

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: P303100

Luminaire Tested: **CTW-F-2575-50L935-UNV-STD-4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303100
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-6)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: CTW-F-2575-50L935-UNV-STD-4
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 5000 LUMEN PACKAGE
Light Source: 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

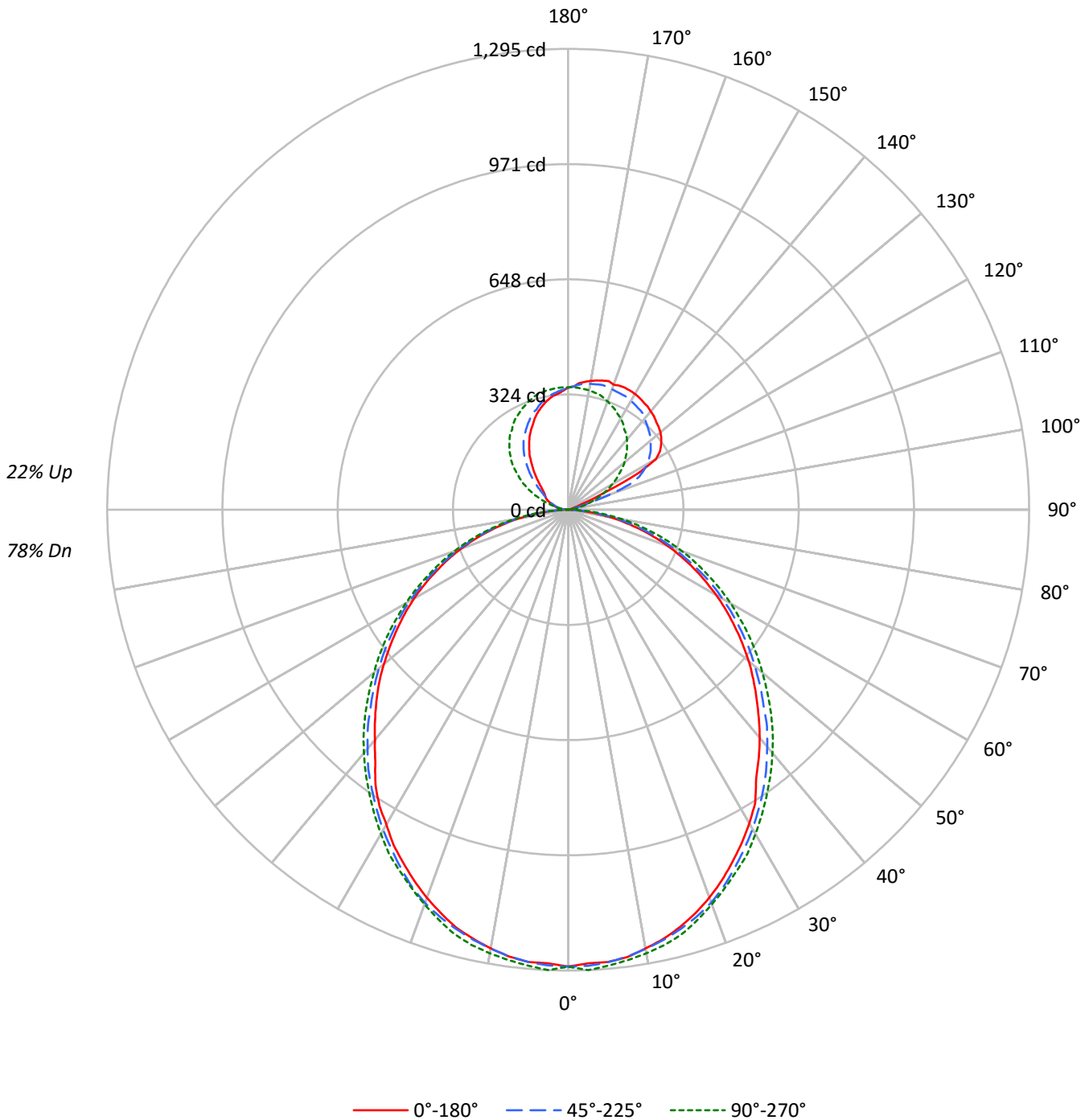
Lumens per Lamp: N/A
Luminaire Lumens: 4386.1 lumens
Efficiency: N/A
Efficacy: 99.5 lumens/watt
Spacing Criteria (0/90/45): 1.19 / 1.22 / 1.32
Luminous Opening: Rectangular (W 4' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 44.1
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	50	30	10	0	
RCR																						
0	114	114	114	114	109	109	109	109	99	99	99	90	90	90	82	82	82	78				
1	104	99	95	91	99	95	91	88	87	84	81	79	77	75	72	70	69	65				
2	94	87	80	74	90	83	77	72	76	71	67	69	66	62	63	60	58	54				
3	86	76	68	62	82	73	66	60	67	61	56	61	56	53	56	52	49	46				
4	79	67	59	52	75	65	57	51	59	53	48	54	49	45	50	46	42	39				
5	72	60	52	45	69	58	50	44	53	47	41	49	43	39	45	40	37	34				
6	67	54	45	39	64	52	44	38	48	41	36	44	39	34	41	36	32	30				
7	62	49	41	35	59	47	39	34	44	37	32	40	35	30	37	32	29	26				
8	58	45	36	31	55	43	35	30	40	33	29	37	31	27	34	29	26	24				
9	54	41	33	28	51	39	32	27	37	30	26	34	29	25	32	27	23	21				
10	50	38	30	25	48	36	29	24	34	28	23	32	26	22	29	25	21	19				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	27637	27637	27637
5°	27574	27797	27574
10°	27366	27668	27366
15°	27057	27518	27095
20°	26570	27042	26589
25°	25932	26608	26015
30°	25298	26153	25383
35°	24189	25592	24801
40°	23519	25093	23735
45°	22779	24508	23199
50°	22175	23846	22637
55°	21424	23300	22039
60°	20684	22725	21536
65°	19780	22016	20834
70°	18694	21350	20104
75°	17043	20478	18981
80°	14406	19104	17183
85°	8497	16154	12968



