

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: P303060

Luminaire Tested: **CTW-F-2575-20L930-UNV-STD-8**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303060
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-8
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

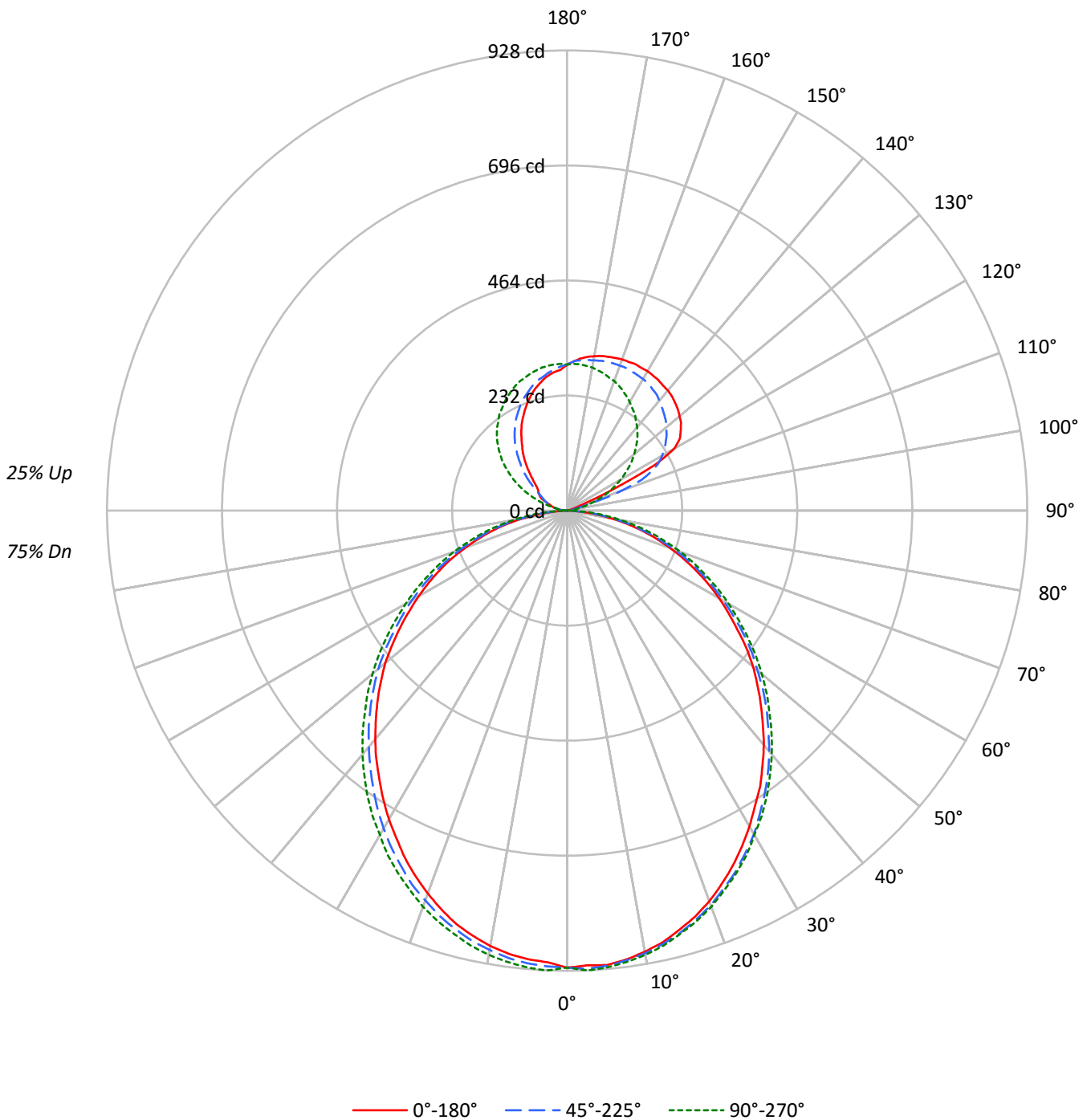
Lumens per Lamp: N/A
Luminaire Lumens: 3291.0 lumens
Efficiency: N/A
Efficacy: 100.6 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32
Luminous Opening: Rectangular (W 8' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 32.7
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°	9940	9994	9813
10°	9873	9945	9745
15°	9751	9843	9620
20°	9604	9737	9412
25°	9384	9582	9187
30°	9138	9386	8932
35°	8918	9225	8678
40°	8671	9022	8462
45°	8407	8786	8229
50°	8190	8579	8023
55°	7867	8334	7711
60°	7627	8092	7449
65°	7330	7837	7203
70°	6962	7644	6858
75°	6504	7332	6434
80°	5566	6806	5566
85°	3693	5953	3693



