

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: P303225

Luminaire Tested: **CTW-F-7525-40L935-UNV-STD-6**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P303225  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: CTW-F-7525-40L935-UNV-STD-6  
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE  
75% UPLIGHT, 25% DOWNLIGHT, 4000 LUMEN PACKAGE  
Light Source: 3500K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

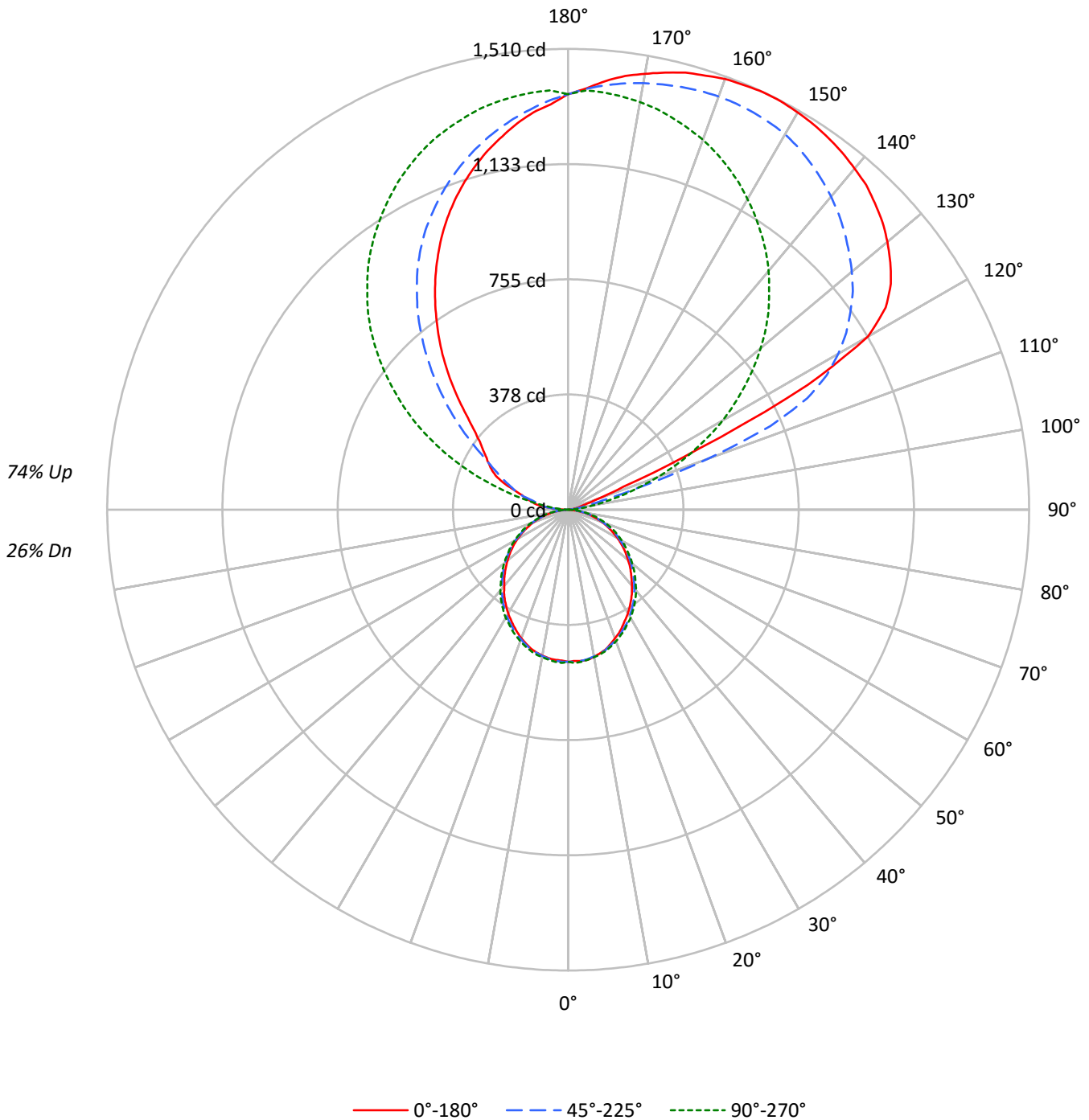
Lumens per Lamp: N/A  
Luminaire Lumens: 5170.2 lumens  
Efficiency: N/A  
Efficacy: 119.1 lumens/watt  
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.31  
Luminous Opening: Rectangular (W 6' x L: 0.12' x H: 0')  
CIE Type: Semi-Indirect

Input Watts (W): 43.4  
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	101	101	101	101	90	90	90	90	70	70	70	51	51	51	34	34	34	26
1	92	88	84	81	82	79	75	73	61	59	57	45	43	42	30	29	28	21
2	84	77	71	66	75	69	64	59	53	50	47	39	37	35	26	25	24	18
3	76	67	60	55	68	60	54	50	47	43	39	35	32	30	23	21	20	15
4	70	59	52	46	62	53	47	42	42	37	33	31	28	25	21	19	17	13
5	64	53	45	39	57	47	41	36	37	32	29	27	24	22	18	17	15	11
6	59	47	39	34	52	42	36	31	33	28	25	25	21	19	17	15	13	10
7	54	42	35	29	48	38	32	27	30	25	22	22	19	17	15	13	12	9
8	50	38	31	26	45	35	28	24	27	22	19	20	17	15	14	12	10	8
9	47	35	28	23	41	31	25	21	25	20	17	19	15	13	13	11	9	7
10	43	32	25	20	39	29	23	19	23	18	15	17	14	12	12	10	8	6

