35°	516	526	532	517	502	322
45°	419	431	439	426	409	324
55°	320	332	338	328	314	288
65°	220	229	236	225	214	218
75°	119	125	132	124	119	126
85°	23	28	35	27	24	29
90°	1	1	1	2	2	1
95°	2	2	5	8	8	2
105°	8	20	30	21	23	8
115°	78	140	71	37	42	89
125°	208	180	112	62	53	185
135°	231	205	148	100	79	178
145°	240	225	176	138	118	151
155°	244	232	198	170	156	113
165°	241	233	214	195	187	68
175°	231	228	222	215	209	22
180°	221	221	221	221	221	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7
2.5°	697.8	697.0	697.0	697.0	699.5	699.5	698.7	698.7	699.5	702.8	701.1
5°	697.8	697.0	697.0	695.3	697.0	697.0	696.2	696.2	697.0	700.3	698.7
7.5°	692.8	692.8	692.0	691.2	692.0	692.0	692.0	691.2	692.0	696.2	694.5
10°	685.3	685.3	684.5	683.7	684.5	684.5	684.5	684.5	685.3	689.5	687.8
12.5°	676.2	676.2	675.4	674.5	676.2	676.2	675.4	675.4	676.2	681.2	679.5
15°	665.4	665.4	665.4	664.6	666.2	665.4	665.4	665.4	665.4	669.5	667.9
17.5°	651.2	651.2	651.2	651.2	652.9	652.9	652.9	652.1	652.9	657.1	656.2
20°	635.4	635.4	635.4	635.4	636.3	637.1	636.3	637.1	637.1	642.1	642.1
22.5°	618.0	618.0	617.1	617.1	618.0	619.6	618.8	618.8	619.6	624.6	626.3
25°	598.8	598.8	598.8	599.7	600.5	601.3	600.5	602.2	602.2	607.2	608.8
27.5°	580.5	578.9	579.7	579.7	580.5	581.4	581.4	583.0	583.9	588.0	590.5
30°	558.1	557.3	558.1	558.9	558.9	560.6	561.4	562.2	563.1	565.6	570.6
32.5°	536.5	536.5	537.3	537.3	538.1	539.0	540.6	541.5	541.5	544.0	549.8
35°	515.7	514.0	514.0	514.8	516.5	517.3	517.3	519.0	519.0	522.3	526.5
37.5°	490.7	490.7	492.4	492.4	492.4	494.0	494.0	495.7	496.5	499.0	504.0
40°	467.4	466.6	468.3	468.3	469.1	469.9	471.6	472.4	474.1	475.7	479.9
42.5°	443.3	443.3	444.1	445.0	445.8	446.6	448.3	449.1	450.0	451.6	456.6
45°	419.2	419.2	420.0	420.9	421.7	421.7	423.4	425.0	426.7	429.2	430.8
47.5°	395.1	395.1	395.9	395.9	396.7	397.6	398.4	400.1	401.7	404.2	405.9
50°	370.1	370.1	371.8	371.8	373.4	372.6	374.3	375.1	377.6	379.3	381.8
52.5°	347.7	345.2	346.0	346.8	348.5	349.3	350.2	350.2	351.8	354.3	356.8
55°	320.2	321.0	321.9	321.9	323.5	323.5	325.2	325.2	326.9	329.4	331.9
57.5°	296.9	296.9	296.1	297.8	298.6	298.6	299.4	299.4	301.9	303.6	305.2
60°	272.0	270.3	271.1	272.0	272.8	272.0	274.5	274.5	276.1	277.8	281.1
62.5°	246.2	246.2	245.4	246.2	247.0	247.0	248.7	248.7	251.2	251.2	254.5
65°	220.4	219.6	219.6	220.4	222.1	222.1	222.9	223.7	224.6	225.4	228.7
67.5°	193.8	193.8	193.0	194.6	194.6	194.6	196.3	196.3	197.1	198.0	200.4
70°	168.8	168.0	168.0	169.7	168.8	169.7	171.3	171.3	173.0	173.0	174.7
