

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: P303067

Luminaire Tested: **CTW-F-2575-30L940-UNV-STD-4**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P303067  
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-2575-30L940-UNV-STD-4  
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE  
25% UPLIGHT, 75% DOWNLIGHT, 3000 LUMEN PACKAGE  
Light Source: 4000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

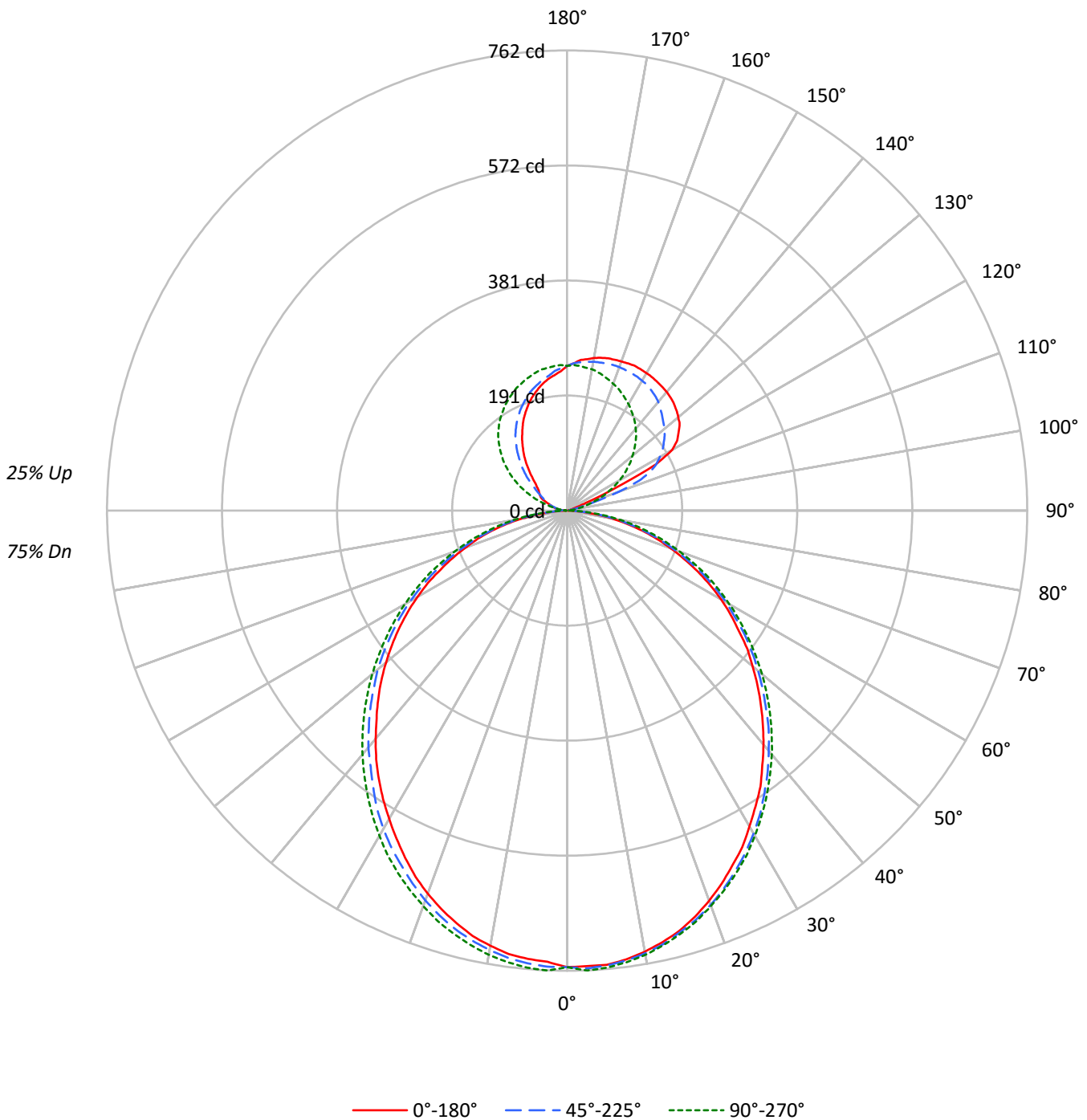
Lumens per Lamp: N/A  
Luminaire Lumens: 2692.8 lumens  
Efficiency: N/A  
Efficacy: 102.8 lumens/watt  
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32  
Luminous Opening: Rectangular (W 4' x L: 0.12' x H: 0')  
CIE Type: Semi-Direct

Input Watts (W): 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°	16275	16275	16275
5°	16318	16415	16104
10°	16211	16329	15995
15°	16047	16167	15766
20°	15753	15959	15464
25°	15392	15734	15071
30°	15012	15459	14654
35°	14665	15138	14286
40°	14214	14821	13860
45°	13810	14467	13481
50°	13413	14107	13112
55°	13005	13714	12735
60°	12671	13369	12323
65°	12149	13020	11782
70°	11500	12463	11216
75°	10705	11903	10705
80°	9372	11046	9484
85°	6225	9337	6447



