

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: P303054

Luminaire Tested: **CTW-F-2575-20L930-UNV-STD-6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303054
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-2575-20L930-UNV-STD-6
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 2000 LUMEN PACKAGE
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

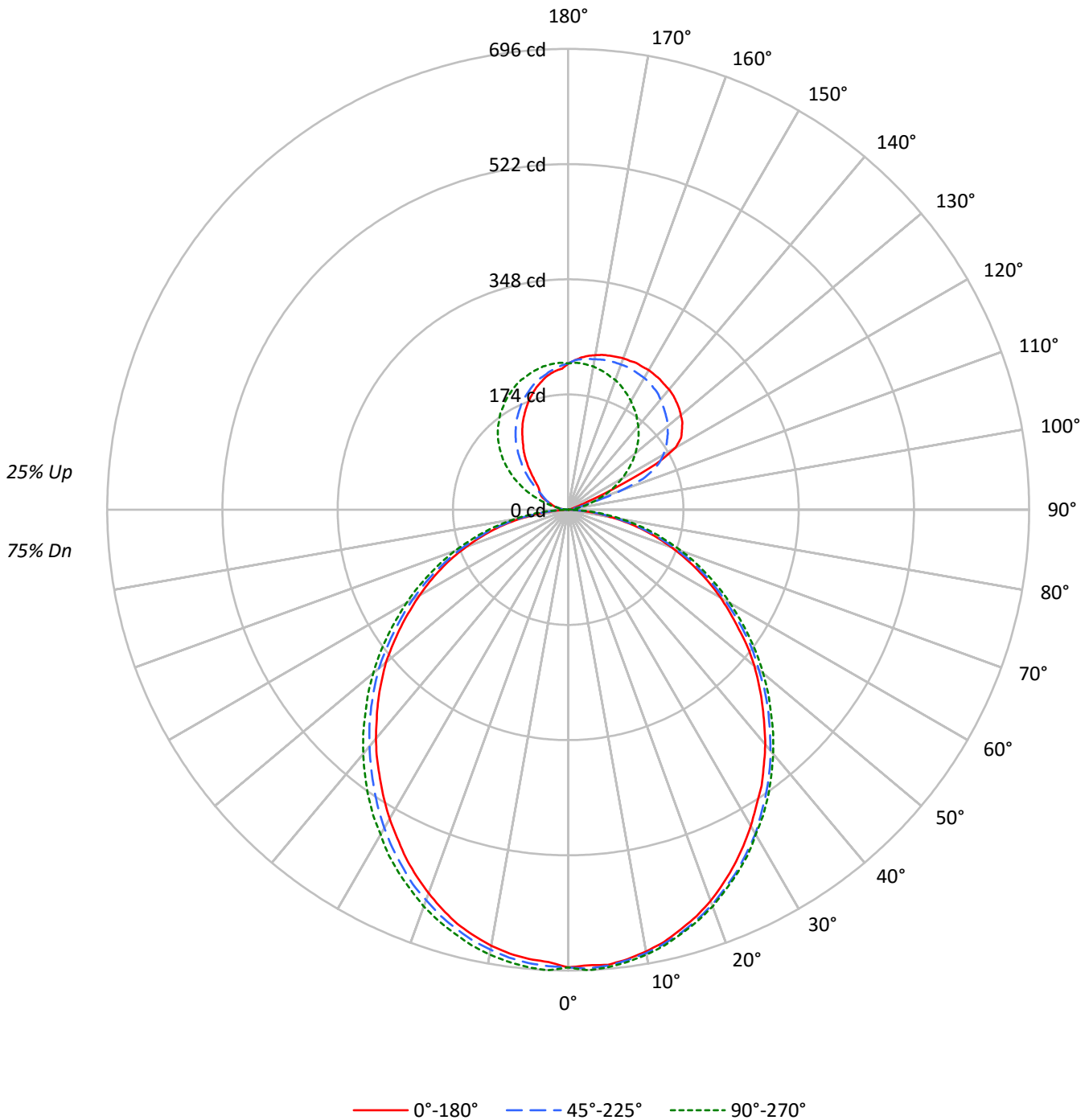
Lumens per Lamp: N/A
Luminaire Lumens: 2468.3 lumens
Efficiency: N/A
Efficacy: 97.9 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32
Luminous Opening: Rectangular (W 6' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

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°	9920	9920	9920
5°	9939	9994	9814
10°	9872	9945	9745
15°	9750	9844	9621
20°	9604	9737	9413
25°	9384	9582	9186
30°	9138	9386	8932
35°	8918	9225	8678
40°	8672	9023	8461
45°	8407	8786	8230
50°	8190	8580	8022
55°	7867	8335	7712
60°	7627	8094	7449
65°	7328	7838	7203
70°	6962	7641	6857
75°	6504	7331	6432
80°	5571	6802	5571
85°	3705	5961	3705



