

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: P303090

Luminaire Tested: **CTW-F-2575-40L940-UNV-STD-6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303090
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-5)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: CTW-F-2575-40L940-UNV-STD-6
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 4000 LUMEN PACKAGE
Light Source: 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

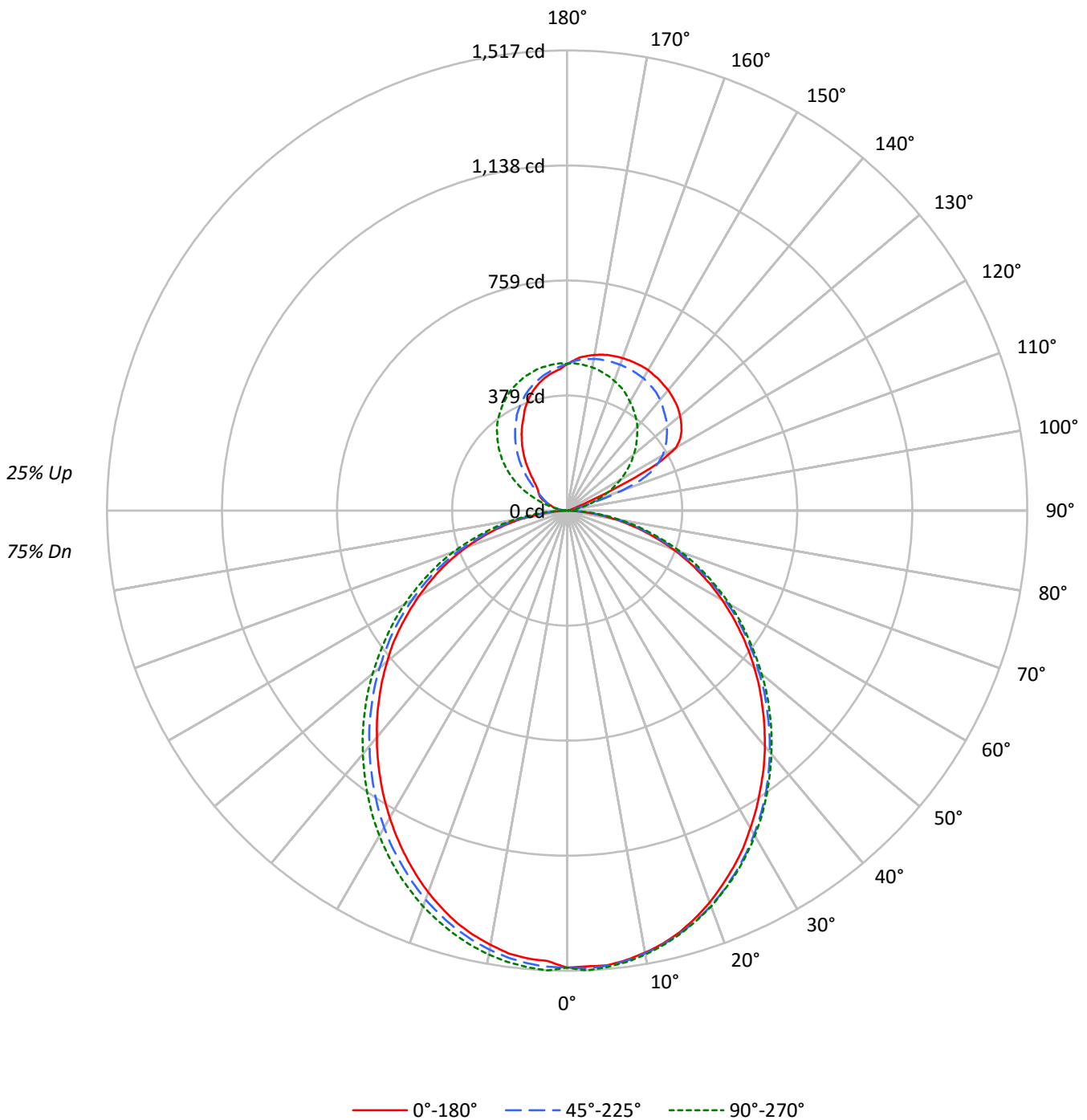
Lumens per Lamp: N/A
Luminaire Lumens: 5390.2 lumens
Efficiency: N/A
Efficacy: 105.1 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32
Luminous Opening: Rectangular (W 6' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 51.3
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	59	55	51	54	50	47	44
4	78	67	58	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	29	36	31	28	25
8	57	44	36	30	54	42	35	30	39	33	28	36	30	26	33	28	25	23
9	53	40	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	18

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	21623	21623	21623
5°	21685	21763	21355
10°	21563	21660	21188
15°	21362	21463	20901
20°	20990	21216	20454
25°	20543	20886	19924
30°	20022	20515	19374
35°	19490	20080	18827
40°	18994	19627	18285
45°	18468	19180	17782
50°	17994	18688	17302
55°	17463	18206	16787
60°	16932	17785	16198
65°	16321	17282	15632
70°	15576	16768	14842
75°	14445	15793	13697
80°	12720	14728	12050
85°	8662	12663	7328