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	71.4	2.7
10°-20°	202.2	7.5
20°-30°	299.5	11.1
30°-40°	351.5	13.1
40°-50°	356.1	13.2
50°-60°	317.7	11.8
60°-70°	242.4	9.0
70°-80°	142.5	5.3
80°-90°	37.7	1.4
90°-100°	6.9	0.3
100°-110°	29.6	1.1
110°-120°	82.4	3.1
120°-130°	117.9	4.4
130°-140°	127.1	4.7
140°-150°	120.8	4.5
150°-160°	99.3	3.7
160°-170°	65.1	2.4
170°-180°	22.7	0.8
0°-30°	573.1	21.3
0°-40°	924.6	34.3
0°-60°	1598.4	59.4
0°-90°	2020.9	75.1
90°-120°	119.0	4.4
90°-150°	484.8	18.0
90°-180°	672.0	25.0
0°-180°	2692.8	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	756	756	756	756	756	
5°	755	756	760	752	745	72
15°	720	723	725	717	707	203
25°	648	659	662	649	634	299
35°	558	570	576	560	544	348
45°	454	466	475	461	443	350
55°	346	359	365	355	339	311
65°	238	248	256	244	231	236
75°	129	135	143	134	129	136
85°	25	31	38	30	26	31
90°	1	1	1	2	2	1
95°	2	2	5	9	8	2
105°	8	22	32	22	25	9
115°	85	151	76	40	46	96
125°	225	195	122	67	58	201
135°	250	222	160	108	86	193
145°	260	243	191	149	128	163
155°	265	251	214	184	169	122
165°	261	252	231	211	202	74
175°	250	247	240	232	226	24
180°	239	239	239	239	239	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	756.0	756.0	756.0	756.0	756.0	756.0	756.0	756.0	756.0	756.0	756.0
2.5°	755.1	754.2	754.2	754.2	756.9	756.9	756.0	756.0	756.9	760.5	758.7
5°	755.1	754.2	754.2	752.4	754.2	754.2	753.3	753.3	754.2	757.8	756.0
7.5°	749.7	749.7	748.8	747.9	748.8	748.8	748.8	747.9	748.8	753.3	751.5
10°	741.6	741.6	740.7	739.8	740.7	740.7	740.7	740.7	741.6	746.1	744.3
12.5°	731.7	731.7	730.8	729.9	731.7	731.7	730.8	730.8	731.7	737.1	735.3
15°	720.0	720.0	720.0	719.1	720.9	720.0	720.0	720.0	720.0	724.5	722.7
17.5°	704.7	704.7	704.7	704.7	706.5	706.5	706.5	705.6	706.5	711.0	710.1
20°	687.6	687.6	687.6	687.6	688.5	689.4	688.5	689.4	689.4	694.8	694.8
22.5°	668.7	668.7	667.8	667.8	668.7	670.5	669.6	669.6	670.5	675.9	677.7
25°	648.0	648.0	648.0	648.9	649.8	650.7	649.8	651.6	651.6	657.0	658.8
27.5°	628.2	626.4	627.3	627.3	628.2	629.1	629.1	630.9	631.8	636.3	639.0
30°	603.9	603.0	603.9	604.8	604.8	606.6	607.5	608.4	609.3	612.0	617.4
32.5°	580.5	580.5	581.4	581.4	582.3	583.2	585.0	585.9	585.9	588.6	594.9
35°	558.0	556.2	556.2	557.1	558.9	559.8	559.8	561.6	561.6	565.2	569.7
37.5°	531.0	531.0	532.8	532.8	532.8	534.6	534.6	536.4	537.3	540.0	545.4
40°	505.8	504.9	506.7	506.7	507.6	508.5	510.3	511.2	513.0	514.8	519.3
42.5°	479.7	479.7	480.6	481.5	482.4	483.3	485.1	486.0	486.9	488.7	494.1
45°	453.6	453.6	454.5	455.4	456.3	456.3	458.1	459.9	461.7	464.4	466.2
47.5°	427.5	427.5	428.4	428.4	429.3	430.2	431.1	432.9	434.7	437.4	439.2
50°	400.5	400.5	402.3	402.3	404.1	403.2	405.0	405.9	408.6	410.4	413.1
52.5°	376.2	373.5	374.4	375.3	377.1	378.0	378.9	378.9	380.7	383.4	386.1
55°	346.5	347.4	348.3	348.3	350.1	350.1	351.9	351.9	353.7	356.4	359.1
57.5°	321.3	321.3	320.4	322.2	323.1	323.1	324.0	324.0	326.7	328.5	330.3
60°	294.3	292.5	293.4	294.3	295.2	294.3	297.0	297.0	298.8	300.6	304.2
62.5°	266.4	266.4	265.5	266.4	267.3	267.3	269.1	269.1	271.8	271.8	275.4
65°	238.5	237.6	237.6	238.5	240.3	240.3	241.2	242.1	243.0	243.9	247.5
67.5°	209.7	209.7	208.8	210.6	210.6	210.6	212.4	212.4	213.3	214.2	216.9
70°	182.7	181.8	181.8	183.6	182.7	183.6	185.4	185.4	187.2	187.2	189.0
72.5°	155.7	154.8	154.8	153.9	157.5	156.6	157.5	158.4	158.4	159.3	162.0
75°	128.7	128.7	127.8	127.8	128.7	129.6	130.5	131.4	132.3	132.3	135.0
77.5°	101.7	101.7	100.8	103.5	103.5	103.5	104.4	104.4	106.2	106.2	108.0
80°	75.6	74.7	74.7	75.6	77.4	77.4	77.4	78.3	79.2	81.0	81.9
82.5°	49.5	49.5	49.5	50.4	51.3	52.2	52.2	52.2	53.1	54.9	55.8
85°	25.2	25.2	25.2	25.2	27.0	27.0	27.0	27.9	29.7	29.7	30.6
87.5°	4.5	4.5	4.5	4.5	5.4	5.4	5.4	5.4	5.4	7.2	8.1
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°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
95°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
97.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.6	3.6	3.6
100°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.4	6.3
102.5°	5.4	5.4	5.4	5.4	6.3	6.3	6.3	7.2	7.2	9.0	10.8
105°	8.1	8.1	8.1	8.1	8.1	9.0	9.0	9.9	11.7	15.3	21.6
107.5°	10.8	10.8	10.8	11.7	12.6	13.5	14.4	18.0	23.4	33.3	47.7
110°	16.2	17.1	18.0	19.8	23.4	25.2	27.9	37.8	53.1	73.8	90.9