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.0	2.8
10°-20°	343.0	7.8
20°-30°	507.8	11.6
30°-40°	595.1	13.6
40°-50°	601.1	13.7
50°-60°	535.6	12.2
60°-70°	410.5	9.4
70°-80°	242.6	5.5
80°-90°	65.0	1.5
90°-100°	10.3	0.2
100°-110°	42.0	1.0
110°-120°	116.2	2.6
120°-130°	168.8	3.8
130°-140°	182.5	4.2
140°-150°	174.5	4.0
150°-160°	143.3	3.3
160°-170°	94.1	2.1
170°-180°	32.6	0.7
0°-30°	971.8	22.2
0°-40°	1567.0	35.7
0°-60°	2703.7	61.6
0°-90°	3421.7	78.0
90°-120°	168.5	3.8
90°-150°	694.3	15.8
90°-180°	964.0	22.0
0°-180°	4386.1	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1284	1284	1284	1284	1284	
5°	1276	1277	1286	1276	1276	121
15°	1214	1220	1235	1219	1216	342
25°	1092	1109	1120	1112	1095	503
35°	920	957	974	961	944	579
45°	748	776	805	785	762	578
55°	571	593	621	604	587	511
65°	388	406	432	419	409	384
75°	205	220	246	235	228	217
85°	34	46	65	59	52	46
90°	1	1	1	3	3	1
95°	3	3	8	14	14	3
105°	10	24	46	35	40	11
115°	106	220	110	58	65	127
125°	319	282	174	96	83	283
135°	350	319	233	157	125	271
145°	368	346	275	219	189	232
155°	378	357	311	267	247	174
165°	375	363	336	306	296	106
175°	357	353	344	333	327	34
180°	344	344	344	344	344	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1283.8	1283.8	1283.8	1283.8	1283.8	1283.8	1283.8	1283.8	1283.8	1283.8	1283.8
2.5°	1276.0	1274.3	1277.7	1280.3	1280.3	1282.0	1283.8	1286.3	1284.6	1288.9	1282.9
5°	1276.0	1273.4	1275.1	1275.1	1274.3	1276.0	1276.9	1280.3	1278.6	1282.9	1276.9
7.5°	1268.3	1266.5	1266.5	1267.4	1264.8	1266.5	1267.4	1270.0	1267.4	1271.7	1266.5
10°	1251.9	1251.0	1251.9	1252.8	1250.2	1251.9	1251.9	1253.6	1253.6	1257.1	1253.6
12.5°	1235.5	1233.0	1234.7	1233.8	1231.2	1233.0	1233.8	1237.3	1237.3	1239.8	1238.1
15°	1214.0	1213.1	1214.9	1214.9	1212.3	1213.1	1214.0	1216.6	1217.5	1220.0	1220.0
17.5°	1189.0	1187.3	1189.0	1189.0	1187.3	1188.2	1189.9	1193.3	1194.2	1197.7	1199.4
20°	1159.8	1157.2	1158.0	1158.0	1158.0	1158.9	1160.6	1164.9	1168.4	1172.7	1175.3
22.5°	1127.9	1125.3	1124.5	1124.5	1125.3	1126.2	1126.2	1133.9	1138.2	1140.8	1144.3
25°	1091.7	1089.2	1089.2	1091.7	1090.9	1092.6	1095.2	1102.1	1105.5	1102.9	1109.0
27.5°	1055.6	1053.9	1052.1	1053.9	1055.6	1057.3	1061.6	1066.8	1066.8	1068.5	1072.8
30°	1017.7	1013.4	1013.4	1016.0	1018.6	1022.0	1025.5	1028.0	1027.2	1029.8	1035.8
32.5°	977.2	975.5	973.8	976.4	980.7	983.3	985.0	985.0	985.8	990.1	996.2
35°	920.4	919.5	923.0	930.7	937.6	941.9	941.1	941.1	943.7	948.8	956.6
37.5°	879.1	878.2	878.2	882.5	884.2	886.8	888.6	896.3	902.3	910.1	914.4
40°	836.9	836.0	835.2	840.3	842.1	842.1	843.8	847.2	855.0	868.7	869.6
42.5°	792.1	793.0	792.1	796.4	798.1	799.9	800.7	803.3	808.5	817.1	826.6
45°	748.2	749.1	748.2	752.5	754.2	755.1	756.8	759.4	763.7	771.5	775.8
47.5°	705.2	705.2	703.4	708.6	710.3	712.0	712.9	714.6	721.5	726.7	731.0
50°	662.1	660.4	658.7	663.8	665.6	667.3	669.0	671.6	673.3	681.9	684.5
52.5°	616.5	615.6	614.8	619.1	620.8	621.6	624.2	626.8	630.3	638.0	640.6
55°	570.8	570.8	569.1	573.4	574.3	576.9	578.6	582.0	583.8	591.5	593.2
57.5°	526.1	526.1	523.5	527.8	528.7	531.2	533.0	535.5	538.1	543.3	547.6
60°	480.4	477.9	477.9	481.3	483.0	485.6	487.3	489.9	491.6	496.8	500.2
62.5°	433.9	434.8	434.8	435.7	440.0	439.1	439.1	444.3	446.0	449.4	455.5
65°	388.3	387.4	387.4	390.0	391.8	392.6	392.6	398.6	400.4	402.9	406.4
67.5°	342.7	343.5	343.5	343.5	347.8	347.0	347.0	352.1	353.9	356.5	358.2
70°	297.0	297.9	298.8	297.9	302.2	300.5	303.1	305.7	307.4	310.8	313.4
72.5°	251.4	252.3	253.1	253.1	256.6	254.9	257.4	260.0	264.3	265.2	266.9
75°	204.9	205.8	206.6	206.6	209.2	207.5	210.1	212.7	214.4	217.8	220.4
77.5°	160.1	161.0	162.7	162.7	164.5	162.7	165.3	168.8	170.5	172.2	175.6
80°	116.2	117.1	118.8	118.8	121.4	119.7	121.4	124.0	126.6	129.1	130.9
82.5°	74.0	74.9	75.8	76.6	79.2	79.2	79.2	81.8	85.2	85.2	87.8
85°	34.4	35.3	36.2	36.2	38.7	38.7	38.7	41.3	43.0	44.8	46.5
87.5°	4.3	5.2	5.2	5.2	6.0	6.0	6.0	6.9	7.7	8.6	10.3
90°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
92.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
95°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
97.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	4.3	4.3	4.3	5.2
100°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	6.0	6.0	6.9	7.7
102.5°	6.9	6.9	6.9	7.7	7.7	7.7	7.7	8.6	9.5	10.3	12.9
105°	9.5	9.5	9.5	10.3	10.3	11.2	11.2	12.1	14.6	17.2	24.1
107.5°	13.8	13.8	13.8	14.6	15.5	16.4	17.2	20.7	25.8	36.2	56.0
110°	20.7	20.7	21.5	23.2	26.7	29.3	31.9	43.9	62.0	90.4	124.8



