

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: P303055

Luminaire Tested: **CTW-F-2575-20L935-UNV-STD-6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303055
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-6
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

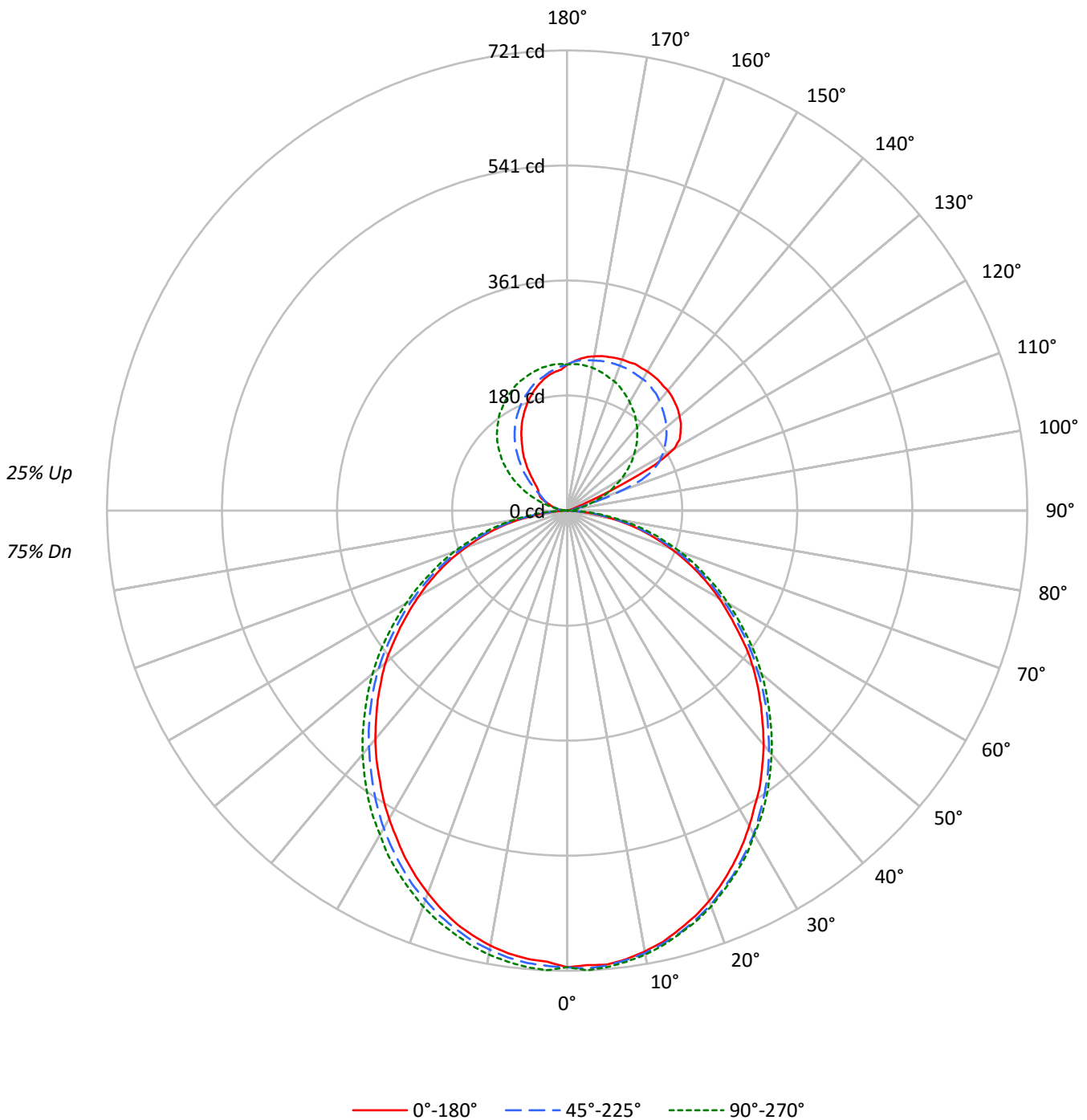
Lumens per Lamp: N/A
Luminaire Lumens: 2555.1 lumens
Efficiency: N/A
Efficacy: 101.4 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32
Luminous Opening: Rectangular (W 6' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

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



TEST NUMBER: P303055
CATALOG NUMBER: CTW-F-2575-20L935-UNV-STD-6

Luminous Intensity Polar Plot





TEST NUMBER: P303055

CATALOG NUMBER: CTW-F-2575-20L935-UNV-STD-6

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°	10289	10345	10160
10°	10220	10295	10088
15°	10093	10190	9959
20°	9941	10080	9744
25°	9715	9919	9509
30°	9459	9716	9246
35°	9232	9549	8983
40°	8976	9339	8759
45°	8703	9095	8518
50°	8478	8882	8306
55°	8145	8627	7982
60°	7896	8379	7710
65°	7587	8113	7457
70°	7209	7914	7100
75°	6732	7591	6660
80°	5761	7042	5761
85°	3820	6175	3820