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	33.3	35.1	38.7	44.1	55.8	62.1	70.2	90.9	108.9	124.2	128.7
115°	84.6	92.7	97.2	105.3	122.4	128.7	135.9	145.8	153.9	155.7	151.2
117.5°	165.6	165.6	165.6	171.0	175.5	177.3	178.2	178.2	175.5	172.8	166.5
120°	200.7	200.7	199.8	199.8	198.9	198.0	196.2	193.5	189.0	184.5	177.3
122.5°	216.0	216.0	214.2	212.4	210.6	208.8	207.0	204.3	198.9	194.4	187.2
125°	225.0	225.0	223.2	221.4	219.6	217.8	216.0	212.4	207.9	202.5	195.3
127.5°	234.9	234.0	232.2	229.5	226.8	225.0	223.2	219.6	215.1	209.7	203.4
130°	240.3	240.3	238.5	236.7	234.9	233.1	231.3	225.9	220.5	216.0	210.6
132.5°	245.7	244.8	243.9	242.1	239.4	238.5	236.7	233.1	226.8	221.4	216.0
135°	250.2	249.3	248.4	246.6	244.8	243.0	242.1	238.5	234.0	226.8	222.3
137.5°	253.8	252.9	252.0	251.1	248.4	247.5	245.7	243.0	238.5	234.0	228.6
140°	256.5	254.7	254.7	253.8	251.1	250.2	249.3	245.7	242.1	238.5	234.9
142.5°	258.3	257.4	257.4	256.5	253.8	253.8	252.0	249.3	245.7	243.0	239.4
145°	260.1	259.2	259.2	258.3	256.5	256.5	254.7	252.0	248.4	245.7	243.0
147.5°	261.9	261.0	261.0	260.1	259.2	258.3	257.4	254.7	251.1	248.4	246.6
150°	262.8	262.8	261.9	261.0	260.1	259.2	258.3	255.6	252.9	251.1	248.4
152.5°	263.7	263.7	262.8	262.8	261.0	261.0	259.2	257.4	254.7	252.9	250.2
155°	264.6	264.6	263.7	262.8	261.9	261.0	260.1	257.4	254.7	253.8	251.1
157.5°	263.7	263.7	263.7	262.8	261.9	261.0	259.2	257.4	255.6	254.7	252.0
160°	262.8	263.7	262.8	261.9	261.0	261.0	260.1	257.4	255.6	255.6	252.9
162.5°	261.9	262.8	261.9	261.9	261.0	260.1	259.2	257.4	255.6	254.7	252.9
165°	261.0	261.0	261.0	260.1	259.2	258.3	258.3	255.6	254.7	254.7	252.0
167.5°	259.2	259.2	258.3	257.4	256.5	256.5	255.6	253.8	253.8	253.8	251.1
170°	256.5	256.5	255.6	254.7	254.7	253.8	253.8	252.0	252.0	252.0	250.2
172.5°	252.9	252.9	252.9	252.0	252.0	251.1	251.1	249.3	249.3	250.2	248.4
175°	250.2	249.3	249.3	248.4	248.4	248.4	247.5	246.6	247.5	247.5	246.6
177.5°	243.9	243.9	243.9	243.9	244.8	244.8	244.8	243.9	243.9	244.8	243.9
180°	239.4	239.4	239.4	239.4	239.4	239.4	239.4	239.4	239.4	239.4	239.4