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.0	2.6
10°-20°	246.4	7.5
20°-30°	364.9	11.1
30°-40°	428.2	13.0
40°-50°	433.9	13.2
50°-60°	385.0	11.7
60°-70°	293.6	8.9
70°-80°	173.7	5.3
80°-90°	45.8	1.4
90°-100°	8.5	0.3
100°-110°	36.8	1.1
110°-120°	102.3	3.1
120°-130°	146.4	4.4
130°-140°	157.5	4.8
140°-150°	149.6	4.5
150°-160°	122.9	3.7
160°-170°	80.6	2.4
170°-180°	28.0	0.8
0°-30°	698.3	21.2
0°-40°	1126.4	34.2
0°-60°	1945.4	59.1
0°-90°	2458.4	74.7
90°-120°	147.7	4.5
90°-150°	601.2	18.3
90°-180°	833.0	25.3
0°-180°	3291.0	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	922	922	922	922	922	
5°	920	922	925	917	908	87
15°	875	882	883	873	863	247
25°	790	804	807	792	774	364
35°	679	695	702	682	660	424
45°	552	569	577	561	541	427
55°	419	434	444	428	411	376
65°	288	298	308	294	283	285
75°	156	163	176	163	155	164
85°	30	37	48	37	30	37
90°	0	0	0	2	3	1
95°	2	3	7	12	10	2
105°	10	28	40	28	32	11
115°	106	190	96	52	57	118
125°	280	243	151	83	72	249
135°	308	276	200	133	106	238
145°	321	299	238	185	158	201
155°	326	309	266	228	210	150
165°	321	311	286	263	253	91
175°	308	304	296	286	281	30
180°	294	294	294	294	294	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	921.6	921.6	921.6	921.6	921.6	921.6	921.6	921.6	921.6	921.6	921.6
2.5°	918.2	918.2	918.2	919.9	921.6	921.6	921.6	919.9	921.6	926.5	924.9
5°	919.9	918.2	918.2	916.6	918.2	918.2	918.2	916.6	918.2	923.2	921.6
7.5°	913.2	913.2	913.2	911.6	913.2	911.6	911.6	909.9	913.2	916.6	914.9
10°	903.3	901.6	901.6	901.6	903.3	903.3	901.6	901.6	903.3	908.2	906.6
12.5°	891.6	891.6	891.6	889.9	891.6	891.6	891.6	889.9	891.6	896.6	894.9
15°	875.0	876.6	876.6	875.0	878.3	878.3	876.6	876.6	878.3	881.6	881.6
17.5°	858.3	858.3	858.3	858.3	861.7	860.0	860.0	860.0	861.7	865.0	865.0
20°	838.4	838.4	838.4	836.7	840.0	840.0	840.0	840.0	841.7	846.7	846.7
22.5°	815.1	815.1	815.1	815.1	816.8	816.8	816.8	816.8	818.4	823.4	825.1
25°	790.1	790.1	790.1	790.1	791.8	791.8	791.8	793.5	795.1	800.1	803.5
27.5°	763.5	765.2	765.2	765.2	765.2	766.9	766.9	768.5	770.2	773.5	778.5
30°	735.2	735.2	736.9	736.9	738.6	738.6	738.6	740.2	743.6	746.9	753.5
32.5°	705.3	707.0	708.6	708.6	710.3	710.3	712.0	712.0	715.3	717.0	723.6
35°	678.7	678.7	677.0	680.4	680.4	680.4	682.0	683.7	683.7	687.0	695.3
37.5°	647.1	648.7	647.1	650.4	652.1	650.4	652.1	653.7	655.4	657.1	665.4
40°	617.1	617.1	617.1	618.8	620.5	620.5	620.5	622.1	625.5	628.8	633.8
42.5°	583.9	585.5	585.5	587.2	588.9	587.2	588.9	592.2	593.9	597.2	600.5
45°	552.3	553.9	552.3	555.6	557.3	557.3	557.3	560.6	562.2	563.9	568.9
47.5°	520.7	522.3	520.7	522.3	525.7	525.7	525.7	527.3	530.6	532.3	535.6
50°	489.1	489.1	489.1	490.7	492.4	494.0	494.0	494.0	497.4	499.0	500.7
52.5°	455.8	455.8	455.8	459.1	459.1	459.1	460.8	462.4	464.1	467.4	469.1
55°	419.2	419.2	419.2	420.9	422.5	422.5	424.2	425.8	427.5	429.2	434.2
57.5°	385.9	387.6	385.9	387.6	389.2	389.2	392.6	392.6	394.2	395.9	399.2
60°	354.3	354.3	354.3	354.3	356.0	356.0	356.0	357.6	361.0	362.6	364.3
62.5°	321.0	321.0	321.0	322.7	322.7	322.7	324.4	326.0	327.7	329.4	331.0
65°	287.8	287.8	287.8	289.4	289.4	289.4	289.4	292.8	294.4	296.1	297.8
67.5°	254.5	254.5	254.5	256.2	256.2	256.2	257.8	259.5	261.2	262.8	264.5
70°	221.2	222.9	221.2	222.9	222.9	222.9	224.6	226.2	226.2	229.6	229.6
72.5°	188.0	188.0	188.0	189.6	189.6	191.3	191.3	193.0	193.0	194.6	196.3
75°	156.4	154.7	156.4	158.0	156.4	156.4	158.0	159.7	161.4	163.0	163.0
77.5°	123.1	123.1	123.1	124.8	126.4	124.8	126.4	128.1	128.1	131.4	129.7
80°	89.8	89.8	91.5	93.2	93.2	93.2	93.2	94.8	96.5	98.1	98.1
82.5°	58.2	59.9	59.9	61.5	61.5	61.5	63.2	63.2	64.9	66.5	66.5
85°	29.9	31.6	29.9	31.6	31.6	33.3	33.3	33.3	34.9	36.6	36.6
87.5°	6.7	5.0	5.0	6.7	5.0	6.7	6.7	6.7	6.7	8.3	11.6
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°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
95°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	3.3	3.3	3.3
97.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	5.0	5.0
100°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	6.7	6.7	6.7	8.3
102.5°	6.7	6.7	6.7	6.7	8.3	8.3	8.3	8.3	10.0	11.6	13.3
105°	10.0	10.0	10.0	10.0	10.0	10.0	11.6	13.3	15.0	20.0	28.3
107.5°	13.3	13.3	13.3	15.0	15.0	16.6	16.6	21.6	29.9	41.6	63.2
110°	20.0	21.6	21.6	25.0	28.3	31.6	34.9	48.2	66.5	93.2	114.8



