

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: P303078

Luminaire Tested: **CTW-F-2575-30L935-UNV-STD-8**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P303078  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: CTW-F-2575-30L935-UNV-STD-8  
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE  
25% UPLIGHT, 75% DOWNLIGHT, 3000 LUMEN PACKAGE  
Light Source: 3500K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

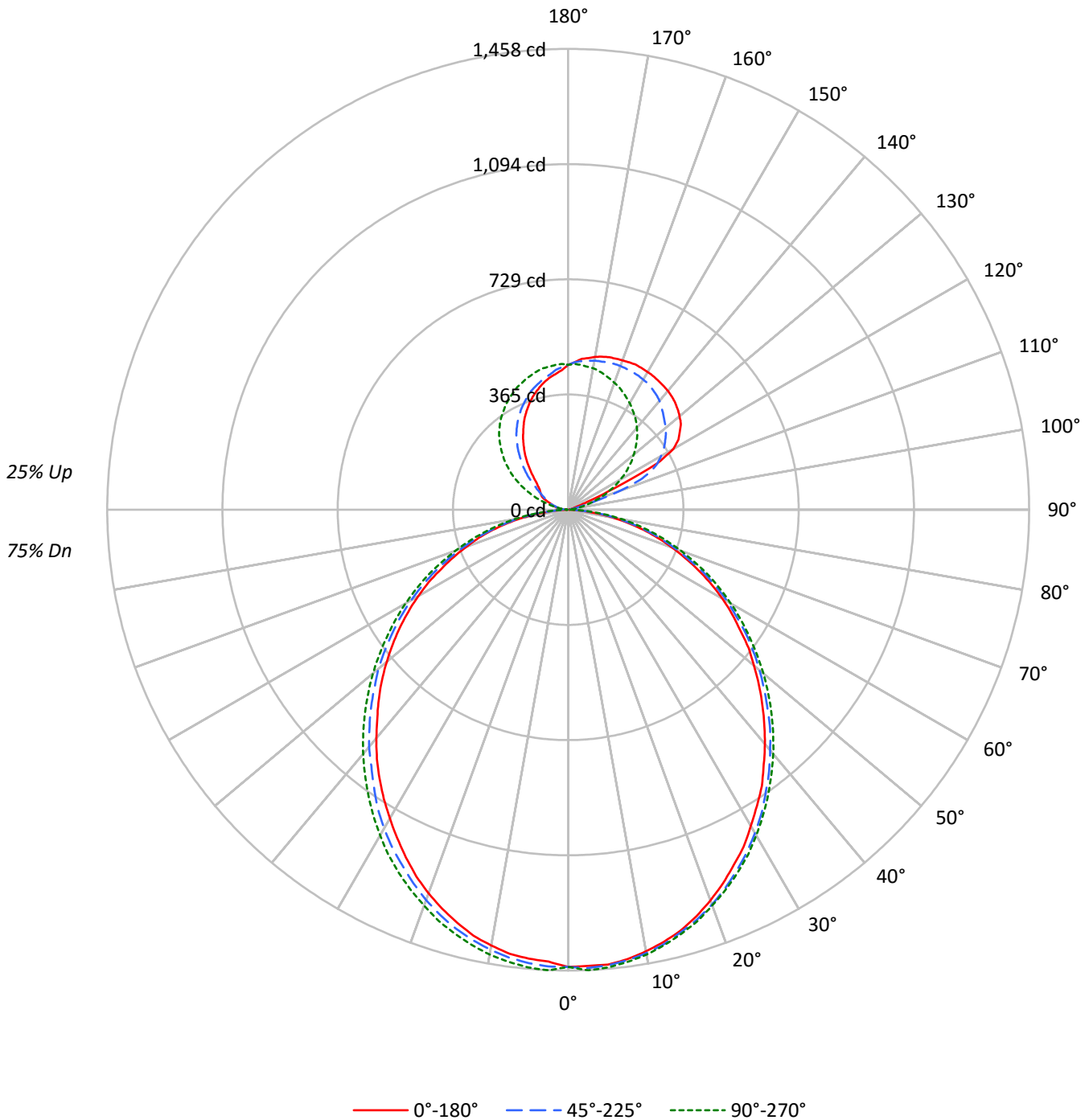
Lumens per Lamp: N/A  
Luminaire Lumens: 5152.2 lumens  
Efficiency: N/A  
Efficacy: 102.8 lumens/watt  
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32  
Luminous Opening: Rectangular (W 8' x L: 0.12' x H: 0')  
CIE Type: Semi-Direct

Input Watts (W): 50.1  
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



TEST NUMBER: P303078  
CATALOG NUMBER: CTW-F-2575-30L935-UNV-STD-8

### Luminous Intensity Polar Plot





TEST NUMBER: P303078

CATALOG NUMBER: CTW-F-2575-30L935-UNV-STD-8

**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	108	108	108	108	97	97	97	88	88	88	79	79	79	75
1	103	99	95	91	98	94	90	87	85	82	80	77	75	73	70	68	67	63
2	94	86	80	74	89	82	76	71	75	70	66	68	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	41	36	43	38	33	39	35	31	29
7	62	49	40	34	58	47	39	33	43	36	31	39	34	30	36	31	28	25
8	57	44	36	31	54	43	35	30	39	33	28	36	31	26	33	28	25	23
9	53	41	33	27	51	39	32	27	36	30	25	33	28	24	31	26	22	20
10	50	37	30	25	48	36	29	24	33	27	23	31	25	22	28	24	20	19