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.2	2.6
10°-20°	184.8	7.5
20°-30°	273.7	11.1
30°-40°	321.1	13.0
40°-50°	325.4	13.2
50°-60°	288.8	11.7
60°-70°	220.2	8.9
70°-80°	130.3	5.3
80°-90°	34.4	1.4
90°-100°	6.4	0.3
100°-110°	27.6	1.1
110°-120°	76.7	3.1
120°-130°	109.8	4.4
130°-140°	118.1	4.8
140°-150°	112.2	4.5
150°-160°	92.2	3.7
160°-170°	60.4	2.4
170°-180°	21.0	0.8
0°-30°	523.7	21.2
0°-40°	844.8	34.2
0°-60°	1459.0	59.1
0°-90°	1843.8	74.7
90°-120°	110.7	4.5
90°-150°	450.9	18.3
90°-180°	624.0	25.3
0°-180°	2468.3	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	691	691	691	691	691	
5°	690	691	694	687	681	65
15°	656	661	662	655	648	185
25°	593	603	605	594	580	273
35°	509	522	526	512	495	318
45°	414	427	433	420	406	320
55°	314	326	333	321	308	282
65°	216	223	231	221	212	214
75°	117	122	132	122	116	123
85°	22	27	36	27	22	28
90°	0	0	0	1	2	1
95°	1	2	5	9	8	2
105°	8	21	30	21	24	8
115°	80	142	72	39	42	89
125°	210	182	114	62	54	187
135°	231	207	150	100	80	178
145°	241	225	178	138	118	151
155°	244	232	200	171	157	113
165°	241	233	215	197	190	68
175°	231	228	222	215	211	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°	691.2	691.2	691.2	691.2	691.2	691.2	691.2	691.2	691.2	691.2	691.2
2.5°	688.7	688.7	688.7	689.9	691.2	691.2	691.2	689.9	691.2	694.9	693.7
5°	689.9	688.7	688.7	687.4	688.7	688.7	688.7	687.4	688.7	692.4	691.2
7.5°	684.9	684.9	684.9	683.7	684.9	683.7	683.7	682.4	684.9	687.4	686.2
10°	677.4	676.2	676.2	676.2	677.4	677.4	676.2	676.2	677.4	681.2	679.9
12.5°	668.7	668.7	668.7	667.5	668.7	668.7	668.7	667.5	668.7	672.5	671.2
15°	656.2	657.5	657.5	656.2	658.7	658.7	657.5	657.5	658.7	661.2	661.2
17.5°	643.8	643.8	643.8	643.8	646.3	645.0	645.0	645.0	646.3	648.7	648.7
20°	628.8	628.8	628.8	627.5	630.0	630.0	630.0	630.0	631.3	635.0	635.0
22.5°	611.3	611.3	611.3	611.3	612.6	612.6	612.6	612.6	613.8	617.6	618.8
25°	592.6	592.6	592.6	592.6	593.9	593.9	593.9	595.1	596.3	600.1	602.6
27.5°	572.6	573.9	573.9	573.9	573.9	575.1	575.1	576.4	577.6	580.1	583.9
30°	551.4	551.4	552.7	552.7	553.9	553.9	553.9	555.2	557.7	560.2	565.2
32.5°	529.0	530.2	531.5	531.5	532.7	532.7	534.0	534.0	536.5	537.7	542.7
35°	509.0	509.0	507.8	510.3	510.3	510.3	511.5	512.8	512.8	515.3	521.5
37.5°	485.3	486.6	485.3	487.8	489.1	487.8	489.1	490.3	491.6	492.8	499.0
40°	462.9	462.9	462.9	464.1	465.4	465.4	465.4	466.6	469.1	471.6	475.3
42.5°	437.9	439.2	439.2	440.4	441.6	440.4	441.6	444.1	445.4	447.9	450.4
45°	414.2	415.4	414.2	416.7	417.9	417.9	417.9	420.4	421.7	422.9	426.7
47.5°	390.5	391.7	390.5	391.7	394.2	394.2	394.2	395.5	398.0	399.2	401.7
50°	366.8	366.8	366.8	368.0	369.3	370.5	370.5	370.5	373.0	374.3	375.5
52.5°	341.8	341.8	341.8	344.3	344.3	344.3	345.6	346.8	348.1	350.6	351.8
55°	314.4	314.4	314.4	315.6	316.9	316.9	318.1	319.4	320.6	321.9	325.6
57.5°	289.4	290.7	289.4	290.7	291.9	291.9	294.4	294.4	295.7	296.9	299.4
60°	265.7	265.7	265.7	265.7	267.0	267.0	267.0	268.2	270.7	272.0	273.2
62.5°	240.8	240.8	240.8	242.0	242.0	242.0	243.3	244.5	245.8	247.0	248.3
65°	215.8	215.8	215.8	217.1	217.1	217.1	217.1	219.6	220.8	222.1	223.3
67.5°	190.9	190.9	190.9	192.1	192.1	192.1	193.4	194.6	195.9	197.1	198.4
70°	165.9	167.2	165.9	167.2	167.2	167.2	168.4	169.7	169.7	172.2	172.2
72.5°	141.0	141.0	141.0	142.2	142.2	143.5	143.5	144.7	144.7	146.0	147.2
75°	117.3	116.0	117.3	118.5	117.3	117.3	118.5	119.8	121.0	122.3	122.3
77.5°	92.3	92.3	92.3	93.6	94.8	93.6	94.8	96.1	96.1	98.6	97.3
80°	67.4	67.4	68.6	69.9	69.9	69.9	69.9	71.1	72.4	73.6	73.6
82.5°	43.7	44.9	44.9	46.2	46.2	46.2	47.4	47.4	48.7	49.9	49.9
85°	22.5	23.7	22.5	23.7	23.7	25.0	25.0	25.0	26.2	27.4	27.4
87.5°	5.0	3.7	3.7	5.0	3.7	5.0	5.0	5.0	5.0	6.2	8.7
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°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
95°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.5	2.5	2.5
97.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.7	3.7
100°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	5.0	5.0	5.0	6.2
102.5°	5.0	5.0	5.0	5.0	6.2	6.2	6.2	6.2	7.5	8.7	10.0
105°	7.5	7.5	7.5	7.5	7.5	7.5	8.7	10.0	11.2	15.0	21.2
107.5°	10.0	10.0	10.0	11.2	11.2	12.5	12.5	16.2	22.5	31.2	47.4
110°	15.0	16.2	16.2	18.7	21.2	23.7	26.2	36.2	49.9	69.9	86.1