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	41.6	44.9	46.6	56.6	69.9	78.2	84.8	109.8	136.4	153.0	163.0
115°	106.5	111.5	118.1	133.1	151.4	159.7	166.3	181.3	191.3	193.0	189.6
117.5°	199.6	201.3	204.6	212.9	217.9	219.6	219.6	221.2	219.6	214.6	207.9
120°	249.5	249.5	247.9	247.9	246.2	246.2	244.5	239.5	234.5	229.6	221.2
122.5°	269.5	267.8	266.2	264.5	262.8	259.5	257.8	252.8	247.9	241.2	232.9
125°	279.5	279.5	277.8	276.1	272.8	271.1	267.8	262.8	257.8	251.2	242.9
127.5°	289.4	287.8	286.1	284.5	281.1	279.5	277.8	272.8	266.2	259.5	252.8
130°	296.1	296.1	294.4	292.8	289.4	287.8	284.5	281.1	274.5	267.8	261.2
132.5°	302.7	302.7	301.1	299.4	296.1	294.4	292.8	287.8	281.1	276.1	269.5
135°	307.7	307.7	306.1	304.4	301.1	299.4	297.8	294.4	287.8	282.8	276.1
137.5°	312.7	311.1	309.4	309.4	306.1	304.4	302.7	299.4	292.8	287.8	282.8
140°	316.1	314.4	314.4	312.7	309.4	309.4	307.7	302.7	299.4	294.4	289.4
142.5°	317.7	317.7	317.7	316.1	312.7	312.7	311.1	307.7	302.7	299.4	296.1
145°	321.0	319.4	319.4	317.7	316.1	316.1	314.4	311.1	306.1	302.7	299.4
147.5°	322.7	322.7	321.0	321.0	319.4	317.7	317.7	314.4	309.4	306.1	304.4
150°	324.4	324.4	322.7	322.7	321.0	319.4	319.4	316.1	311.1	309.4	306.1
152.5°	324.4	324.4	324.4	322.7	322.7	321.0	319.4	316.1	314.4	311.1	307.7
155°	326.0	326.0	324.4	324.4	322.7	321.0	319.4	317.7	314.4	312.7	309.4
157.5°	324.4	326.0	324.4	322.7	322.7	321.0	319.4	317.7	314.4	314.4	311.1
160°	324.4	324.4	324.4	322.7	322.7	321.0	319.4	317.7	316.1	314.4	311.1
162.5°	322.7	322.7	322.7	322.7	321.0	321.0	319.4	316.1	314.4	314.4	311.1
165°	321.0	322.7	321.0	321.0	319.4	319.4	317.7	316.1	314.4	314.4	311.1
167.5°	319.4	319.4	317.7	317.7	316.1	316.1	314.4	312.7	312.7	312.7	309.4
170°	316.1	316.1	314.4	314.4	314.4	312.7	312.7	311.1	311.1	311.1	307.7
172.5°	312.7	312.7	311.1	311.1	311.1	309.4	309.4	307.7	307.7	307.7	306.1
175°	307.7	307.7	306.1	306.1	306.1	306.1	306.1	304.4	304.4	306.1	304.4
177.5°	301.1	299.4	301.1	301.1	301.1	301.1	301.1	299.4	301.1	301.1	301.1
180°	294.4	294.4	294.4	294.4	294.4	294.4	294.4	294.4	294.4	294.4	294.4