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

	0°	90°	180°
0°	7154	7154	7154
5°	7163	7200	7108
10°	7134	7153	7077
15°	7043	7101	7004
20°	6845	7003	6845
25°	6667	6892	6667
30°	6485	6785	6506
35°	6290	6630	6335
40°	6074	6484	6098
45°	5898	6292	5951
50°	5709	6113	5796
55°	5557	5945	5655
60°	5376	5821	5485
65°	5131	5702	5308
70°	4876	5526	5094
75°	4514	5301	4797
80°	3951	4909	4273
85°	2552	4463	2981



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	47.1	0.9
10°-20°	133.1	2.6
20°-30°	196.6	3.8
30°-40°	230.7	4.5
40°-50°	232.2	4.5
50°-60°	207.0	4.0
60°-70°	158.7	3.1
70°-80°	94.4	1.8
80°-90°	26.1	0.5
90°-100°	38.1	0.7
100°-110°	162.6	3.1
110°-120°	463.8	9.0
120°-130°	678.2	13.1
130°-140°	731.7	14.2
140°-150°	696.3	13.5
150°-160°	571.4	11.1
160°-170°	373.1	7.2
170°-180°	129.3	2.5
0°-30°	376.8	7.3
0°-40°	607.4	11.7
0°-60°	1046.7	20.2
0°-90°	1325.9	25.6
90°-120°	664.4	12.9
90°-150°	2770.6	53.6
90°-180°	3844.0	74.3
0°-180°	5170.2	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	498	498	498	498	498	
5°	497	497	500	496	493	47
15°	474	475	478	473	471	133
25°	421	430	435	429	421	194
35°	359	372	378	372	362	225
45°	291	302	310	304	293	224
55°	222	231	238	235	226	198
65°	151	159	168	161	156	150
75°	81	86	96	90	86	86
85°	16	19	27	22	18	19
90°	1	1	1	6	12	1
95°	9	12	27	54	50	10
105°	43	116	183	128	142	52
115°	470	864	449	234	261	530
125°	1290	1129	706	388	340	1143
135°	1421	1281	929	625	504	1097
145°	1486	1386	1103	864	750	932
155°	1510	1436	1238	1063	983	697
165°	1483	1434	1328	1213	1169	420
175°	1410	1396	1372	1321	1307	136
180°	1361	1361	1361	1361	1361	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	498.5	498.5	498.5	498.5	498.5	498.5	498.5	498.5	498.5	498.5	498.5
2.5°	495.9	494.6	497.2	498.5	498.5	499.8	499.8	499.8	499.8	501.1	498.5
5°	497.2	497.2	497.2	497.2	495.9	497.2	497.2	498.5	498.5	499.8	497.2
7.5°	495.9	494.6	494.6	494.6	493.4	493.4	494.6	494.6	493.4	495.9	493.4
10°	489.5	489.5	488.2	488.2	488.2	488.2	488.2	489.5	489.5	490.8	488.2
12.5°	481.7	481.7	481.7	481.7	480.4	480.4	481.7	483.0	483.0	484.3	483.0
15°	474.0	472.7	474.0	475.3	474.0	474.0	474.0	475.3	475.3	476.6	475.3
17.5°	461.1	461.1	462.4	463.6	463.6	462.4	463.6	464.9	464.9	466.2	464.9
20°	448.2	448.2	449.4	450.7	450.7	450.7	452.0	452.0	453.3	453.3	454.6
22.5°	436.5	435.2	436.5	437.8	437.8	436.5	439.1	439.1	440.4	441.7	443.0
25°	421.0	419.7	422.3	423.6	423.6	423.6	424.9	426.2	427.5	428.8	430.1
27.5°	405.5	405.5	406.8	408.1	409.4	409.4	410.7	413.3	413.3	414.6	417.2
30°	391.3	391.3	392.6	393.9	395.2	395.2	395.2	397.8	400.4	400.4	402.9
32.5°	375.8	374.5	375.8	378.4	378.4	378.4	379.7	382.3	383.6	384.9	387.5
35°	359.0	359.0	360.3	361.6	362.9	362.9	364.2	366.8	368.1	369.4	372.0
37.5°	343.5	342.2	343.5	344.8	346.1	346.1	347.4	350.0	351.3	352.6	355.2
40°	324.2	322.9	324.2	325.5	326.7	326.7	328.0	331.9	333.2	334.5	337.1
42.5°	307.4	306.1	307.4	308.7	310.0	311.3	311.3	312.5	315.1	316.4	319.0
45°	290.6	289.3	289.3	291.9	293.2	293.2	294.5	295.8	298.3	299.6	302.2
47.5°	273.8	272.5	273.8	275.1	275.1	276.4	277.7	277.7	280.3	282.8	284.1
50°	255.7	255.7	255.7	257.0	258.3	259.6	259.6	260.9	262.2	264.8	267.3
52.5°	238.9	237.6	238.9	240.2	241.5	241.5	242.8	242.8	244.1	248.0	249.3
55°	222.1	220.8	220.8	222.1	222.1	223.4	224.7	224.7	226.0	228.6	231.2
57.5°	204.1	204.1	204.1	205.3	205.3	205.3	207.9	207.9	209.2	211.8	213.1
60°	187.3	187.3	186.0	187.3	187.3	188.6	189.9	189.9	191.1	192.4	195.0
62.5°	169.2	169.2	167.9	169.2	170.5	170.5	171.8	171.8	173.1	175.6	176.9
65°	151.1	152.4	151.1	151.1	152.4	152.4	153.7	153.7	155.0	156.3	158.9
67.5°	134.3	134.3	133.0	134.3	134.3	135.6	135.6	136.9	136.9	138.2	139.5
70°	116.2	116.2	116.2	116.2	117.5	117.5	118.8	118.8	118.8	120.1	121.4
72.5°	99.4	99.4	98.2	98.2	99.4	100.7	100.7	102.0	102.0	104.6	104.6
75°	81.4	81.4	81.4	81.4	82.7	82.7	82.7	83.9	85.2	85.2	86.5
77.5°	64.6	63.3	64.6	64.6	64.6	64.6	65.9	67.2	67.2	68.4	69.7
80°	47.8	46.5	47.8	47.8	47.8	47.8	49.1	49.1	50.4	51.7	51.7
82.5°	31.0	29.7	31.0	31.0	31.0	31.0	32.3	32.3	33.6	34.9	34.9
85°	15.5	14.2	15.5	15.5	15.5	15.5	15.5	16.8	18.1	18.1	19.4
87.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.9	3.9	5.2
90°	1.3	2.6	2.6	2.6	1.3	2.6	1.3	2.6	1.3	1.3	1.3
92.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
95°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	10.3	10.3	10.3	11.6
97.5°	15.5	14.2	14.2	15.5	15.5	15.5	15.5	16.8	18.1	19.4	22.0
100°	22.0	22.0	22.0	23.2	23.2	24.5	24.5	25.8	28.4	31.0	36.2
102.5°	32.3	32.3	32.3	33.6	33.6	34.9	36.2	38.7	42.6	49.1	60.7
105°	42.6	43.9	45.2	46.5	49.1	51.7	53.0	58.1	67.2	83.9	116.2
107.5°	63.3	63.3	65.9	68.4	73.6	78.8	82.7	98.2	120.1	166.6	244.1
110°	99.4	98.2	102.0	113.7	127.9	142.1	149.8	202.8	263.5	365.5	483.0



