

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: P303051

Luminaire Tested: **CTW-F-2575-20L830-UNV-STD-6**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P303051  
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-2575-20L830-UNV-STD-6  
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE  
25% UPLIGHT, 75% DOWNLIGHT, 2000 LUMEN PACKAGE  
Light Source: 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

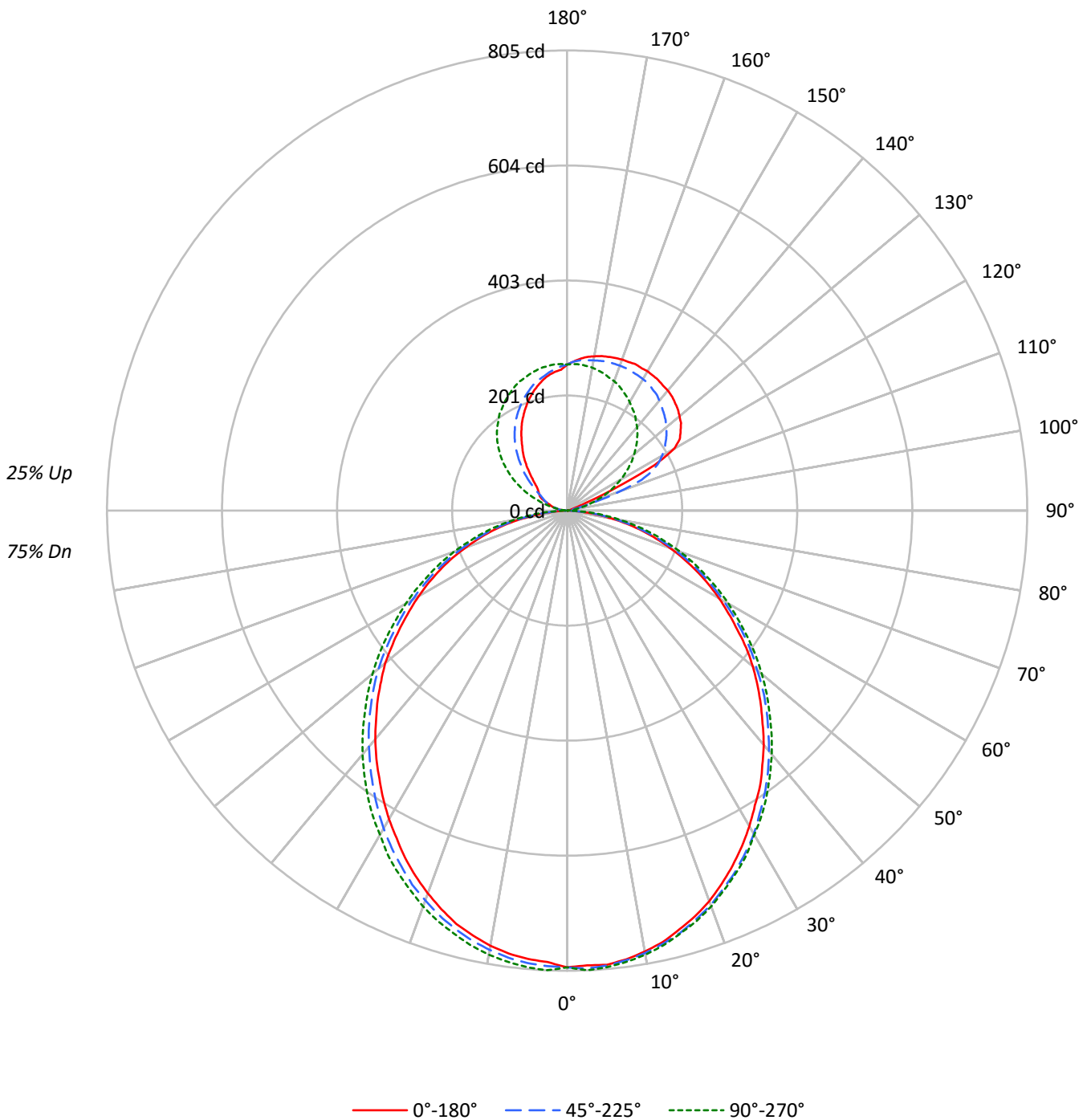
Lumens per Lamp: N/A  
Luminaire Lumens: 2853.5 lumens  
Efficiency: N/A  
Efficacy: 113.2 lumens/watt  
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32  
Luminous Opening: Rectangular (W 6' x L: 0.12' x H: 0')  
CIE Type: Semi-Direct

Input Watts (W): 25.2  
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	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°	11467	11467	11467
5°	11491	11553	11345
10°	11414	11497	11267
15°	11273	11380	11123
20°	11102	11256	10882
25°	10849	11077	10621
30°	10565	10851	10326
35°	10311	10665	10032
40°	10025	10430	9782
45°	9718	10158	9513
50°	9467	9918	9275
55°	9095	9636	8913
60°	8818	9357	8611
65°	8473	9060	8327
70°	8048	8837	7927
75°	7519	8479	7436
80°	6438	7868	6438
85°	4281	6883	4281