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	921.6	921.6	921.6	921.6	921.6	921.6	921.6	921.6	921.6	921.6	921.6
2.5°	918.2	916.6	914.9	918.2	919.9	921.6	923.2	926.5	928.2	928.2	926.5
5°	914.9	913.2	911.6	914.9	916.6	916.6	918.2	923.2	923.2	924.9	923.2
7.5°	908.2	906.6	906.6	908.2	909.9	911.6	913.2	916.6	918.2	918.2	916.6
10°	899.9	898.3	898.3	899.9	901.6	903.3	903.3	906.6	908.2	909.9	908.2
12.5°	889.9	886.6	886.6	888.3	889.9	891.6	893.3	896.6	898.3	898.3	896.6
15°	875.0	871.7	871.7	875.0	876.6	878.3	878.3	881.6	883.3	883.3	883.3
17.5°	860.0	856.7	856.7	858.3	860.0	861.7	861.7	866.7	866.7	868.3	866.7
20°	841.7	838.4	838.4	840.0	841.7	843.4	843.4	846.7	848.4	850.0	848.4
22.5°	820.1	818.4	818.4	820.1	821.7	823.4	823.4	826.7	828.4	828.4	828.4
25°	798.5	795.1	795.1	796.8	798.5	800.1	801.8	805.1	806.8	806.8	805.1
27.5°	775.2	771.8	770.2	771.8	775.2	776.8	778.5	781.8	783.5	783.5	781.8
30°	750.2	745.2	743.6	746.9	750.2	751.9	751.9	755.2	756.9	755.2	755.2
32.5°	721.9	720.3	717.0	718.6	721.9	723.6	725.3	728.6	730.3	730.3	726.9
35°	695.3	692.0	690.3	690.3	693.7	695.3	697.0	698.7	700.3	702.0	700.3
37.5°	667.0	663.7	662.1	663.7	665.4	667.0	668.7	670.4	672.0	672.0	670.4
40°	637.1	633.8	632.1	633.8	633.8	635.4	638.8	640.4	643.8	642.1	638.8
42.5°	605.5	602.2	602.2	600.5	603.8	607.2	607.2	608.8	612.2	610.5	608.8
45°	573.9	572.2	570.6	572.2	570.6	573.9	577.2	577.2	578.9	577.2	577.2
47.5°	540.6	539.0	539.0	540.6	540.6	540.6	544.0	545.6	545.6	545.6	545.6
50°	507.4	505.7	507.4	509.0	509.0	509.0	510.7	512.3	512.3	512.3	510.7
52.5°	472.4	475.7	474.1	475.7	475.7	477.4	479.1	479.1	480.7	479.1	477.4
55°	435.8	439.2	440.8	442.5	444.1	442.5	444.1	445.8	447.5	444.1	444.1
57.5°	400.9	402.6	404.2	405.9	407.5	405.9	407.5	409.2	407.5	409.2	407.5
60°	367.6	369.3	369.3	372.6	374.3	372.6	374.3	375.9	375.9	375.9	374.3
62.5°	336.0	336.0	336.0	341.0	339.3	339.3	341.0	342.7	342.7	342.7	341.0
65°	301.1	302.7	302.7	304.4	306.1	306.1	306.1	307.7	309.4	307.7	307.7
67.5°	264.5	269.5	267.8	269.5	271.1	272.8	274.5	274.5	274.5	276.1	274.5
70°	232.9	234.5	234.5	237.9	239.5	239.5	241.2	241.2	242.9	242.9	241.2
72.5°	199.6	201.3	202.9	204.6	204.6	206.3	206.3	206.3	209.6	207.9	207.9
75°	166.3	168.0	169.7	171.3	171.3	173.0	173.0	173.0	174.7	176.3	174.7
77.5°	133.1	134.7	136.4	138.1	138.1	139.7	141.4	139.7	141.4	143.1	141.4
80°	101.5	103.1	103.1	104.8	106.5	106.5	108.1	108.1	108.1	109.8	108.1
82.5°	69.9	71.5	71.5	74.9	74.9	76.5	76.5	76.5	76.5	78.2	76.5
85°	39.9	41.6	41.6	43.2	44.9	44.9	46.6	46.6	46.6	48.2	46.6
87.5°	11.6	13.3	13.3	15.0	16.6	16.6	18.3	18.3	18.3	20.0	20.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
92.5°	1.7	1.7	1.7	1.7	1.7	3.3	3.3	3.3	3.3	1.7	3.3
95°	3.3	3.3	5.0	6.7	6.7	8.3	10.0	10.0	8.3	6.7	6.7
97.5°	5.0	6.7	10.0	15.0	16.6	18.3	20.0	18.3	15.0	11.6	11.6
100°	10.0	15.0	21.6	28.3	31.6	33.3	33.3	28.3	23.3	20.0	16.6
102.5°	20.0	29.9	41.6	49.9	51.6	51.6	48.2	41.6	34.9	28.3	25.0
105°	41.6	59.9	71.5	74.9	73.2	71.5	64.9	56.6	48.2	39.9	34.9
107.5°	83.2	99.8	101.5	98.1	94.8	91.5	81.5	71.5	61.5	53.2	46.6
110°	128.1	131.4	128.1	118.1	114.8	108.1	98.1	88.2	76.5	66.5	59.9