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	195.0	192.4	205.3	232.5	284.1	328.0	347.4	449.4	559.2	654.8	716.8
115°	470.1	463.6	490.8	545.0	635.4	688.4	705.2	789.1	844.6	861.4	864.0
117.5°	884.7	876.9	895.0	924.7	972.5	990.6	986.7	1000.9	994.5	979.0	954.4
120°	1133.9	1127.5	1127.5	1126.2	1128.8	1123.6	1117.1	1102.9	1078.4	1053.9	1021.6
122.5°	1233.4	1230.8	1224.3	1212.7	1205.0	1198.5	1185.6	1164.9	1140.4	1113.3	1079.7
125°	1290.2	1286.3	1279.9	1269.5	1255.3	1250.2	1236.0	1214.0	1189.5	1162.4	1128.8
127.5°	1330.2	1326.4	1319.9	1312.2	1296.7	1291.5	1278.6	1255.3	1232.1	1206.3	1175.3
130°	1365.1	1361.2	1354.8	1348.3	1335.4	1326.4	1314.7	1292.8	1270.8	1245.0	1212.7
132.5°	1396.1	1390.9	1384.5	1379.3	1367.7	1361.2	1348.3	1327.7	1305.7	1281.2	1247.6
135°	1420.7	1418.1	1410.3	1405.2	1393.5	1385.8	1375.4	1356.1	1335.4	1310.9	1281.2
137.5°	1443.9	1437.4	1433.6	1427.1	1415.5	1407.7	1398.7	1380.6	1361.2	1339.3	1312.2
140°	1459.4	1455.5	1450.4	1446.5	1434.9	1425.8	1418.1	1403.9	1384.5	1363.8	1339.3
142.5°	1474.9	1471.0	1467.1	1460.7	1450.4	1443.9	1436.1	1423.2	1407.7	1387.1	1363.8
145°	1486.5	1482.6	1478.8	1474.9	1464.6	1458.1	1451.6	1441.3	1425.8	1406.4	1385.8
147.5°	1496.8	1494.3	1490.4	1486.5	1477.5	1472.3	1467.1	1456.8	1441.3	1421.9	1405.2
150°	1503.3	1500.7	1496.8	1495.6	1485.2	1480.1	1476.2	1467.1	1452.9	1433.6	1420.7
152.5°	1508.5	1505.9	1502.0	1500.7	1490.4	1486.5	1482.6	1473.6	1459.4	1441.3	1429.7
155°	1509.8	1507.2	1503.3	1500.7	1490.4	1486.5	1483.9	1474.9	1463.3	1447.8	1436.1
157.5°	1505.9	1504.6	1502.0	1496.8	1487.8	1483.9	1482.6	1473.6	1464.6	1451.6	1440.0
160°	1502.0	1499.4	1498.1	1494.3	1486.5	1483.9	1482.6	1474.9	1465.9	1454.2	1441.3
162.5°	1491.7	1491.7	1490.4	1487.8	1481.4	1478.8	1477.5	1471.0	1462.0	1452.9	1438.7
165°	1482.6	1481.4	1478.8	1476.2	1471.0	1469.7	1467.1	1463.3	1454.2	1447.8	1433.6
167.5°	1467.1	1465.9	1463.3	1459.4	1455.5	1455.5	1454.2	1451.6	1443.9	1441.3	1427.1
170°	1450.4	1447.8	1447.8	1445.2	1441.3	1441.3	1441.3	1438.7	1432.3	1431.0	1419.4
172.5°	1433.6	1431.0	1429.7	1428.4	1423.2	1424.5	1424.5	1421.9	1418.1	1420.7	1409.0
175°	1410.3	1409.0	1406.4	1406.4	1403.9	1405.2	1407.7	1406.4	1402.6	1406.4	1396.1
177.5°	1381.9	1380.6	1381.9	1385.8	1383.2	1387.1	1387.1	1388.4	1387.1	1390.9	1380.6
180°	1361.2	1361.2	1361.2	1361.2	1361.2	1361.2	1361.2	1361.2	1361.2	1361.2	1361.2