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	31.2	33.7	34.9	42.4	52.4	58.6	63.6	82.3	102.3	114.8	122.3
115°	79.8	83.6	88.6	99.8	113.5	119.8	124.8	136.0	143.5	144.7	142.2
117.5°	149.7	151.0	153.5	159.7	163.4	164.7	164.7	165.9	164.7	160.9	155.9
120°	187.1	187.1	185.9	185.9	184.6	184.6	183.4	179.7	175.9	172.2	165.9
122.5°	202.1	200.9	199.6	198.4	197.1	194.6	193.4	189.6	185.9	180.9	174.7
125°	209.6	209.6	208.3	207.1	204.6	203.4	200.9	197.1	193.4	188.4	182.1
127.5°	217.1	215.8	214.6	213.3	210.8	209.6	208.3	204.6	199.6	194.6	189.6
130°	222.1	222.1	220.8	219.6	217.1	215.8	213.3	210.8	205.9	200.9	195.9
132.5°	227.1	227.1	225.8	224.6	222.1	220.8	219.6	215.8	210.8	207.1	202.1
135°	230.8	230.8	229.6	228.3	225.8	224.6	223.3	220.8	215.8	212.1	207.1
137.5°	234.5	233.3	232.1	232.1	229.6	228.3	227.1	224.6	219.6	215.8	212.1
140°	237.0	235.8	235.8	234.5	232.1	232.1	230.8	227.1	224.6	220.8	217.1
142.5°	238.3	238.3	238.3	237.0	234.5	234.5	233.3	230.8	227.1	224.6	222.1
145°	240.8	239.5	239.5	238.3	237.0	237.0	235.8	233.3	229.6	227.1	224.6
147.5°	242.0	242.0	240.8	240.8	239.5	238.3	238.3	235.8	232.1	229.6	228.3
150°	243.3	243.3	242.0	242.0	240.8	239.5	239.5	237.0	233.3	232.1	229.6
152.5°	243.3	243.3	243.3	242.0	242.0	240.8	239.5	237.0	235.8	233.3	230.8
155°	244.5	244.5	243.3	243.3	242.0	240.8	239.5	238.3	235.8	234.5	232.1
157.5°	243.3	244.5	243.3	242.0	242.0	240.8	239.5	238.3	235.8	235.8	233.3
160°	243.3	243.3	243.3	242.0	242.0	240.8	239.5	238.3	237.0	235.8	233.3
162.5°	242.0	242.0	242.0	242.0	240.8	240.8	239.5	237.0	235.8	235.8	233.3
165°	240.8	242.0	240.8	240.8	239.5	239.5	238.3	237.0	235.8	235.8	233.3
167.5°	239.5	239.5	238.3	238.3	237.0	237.0	235.8	234.5	234.5	234.5	232.1
170°	237.0	237.0	235.8	235.8	235.8	234.5	234.5	233.3	233.3	233.3	230.8
172.5°	234.5	234.5	233.3	233.3	233.3	232.1	232.1	230.8	230.8	230.8	229.6
175°	230.8	230.8	229.6	229.6	229.6	229.6	229.6	228.3	228.3	229.6	228.3
177.5°	225.8	224.6	225.8	225.8	225.8	225.8	225.8	224.6	225.8	225.8	225.8
180°	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	691.2	691.2	691.2	691.2	691.2	691.2	691.2	691.2	691.2	691.2	691.2
2.5°	688.7	687.4	686.2	688.7	689.9	691.2	692.4	694.9	696.2	696.2	694.9
5°	686.2	684.9	683.7	686.2	687.4	687.4	688.7	692.4	692.4	693.7	692.4
7.5°	681.2	679.9	679.9	681.2	682.4	683.7	684.9	687.4	688.7	688.7	687.4
10°	674.9	673.7	673.7	674.9	676.2	677.4	677.4	679.9	681.2	682.4	681.2
12.5°	667.5	665.0	665.0	666.2	667.5	668.7	670.0	672.5	673.7	673.7	672.5
15°	656.2	653.7	653.7	656.2	657.5	658.7	658.7	661.2	662.5	662.5	662.5