TEST NUMBER: P303055

CATALOG NUMBER: CTW-F-2575-20L935-UNV-STD-6

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.5	2.6
10°-20°	191.3	7.5
20°-30°	283.3	11.1
30°-40°	332.4	13.0
40°-50°	336.9	13.2
50°-60°	298.9	11.7
60°-70°	227.9	8.9
70°-80°	134.8	5.3
80°-90°	35.6	1.4
90°-100°	6.6	0.3
100°-110°	28.6	1.1
110°-120°	79.4	3.1
120°-130°	113.7	4.4
130°-140°	122.3	4.8
140°-150°	116.2	4.5
150°-160°	95.4	3.7
160°-170°	62.5	2.4
170°-180°	21.7	0.8
0°-30°	542.1	21.2
0°-40°	874.5	34.2
0°-60°	1510.4	59.1
0°-90°	1908.7	74.7
90°-120°	114.7	4.5
90°-150°	466.8	18.3
90°-180°	646.0	25.3
0°-180°	2555.1	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	716	716	716	716	716	
5°	714	716	718	712	705	68
15°	679	684	686	678	670	192
25°	614	624	626	615	600	282
35°	527	540	545	530	513	329
45°	429	442	448	435	420	331
55°	326	337	345	332	319	292
65°	223	231	239	229	220	221
75°	121	127	137	127	120	128
85°	23	28	38	28	23	29
90°	0	0	0	1	3	1
95°	1	3	5	9	8	2
105°	8	22	31	22	24	9
115°	83	147	75	40	44	92
125°	217	189	118	65	56	193
135°	239	214	155	103	83	185
145°	249	232	185	143	123	156
155°	253	240	207	177	163	117
165°	249	242	222	204	196	71
175°	239	236	230	222	218	23
180°	229	229	229	229	229	



TEST NUMBER: P303055

CATALOG NUMBER: CTW-F-2575-20L935-UNV-STD-6

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	715.5	715.5	715.5	715.5	715.5	715.5	715.5	715.5	715.5	715.5	715.5
2.5°	712.9	712.9	712.9	714.2	715.5	715.5	715.5	714.2	715.5	719.4	718.1
5°	714.2	712.9	712.9	711.6	712.9	712.9	712.9	711.6	712.9	716.8	715.5
7.5°	709.0	709.0	709.0	707.7	709.0	707.7	707.7	706.4	709.0	711.6	710.3
10°	701.3	700.0	700.0	700.0	701.3	701.3	700.0	700.0	701.3	705.2	703.9
12.5°	692.2	692.2	692.2	691.0	692.2	692.2	692.2	691.0	692.2	696.1	694.8
15°	679.3	680.6	680.6	679.3	681.9	681.9	680.6	680.6	681.9	684.5	684.5
17.5°	666.4	666.4	666.4	666.4	669.0	667.7	667.7	667.7	669.0	671.6	671.6
20°	650.9	650.9	650.9	649.6	652.2	652.2	652.2	652.2	653.5	657.4	657.4
22.5°	632.8	632.8	632.8	632.8	634.1	634.1	634.1	634.1	635.4	639.3	640.6
25°	613.5	613.5	613.5	613.5	614.8	614.8	614.8	616.0	617.3	621.2	623.8
27.5°	592.8	594.1	594.1	594.1	594.1	595.4	595.4	596.7	598.0	600.5	604.4
30°	570.8	570.8	572.1	572.1	573.4	573.4	573.4	574.7	577.3	579.9	585.0
32.5°	547.6	548.9	550.2	550.2	551.5	551.5	552.8	552.8	555.3	556.6	561.8
35°	526.9	526.9	525.6	528.2	528.2	528.2	529.5	530.8	530.8	533.4	539.8
37.5°	502.4	503.7	502.4	505.0	506.3	505.0	506.3	507.6	508.8	510.1	516.6
40°	479.1	479.1	479.1	480.4	481.7	481.7	481.7	483.0	485.6	488.2	492.1
42.5°	453.3	454.6	454.6	455.9	457.2	455.9	457.2	459.8	461.1	463.6	466.2
45°	428.8	430.1	428.8	431.4	432.7	432.7	432.7	435.2	436.5	437.8	441.7
47.5°	404.2	405.5	404.2	405.5	408.1	408.1	408.1	409.4	412.0	413.3	415.9
50°	379.7	379.7	379.7	381.0	382.3	383.6	383.6	383.6	386.2	387.4	388.7
52.5°	353.9	353.9	353.9	356.5	356.5	356.5	357.7	359.0	360.3	362.9	364.2
55°	325.5	325.5	325.5	326.7	328.0	328.0	329.3	330.6	331.9	333.2	337.1
57.5°	299.6	300.9	299.6	300.9	302.2	302.2	304.8	304.8	306.1	307.4	310.0
60°	275.1	275.1	275.1	275.1	276.4	276.4	276.4	277.7	280.3	281.5	282.8
62.5°	249.3	249.3	249.3	250.6	250.6	250.6	251.8	253.1	254.4	255.7	257.0
65°	223.4	223.4	223.4	224.7	224.7	224.7	224.7	227.3	228.6	229.9	231.2
67.5°	197.6	197.6	197.6	198.9	198.9	198.9	200.2	201.5	202.8	204.1	205.3
70°	171.8	173.1	171.8	173.1	173.1	173.1	174.4	175.6	175.6	178.2	178.2
72.5°	145.9	145.9	145.9	147.2	147.2	148.5	148.5	149.8	149.8	151.1	152.4
75°	121.4	120.1	121.4	122.7	121.4	121.4	122.7	124.0	125.3	126.6	126.6
77.5°	95.6	95.6	95.6	96.9	98.2	96.9	98.2	99.4	99.4	102.0	100.7
80°	69.7	69.7	71.0	72.3	72.3	72.3	72.3	73.6	74.9	76.2	76.2
82.5°	45.2	46.5	46.5	47.8	47.8	47.8	49.1	49.1	50.4	51.7	51.7
85°	23.2	24.5	23.2	24.5	24.5	25.8	25.8	25.8	27.1	28.4	28.4
87.5°	5.2	3.9	3.9	5.2	3.9	5.2	5.2	5.2	5.2	6.5	9.0
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°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
95°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.6	2.6	2.6
97.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.9	3.9
100°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	5.2	5.2	5.2	6.5
102.5°	5.2	5.2	5.2	5.2	6.5	6.5	6.5	6.5	7.7	9.0	10.3
105°	7.7	7.7	7.7	7.7	7.7	7.7	9.0	10.3	11.6	15.5	22.0
107.5°	10.3	10.3	10.3	11.6	11.6	12.9	12.9	16.8	23.2	32.3	49.1
110°	15.5	16.8	16.8	19.4	22.0	24.5	27.1	37.5	51.7	72.3	89.1