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	41.3	42.2	45.6	50.8	63.7	69.7	80.1	111.1	142.9	173.1	187.7
115°	105.9	108.5	111.9	129.1	155.0	164.5	178.2	207.5	219.6	223.0	219.6
117.5°	220.4	223.9	224.7	240.2	246.2	248.8	252.3	255.7	251.4	246.2	239.4
120°	284.1	285.9	283.3	281.5	283.3	280.7	279.0	274.7	267.8	263.5	256.6
122.5°	305.7	306.5	303.1	300.5	298.8	297.9	295.3	288.4	280.7	277.2	269.5
125°	318.6	318.6	316.8	312.5	310.8	310.0	307.4	302.2	294.5	288.4	282.4
127.5°	329.8	329.8	326.3	322.9	321.2	320.3	315.1	310.8	306.5	298.8	291.9
130°	338.4	337.5	334.9	331.5	330.6	328.0	326.3	320.3	316.0	310.8	302.2
132.5°	344.4	345.3	341.8	341.8	340.1	334.9	334.1	328.9	323.7	317.7	311.7
135°	349.6	352.1	349.6	348.7	346.1	341.8	339.2	335.8	330.6	324.6	318.6
137.5°	356.5	354.7	355.6	353.9	352.1	348.7	346.1	344.4	338.4	333.2	326.3
140°	360.8	360.8	360.8	359.0	355.6	354.7	354.7	348.7	347.8	341.8	334.1
142.5°	365.9	365.1	364.2	361.6	362.5	359.9	356.5	356.5	351.3	347.0	342.7
145°	368.5	369.4	365.1	367.6	364.2	363.3	359.9	359.9	356.5	349.6	346.1
147.5°	372.8	372.0	369.4	370.2	367.6	366.8	364.2	362.5	357.3	353.9	349.6
150°	375.4	372.0	373.7	373.7	367.6	367.6	366.8	365.9	361.6	358.2	353.0
152.5°	377.1	375.4	374.5	375.4	370.2	370.2	369.4	365.9	364.2	359.9	356.5
155°	378.0	375.4	375.4	375.4	372.8	371.1	369.4	366.8	365.1	360.8	357.3
157.5°	377.1	377.1	374.5	375.4	374.5	372.0	367.6	367.6	367.6	363.3	358.2
160°	373.7	375.4	375.4	375.4	374.5	373.7	368.5	369.4	366.8	365.1	359.9
162.5°	378.8	375.4	375.4	374.5	373.7	372.8	371.1	371.1	368.5	365.1	362.5
165°	375.4	375.4	375.4	371.1	372.8	371.1	369.4	369.4	367.6	363.3	363.3
167.5°	372.0	371.1	370.2	368.5	369.4	366.8	365.9	366.8	364.2	363.3	360.8
170°	367.6	367.6	365.9	365.9	365.1	364.2	365.1	365.1	362.5	363.3	359.0
172.5°	362.5	364.2	363.3	362.5	360.8	360.8	359.9	359.0	358.2	359.9	356.5
175°	357.3	357.3	357.3	357.3	357.3	357.3	356.5	358.2	355.6	355.6	353.0
177.5°	346.1	349.6	347.8	352.1	353.0	352.1	353.0	352.1	349.6	352.1	347.0
180°	343.5	343.5	343.5	343.5	343.5	343.5	343.5	343.5	343.5	343.5	343.5