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.2	2.6
10°-20°	402.8	7.5
20°-30°	596.7	11.1
30°-40°	700.0	13.0
40°-50°	709.5	13.2
50°-60°	632.4	11.7
60°-70°	484.3	9.0
70°-80°	284.1	5.3
80°-90°	74.6	1.4
90°-100°	13.9	0.3
100°-110°	60.2	1.1
110°-120°	167.6	3.1
120°-130°	239.3	4.4
130°-140°	257.3	4.8
140°-150°	245.1	4.5
150°-160°	201.9	3.7
160°-170°	132.5	2.5
170°-180°	45.9	0.9
0°-30°	1141.7	21.2
0°-40°	1841.7	34.2
0°-60°	3183.6	59.1
0°-90°	4026.6	74.7
90°-120°	241.7	4.5
90°-150°	983.4	18.2
90°-180°	1364.0	25.3
0°-180°	5390.2	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1507	1507	1507	1507	1507	
5°	1505	1507	1511	1498	1482	143
15°	1438	1442	1444	1426	1407	405
25°	1297	1315	1319	1289	1258	597
35°	1112	1141	1146	1112	1075	697
45°	910	933	945	913	876	703
55°	698	718	728	702	671	624
65°	481	497	509	482	460	476
75°	260	274	285	263	247	275
85°	53	65	77	55	44	65
90°	1	1	1	3	4	2
95°	4	4	11	18	15	4
105°	16	43	65	47	51	18
115°	188	308	157	84	93	201
125°	460	400	246	135	117	409
135°	505	454	324	216	171	390
145°	528	493	389	300	258	331
155°	536	509	439	374	340	248
165°	530	512	468	431	416	150
175°	508	500	485	470	460	49
180°	483	483	483	483	483	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1506.6	1506.6	1506.6	1506.6	1506.6	1506.6	1506.6	1506.6	1506.6	1506.6	1506.6
2.5°	1503.9	1502.5	1503.9	1502.5	1506.6	1506.6	1506.6	1505.2	1507.9	1513.3	1510.6
5°	1505.2	1503.9	1502.5	1498.5	1501.2	1501.2	1501.2	1499.8	1502.5	1509.3	1506.6
7.5°	1494.4	1494.4	1493.1	1490.4	1493.1	1493.1	1491.7	1490.4	1493.1	1498.5	1497.1
10°	1479.6	1478.2	1476.9	1474.2	1478.2	1478.2	1478.2	1476.9	1479.6	1486.3	1482.3
12.5°	1462.0	1459.3	1458.0	1455.3	1459.3	1459.3	1459.3	1458.0	1460.7	1467.4	1464.7
15°	1437.7	1436.4	1436.4	1435.0	1439.1	1439.1	1439.1	1436.4	1439.1	1444.5	1441.8
17.5°	1408.0	1406.7	1409.4	1408.0	1410.7	1410.7	1410.7	1408.0	1409.4	1417.5	1416.1
20°	1374.3	1372.9	1372.9	1371.6	1375.6	1375.6	1377.0	1374.3	1378.3	1386.4	1386.4
22.5°	1336.5	1336.5	1337.8	1336.5	1339.2	1340.5	1339.2	1337.8	1341.9	1350.0	1352.7
25°	1297.3	1296.0	1296.0	1298.7	1300.0	1301.4	1301.4	1300.0	1302.7	1310.8	1314.9
27.5°	1255.5	1252.8	1255.5	1255.5	1258.2	1259.5	1260.9	1260.9	1263.6	1269.0	1275.7
30°	1208.2	1208.2	1209.6	1210.9	1210.9	1215.0	1216.3	1216.3	1219.0	1225.8	1232.5
32.5°	1162.3	1161.0	1163.7	1165.0	1166.4	1169.1	1169.1	1170.4	1171.8	1178.5	1188.0
35°	1112.4	1113.7	1113.7	1116.4	1119.1	1120.5	1121.8	1120.5	1124.5	1128.6	1140.7
37.5°	1065.1	1063.8	1063.8	1065.1	1069.2	1070.5	1071.9	1071.9	1074.6	1080.0	1090.8
40°	1013.8	1012.5	1015.2	1016.5	1017.9	1020.6	1020.6	1023.3	1027.3	1031.4	1039.5
42.5°	962.5	961.2	963.9	965.2	967.9	969.3	969.3	972.0	976.0	981.4	986.8
45°	909.9	908.5	911.2	912.6	915.3	916.6	916.6	920.7	924.7	927.4	932.8
47.5°	858.6	857.2	858.6	861.3	864.0	865.3	865.3	868.0	870.7	876.1	880.2
50°	805.9	803.2	805.9	807.3	810.0	808.6	811.3	814.0	819.4	824.8	824.8
52.5°	751.9	749.2	751.9	753.3	756.0	757.3	757.3	758.7	765.4	769.5	772.2
55°	697.9	696.6	697.9	699.3	702.0	704.7	703.3	707.4	710.1	715.5	718.2
57.5°	643.9	642.6	643.9	645.3	648.0	649.3	649.3	653.4	654.7	658.8	665.5
60°	589.9	587.2	589.9	591.3	594.0	594.0	595.3	596.7	600.7	606.1	608.8
62.5°	535.9	535.9	535.9	535.9	538.6	538.6	542.7	544.0	544.0	549.4	553.5
65°	480.6	480.6	480.6	480.6	483.3	486.0	484.6	488.7	490.0	494.1	496.8
67.5°	426.6	425.2	426.6	426.6	429.3	430.6	430.6	433.3	434.7	436.0	442.8
70°	371.2	372.6	371.2	371.2	371.2	373.9	376.6	378.0	379.3	380.7	384.7
72.5°	314.5	313.2	314.5	314.5	314.5	317.2	318.6	321.3	321.3	324.0	326.7
75°	260.5	260.5	261.9	260.5	260.5	264.6	264.6	267.3	267.3	270.0	274.0
77.5°	206.5	209.2	207.9	207.9	207.9	210.6	210.6	213.3	214.6	216.0	220.0
80°	153.9	156.6	155.2	155.2	155.2	156.6	157.9	160.6	160.6	163.3	166.0
82.5°	102.6	102.6	103.9	103.9	103.9	105.3	108.0	109.3	109.3	112.0	114.7
85°	52.6	56.7	55.3	55.3	55.3	56.7	58.0	59.4	60.7	62.1	64.8
87.5°	10.8	12.1	12.1	10.8	13.5	12.1	13.5	14.8	14.8	16.2	18.9
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°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
95°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
97.5°	5.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	8.1
100°	8.1	8.1	8.1	8.1	8.1	9.4	9.4	9.4	9.4	10.8	12.1
102.5°	10.8	10.8	12.1	12.1	12.1	12.1	12.1	13.5	14.8	16.2	21.6
105°	16.2	14.8	16.2	16.2	16.2	17.5	17.5	20.2	22.9	29.7	43.2
107.5°	21.6	21.6	21.6	22.9	24.3	27.0	28.3	33.7	45.9	64.8	99.9
110°	33.7	32.4	35.1	37.8	45.9	49.9	56.7	76.9	109.3	148.5	190.3