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	75.4	2.6
10°-20°	213.6	7.5
20°-30°	316.4	11.1
30°-40°	371.2	13.0
40°-50°	376.2	13.2
50°-60°	333.8	11.7
60°-70°	254.5	8.9
70°-80°	150.6	5.3
80°-90°	39.7	1.4
90°-100°	7.4	0.3
100°-110°	31.9	1.1
110°-120°	88.7	3.1
120°-130°	126.9	4.4
130°-140°	136.6	4.8
140°-150°	129.8	4.5
150°-160°	106.5	3.7
160°-170°	69.8	2.4
170°-180°	24.3	0.8
0°-30°	605.4	21.2
0°-40°	976.7	34.2
0°-60°	1686.7	59.1
0°-90°	2131.6	74.7
90°-120°	128.0	4.5
90°-150°	521.3	18.3
90°-180°	722.0	25.3
0°-180°	2853.5	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	799	799	799	799	799	
5°	798	799	802	795	788	76
15°	759	764	766	757	749	214
25°	685	697	700	686	671	315
35°	588	603	609	591	573	367
45°	479	493	500	486	469	370
55°	364	376	385	371	356	326
65°	250	258	267	255	245	247
75°	136	141	153	141	134	142
85°	26	32	42	32	26	32
90°	0	0	0	1	3	1
95°	1	3	6	10	9	2
105°	9	24	35	24	27	10
115°	92	164	84	45	49	102
125°	242	211	131	72	62	216
135°	267	239	173	115	92	206
145°	278	260	206	160	137	174
155°	283	268	231	198	182	130
165°	278	270	248	228	219	79
175°	267	264	257	248	244	26
180°	255	255	255	255	255	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	799.0	799.0	799.0	799.0	799.0	799.0	799.0	799.0	799.0	799.0	799.0
2.5°	796.2	796.2	796.2	797.6	799.0	799.0	799.0	797.6	799.0	803.4	801.9
5°	797.6	796.2	796.2	794.7	796.2	796.2	796.2	794.7	796.2	800.5	799.0
7.5°	791.8	791.8	791.8	790.4	791.8	790.4	790.4	788.9	791.8	794.7	793.3
10°	783.2	781.7	781.7	781.7	783.2	783.2	781.7	781.7	783.2	787.5	786.1
12.5°	773.1	773.1	773.1	771.6	773.1	773.1	773.1	771.6	773.1	777.4	776.0
15°	758.7	760.1	760.1	758.7	761.5	761.5	760.1	760.1	761.5	764.4	764.4
17.5°	744.2	744.2	744.2	744.2	747.1	745.7	745.7	745.7	747.1	750.0	750.0
20°	726.9	726.9	726.9	725.5	728.4	728.4	728.4	728.4	729.8	734.1	734.1
22.5°	706.7	706.7	706.7	706.7	708.2	708.2	708.2	708.2	709.6	713.9	715.4
25°	685.1	685.1	685.1	685.1	686.5	686.5	686.5	688.0	689.4	693.7	696.6
27.5°	662.0	663.5	663.5	663.5	663.5	664.9	664.9	666.3	667.8	670.7	675.0
30°	637.5	637.5	638.9	638.9	640.4	640.4	640.4	641.8	644.7	647.6	653.4
32.5°	611.5	613.0	614.4	614.4	615.9	615.9	617.3	617.3	620.2	621.6	627.4
35°	588.5	588.5	587.0	589.9	589.9	589.9	591.3	592.8	592.8	595.7	602.9
37.5°	561.1	562.5	561.1	563.9	565.4	563.9	565.4	566.8	568.3	569.7	576.9
40°	535.1	535.1	535.1	536.5	538.0	538.0	538.0	539.4	542.3	545.2	549.5
42.5°	506.2	507.7	507.7	509.1	510.6	509.1	510.6	513.5	514.9	517.8	520.7
45°	478.8	480.3	478.8	481.7	483.2	483.2	483.2	486.1	487.5	488.9	493.3
47.5°	451.4	452.9	451.4	452.9	455.8	455.8	455.8	457.2	460.1	461.5	464.4
50°	424.0	424.0	424.0	425.5	426.9	428.4	428.4	428.4	431.2	432.7	434.1
52.5°	395.2	395.2	395.2	398.1	398.1	398.1	399.5	401.0	402.4	405.3	406.7
55°	363.5	363.5	363.5	364.9	366.3	366.3	367.8	369.2	370.7	372.1	376.4
57.5°	334.6	336.1	334.6	336.1	337.5	337.5	340.4	340.4	341.8	343.3	346.2
60°	307.2	307.2	307.2	307.2	308.7	308.7	308.7	310.1	313.0	314.4	315.9
62.5°	278.4	278.4	278.4	279.8	279.8	279.8	281.2	282.7	284.1	285.6	287.0
65°	249.5	249.5	249.5	251.0	251.0	251.0	251.0	253.8	255.3	256.7	258.2
67.5°	220.7	220.7	220.7	222.1	222.1	222.1	223.6	225.0	226.4	227.9	229.3
70°	191.8	193.3	191.8	193.3	193.3	193.3	194.7	196.2	196.2	199.0	199.0
72.5°	163.0	163.0	163.0	164.4	164.4	165.9	165.9	167.3	167.3	168.7	170.2
75°	135.6	134.1	135.6	137.0	135.6	135.6	137.0	138.5	139.9	141.3	141.3
77.5°	106.7	106.7	106.7	108.2	109.6	108.2	109.6	111.1	111.1	113.9	112.5
80°	77.9	77.9	79.3	80.8	80.8	80.8	80.8	82.2	83.7	85.1	85.1
82.5°	50.5	51.9	51.9	53.4	53.4	53.4	54.8	54.8	56.2	57.7	57.7
85°	26.0	27.4	26.0	27.4	27.4	28.8	28.8	28.8	30.3	31.7	31.7
87.5°	5.8	4.3	4.3	5.8	4.3	5.8	5.8	5.8	5.8	7.2	10.1
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°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
95°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.9	2.9	2.9
97.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	4.3	4.3
100°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	5.8	5.8	5.8	7.2
102.5°	5.8	5.8	5.8	5.8	7.2	7.2	7.2	7.2	8.7	10.1	11.5
105°	8.7	8.7	8.7	8.7	8.7	8.7	10.1	11.5	13.0	17.3	24.5
107.5°	11.5	11.5	11.5	13.0	13.0	14.4	14.4	18.7	26.0	36.1	54.8
110°	17.3	18.7	18.7	21.6	24.5	27.4	30.3	41.8	57.7	80.8	99.5