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	756.0	756.0	756.0	756.0	756.0	756.0	756.0	756.0	756.0	756.0	756.0
2.5°	753.3	751.5	751.5	754.2	755.1	756.0	756.9	760.5	761.4	762.3	761.4
5°	751.5	749.7	748.8	751.5	752.4	753.3	754.2	756.9	758.7	759.6	757.8
7.5°	746.1	744.3	744.3	747.0	747.0	748.8	748.8	752.4	753.3	754.2	753.3
10°	739.8	738.0	737.1	739.8	740.7	741.6	741.6	744.3	746.1	747.0	745.2
12.5°	729.9	728.1	727.2	729.9	730.8	731.7	732.6	735.3	736.2	737.1	736.2
15°	719.1	716.4	715.5	719.1	720.0	720.9	720.9	723.6	724.5	725.4	724.5
17.5°	705.6	702.9	702.9	704.7	707.4	707.4	707.4	710.1	711.9	712.8	711.0
20°	691.2	688.5	687.6	690.3	691.2	693.0	693.0	694.8	696.6	696.6	696.6
22.5°	674.1	671.4	670.5	673.2	674.1	675.0	675.9	677.7	679.5	680.4	678.6
25°	656.1	653.4	652.5	655.2	656.1	657.0	657.9	661.5	661.5	662.4	660.6
27.5°	635.4	633.6	631.8	634.5	637.2	638.1	638.1	640.8	641.7	643.5	640.8
30°	614.7	612.0	611.1	612.9	615.6	616.5	616.5	620.1	621.0	621.9	619.2
32.5°	593.1	590.4	589.5	591.3	594.0	594.9	594.9	597.6	598.5	599.4	597.6
35°	569.7	567.9	566.1	567.9	569.7	571.5	571.5	574.2	575.1	576.0	574.2
37.5°	547.2	544.5	542.7	543.6	545.4	548.1	548.1	551.7	551.7	551.7	549.9
40°	522.9	519.3	518.4	518.4	521.1	522.9	522.9	526.5	526.5	527.4	524.7
42.5°	497.7	495.0	494.1	493.2	495.9	496.8	497.7	501.3	500.4	501.3	498.6
45°	471.6	468.9	468.9	468.9	469.8	471.6	472.5	474.3	475.2	475.2	473.4
47.5°	443.7	442.8	442.8	442.8	444.6	444.6	445.5	447.3	447.3	448.2	446.4
50°	416.7	416.7	415.8	416.7	417.6	417.6	419.4	421.2	421.2	421.2	419.4
52.5°	387.9	388.8	388.8	389.7	390.6	390.6	393.3	395.1	395.1	393.3	391.5
55°	360.0	361.8	361.8	363.6	363.6	364.5	364.5	366.3	366.3	365.4	363.6
57.5°	333.0	333.9	333.9	335.7	336.6	336.6	338.4	340.2	340.2	338.4	336.6
60°	305.1	306.9	306.0	307.8	309.6	309.6	309.6	312.3	310.5	310.5	309.6
62.5°	277.2	277.2	278.1	279.9	280.8	280.8	282.6	284.4	284.4	282.6	281.7
65°	249.3	250.2	250.2	252.0	252.9	253.8	253.8	255.6	254.7	255.6	253.8
67.5°	219.6	220.5	220.5	221.4	223.2	223.2	225.0	225.9	226.8	225.9	225.0
70°	190.8	190.8	193.5	193.5	195.3	195.3	198.0	198.0	199.8	198.0	197.1
72.5°	162.9	163.8	166.5	165.6	167.4	167.4	170.1	171.0	171.9	170.1	171.0
75°	135.9	135.9	138.6	138.6	140.4	140.4	143.1	143.1	144.0	143.1	142.2
77.5°	108.9	108.9	110.7	111.6	112.5	113.4	115.2	115.2	117.0	116.1	117.0
80°	82.8	83.7	84.6	86.4	86.4	87.3	87.3	89.1	90.0	89.1	90.0
82.5°	56.7	58.5	59.4	59.4	60.3	62.1	63.0	63.0	63.9	63.0	64.8
85°	31.5	32.4	34.2	36.0	36.0	36.9	37.8	38.7	38.7	37.8	37.8
87.5°	9.0	9.9	12.6	12.6	12.6	14.4	15.3	15.3	16.2	15.3	17.1
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°	0.9	0.9	0.9	1.8	1.8	1.8	2.7	2.7	2.7	1.8	2.7
95°	2.7	2.7	3.6	5.4	6.3	7.2	8.1	8.1	6.3	5.4	5.4
97.5°	4.5	5.4	8.1	11.7	13.5	15.3	16.2	14.4	11.7	9.9	9.0
100°	8.1	11.7	17.1	23.4	25.2	27.0	26.1	23.4	19.8	16.2	14.4
102.5°	16.2	23.4	33.3	41.4	41.4	41.4	38.7	34.2	28.8	23.4	20.7
105°	34.2	46.8	57.6	61.2	59.4	58.5	52.2	45.9	38.7	32.4	28.8
107.5°	68.4	79.2	81.9	80.1	76.5	73.8	65.7	58.5	49.5	42.3	37.8
110°	104.4	105.3	102.6	96.3	91.8	88.2	79.2	71.1	62.1	54.0	46.8