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1283.8	1283.8	1283.8	1283.8	1283.8	1283.8	1283.8	1283.8	1283.8	1283.8	1283.8
2.5°	1278.6	1279.4	1279.4	1280.3	1281.2	1280.3	1280.3	1286.3	1291.5	1294.9	1291.5
5°	1271.7	1271.7	1271.7	1272.6	1273.4	1272.6	1272.6	1278.6	1283.8	1286.3	1283.8
7.5°	1261.4	1261.4	1261.4	1262.2	1263.1	1263.1	1263.1	1269.1	1274.3	1276.9	1273.4
10°	1247.6	1248.4	1248.4	1249.3	1251.0	1251.0	1251.9	1257.1	1262.2	1265.7	1262.2
12.5°	1231.2	1233.0	1233.8	1235.5	1236.4	1237.3	1238.1	1244.1	1248.4	1252.8	1249.3
15°	1214.0	1215.7	1217.5	1219.2	1220.0	1220.9	1220.9	1226.9	1231.2	1234.7	1231.2
17.5°	1193.3	1195.1	1194.2	1195.1	1195.1	1195.1	1195.1	1199.4	1204.5	1208.8	1204.5
20°	1164.9	1165.8	1164.9	1164.9	1165.8	1166.7	1165.8	1171.8	1176.1	1180.4	1176.1
22.5°	1133.9	1133.1	1133.1	1134.8	1134.8	1137.4	1137.4	1142.5	1146.9	1150.3	1147.7
25°	1099.5	1100.4	1101.2	1102.1	1103.8	1105.5	1107.2	1112.4	1117.6	1120.2	1117.6
27.5°	1065.9	1065.9	1066.8	1070.2	1071.1	1074.5	1076.2	1081.4	1085.7	1090.0	1086.6
30°	1031.5	1031.5	1034.9	1036.6	1037.5	1039.2	1038.4	1044.4	1047.8	1052.1	1051.3
32.5°	996.2	996.2	996.2	997.0	997.9	1000.5	999.6	1006.5	1011.7	1013.4	1012.5
35°	957.4	953.1	954.8	957.4	958.3	960.9	962.6	966.0	972.1	973.8	972.9
37.5°	916.1	913.5	915.2	917.8	918.7	920.4	922.1	926.4	929.9	934.2	933.3
40°	875.6	873.1	873.9	877.4	879.1	880.8	881.7	885.1	888.6	892.9	892.0
42.5°	832.6	831.7	831.7	835.2	836.9	836.9	839.5	842.1	844.6	850.7	848.9
45°	787.8	787.8	787.8	791.3	793.0	793.0	796.4	798.1	802.5	805.0	804.2
47.5°	736.2	744.8	745.6	748.2	747.3	748.2	752.5	752.5	756.8	758.5	758.5
50°	688.8	695.7	700.0	702.6	703.4	703.4	708.6	708.6	710.3	712.0	714.6
52.5°	643.2	645.7	655.2	657.8	661.2	657.8	663.0	663.0	665.6	667.3	668.1
55°	596.7	599.3	603.6	609.6	611.3	612.2	616.5	617.3	619.1	620.8	620.8
57.5°	551.0	552.8	557.1	564.8	565.7	569.1	570.8	570.8	572.6	573.4	575.1
60°	505.4	507.1	510.6	513.2	518.3	520.0	524.3	525.2	526.9	527.8	527.8
62.5°	458.9	460.6	464.1	468.4	471.0	474.4	475.3	476.1	477.9	480.4	480.4
65°	412.4	414.1	417.6	421.9	421.9	422.8	428.8	429.6	431.4	432.2	434.8
67.5°	364.2	366.8	371.1	374.5	374.5	378.0	382.3	383.1	384.9	386.6	387.4
70°	316.8	319.4	323.7	328.0	329.8	330.6	333.2	335.8	338.4	339.2	340.1
72.5°	270.4	272.9	276.4	281.5	282.4	284.1	285.9	288.4	291.9	293.6	293.6
75°	223.0	225.6	229.9	235.1	236.8	235.9	239.4	241.1	244.5	246.2	246.2
77.5°	177.4	179.1	183.4	186.8	188.6	190.3	190.3	192.0	195.4	198.0	197.2
80°	133.5	135.2	138.6	142.1	142.9	145.5	145.5	147.2	149.8	154.1	151.5
82.5°	93.0	92.1	95.6	99.0	99.9	102.5	104.2	104.2	105.9	109.3	107.6
85°	50.8	51.7	54.2	57.7	59.4	60.3	62.9	62.9	64.6	65.4	68.0
87.5°	13.8	13.8	17.2	19.8	21.5	22.4	25.0	25.0	26.7	29.3	27.6
90°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
92.5°	1.7	1.7	1.7	1.7	2.6	2.6	3.4	4.3	4.3	3.4	4.3
95°	3.4	3.4	4.3	5.2	6.0	6.9	9.5	11.2	9.5	7.7	7.7
97.5°	5.2	6.0	8.6	12.1	13.8	17.2	21.5	19.8	17.2	14.6	13.8
100°	9.5	12.1	16.4	25.8	30.1	34.4	37.0	32.7	27.6	22.4	20.7
102.5°	16.4	24.1	38.7	52.5	56.0	57.7	55.1	49.1	41.3	33.6	29.3
105°	35.3	54.2	76.6	84.4	83.5	82.7	74.9	65.4	56.0	46.5	39.6
107.5°	85.2	107.6	116.2	114.5	110.2	105.9	95.6	84.4	72.3	60.3	52.5
110°	147.2	149.8	147.2	138.6	131.7	126.6	115.4	104.2	89.5	76.6	67.2