72.5°	143.9	143.1	143.1	142.2	145.6	144.7	145.6	146.4	146.4	147.2	149.7
75°	118.9	118.9	118.1	118.1	118.9	119.8	120.6	121.4	122.3	122.3	124.8
77.5°	94.0	94.0	93.2	95.6	95.6	95.6	96.5	96.5	98.1	98.1	99.8
80°	69.9	69.0	69.0	69.9	71.5	71.5	71.5	72.4	73.2	74.9	75.7
82.5°	45.7	45.7	45.7	46.6	47.4	48.2	48.2	48.2	49.1	50.7	51.6
85°	23.3	23.3	23.3	23.3	25.0	25.0	25.0	25.8	27.4	27.4	28.3
87.5°	4.2	4.2	4.2	4.2	5.0	5.0	5.0	5.0	5.0	6.7	7.5
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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
95°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
97.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.3	3.3	3.3
100°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	5.0	5.8
102.5°	5.0	5.0	5.0	5.0	5.8	5.8	5.8	6.7	6.7	8.3	10.0
105°	7.5	7.5	7.5	7.5	7.5	8.3	8.3	9.1	10.8	14.1	20.0
107.5°	10.0	10.0	10.0	10.8	11.6	12.5	13.3	16.6	21.6	30.8	44.1
110°	15.0	15.8	16.6	18.3	21.6	23.3	25.8	34.9	49.1	68.2	84.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	30.8	32.4	35.8	40.8	51.6	57.4	64.9	84.0	100.6	114.8	118.9
115°	78.2	85.7	89.8	97.3	113.1	118.9	125.6	134.7	142.2	143.9	139.7
117.5°	153.0	153.0	153.0	158.0	162.2	163.9	164.7	164.7	162.2	159.7	153.9
120°	185.5	185.5	184.6	184.6	183.8	183.0	181.3	178.8	174.7	170.5	163.9
122.5°	199.6	199.6	198.0	196.3	194.6	193.0	191.3	188.8	183.8	179.7	173.0
125°	207.9	207.9	206.3	204.6	202.9	201.3	199.6	196.3	192.1	187.1	180.5
127.5°	217.1	216.2	214.6	212.1	209.6	207.9	206.3	202.9	198.8	193.8	188.0
130°	222.1	222.1	220.4	218.7	217.1	215.4	213.8	208.8	203.8	199.6	194.6
132.5°	227.1	226.2	225.4	223.7	221.2	220.4	218.7	215.4	209.6	204.6	199.6
135°	231.2	230.4	229.6	227.9	226.2	224.6	223.7	220.4	216.2	209.6	205.4
137.5°	234.5	233.7	232.9	232.1	229.6	228.7	227.1	224.6	220.4	216.2	211.3
140°	237.0	235.4	235.4	234.5	232.1	231.2	230.4	227.1	223.7	220.4	217.1
142.5°	238.7	237.9	237.9	237.0	234.5	234.5	232.9	230.4	227.1	224.6	221.2
145°	240.4	239.5	239.5	238.7	237.0	237.0	235.4	232.9	229.6	227.1	224.6
147.5°	242.0	241.2	241.2	240.4	239.5	238.7	237.9	235.4	232.1	229.6	227.9
150°	242.9	242.9	242.0	241.2	240.4	239.5	238.7	236.2	233.7	232.1	229.6
152.5°	243.7	243.7	242.9	242.9	241.2	241.2	239.5	237.9	235.4	233.7	231.2
155°	244.5	244.5	243.7	242.9	242.0	241.2	240.4	237.9	235.4	234.5	232.1
157.5°	243.7	243.7	243.7	242.9	242.0	241.2	239.5	237.9	236.2	235.4	232.9
160°	242.9	243.7	242.9	242.0	241.2	241.2	240.4	237.9	236.2	236.2	233.7