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	71.5	70.2	79.6	89.1	106.6	122.8	144.4	184.9	226.8	252.4	263.2
115°	187.6	183.6	195.7	220.0	251.1	267.3	282.1	302.4	314.5	314.5	307.8
117.5°	338.8	333.4	346.9	353.7	360.4	365.8	365.8	365.8	360.4	351.0	337.5
120°	414.4	410.4	411.7	409.0	406.3	403.6	400.9	395.5	386.1	375.3	363.1
122.5°	442.8	441.4	438.7	434.7	430.6	426.6	423.9	417.1	407.7	395.5	383.4
125°	460.3	459.0	456.3	452.2	446.8	444.1	441.4	433.3	423.9	413.1	399.6
127.5°	473.8	473.8	469.8	467.1	461.7	459.0	454.9	448.2	438.7	426.6	414.4
130°	486.0	486.0	481.9	480.6	473.8	472.5	468.4	460.3	450.9	440.1	429.3
132.5°	496.8	495.4	494.1	491.4	486.0	483.3	480.6	473.8	463.0	452.2	442.8
135°	504.9	503.5	502.2	499.5	494.1	492.7	490.0	483.3	472.5	463.0	453.6
137.5°	511.6	511.6	508.9	507.6	502.2	500.8	498.1	491.4	481.9	473.8	465.7
140°	518.4	518.4	515.7	514.3	508.9	507.6	506.2	499.5	490.0	483.3	476.5
142.5°	522.4	523.8	521.1	519.7	514.3	513.0	511.6	504.9	498.1	491.4	486.0
145°	527.8	527.8	525.1	523.8	521.1	519.7	517.0	511.6	504.9	498.1	492.7
147.5°	530.5	531.9	529.2	527.8	525.1	523.8	521.1	515.7	508.9	503.5	498.1
150°	534.6	534.6	531.9	530.5	527.8	526.5	525.1	519.7	513.0	508.9	503.5
152.5°	535.9	535.9	533.2	531.9	529.2	527.8	526.5	521.1	515.7	511.6	506.2
155°	535.9	535.9	534.6	531.9	530.5	529.2	526.5	522.4	517.0	514.3	508.9
157.5°	535.9	534.6	534.6	531.9	530.5	527.8	526.5	521.1	518.4	515.7	510.3
160°	534.6	534.6	533.2	530.5	530.5	527.8	526.5	522.4	518.4	517.0	511.6
162.5°	533.2	531.9	531.9	529.2	529.2	527.8	525.1	522.4	518.4	517.0	511.6
165°	530.5	529.2	529.2	526.5	526.5	525.1	523.8	518.4	517.0	515.7	511.6
167.5°	526.5	525.1	523.8	521.1	521.1	519.7	518.4	514.3	513.0	513.0	510.3
170°	521.1	518.4	517.0	515.7	515.7	514.3	513.0	510.3	510.3	510.3	507.6
172.5°	514.3	511.6	511.6	510.3	508.9	508.9	507.6	504.9	504.9	504.9	503.5
175°	507.6	504.9	503.5	502.2	503.5	502.2	500.8	499.5	499.5	500.8	499.5
177.5°	495.4	492.7	494.1	494.1	494.1	494.1	492.7	492.7	492.7	492.7	492.7
180°	483.3	483.3	483.3	483.3	483.3	483.3	483.3	483.3	483.3	483.3	483.3