17.5°	645.0	642.5	642.5	643.8	645.0	646.3	646.3	650.0	650.0	651.2	650.0
20°	631.3	628.8	628.8	630.0	631.3	632.5	632.5	635.0	636.3	637.5	636.3
22.5°	615.1	613.8	613.8	615.1	616.3	617.6	617.6	620.1	621.3	621.3	621.3
25°	598.8	596.3	596.3	597.6	598.8	600.1	601.3	603.8	605.1	605.1	603.8
27.5°	581.4	578.9	577.6	578.9	581.4	582.6	583.9	586.4	587.6	587.6	586.4
30°	562.7	558.9	557.7	560.2	562.7	563.9	563.9	566.4	567.7	566.4	566.4
32.5°	541.5	540.2	537.7	539.0	541.5	542.7	544.0	546.4	547.7	547.7	545.2
35°	521.5	519.0	517.8	517.8	520.2	521.5	522.7	524.0	525.2	526.5	525.2
37.5°	500.3	497.8	496.5	497.8	499.0	500.3	501.5	502.8	504.0	504.0	502.8
40°	477.8	475.3	474.1	475.3	475.3	476.6	479.1	480.3	482.8	481.6	479.1
42.5°	454.1	451.6	451.6	450.4	452.9	455.4	455.4	456.6	459.1	457.9	456.6
45°	430.4	429.2	427.9	429.2	427.9	430.4	432.9	432.9	434.2	432.9	432.9
47.5°	405.5	404.2	404.2	405.5	405.5	405.5	408.0	409.2	409.2	409.2	409.2
50°	380.5	379.3	380.5	381.8	381.8	381.8	383.0	384.3	384.3	384.3	383.0
52.5°	354.3	356.8	355.6	356.8	356.8	358.1	359.3	359.3	360.6	359.3	358.1
55°	326.9	329.4	330.6	331.9	333.1	331.9	333.1	334.4	335.6	333.1	333.1
57.5°	300.7	301.9	303.2	304.4	305.7	304.4	305.7	306.9	305.7	306.9	305.7
60°	275.7	277.0	277.0	279.5	280.7	279.5	280.7	282.0	282.0	282.0	280.7
62.5°	252.0	252.0	252.0	255.8	254.5	254.5	255.8	257.0	257.0	257.0	255.8
65°	225.8	227.1	227.1	228.3	229.6	229.6	229.6	230.8	232.1	230.8	230.8
67.5°	198.4	202.1	200.9	202.1	203.4	204.6	205.9	205.9	205.9	207.1	205.9
70°	174.7	175.9	175.9	178.4	179.7	179.7	180.9	180.9	182.1	182.1	180.9
72.5°	149.7	151.0	152.2	153.5	153.5	154.7	154.7	154.7	157.2	155.9	155.9
75°	124.8	126.0	127.3	128.5	128.5	129.7	129.7	129.7	131.0	132.2	131.0
77.5°	99.8	101.1	102.3	103.6	103.6	104.8	106.0	104.8	106.0	107.3	106.0
80°	76.1	77.4	77.4	78.6	79.8	79.8	81.1	81.1	81.1	82.3	81.1
82.5°	52.4	53.6	53.6	56.1	56.1	57.4	57.4	57.4	57.4	58.6	57.4
85°	29.9	31.2	31.2	32.4	33.7	33.7	34.9	34.9	34.9	36.2	34.9
87.5°	8.7	10.0	10.0	11.2	12.5	12.5	13.7	13.7	13.7	15.0	15.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
92.5°	1.2	1.2	1.2	1.2	1.2	2.5	2.5	2.5	2.5	1.2	2.5
95°	2.5	2.5	3.7	5.0	5.0	6.2	7.5	7.5	6.2	5.0	5.0
97.5°	3.7	5.0	7.5	11.2	12.5	13.7	15.0	13.7	11.2	8.7	8.7
100°	7.5	11.2	16.2	21.2	23.7	25.0	25.0	21.2	17.5	15.0	12.5
102.5°	15.0	22.5	31.2	37.4	38.7	38.7	36.2	31.2	26.2	21.2	18.7
105°	31.2	44.9	53.6	56.1	54.9	53.6	48.7	42.4	36.2	29.9	26.2
107.5°	62.4	74.9	76.1	73.6	71.1	68.6	61.1	53.6	46.2	39.9	34.9
110°	96.1	98.6	96.1	88.6	86.1	81.1	73.6	66.1	57.4	49.9	44.9