TEST NUMBER: P303060

CATALOG NUMBER: CTW-F-2575-20L930-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	161.4	154.7	146.4	136.4	131.4	126.4	114.8	104.8	91.5	81.5	73.2
115°	183.0	173.0	163.0	153.0	146.4	141.4	129.7	119.8	106.5	96.5	86.5
117.5°	198.0	188.0	178.0	168.0	161.4	156.4	146.4	133.1	121.4	109.8	101.5
120°	211.3	202.9	191.3	181.3	176.3	171.3	159.7	148.0	134.7	124.8	114.8
122.5°	224.6	214.6	204.6	194.6	189.6	184.6	173.0	159.7	149.7	138.1	128.1
125°	234.5	226.2	216.2	206.3	201.3	196.3	184.6	173.0	161.4	151.4	141.4
127.5°	244.5	236.2	226.2	216.2	211.3	206.3	194.6	184.6	174.7	164.7	154.7
130°	254.5	246.2	236.2	226.2	221.2	216.2	206.3	196.3	186.3	176.3	166.3
132.5°	264.5	254.5	246.2	236.2	231.2	226.2	216.2	206.3	198.0	188.0	179.7
135°	271.1	262.8	252.8	244.5	239.5	234.5	226.2	216.2	207.9	199.6	191.3
137.5°	277.8	269.5	259.5	251.2	246.2	242.9	234.5	226.2	217.9	209.6	201.3
140°	282.8	274.5	266.2	257.8	252.8	251.2	242.9	234.5	227.9	219.6	211.3
142.5°	287.8	279.5	271.1	262.8	259.5	257.8	249.5	242.9	236.2	227.9	221.2
145°	292.8	284.5	276.1	269.5	266.2	262.8	256.2	249.5	244.5	237.9	229.6
147.5°	296.1	287.8	281.1	274.5	271.1	269.5	262.8	257.8	251.2	244.5	237.9
150°	299.4	291.1	286.1	279.5	277.8	274.5	267.8	262.8	257.8	252.8	246.2
152.5°	302.7	294.4	289.4	284.5	282.8	279.5	274.5	269.5	266.2	259.5	254.5
155°	302.7	297.8	292.8	287.8	286.1	284.5	279.5	276.1	271.1	266.2	261.2
157.5°	304.4	299.4	294.4	291.1	289.4	287.8	282.8	281.1	276.1	272.8	266.2
160°	306.1	301.1	296.1	294.4	292.8	291.1	287.8	284.5	281.1	277.8	272.8
162.5°	306.1	302.7	297.8	296.1	294.4	294.4	289.4	287.8	284.5	281.1	277.8
165°	306.1	302.7	299.4	297.8	297.8	296.1	292.8	291.1	287.8	286.1	282.8
167.5°	306.1	302.7	301.1	299.4	299.4	297.8	294.4	294.4	291.1	289.4	286.1
170°	304.4	302.7	301.1	299.4	299.4	299.4	296.1	296.1	294.4	292.8	289.4
172.5°	302.7	301.1	299.4	299.4	299.4	297.8	296.1	296.1	296.1	294.4	292.8
175°	301.1	299.4	297.8	297.8	297.8	297.8	296.1	296.1	296.1	296.1	294.4
177.5°	297.8	296.1	296.1	296.1	296.1	296.1	296.1	296.1	296.1	296.1	296.1
180°	294.4	294.4	294.4	294.4	294.4	294.4	294.4	294.4	294.4	294.4	294.4