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	498.5	498.5	498.5	498.5	498.5	498.5	498.5	498.5	498.5	498.5	498.5
2.5°	495.9	497.2	495.9	497.2	497.2	495.9	497.2	498.5	501.1	502.4	501.1
5°	494.6	494.6	494.6	494.6	494.6	494.6	494.6	495.9	498.5	499.8	498.5
7.5°	490.8	492.1	490.8	492.1	492.1	490.8	490.8	493.4	494.6	495.9	494.6
10°	486.9	486.9	485.6	486.9	486.9	486.9	486.9	488.2	489.5	490.8	489.5
12.5°	480.4	480.4	479.1	480.4	480.4	480.4	480.4	481.7	484.3	485.6	484.3
15°	472.7	472.7	472.7	472.7	474.0	472.7	472.7	475.3	476.6	477.9	476.6
17.5°	462.4	463.6	462.4	463.6	463.6	463.6	463.6	466.2	467.5	468.8	467.5
20°	450.7	452.0	452.0	452.0	453.3	453.3	453.3	454.6	457.2	458.5	457.2
22.5°	440.4	441.7	441.7	441.7	441.7	441.7	443.0	444.3	446.9	446.9	446.9
25°	427.5	427.5	428.8	430.1	430.1	430.1	431.4	432.7	433.9	435.2	433.9
27.5°	414.6	414.6	414.6	417.2	417.2	417.2	417.2	418.4	421.0	421.0	421.0
30°	401.7	400.4	401.7	402.9	404.2	404.2	404.2	405.5	408.1	409.4	408.1
32.5°	387.5	386.2	387.5	388.7	388.7	390.0	390.0	391.3	393.9	393.9	393.9
35°	372.0	370.7	372.0	373.2	373.2	374.5	375.8	375.8	378.4	378.4	378.4
37.5°	356.5	355.2	356.5	357.7	357.7	359.0	359.0	360.3	362.9	362.9	362.9
40°	339.7	338.4	338.4	341.0	341.0	341.0	343.5	343.5	346.1	346.1	346.1
42.5°	321.6	320.3	321.6	322.9	322.9	322.9	324.2	325.5	326.7	326.7	326.7
45°	303.5	303.5	304.8	306.1	306.1	306.1	307.4	308.7	310.0	310.0	310.0
47.5°	286.7	286.7	288.0	289.3	289.3	289.3	290.6	290.6	293.2	291.9	291.9
50°	268.6	269.9	271.2	272.5	272.5	272.5	273.8	273.8	275.1	273.8	275.1
52.5°	250.6	251.8	253.1	254.4	254.4	254.4	255.7	255.7	257.0	255.7	257.0
55°	232.5	232.5	235.1	236.3	236.3	236.3	237.6	237.6	238.9	237.6	238.9
57.5°	215.7	215.7	217.0	218.3	218.3	218.3	219.6	220.8	220.8	220.8	220.8
60°	196.3	197.6	198.9	200.2	201.5	201.5	201.5	202.8	202.8	202.8	202.8
62.5°	178.2	179.5	180.8	182.1	183.4	182.1	183.4	184.7	184.7	184.7	184.7
65°	160.1	161.4	162.7	164.0	165.3	164.0	165.3	166.6	166.6	167.9	166.6
67.5°	142.1	142.1	144.6	145.9	145.9	145.9	147.2	148.5	148.5	149.8	149.8
70°	124.0	124.0	126.6	127.9	127.9	127.9	129.2	130.4	131.7	131.7	131.7
72.5°	105.9	107.2	108.5	109.8	111.1	109.8	111.1	112.4	113.7	113.7	113.7
75°	87.8	89.1	90.4	91.7	93.0	91.7	93.0	94.3	94.3	95.6	95.6
77.5°	69.7	71.0	72.3	73.6	74.9	74.9	74.9	76.2	77.5	78.8	77.5
80°	53.0	54.2	55.5	56.8	58.1	56.8	58.1	58.1	59.4	59.4	59.4
82.5°	36.2	38.7	38.7	40.0	40.0	40.0	41.3	41.3	42.6	43.9	42.6
85°	20.7	22.0	23.2	24.5	24.5	24.5	24.5	25.8	25.8	27.1	27.1
87.5°	6.5	6.5	7.7	9.0	9.0	9.0	10.3	10.3	11.6	11.6	11.6
90°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
92.5°	5.2	5.2	6.5	7.7	9.0	10.3	12.9	12.9	11.6	10.3	11.6
95°	12.9	15.5	19.4	24.5	29.7	32.3	38.7	37.5	32.3	27.1	25.8
97.5°	25.8	32.3	41.3	55.5	65.9	72.3	80.1	73.6	62.0	53.0	47.8
100°	46.5	60.7	81.4	111.1	126.6	133.0	135.6	121.4	103.3	86.5	76.2
102.5°	83.9	117.5	158.9	200.2	215.7	215.7	207.9	182.1	155.0	130.4	111.1
105°	166.6	223.4	286.7	317.7	324.2	315.1	289.3	254.4	215.7	183.4	156.3
107.5°	337.1	412.0	440.4	439.1	432.7	410.7	375.8	331.9	282.8	242.8	209.2
110°	557.9	579.9	574.7	545.0	528.2	503.7	455.9	412.0	353.9	311.3	268.6