TEST NUMBER: P303055

CATALOG NUMBER: CTW-F-2575-20L935-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	32.3	34.9	36.2	43.9	54.2	60.7	65.9	85.2	105.9	118.8	126.6
115°	82.7	86.5	91.7	103.3	117.5	124.0	129.1	140.8	148.5	149.8	147.2
117.5°	155.0	156.3	158.9	165.3	169.2	170.5	170.5	171.8	170.5	166.6	161.4
120°	193.7	193.7	192.4	192.4	191.1	191.1	189.9	186.0	182.1	178.2	171.8
122.5°	209.2	207.9	206.6	205.3	204.1	201.5	200.2	196.3	192.4	187.3	180.8
125°	217.0	217.0	215.7	214.4	211.8	210.5	207.9	204.1	200.2	195.0	188.6
127.5°	224.7	223.4	222.1	220.8	218.3	217.0	215.7	211.8	206.6	201.5	196.3
130°	229.9	229.9	228.6	227.3	224.7	223.4	220.8	218.3	213.1	207.9	202.8
132.5°	235.1	235.1	233.8	232.5	229.9	228.6	227.3	223.4	218.3	214.4	209.2
135°	238.9	238.9	237.6	236.3	233.8	232.5	231.2	228.6	223.4	219.6	214.4
137.5°	242.8	241.5	240.2	240.2	237.6	236.3	235.1	232.5	227.3	223.4	219.6
140°	245.4	244.1	244.1	242.8	240.2	240.2	238.9	235.1	232.5	228.6	224.7
142.5°	246.7	246.7	246.7	245.4	242.8	242.8	241.5	238.9	235.1	232.5	229.9
145°	249.3	248.0	248.0	246.7	245.4	245.4	244.1	241.5	237.6	235.1	232.5
147.5°	250.6	250.6	249.3	249.3	248.0	246.7	246.7	244.1	240.2	237.6	236.3
150°	251.8	251.8	250.6	250.6	249.3	248.0	248.0	245.4	241.5	240.2	237.6
152.5°	251.8	251.8	251.8	250.6	250.6	249.3	248.0	245.4	244.1	241.5	238.9
155°	253.1	253.1	251.8	251.8	250.6	249.3	248.0	246.7	244.1	242.8	240.2
157.5°	251.8	253.1	251.8	250.6	250.6	249.3	248.0	246.7	244.1	244.1	241.5
160°	251.8	251.8	251.8	250.6	250.6	249.3	248.0	246.7	245.4	244.1	241.5
162.5°	250.6	250.6	250.6	250.6	249.3	249.3	248.0	245.4	244.1	244.1	241.5
165°	249.3	250.6	249.3	249.3	248.0	248.0	246.7	245.4	244.1	244.1	241.5
167.5°	248.0	248.0	246.7	246.7	245.4	245.4	244.1	242.8	242.8	242.8	240.2
170°	245.4	245.4	244.1	244.1	244.1	242.8	242.8	241.5	241.5	241.5	238.9
172.5°	242.8	242.8	241.5	241.5	241.5	240.2	240.2	238.9	238.9	238.9	237.6
175°	238.9	238.9	237.6	237.6	237.6	237.6	237.6	236.3	236.3	237.6	236.3
177.5°	233.8	232.5	233.8	233.8	233.8	233.8	233.8	232.5	233.8	233.8	233.8
180°	228.6	228.6	228.6	228.6	228.6	228.6	228.6	228.6	228.6	228.6	228.6