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°
0°	15570	15570	15570
5°	15611	15704	15406
10°	15509	15622	15302
15°	15351	15466	15083
20°	15070	15267	14794
25°	14725	15052	14418
30°	14362	14789	14019
35°	14029	14482	13667
40°	13599	14179	13260
45°	13212	13840	12896
50°	12832	13495	12544
55°	12442	13120	12183
60°	12122	12790	11789
65°	11622	12455	11273
70°	11002	11921	10732
75°	10239	11387	10239
80°	8963	10569	9075
85°	5953	8929	6163



TEST NUMBER: P303078

CATALOG NUMBER: CTW-F-2575-30L935-UNV-STD-8

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	136.6	2.7
10°-20°	386.9	7.5
20°-30°	573.0	11.1
30°-40°	672.5	13.1
40°-50°	681.4	13.2
50°-60°	607.8	11.8
60°-70°	463.8	9.0
70°-80°	272.7	5.3
80°-90°	72.0	1.4
90°-100°	13.3	0.3
100°-110°	56.7	1.1
110°-120°	157.7	3.1
120°-130°	225.5	4.4
130°-140°	243.1	4.7
140°-150°	231.2	4.5
150°-160°	190.0	3.7
160°-170°	124.6	2.4
170°-180°	43.4	0.8
0°-30°	1096.6	21.3
0°-40°	1769.0	34.3
0°-60°	3058.2	59.4
0°-90°	3866.7	75.1
90°-120°	227.6	4.4
90°-150°	927.5	18.0
90°-180°	1285.0	24.9
0°-180°	5152.2	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	1446	1446	1446	1446	1446	
5°	1445	1446	1453	1440	1426	137
15°	1378	1383	1388	1372	1354	388
25°	1240	1260	1267	1242	1214	571
35°	1068	1090	1102	1071	1040	666
45°	868	892	909	882	847	670
55°	663	687	699	678	649	595
65°	456	474	489	467	443	451
75°	246	258	274	257	246	260
85°	48	58	72	57	50	60
90°	2	2	2	3	3	2
95°	3	3	10	17	16	4
105°	16	41	62	43	48	17
115°	162	289	146	78	88	183
125°	430	374	232	127	110	384
135°	479	425	306	207	164	369
145°	498	465	365	286	244	312
155°	506	480	410	351	324	234
165°	499	482	443	403	387	141
175°	479	472	460	444	432	46
180°	458	458	458	458	458	