TEST NUMBER: P303100

CATALOG NUMBER: CTW-F-2575-50L935-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	187.7	179.1	169.6	159.3	152.4	146.4	133.5	120.5	106.8	93.8	83.5
115°	210.9	202.3	190.3	176.5	170.5	165.3	151.5	136.9	123.1	110.2	99.9
117.5°	229.9	218.7	207.5	195.4	189.4	182.5	169.6	155.8	140.3	126.6	117.1
120°	247.1	234.2	223.0	210.1	206.6	199.8	186.8	171.3	155.8	143.8	132.6
122.5°	260.0	248.8	236.8	226.4	220.4	215.2	200.6	186.8	172.2	159.3	149.0
125°	272.1	260.9	249.7	238.5	234.2	228.2	213.5	201.5	187.7	173.9	164.5
127.5°	284.1	271.2	262.6	254.9	247.1	239.4	226.4	215.2	202.3	191.1	179.9
130°	294.5	284.1	273.8	263.5	257.4	252.3	240.2	228.2	217.8	206.6	196.3
132.5°	301.3	293.6	283.3	275.5	266.9	262.6	250.6	240.2	229.0	219.6	209.2
135°	310.0	303.1	291.9	283.3	279.8	273.8	260.9	251.4	241.9	233.3	222.1
137.5°	318.6	310.8	302.2	292.7	287.6	283.3	271.2	264.3	254.0	244.5	235.9
140°	327.2	316.8	310.8	300.5	295.3	292.7	282.4	272.1	265.2	256.6	248.0
142.5°	332.3	323.7	316.0	308.2	304.8	300.5	291.0	279.8	274.7	267.8	258.3
145°	337.5	330.6	321.2	313.4	310.8	307.4	298.8	291.9	285.0	274.7	268.6
147.5°	342.7	334.9	328.9	321.2	316.0	315.1	306.5	299.6	291.9	286.7	278.1
150°	345.3	337.5	333.2	325.5	321.2	321.2	314.3	305.7	302.2	296.2	287.6
152.5°	348.7	343.5	338.4	333.2	328.0	327.2	321.2	315.1	308.2	302.2	297.0
155°	352.1	347.8	343.5	336.7	333.2	332.3	326.3	321.2	316.0	310.8	304.8
157.5°	353.9	347.0	344.4	340.1	337.5	334.9	328.9	324.6	322.9	316.8	310.0
160°	354.7	349.6	346.1	341.8	342.7	338.4	334.1	332.3	328.0	323.7	318.6
162.5°	355.6	353.9	348.7	345.3	344.4	341.0	338.4	335.8	333.2	329.8	325.5
165°	357.3	355.6	352.1	345.3	346.1	343.5	342.7	337.5	338.4	335.8	328.0
167.5°	356.5	353.9	350.4	350.4	346.1	346.1	343.5	342.7	340.1	337.5	332.3
170°	355.6	353.9	349.6	348.7	349.6	347.0	344.4	344.4	342.7	341.0	339.2
172.5°	353.0	351.3	348.7	351.3	348.7	347.0	345.3	341.8	345.3	341.8	338.4
175°	349.6	349.6	347.0	346.1	347.0	345.3	346.1	345.3	343.5	343.5	342.7
177.5°	347.0	347.8	344.4	345.3	346.1	344.4	346.1	346.1	347.0	344.4	346.1
180°	343.5	343.5	343.5	343.5	343.5	343.5	343.5	343.5	343.5	343.5	343.5