TEST NUMBER: P303054

CATALOG NUMBER: CTW-F-2575-20L930-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	121.0	116.0	109.8	102.3	98.6	94.8	86.1	78.6	68.6	61.1	54.9
115°	137.2	129.7	122.3	114.8	109.8	106.0	97.3	89.8	79.8	72.4	64.9
117.5°	148.5	141.0	133.5	126.0	121.0	117.3	109.8	99.8	91.1	82.3	76.1
120°	158.4	152.2	143.5	136.0	132.2	128.5	119.8	111.0	101.1	93.6	86.1
122.5°	168.4	160.9	153.5	146.0	142.2	138.5	129.7	119.8	112.3	103.6	96.1
125°	175.9	169.7	162.2	154.7	151.0	147.2	138.5	129.7	121.0	113.5	106.0
127.5°	183.4	177.2	169.7	162.2	158.4	154.7	146.0	138.5	131.0	123.5	116.0
130°	190.9	184.6	177.2	169.7	165.9	162.2	154.7	147.2	139.7	132.2	124.8
132.5°	198.4	190.9	184.6	177.2	173.4	169.7	162.2	154.7	148.5	141.0	134.7
135°	203.4	197.1	189.6	183.4	179.7	175.9	169.7	162.2	155.9	149.7	143.5
137.5°	208.3	202.1	194.6	188.4	184.6	182.1	175.9	169.7	163.4	157.2	151.0
140°	212.1	205.9	199.6	193.4	189.6	188.4	182.1	175.9	170.9	164.7	158.4
142.5°	215.8	209.6	203.4	197.1	194.6	193.4	187.1	182.1	177.2	170.9	165.9
145°	219.6	213.3	207.1	202.1	199.6	197.1	192.1	187.1	183.4	178.4	172.2
147.5°	222.1	215.8	210.8	205.9	203.4	202.1	197.1	193.4	188.4	183.4	178.4
150°	224.6	218.3	214.6	209.6	208.3	205.9	200.9	197.1	193.4	189.6	184.6
152.5°	227.1	220.8	217.1	213.3	212.1	209.6	205.9	202.1	199.6	194.6	190.9
155°	227.1	223.3	219.6	215.8	214.6	213.3	209.6	207.1	203.4	199.6	195.9
157.5°	228.3	224.6	220.8	218.3	217.1	215.8	212.1	210.8	207.1	204.6	199.6
160°	229.6	225.8	222.1	220.8	219.6	218.3	215.8	213.3	210.8	208.3	204.6
162.5°	229.6	227.1	223.3	222.1	220.8	220.8	217.1	215.8	213.3	210.8	208.3
165°	229.6	227.1	224.6	223.3	223.3	222.1	219.6	218.3	215.8	214.6	212.1
167.5°	229.6	227.1	225.8	224.6	224.6	223.3	220.8	220.8	218.3	217.1	214.6
170°	228.3	227.1	225.8	224.6	224.6	224.6	222.1	222.1	220.8	219.6	217.1
172.5°	227.1	225.8	224.6	224.6	224.6	223.3	222.1	222.1	222.1	220.8	219.6
175°	225.8	224.6	223.3	223.3	223.3	223.3	222.1	222.1	222.1	222.1	220.8
177.5°	223.3	222.1	222.1	222.1	222.1	222.1	222.1	222.1	222.1	222.1	222.1
180°	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8