TEST NUMBER: P303067

CATALOG NUMBER: CTW-F-2575-30L940-UNV-STD-4

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	129.6	125.1	118.8	110.7	105.3	101.7	92.7	83.7	73.8	65.7	57.6
115°	146.7	139.5	132.3	122.4	118.8	114.3	105.3	96.3	86.4	76.5	69.3
117.5°	159.3	151.2	144.0	135.0	130.5	126.0	117.0	107.1	97.2	89.1	81.0
120°	170.1	162.9	154.8	145.8	142.2	137.7	128.7	118.8	108.9	99.9	91.8
122.5°	180.0	172.8	164.7	156.6	152.1	148.5	139.5	129.6	119.7	111.6	103.5
125°	189.0	181.8	174.6	165.6	162.0	157.5	148.5	138.6	130.5	121.5	113.4
127.5°	197.1	189.9	182.7	174.6	171.0	166.5	157.5	148.5	140.4	132.3	124.2
130°	205.2	198.0	190.8	182.7	178.2	174.6	166.5	157.5	149.4	141.3	134.1
132.5°	211.5	205.2	197.1	189.9	185.4	181.8	174.6	166.5	159.3	151.2	144.0
135°	217.8	210.6	204.3	196.2	192.6	189.0	181.8	174.6	167.4	160.2	153.0
137.5°	223.2	216.0	209.7	201.6	198.9	196.2	189.0	181.8	175.5	169.2	162.0
140°	228.6	221.4	214.2	207.0	204.3	201.6	195.3	189.0	182.7	176.4	171.0
142.5°	234.0	225.0	217.8	211.5	209.7	207.0	200.7	195.3	189.9	184.5	178.2
145°	237.6	229.5	221.4	216.9	214.2	211.5	206.1	200.7	196.2	190.8	185.4
147.5°	241.2	234.0	226.8	220.5	218.7	216.0	211.5	207.0	202.5	197.1	191.7
150°	243.0	236.7	230.4	225.9	223.2	220.5	216.0	211.5	207.9	203.4	198.0
152.5°	245.7	239.4	234.9	229.5	228.6	225.0	220.5	217.8	213.3	208.8	204.3
155°	246.6	241.2	237.6	234.0	233.1	229.5	225.0	221.4	217.8	214.2	209.7
157.5°	247.5	243.0	238.5	236.7	234.9	234.0	229.5	225.9	222.3	219.6	215.1
160°	248.4	243.9	240.3	238.5	237.6	235.8	233.1	231.3	225.9	223.2	218.7
162.5°	248.4	244.8	242.1	240.3	239.4	238.5	235.8	234.0	231.3	227.7	223.2
165°	248.4	245.7	243.0	242.1	241.2	240.3	237.6	236.7	234.0	231.3	227.7
167.5°	248.4	245.7	243.9	243.0	242.1	241.2	239.4	238.5	236.7	234.9	232.2
170°	247.5	245.7	243.9	243.0	243.0	242.1	240.3	240.3	238.5	237.6	234.9
172.5°	245.7	244.8	243.0	243.0	243.0	242.1	240.3	240.3	239.4	238.5	236.7
175°	243.9	243.0	242.1	242.1	242.1	241.2	240.3	241.2	240.3	240.3	238.5
177.5°	241.2	240.3	240.3	240.3	240.3	240.3	240.3	240.3	240.3	241.2	239.4
180°	239.4	239.4	239.4	239.4	239.4	239.4	239.4	239.4	239.4	239.4	239.4