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1506.6	1506.6	1506.6	1506.6	1506.6	1506.6	1506.6	1506.6	1506.6	1506.6	1506.6
2.5°	1501.2	1497.1	1497.1	1502.5	1503.9	1506.6	1509.3	1514.7	1517.4	1517.4	1516.0
5°	1497.1	1493.1	1491.7	1497.1	1498.5	1501.2	1503.9	1509.3	1510.6	1510.6	1509.3
7.5°	1487.7	1483.6	1482.3	1487.7	1489.0	1491.7	1493.1	1498.5	1501.2	1501.2	1498.5
10°	1472.8	1468.8	1468.8	1474.2	1475.5	1476.9	1479.6	1483.6	1486.3	1486.3	1485.0
12.5°	1455.3	1451.2	1449.9	1455.3	1456.6	1458.0	1460.7	1466.1	1467.4	1467.4	1464.7
15°	1433.7	1428.3	1428.3	1433.7	1435.0	1436.4	1439.1	1443.1	1444.5	1444.5	1441.8
17.5°	1406.7	1404.0	1401.3	1406.7	1408.0	1409.4	1410.7	1416.1	1418.8	1417.5	1414.8
20°	1377.0	1372.9	1370.2	1377.0	1378.3	1379.7	1381.0	1386.4	1389.1	1389.1	1385.1
22.5°	1344.6	1340.5	1337.8	1343.2	1345.9	1345.9	1348.6	1352.7	1355.4	1354.0	1351.3
25°	1308.1	1302.7	1302.7	1306.8	1309.5	1309.5	1312.2	1316.2	1318.9	1318.9	1314.9
27.5°	1269.0	1264.9	1262.2	1264.9	1269.0	1270.3	1273.0	1277.1	1279.8	1279.8	1275.7
30°	1228.5	1224.4	1219.0	1223.1	1227.1	1228.5	1231.2	1236.6	1237.9	1237.9	1231.2
32.5°	1185.3	1178.5	1177.2	1179.9	1182.6	1185.3	1188.0	1192.0	1192.0	1193.4	1189.3
35°	1136.7	1134.0	1131.3	1134.0	1136.7	1138.0	1142.1	1146.1	1146.1	1146.1	1142.1
37.5°	1089.4	1089.4	1084.0	1085.4	1088.1	1089.4	1094.8	1097.5	1098.9	1097.5	1096.2
40°	1043.5	1039.5	1036.8	1036.8	1038.1	1042.2	1044.9	1047.6	1048.9	1047.6	1044.9
42.5°	993.6	990.9	986.8	986.8	988.2	992.2	997.6	999.0	997.6	997.6	992.2
45°	939.6	939.6	936.9	936.9	936.9	940.9	946.3	947.7	946.3	945.0	942.3
47.5°	885.6	886.9	886.9	885.6	885.6	885.6	891.0	892.3	893.7	892.3	889.6
50°	831.6	832.9	832.9	832.9	831.6	835.6	837.0	839.7	838.3	837.0	835.6
52.5°	774.9	778.9	778.9	780.3	780.3	780.3	785.7	787.0	783.0	781.6	780.3
55°	719.5	724.9	724.9	726.3	726.3	726.3	730.3	733.0	729.0	727.6	726.3
57.5°	665.5	669.6	669.6	672.3	675.0	672.3	675.0	677.7	673.6	675.0	672.3
60°	610.2	612.9	614.2	616.9	618.3	618.3	621.0	623.7	618.3	619.6	618.3
62.5°	557.5	557.5	558.9	561.6	562.9	561.6	564.3	568.3	562.9	564.3	562.9
65°	498.1	502.2	502.2	504.9	506.2	506.2	508.9	511.6	507.6	508.9	504.9
67.5°	442.8	445.5	446.8	450.9	453.6	452.2	453.6	456.3	453.6	454.9	450.9
70°	387.4	390.1	390.1	391.5	395.5	396.9	398.2	399.6	398.2	399.6	396.9
72.5°	329.4	330.7	332.1	333.4	337.5	337.5	338.8	340.2	344.2	341.5	341.5
75°	274.0	276.7	276.7	280.8	283.5	283.5	284.8	286.2	288.9	284.8	284.8
77.5°	220.0	222.7	222.7	226.8	228.1	228.1	230.8	232.2	233.5	232.2	232.2
80°	167.4	168.7	170.1	171.4	174.1	175.5	176.8	178.2	179.5	178.2	179.5
82.5°	117.4	117.4	118.8	120.1	122.8	124.2	125.5	126.9	128.2	126.9	128.2
85°	66.1	68.8	68.8	72.9	74.2	74.2	75.6	76.9	78.3	76.9	78.3
87.5°	20.2	22.9	24.3	25.6	28.3	28.3	31.0	32.4	32.4	31.0	32.4
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°	2.7	2.7	2.7	4.0	4.0	4.0	5.4	5.4	5.4	4.0	5.4
95°	5.4	5.4	6.7	9.4	12.1	13.5	16.2	16.2	13.5	10.8	10.8
97.5°	9.4	10.8	16.2	22.9	25.6	29.7	32.4	29.7	24.3	20.2	18.9
100°	16.2	21.6	33.7	47.2	51.3	55.3	54.0	47.2	39.1	32.4	28.3
102.5°	29.7	45.9	68.8	82.3	85.0	85.0	78.3	67.5	56.7	47.2	41.8
105°	66.1	94.5	120.1	122.8	121.5	117.4	105.3	91.8	78.3	64.8	58.0
107.5°	136.3	160.6	168.7	160.6	156.6	148.5	133.6	117.4	99.9	86.4	75.6
110°	211.9	214.6	206.5	193.0	184.9	178.2	159.3	143.1	124.2	108.0	95.8