TEST NUMBER: P303100

CATALOG NUMBER: CTW-F-2575-50L935-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1283.8	1283.8	1283.8	1283.8	1283.8	1283.8	1283.8	1283.8	1283.8	1283.8	1283.8
2.5°	1288.1	1282.9	1281.2	1281.2	1280.3	1276.9	1276.0	1276.0	1282.0	1289.8	1281.2
5°	1279.4	1274.3	1272.6	1273.4	1272.6	1269.1	1269.1	1269.1	1276.0	1283.8	1275.1
7.5°	1270.0	1264.8	1263.1	1263.1	1262.2	1258.8	1258.8	1258.8	1265.7	1271.7	1264.8
10°	1257.9	1252.8	1251.0	1251.0	1249.3	1245.9	1245.0	1245.9	1252.8	1257.1	1250.2
12.5°	1245.0	1239.0	1237.3	1236.4	1234.7	1231.2	1229.5	1229.5	1237.3	1240.7	1233.0
15°	1227.8	1222.6	1220.0	1220.9	1219.2	1214.9	1214.0	1212.3	1219.2	1220.0	1214.9
17.5°	1202.0	1196.8	1195.9	1196.8	1195.1	1191.6	1192.5	1191.6	1199.4	1196.8	1191.6
20°	1172.7	1167.5	1166.7	1167.5	1164.9	1164.1	1165.8	1166.7	1176.1	1171.8	1165.8
22.5°	1143.4	1137.4	1137.4	1136.5	1133.9	1132.2	1133.1	1134.8	1146.9	1142.5	1138.2
25°	1112.4	1107.2	1106.4	1105.5	1102.9	1100.4	1099.5	1099.5	1111.6	1106.4	1107.2
27.5°	1084.0	1076.2	1073.7	1072.8	1070.2	1066.8	1065.9	1065.9	1075.4	1069.4	1072.8
30°	1047.0	1040.9	1040.1	1040.1	1037.5	1034.1	1031.5	1032.3	1039.2	1029.8	1031.5
32.5°	1009.1	1002.2	1003.1	1001.3	998.8	998.8	997.0	997.0	1000.5	990.1	991.9
35°	969.5	964.3	963.5	961.7	958.3	956.6	957.4	960.9	960.9	950.5	950.5
37.5°	929.0	923.0	923.9	921.3	918.7	917.0	917.0	921.3	922.1	911.8	910.1
40°	888.6	883.4	881.7	881.7	879.1	877.4	876.5	881.7	876.5	873.9	867.0
42.5°	845.5	840.3	838.6	838.6	837.8	836.9	836.0	839.5	833.4	826.6	818.8
45°	801.6	799.9	797.3	794.7	793.8	793.8	794.7	794.7	785.2	777.5	775.8
47.5°	756.0	756.0	752.5	751.7	751.7	750.8	750.8	746.5	739.6	734.4	731.8
50°	712.0	710.3	706.9	707.7	707.7	706.0	704.3	696.5	694.0	689.7	687.1
52.5°	667.3	668.1	662.1	663.8	663.0	659.5	655.2	651.8	649.2	644.9	642.3
55°	619.9	618.2	616.5	619.9	618.2	611.3	607.9	606.1	603.6	599.3	597.5
57.5°	575.1	576.0	571.7	572.6	570.0	564.0	564.0	561.4	559.6	553.6	551.9
60°	527.8	524.3	526.1	527.8	520.0	517.5	518.3	515.7	514.0	508.0	506.3
62.5°	480.4	480.4	480.4	476.1	474.4	471.8	472.7	470.1	466.7	462.4	461.5
65°	434.8	433.1	429.6	429.6	427.9	426.2	427.1	425.3	419.3	416.7	415.9
67.5°	388.3	384.9	383.1	384.0	381.4	379.7	380.6	378.8	373.7	370.2	370.2
70°	342.7	335.8	336.7	336.7	334.9	332.3	333.2	329.8	327.2	327.2	324.6
72.5°	294.5	291.9	290.2	289.3	288.4	285.9	285.9	283.3	282.4	281.5	279.8
75°	247.1	243.7	243.7	243.7	241.9	240.2	240.2	236.8	235.1	236.8	234.2
77.5°	198.0	196.3	196.3	196.3	193.7	192.9	193.7	190.3	191.1	189.4	187.7
80°	153.3	151.5	151.5	150.7	151.5	148.1	149.0	146.4	146.4	145.5	143.8
82.5°	110.2	108.5	107.6	106.8	105.9	105.0	105.9	105.0	103.3	101.6	99.9
85°	68.9	66.3	66.3	66.3	66.3	63.7	63.7	62.0	59.4	58.5	56.8
87.5°	30.1	28.4	26.7	25.8	26.7	24.1	25.0	24.1	22.4	21.5	19.8
90°	0.9	1.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.4	3.4
92.5°	5.2	6.9	6.9	6.9	6.9	7.7	7.7	7.7	6.9	6.9	7.7
95°	9.5	11.2	12.9	13.8	13.8	14.6	14.6	13.8	13.8	13.8	13.8
97.5°	13.8	15.5	16.4	17.2	18.1	19.8	20.7	21.5	21.5	21.5	21.5
100°	19.8	19.8	21.5	23.2	23.2	23.2	25.0	25.8	27.6	28.4	28.4
102.5°	26.7	25.8	25.8	26.7	28.4	30.1	29.3	29.3	31.0	31.9	33.6
105°	36.2	33.6	32.7	31.9	32.7	34.4	36.2	36.2	35.3	35.3	36.2
107.5°	47.4	43.0	40.5	39.6	38.7	39.6	40.5	42.2	43.0	43.0	42.2
110°	60.3	53.4	49.9	48.2	46.5	45.6	45.6	47.4	48.2	49.9	50.8