162.5°	242.0	242.9	242.0	242.0	241.2	240.4	239.5	237.9	236.2	235.4	233.7
165°	241.2	241.2	241.2	240.4	239.5	238.7	238.7	236.2	235.4	235.4	232.9
167.5°	239.5	239.5	238.7	237.9	237.0	237.0	236.2	234.5	234.5	234.5	232.1
170°	237.0	237.0	236.2	235.4	235.4	234.5	234.5	232.9	232.9	232.9	231.2
172.5°	233.7	233.7	233.7	232.9	232.9	232.1	232.1	230.4	230.4	231.2	229.6
175°	231.2	230.4	230.4	229.6	229.6	229.6	228.7	227.9	228.7	228.7	227.9
177.5°	225.4	225.4	225.4	225.4	226.2	226.2	226.2	225.4	225.4	226.2	225.4
180°	221.2	221.2	221.2	221.2	221.2	221.2	221.2	221.2	221.2	221.2	221.2



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7
2.5°	696.2	694.5	694.5	697.0	697.8	698.7	699.5	702.8	703.6	704.5	703.6
5°	694.5	692.8	692.0	694.5	695.3	696.2	697.0	699.5	701.1	702.0	700.3
7.5°	689.5	687.8	687.8	690.3	690.3	692.0	692.0	695.3	696.2	697.0	696.2
10°	683.7	682.0	681.2	683.7	684.5	685.3	685.3	687.8	689.5	690.3	688.7
12.5°	674.5	672.9	672.0	674.5	675.4	676.2	677.0	679.5	680.4	681.2	680.4
15°	664.6	662.1	661.2	664.6	665.4	666.2	666.2	668.7	669.5	670.4	669.5
17.5°	652.1	649.6	649.6	651.2	653.7	653.7	653.7	656.2	657.9	658.7	657.1
20°	638.8	636.3	635.4	637.9	638.8	640.4	640.4	642.1	643.8	643.8	643.8
22.5°	623.0	620.5	619.6	622.1	623.0	623.8	624.6	626.3	628.0	628.8	627.1
25°	606.3	603.8	603.0	605.5	606.3	607.2	608.0	611.3	611.3	612.2	610.5
27.5°	587.2	585.5	583.9	586.4	588.9	589.7	589.7	592.2	593.0	594.7	592.2
30°	568.1	565.6	564.7	566.4	568.9	569.7	569.7	573.1	573.9	574.7	572.2
32.5°	548.1	545.6	544.8	546.4	548.9	549.8	549.8	552.3	553.1	553.9	552.3
35°	526.5	524.8	523.2	524.8	526.5	528.1	528.1	530.6	531.5	532.3	530.6
37.5°	505.7	503.2	501.5	502.4	504.0	506.5	506.5	509.9	509.9	509.9	508.2
40°	483.2	479.9	479.1	479.1	481.6	483.2	483.2	486.6	486.6	487.4	484.9
42.5°	459.9	457.5	456.6	455.8	458.3	459.1	459.9	463.3	462.4	463.3	460.8
45°	435.8	433.3	433.3	433.3	434.2	435.8	436.7	438.3	439.2	439.2	437.5
47.5°	410.0	409.2	409.2	409.2	410.9	410.9	411.7	413.4	413.4	414.2	412.5
50°	385.1	385.1	384.3	385.1	385.9	385.9	387.6	389.2	389.2	389.2	387.6
52.5°	358.5	359.3	359.3	360.1	361.0	361.0	363.5	365.1	365.1	363.5	361.8
55°	332.7	334.4	334.4	336.0	336.0	336.9	336.9	338.5	338.5	337.7	336.0
57.5°	307.7	308.6	308.6	310.2	311.1	311.1	312.7	314.4	314.4	312.7	311.1
60°	282.0	283.6	282.8	284.5	286.1	286.1	286.1	288.6	286.9	286.9	286.1
62.5°	256.2	256.2	257.0	258.7	259.5	259.5	261.2	262.8	262.8	261.2	260.3
65°	230.4	231.2	231.2	232.9	233.7	234.5	234.5	236.2	235.4	236.2	234.5