TEST NUMBER: P303055

CATALOG NUMBER: CTW-F-2575-20L935-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	715.5	715.5	715.5	715.5	715.5	715.5	715.5	715.5	715.5	715.5	715.5
2.5°	712.9	711.6	710.3	712.9	714.2	715.5	716.8	719.4	720.7	720.7	719.4
5°	710.3	709.0	707.7	710.3	711.6	711.6	712.9	716.8	716.8	718.1	716.8
7.5°	705.2	703.9	703.9	705.2	706.4	707.7	709.0	711.6	712.9	712.9	711.6
10°	698.7	697.4	697.4	698.7	700.0	701.3	701.3	703.9	705.2	706.4	705.2
12.5°	691.0	688.4	688.4	689.7	691.0	692.2	693.5	696.1	697.4	697.4	696.1
15°	679.3	676.7	676.7	679.3	680.6	681.9	681.9	684.5	685.8	685.8	685.8
17.5°	667.7	665.1	665.1	666.4	667.7	669.0	669.0	672.9	672.9	674.2	672.9
20°	653.5	650.9	650.9	652.2	653.5	654.8	654.8	657.4	658.7	660.0	658.7
22.5°	636.7	635.4	635.4	636.7	638.0	639.3	639.3	641.9	643.2	643.2	643.2
25°	619.9	617.3	617.3	618.6	619.9	621.2	622.5	625.1	626.4	626.4	625.1
27.5°	601.8	599.3	598.0	599.3	601.8	603.1	604.4	607.0	608.3	608.3	607.0
30°	582.5	578.6	577.3	579.9	582.5	583.8	583.8	586.3	587.6	586.3	586.3
32.5°	560.5	559.2	556.6	557.9	560.5	561.8	563.1	565.7	567.0	567.0	564.4
35°	539.8	537.3	536.0	536.0	538.6	539.8	541.1	542.4	543.7	545.0	543.7
37.5°	517.9	515.3	514.0	515.3	516.6	517.9	519.2	520.5	521.8	521.8	520.5
40°	494.6	492.1	490.8	492.1	492.1	493.4	495.9	497.2	499.8	498.5	495.9
42.5°	470.1	467.5	467.5	466.2	468.8	471.4	471.4	472.7	475.3	474.0	472.7
45°	445.6	444.3	443.0	444.3	443.0	445.6	448.1	448.1	449.4	448.1	448.1
47.5°	419.7	418.4	418.4	419.7	419.7	419.7	422.3	423.6	423.6	423.6	423.6
50°	393.9	392.6	393.9	395.2	395.2	395.2	396.5	397.8	397.8	397.8	396.5
52.5°	366.8	369.4	368.1	369.4	369.4	370.7	372.0	372.0	373.2	372.0	370.7
55°	338.4	341.0	342.2	343.5	344.8	343.5	344.8	346.1	347.4	344.8	344.8
57.5°	311.3	312.5	313.8	315.1	316.4	315.1	316.4	317.7	316.4	317.7	316.4
60°	285.4	286.7	286.7	289.3	290.6	289.3	290.6	291.9	291.9	291.9	290.6
62.5°	260.9	260.9	260.9	264.8	263.5	263.5	264.8	266.0	266.0	266.0	264.8
65°	233.8	235.1	235.1	236.3	237.6	237.6	237.6	238.9	240.2	238.9	238.9
67.5°	205.3	209.2	207.9	209.2	210.5	211.8	213.1	213.1	213.1	214.4	213.1
70°	180.8	182.1	182.1	184.7	186.0	186.0	187.3	187.3	188.6	188.6	187.3
72.5°	155.0	156.3	157.6	158.9	158.9	160.1	160.1	160.1	162.7	161.4	161.4
75°	129.1	130.4	131.7	133.0	133.0	134.3	134.3	134.3	135.6	136.9	135.6
77.5°	103.3	104.6	105.9	107.2	107.2	108.5	109.8	108.5	109.8	111.1	109.8
80°	78.8	80.1	80.1	81.4	82.7	82.7	83.9	83.9	83.9	85.2	83.9
82.5°	54.2	55.5	55.5	58.1	58.1	59.4	59.4	59.4	59.4	60.7	59.4
85°	31.0	32.3	32.3	33.6	34.9	34.9	36.2	36.2	36.2	37.5	36.2
87.5°	9.0	10.3	10.3	11.6	12.9	12.9	14.2	14.2	14.2	15.5	15.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
92.5°	1.3	1.3	1.3	1.3	1.3	2.6	2.6	2.6	2.6	1.3	2.6
95°	2.6	2.6	3.9	5.2	5.2	6.5	7.7	7.7	6.5	5.2	5.2
97.5°	3.9	5.2	7.7	11.6	12.9	14.2	15.5	14.2	11.6	9.0	9.0
100°	7.7	11.6	16.8	22.0	24.5	25.8	25.8	22.0	18.1	15.5	12.9
102.5°	15.5	23.2	32.3	38.7	40.0	40.0	37.5	32.3	27.1	22.0	19.4
105°	32.3	46.5	55.5	58.1	56.8	55.5	50.4	43.9	37.5	31.0	27.1
107.5°	64.6	77.5	78.8	76.2	73.6	71.0	63.3	55.5	47.8	41.3	36.2
110°	99.4	102.0	99.4	91.7	89.1	83.9	76.2	68.4	59.4	51.7	46.5