TEST NUMBER: P303054

CATALOG NUMBER: CTW-F-2575-20L930-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	691.2	691.2	691.2	691.2	691.2	691.2	691.2	691.2	691.2	691.2	691.2
2.5°	691.2	687.4	687.4	687.4	688.7	689.9	689.9	687.4	689.9	693.7	689.9
5°	687.4	683.7	683.7	684.9	684.9	686.2	686.2	683.7	687.4	689.9	686.2
7.5°	683.7	679.9	678.7	679.9	679.9	682.4	681.2	678.7	682.4	683.7	681.2
10°	676.2	672.5	672.5	672.5	673.7	674.9	673.7	671.2	674.9	676.2	673.7
12.5°	667.5	662.5	663.7	663.7	665.0	665.0	663.7	662.5	666.2	667.5	663.7
15°	656.2	652.5	652.5	652.5	653.7	655.0	653.7	651.2	655.0	655.0	651.2
17.5°	643.8	641.3	640.0	640.0	641.3	642.5	641.3	637.5	642.5	642.5	640.0
20°	630.0	627.5	626.3	626.3	627.5	627.5	626.3	623.8	627.5	627.5	623.8
22.5°	615.1	611.3	610.1	611.3	612.6	611.3	610.1	607.6	612.6	610.1	607.6
25°	597.6	596.3	593.9	595.1	595.1	595.1	592.6	591.4	593.9	591.4	588.9
27.5°	581.4	577.6	576.4	577.6	576.4	576.4	573.9	572.6	575.1	572.6	570.2
30°	561.4	557.7	557.7	557.7	557.7	556.4	553.9	553.9	555.2	553.9	550.2
32.5°	541.5	537.7	536.5	539.0	537.7	536.5	534.0	534.0	534.0	531.5	527.7
35°	520.2	516.5	516.5	517.8	516.5	515.3	512.8	512.8	511.5	509.0	506.5
37.5°	497.8	495.3	494.0	496.5	495.3	494.0	490.3	491.6	489.1	487.8	485.3
40°	475.3	472.8	471.6	474.1	474.1	470.3	469.1	469.1	466.6	464.1	461.6
42.5°	451.6	449.1	450.4	451.6	451.6	446.6	446.6	445.4	444.1	441.6	439.2
45°	429.2	426.7	426.7	429.2	427.9	424.2	424.2	421.7	420.4	417.9	414.2
47.5°	405.5	403.0	404.2	404.2	404.2	400.5	400.5	398.0	396.7	394.2	391.7
50°	380.5	379.3	380.5	379.3	380.5	376.8	376.8	374.3	373.0	370.5	366.8
52.5°	355.6	355.6	355.6	356.8	355.6	351.8	351.8	349.3	346.8	345.6	343.1
55°	329.4	330.6	330.6	330.6	330.6	325.6	324.4	321.9	320.6	318.1	315.6
57.5°	303.2	304.4	303.2	303.2	303.2	300.7	299.4	298.2	295.7	293.2	291.9
60°	279.5	279.5	278.2	278.2	278.2	275.7	274.5	273.2	270.7	268.2	268.2
62.5°	254.5	254.5	253.3	253.3	252.0	250.8	249.5	248.3	245.8	244.5	243.3
65°	229.6	229.6	228.3	227.1	227.1	225.8	224.6	222.1	220.8	218.3	218.3
67.5°	205.9	204.6	203.4	203.4	203.4	200.9	199.6	197.1	195.9	194.6	194.6
70°	180.9	179.7	178.4	178.4	178.4	175.9	174.7	172.2	170.9	169.7	169.7
72.5°	155.9	154.7	154.7	153.5	152.2	151.0	149.7	148.5	146.0	146.0	144.7
75°	131.0	129.7	128.5	128.5	127.3	126.0	124.8	122.3	122.3	122.3	121.0
77.5°	106.0	104.8	104.8	103.6	103.6	101.1	99.8	101.1	97.3	97.3	96.1
80°	81.1	79.8	81.1	78.6	78.6	77.4	76.1	76.1	73.6	73.6	72.4
82.5°	57.4	56.1	57.4	56.1	54.9	53.6	53.6	52.4	49.9	49.9	48.7
85°	34.9	33.7	34.9	33.7	32.4	31.2	29.9	29.9	27.4	26.2	26.2
87.5°	15.0	12.5	12.5	11.2	11.2	10.0	10.0	10.0	7.5	7.5	6.2
90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
92.5°	2.5	3.7	3.7	3.7	5.0	5.0	5.0	3.7	3.7	3.7	3.7
95°	5.0	6.2	7.5	7.5	7.5	8.7	8.7	8.7	8.7	7.5	7.5
97.5°	7.5	8.7	8.7	10.0	10.0	11.2	12.5	12.5	12.5	12.5	12.5
100°	12.5	11.2	12.5	13.7	13.7	13.7	13.7	15.0	15.0	16.2	16.2
102.5°	17.5	16.2	16.2	16.2	16.2	17.5	17.5	17.5	17.5	18.7	18.7
105°	23.7	21.2	20.0	20.0	20.0	21.2	22.5	22.5	21.2	21.2	21.2
107.5°	31.2	27.4	25.0	25.0	25.0	25.0	25.0	26.2	27.4	26.2	26.2
110°	39.9	34.9	32.4	31.2	29.9	28.7	28.7	29.9	31.2	32.4	32.4