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	36.1	38.9	40.4	49.0	60.6	67.8	73.6	95.2	118.3	132.7	141.3
115°	92.3	96.6	102.4	115.4	131.2	138.5	144.2	157.2	165.9	167.3	164.4
117.5°	173.1	174.5	177.4	184.6	188.9	190.4	190.4	191.8	190.4	186.1	180.3
120°	216.3	216.3	214.9	214.9	213.5	213.5	212.0	207.7	203.4	199.0	191.8
122.5°	233.7	232.2	230.8	229.3	227.9	225.0	223.6	219.2	214.9	209.1	201.9
125°	242.3	242.3	240.9	239.4	236.5	235.1	232.2	227.9	223.6	217.8	210.6
127.5°	251.0	249.5	248.1	246.6	243.7	242.3	240.9	236.5	230.8	225.0	219.2
130°	256.7	256.7	255.3	253.8	251.0	249.5	246.6	243.7	238.0	232.2	226.4
132.5°	262.5	262.5	261.1	259.6	256.7	255.3	253.8	249.5	243.7	239.4	233.7
135°	266.8	266.8	265.4	263.9	261.1	259.6	258.2	255.3	249.5	245.2	239.4
137.5°	271.2	269.7	268.3	268.3	265.4	263.9	262.5	259.6	253.8	249.5	245.2
140°	274.0	272.6	272.6	271.2	268.3	268.3	266.8	262.5	259.6	255.3	251.0
142.5°	275.5	275.5	275.5	274.0	271.2	271.2	269.7	266.8	262.5	259.6	256.7
145°	278.4	276.9	276.9	275.5	274.0	274.0	272.6	269.7	265.4	262.5	259.6
147.5°	279.8	279.8	278.4	278.4	276.9	275.5	275.5	272.6	268.3	265.4	263.9
150°	281.2	281.2	279.8	279.8	278.4	276.9	276.9	274.0	269.7	268.3	265.4
152.5°	281.2	281.2	281.2	279.8	279.8	278.4	276.9	274.0	272.6	269.7	266.8
155°	282.7	282.7	281.2	281.2	279.8	278.4	276.9	275.5	272.6	271.2	268.3
157.5°	281.2	282.7	281.2	279.8	279.8	278.4	276.9	275.5	272.6	272.6	269.7
160°	281.2	281.2	281.2	279.8	279.8	278.4	276.9	275.5	274.0	272.6	269.7
162.5°	279.8	279.8	279.8	279.8	278.4	278.4	276.9	274.0	272.6	272.6	269.7
165°	278.4	279.8	278.4	278.4	276.9	276.9	275.5	274.0	272.6	272.6	269.7
167.5°	276.9	276.9	275.5	275.5	274.0	274.0	272.6	271.2	271.2	271.2	268.3
170°	274.0	274.0	272.6	272.6	272.6	271.2	271.2	269.7	269.7	269.7	266.8
172.5°	271.2	271.2	269.7	269.7	269.7	268.3	268.3	266.8	266.8	266.8	265.4
175°	266.8	266.8	265.4	265.4	265.4	265.4	265.4	263.9	263.9	265.4	263.9
177.5°	261.1	259.6	261.1	261.1	261.1	261.1	261.1	259.6	261.1	261.1	261.1
180°	255.3	255.3	255.3	255.3	255.3	255.3	255.3	255.3	255.3	255.3	255.3