TEST NUMBER: P303078

CATALOG NUMBER: CTW-F-2575-30L935-UNV-STD-8

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5
2.5°	1444.8	1443.0	1443.0	1443.0	1448.2	1448.2	1446.5	1446.5	1448.2	1455.1	1451.6
5°	1444.8	1443.0	1443.0	1439.6	1443.0	1443.0	1441.3	1441.3	1443.0	1449.9	1446.5
7.5°	1434.4	1434.4	1432.7	1431.0	1432.7	1432.7	1432.7	1431.0	1432.7	1441.3	1437.9
10°	1418.9	1418.9	1417.2	1415.5	1417.2	1417.2	1417.2	1417.2	1418.9	1427.5	1424.1
12.5°	1400.0	1400.0	1398.3	1396.5	1400.0	1400.0	1398.3	1398.3	1400.0	1410.3	1406.9
15°	1377.6	1377.6	1377.6	1375.9	1379.3	1377.6	1377.6	1377.6	1377.6	1386.2	1382.8
17.5°	1348.3	1348.3	1348.3	1348.3	1351.8	1351.8	1351.8	1350.0	1351.8	1360.4	1358.7
20°	1315.6	1315.6	1315.6	1315.6	1317.3	1319.0	1317.3	1319.0	1319.0	1329.4	1329.4
22.5°	1279.4	1279.4	1277.7	1277.7	1279.4	1282.9	1281.2	1281.2	1282.9	1293.2	1296.7
25°	1239.8	1239.8	1239.8	1241.6	1243.3	1245.0	1243.3	1246.7	1246.7	1257.1	1260.5
27.5°	1202.0	1198.5	1200.2	1200.2	1202.0	1203.7	1203.7	1207.1	1208.8	1217.5	1222.6
30°	1155.5	1153.7	1155.5	1157.2	1157.2	1160.6	1162.3	1164.1	1165.8	1171.0	1181.3
32.5°	1110.7	1110.7	1112.4	1112.4	1114.1	1115.9	1119.3	1121.0	1121.0	1126.2	1138.2
35°	1067.6	1064.2	1064.2	1065.9	1069.4	1071.1	1071.1	1074.5	1074.5	1081.4	1090.0
37.5°	1016.0	1016.0	1019.4	1019.4	1019.4	1022.9	1022.9	1026.3	1028.0	1033.2	1043.5
40°	967.8	966.0	969.5	969.5	971.2	972.9	976.4	978.1	981.5	985.0	993.6
42.5°	917.8	917.8	919.5	921.3	923.0	924.7	928.2	929.9	931.6	935.0	945.4
45°	867.9	867.9	869.6	871.3	873.1	873.1	876.5	879.9	883.4	888.6	892.0
47.5°	817.9	817.9	819.7	819.7	821.4	823.1	824.8	828.3	831.7	836.9	840.3
50°	766.3	766.3	769.7	769.7	773.2	771.5	774.9	776.6	781.8	785.2	790.4
52.5°	719.8	714.6	716.4	718.1	721.5	723.2	725.0	725.0	728.4	733.6	738.7
55°	663.0	664.7	666.4	666.4	669.9	669.9	673.3	673.3	676.7	681.9	687.1
57.5°	614.8	614.8	613.0	616.5	618.2	618.2	619.9	619.9	625.1	628.5	632.0
60°	563.1	559.6	561.4	563.1	564.8	563.1	568.3	568.3	571.7	575.1	582.0
62.5°	509.7	509.7	508.0	509.7	511.4	511.4	514.9	514.9	520.0	520.0	526.9
65°	456.3	454.6	454.6	456.3	459.8	459.8	461.5	463.2	464.9	466.7	473.5
67.5°	401.2	401.2	399.5	402.9	402.9	402.9	406.4	406.4	408.1	409.8	415.0
70°	349.6	347.8	347.8	351.3	349.6	351.3	354.7	354.7	358.2	358.2	361.6
72.5°	297.9	296.2	296.2	294.5	301.3	299.6	301.3	303.1	303.1	304.8	310.0
75°	246.2	246.2	244.5	244.5	246.2	248.0	249.7	251.4	253.1	253.1	258.3
77.5°	194.6	194.6	192.9	198.0	198.0	198.0	199.8	199.8	203.2	203.2	206.6
80°	144.6	142.9	142.9	144.6	148.1	148.1	148.1	149.8	151.5	155.0	156.7
82.5°	94.7	94.7	94.7	96.4	98.2	99.9	99.9	99.9	101.6	105.0	106.8
85°	48.2	48.2	48.2	48.2	51.7	51.7	51.7	53.4	56.8	56.8	58.5
87.5°	8.6	8.6	8.6	8.6	10.3	10.3	10.3	10.3	10.3	13.8	15.5
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°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
95°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
97.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	6.9	6.9	6.9
100°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	10.3	12.1
102.5°	10.3	10.3	10.3	10.3	12.1	12.1	12.1	13.8	13.8	17.2	20.7
105°	15.5	15.5	15.5	15.5	15.5	17.2	17.2	18.9	22.4	29.3	41.3
107.5°	20.7	20.7	20.7	22.4	24.1	25.8	27.6	34.4	44.8	63.7	91.3
110°	31.0	32.7	34.4	37.9	44.8	48.2	53.4	72.3	101.6	141.2	173.9



TEST NUMBER: P303078

CATALOG NUMBER: CTW-F-2575-30L935-UNV-STD-8

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	63.7	67.2	74.0	84.4	106.8	118.8	134.3	173.9	208.4	237.6	246.2
115°	161.9	177.4	186.0	201.5	234.2	246.2	260.0	279.0	294.5	297.9	289.3
117.5°	316.8	316.8	316.8	327.2	335.8	339.2	341.0	341.0	335.8	330.6	318.6
120°	384.0	384.0	382.3	382.3	380.6	378.8	375.4	370.2	361.6	353.0	339.2
122.5°	413.3	413.3	409.8	406.4	402.9	399.5	396.1	390.9	380.6	372.0	358.2
125°	430.5	430.5	427.1	423.6	420.2	416.7	413.3	406.4	397.8	387.4	373.7
127.5°	449.4	447.7	444.3	439.1	433.9	430.5	427.1	420.2	411.6	401.2	389.2
130°	459.8	459.8	456.3	452.9	449.4	446.0	442.6	432.2	421.9	413.3	402.9
132.5°	470.1	468.4	466.7	463.2	458.1	456.3	452.9	446.0	433.9	423.6	413.3
135°	478.7	477.0	475.3	471.8	468.4	464.9	463.2	456.3	447.7	433.9	425.3
137.5°	485.6	483.9	482.2	480.4	475.3	473.5	470.1	464.9	456.3	447.7	437.4
140°	490.8	487.3	487.3	485.6	480.4	478.7	477.0	470.1	463.2	456.3	449.4
142.5°	494.2	492.5	492.5	490.8	485.6	485.6	482.2	477.0	470.1	464.9	458.1
145°	497.7	495.9	495.9	494.2	490.8	490.8	487.3	482.2	475.3	470.1	464.9
147.5°	501.1	499.4	499.4	497.7	495.9	494.2	492.5	487.3	480.4	475.3	471.8
150°	502.8	502.8	501.1	499.4	497.7	495.9	494.2	489.0	483.9	480.4	475.3
152.5°	504.5	504.5	502.8	502.8	499.4	499.4	495.9	492.5	487.3	483.9	478.7
155°	506.3	506.3	504.5	502.8	501.1	499.4	497.7	492.5	487.3	485.6	480.4
157.5°	504.5	504.5	504.5	502.8	501.1	499.4	495.9	492.5	489.0	487.3	482.2
160°	502.8	504.5	502.8	501.1	499.4	499.4	497.7	492.5	489.0	489.0	483.9
162.5°	501.1	502.8	501.1	501.1	499.4	497.7	495.9	492.5	489.0	487.3	483.9
165°	499.4	499.4	499.4	497.7	495.9	494.2	494.2	489.0	487.3	487.3	482.2
167.5°	495.9	495.9	494.2	492.5	490.8	490.8	489.0	485.6	485.6	485.6	480.4
170°	490.8	490.8	489.0	487.3	487.3	485.6	485.6	482.2	482.2	482.2	478.7
172.5°	483.9	483.9	483.9	482.2	482.2	480.4	480.4	477.0	477.0	478.7	475.3
175°	478.7	477.0	477.0	475.3	475.3	475.3	473.5	471.8	473.5	473.5	471.8
177.5°	466.7	466.7	466.7	466.7	468.4	468.4	468.4	466.7	466.7	468.4	466.7
180°	458.1	458.1	458.1	458.1	458.1	458.1	458.1	458.1	458.1	458.1	458.1