TEST NUMBER: P303100

CATALOG NUMBER: CTW-F-2575-50L935-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	74.9	66.3	61.1	58.5	56.0	54.2	52.5	52.5	53.4	55.1	56.8
115°	90.4	80.9	74.0	70.6	67.2	62.9	61.1	59.4	58.5	60.3	61.1
117.5°	106.8	97.3	87.8	83.5	80.1	74.9	69.7	68.0	66.3	64.6	65.4
120°	122.3	112.8	102.5	99.0	94.7	87.8	80.9	76.6	74.9	73.2	71.5
122.5°	139.5	129.1	118.0	113.7	110.2	101.6	94.7	88.7	84.4	81.8	79.2
125°	155.0	144.6	134.3	130.0	124.8	117.1	109.3	102.5	96.4	92.1	87.8
127.5°	169.6	160.1	149.8	145.5	142.1	131.7	124.8	117.1	111.1	105.9	100.7
130°	187.7	173.1	165.3	161.0	156.7	149.0	139.5	132.6	126.6	120.5	114.5
132.5°	200.6	191.1	178.2	175.6	171.3	162.7	155.8	148.1	142.1	135.2	129.1
135°	212.7	204.1	196.3	190.3	187.7	177.4	170.5	163.6	156.7	151.5	145.5
137.5°	226.4	217.0	207.5	205.8	200.6	193.7	187.7	179.1	173.1	166.2	161.0
140°	239.4	229.9	223.0	216.1	213.5	208.4	202.3	196.3	189.4	182.5	176.5
142.5°	251.4	241.9	234.2	230.7	226.4	220.4	214.4	210.1	204.9	199.8	193.7
145°	261.7	252.3	246.2	242.8	239.4	232.5	227.3	223.9	218.7	212.7	207.5
147.5°	270.4	263.5	256.6	254.9	248.0	243.7	240.2	235.1	233.3	226.4	223.0
150°	279.8	273.8	268.6	264.3	261.7	254.9	251.4	248.8	244.5	240.2	235.9
152.5°	288.4	283.3	277.2	275.5	272.1	266.0	261.7	257.4	255.7	251.4	247.1
155°	297.0	291.9	286.7	284.1	282.4	278.1	271.2	268.6	266.9	264.3	260.9
157.5°	304.8	298.8	294.5	293.6	289.3	285.9	283.3	279.0	278.1	272.9	271.2
160°	311.7	308.2	302.2	299.6	300.5	295.3	291.0	286.7	290.2	283.3	282.4
162.5°	318.6	314.3	312.5	309.1	308.2	305.7	302.2	297.9	295.3	297.0	291.0
165°	326.3	322.0	318.6	316.8	315.1	309.1	308.2	305.7	306.5	305.7	303.9
167.5°	329.8	326.3	325.5	322.0	322.0	320.3	316.8	313.4	314.3	314.3	310.0
170°	334.1	330.6	328.9	327.2	327.2	322.9	322.9	320.3	323.7	322.0	318.6
172.5°	338.4	334.9	333.2	334.1	331.5	330.6	328.0	326.3	328.0	329.8	328.0
175°	341.0	337.5	337.5	336.7	334.1	334.1	334.1	332.3	333.2	333.2	330.6
177.5°	343.5	341.0	337.5	340.1	340.1	337.5	335.8	338.4	337.5	342.7	338.4
180°	343.5	343.5	343.5	343.5	343.5	343.5	343.5	343.5	343.5	343.5	343.5