TEST NUMBER: P303060

CATALOG NUMBER: CTW-F-2575-20L930-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	921.6	921.6	921.6	921.6	921.6	921.6	921.6	921.6	921.6	921.6	921.6
2.5°	921.6	916.6	916.6	916.6	918.2	919.9	919.9	916.6	919.9	924.9	919.9
5°	916.6	911.6	911.6	913.2	913.2	914.9	914.9	911.6	916.6	919.9	914.9
7.5°	911.6	906.6	904.9	906.6	906.6	909.9	908.2	904.9	909.9	911.6	908.2
10°	901.6	896.6	896.6	896.6	898.3	899.9	898.3	894.9	899.9	901.6	898.3
12.5°	889.9	883.3	885.0	885.0	886.6	886.6	885.0	883.3	888.3	889.9	885.0
15°	875.0	870.0	870.0	870.0	871.7	873.3	871.7	868.3	873.3	873.3	868.3
17.5°	858.3	855.0	853.4	853.4	855.0	856.7	855.0	850.0	856.7	856.7	853.4
20°	840.0	836.7	835.1	835.1	836.7	836.7	835.1	831.7	836.7	836.7	831.7
22.5°	820.1	815.1	813.4	815.1	816.8	815.1	813.4	810.1	816.8	813.4	810.1
25°	796.8	795.1	791.8	793.5	793.5	793.5	790.1	788.5	791.8	788.5	785.2
27.5°	775.2	770.2	768.5	770.2	768.5	768.5	765.2	763.5	766.9	763.5	760.2
30°	748.6	743.6	743.6	743.6	743.6	741.9	738.6	738.6	740.2	738.6	733.6
32.5°	721.9	717.0	715.3	718.6	717.0	715.3	712.0	712.0	712.0	708.6	703.6
35°	693.7	688.7	688.7	690.3	688.7	687.0	683.7	683.7	682.0	678.7	675.4
37.5°	663.7	660.4	658.7	662.1	660.4	658.7	653.7	655.4	652.1	650.4	647.1
40°	633.8	630.5	628.8	632.1	632.1	627.1	625.5	625.5	622.1	618.8	615.5
42.5°	602.2	598.8	600.5	602.2	602.2	595.5	595.5	593.9	592.2	588.9	585.5
45°	572.2	568.9	568.9	572.2	570.6	565.6	565.6	562.2	560.6	557.3	552.3
47.5°	540.6	537.3	539.0	539.0	539.0	534.0	534.0	530.6	529.0	525.7	522.3
50°	507.4	505.7	507.4	505.7	507.4	502.4	502.4	499.0	497.4	494.0	489.1
52.5°	474.1	474.1	474.1	475.7	474.1	469.1	469.1	465.8	462.4	460.8	457.5
55°	439.2	440.8	440.8	440.8	440.8	434.2	432.5	429.2	427.5	424.2	420.9
57.5°	404.2	405.9	404.2	404.2	404.2	400.9	399.2	397.6	394.2	390.9	389.2
60°	372.6	372.6	371.0	371.0	371.0	367.6	366.0	364.3	361.0	357.6	357.6
62.5°	339.3	339.3	337.7	337.7	336.0	334.4	332.7	331.0	327.7	326.0	324.4
65°	306.1	306.1	304.4	302.7	302.7	301.1	299.4	296.1	294.4	291.1	291.1
67.5°	274.5	272.8	271.1	271.1	271.1	267.8	266.2	262.8	261.2	259.5	259.5
70°	241.2	239.5	237.9	237.9	237.9	234.5	232.9	229.6	227.9	226.2	226.2
72.5°	207.9	206.3	206.3	204.6	202.9	201.3	199.6	198.0	194.6	194.6	193.0
75°	174.7	173.0	171.3	171.3	169.7	168.0	166.3	163.0	163.0	163.0	161.4
77.5°	141.4	139.7	139.7	138.1	138.1	134.7	133.1	134.7	129.7	129.7	128.1
80°	108.1	106.5	108.1	104.8	104.8	103.1	101.5	101.5	98.1	98.1	96.5
82.5°	76.5	74.9	76.5	74.9	73.2	71.5	71.5	69.9	66.5	66.5	64.9
85°	46.6	44.9	46.6	44.9	43.2	41.6	39.9	39.9	36.6	34.9	34.9
87.5°	20.0	16.6	16.6	15.0	15.0	13.3	13.3	13.3	10.0	10.0	8.3
90°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
92.5°	3.3	5.0	5.0	5.0	6.7	6.7	6.7	5.0	5.0	5.0	5.0
95°	6.7	8.3	10.0	10.0	10.0	11.6	11.6	11.6	11.6	10.0	10.0
97.5°	10.0	11.6	11.6	13.3	13.3	15.0	16.6	16.6	16.6	16.6	16.6
100°	16.6	15.0	16.6	18.3	18.3	18.3	18.3	20.0	20.0	21.6	21.6
102.5°	23.3	21.6	21.6	21.6	21.6	23.3	23.3	23.3	23.3	25.0	25.0
105°	31.6	28.3	26.6	26.6	26.6	28.3	29.9	29.9	28.3	28.3	28.3
107.5°	41.6	36.6	33.3	33.3	33.3	33.3	33.3	34.9	36.6	34.9	34.9
110°	53.2	46.6	43.2	41.6	39.9	38.3	38.3	39.9	41.6	43.2	43.2