TEST NUMBER: P303090

CATALOG NUMBER: CTW-F-2575-40L940-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	263.2	253.8	238.9	222.7	214.6	205.2	187.6	168.7	148.5	130.9	117.4
115°	297.0	282.1	265.9	248.4	240.3	232.2	213.3	193.0	172.8	156.6	140.4
117.5°	322.6	306.4	290.2	272.7	264.6	256.5	236.2	217.3	195.7	179.5	163.3
120°	344.2	329.4	311.8	295.6	287.5	279.4	259.2	240.3	220.0	202.5	184.9
122.5°	368.5	353.7	332.1	317.2	309.1	299.7	280.8	261.9	241.6	224.1	206.5
125°	386.1	371.2	355.0	336.1	328.0	318.6	299.7	282.1	263.2	245.7	229.5
127.5°	403.6	388.8	373.9	356.4	346.9	336.1	318.6	301.0	283.5	267.3	249.7
130°	418.5	405.0	390.1	373.9	364.5	356.4	336.1	318.6	302.4	286.2	271.3
132.5°	433.3	419.8	403.6	388.8	379.3	372.6	356.4	337.5	321.3	306.4	290.2
135°	444.1	432.0	415.8	399.6	392.8	386.1	371.2	356.4	338.8	324.0	309.1
137.5°	456.3	442.8	426.6	411.7	405.0	399.6	386.1	371.2	357.7	341.5	326.7
140°	465.7	452.2	437.4	422.5	417.1	411.7	399.6	386.1	373.9	360.4	344.2
142.5°	473.8	460.3	445.5	432.0	427.9	422.5	410.4	399.6	387.4	375.3	361.8
145°	481.9	467.1	453.6	442.8	437.4	432.0	422.5	411.7	400.9	388.8	376.6
147.5°	488.7	473.8	461.7	450.9	446.8	442.8	432.0	422.5	413.1	402.3	390.1
150°	494.1	480.6	469.8	460.3	456.3	452.2	441.4	433.3	425.2	414.4	403.6
152.5°	496.8	484.6	475.2	467.1	464.4	460.3	452.2	444.1	436.0	426.6	417.1
155°	499.5	488.7	480.6	473.8	471.1	468.4	460.3	453.6	446.8	438.7	427.9
157.5°	500.8	492.7	484.6	479.2	476.5	473.8	467.1	461.7	454.9	446.8	438.7
160°	503.5	495.4	487.3	483.3	481.9	479.2	472.5	468.4	463.0	454.9	448.2
162.5°	503.5	496.8	490.0	487.3	486.0	484.6	477.9	473.8	469.8	463.0	456.3
165°	504.9	498.1	492.7	490.0	488.7	487.3	483.3	479.2	475.2	468.4	464.4
167.5°	503.5	498.1	494.1	491.4	490.0	488.7	486.0	483.3	479.2	475.2	469.8
170°	500.8	496.8	494.1	492.7	491.4	490.0	487.3	486.0	481.9	479.2	475.2
172.5°	498.1	494.1	491.4	491.4	490.0	490.0	488.7	487.3	484.6	481.9	479.2
175°	494.1	491.4	488.7	488.7	488.7	488.7	487.3	487.3	486.0	484.6	481.9
177.5°	488.7	486.0	484.6	484.6	486.0	486.0	486.0	486.0	486.0	486.0	484.6
180°	483.3	483.3	483.3	483.3	483.3	483.3	483.3	483.3	483.3	483.3	483.3