67.5°	202.9	203.8	203.8	204.6	206.3	206.3	207.9	208.8	209.6	208.8	207.9
70°	176.3	176.3	178.8	178.8	180.5	180.5	183.0	183.0	184.6	183.0	182.1
72.5°	150.5	151.4	153.9	153.0	154.7	154.7	157.2	158.0	158.9	157.2	158.0
75°	125.6	125.6	128.1	128.1	129.7	129.7	132.2	132.2	133.1	132.2	131.4
77.5°	100.6	100.6	102.3	103.1	104.0	104.8	106.5	106.5	108.1	107.3	108.1
80°	76.5	77.4	78.2	79.8	79.8	80.7	80.7	82.3	83.2	82.3	83.2
82.5°	52.4	54.1	54.9	54.9	55.7	57.4	58.2	58.2	59.1	58.2	59.9
85°	29.1	29.9	31.6	33.3	33.3	34.1	34.9	35.8	35.8	34.9	34.9
87.5°	8.3	9.1	11.6	11.6	11.6	13.3	14.1	14.1	15.0	14.1	15.8
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°	0.8	0.8	0.8	1.7	1.7	1.7	2.5	2.5	2.5	1.7	2.5
95°	2.5	2.5	3.3	5.0	5.8	6.7	7.5	7.5	5.8	5.0	5.0
97.5°	4.2	5.0	7.5	10.8	12.5	14.1	15.0	13.3	10.8	9.1	8.3
100°	7.5	10.8	15.8	21.6	23.3	25.0	24.1	21.6	18.3	15.0	13.3
102.5°	15.0	21.6	30.8	38.3	38.3	38.3	35.8	31.6	26.6	21.6	19.1
105°	31.6	43.2	53.2	56.6	54.9	54.1	48.2	42.4	35.8	29.9	26.6
107.5°	63.2	73.2	75.7	74.0	70.7	68.2	60.7	54.1	45.7	39.1	34.9
110°	96.5	97.3	94.8	89.0	84.8	81.5	73.2	65.7	57.4	49.9	43.2



TEST NUMBER: P303065

CATALOG NUMBER: CTW-F-2575-30L930-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	119.8	115.6	109.8	102.3	97.3	94.0	85.7	77.4	68.2	60.7	53.2
115°	135.6	128.9	122.3	113.1	109.8	105.6	97.3	89.0	79.8	70.7	64.0
117.5°	147.2	139.7	133.1	124.8	120.6	116.4	108.1	99.0	89.8	82.3	74.9
120°	157.2	150.5	143.1	134.7	131.4	127.3	118.9	109.8	100.6	92.3	84.8
122.5°	166.3	159.7	152.2	144.7	140.6	137.2	128.9	119.8	110.6	103.1	95.6
125°	174.7	168.0	161.4	153.0	149.7	145.6	137.2	128.1	120.6	112.3	104.8
127.5°	182.1	175.5	168.8	161.4	158.0	153.9	145.6	137.2	129.7	122.3	114.8
130°	189.6	183.0	176.3	168.8	164.7	161.4	153.9	145.6	138.1	130.6	123.9
132.5°	195.5	189.6	182.1	175.5	171.3	168.0	161.4	153.9	147.2	139.7	133.1
135°	201.3	194.6	188.8	181.3	178.0	174.7	168.0	161.4	154.7	148.0	141.4
137.5°	206.3	199.6	193.8	186.3	183.8	181.3	174.7	168.0	162.2	156.4	149.7
140°	211.3	204.6	198.0	191.3	188.8	186.3	180.5	174.7	168.8	163.0	158.0
142.5°	216.2	207.9	201.3	195.5	193.8	191.3	185.5	180.5	175.5	170.5	164.7
145°	219.6	212.1	204.6	200.4	198.0	195.5	190.5	185.5	181.3	176.3	171.3
147.5°	222.9	216.2	209.6	203.8	202.1	199.6	195.5	191.3	187.1	182.1	177.2
150°	224.6	218.7	212.9	208.8	206.3	203.8	199.6	195.5	192.1	188.0	183.0
152.5°	227.1	221.2	217.1	212.1	211.3	207.9	203.8	201.3	197.1	193.0	188.8