TEST NUMBER: P303225

CATALOG NUMBER: CTW-F-7525-40L935-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	731.0	709.0	676.7	631.5	610.9	585.0	536.0	488.2	426.2	381.0	334.5
115°	842.1	800.7	758.1	709.0	687.1	660.0	610.9	557.9	495.9	449.4	401.7
117.5°	922.1	873.1	827.9	778.8	758.1	731.0	680.6	625.1	563.1	517.9	470.1
120°	980.2	937.6	891.1	843.3	824.0	796.9	743.9	691.0	632.8	583.8	536.0
122.5°	1038.4	993.2	949.3	904.1	884.7	857.6	802.0	750.4	693.5	645.8	599.3
125°	1088.7	1044.8	1003.5	960.9	940.2	910.5	858.8	807.2	752.9	706.5	662.5
127.5°	1135.2	1095.2	1052.6	1011.2	990.6	959.6	910.5	860.1	811.1	765.9	721.9
130°	1176.6	1141.7	1100.4	1059.0	1035.8	1007.4	960.9	911.8	865.3	822.7	780.1
132.5°	1215.3	1181.7	1143.0	1099.1	1075.8	1051.3	1006.1	962.2	918.3	878.2	836.9
135°	1252.8	1216.6	1177.8	1135.2	1114.6	1092.6	1048.7	1004.8	967.3	928.6	889.8
137.5°	1286.3	1246.3	1208.8	1168.8	1149.4	1128.8	1087.4	1047.4	1012.5	973.8	937.6
140°	1313.5	1273.4	1238.5	1198.5	1181.7	1163.6	1123.6	1086.2	1055.2	1021.6	985.4
142.5°	1335.4	1296.7	1264.4	1228.2	1212.7	1194.6	1157.2	1124.9	1096.5	1064.2	1029.3
145°	1353.5	1318.6	1287.6	1254.0	1239.8	1224.3	1189.5	1161.1	1132.6	1102.9	1070.7
147.5°	1371.6	1338.0	1310.9	1279.9	1267.0	1252.8	1219.2	1194.6	1168.8	1140.4	1110.7
150°	1385.8	1356.1	1329.0	1301.8	1288.9	1276.0	1246.3	1221.8	1201.1	1175.3	1148.1
152.5°	1396.1	1371.6	1347.0	1322.5	1309.6	1298.0	1273.4	1251.5	1233.4	1208.8	1183.0
155°	1403.9	1383.2	1361.2	1340.6	1329.0	1318.6	1295.4	1277.3	1259.2	1238.5	1214.0
157.5°	1410.3	1392.2	1372.9	1352.2	1344.5	1334.1	1313.5	1299.2	1283.8	1265.7	1243.7
160°	1414.2	1400.0	1380.6	1365.1	1357.4	1349.6	1330.2	1317.3	1305.7	1290.2	1269.5
162.5°	1415.5	1402.6	1387.1	1374.2	1367.7	1360.0	1343.2	1334.1	1322.5	1309.6	1290.2
165°	1414.2	1405.2	1390.9	1380.6	1375.4	1367.7	1354.8	1347.0	1339.3	1327.7	1310.9
167.5°	1411.6	1402.6	1393.5	1384.5	1379.3	1374.2	1363.8	1358.7	1352.2	1344.5	1330.2
170°	1406.4	1401.3	1392.2	1387.1	1383.2	1378.0	1369.0	1366.4	1363.8	1356.1	1344.5
172.5°	1398.7	1394.8	1388.4	1384.5	1381.9	1378.0	1371.6	1371.6	1370.3	1365.1	1354.8
175°	1387.1	1385.8	1380.6	1379.3	1378.0	1374.2	1371.6	1372.9	1374.2	1371.6	1363.8
177.5°	1374.2	1375.4	1371.6	1372.9	1371.6	1369.0	1369.0	1372.9	1375.4	1375.4	1370.3
180°	1361.2	1361.2	1361.2	1361.2	1361.2	1361.2	1361.2	1361.2	1361.2	1361.2	1361.2