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CATALOG NUMBER: CTW-F-2575-20L930-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	64.9	58.2	53.2	51.6	48.2	46.6	44.9	44.9	46.6	48.2	48.2
115°	78.2	71.5	63.2	61.5	58.2	54.9	51.6	51.6	51.6	51.6	53.2
117.5°	91.5	83.2	76.5	73.2	69.9	64.9	59.9	58.2	56.6	56.6	58.2
120°	104.8	98.1	88.2	84.8	81.5	76.5	69.9	66.5	63.2	63.2	63.2
122.5°	118.1	111.5	103.1	98.1	94.8	88.2	81.5	76.5	73.2	69.9	68.2
125°	131.4	124.8	116.4	111.5	108.1	99.8	93.2	88.2	83.2	79.8	76.5
127.5°	144.7	136.4	129.7	126.4	121.4	113.1	106.5	101.5	94.8	89.8	86.5
130°	156.4	149.7	143.1	138.1	134.7	126.4	119.8	113.1	108.1	103.1	98.1
132.5°	169.7	161.4	154.7	151.4	148.0	139.7	133.1	126.4	121.4	116.4	111.5
135°	181.3	173.0	166.3	163.0	159.7	153.0	144.7	139.7	133.1	129.7	124.8
137.5°	191.3	184.6	178.0	174.7	171.3	164.7	158.0	153.0	146.4	141.4	136.4
140°	202.9	194.6	189.6	186.3	183.0	176.3	171.3	166.3	159.7	154.7	149.7
142.5°	212.9	206.3	199.6	196.3	194.6	188.0	181.3	178.0	173.0	168.0	163.0
145°	221.2	214.6	209.6	206.3	202.9	198.0	193.0	189.6	184.6	179.7	174.7
147.5°	229.6	222.9	217.9	216.2	212.9	207.9	202.9	199.6	196.3	193.0	188.0
150°	237.9	231.2	227.9	226.2	222.9	219.6	212.9	211.3	207.9	202.9	199.6
152.5°	246.2	241.2	236.2	234.5	232.9	227.9	222.9	219.6	217.9	212.9	209.6
155°	254.5	247.9	244.5	242.9	241.2	237.9	232.9	229.6	227.9	224.6	221.2
157.5°	259.5	254.5	251.2	249.5	247.9	244.5	241.2	237.9	237.9	232.9	231.2
160°	266.2	261.2	257.8	256.2	256.2	252.8	249.5	246.2	246.2	242.9	241.2
162.5°	271.1	267.8	264.5	264.5	262.8	259.5	257.8	254.5	254.5	252.8	249.5
165°	277.8	272.8	271.1	269.5	269.5	267.8	264.5	261.2	262.8	261.2	257.8
167.5°	281.1	277.8	276.1	276.1	274.5	272.8	271.1	267.8	269.5	267.8	266.2
170°	286.1	281.1	281.1	279.5	279.5	279.5	277.8	274.5	274.5	274.5	272.8
172.5°	287.8	284.5	284.5	284.5	284.5	282.8	282.8	279.5	281.1	281.1	279.5
175°	291.1	287.8	287.8	287.8	287.8	287.8	286.1	284.5	286.1	286.1	284.5
177.5°	292.8	291.1	291.1	291.1	291.1	291.1	291.1	289.4	291.1	292.8	289.4
180°	294.4	294.4	294.4	294.4	294.4	294.4	294.4	294.4	294.4	294.4	294.4