155°	227.9	222.9	219.6	216.2	215.4	212.1	207.9	204.6	201.3	198.0	193.8
157.5°	228.7	224.6	220.4	218.7	217.1	216.2	212.1	208.8	205.4	202.9	198.8
160°	229.6	225.4	222.1	220.4	219.6	217.9	215.4	213.8	208.8	206.3	202.1
162.5°	229.6	226.2	223.7	222.1	221.2	220.4	217.9	216.2	213.8	210.4	206.3
165°	229.6	227.1	224.6	223.7	222.9	222.1	219.6	218.7	216.2	213.8	210.4
167.5°	229.6	227.1	225.4	224.6	223.7	222.9	221.2	220.4	218.7	217.1	214.6
170°	228.7	227.1	225.4	224.6	224.6	223.7	222.1	222.1	220.4	219.6	217.1
172.5°	227.1	226.2	224.6	224.6	224.6	223.7	222.1	222.1	221.2	220.4	218.7
175°	225.4	224.6	223.7	223.7	223.7	222.9	222.1	222.9	222.1	222.1	220.4
177.5°	222.9	222.1	222.1	222.1	222.1	222.1	222.1	222.1	222.1	222.9	221.2
180°	221.2	221.2	221.2	221.2	221.2	221.2	221.2	221.2	221.2	221.2	221.2



TEST NUMBER: P303065

CATALOG NUMBER: CTW-F-2575-30L930-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7
2.5°	698.7	695.3	695.3	695.3	697.0	697.8	697.8	695.3	698.7	701.1	698.7
5°	695.3	692.0	692.0	692.8	693.7	694.5	694.5	692.0	695.3	697.8	694.5
7.5°	691.2	687.0	687.0	687.8	688.7	689.5	689.5	687.0	690.3	692.0	688.7
10°	683.7	680.4	679.5	680.4	682.0	682.8	682.0	679.5	682.8	684.5	682.0
12.5°	674.5	671.2	671.2	671.2	672.9	672.9	672.9	669.5	673.7	674.5	671.2
15°	663.7	660.4	660.4	660.4	661.2	662.1	661.2	658.7	662.9	662.9	659.6
17.5°	651.2	648.7	647.1	648.7	648.7	649.6	647.9	645.4	649.6	649.6	647.1
20°	637.9	634.6	633.8	633.8	634.6	635.4	632.9	631.3	634.6	634.6	631.3
22.5°	621.3	618.8	618.0	618.0	618.8	618.8	616.3	614.6	618.0	617.1	613.8
25°	604.7	602.2	601.3	602.2	602.2	602.2	598.8	598.0	599.7	598.8	595.5
27.5°	586.4	583.9	583.0	583.9	583.9	583.9	580.5	579.7	582.2	579.7	576.4
30°	566.4	563.9	563.1	563.9	564.7	563.1	559.8	560.6	562.2	558.9	556.4
32.5°	548.1	544.0	543.1	544.0	544.8	544.0	540.6	539.8	541.5	538.1	534.8
35°	525.7	522.3	523.2	524.0	523.2	522.3	518.2	519.0	517.3	515.7	512.3
37.5°	504.0	500.7	500.7	501.5	501.5	499.9	496.5	496.5	494.0	493.2	489.9
40°	481.6	478.2	478.2	479.1	479.1	476.6	474.1	474.9	473.3	469.9	466.6
42.5°	456.6	455.0	455.8	455.8	456.6	453.3	451.6	451.6	449.1	445.8	443.3
45°	433.3	430.8	432.5	433.3	433.3	430.0	429.2	426.7	425.8	423.4	420.0
47.5°	408.4	407.5	409.2	409.2	409.2	405.9	405.1	402.6	400.9	399.2	395.9
50°	384.3	383.4	385.1	385.1	385.1	380.9	381.8	377.6	378.4	374.3	371.8
52.5°	360.1	360.1	360.1	360.1	359.3	356.8	356.0	353.5	352.7	349.3	347.7
55°	334.4	334.4	336.0	335.2	334.4	332.7	331.0	327.7	327.7	324.4	321.9