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	799.0	799.0	799.0	799.0	799.0	799.0	799.0	799.0	799.0	799.0	799.0
2.5°	796.2	794.7	793.3	796.2	797.6	799.0	800.5	803.4	804.8	804.8	803.4
5°	793.3	791.8	790.4	793.3	794.7	794.7	796.2	800.5	800.5	801.9	800.5
7.5°	787.5	786.1	786.1	787.5	788.9	790.4	791.8	794.7	796.2	796.2	794.7
10°	780.3	778.8	778.8	780.3	781.7	783.2	783.2	786.1	787.5	788.9	787.5
12.5°	771.6	768.7	768.7	770.2	771.6	773.1	774.5	777.4	778.8	778.8	777.4
15°	758.7	755.8	755.8	758.7	760.1	761.5	761.5	764.4	765.9	765.9	765.9
17.5°	745.7	742.8	742.8	744.2	745.7	747.1	747.1	751.4	751.4	752.9	751.4
20°	729.8	726.9	726.9	728.4	729.8	731.2	731.2	734.1	735.6	737.0	735.6
22.5°	711.1	709.6	709.6	711.1	712.5	713.9	713.9	716.8	718.3	718.3	718.3
25°	692.3	689.4	689.4	690.9	692.3	693.7	695.2	698.1	699.5	699.5	698.1
27.5°	672.1	669.2	667.8	669.2	672.1	673.6	675.0	677.9	679.3	679.3	677.9
30°	650.5	646.2	644.7	647.6	650.5	651.9	651.9	654.8	656.2	654.8	654.8
32.5°	626.0	624.5	621.6	623.1	626.0	627.4	628.8	631.7	633.2	633.2	630.3
35°	602.9	600.0	598.6	598.6	601.4	602.9	604.3	605.8	607.2	608.7	607.2
37.5°	578.4	575.5	574.0	575.5	576.9	578.4	579.8	581.2	582.7	582.7	581.2
40°	552.4	549.5	548.1	549.5	549.5	551.0	553.8	555.3	558.2	556.7	553.8
42.5°	525.0	522.1	522.1	520.7	523.6	526.4	526.4	527.9	530.8	529.3	527.9
45°	497.6	496.2	494.7	496.2	494.7	497.6	500.5	500.5	501.9	500.5	500.5
47.5°	468.7	467.3	467.3	468.7	468.7	468.7	471.6	473.1	473.1	473.1	473.1
50°	439.9	438.5	439.9	441.3	441.3	441.3	442.8	444.2	444.2	444.2	442.8
52.5°	409.6	412.5	411.1	412.5	412.5	413.9	415.4	415.4	416.8	415.4	413.9
55°	377.9	380.8	382.2	383.7	385.1	383.7	385.1	386.5	388.0	385.1	385.1
57.5°	347.6	349.0	350.5	351.9	353.4	351.9	353.4	354.8	353.4	354.8	353.4
60°	318.7	320.2	320.2	323.1	324.5	323.1	324.5	326.0	326.0	326.0	324.5
62.5°	291.3	291.3	291.3	295.7	294.2	294.2	295.7	297.1	297.1	297.1	295.7
65°	261.1	262.5	262.5	263.9	265.4	265.4	265.4	266.8	268.3	266.8	266.8
67.5°	229.3	233.7	232.2	233.7	235.1	236.5	238.0	238.0	238.0	239.4	238.0
70°	201.9	203.4	203.4	206.2	207.7	207.7	209.1	209.1	210.6	210.6	209.1
72.5°	173.1	174.5	176.0	177.4	177.4	178.8	178.8	178.8	181.7	180.3	180.3
75°	144.2	145.7	147.1	148.6	148.6	150.0	150.0	150.0	151.4	152.9	151.4
77.5°	115.4	116.8	118.3	119.7	119.7	121.2	122.6	121.2	122.6	124.0	122.6
80°	88.0	89.4	89.4	90.9	92.3	92.3	93.7	93.7	93.7	95.2	93.7
82.5°	60.6	62.0	62.0	64.9	64.9	66.3	66.3	66.3	66.3	67.8	66.3
85°	34.6	36.1	36.1	37.5	38.9	38.9	40.4	40.4	40.4	41.8	40.4
87.5°	10.1	11.5	11.5	13.0	14.4	14.4	15.9	15.9	15.9	17.3	17.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
92.5°	1.4	1.4	1.4	1.4	1.4	2.9	2.9	2.9	2.9	1.4	2.9
95°	2.9	2.9	4.3	5.8	5.8	7.2	8.7	8.7	7.2	5.8	5.8
97.5°	4.3	5.8	8.7	13.0	14.4	15.9	17.3	15.9	13.0	10.1	10.1
100°	8.7	13.0	18.7	24.5	27.4	28.8	28.8	24.5	20.2	17.3	14.4
102.5°	17.3	26.0	36.1	43.3	44.7	44.7	41.8	36.1	30.3	24.5	21.6
105°	36.1	51.9	62.0	64.9	63.5	62.0	56.2	49.0	41.8	34.6	30.3
107.5°	72.1	86.5	88.0	85.1	82.2	79.3	70.7	62.0	53.4	46.2	40.4
110°	111.1	113.9	111.1	102.4	99.5	93.7	85.1	76.4	66.3	57.7	51.9