TEST NUMBER: P303078

CATALOG NUMBER: CTW-F-2575-30L935-UNV-STD-8

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5
2.5°	1441.3	1437.9	1437.9	1443.0	1444.8	1446.5	1448.2	1455.1	1456.8	1458.5	1456.8
5°	1437.9	1434.4	1432.7	1437.9	1439.6	1441.3	1443.0	1448.2	1451.6	1453.4	1449.9
7.5°	1427.5	1424.1	1424.1	1429.3	1429.3	1432.7	1432.7	1439.6	1441.3	1443.0	1441.3
10°	1415.5	1412.0	1410.3	1415.5	1417.2	1418.9	1418.9	1424.1	1427.5	1429.3	1425.8
12.5°	1396.5	1393.1	1391.4	1396.5	1398.3	1400.0	1401.7	1406.9	1408.6	1410.3	1408.6
15°	1375.9	1370.7	1369.0	1375.9	1377.6	1379.3	1379.3	1384.5	1386.2	1387.9	1386.2
17.5°	1350.0	1344.9	1344.9	1348.3	1353.5	1353.5	1353.5	1358.7	1362.1	1363.8	1360.4
20°	1322.5	1317.3	1315.6	1320.8	1322.5	1325.9	1325.9	1329.4	1332.8	1332.8	1332.8
22.5°	1289.8	1284.6	1282.9	1288.1	1289.8	1291.5	1293.2	1296.7	1300.1	1301.8	1298.4
25°	1255.3	1250.2	1248.4	1253.6	1255.3	1257.1	1258.8	1265.7	1265.7	1267.4	1263.9
27.5°	1215.7	1212.3	1208.8	1214.0	1219.2	1220.9	1220.9	1226.1	1227.8	1231.2	1226.1
30°	1176.1	1171.0	1169.2	1172.7	1177.8	1179.6	1179.6	1186.5	1188.2	1189.9	1184.7
32.5°	1134.8	1129.6	1127.9	1131.4	1136.5	1138.2	1138.2	1143.4	1145.1	1146.9	1143.4
35°	1090.0	1086.6	1083.1	1086.6	1090.0	1093.5	1093.5	1098.6	1100.4	1102.1	1098.6
37.5°	1047.0	1041.8	1038.4	1040.1	1043.5	1048.7	1048.7	1055.6	1055.6	1055.6	1052.1
40°	1000.5	993.6	991.9	991.9	997.0	1000.5	1000.5	1007.4	1007.4	1009.1	1003.9
42.5°	952.3	947.1	945.4	943.7	948.8	950.5	952.3	959.2	957.4	959.2	954.0
45°	902.3	897.2	897.2	897.2	898.9	902.3	904.0	907.5	909.2	909.2	905.8
47.5°	848.9	847.2	847.2	847.2	850.7	850.7	852.4	855.8	855.8	857.6	854.1
50°	797.3	797.3	795.6	797.3	799.0	799.0	802.5	805.9	805.9	805.9	802.5
52.5°	742.2	743.9	743.9	745.6	747.3	747.3	752.5	756.0	756.0	752.5	749.1
55°	688.8	692.2	692.2	695.7	695.7	697.4	697.4	700.9	700.9	699.1	695.7
57.5°	637.1	638.9	638.9	642.3	644.0	644.0	647.5	650.9	650.9	647.5	644.0
60°	583.8	587.2	585.5	588.9	592.4	592.4	592.4	597.5	594.1	594.1	592.4
62.5°	530.4	530.4	532.1	535.5	537.3	537.3	540.7	544.2	544.2	540.7	539.0
65°	477.0	478.7	478.7	482.2	483.9	485.6	485.6	489.0	487.3	489.0	485.6
67.5°	420.2	421.9	421.9	423.6	427.1	427.1	430.5	432.2	433.9	432.2	430.5
70°	365.1	365.1	370.2	370.2	373.7	373.7	378.8	378.8	382.3	378.8	377.1
72.5°	311.7	313.4	318.6	316.8	320.3	320.3	325.5	327.2	328.9	325.5	327.2
75°	260.0	260.0	265.2	265.2	268.6	268.6	273.8	273.8	275.5	273.8	272.1
77.5°	208.4	208.4	211.8	213.5	215.2	217.0	220.4	220.4	223.9	222.1	223.9
80°	158.4	160.1	161.9	165.3	165.3	167.0	167.0	170.5	172.2	170.5	172.2
82.5°	108.5	111.9	113.7	113.7	115.4	118.8	120.5	120.5	122.3	120.5	124.0
85°	60.3	62.0	65.4	68.9	68.9	70.6	72.3	74.0	74.0	72.3	72.3
87.5°	17.2	18.9	24.1	24.1	24.1	27.6	29.3	29.3	31.0	29.3	32.7
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°	1.7	1.7	1.7	3.4	3.4	3.4	5.2	5.2	5.2	3.4	5.2
95°	5.2	5.2	6.9	10.3	12.1	13.8	15.5	15.5	12.1	10.3	10.3
97.5°	8.6	10.3	15.5	22.4	25.8	29.3	31.0	27.6	22.4	18.9	17.2
100°	15.5	22.4	32.7	44.8	48.2	51.7	49.9	44.8	37.9	31.0	27.6
102.5°	31.0	44.8	63.7	79.2	79.2	79.2	74.0	65.4	55.1	44.8	39.6
105°	65.4	89.5	110.2	117.1	113.7	111.9	99.9	87.8	74.0	62.0	55.1
107.5°	130.9	151.5	156.7	153.3	146.4	141.2	125.7	111.9	94.7	80.9	72.3
110°	199.8	201.5	196.3	184.3	175.6	168.8	151.5	136.0	118.8	103.3	89.5