57.5°	311.1	311.1	311.1	309.4	309.4	307.7	305.2	303.6	302.7	299.4	297.8
60°	285.3	286.1	284.5	283.6	283.6	282.0	280.3	279.5	277.0	273.6	272.8
62.5°	260.3	261.2	260.3	258.7	257.8	256.2	255.3	253.7	251.2	247.9	247.9
65°	233.7	234.5	234.5	232.1	232.1	231.2	230.4	227.9	225.4	222.9	222.1
67.5°	207.9	208.8	205.4	204.6	204.6	204.6	201.3	201.3	198.8	196.3	197.1
70°	183.0	182.1	181.3	178.8	179.7	178.0	176.3	175.5	173.0	171.3	171.3
72.5°	158.0	156.4	155.5	154.7	153.9	153.0	151.4	150.5	148.9	146.4	146.4
75°	133.1	131.4	130.6	129.7	128.9	128.1	125.6	125.6	123.9	122.3	122.3
77.5°	107.3	105.6	105.6	104.8	104.0	102.3	100.6	101.5	99.8	98.1	98.1
80°	82.3	81.5	81.5	80.7	79.0	78.2	78.2	77.4	75.7	73.2	73.2
82.5°	58.2	58.2	57.4	56.6	55.7	54.9	54.1	53.2	51.6	49.1	49.1
85°	35.8	34.9	34.9	34.1	33.3	31.6	29.9	29.1	27.4	25.8	25.8
87.5°	15.0	13.3	12.5	11.6	10.8	10.0	10.0	8.3	7.5	7.5	5.8
90°	0.8	0.8	0.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
92.5°	3.3	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
95°	5.0	5.8	7.5	7.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3
97.5°	7.5	8.3	9.1	10.0	10.0	11.6	11.6	12.5	12.5	12.5	12.5
100°	11.6	11.6	12.5	13.3	12.5	13.3	14.1	15.0	15.8	15.8	16.6
102.5°	17.5	15.8	15.0	15.8	16.6	17.5	16.6	17.5	17.5	18.3	19.1
105°	23.3	21.6	20.0	20.0	20.0	20.8	21.6	21.6	20.8	20.8	21.6
107.5°	30.8	27.4	25.0	25.0	24.1	24.1	25.0	26.6	26.6	25.8	25.8
110°	39.1	34.9	31.6	30.8	29.9	29.1	29.1	29.9	30.8	31.6	32.4



TEST NUMBER: P303065

CATALOG NUMBER: CTW-F-2575-30L930-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	48.2	43.2	39.1	37.4	36.6	34.1	33.3	33.3	34.1	35.8	36.6
115°	58.2	53.2	47.4	45.7	44.1	39.9	39.1	38.3	37.4	38.3	39.1
117.5°	68.2	62.4	56.6	54.1	51.6	47.4	44.9	43.2	42.4	42.4	42.4
120°	78.2	72.4	65.7	63.2	60.7	56.6	52.4	49.1	47.4	46.6	46.6
122.5°	88.2	82.3	76.5	73.2	70.7	64.9	61.5	56.6	54.1	51.6	50.7
125°	98.1	92.3	86.5	83.2	80.7	74.9	69.9	65.7	61.5	58.2	56.6
127.5°	107.3	101.5	96.5	93.2	90.7	84.0	79.8	75.7	70.7	66.5	64.0
130°	117.3	110.6	105.6	103.1	100.6	94.0	89.0	84.0	80.7	76.5	72.4
132.5°	126.4	120.6	114.8	112.3	109.8	104.0	99.8	94.0	89.8	86.5	82.3
135°	134.7	128.9	123.9	121.4	118.9	113.1	109.0	104.0	99.8	95.6	92.3
137.5°	143.1	137.2	132.2	130.6	128.1	122.3	118.1	113.9	109.0	105.6	101.5
140°	150.5	145.6	140.6	138.9	136.4	131.4	127.3	123.1	118.9	114.8	111.5
142.5°	158.0	153.0	148.0	146.4	143.9	139.7	135.6	132.2	128.1	124.8	121.4
145°	164.7	159.7	155.5	153.9	151.4	148.0	143.1	140.6	138.1	133.9	130.6