TEST NUMBER: P303051

CATALOG NUMBER: CTW-F-2575-20L830-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	139.9	134.1	126.9	118.3	113.9	109.6	99.5	90.9	79.3	70.7	63.5
115°	158.7	150.0	141.3	132.7	126.9	122.6	112.5	103.8	92.3	83.7	75.0
117.5°	171.6	163.0	154.3	145.7	139.9	135.6	126.9	115.4	105.3	95.2	88.0
120°	183.2	176.0	165.9	157.2	152.9	148.6	138.5	128.4	116.8	108.2	99.5
122.5°	194.7	186.1	177.4	168.7	164.4	160.1	150.0	138.5	129.8	119.7	111.1
125°	203.4	196.2	187.5	178.8	174.5	170.2	160.1	150.0	139.9	131.2	122.6
127.5°	212.0	204.8	196.2	187.5	183.2	178.8	168.7	160.1	151.4	142.8	134.1
130°	220.7	213.5	204.8	196.2	191.8	187.5	178.8	170.2	161.5	152.9	144.2
132.5°	229.3	220.7	213.5	204.8	200.5	196.2	187.5	178.8	171.6	163.0	155.8
135°	235.1	227.9	219.2	212.0	207.7	203.4	196.2	187.5	180.3	173.1	165.9
137.5°	240.9	233.7	225.0	217.8	213.5	210.6	203.4	196.2	188.9	181.7	174.5
140°	245.2	238.0	230.8	223.6	219.2	217.8	210.6	203.4	197.6	190.4	183.2
142.5°	249.5	242.3	235.1	227.9	225.0	223.6	216.3	210.6	204.8	197.6	191.8
145°	253.8	246.6	239.4	233.7	230.8	227.9	222.1	216.3	212.0	206.2	199.0
147.5°	256.7	249.5	243.7	238.0	235.1	233.7	227.9	223.6	217.8	212.0	206.2
150°	259.6	252.4	248.1	242.3	240.9	238.0	232.2	227.9	223.6	219.2	213.5
152.5°	262.5	255.3	251.0	246.6	245.2	242.3	238.0	233.7	230.8	225.0	220.7
155°	262.5	258.2	253.8	249.5	248.1	246.6	242.3	239.4	235.1	230.8	226.4
157.5°	263.9	259.6	255.3	252.4	251.0	249.5	245.2	243.7	239.4	236.5	230.8
160°	265.4	261.1	256.7	255.3	253.8	252.4	249.5	246.6	243.7	240.9	236.5
162.5°	265.4	262.5	258.2	256.7	255.3	255.3	251.0	249.5	246.6	243.7	240.9
165°	265.4	262.5	259.6	258.2	258.2	256.7	253.8	252.4	249.5	248.1	245.2
167.5°	265.4	262.5	261.1	259.6	259.6	258.2	255.3	255.3	252.4	251.0	248.1
170°	263.9	262.5	261.1	259.6	259.6	259.6	256.7	256.7	255.3	253.8	251.0
172.5°	262.5	261.1	259.6	259.6	259.6	258.2	256.7	256.7	256.7	255.3	253.8
175°	261.1	259.6	258.2	258.2	258.2	258.2	256.7	256.7	256.7	256.7	255.3
177.5°	258.2	256.7	256.7	256.7	256.7	256.7	256.7	256.7	256.7	256.7	256.7
180°	255.3	255.3	255.3	255.3	255.3	255.3	255.3	255.3	255.3	255.3	255.3