TEST NUMBER: P303067

CATALOG NUMBER: CTW-F-2575-30L940-UNV-STD-4

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	756.0	756.0	756.0	756.0	756.0	756.0	756.0	756.0	756.0	756.0	756.0
2.5°	756.0	752.4	752.4	752.4	754.2	755.1	755.1	752.4	756.0	758.7	756.0
5°	752.4	748.8	748.8	749.7	750.6	751.5	751.5	748.8	752.4	755.1	751.5
7.5°	747.9	743.4	743.4	744.3	745.2	746.1	746.1	743.4	747.0	748.8	745.2
10°	739.8	736.2	735.3	736.2	738.0	738.9	738.0	735.3	738.9	740.7	738.0
12.5°	729.9	726.3	726.3	726.3	728.1	728.1	728.1	724.5	729.0	729.9	726.3
15°	718.2	714.6	714.6	714.6	715.5	716.4	715.5	712.8	717.3	717.3	713.7
17.5°	704.7	702.0	700.2	702.0	702.0	702.9	701.1	698.4	702.9	702.9	700.2
20°	690.3	686.7	685.8	685.8	686.7	687.6	684.9	683.1	686.7	686.7	683.1
22.5°	672.3	669.6	668.7	668.7	669.6	669.6	666.9	665.1	668.7	667.8	664.2
25°	654.3	651.6	650.7	651.6	651.6	651.6	648.0	647.1	648.9	648.0	644.4
27.5°	634.5	631.8	630.9	631.8	631.8	631.8	628.2	627.3	630.0	627.3	623.7
30°	612.9	610.2	609.3	610.2	611.1	609.3	605.7	606.6	608.4	604.8	602.1
32.5°	593.1	588.6	587.7	588.6	589.5	588.6	585.0	584.1	585.9	582.3	578.7
35°	568.8	565.2	566.1	567.0	566.1	565.2	560.7	561.6	559.8	558.0	554.4
37.5°	545.4	541.8	541.8	542.7	542.7	540.9	537.3	537.3	534.6	533.7	530.1
40°	521.1	517.5	517.5	518.4	518.4	515.7	513.0	513.9	512.1	508.5	504.9
42.5°	494.1	492.3	493.2	493.2	494.1	490.5	488.7	488.7	486.0	482.4	479.7
45°	468.9	466.2	468.0	468.9	468.9	465.3	464.4	461.7	460.8	458.1	454.5
47.5°	441.9	441.0	442.8	442.8	442.8	439.2	438.3	435.6	433.8	432.0	428.4
50°	415.8	414.9	416.7	416.7	416.7	412.2	413.1	408.6	409.5	405.0	402.3
52.5°	389.7	389.7	389.7	389.7	388.8	386.1	385.2	382.5	381.6	378.0	376.2
55°	361.8	361.8	363.6	362.7	361.8	360.0	358.2	354.6	354.6	351.0	348.3
57.5°	336.6	336.6	336.6	334.8	334.8	333.0	330.3	328.5	327.6	324.0	322.2
60°	308.7	309.6	307.8	306.9	306.9	305.1	303.3	302.4	299.7	296.1	295.2
62.5°	281.7	282.6	281.7	279.9	279.0	277.2	276.3	274.5	271.8	268.2	268.2
65°	252.9	253.8	253.8	251.1	251.1	250.2	249.3	246.6	243.9	241.2	240.3
67.5°	225.0	225.9	222.3	221.4	221.4	221.4	217.8	217.8	215.1	212.4	213.3
70°	198.0	197.1	196.2	193.5	194.4	192.6	190.8	189.9	187.2	185.4	185.4
72.5°	171.0	169.2	168.3	167.4	166.5	165.6	163.8	162.9	161.1	158.4	158.4
75°	144.0	142.2	141.3	140.4	139.5	138.6	135.9	135.9	134.1	132.3	132.3
77.5°	116.1	114.3	114.3	113.4	112.5	110.7	108.9	109.8	108.0	106.2	106.2
80°	89.1	88.2	88.2	87.3	85.5	84.6	84.6	83.7	81.9	79.2	79.2
82.5°	63.0	63.0	62.1	61.2	60.3	59.4	58.5	57.6	55.8	53.1	53.1
85°	38.7	37.8	37.8	36.9	36.0	34.2	32.4	31.5	29.7	27.9	27.9
87.5°	16.2	14.4	13.5	12.6	11.7	10.8	10.8	9.0	8.1	8.1	6.3
90°	0.9	0.9	0.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
92.5°	3.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
95°	5.4	6.3	8.1	8.1	9.0	9.0	9.0	9.0	9.0	9.0	9.0
97.5°	8.1	9.0	9.9	10.8	10.8	12.6	12.6	13.5	13.5	13.5	13.5
100°	12.6	12.6	13.5	14.4	13.5	14.4	15.3	16.2	17.1	17.1	18.0
102.5°	18.9	17.1	16.2	17.1	18.0	18.9	18.0	18.9	18.9	19.8	20.7
105°	25.2	23.4	21.6	21.6	21.6	22.5	23.4	23.4	22.5	22.5	23.4
107.5°	33.3	29.7	27.0	27.0	26.1	26.1	27.0	28.8	28.8	27.9	27.9
110°	42.3	37.8	34.2	33.3	32.4	31.5	31.5	32.4	33.3	34.2	35.1