147.5°	171.3	166.3	162.2	160.5	159.7	155.5	151.4	148.9	146.4	143.1	139.7
150°	177.2	173.0	168.8	168.0	166.3	163.0	158.9	156.4	154.7	151.4	148.9
152.5°	183.8	178.8	175.5	174.7	173.0	169.7	166.3	163.9	162.2	158.9	156.4
155°	188.8	184.6	181.3	180.5	178.8	176.3	173.0	170.5	169.7	166.3	163.9
157.5°	193.8	189.6	187.1	185.5	184.6	183.0	179.7	177.2	176.3	173.8	171.3
160°	198.0	194.6	192.1	191.3	190.5	188.0	185.5	183.0	183.0	181.3	178.8
162.5°	202.1	198.8	197.1	196.3	195.5	193.8	191.3	189.6	189.6	187.1	185.5
165°	206.3	202.9	201.3	200.4	200.4	198.8	197.1	194.6	194.6	193.8	192.1
167.5°	210.4	206.3	205.4	204.6	204.6	203.8	202.1	200.4	199.6	199.6	197.1
170°	213.8	210.4	208.8	207.9	207.9	207.1	205.4	204.6	204.6	204.6	202.9
172.5°	216.2	213.8	212.9	212.9	212.9	212.1	211.3	208.8	208.8	210.4	207.1
175°	217.9	216.2	216.2	216.2	216.2	215.4	214.6	213.8	214.6	215.4	213.8
177.5°	219.6	217.9	217.9	217.9	218.7	218.7	217.9	217.1	217.9	218.7	217.9
180°	221.2	221.2	221.2	221.2	221.2	221.2	221.2	221.2	221.2	221.2	221.2



TEST NUMBER: P303065

CATALOG NUMBER: CTW-F-2575-30L930-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7
2.5°	698.7	697.8	697.0	697.0	697.8	694.5	691.2	691.2
5°	694.5	693.7	692.8	692.8	693.7	691.2	688.7	688.7
7.5°	688.7	687.8	687.0	687.8	689.5	687.0	684.5	684.5
10°	681.2	679.5	678.7	678.7	680.4	677.9	676.2	676.2
12.5°	670.4	669.5	667.9	668.7	669.5	667.9	665.4	667.0
15°	658.7	657.9	657.1	657.9	658.7	656.2	653.7	653.7
17.5°	646.3	645.4	643.8	645.4	645.4	642.1	639.6	639.6
20°	630.5	628.8	628.0	628.8	628.8	625.5	623.8	623.8
22.5°	612.2	610.5	609.7	610.5	609.7	607.2	605.5	606.3
25°	593.0	591.4	591.4	591.4	591.4	588.0	586.4	586.4
27.5°	573.9	572.2	571.4	572.2	571.4	568.1	565.6	565.6
30°	553.9	550.6	550.6	551.4	550.6	547.3	544.8	544.8
32.5°	532.3	529.8	530.6	530.6	529.0	525.7	524.0	524.0
35°	509.9	508.2	509.0	508.2	506.5	504.0	502.4	502.4
37.5°	486.6	485.7	485.7	486.6	483.2	480.7	479.9	479.9
40°	463.3	462.4	462.4	463.3	459.9	457.5	457.5	455.8
42.5°	440.0	439.2	440.0	439.2	436.7	434.2	433.3	431.7
45°	416.7	416.7	415.9	415.9	412.5	410.9	410.9	409.2
47.5°	392.6	392.6	391.7	390.1	388.4	387.6	385.9	385.9
50°	369.3	368.5	367.6	367.6	365.1	363.5	363.5	361.8
52.5°	344.3	344.3	344.3	342.7	340.2	338.5	339.3	337.7
55°	320.2	319.4	319.4	318.6	316.9	314.4	315.2	313.6
57.5°	296.9	295.3	293.6	293.6	291.9	289.4	289.4	289.4
60°	270.3	270.3	269.5	268.6	267.8	265.3	266.2	264.5
62.5°	247.0	244.5	244.5	243.7	242.9	240.4	242.0	240.4