TEST NUMBER: P303051

CATALOG NUMBER: CTW-F-2575-20L830-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	799.0	799.0	799.0	799.0	799.0	799.0	799.0	799.0	799.0	799.0	799.0
2.5°	799.0	794.7	794.7	794.7	796.2	797.6	797.6	794.7	797.6	801.9	797.6
5°	794.7	790.4	790.4	791.8	791.8	793.3	793.3	790.4	794.7	797.6	793.3
7.5°	790.4	786.1	784.6	786.1	786.1	788.9	787.5	784.6	788.9	790.4	787.5
10°	781.7	777.4	777.4	777.4	778.8	780.3	778.8	776.0	780.3	781.7	778.8
12.5°	771.6	765.9	767.3	767.3	768.7	768.7	767.3	765.9	770.2	771.6	767.3
15°	758.7	754.3	754.3	754.3	755.8	757.2	755.8	752.9	757.2	757.2	752.9
17.5°	744.2	741.3	739.9	739.9	741.3	742.8	741.3	737.0	742.8	742.8	739.9
20°	728.4	725.5	724.0	724.0	725.5	725.5	724.0	721.2	725.5	725.5	721.2
22.5°	711.1	706.7	705.3	706.7	708.2	706.7	705.3	702.4	708.2	705.3	702.4
25°	690.9	689.4	686.5	688.0	688.0	688.0	685.1	683.7	686.5	683.7	680.8
27.5°	672.1	667.8	666.3	667.8	666.3	666.3	663.5	662.0	664.9	662.0	659.1
30°	649.0	644.7	644.7	644.7	644.7	643.3	640.4	640.4	641.8	640.4	636.1
32.5°	626.0	621.6	620.2	623.1	621.6	620.2	617.3	617.3	617.3	614.4	610.1
35°	601.4	597.1	597.1	598.6	597.1	595.7	592.8	592.8	591.3	588.5	585.6
37.5°	575.5	572.6	571.2	574.0	572.6	571.2	566.8	568.3	565.4	563.9	561.1
40°	549.5	546.6	545.2	548.1	548.1	543.7	542.3	542.3	539.4	536.5	533.7
42.5°	522.1	519.2	520.7	522.1	522.1	516.3	516.3	514.9	513.5	510.6	507.7
45°	496.2	493.3	493.3	496.2	494.7	490.4	490.4	487.5	486.1	483.2	478.8
47.5°	468.7	465.9	467.3	467.3	467.3	463.0	463.0	460.1	458.7	455.8	452.9
50°	439.9	438.5	439.9	438.5	439.9	435.6	435.6	432.7	431.2	428.4	424.0
52.5°	411.1	411.1	411.1	412.5	411.1	406.7	406.7	403.8	401.0	399.5	396.6
55°	380.8	382.2	382.2	382.2	382.2	376.4	375.0	372.1	370.7	367.8	364.9
57.5°	350.5	351.9	350.5	350.5	350.5	347.6	346.2	344.7	341.8	338.9	337.5
60°	323.1	323.1	321.6	321.6	321.6	318.7	317.3	315.9	313.0	310.1	310.1
62.5°	294.2	294.2	292.8	292.8	291.3	289.9	288.5	287.0	284.1	282.7	281.2
65°	265.4	265.4	263.9	262.5	262.5	261.1	259.6	256.7	255.3	252.4	252.4
67.5°	238.0	236.5	235.1	235.1	235.1	232.2	230.8	227.9	226.4	225.0	225.0
70°	209.1	207.7	206.2	206.2	206.2	203.4	201.9	199.0	197.6	196.2	196.2
72.5°	180.3	178.8	178.8	177.4	176.0	174.5	173.1	171.6	168.7	168.7	167.3
75°	151.4	150.0	148.6	148.6	147.1	145.7	144.2	141.3	141.3	141.3	139.9
77.5°	122.6	121.2	121.2	119.7	119.7	116.8	115.4	116.8	112.5	112.5	111.1
80°	93.7	92.3	93.7	90.9	90.9	89.4	88.0	88.0	85.1	85.1	83.7
82.5°	66.3	64.9	66.3	64.9	63.5	62.0	62.0	60.6	57.7	57.7	56.2
85°	40.4	38.9	40.4	38.9	37.5	36.1	34.6	34.6	31.7	30.3	30.3
87.5°	17.3	14.4	14.4	13.0	13.0	11.5	11.5	11.5	8.7	8.7	7.2
90°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
92.5°	2.9	4.3	4.3	4.3	5.8	5.8	5.8	4.3	4.3	4.3	4.3
95°	5.8	7.2	8.7	8.7	8.7	10.1	10.1	10.1	10.1	8.7	8.7
97.5°	8.7	10.1	10.1	11.5	11.5	13.0	14.4	14.4	14.4	14.4	14.4
100°	14.4	13.0	14.4	15.9	15.9	15.9	15.9	17.3	17.3	18.7	18.7
102.5°	20.2	18.7	18.7	18.7	18.7	20.2	20.2	20.2	20.2	21.6	21.6
105°	27.4	24.5	23.1	23.1	23.1	24.5	26.0	26.0	24.5	24.5	24.5
107.5°	36.1	31.7	28.8	28.8	28.8	28.8	28.8	30.3	31.7	30.3	30.3
110°	46.2	40.4	37.5	36.1	34.6	33.2	33.2	34.6	36.1	37.5	37.5