TEST NUMBER: P303078

CATALOG NUMBER: CTW-F-2575-30L935-UNV-STD-8

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	248.0	239.4	227.3	211.8	201.5	194.6	177.4	160.1	141.2	125.7	110.2
115°	280.7	266.9	253.1	234.2	227.3	218.7	201.5	184.3	165.3	146.4	132.6
117.5°	304.8	289.3	275.5	258.3	249.7	241.1	223.9	204.9	186.0	170.5	155.0
120°	325.5	311.7	296.2	279.0	272.1	263.5	246.2	227.3	208.4	191.1	175.6
122.5°	344.4	330.6	315.1	299.6	291.0	284.1	266.9	248.0	229.0	213.5	198.0
125°	361.6	347.8	334.1	316.8	310.0	301.3	284.1	265.2	249.7	232.5	217.0
127.5°	377.1	363.3	349.6	334.1	327.2	318.6	301.3	284.1	268.6	253.1	237.6
130°	392.6	378.8	365.1	349.6	341.0	334.1	318.6	301.3	285.9	270.4	256.6
132.5°	404.7	392.6	377.1	363.3	354.7	347.8	334.1	318.6	304.8	289.3	275.5
135°	416.7	402.9	390.9	375.4	368.5	361.6	347.8	334.1	320.3	306.5	292.7
137.5°	427.1	413.3	401.2	385.7	380.6	375.4	361.6	347.8	335.8	323.7	310.0
140°	437.4	423.6	409.8	396.1	390.9	385.7	373.7	361.6	349.6	337.5	327.2
142.5°	447.7	430.5	416.7	404.7	401.2	396.1	384.0	373.7	363.3	353.0	341.0
145°	454.6	439.1	423.6	415.0	409.8	404.7	394.3	384.0	375.4	365.1	354.7
147.5°	461.5	447.7	433.9	421.9	418.4	413.3	404.7	396.1	387.4	377.1	366.8
150°	464.9	452.9	440.8	432.2	427.1	421.9	413.3	404.7	397.8	389.2	378.8
152.5°	470.1	458.1	449.4	439.1	437.4	430.5	421.9	416.7	408.1	399.5	390.9
155°	471.8	461.5	454.6	447.7	446.0	439.1	430.5	423.6	416.7	409.8	401.2
157.5°	473.5	464.9	456.3	452.9	449.4	447.7	439.1	432.2	425.3	420.2	411.6
160°	475.3	466.7	459.8	456.3	454.6	451.2	446.0	442.6	432.2	427.1	418.4
162.5°	475.3	468.4	463.2	459.8	458.1	456.3	451.2	447.7	442.6	435.7	427.1
165°	475.3	470.1	464.9	463.2	461.5	459.8	454.6	452.9	447.7	442.6	435.7
167.5°	475.3	470.1	466.7	464.9	463.2	461.5	458.1	456.3	452.9	449.4	444.3
170°	473.5	470.1	466.7	464.9	464.9	463.2	459.8	459.8	456.3	454.6	449.4
172.5°	470.1	468.4	464.9	464.9	464.9	463.2	459.8	459.8	458.1	456.3	452.9
175°	466.7	464.9	463.2	463.2	463.2	461.5	459.8	461.5	459.8	459.8	456.3
177.5°	461.5	459.8	459.8	459.8	459.8	459.8	459.8	459.8	459.8	461.5	458.1
180°	458.1	458.1	458.1	458.1	458.1	458.1	458.1	458.1	458.1	458.1	458.1