65°	221.2	219.6	218.7	217.9	216.2	214.6	215.4	213.8
67.5°	193.8	193.0	193.0	192.1	191.3	189.6	191.3	189.6
70°	169.7	168.0	168.0	167.2	166.3	165.5	166.3	164.7
72.5°	144.7	144.7	143.9	143.1	142.2	142.2	142.2	143.1
75°	120.6	118.9	118.9	118.9	118.1	118.1	118.1	118.9
77.5°	97.3	95.6	94.8	94.0	94.0	94.0	94.0	94.8
80°	71.5	71.5	70.7	69.9	69.9	69.9	69.9	70.7
82.5°	47.4	47.4	46.6	45.7	45.7	45.7	44.9	45.7
85°	25.8	25.0	24.1	24.1	24.1	24.1	24.1	24.1
87.5°	6.7	5.8	5.8	5.8	6.7	6.7	5.8	6.7
90°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
92.5°	4.2	4.2	4.2	4.2	4.2	3.3	3.3	3.3
95°	8.3	8.3	8.3	7.5	7.5	7.5	7.5	7.5
97.5°	12.5	12.5	12.5	12.5	12.5	11.6	11.6	11.6
100°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
102.5°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
105°	21.6	22.5	22.5	22.5	23.3	23.3	23.3	23.3
107.5°	25.8	25.8	25.8	25.8	25.8	25.8	26.6	25.8
110°	31.6	30.8	30.8	29.9	29.9	29.9	29.9	29.9



TEST NUMBER: P303065

CATALOG NUMBER: CTW-F-2575-30L930-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	36.6	37.4	37.4	37.4	37.4	36.6	35.8	35.8
115°	40.8	41.6	41.6	41.6	41.6	42.4	42.4	42.4
117.5°	43.2	44.1	44.9	44.9	45.7	45.7	45.7	45.7
120°	46.6	47.4	47.4	47.4	48.2	48.2	48.2	48.2
122.5°	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
125°	55.7	54.9	54.9	54.1	54.1	54.1	53.2	53.2
127.5°	61.5	60.7	59.9	59.1	58.2	58.2	57.4	57.4
130°	69.9	68.2	66.5	66.5	64.9	63.2	63.2	62.4
132.5°	79.0	76.5	75.7	74.9	72.4	70.7	70.7	69.9
135°	89.0	86.5	85.7	84.8	81.5	79.8	79.8	79.0
137.5°	99.0	96.5	95.6	94.8	92.3	90.7	89.8	89.0
140°	108.1	105.6	104.8	104.0	102.3	100.6	99.8	99.0
142.5°	117.3	115.6	114.8	113.9	111.5	109.8	109.0	109.0
145°	127.3	124.8	124.8	123.1	121.4	119.8	118.9	118.1
147.5°	137.2	134.7	133.9	133.1	131.4	128.9	128.1	128.1
150°	145.6	143.9	143.1	142.2	140.6	138.9	138.1	137.2
152.5°	153.9	152.2	152.2	151.4	149.7	148.0	147.2	147.2
155°	162.2	159.7	159.7	159.7	158.0	157.2	156.4	156.4
157.5°	169.7	168.0	167.2	167.2	166.3	165.5	163.9	164.7
160°	177.2	176.3	174.7	174.7	174.7	173.0	172.2	173.0
162.5°	184.6	183.8	183.0	183.0	182.1	181.3	180.5	180.5
165°	190.5	189.6	188.8	188.8	189.6	188.8	188.0	187.1
167.5°	196.3	195.5	194.6	194.6	195.5	194.6	193.8	193.8
170°	202.1	201.3	200.4	200.4	200.4	200.4	199.6	199.6
172.5°	207.1	206.3	206.3	205.4	206.3	205.4	204.6	204.6
175°	213.8	212.9	212.9	212.1	212.9	210.4	207.9	208.8
177.5°	217.9	217.9	217.1	217.1	217.1	215.4	213.8	213.8
180°	221.2	221.2	221.2	221.2	221.2	221.2	221.2	221.2

(END OF REPORT)