TEST NUMBER: P303090

CATALOG NUMBER: CTW-F-2575-40L940-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1506.6	1506.6	1506.6	1506.6	1506.6	1506.6	1506.6	1506.6	1506.6	1506.6	1506.6
2.5°	1506.6	1497.1	1497.1	1498.5	1501.2	1503.9	1503.9	1498.5	1505.2	1510.6	1505.2
5°	1499.8	1490.4	1491.7	1491.7	1494.4	1497.1	1497.1	1491.7	1498.5	1502.5	1495.8
7.5°	1489.0	1479.6	1479.6	1480.9	1482.3	1485.0	1485.0	1479.6	1486.3	1490.4	1483.6
10°	1474.2	1464.7	1464.7	1464.7	1467.4	1470.1	1468.8	1463.4	1470.1	1472.8	1467.4
12.5°	1453.9	1445.8	1445.8	1445.8	1447.2	1449.9	1448.5	1441.8	1449.9	1451.2	1444.5
15°	1431.0	1424.2	1422.9	1422.9	1424.2	1426.9	1424.2	1417.5	1425.6	1426.9	1421.5
17.5°	1405.3	1397.2	1395.9	1395.9	1397.2	1399.9	1395.9	1389.1	1395.9	1395.9	1390.5
20°	1375.6	1366.2	1364.8	1364.8	1366.2	1367.5	1362.1	1358.1	1364.8	1363.5	1358.1
22.5°	1341.9	1332.4	1331.1	1331.1	1332.4	1333.8	1327.0	1324.3	1328.4	1327.0	1320.3
25°	1304.1	1297.3	1296.0	1294.6	1297.3	1294.6	1290.6	1286.5	1289.2	1286.5	1279.8
27.5°	1264.9	1256.8	1254.1	1255.5	1258.2	1256.8	1247.4	1246.0	1250.1	1244.7	1237.9
30°	1221.7	1215.0	1212.3	1213.6	1213.6	1213.6	1204.2	1205.5	1206.9	1202.8	1193.4
32.5°	1177.2	1171.8	1170.4	1170.4	1171.8	1169.1	1159.6	1161.0	1161.0	1154.2	1147.5
35°	1131.3	1125.9	1123.2	1124.5	1125.9	1120.5	1112.4	1115.1	1112.4	1107.0	1100.2
37.5°	1084.0	1077.3	1077.3	1077.3	1078.6	1071.9	1063.8	1067.8	1063.8	1057.0	1051.6
40°	1032.7	1027.3	1028.7	1028.7	1030.0	1024.6	1017.9	1017.9	1013.8	1007.1	1000.3
42.5°	985.5	978.7	981.4	981.4	981.4	973.3	969.3	967.9	965.2	958.5	953.1
45°	932.8	927.4	931.5	930.1	931.5	922.0	919.3	916.6	912.6	907.2	900.4
47.5°	878.8	876.1	880.2	880.2	880.2	870.7	868.0	864.0	861.3	855.9	846.4
50°	824.8	824.8	827.5	828.9	826.2	818.1	815.4	810.0	807.3	801.9	793.8
52.5°	773.5	770.8	774.9	774.9	772.2	765.4	761.4	757.3	753.3	747.9	742.5
55°	720.9	718.2	722.2	719.5	718.2	712.8	707.4	703.3	702.0	693.9	688.5
57.5°	666.9	665.5	668.2	666.9	662.8	658.8	653.4	650.7	646.6	639.9	635.8
60°	612.9	612.9	612.9	611.5	608.8	603.4	599.4	596.7	591.3	585.9	583.2
62.5°	558.9	558.9	557.5	556.2	553.5	549.4	544.0	544.0	535.9	530.5	529.2
65°	504.9	503.5	502.2	498.1	498.1	495.4	490.0	486.0	481.9	476.5	475.2
67.5°	450.9	448.2	444.1	444.1	441.4	440.1	434.7	430.6	427.9	423.9	421.2
70°	396.9	392.8	388.8	390.1	386.1	384.7	379.3	378.0	371.2	367.2	367.2
72.5°	338.8	334.8	330.7	332.1	329.4	326.7	322.6	318.6	314.5	313.2	310.5
75°	284.8	279.4	276.7	276.7	274.0	271.3	268.6	264.6	263.2	260.5	257.8
77.5°	229.5	225.4	224.1	224.1	220.0	218.7	216.0	214.6	210.6	210.6	205.2
80°	176.8	172.8	171.4	170.1	170.1	166.0	164.7	160.6	159.3	156.6	152.5
82.5°	124.2	121.5	120.1	120.1	120.1	114.7	113.4	109.3	108.0	103.9	99.9
85°	75.6	72.9	70.2	71.5	70.2	64.8	63.4	58.0	55.3	54.0	51.3
87.5°	31.0	27.0	24.3	22.9	22.9	20.2	18.9	17.5	13.5	12.1	10.8
90°	1.3	1.3	2.7	2.7	2.7	2.7	2.7	2.7	2.7	4.0	4.0
92.5°	6.7	8.1	8.1	8.1	9.4	9.4	8.1	8.1	8.1	8.1	6.7
95°	12.1	13.5	16.2	16.2	17.5	18.9	18.9	17.5	17.5	17.5	16.2
97.5°	17.5	20.2	20.2	21.6	22.9	24.3	25.6	27.0	27.0	27.0	27.0
100°	27.0	25.6	28.3	29.7	29.7	29.7	31.0	32.4	33.7	35.1	35.1
102.5°	39.1	35.1	35.1	35.1	37.8	40.5	37.8	37.8	39.1	40.5	41.8
105°	51.3	47.2	44.5	44.5	44.5	47.2	49.9	48.6	47.2	48.6	48.6
107.5°	67.5	60.7	55.3	55.3	55.3	54.0	56.7	58.0	60.7	59.4	56.7
110°	85.0	76.9	70.2	66.1	66.1	64.8	64.8	66.1	68.8	70.2	71.5