TEST NUMBER: P303078

CATALOG NUMBER: CTW-F-2575-30L935-UNV-STD-8

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5
2.5°	1446.5	1439.6	1439.6	1439.6	1443.0	1444.8	1444.8	1439.6	1446.5	1451.6	1446.5
5°	1439.6	1432.7	1432.7	1434.4	1436.1	1437.9	1437.9	1432.7	1439.6	1444.8	1437.9
7.5°	1431.0	1422.4	1422.4	1424.1	1425.8	1427.5	1427.5	1422.4	1429.3	1432.7	1425.8
10°	1415.5	1408.6	1406.9	1408.6	1412.0	1413.8	1412.0	1406.9	1413.8	1417.2	1412.0
12.5°	1396.5	1389.7	1389.7	1389.7	1393.1	1393.1	1393.1	1386.2	1394.8	1396.5	1389.7
15°	1374.2	1367.3	1367.3	1367.3	1369.0	1370.7	1369.0	1363.8	1372.4	1372.4	1365.5
17.5°	1348.3	1343.2	1339.7	1343.2	1343.2	1344.9	1341.4	1336.3	1344.9	1344.9	1339.7
20°	1320.8	1313.9	1312.2	1312.2	1313.9	1315.6	1310.4	1307.0	1313.9	1313.9	1307.0
22.5°	1286.3	1281.2	1279.4	1279.4	1281.2	1281.2	1276.0	1272.6	1279.4	1277.7	1270.8
25°	1251.9	1246.7	1245.0	1246.7	1246.7	1246.7	1239.8	1238.1	1241.6	1239.8	1232.9
27.5°	1214.0	1208.8	1207.1	1208.8	1208.8	1208.8	1202.0	1200.2	1205.4	1200.2	1193.3
30°	1172.7	1167.5	1165.8	1167.5	1169.2	1165.8	1158.9	1160.6	1164.1	1157.2	1152.0
32.5°	1134.8	1126.2	1124.5	1126.2	1127.9	1126.2	1119.3	1117.6	1121.0	1114.1	1107.2
35°	1088.3	1081.4	1083.1	1084.9	1083.1	1081.4	1072.8	1074.5	1071.1	1067.6	1060.8
37.5°	1043.5	1036.6	1036.6	1038.4	1038.4	1034.9	1028.0	1028.0	1022.9	1021.1	1014.3
40°	997.0	990.1	990.1	991.9	991.9	986.7	981.5	983.3	979.8	972.9	966.0
42.5°	945.4	941.9	943.7	943.7	945.4	938.5	935.0	935.0	929.9	923.0	917.8
45°	897.2	892.0	895.4	897.2	897.2	890.3	888.6	883.4	881.7	876.5	869.6
47.5°	845.5	843.8	847.2	847.2	847.2	840.3	838.6	833.4	830.0	826.6	819.7
50°	795.6	793.8	797.3	797.3	797.3	788.7	790.4	781.8	783.5	774.9	769.7
52.5°	745.6	745.6	745.6	745.6	743.9	738.7	737.0	731.8	730.1	723.2	719.8
55°	692.2	692.2	695.7	694.0	692.2	688.8	685.4	678.5	678.5	671.6	666.4
57.5°	644.0	644.0	644.0	640.6	640.6	637.1	632.0	628.5	626.8	619.9	616.5
60°	590.6	592.4	588.9	587.2	587.2	583.8	580.3	578.6	573.4	566.5	564.8
62.5°	539.0	540.7	539.0	535.5	533.8	530.4	528.7	525.2	520.0	513.2	513.2
65°	483.9	485.6	485.6	480.4	480.4	478.7	477.0	471.8	466.7	461.5	459.8
67.5°	430.5	432.2	425.3	423.6	423.6	423.6	416.7	416.7	411.6	406.4	408.1
70°	378.8	377.1	375.4	370.2	372.0	368.5	365.1	363.3	358.2	354.7	354.7
72.5°	327.2	323.7	322.0	320.3	318.6	316.8	313.4	311.7	308.2	303.1	303.1
75°	275.5	272.1	270.4	268.6	266.9	265.2	260.0	260.0	256.6	253.1	253.1
77.5°	222.1	218.7	218.7	217.0	215.2	211.8	208.4	210.1	206.6	203.2	203.2
80°	170.5	168.8	168.8	167.0	163.6	161.9	161.9	160.1	156.7	151.5	151.5
82.5°	120.5	120.5	118.8	117.1	115.4	113.7	111.9	110.2	106.8	101.6	101.6
85°	74.0	72.3	72.3	70.6	68.9	65.4	62.0	60.3	56.8	53.4	53.4
87.5°	31.0	27.6	25.8	24.1	22.4	20.7	20.7	17.2	15.5	15.5	12.1
90°	1.7	1.7	1.7	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
92.5°	6.9	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
95°	10.3	12.1	15.5	15.5	17.2	17.2	17.2	17.2	17.2	17.2	17.2
97.5°	15.5	17.2	18.9	20.7	20.7	24.1	24.1	25.8	25.8	25.8	25.8
100°	24.1	24.1	25.8	27.6	25.8	27.6	29.3	31.0	32.7	32.7	34.4
102.5°	36.2	32.7	31.0	32.7	34.4	36.2	34.4	36.2	36.2	37.9	39.6
105°	48.2	44.8	41.3	41.3	41.3	43.0	44.8	44.8	43.0	43.0	44.8
107.5°	63.7	56.8	51.7	51.7	49.9	49.9	51.7	55.1	55.1	53.4	53.4
110°	80.9	72.3	65.4	63.7	62.0	60.3	60.3	62.0	63.7	65.4	67.2