TEST NUMBER: P303055

CATALOG NUMBER: CTW-F-2575-20L935-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	125.3	120.1	113.7	105.9	102.0	98.2	89.1	81.4	71.0	63.3	56.8
115°	142.1	134.3	126.6	118.8	113.7	109.8	100.7	93.0	82.7	74.9	67.2
117.5°	153.7	145.9	138.2	130.4	125.3	121.4	113.7	103.3	94.3	85.2	78.8
120°	164.0	157.6	148.5	140.8	136.9	133.0	124.0	114.9	104.6	96.9	89.1
122.5°	174.4	166.6	158.9	151.1	147.2	143.4	134.3	124.0	116.2	107.2	99.4
125°	182.1	175.6	167.9	160.1	156.3	152.4	143.4	134.3	125.3	117.5	109.8
127.5°	189.9	183.4	175.6	167.9	164.0	160.1	151.1	143.4	135.6	127.9	120.1
130°	197.6	191.1	183.4	175.6	171.8	167.9	160.1	152.4	144.6	136.9	129.1
132.5°	205.3	197.6	191.1	183.4	179.5	175.6	167.9	160.1	153.7	145.9	139.5
135°	210.5	204.1	196.3	189.9	186.0	182.1	175.6	167.9	161.4	155.0	148.5
137.5°	215.7	209.2	201.5	195.0	191.1	188.6	182.1	175.6	169.2	162.7	156.3
140°	219.6	213.1	206.6	200.2	196.3	195.0	188.6	182.1	176.9	170.5	164.0
142.5°	223.4	217.0	210.5	204.1	201.5	200.2	193.7	188.6	183.4	176.9	171.8
145°	227.3	220.8	214.4	209.2	206.6	204.1	198.9	193.7	189.9	184.7	178.2
147.5°	229.9	223.4	218.3	213.1	210.5	209.2	204.1	200.2	195.0	189.9	184.7
150°	232.5	226.0	222.1	217.0	215.7	213.1	207.9	204.1	200.2	196.3	191.1
152.5°	235.1	228.6	224.7	220.8	219.6	217.0	213.1	209.2	206.6	201.5	197.6
155°	235.1	231.2	227.3	223.4	222.1	220.8	217.0	214.4	210.5	206.6	202.8
157.5°	236.3	232.5	228.6	226.0	224.7	223.4	219.6	218.3	214.4	211.8	206.6
160°	237.6	233.8	229.9	228.6	227.3	226.0	223.4	220.8	218.3	215.7	211.8
162.5°	237.6	235.1	231.2	229.9	228.6	228.6	224.7	223.4	220.8	218.3	215.7
165°	237.6	235.1	232.5	231.2	231.2	229.9	227.3	226.0	223.4	222.1	219.6
167.5°	237.6	235.1	233.8	232.5	232.5	231.2	228.6	228.6	226.0	224.7	222.1
170°	236.3	235.1	233.8	232.5	232.5	232.5	229.9	229.9	228.6	227.3	224.7
172.5°	235.1	233.8	232.5	232.5	232.5	231.2	229.9	229.9	229.9	228.6	227.3
175°	233.8	232.5	231.2	231.2	231.2	231.2	229.9	229.9	229.9	229.9	228.6
177.5°	231.2	229.9	229.9	229.9	229.9	229.9	229.9	229.9	229.9	229.9	229.9
180°	228.6	228.6	228.6	228.6	228.6	228.6	228.6	228.6	228.6	228.6	228.6