TEST NUMBER: P303051

CATALOG NUMBER: CTW-F-2575-20L830-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	56.2	50.5	46.2	44.7	41.8	40.4	38.9	38.9	40.4	41.8	41.8
115°	67.8	62.0	54.8	53.4	50.5	47.6	44.7	44.7	44.7	44.7	46.2
117.5°	79.3	72.1	66.3	63.5	60.6	56.2	51.9	50.5	49.0	49.0	50.5
120°	90.9	85.1	76.4	73.6	70.7	66.3	60.6	57.7	54.8	54.8	54.8
122.5°	102.4	96.6	89.4	85.1	82.2	76.4	70.7	66.3	63.5	60.6	59.1
125°	113.9	108.2	101.0	96.6	93.7	86.5	80.8	76.4	72.1	69.2	66.3
127.5°	125.5	118.3	112.5	109.6	105.3	98.1	92.3	88.0	82.2	77.9	75.0
130°	135.6	129.8	124.0	119.7	116.8	109.6	103.8	98.1	93.7	89.4	85.1
132.5°	147.1	139.9	134.1	131.2	128.4	121.2	115.4	109.6	105.3	101.0	96.6
135°	157.2	150.0	144.2	141.3	138.5	132.7	125.5	121.2	115.4	112.5	108.2
137.5°	165.9	160.1	154.3	151.4	148.6	142.8	137.0	132.7	126.9	122.6	118.3
140°	176.0	168.7	164.4	161.5	158.7	152.9	148.6	144.2	138.5	134.1	129.8
142.5°	184.6	178.8	173.1	170.2	168.7	163.0	157.2	154.3	150.0	145.7	141.3
145°	191.8	186.1	181.7	178.8	176.0	171.6	167.3	164.4	160.1	155.8	151.4
147.5°	199.0	193.3	188.9	187.5	184.6	180.3	176.0	173.1	170.2	167.3	163.0
150°	206.2	200.5	197.6	196.2	193.3	190.4	184.6	183.2	180.3	176.0	173.1
152.5°	213.5	209.1	204.8	203.4	201.9	197.6	193.3	190.4	188.9	184.6	181.7
155°	220.7	214.9	212.0	210.6	209.1	206.2	201.9	199.0	197.6	194.7	191.8
157.5°	225.0	220.7	217.8	216.3	214.9	212.0	209.1	206.2	206.2	201.9	200.5
160°	230.8	226.4	223.6	222.1	222.1	219.2	216.3	213.5	213.5	210.6	209.1
162.5°	235.1	232.2	229.3	229.3	227.9	225.0	223.6	220.7	220.7	219.2	216.3
165°	240.9	236.5	235.1	233.7	233.7	232.2	229.3	226.4	227.9	226.4	223.6
167.5°	243.7	240.9	239.4	239.4	238.0	236.5	235.1	232.2	233.7	232.2	230.8
170°	248.1	243.7	243.7	242.3	242.3	242.3	240.9	238.0	238.0	238.0	236.5
172.5°	249.5	246.6	246.6	246.6	246.6	245.2	245.2	242.3	243.7	243.7	242.3
175°	252.4	249.5	249.5	249.5	249.5	249.5	248.1	246.6	248.1	248.1	246.6
177.5°	253.8	252.4	252.4	252.4	252.4	252.4	252.4	251.0	252.4	253.8	251.0
180°	255.3	255.3	255.3	255.3	255.3	255.3	255.3	255.3	255.3	255.3	255.3