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CATALOG NUMBER: CTW-F-2575-20L930-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	48.7	43.7	39.9	38.7	36.2	34.9	33.7	33.7	34.9	36.2	36.2
115°	58.6	53.6	47.4	46.2	43.7	41.2	38.7	38.7	38.7	38.7	39.9
117.5°	68.6	62.4	57.4	54.9	52.4	48.7	44.9	43.7	42.4	42.4	43.7
120°	78.6	73.6	66.1	63.6	61.1	57.4	52.4	49.9	47.4	47.4	47.4
122.5°	88.6	83.6	77.4	73.6	71.1	66.1	61.1	57.4	54.9	52.4	51.2
125°	98.6	93.6	87.3	83.6	81.1	74.9	69.9	66.1	62.4	59.9	57.4
127.5°	108.5	102.3	97.3	94.8	91.1	84.8	79.8	76.1	71.1	67.4	64.9
130°	117.3	112.3	107.3	103.6	101.1	94.8	89.8	84.8	81.1	77.4	73.6
132.5°	127.3	121.0	116.0	113.5	111.0	104.8	99.8	94.8	91.1	87.3	83.6
135°	136.0	129.7	124.8	122.3	119.8	114.8	108.5	104.8	99.8	97.3	93.6
137.5°	143.5	138.5	133.5	131.0	128.5	123.5	118.5	114.8	109.8	106.0	102.3
140°	152.2	146.0	142.2	139.7	137.2	132.2	128.5	124.8	119.8	116.0	112.3
142.5°	159.7	154.7	149.7	147.2	146.0	141.0	136.0	133.5	129.7	126.0	122.3
145°	165.9	160.9	157.2	154.7	152.2	148.5	144.7	142.2	138.5	134.7	131.0
147.5°	172.2	167.2	163.4	162.2	159.7	155.9	152.2	149.7	147.2	144.7	141.0
150°	178.4	173.4	170.9	169.7	167.2	164.7	159.7	158.4	155.9	152.2	149.7
152.5°	184.6	180.9	177.2	175.9	174.7	170.9	167.2	164.7	163.4	159.7	157.2
155°	190.9	185.9	183.4	182.1	180.9	178.4	174.7	172.2	170.9	168.4	165.9
157.5°	194.6	190.9	188.4	187.1	185.9	183.4	180.9	178.4	178.4	174.7	173.4
160°	199.6	195.9	193.4	192.1	192.1	189.6	187.1	184.6	184.6	182.1	180.9
162.5°	203.4	200.9	198.4	198.4	197.1	194.6	193.4	190.9	190.9	189.6	187.1
165°	208.3	204.6	203.4	202.1	202.1	200.9	198.4	195.9	197.1	195.9	193.4
167.5°	210.8	208.3	207.1	207.1	205.9	204.6	203.4	200.9	202.1	200.9	199.6
170°	214.6	210.8	210.8	209.6	209.6	209.6	208.3	205.9	205.9	205.9	204.6
172.5°	215.8	213.3	213.3	213.3	213.3	212.1	212.1	209.6	210.8	210.8	209.6
175°	218.3	215.8	215.8	215.8	215.8	215.8	214.6	213.3	214.6	214.6	213.3
177.5°	219.6	218.3	218.3	218.3	218.3	218.3	218.3	217.1	218.3	219.6	217.1
180°	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8