TEST NUMBER: P303055

CATALOG NUMBER: CTW-F-2575-20L935-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	715.5	715.5	715.5	715.5	715.5	715.5	715.5	715.5	715.5	715.5	715.5
2.5°	715.5	711.6	711.6	711.6	712.9	714.2	714.2	711.6	714.2	718.1	714.2
5°	711.6	707.7	707.7	709.0	709.0	710.3	710.3	707.7	711.6	714.2	710.3
7.5°	707.7	703.9	702.6	703.9	703.9	706.4	705.2	702.6	706.4	707.7	705.2
10°	700.0	696.1	696.1	696.1	697.4	698.7	697.4	694.8	698.7	700.0	697.4
12.5°	691.0	685.8	687.1	687.1	688.4	688.4	687.1	685.8	689.7	691.0	687.1
15°	679.3	675.5	675.5	675.5	676.7	678.0	676.7	674.2	678.0	678.0	674.2
17.5°	666.4	663.8	662.5	662.5	663.8	665.1	663.8	660.0	665.1	665.1	662.5
20°	652.2	649.6	648.3	648.3	649.6	649.6	648.3	645.7	649.6	649.6	645.7
22.5°	636.7	632.8	631.5	632.8	634.1	632.8	631.5	629.0	634.1	631.5	629.0
25°	618.6	617.3	614.8	616.0	616.0	616.0	613.5	612.2	614.8	612.2	609.6
27.5°	601.8	598.0	596.7	598.0	596.7	596.7	594.1	592.8	595.4	592.8	590.2
30°	581.2	577.3	577.3	577.3	577.3	576.0	573.4	573.4	574.7	573.4	569.6
32.5°	560.5	556.6	555.3	557.9	556.6	555.3	552.8	552.8	552.8	550.2	546.3
35°	538.6	534.7	534.7	536.0	534.7	533.4	530.8	530.8	529.5	526.9	524.3
37.5°	515.3	512.7	511.4	514.0	512.7	511.4	507.6	508.8	506.3	505.0	502.4
40°	492.1	489.5	488.2	490.8	490.8	486.9	485.6	485.6	483.0	480.4	477.9
42.5°	467.5	464.9	466.2	467.5	467.5	462.4	462.4	461.1	459.8	457.2	454.6
45°	444.3	441.7	441.7	444.3	443.0	439.1	439.1	436.5	435.2	432.7	428.8
47.5°	419.7	417.2	418.4	418.4	418.4	414.6	414.6	412.0	410.7	408.1	405.5
50°	393.9	392.6	393.9	392.6	393.9	390.0	390.0	387.4	386.2	383.6	379.7
52.5°	368.1	368.1	368.1	369.4	368.1	364.2	364.2	361.6	359.0	357.7	355.2
55°	341.0	342.2	342.2	342.2	342.2	337.1	335.8	333.2	331.9	329.3	326.7
57.5°	313.8	315.1	313.8	313.8	313.8	311.3	310.0	308.7	306.1	303.5	302.2
60°	289.3	289.3	288.0	288.0	288.0	285.4	284.1	282.8	280.3	277.7	277.7
62.5°	263.5	263.5	262.2	262.2	260.9	259.6	258.3	257.0	254.4	253.1	251.8
65°	237.6	237.6	236.3	235.1	235.1	233.8	232.5	229.9	228.6	226.0	226.0
67.5°	213.1	211.8	210.5	210.5	210.5	207.9	206.6	204.1	202.8	201.5	201.5
70°	187.3	186.0	184.7	184.7	184.7	182.1	180.8	178.2	176.9	175.6	175.6
72.5°	161.4	160.1	160.1	158.9	157.6	156.3	155.0	153.7	151.1	151.1	149.8
75°	135.6	134.3	133.0	133.0	131.7	130.4	129.1	126.6	126.6	126.6	125.3
77.5°	109.8	108.5	108.5	107.2	107.2	104.6	103.3	104.6	100.7	100.7	99.4
80°	83.9	82.7	83.9	81.4	81.4	80.1	78.8	78.8	76.2	76.2	74.9
82.5°	59.4	58.1	59.4	58.1	56.8	55.5	55.5	54.2	51.7	51.7	50.4
85°	36.2	34.9	36.2	34.9	33.6	32.3	31.0	31.0	28.4	27.1	27.1
87.5°	15.5	12.9	12.9	11.6	11.6	10.3	10.3	10.3	7.7	7.7	6.5
90°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
92.5°	2.6	3.9	3.9	3.9	5.2	5.2	5.2	3.9	3.9	3.9	3.9
95°	5.2	6.5	7.7	7.7	7.7	9.0	9.0	9.0	9.0	7.7	7.7
97.5°	7.7	9.0	9.0	10.3	10.3	11.6	12.9	12.9	12.9	12.9	12.9
100°	12.9	11.6	12.9	14.2	14.2	14.2	14.2	15.5	15.5	16.8	16.8
102.5°	18.1	16.8	16.8	16.8	16.8	18.1	18.1	18.1	18.1	19.4	19.4
105°	24.5	22.0	20.7	20.7	20.7	22.0	23.2	23.2	22.0	22.0	22.0
107.5°	32.3	28.4	25.8	25.8	25.8	25.8	25.8	27.1	28.4	27.1	27.1
110°	41.3	36.2	33.6	32.3	31.0	29.7	29.7	31.0	32.3	33.6	33.6