TEST NUMBER: P303225

CATALOG NUMBER: CTW-F-7525-40L935-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	498.5	498.5	498.5	498.5	498.5	498.5	498.5	498.5	498.5	498.5	498.5
2.5°	499.8	497.2	495.9	497.2	495.9	494.6	494.6	495.9	498.5	501.1	498.5
5°	497.2	494.6	494.6	494.6	494.6	493.4	493.4	493.4	495.9	499.8	495.9
7.5°	493.4	490.8	490.8	490.8	490.8	489.5	489.5	489.5	492.1	494.6	492.1
10°	488.2	486.9	485.6	485.6	485.6	484.3	483.0	484.3	486.9	489.5	485.6
12.5°	481.7	480.4	479.1	479.1	479.1	477.9	477.9	477.9	480.4	481.7	479.1
15°	474.0	472.7	471.4	472.7	471.4	470.1	470.1	470.1	472.7	474.0	471.4
17.5°	464.9	463.6	462.4	462.4	462.4	459.8	459.8	459.8	463.6	463.6	461.1
20°	454.6	452.0	452.0	452.0	450.7	449.4	449.4	449.4	452.0	452.0	449.4
22.5°	444.3	443.0	440.4	440.4	440.4	439.1	437.8	437.8	441.7	439.1	437.8
25°	432.7	430.1	428.8	428.8	427.5	426.2	424.9	424.9	428.8	426.2	423.6
27.5°	418.4	417.2	415.9	415.9	414.6	412.0	412.0	412.0	415.9	412.0	410.7
30°	405.5	404.2	402.9	402.9	401.7	399.1	399.1	400.4	402.9	399.1	397.8
32.5°	391.3	390.0	387.5	387.5	386.2	384.9	384.9	386.2	387.5	383.6	382.3
35°	375.8	374.5	373.2	373.2	372.0	370.7	370.7	372.0	372.0	368.1	366.8
37.5°	360.3	359.0	357.7	356.5	355.2	355.2	355.2	356.5	355.2	352.6	350.0
40°	344.8	343.5	341.0	341.0	339.7	338.4	338.4	341.0	338.4	335.8	331.9
42.5°	325.5	324.2	321.6	321.6	320.3	320.3	321.6	322.9	320.3	317.7	315.1
45°	308.7	307.4	306.1	306.1	304.8	304.8	304.8	304.8	303.5	302.2	299.6
47.5°	291.9	290.6	289.3	289.3	289.3	288.0	288.0	288.0	286.7	284.1	282.8
50°	275.1	273.8	272.5	272.5	271.2	269.9	271.2	269.9	269.9	267.3	264.8
52.5°	257.0	255.7	255.7	254.4	255.7	254.4	253.1	253.1	251.8	249.3	248.0
55°	238.9	238.9	237.6	237.6	237.6	236.3	236.3	235.1	235.1	232.5	229.9
57.5°	222.1	220.8	220.8	220.8	220.8	218.3	218.3	217.0	217.0	214.4	213.1
60°	204.1	202.8	202.8	202.8	202.8	201.5	200.2	200.2	197.6	196.3	195.0
62.5°	186.0	184.7	184.7	184.7	184.7	183.4	182.1	182.1	179.5	178.2	176.9
65°	167.9	166.6	166.6	166.6	166.6	165.3	164.0	164.0	161.4	160.1	160.1
67.5°	149.8	148.5	148.5	148.5	148.5	147.2	145.9	145.9	143.4	143.4	142.1
70°	131.7	131.7	131.7	130.4	130.4	129.2	127.9	127.9	125.3	125.3	124.0
72.5°	113.7	113.7	112.4	111.1	112.4	112.4	109.8	109.8	108.5	108.5	107.2
75°	95.6	95.6	94.3	94.3	94.3	93.0	91.7	91.7	90.4	90.4	89.1
77.5°	77.5	77.5	76.2	76.2	77.5	76.2	74.9	74.9	73.6	73.6	72.3
80°	59.4	60.7	59.4	60.7	59.4	59.4	58.1	56.8	56.8	56.8	55.5
82.5°	42.6	43.9	42.6	43.9	42.6	42.6	41.3	40.0	38.7	38.7	37.5
85°	27.1	27.1	25.8	27.1	25.8	25.8	24.5	23.2	22.0	22.0	22.0
87.5°	11.6	11.6	10.3	11.6	10.3	10.3	9.0	9.0	7.7	7.7	7.7
90°	2.6	3.9	5.2	5.2	5.2	5.2	6.5	6.5	6.5	6.5	7.7
92.5°	16.8	22.0	24.5	24.5	23.2	24.5	25.8	24.5	24.5	23.2	23.2
95°	29.7	33.6	40.0	43.9	47.8	53.0	55.5	54.2	54.2	51.7	51.7
97.5°	45.2	50.4	55.5	54.2	55.5	63.3	69.7	76.2	80.1	82.7	83.9
100°	71.0	68.4	72.3	76.2	77.5	76.2	78.8	85.2	91.7	94.3	99.4
102.5°	102.0	94.3	91.7	93.0	95.6	104.6	100.7	102.0	103.3	105.9	112.4
105°	139.5	126.6	120.1	118.8	117.5	121.4	130.4	133.0	127.9	126.6	129.2
107.5°	184.7	165.3	155.0	149.8	147.2	147.2	149.8	157.6	164.0	161.4	158.9
110°	238.9	210.5	195.0	186.0	179.5	175.6	176.9	179.5	186.0	192.4	197.6