TEST NUMBER: P303100

CATALOG NUMBER: CTW-F-2575-50L935-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	1283.8	1283.8	1283.8	1283.8	1283.8	1283.8	1283.8	1283.8
2.5°	1284.6	1282.9	1282.0	1279.4	1278.6	1276.0	1274.3	1276.0
5°	1277.7	1276.0	1275.1	1273.4	1273.4	1273.4	1273.4	1276.0
7.5°	1266.5	1264.8	1265.7	1263.9	1264.8	1265.7	1265.7	1266.5
10°	1252.8	1251.0	1250.2	1248.4	1249.3	1249.3	1249.3	1251.9
12.5°	1233.8	1232.1	1231.2	1229.5	1231.2	1233.0	1233.8	1234.7
15°	1214.9	1213.1	1212.3	1210.6	1212.3	1214.0	1213.1	1215.7
17.5°	1191.6	1189.9	1188.2	1186.5	1187.3	1188.2	1188.2	1189.0
20°	1163.2	1160.6	1158.9	1157.2	1158.0	1158.0	1159.8	1160.6
22.5°	1131.4	1128.8	1127.0	1126.2	1125.3	1125.3	1128.8	1129.6
25°	1102.1	1095.2	1094.3	1093.5	1092.6	1091.7	1094.3	1095.2
27.5°	1068.5	1062.5	1059.9	1058.2	1057.3	1055.6	1057.3	1062.5
30°	1031.5	1027.2	1024.6	1021.1	1021.1	1018.6	1021.1	1021.1
32.5°	990.1	989.3	986.7	985.8	982.4	979.8	981.5	986.7
35°	947.1	948.0	948.0	946.2	941.1	937.6	938.5	943.7
37.5°	904.9	901.5	902.3	898.9	891.1	887.7	887.7	890.3
40°	855.0	850.7	851.5	849.8	847.2	845.5	846.4	844.6
42.5°	812.8	808.5	810.2	807.6	805.0	802.5	804.2	803.3
45°	769.7	765.4	764.6	766.3	762.0	762.0	761.1	762.0
47.5°	725.8	722.4	723.2	723.2	718.9	718.9	718.1	720.7
50°	681.9	679.3	679.3	677.6	675.9	675.0	675.0	675.9
52.5°	639.7	635.4	634.6	636.3	631.1	632.0	632.0	631.1
55°	593.2	590.6	590.6	591.5	587.2	588.1	588.1	587.2
57.5°	551.0	546.7	546.7	547.6	545.0	544.2	543.3	544.2
60°	506.3	502.0	502.0	502.8	497.7	499.4	499.4	500.2
62.5°	461.5	459.8	456.3	455.5	455.5	454.6	455.5	454.6
65°	415.9	414.1	410.7	412.4	408.1	409.8	408.1	409.0
67.5°	370.2	368.5	365.9	366.8	363.3	365.1	365.1	365.1
70°	324.6	322.9	320.3	319.4	320.3	319.4	319.4	319.4
72.5°	279.0	278.1	274.7	274.7	275.5	274.7	272.9	273.8
75°	231.6	232.5	229.0	229.9	230.7	229.9	229.9	228.2
77.5°	185.1	186.0	185.1	183.4	184.3	184.3	183.4	182.5
80°	141.2	142.1	141.2	139.5	140.3	139.5	139.5	138.6
82.5°	97.3	98.2	96.4	94.7	95.6	94.7	93.8	93.0
85°	55.1	55.1	55.1	53.4	54.2	54.2	53.4	52.5
87.5°	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.1
90°	3.4	4.3	3.4	3.4	3.4	3.4	3.4	3.4
92.5°	7.7	7.7	6.9	6.9	6.9	6.0	6.0	6.9
95°	13.8	14.6	13.8	13.8	13.8	13.8	13.8	13.8
97.5°	21.5	21.5	21.5	20.7	20.7	19.8	19.8	20.7
100°	29.3	29.3	29.3	29.3	29.3	28.4	28.4	29.3
102.5°	34.4	35.3	35.3	35.3	35.3	35.3	35.3	35.3
105°	37.9	38.7	38.7	38.7	39.6	39.6	39.6	39.6
107.5°	42.2	43.0	43.0	43.0	43.0	43.0	43.9	43.0
110°	50.8	49.9	49.1	49.1	49.1	48.2	49.1	49.1



TEST NUMBER: P303100

CATALOG NUMBER: CTW-F-2575-50L935-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	57.7	58.5	58.5	58.5	58.5	58.5	57.7	58.5
115°	62.9	63.7	63.7	64.6	64.6	64.6	65.4	65.4
117.5°	67.2	68.0	68.0	68.9	68.9	69.7	70.6	70.6
120°	71.5	72.3	72.3	72.3	73.2	73.2	73.2	74.0
122.5°	78.4	77.5	77.5	77.5	77.5	76.6	77.5	77.5
125°	87.0	85.2	84.4	84.4	83.5	82.7	82.7	82.7
127.5°	96.4	94.7	93.8	93.0	92.1	90.4	90.4	89.5
130°	109.3	105.9	105.0	103.3	100.7	99.9	99.9	99.0
132.5°	124.0	120.5	118.0	117.1	113.7	111.9	111.1	111.1
135°	140.3	136.0	134.3	132.6	129.1	126.6	126.6	124.8
137.5°	155.8	150.7	149.8	149.0	145.5	142.9	141.2	139.5
140°	170.5	167.0	164.5	164.5	161.0	157.6	156.7	155.0
142.5°	187.7	184.3	179.1	179.1	174.8	173.9	172.2	171.3
145°	202.3	198.9	197.2	197.2	192.0	191.1	188.6	189.4
147.5°	217.0	214.4	211.8	211.8	207.5	205.8	204.1	203.2
150°	231.6	228.2	226.4	226.4	223.0	220.4	219.6	218.7
152.5°	243.7	240.2	240.2	239.4	235.1	235.1	233.3	234.2
155°	256.6	253.1	254.0	252.3	249.7	248.0	247.1	247.1
157.5°	267.8	266.0	264.3	263.5	262.6	261.7	260.0	259.2
160°	279.8	278.1	276.4	275.5	275.5	273.8	272.1	273.8
162.5°	291.0	288.4	288.4	287.6	287.6	285.9	285.0	285.9
165°	300.5	298.8	298.8	298.8	297.0	298.8	296.2	296.2
167.5°	309.1	309.1	308.2	305.7	305.7	304.8	305.7	306.5
170°	316.8	317.7	316.0	315.1	315.1	315.1	315.1	315.1
172.5°	326.3	324.6	325.5	322.9	323.7	322.0	321.2	322.9
175°	332.3	331.5	331.5	331.5	328.9	329.8	328.0	327.2
177.5°	338.4	338.4	337.5	337.5	336.7	335.8	335.8	334.1
180°	343.5	343.5	343.5	343.5	343.5	343.5	343.5	343.5

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