TEST NUMBER: P303078

CATALOG NUMBER: CTW-F-2575-30L935-UNV-STD-8

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	99.9	89.5	80.9	77.5	75.8	70.6	68.9	68.9	70.6	74.0	75.8
115°	120.5	110.2	98.2	94.7	91.3	82.7	80.9	79.2	77.5	79.2	80.9
117.5°	141.2	129.1	117.1	111.9	106.8	98.2	93.0	89.5	87.8	87.8	87.8
120°	161.9	149.8	136.0	130.9	125.7	117.1	108.5	101.6	98.2	96.4	96.4
122.5°	182.5	170.5	158.4	151.5	146.4	134.3	127.4	117.1	111.9	106.8	105.0
125°	203.2	191.1	179.1	172.2	167.0	155.0	144.6	136.0	127.4	120.5	117.1
127.5°	222.1	210.1	199.8	192.9	187.7	173.9	165.3	156.7	146.4	137.8	132.6
130°	242.8	229.0	218.7	213.5	208.4	194.6	184.3	173.9	167.0	158.4	149.8
132.5°	261.7	249.7	237.6	232.5	227.3	215.2	206.6	194.6	186.0	179.1	170.5
135°	279.0	266.9	256.6	251.4	246.2	234.2	225.6	215.2	206.6	198.0	191.1
137.5°	296.2	284.1	273.8	270.4	265.2	253.1	244.5	235.9	225.6	218.7	210.1
140°	311.7	301.3	291.0	287.6	282.4	272.1	263.5	254.9	246.2	237.6	230.7
142.5°	327.2	316.8	306.5	303.1	297.9	289.3	280.7	273.8	265.2	258.3	251.4
145°	341.0	330.6	322.0	318.6	313.4	306.5	296.2	291.0	285.9	277.2	270.4
147.5°	354.7	344.4	335.8	332.3	330.6	322.0	313.4	308.2	303.1	296.2	289.3
150°	366.8	358.2	349.6	347.8	344.4	337.5	328.9	323.7	320.3	313.4	308.2
152.5°	380.6	370.2	363.3	361.6	358.2	351.3	344.4	339.2	335.8	328.9	323.7
155°	390.9	382.3	375.4	373.7	370.2	365.1	358.2	353.0	351.3	344.4	339.2
157.5°	401.2	392.6	387.4	384.0	382.3	378.8	372.0	366.8	365.1	359.9	354.7
160°	409.8	402.9	397.8	396.1	394.3	389.2	384.0	378.8	378.8	375.4	370.2
162.5°	418.4	411.6	408.1	406.4	404.7	401.2	396.1	392.6	392.6	387.4	384.0
165°	427.1	420.2	416.7	415.0	415.0	411.6	408.1	402.9	402.9	401.2	397.8
167.5°	435.7	427.1	425.3	423.6	423.6	421.9	418.4	415.0	413.3	413.3	408.1
170°	442.6	435.7	432.2	430.5	430.5	428.8	425.3	423.6	423.6	423.6	420.2
172.5°	447.7	442.6	440.8	440.8	440.8	439.1	437.4	432.2	432.2	435.7	428.8
175°	451.2	447.7	447.7	447.7	447.7	446.0	444.3	442.6	444.3	446.0	442.6
177.5°	454.6	451.2	451.2	451.2	452.9	452.9	451.2	449.4	451.2	452.9	451.2
180°	458.1	458.1	458.1	458.1	458.1	458.1	458.1	458.1	458.1	458.1	458.1