TEST NUMBER: P303225

CATALOG NUMBER: CTW-F-7525-40L935-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	298.3	263.5	238.9	228.6	219.6	207.9	205.3	205.3	207.9	214.4	220.8
115°	364.2	321.6	290.6	276.4	266.0	246.7	237.6	232.5	233.8	235.1	240.2
117.5°	430.1	386.2	350.0	331.9	317.7	293.2	275.1	266.0	262.2	260.9	263.5
120°	493.4	452.0	413.3	393.9	375.8	346.1	321.6	302.2	294.5	288.0	286.7
122.5°	555.3	515.3	475.3	454.6	436.5	404.2	379.7	353.9	335.8	321.6	313.8
125°	621.2	577.3	537.3	519.2	499.8	464.9	433.9	410.7	387.5	368.1	353.9
127.5°	679.3	639.3	599.3	581.2	564.4	526.9	494.6	468.8	444.3	419.7	399.1
130°	738.7	700.0	661.2	641.9	623.8	590.2	556.6	528.2	503.7	479.1	455.9
132.5°	795.6	758.1	720.7	701.3	685.8	652.2	617.3	590.2	563.1	539.8	516.6
135°	849.8	811.1	777.5	758.1	740.0	710.3	678.0	653.5	625.1	600.5	578.6
137.5°	901.5	862.7	831.7	813.6	799.4	769.7	740.0	714.2	687.1	662.5	639.3
140°	949.3	913.1	879.5	865.3	848.5	822.7	795.6	773.6	747.8	721.9	701.3
142.5°	995.7	960.9	932.5	914.4	901.5	874.3	848.5	830.4	808.5	781.4	762.0
145°	1037.1	1004.8	979.0	963.5	946.7	922.1	898.9	882.1	864.0	839.5	820.1
147.5°	1079.7	1048.7	1021.6	1010.0	994.5	971.2	950.5	933.8	920.8	896.3	878.2
150°	1119.7	1090.0	1062.9	1051.3	1038.4	1016.4	997.0	982.8	971.2	949.3	932.5
152.5°	1157.2	1127.5	1104.2	1092.6	1079.7	1060.3	1040.9	1026.7	1020.3	998.3	981.5
155°	1189.5	1162.4	1141.7	1132.6	1119.7	1099.1	1082.3	1069.4	1062.9	1044.8	1030.6
157.5°	1220.5	1193.3	1175.3	1167.5	1155.9	1136.5	1122.3	1108.1	1104.2	1090.0	1074.5
160°	1247.6	1224.3	1208.8	1201.1	1190.8	1171.4	1158.5	1146.9	1143.0	1132.6	1118.4
162.5°	1272.1	1251.5	1238.5	1229.5	1220.5	1206.3	1192.1	1181.7	1179.1	1172.7	1157.2
165°	1295.4	1276.0	1263.1	1256.6	1250.2	1236.0	1223.1	1215.3	1212.7	1208.8	1193.3
167.5°	1316.0	1298.0	1286.3	1282.5	1274.7	1263.1	1252.8	1245.0	1243.7	1242.4	1228.2
170°	1331.5	1316.0	1308.3	1301.8	1298.0	1287.6	1278.6	1272.1	1272.1	1273.4	1259.2
172.5°	1345.7	1332.8	1325.1	1321.2	1317.3	1308.3	1301.8	1295.4	1298.0	1300.5	1288.9
175°	1356.1	1345.7	1339.3	1336.7	1334.1	1326.4	1321.2	1318.6	1321.2	1326.4	1314.7
177.5°	1363.8	1356.1	1352.2	1350.9	1348.3	1343.2	1340.6	1338.0	1343.2	1349.6	1339.3
180°	1361.2	1361.2	1361.2	1361.2	1361.2	1361.2	1361.2	1361.2	1361.2	1361.2	1361.2