TEST NUMBER: P303067

CATALOG NUMBER: CTW-F-2575-30L940-UNV-STD-4

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	52.2	46.8	42.3	40.5	39.6	36.9	36.0	36.0	36.9	38.7	39.6
115°	63.0	57.6	51.3	49.5	47.7	43.2	42.3	41.4	40.5	41.4	42.3
117.5°	73.8	67.5	61.2	58.5	55.8	51.3	48.6	46.8	45.9	45.9	45.9
120°	84.6	78.3	71.1	68.4	65.7	61.2	56.7	53.1	51.3	50.4	50.4
122.5°	95.4	89.1	82.8	79.2	76.5	70.2	66.6	61.2	58.5	55.8	54.9
125°	106.2	99.9	93.6	90.0	87.3	81.0	75.6	71.1	66.6	63.0	61.2
127.5°	116.1	109.8	104.4	100.8	98.1	90.9	86.4	81.9	76.5	72.0	69.3
130°	126.9	119.7	114.3	111.6	108.9	101.7	96.3	90.9	87.3	82.8	78.3
132.5°	136.8	130.5	124.2	121.5	118.8	112.5	108.0	101.7	97.2	93.6	89.1
135°	145.8	139.5	134.1	131.4	128.7	122.4	117.9	112.5	108.0	103.5	99.9
137.5°	154.8	148.5	143.1	141.3	138.6	132.3	127.8	123.3	117.9	114.3	109.8
140°	162.9	157.5	152.1	150.3	147.6	142.2	137.7	133.2	128.7	124.2	120.6
142.5°	171.0	165.6	160.2	158.4	155.7	151.2	146.7	143.1	138.6	135.0	131.4
145°	178.2	172.8	168.3	166.5	163.8	160.2	154.8	152.1	149.4	144.9	141.3
147.5°	185.4	180.0	175.5	173.7	172.8	168.3	163.8	161.1	158.4	154.8	151.2
150°	191.7	187.2	182.7	181.8	180.0	176.4	171.9	169.2	167.4	163.8	161.1
152.5°	198.9	193.5	189.9	189.0	187.2	183.6	180.0	177.3	175.5	171.9	169.2
155°	204.3	199.8	196.2	195.3	193.5	190.8	187.2	184.5	183.6	180.0	177.3
157.5°	209.7	205.2	202.5	200.7	199.8	198.0	194.4	191.7	190.8	188.1	185.4
160°	214.2	210.6	207.9	207.0	206.1	203.4	200.7	198.0	198.0	196.2	193.5
162.5°	218.7	215.1	213.3	212.4	211.5	209.7	207.0	205.2	205.2	202.5	200.7
165°	223.2	219.6	217.8	216.9	216.9	215.1	213.3	210.6	210.6	209.7	207.9
167.5°	227.7	223.2	222.3	221.4	221.4	220.5	218.7	216.9	216.0	216.0	213.3
170°	231.3	227.7	225.9	225.0	225.0	224.1	222.3	221.4	221.4	221.4	219.6
172.5°	234.0	231.3	230.4	230.4	230.4	229.5	228.6	225.9	225.9	227.7	224.1
175°	235.8	234.0	234.0	234.0	234.0	233.1	232.2	231.3	232.2	233.1	231.3
177.5°	237.6	235.8	235.8	235.8	236.7	236.7	235.8	234.9	235.8	236.7	235.8
180°	239.4	239.4	239.4	239.4	239.4	239.4	239.4	239.4	239.4	239.4	239.4