TEST NUMBER: P303055

CATALOG NUMBER: CTW-F-2575-20L935-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	50.4	45.2	41.3	40.0	37.5	36.2	34.9	34.9	36.2	37.5	37.5
115°	60.7	55.5	49.1	47.8	45.2	42.6	40.0	40.0	40.0	40.0	41.3
117.5°	71.0	64.6	59.4	56.8	54.2	50.4	46.5	45.2	43.9	43.9	45.2
120°	81.4	76.2	68.4	65.9	63.3	59.4	54.2	51.7	49.1	49.1	49.1
122.5°	91.7	86.5	80.1	76.2	73.6	68.4	63.3	59.4	56.8	54.2	53.0
125°	102.0	96.9	90.4	86.5	83.9	77.5	72.3	68.4	64.6	62.0	59.4
127.5°	112.4	105.9	100.7	98.2	94.3	87.8	82.7	78.8	73.6	69.7	67.2
130°	121.4	116.2	111.1	107.2	104.6	98.2	93.0	87.8	83.9	80.1	76.2
132.5°	131.7	125.3	120.1	117.5	114.9	108.5	103.3	98.2	94.3	90.4	86.5
135°	140.8	134.3	129.1	126.6	124.0	118.8	112.4	108.5	103.3	100.7	96.9
137.5°	148.5	143.4	138.2	135.6	133.0	127.9	122.7	118.8	113.7	109.8	105.9
140°	157.6	151.1	147.2	144.6	142.1	136.9	133.0	129.1	124.0	120.1	116.2
142.5°	165.3	160.1	155.0	152.4	151.1	145.9	140.8	138.2	134.3	130.4	126.6
145°	171.8	166.6	162.7	160.1	157.6	153.7	149.8	147.2	143.4	139.5	135.6
147.5°	178.2	173.1	169.2	167.9	165.3	161.4	157.6	155.0	152.4	149.8	145.9
150°	184.7	179.5	176.9	175.6	173.1	170.5	165.3	164.0	161.4	157.6	155.0
152.5°	191.1	187.3	183.4	182.1	180.8	176.9	173.1	170.5	169.2	165.3	162.7
155°	197.6	192.4	189.9	188.6	187.3	184.7	180.8	178.2	176.9	174.4	171.8
157.5°	201.5	197.6	195.0	193.7	192.4	189.9	187.3	184.7	184.7	180.8	179.5
160°	206.6	202.8	200.2	198.9	198.9	196.3	193.7	191.1	191.1	188.6	187.3
162.5°	210.5	207.9	205.3	205.3	204.1	201.5	200.2	197.6	197.6	196.3	193.7
165°	215.7	211.8	210.5	209.2	209.2	207.9	205.3	202.8	204.1	202.8	200.2
167.5°	218.3	215.7	214.4	214.4	213.1	211.8	210.5	207.9	209.2	207.9	206.6
170°	222.1	218.3	218.3	217.0	217.0	217.0	215.7	213.1	213.1	213.1	211.8
172.5°	223.4	220.8	220.8	220.8	220.8	219.6	219.6	217.0	218.3	218.3	217.0
175°	226.0	223.4	223.4	223.4	223.4	223.4	222.1	220.8	222.1	222.1	220.8
177.5°	227.3	226.0	226.0	226.0	226.0	226.0	226.0	224.7	226.0	227.3	224.7
180°	228.6	228.6	228.6	228.6	228.6	228.6	228.6	228.6	228.6	228.6	228.6