TEST NUMBER: P303225

CATALOG NUMBER: CTW-F-7525-40L935-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	498.5	498.5	498.5	498.5	498.5	498.5	498.5	498.5
2.5°	499.8	499.8	498.5	498.5	497.2	495.9	494.6	494.6
5°	497.2	495.9	495.9	495.9	494.6	494.6	493.4	493.4
7.5°	492.1	492.1	492.1	490.8	492.1	490.8	490.8	490.8
10°	486.9	485.6	485.6	485.6	485.6	484.3	484.3	485.6
12.5°	480.4	479.1	477.9	477.9	477.9	477.9	477.9	479.1
15°	471.4	471.4	471.4	470.1	470.1	470.1	470.1	471.4
17.5°	461.1	459.8	459.8	459.8	459.8	459.8	459.8	459.8
20°	449.4	448.2	448.2	446.9	446.9	446.9	446.9	448.2
22.5°	437.8	435.2	435.2	433.9	435.2	435.2	433.9	435.2
25°	423.6	422.3	422.3	421.0	421.0	419.7	419.7	421.0
27.5°	410.7	409.4	408.1	408.1	406.8	405.5	405.5	406.8
30°	396.5	395.2	393.9	392.6	392.6	391.3	391.3	392.6
32.5°	381.0	379.7	378.4	378.4	377.1	375.8	375.8	377.1
35°	365.5	364.2	362.9	362.9	361.6	360.3	360.3	361.6
37.5°	350.0	347.4	347.4	347.4	346.1	344.8	343.5	344.8
40°	330.6	329.3	328.0	326.7	326.7	325.5	325.5	325.5
42.5°	313.8	312.5	312.5	311.3	310.0	308.7	308.7	310.0
45°	297.0	297.0	295.8	294.5	293.2	293.2	293.2	293.2
47.5°	280.3	279.0	279.0	279.0	276.4	276.4	275.1	276.4
50°	263.5	262.2	262.2	262.2	259.6	259.6	259.6	259.6
52.5°	246.7	245.4	245.4	244.1	244.1	242.8	241.5	242.8
55°	228.6	228.6	227.3	227.3	226.0	224.7	224.7	226.0
57.5°	211.8	210.5	210.5	210.5	209.2	207.9	207.9	209.2
60°	193.7	193.7	193.7	192.4	191.1	191.1	191.1	191.1
62.5°	176.9	175.6	175.6	175.6	175.6	174.4	173.1	173.1
65°	158.9	157.6	157.6	157.6	156.3	157.6	156.3	156.3
67.5°	140.8	140.8	140.8	139.5	139.5	139.5	138.2	138.2
70°	124.0	122.7	124.0	122.7	122.7	122.7	121.4	121.4
72.5°	107.2	105.9	105.9	104.6	105.9	104.6	104.6	103.3
75°	89.1	89.1	87.8	87.8	87.8	87.8	86.5	86.5
77.5°	72.3	72.3	71.0	71.0	71.0	69.7	69.7	68.4
80°	54.2	54.2	54.2	53.0	53.0	53.0	53.0	51.7
82.5°	37.5	37.5	37.5	36.2	36.2	34.9	34.9	33.6
85°	20.7	20.7	20.7	19.4	19.4	19.4	19.4	18.1
87.5°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
90°	7.7	9.0	7.7	9.0	10.3	10.3	10.3	11.6
92.5°	23.2	23.2	23.2	24.5	24.5	23.2	23.2	23.2
95°	51.7	51.7	51.7	51.7	51.7	50.4	50.4	50.4
97.5°	85.2	85.2	85.2	86.5	85.2	82.7	82.7	82.7
100°	102.0	104.6	105.9	107.2	108.5	109.8	109.8	109.8
102.5°	117.5	118.8	120.1	121.4	122.7	122.7	122.7	122.7
105°	131.7	133.0	133.0	134.3	138.2	140.8	142.1	142.1
107.5°	157.6	157.6	157.6	158.9	158.9	158.9	158.9	158.9
110°	200.2	193.7	192.4	187.3	188.6	187.3	187.3	187.3



TEST NUMBER: P303225

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**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	227.3	231.2	232.5	233.8	233.8	232.5	229.9	228.6
115°	248.0	251.8	254.4	254.4	258.3	260.9	260.9	260.9
117.5°	267.3	271.2	272.5	275.1	277.7	280.3	281.5	281.5
120°	288.0	291.9	291.9	294.5	295.8	298.3	299.6	299.6
122.5°	311.3	313.8	313.8	313.8	316.4	316.4	317.7	317.7
125°	346.1	343.5	342.2	341.0	341.0	339.7	341.0	339.7
127.5°	386.2	379.7	375.8	372.0	369.4	365.5	365.5	364.2
130°	435.2	427.5	418.4	414.6	408.1	404.2	401.7	399.1
132.5°	494.6	484.3	475.3	468.8	459.8	452.0	448.2	445.6
135°	559.2	542.4	532.1	528.2	517.9	508.9	506.3	503.7
137.5°	619.9	604.4	595.4	591.5	581.2	572.1	568.3	565.7
140°	679.3	663.8	653.5	652.2	641.9	634.1	631.5	629.0
142.5°	740.0	727.1	715.5	711.6	702.6	697.4	692.2	691.0
145°	799.4	785.2	774.9	772.3	763.3	756.8	752.9	750.4
147.5°	858.8	845.9	835.6	833.0	824.0	818.8	813.6	811.1
150°	915.7	900.2	893.7	891.1	882.1	878.2	873.1	870.5
152.5°	968.6	954.4	949.3	945.4	938.9	931.2	929.9	927.3
155°	1016.4	1003.5	999.6	995.7	989.3	985.4	984.1	982.8
157.5°	1064.2	1052.6	1047.4	1043.5	1038.4	1034.5	1033.2	1034.5
160°	1110.7	1099.1	1095.2	1092.6	1084.9	1082.3	1082.3	1082.3
162.5°	1152.0	1143.0	1139.1	1136.5	1132.6	1128.8	1126.2	1127.5
165°	1189.5	1181.7	1179.1	1175.3	1171.4	1170.1	1168.8	1168.8
167.5°	1224.3	1216.6	1214.0	1210.1	1208.8	1206.3	1205.0	1207.6
170°	1257.9	1250.2	1248.9	1245.0	1242.4	1241.1	1238.5	1242.4
172.5°	1287.6	1282.5	1279.9	1277.3	1277.3	1276.0	1274.7	1277.3
175°	1314.7	1310.9	1308.3	1304.4	1305.7	1304.4	1304.4	1307.0
177.5°	1340.6	1338.0	1335.4	1334.1	1332.8	1330.2	1327.7	1329.0
180°	1361.2	1361.2	1361.2	1361.2	1361.2	1361.2	1361.2	1361.2

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