TEST NUMBER: P303067

CATALOG NUMBER: CTW-F-2575-30L940-UNV-STD-4

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	756.0	756.0	756.0	756.0	756.0	756.0	756.0	756.0
2.5°	756.0	755.1	754.2	754.2	755.1	751.5	747.9	747.9
5°	751.5	750.6	749.7	749.7	750.6	747.9	745.2	745.2
7.5°	745.2	744.3	743.4	744.3	746.1	743.4	740.7	740.7
10°	737.1	735.3	734.4	734.4	736.2	733.5	731.7	731.7
12.5°	725.4	724.5	722.7	723.6	724.5	722.7	720.0	721.8
15°	712.8	711.9	711.0	711.9	712.8	710.1	707.4	707.4
17.5°	699.3	698.4	696.6	698.4	698.4	694.8	692.1	692.1
20°	682.2	680.4	679.5	680.4	680.4	676.8	675.0	675.0
22.5°	662.4	660.6	659.7	660.6	659.7	657.0	655.2	656.1
25°	641.7	639.9	639.9	639.9	639.9	636.3	634.5	634.5
27.5°	621.0	619.2	618.3	619.2	618.3	614.7	612.0	612.0
30°	599.4	595.8	595.8	596.7	595.8	592.2	589.5	589.5
32.5°	576.0	573.3	574.2	574.2	572.4	568.8	567.0	567.0
35°	551.7	549.9	550.8	549.9	548.1	545.4	543.6	543.6
37.5°	526.5	525.6	525.6	526.5	522.9	520.2	519.3	519.3
40°	501.3	500.4	500.4	501.3	497.7	495.0	495.0	493.2
42.5°	476.1	475.2	476.1	475.2	472.5	469.8	468.9	467.1
45°	450.9	450.9	450.0	450.0	446.4	444.6	444.6	442.8
47.5°	424.8	424.8	423.9	422.1	420.3	419.4	417.6	417.6
50°	399.6	398.7	397.8	397.8	395.1	393.3	393.3	391.5
52.5°	372.6	372.6	372.6	370.8	368.1	366.3	367.2	365.4
55°	346.5	345.6	345.6	344.7	342.9	340.2	341.1	339.3
57.5°	321.3	319.5	317.7	317.7	315.9	313.2	313.2	313.2
60°	292.5	292.5	291.6	290.7	289.8	287.1	288.0	286.2
62.5°	267.3	264.6	264.6	263.7	262.8	260.1	261.9	260.1
65°	239.4	237.6	236.7	235.8	234.0	232.2	233.1	231.3
67.5°	209.7	208.8	208.8	207.9	207.0	205.2	207.0	205.2
70°	183.6	181.8	181.8	180.9	180.0	179.1	180.0	178.2
72.5°	156.6	156.6	155.7	154.8	153.9	153.9	153.9	154.8
75°	130.5	128.7	128.7	128.7	127.8	127.8	127.8	128.7
77.5°	105.3	103.5	102.6	101.7	101.7	101.7	101.7	102.6
80°	77.4	77.4	76.5	75.6	75.6	75.6	75.6	76.5
82.5°	51.3	51.3	50.4	49.5	49.5	49.5	48.6	49.5
85°	27.9	27.0	26.1	26.1	26.1	26.1	26.1	26.1
87.5°	7.2	6.3	6.3	6.3	7.2	7.2	6.3	7.2
90°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
92.5°	4.5	4.5	4.5	4.5	4.5	3.6	3.6	3.6
95°	9.0	9.0	9.0	8.1	8.1	8.1	8.1	8.1
97.5°	13.5	13.5	13.5	13.5	13.5	12.6	12.6	12.6
100°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
102.5°	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
105°	23.4	24.3	24.3	24.3	25.2	25.2	25.2	25.2
107.5°	27.9	27.9	27.9	27.9	27.9	27.9	28.8	27.9
110°	34.2	33.3	33.3	32.4	32.4	32.4	32.4	32.4



TEST NUMBER: P303067

CATALOG NUMBER: CTW-F-2575-30L940-UNV-STD-4

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	39.6	40.5	40.5	40.5	40.5	39.6	38.7	38.7
115°	44.1	45.0	45.0	45.0	45.0	45.9	45.9	45.9
117.5°	46.8	47.7	48.6	48.6	49.5	49.5	49.5	49.5
120°	50.4	51.3	51.3	51.3	52.2	52.2	52.2	52.2
122.5°	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
125°	60.3	59.4	59.4	58.5	58.5	58.5	57.6	57.6
127.5°	66.6	65.7	64.8	63.9	63.0	63.0	62.1	62.1
130°	75.6	73.8	72.0	72.0	70.2	68.4	68.4	67.5
132.5°	85.5	82.8	81.9	81.0	78.3	76.5	76.5	75.6
135°	96.3	93.6	92.7	91.8	88.2	86.4	86.4	85.5
137.5°	107.1	104.4	103.5	102.6	99.9	98.1	97.2	96.3
140°	117.0	114.3	113.4	112.5	110.7	108.9	108.0	107.1
142.5°	126.9	125.1	124.2	123.3	120.6	118.8	117.9	117.9
145°	137.7	135.0	135.0	133.2	131.4	129.6	128.7	127.8
147.5°	148.5	145.8	144.9	144.0	142.2	139.5	138.6	138.6
150°	157.5	155.7	154.8	153.9	152.1	150.3	149.4	148.5
152.5°	166.5	164.7	164.7	163.8	162.0	160.2	159.3	159.3
155°	175.5	172.8	172.8	172.8	171.0	170.1	169.2	169.2
157.5°	183.6	181.8	180.9	180.9	180.0	179.1	177.3	178.2
160°	191.7	190.8	189.0	189.0	189.0	187.2	186.3	187.2
162.5°	199.8	198.9	198.0	198.0	197.1	196.2	195.3	195.3
165°	206.1	205.2	204.3	204.3	205.2	204.3	203.4	202.5
167.5°	212.4	211.5	210.6	210.6	211.5	210.6	209.7	209.7
170°	218.7	217.8	216.9	216.9	216.9	216.9	216.0	216.0
172.5°	224.1	223.2	223.2	222.3	223.2	222.3	221.4	221.4
175°	231.3	230.4	230.4	229.5	230.4	227.7	225.0	225.9
177.5°	235.8	235.8	234.9	234.9	234.9	233.1	231.3	231.3
180°	239.4	239.4	239.4	239.4	239.4	239.4	239.4	239.4

(END OF REPORT)