TEST NUMBER: P303090

CATALOG NUMBER: CTW-F-2575-40L940-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	105.3	94.5	85.0	83.7	79.6	75.6	74.2	74.2	75.6	78.3	81.0
115°	126.9	114.7	102.6	99.9	95.8	87.7	85.0	83.7	83.7	85.0	87.7
117.5°	148.5	135.0	122.8	117.4	113.4	105.3	98.5	94.5	93.1	93.1	94.5
120°	170.1	157.9	144.4	137.7	132.3	122.8	113.4	106.6	103.9	102.6	102.6
122.5°	191.7	179.5	164.7	159.3	153.9	141.7	132.3	122.8	117.4	113.4	112.0
125°	213.3	201.1	187.6	180.9	174.1	162.0	152.5	143.1	135.0	128.2	124.2
127.5°	234.9	221.4	209.2	203.8	197.1	183.6	171.4	162.0	153.9	145.8	139.0
130°	253.8	243.0	230.8	225.4	218.7	203.8	193.0	183.6	174.1	164.7	157.9
132.5°	275.4	261.9	251.1	245.7	238.9	225.4	214.6	203.8	195.7	186.3	178.2
135°	292.9	282.1	270.0	264.6	259.2	247.0	236.2	225.4	216.0	207.9	201.1
137.5°	311.8	299.7	288.9	284.8	278.1	265.9	257.8	247.0	237.6	228.1	221.4
140°	329.4	317.2	306.4	302.4	297.0	286.2	275.4	267.3	257.8	249.7	243.0
142.5°	346.9	332.1	324.0	319.9	314.5	303.7	294.3	287.5	279.4	271.3	264.6
145°	363.1	352.3	338.8	336.1	332.1	321.3	313.2	306.4	299.7	291.6	284.8
147.5°	376.6	367.2	357.7	355.0	351.0	340.2	330.7	325.3	318.6	311.8	305.1
150°	391.5	382.0	373.9	371.2	367.2	360.4	351.0	341.5	337.5	329.4	324.0
152.5°	405.0	395.5	387.4	386.1	382.0	375.3	367.2	360.4	357.7	351.0	341.5
155°	417.1	407.7	400.9	399.6	396.9	390.1	383.4	376.6	373.9	367.2	361.8
157.5°	427.9	418.5	413.1	411.7	409.0	403.6	396.9	390.1	388.8	383.4	379.3
160°	438.7	429.3	425.2	423.9	421.2	417.1	411.7	405.0	405.0	399.6	395.5
162.5°	446.8	440.1	436.0	433.3	432.0	429.3	423.9	418.5	418.5	414.4	410.4
165°	456.3	448.2	445.5	444.1	442.8	440.1	436.0	430.6	430.6	427.9	423.9
167.5°	463.0	456.3	453.6	452.2	450.9	449.5	446.8	441.4	441.4	440.1	436.0
170°	468.4	463.0	460.3	459.0	459.0	457.6	456.3	452.2	452.2	450.9	446.8
172.5°	473.8	468.4	467.1	467.1	465.7	465.7	464.4	460.3	460.3	461.7	457.6
175°	477.9	472.5	472.5	471.1	472.5	472.5	471.1	468.4	469.8	471.1	468.4
177.5°	479.2	476.5	476.5	476.5	476.5	477.9	477.9	473.8	476.5	479.2	475.2
180°	483.3	483.3	483.3	483.3	483.3	483.3	483.3	483.3	483.3	483.3	483.3