TEST NUMBER: P303055

CATALOG NUMBER: CTW-F-2575-20L935-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	715.5	715.5	715.5	715.5	715.5	715.5	715.5	715.5
2.5°	714.2	714.2	712.9	712.9	714.2	710.3	707.7	707.7
5°	710.3	709.0	709.0	709.0	710.3	707.7	705.2	705.2
7.5°	705.2	703.9	702.6	703.9	705.2	702.6	700.0	700.0
10°	697.4	696.1	694.8	694.8	696.1	693.5	692.2	692.2
12.5°	687.1	684.5	683.2	684.5	685.8	683.2	681.9	681.9
15°	674.2	672.9	672.9	672.9	674.2	671.6	669.0	670.3
17.5°	661.2	660.0	658.7	660.0	660.0	657.4	654.8	654.8
20°	644.5	643.2	641.9	643.2	643.2	640.6	638.0	638.0
22.5°	626.4	625.1	623.8	625.1	625.1	622.5	619.9	619.9
25°	607.0	604.4	604.4	605.7	604.4	603.1	600.5	600.5
27.5°	587.6	585.0	585.0	586.3	585.0	581.2	579.9	578.6
30°	567.0	563.1	563.1	564.4	563.1	559.2	557.9	557.9
32.5°	543.7	541.1	542.4	542.4	541.1	537.3	536.0	536.0
35°	521.8	519.2	520.5	520.5	517.9	515.3	514.0	512.7
37.5°	498.5	497.2	498.5	497.2	495.9	492.1	490.8	490.8
40°	474.0	474.0	475.3	472.7	471.4	468.8	466.2	467.5
42.5°	450.7	449.4	450.7	449.4	448.1	445.6	443.0	443.0
45°	426.2	426.2	424.9	424.9	423.6	421.0	418.4	419.7
47.5°	401.7	401.7	401.7	400.4	399.1	396.5	395.2	395.2
50°	377.1	377.1	375.8	375.8	373.2	370.7	370.7	372.0
52.5°	352.6	351.3	351.3	350.0	350.0	347.4	344.8	344.8
55°	325.5	324.2	322.9	322.9	321.6	320.3	317.7	319.0
57.5°	300.9	298.3	299.6	297.0	297.0	294.5	293.2	293.2
60°	275.1	273.8	273.8	272.5	271.2	269.9	268.6	268.6
62.5°	250.6	248.0	248.0	246.7	246.7	245.4	244.1	244.1
65°	224.7	222.1	222.1	220.8	222.1	219.6	219.6	219.6
67.5°	198.9	197.6	197.6	196.3	196.3	195.0	193.7	195.0
70°	174.4	173.1	171.8	170.5	171.8	170.5	170.5	169.2
72.5°	148.5	147.2	147.2	147.2	145.9	144.6	144.6	144.6
75°	124.0	122.7	122.7	121.4	121.4	120.1	118.8	120.1
77.5°	99.4	98.2	96.9	96.9	96.9	95.6	96.9	95.6
80°	74.9	72.3	72.3	72.3	72.3	71.0	72.3	69.7
82.5°	50.4	47.8	47.8	47.8	46.5	46.5	46.5	45.2
85°	25.8	25.8	25.8	24.5	24.5	24.5	24.5	23.2
87.5°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
90°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
92.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
95°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
97.5°	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
100°	16.8	16.8	16.8	16.8	18.1	16.8	16.8	16.8
102.5°	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
105°	23.2	23.2	23.2	23.2	24.5	24.5	24.5	24.5
107.5°	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
110°	33.6	32.3	32.3	32.3	31.0	31.0	31.0	31.0



TEST NUMBER: P303055

CATALOG NUMBER: CTW-F-2575-20L935-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	38.7	38.7	38.7	38.7	38.7	38.7	37.5	37.5
115°	42.6	42.6	43.9	43.9	43.9	43.9	43.9	43.9
117.5°	45.2	46.5	46.5	46.5	47.8	47.8	47.8	47.8
120°	49.1	49.1	49.1	49.1	50.4	50.4	50.4	50.4
122.5°	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
125°	58.1	56.8	56.8	56.8	56.8	56.8	55.5	55.5
127.5°	64.6	63.3	62.0	62.0	60.7	60.7	59.4	59.4
130°	72.3	71.0	69.7	68.4	67.2	67.2	65.9	65.9
132.5°	82.7	80.1	78.8	77.5	76.2	74.9	73.6	73.6
135°	93.0	90.4	89.1	87.8	85.2	83.9	82.7	82.7
137.5°	103.3	100.7	99.4	98.2	95.6	94.3	93.0	93.0
140°	113.7	111.1	109.8	108.5	105.9	104.6	103.3	103.3
142.5°	122.7	120.1	120.1	118.8	116.2	114.9	113.7	113.7
145°	133.0	130.4	129.1	129.1	126.6	124.0	124.0	122.7
147.5°	142.1	140.8	139.5	138.2	136.9	134.3	134.3	133.0
150°	152.4	149.8	148.5	148.5	145.9	144.6	143.4	143.4
152.5°	161.4	158.9	157.6	157.6	156.3	155.0	153.7	153.7
155°	169.2	166.6	166.6	166.6	165.3	164.0	162.7	162.7
157.5°	176.9	175.6	174.4	174.4	174.4	171.8	171.8	171.8
160°	184.7	183.4	183.4	183.4	182.1	180.8	180.8	180.8
162.5°	192.4	191.1	191.1	191.1	189.9	188.6	188.6	188.6
165°	198.9	197.6	197.6	197.6	197.6	196.3	196.3	196.3
167.5°	205.3	204.1	204.1	204.1	204.1	202.8	202.8	202.8
170°	210.5	210.5	209.2	209.2	209.2	209.2	207.9	209.2
172.5°	215.7	215.7	214.4	214.4	215.7	214.4	213.1	214.4
175°	220.8	220.8	219.6	219.6	219.6	218.3	217.0	218.3
177.5°	226.0	224.7	224.7	224.7	224.7	223.4	220.8	220.8
180°	228.6	228.6	228.6	228.6	228.6	228.6	228.6	228.6

(END OF REPORT)