TEST NUMBER: P303051

CATALOG NUMBER: CTW-F-2575-20L830-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	799.0	799.0	799.0	799.0	799.0	799.0	799.0	799.0
2.5°	797.6	797.6	796.2	796.2	797.6	793.3	790.4	790.4
5°	793.3	791.8	791.8	791.8	793.3	790.4	787.5	787.5
7.5°	787.5	786.1	784.6	786.1	787.5	784.6	781.7	781.7
10°	778.8	777.4	776.0	776.0	777.4	774.5	773.1	773.1
12.5°	767.3	764.4	763.0	764.4	765.9	763.0	761.5	761.5
15°	752.9	751.4	751.4	751.4	752.9	750.0	747.1	748.6
17.5°	738.5	737.0	735.6	737.0	737.0	734.1	731.2	731.2
20°	719.7	718.3	716.8	718.3	718.3	715.4	712.5	712.5
22.5°	699.5	698.1	696.6	698.1	698.1	695.2	692.3	692.3
25°	677.9	675.0	675.0	676.4	675.0	673.6	670.7	670.7
27.5°	656.2	653.4	653.4	654.8	653.4	649.0	647.6	646.2
30°	633.2	628.8	628.8	630.3	628.8	624.5	623.1	623.1
32.5°	607.2	604.3	605.8	605.8	604.3	600.0	598.6	598.6
35°	582.7	579.8	581.2	581.2	578.4	575.5	574.0	572.6
37.5°	556.7	555.3	556.7	555.3	553.8	549.5	548.1	548.1
40°	529.3	529.3	530.8	527.9	526.4	523.6	520.7	522.1
42.5°	503.4	501.9	503.4	501.9	500.5	497.6	494.7	494.7
45°	476.0	476.0	474.5	474.5	473.1	470.2	467.3	468.7
47.5°	448.6	448.6	448.6	447.1	445.7	442.8	441.3	441.3
50°	421.2	421.2	419.7	419.7	416.8	413.9	413.9	415.4
52.5°	393.7	392.3	392.3	390.9	390.9	388.0	385.1	385.1
55°	363.5	362.0	360.6	360.6	359.1	357.7	354.8	356.2
57.5°	336.1	333.2	334.6	331.7	331.7	328.8	327.4	327.4
60°	307.2	305.8	305.8	304.3	302.9	301.4	300.0	300.0
62.5°	279.8	276.9	276.9	275.5	275.5	274.0	272.6	272.6
65°	251.0	248.1	248.1	246.6	248.1	245.2	245.2	245.2
67.5°	222.1	220.7	220.7	219.2	219.2	217.8	216.3	217.8
70°	194.7	193.3	191.8	190.4	191.8	190.4	190.4	188.9
72.5°	165.9	164.4	164.4	164.4	163.0	161.5	161.5	161.5
75°	138.5	137.0	137.0	135.6	135.6	134.1	132.7	134.1
77.5°	111.1	109.6	108.2	108.2	108.2	106.7	108.2	106.7
80°	83.7	80.8	80.8	80.8	80.8	79.3	80.8	77.9
82.5°	56.2	53.4	53.4	53.4	51.9	51.9	51.9	50.5
85°	28.8	28.8	28.8	27.4	27.4	27.4	27.4	26.0
87.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
90°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
92.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
95°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
97.5°	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
100°	18.7	18.7	18.7	18.7	20.2	18.7	18.7	18.7
102.5°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
105°	26.0	26.0	26.0	26.0	27.4	27.4	27.4	27.4
107.5°	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
110°	37.5	36.1	36.1	36.1	34.6	34.6	34.6	34.6



TEST NUMBER: P303051

CATALOG NUMBER: CTW-F-2575-20L830-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	43.3	43.3	43.3	43.3	43.3	43.3	41.8	41.8
115°	47.6	47.6	49.0	49.0	49.0	49.0	49.0	49.0
117.5°	50.5	51.9	51.9	51.9	53.4	53.4	53.4	53.4
120°	54.8	54.8	54.8	54.8	56.2	56.2	56.2	56.2
122.5°	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
125°	64.9	63.5	63.5	63.5	63.5	63.5	62.0	62.0
127.5°	72.1	70.7	69.2	69.2	67.8	67.8	66.3	66.3
130°	80.8	79.3	77.9	76.4	75.0	75.0	73.6	73.6
132.5°	92.3	89.4	88.0	86.5	85.1	83.7	82.2	82.2
135°	103.8	101.0	99.5	98.1	95.2	93.7	92.3	92.3
137.5°	115.4	112.5	111.1	109.6	106.7	105.3	103.8	103.8
140°	126.9	124.0	122.6	121.2	118.3	116.8	115.4	115.4
142.5°	137.0	134.1	134.1	132.7	129.8	128.4	126.9	126.9
145°	148.6	145.7	144.2	144.2	141.3	138.5	138.5	137.0
147.5°	158.7	157.2	155.8	154.3	152.9	150.0	150.0	148.6
150°	170.2	167.3	165.9	165.9	163.0	161.5	160.1	160.1
152.5°	180.3	177.4	176.0	176.0	174.5	173.1	171.6	171.6
155°	188.9	186.1	186.1	186.1	184.6	183.2	181.7	181.7
157.5°	197.6	196.2	194.7	194.7	194.7	191.8	191.8	191.8
160°	206.2	204.8	204.8	204.8	203.4	201.9	201.9	201.9
162.5°	214.9	213.5	213.5	213.5	212.0	210.6	210.6	210.6
165°	222.1	220.7	220.7	220.7	220.7	219.2	219.2	219.2
167.5°	229.3	227.9	227.9	227.9	227.9	226.4	226.4	226.4
170°	235.1	235.1	233.7	233.7	233.7	233.7	232.2	233.7
172.5°	240.9	240.9	239.4	239.4	240.9	239.4	238.0	239.4
175°	246.6	246.6	245.2	245.2	245.2	243.7	242.3	243.7
177.5°	252.4	251.0	251.0	251.0	251.0	249.5	246.6	246.6
180°	255.3	255.3	255.3	255.3	255.3	255.3	255.3	255.3

(END OF REPORT)