TEST NUMBER: P303090

CATALOG NUMBER: CTW-F-2575-40L940-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	1506.6	1506.6	1506.6	1506.6	1506.6	1506.6	1506.6	1506.6
2.5°	1505.2	1502.5	1501.2	1501.2	1502.5	1494.4	1487.7	1486.3
5°	1495.8	1493.1	1491.7	1491.7	1494.4	1489.0	1483.6	1482.3
7.5°	1482.3	1480.9	1478.2	1479.6	1483.6	1478.2	1472.8	1472.8
10°	1464.7	1463.4	1460.7	1462.0	1464.7	1459.3	1453.9	1453.9
12.5°	1443.1	1439.1	1437.7	1439.1	1441.8	1436.4	1431.0	1432.3
15°	1417.5	1414.8	1413.4	1414.8	1417.5	1412.1	1405.3	1406.7
17.5°	1389.1	1385.1	1385.1	1386.4	1387.8	1381.0	1374.3	1374.3
20°	1354.0	1350.0	1350.0	1351.3	1351.3	1343.2	1339.2	1339.2
22.5°	1314.9	1310.8	1309.5	1312.2	1312.2	1305.4	1301.4	1300.0
25°	1275.7	1269.0	1269.0	1271.7	1270.3	1264.9	1259.5	1258.2
27.5°	1235.2	1227.1	1229.8	1229.8	1228.5	1220.4	1216.3	1215.0
30°	1190.7	1183.9	1182.6	1185.3	1181.2	1174.5	1171.8	1169.1
32.5°	1144.8	1138.0	1139.4	1138.0	1135.3	1128.6	1123.2	1123.2
35°	1097.5	1089.4	1092.1	1090.8	1085.4	1081.3	1077.3	1074.6
37.5°	1047.6	1040.8	1043.5	1040.8	1036.8	1032.7	1027.3	1026.0
40°	996.3	993.6	993.6	990.9	986.8	981.4	980.1	976.0
42.5°	945.0	943.6	943.6	939.6	935.5	931.5	928.8	927.4
45°	895.0	891.0	893.7	889.6	884.2	880.2	877.5	876.1
47.5°	843.7	839.7	839.7	837.0	831.6	828.9	826.2	826.2
50°	792.4	787.0	785.7	784.3	780.3	777.6	773.5	774.9
52.5°	739.8	737.1	735.7	731.7	727.6	724.9	723.6	724.9
55°	687.1	684.4	681.7	679.0	675.0	672.3	669.6	670.9
57.5°	634.5	629.1	629.1	625.0	622.3	619.6	616.9	616.9
60°	580.5	577.8	575.1	572.4	569.7	567.0	567.0	564.3
62.5°	526.5	523.8	521.1	517.0	515.7	513.0	514.3	511.6
65°	472.5	468.4	468.4	464.4	463.0	460.3	461.7	460.3
67.5°	418.5	415.8	414.4	411.7	409.0	407.7	407.7	407.7
70°	364.5	361.8	360.4	360.4	356.4	352.3	355.0	353.7
72.5°	307.8	306.4	303.7	302.4	299.7	298.3	299.7	298.3
75°	255.1	253.8	252.4	251.1	247.0	247.0	248.4	247.0
77.5°	202.5	201.1	199.8	201.1	195.7	195.7	195.7	194.4
80°	151.2	149.8	147.1	148.5	145.8	143.1	143.1	145.8
82.5°	97.2	97.2	94.5	94.5	94.5	90.4	91.8	93.1
85°	49.9	49.9	48.6	49.9	45.9	45.9	45.9	44.5
87.5°	10.8	10.8	9.4	10.8	9.4	9.4	9.4	10.8
90°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
92.5°	6.7	6.7	6.7	8.1	6.7	6.7	6.7	6.7
95°	16.2	17.5	17.5	17.5	16.2	16.2	16.2	14.8
97.5°	27.0	27.0	27.0	27.0	25.6	25.6	25.6	24.3
100°	35.1	36.4	36.4	36.4	36.4	36.4	36.4	35.1
102.5°	43.2	43.2	43.2	44.5	44.5	44.5	44.5	43.2
105°	48.6	49.9	49.9	51.3	52.6	52.6	52.6	51.3
107.5°	58.0	58.0	58.0	58.0	58.0	59.4	58.0	58.0
110°	70.2	68.8	68.8	68.8	67.5	67.5	67.5	67.5



TEST NUMBER: P303090

CATALOG NUMBER: CTW-F-2575-40L940-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	82.3	82.3	82.3	82.3	82.3	81.0	81.0	81.0
115°	89.1	91.8	91.8	91.8	91.8	91.8	93.1	93.1
117.5°	95.8	97.2	98.5	98.5	99.9	99.9	101.2	101.2
120°	102.6	103.9	103.9	105.3	105.3	105.3	106.6	106.6
122.5°	110.7	110.7	110.7	110.7	112.0	110.7	112.0	112.0
125°	121.5	120.1	120.1	118.8	118.8	117.4	117.4	117.4
127.5°	135.0	132.3	130.9	129.6	128.2	126.9	125.5	125.5
130°	152.5	147.1	145.8	144.4	140.4	139.0	137.7	137.7
132.5°	171.4	167.4	164.7	162.0	157.9	155.2	153.9	152.5
135°	194.4	189.0	184.9	182.2	178.2	174.1	171.4	171.4
137.5°	214.6	209.2	206.5	203.8	199.8	195.7	194.4	193.0
140°	236.2	230.8	228.1	225.4	221.4	217.3	214.6	214.6
142.5°	256.5	251.1	249.7	247.0	243.0	238.9	237.6	236.2
145°	278.1	272.7	270.0	268.6	264.6	260.5	257.8	257.8
147.5°	298.3	292.9	291.6	288.9	286.2	280.8	279.4	278.1
150°	318.6	313.2	311.8	310.5	307.8	302.4	299.7	299.7
152.5°	337.5	332.1	330.7	330.7	328.0	324.0	321.3	319.9
155°	357.7	353.7	352.3	352.3	349.6	344.2	340.2	340.2
157.5°	375.3	371.2	369.9	369.9	367.2	364.5	363.1	363.1
160°	392.8	388.8	387.4	387.4	386.1	383.4	382.0	382.0
162.5°	407.7	405.0	403.6	403.6	403.6	400.9	398.2	399.6
165°	422.5	418.5	418.5	417.1	418.5	415.8	414.4	415.8
167.5°	433.3	432.0	430.6	430.6	430.6	429.3	429.3	429.3
170°	445.5	444.1	444.1	442.8	442.8	442.8	440.1	441.4
172.5°	456.3	454.9	454.9	454.9	454.9	453.6	450.9	452.2
175°	467.1	465.7	465.7	465.7	465.7	464.4	460.3	460.3
177.5°	476.5	476.5	475.2	475.2	475.2	472.5	467.1	468.4
180°	483.3	483.3	483.3	483.3	483.3	483.3	483.3	483.3

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