TEST NUMBER: P303078

CATALOG NUMBER: CTW-F-2575-30L935-UNV-STD-8

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5	1446.5
2.5°	1446.5	1444.8	1443.0	1443.0	1444.8	1437.9	1431.0	1431.0
5°	1437.9	1436.1	1434.4	1434.4	1436.1	1431.0	1425.8	1425.8
7.5°	1425.8	1424.1	1422.4	1424.1	1427.5	1422.4	1417.2	1417.2
10°	1410.3	1406.9	1405.1	1405.1	1408.6	1403.4	1400.0	1400.0
12.5°	1387.9	1386.2	1382.8	1384.5	1386.2	1382.8	1377.6	1381.0
15°	1363.8	1362.1	1360.4	1362.1	1363.8	1358.7	1353.5	1353.5
17.5°	1338.0	1336.3	1332.8	1336.3	1336.3	1329.4	1324.2	1324.2
20°	1305.3	1301.8	1300.1	1301.8	1301.8	1294.9	1291.5	1291.5
22.5°	1267.4	1263.9	1262.2	1263.9	1262.2	1257.1	1253.6	1255.3
25°	1227.8	1224.3	1224.3	1224.3	1224.3	1217.5	1214.0	1214.0
27.5°	1188.2	1184.7	1183.0	1184.7	1183.0	1176.1	1171.0	1171.0
30°	1146.9	1140.0	1140.0	1141.7	1140.0	1133.1	1127.9	1127.9
32.5°	1102.1	1096.9	1098.6	1098.6	1095.2	1088.3	1084.9	1084.9
35°	1055.6	1052.1	1053.9	1052.1	1048.7	1043.5	1040.1	1040.1
37.5°	1007.4	1005.6	1005.6	1007.4	1000.5	995.3	993.6	993.6
40°	959.2	957.4	957.4	959.2	952.3	947.1	947.1	943.7
42.5°	910.9	909.2	910.9	909.2	904.0	898.9	897.2	893.7
45°	862.7	862.7	861.0	861.0	854.1	850.7	850.7	847.2
47.5°	812.8	812.8	811.1	807.6	804.2	802.5	799.0	799.0
50°	764.6	762.8	761.1	761.1	756.0	752.5	752.5	749.1
52.5°	712.9	712.9	712.9	709.5	704.3	700.9	702.6	699.1
55°	663.0	661.2	661.2	659.5	656.1	650.9	652.6	649.2
57.5°	614.8	611.3	607.9	607.9	604.4	599.3	599.3	599.3
60°	559.6	559.6	557.9	556.2	554.5	549.3	551.0	547.6
62.5°	511.4	506.3	506.3	504.5	502.8	497.7	501.1	497.7
65°	458.1	454.6	452.9	451.2	447.7	444.3	446.0	442.6
67.5°	401.2	399.5	399.5	397.8	396.1	392.6	396.1	392.6
70°	351.3	347.8	347.8	346.1	344.4	342.7	344.4	341.0
72.5°	299.6	299.6	297.9	296.2	294.5	294.5	294.5	296.2
75°	249.7	246.2	246.2	246.2	244.5	244.5	244.5	246.2
77.5°	201.5	198.0	196.3	194.6	194.6	194.6	194.6	196.3
80°	148.1	148.1	146.4	144.6	144.6	144.6	144.6	146.4
82.5°	98.2	98.2	96.4	94.7	94.7	94.7	93.0	94.7
85°	53.4	51.7	49.9	49.9	49.9	49.9	49.9	49.9
87.5°	13.8	12.1	12.1	12.1	13.8	13.8	12.1	13.8
90°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
92.5°	8.6	8.6	8.6	8.6	8.6	6.9	6.9	6.9
95°	17.2	17.2	17.2	15.5	15.5	15.5	15.5	15.5
97.5°	25.8	25.8	25.8	25.8	25.8	24.1	24.1	24.1
100°	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
102.5°	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
105°	44.8	46.5	46.5	46.5	48.2	48.2	48.2	48.2
107.5°	53.4	53.4	53.4	53.4	53.4	53.4	55.1	53.4
110°	65.4	63.7	63.7	62.0	62.0	62.0	62.0	62.0



TEST NUMBER: P303078

CATALOG NUMBER: CTW-F-2575-30L935-UNV-STD-8

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	75.8	77.5	77.5	77.5	77.5	75.8	74.0	74.0
115°	84.4	86.1	86.1	86.1	86.1	87.8	87.8	87.8
117.5°	89.5	91.3	93.0	93.0	94.7	94.7	94.7	94.7
120°	96.4	98.2	98.2	98.2	99.9	99.9	99.9	99.9
122.5°	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0
125°	115.4	113.7	113.7	111.9	111.9	111.9	110.2	110.2
127.5°	127.4	125.7	124.0	122.3	120.5	120.5	118.8	118.8
130°	144.6	141.2	137.8	137.8	134.3	130.9	130.9	129.1
132.5°	163.6	158.4	156.7	155.0	149.8	146.4	146.4	144.6
135°	184.3	179.1	177.4	175.6	168.8	165.3	165.3	163.6
137.5°	204.9	199.8	198.0	196.3	191.1	187.7	186.0	184.3
140°	223.9	218.7	217.0	215.2	211.8	208.4	206.6	204.9
142.5°	242.8	239.4	237.6	235.9	230.7	227.3	225.6	225.6
145°	263.5	258.3	258.3	254.9	251.4	248.0	246.2	244.5
147.5°	284.1	279.0	277.2	275.5	272.1	266.9	265.2	265.2
150°	301.3	297.9	296.2	294.5	291.0	287.6	285.9	284.1
152.5°	318.6	315.1	315.1	313.4	310.0	306.5	304.8	304.8
155°	335.8	330.6	330.6	330.6	327.2	325.5	323.7	323.7
157.5°	351.3	347.8	346.1	346.1	344.4	342.7	339.2	341.0
160°	366.8	365.1	361.6	361.6	361.6	358.2	356.5	358.2
162.5°	382.3	380.6	378.8	378.8	377.1	375.4	373.7	373.7
165°	394.3	392.6	390.9	390.9	392.6	390.9	389.2	387.4
167.5°	406.4	404.7	402.9	402.9	404.7	402.9	401.2	401.2
170°	418.4	416.7	415.0	415.0	415.0	415.0	413.3	413.3
172.5°	428.8	427.1	427.1	425.3	427.1	425.3	423.6	423.6
175°	442.6	440.8	440.8	439.1	440.8	435.7	430.5	432.2
177.5°	451.2	451.2	449.4	449.4	449.4	446.0	442.6	442.6
180°	458.1	458.1	458.1	458.1	458.1	458.1	458.1	458.1

(END OF REPORT)