TEST NUMBER: P303054

CATALOG NUMBER: CTW-F-2575-20L930-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	691.2	691.2	691.2	691.2	691.2	691.2	691.2	691.2
2.5°	689.9	689.9	688.7	688.7	689.9	686.2	683.7	683.7
5°	686.2	684.9	684.9	684.9	686.2	683.7	681.2	681.2
7.5°	681.2	679.9	678.7	679.9	681.2	678.7	676.2	676.2
10°	673.7	672.5	671.2	671.2	672.5	670.0	668.7	668.7
12.5°	663.7	661.2	660.0	661.2	662.5	660.0	658.7	658.7
15°	651.2	650.0	650.0	650.0	651.2	648.7	646.3	647.5
17.5°	638.8	637.5	636.3	637.5	637.5	635.0	632.5	632.5
20°	622.5	621.3	620.1	621.3	621.3	618.8	616.3	616.3
22.5°	605.1	603.8	602.6	603.8	603.8	601.3	598.8	598.8
25°	586.4	583.9	583.9	585.1	583.9	582.6	580.1	580.1
27.5°	567.7	565.2	565.2	566.4	565.2	561.4	560.2	558.9
30°	547.7	544.0	544.0	545.2	544.0	540.2	539.0	539.0
32.5°	525.2	522.7	524.0	524.0	522.7	519.0	517.8	517.8
35°	504.0	501.5	502.8	502.8	500.3	497.8	496.5	495.3
37.5°	481.6	480.3	481.6	480.3	479.1	475.3	474.1	474.1
40°	457.9	457.9	459.1	456.6	455.4	452.9	450.4	451.6
42.5°	435.4	434.2	435.4	434.2	432.9	430.4	427.9	427.9
45°	411.7	411.7	410.5	410.5	409.2	406.7	404.2	405.5
47.5°	388.0	388.0	388.0	386.8	385.5	383.0	381.8	381.8
50°	364.3	364.3	363.0	363.0	360.6	358.1	358.1	359.3
52.5°	340.6	339.3	339.3	338.1	338.1	335.6	333.1	333.1
55°	314.4	313.1	311.9	311.9	310.7	309.4	306.9	308.2
57.5°	290.7	288.2	289.4	286.9	286.9	284.5	283.2	283.2
60°	265.7	264.5	264.5	263.2	262.0	260.7	259.5	259.5
62.5°	242.0	239.5	239.5	238.3	238.3	237.0	235.8	235.8
65°	217.1	214.6	214.6	213.3	214.6	212.1	212.1	212.1
67.5°	192.1	190.9	190.9	189.6	189.6	188.4	187.1	188.4
70°	168.4	167.2	165.9	164.7	165.9	164.7	164.7	163.4
72.5°	143.5	142.2	142.2	142.2	141.0	139.7	139.7	139.7
75°	119.8	118.5	118.5	117.3	117.3	116.0	114.8	116.0
77.5°	96.1	94.8	93.6	93.6	93.6	92.3	93.6	92.3
80°	72.4	69.9	69.9	69.9	69.9	68.6	69.9	67.4
82.5°	48.7	46.2	46.2	46.2	44.9	44.9	44.9	43.7
85°	25.0	25.0	25.0	23.7	23.7	23.7	23.7	22.5
87.5°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
90°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
92.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
95°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
97.5°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
100°	16.2	16.2	16.2	16.2	17.5	16.2	16.2	16.2
102.5°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
105°	22.5	22.5	22.5	22.5	23.7	23.7	23.7	23.7
107.5°	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
110°	32.4	31.2	31.2	31.2	29.9	29.9	29.9	29.9



TEST NUMBER: P303054

CATALOG NUMBER: CTW-F-2575-20L930-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	37.4	37.4	37.4	37.4	37.4	37.4	36.2	36.2
115°	41.2	41.2	42.4	42.4	42.4	42.4	42.4	42.4
117.5°	43.7	44.9	44.9	44.9	46.2	46.2	46.2	46.2
120°	47.4	47.4	47.4	47.4	48.7	48.7	48.7	48.7
122.5°	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
125°	56.1	54.9	54.9	54.9	54.9	54.9	53.6	53.6
127.5°	62.4	61.1	59.9	59.9	58.6	58.6	57.4	57.4
130°	69.9	68.6	67.4	66.1	64.9	64.9	63.6	63.6
132.5°	79.8	77.4	76.1	74.9	73.6	72.4	71.1	71.1
135°	89.8	87.3	86.1	84.8	82.3	81.1	79.8	79.8
137.5°	99.8	97.3	96.1	94.8	92.3	91.1	89.8	89.8
140°	109.8	107.3	106.0	104.8	102.3	101.1	99.8	99.8
142.5°	118.5	116.0	116.0	114.8	112.3	111.0	109.8	109.8
145°	128.5	126.0	124.8	124.8	122.3	119.8	119.8	118.5
147.5°	137.2	136.0	134.7	133.5	132.2	129.7	129.7	128.5
150°	147.2	144.7	143.5	143.5	141.0	139.7	138.5	138.5
152.5°	155.9	153.5	152.2	152.2	151.0	149.7	148.5	148.5
155°	163.4	160.9	160.9	160.9	159.7	158.4	157.2	157.2
157.5°	170.9	169.7	168.4	168.4	168.4	165.9	165.9	165.9
160°	178.4	177.2	177.2	177.2	175.9	174.7	174.7	174.7
162.5°	185.9	184.6	184.6	184.6	183.4	182.1	182.1	182.1
165°	192.1	190.9	190.9	190.9	190.9	189.6	189.6	189.6
167.5°	198.4	197.1	197.1	197.1	197.1	195.9	195.9	195.9
170°	203.4	203.4	202.1	202.1	202.1	202.1	200.9	202.1
172.5°	208.3	208.3	207.1	207.1	208.3	207.1	205.9	207.1
175°	213.3	213.3	212.1	212.1	212.1	210.8	209.6	210.8
177.5°	218.3	217.1	217.1	217.1	217.1	215.8	213.3	213.3
180°	220.8	220.8	220.8	220.8	220.8	220.8	220.8	220.8

(END OF REPORT)