TEST NUMBER: P303060

CATALOG NUMBER: CTW-F-2575-20L930-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	921.6	921.6	921.6	921.6	921.6	921.6	921.6	921.6
2.5°	919.9	919.9	918.2	918.2	919.9	914.9	911.6	911.6
5°	914.9	913.2	913.2	913.2	914.9	911.6	908.2	908.2
7.5°	908.2	906.6	904.9	906.6	908.2	904.9	901.6	901.6
10°	898.3	896.6	894.9	894.9	896.6	893.3	891.6	891.6
12.5°	885.0	881.6	880.0	881.6	883.3	880.0	878.3	878.3
15°	868.3	866.7	866.7	866.7	868.3	865.0	861.7	863.3
17.5°	851.7	850.0	848.4	850.0	850.0	846.7	843.4	843.4
20°	830.1	828.4	826.7	828.4	828.4	825.1	821.7	821.7
22.5°	806.8	805.1	803.5	805.1	805.1	801.8	798.5	798.5
25°	781.8	778.5	778.5	780.2	778.5	776.8	773.5	773.5
27.5°	756.9	753.5	753.5	755.2	753.5	748.6	746.9	745.2
30°	730.3	725.3	725.3	726.9	725.3	720.3	718.6	718.6
32.5°	700.3	697.0	698.7	698.7	697.0	692.0	690.3	690.3
35°	672.0	668.7	670.4	670.4	667.0	663.7	662.1	660.4
37.5°	642.1	640.4	642.1	640.4	638.8	633.8	632.1	632.1
40°	610.5	610.5	612.2	608.8	607.2	603.8	600.5	602.2
42.5°	580.5	578.9	580.5	578.9	577.2	573.9	570.6	570.6
45°	548.9	548.9	547.3	547.3	545.6	542.3	539.0	540.6
47.5°	517.3	517.3	517.3	515.7	514.0	510.7	509.0	509.0
50°	485.7	485.7	484.1	484.1	480.7	477.4	477.4	479.1
52.5°	454.1	452.5	452.5	450.8	450.8	447.5	444.1	444.1
55°	419.2	417.5	415.9	415.9	414.2	412.5	409.2	410.9
57.5°	387.6	384.3	385.9	382.6	382.6	379.3	377.6	377.6
60°	354.3	352.7	352.7	351.0	349.3	347.7	346.0	346.0
62.5°	322.7	319.4	319.4	317.7	317.7	316.1	314.4	314.4
65°	289.4	286.1	286.1	284.5	286.1	282.8	282.8	282.8
67.5°	256.2	254.5	254.5	252.8	252.8	251.2	249.5	251.2
70°	224.6	222.9	221.2	219.6	221.2	219.6	219.6	217.9
72.5°	191.3	189.6	189.6	189.6	188.0	186.3	186.3	186.3
75°	159.7	158.0	158.0	156.4	156.4	154.7	153.0	154.7
77.5°	128.1	126.4	124.8	124.8	124.8	123.1	124.8	123.1
80°	96.5	93.2	93.2	93.2	93.2	91.5	93.2	89.8
82.5°	64.9	61.5	61.5	61.5	59.9	59.9	59.9	58.2
85°	33.3	33.3	33.3	31.6	31.6	31.6	31.6	29.9
87.5°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
90°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
92.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
95°	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
97.5°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
100°	21.6	21.6	21.6	21.6	23.3	21.6	21.6	21.6
102.5°	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
105°	29.9	29.9	29.9	29.9	31.6	31.6	31.6	31.6
107.5°	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
110°	43.2	41.6	41.6	41.6	39.9	39.9	39.9	39.9



TEST NUMBER: P303060

CATALOG NUMBER: CTW-F-2575-20L930-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	49.9	49.9	49.9	49.9	49.9	49.9	48.2	48.2
115°	54.9	54.9	56.6	56.6	56.6	56.6	56.6	56.6
117.5°	58.2	59.9	59.9	59.9	61.5	61.5	61.5	61.5
120°	63.2	63.2	63.2	63.2	64.9	64.9	64.9	64.9
122.5°	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
125°	74.9	73.2	73.2	73.2	73.2	73.2	71.5	71.5
127.5°	83.2	81.5	79.8	79.8	78.2	78.2	76.5	76.5
130°	93.2	91.5	89.8	88.2	86.5	86.5	84.8	84.8
132.5°	106.5	103.1	101.5	99.8	98.1	96.5	94.8	94.8
135°	119.8	116.4	114.8	113.1	109.8	108.1	106.5	106.5
137.5°	133.1	129.7	128.1	126.4	123.1	121.4	119.8	119.8
140°	146.4	143.1	141.4	139.7	136.4	134.7	133.1	133.1
142.5°	158.0	154.7	154.7	153.0	149.7	148.0	146.4	146.4
145°	171.3	168.0	166.3	166.3	163.0	159.7	159.7	158.0
147.5°	183.0	181.3	179.7	178.0	176.3	173.0	173.0	171.3
150°	196.3	193.0	191.3	191.3	188.0	186.3	184.6	184.6
152.5°	207.9	204.6	202.9	202.9	201.3	199.6	198.0	198.0
155°	217.9	214.6	214.6	214.6	212.9	211.3	209.6	209.6
157.5°	227.9	226.2	224.6	224.6	224.6	221.2	221.2	221.2
160°	237.9	236.2	236.2	236.2	234.5	232.9	232.9	232.9
162.5°	247.9	246.2	246.2	246.2	244.5	242.9	242.9	242.9
165°	256.2	254.5	254.5	254.5	254.5	252.8	252.8	252.8
167.5°	264.5	262.8	262.8	262.8	262.8	261.2	261.2	261.2
170°	271.1	271.1	269.5	269.5	269.5	269.5	267.8	269.5
172.5°	277.8	277.8	276.1	276.1	277.8	276.1	274.5	276.1
175°	284.5	284.5	282.8	282.8	282.8	281.1	279.5	281.1
177.5°	291.1	289.4	289.4	289.4	289.4	287.8	284.5	284.5
180°	294.4	294.4	294.4	294.4	294.4	294.4	294.4	294.4

(END OF REPORT)