

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: P303079

Luminaire Tested: **CTW-F-2575-30L940-UNV-STD-8**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303079
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-2575-30L940-UNV-STD-8
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 3000 LUMEN PACKAGE
Light Source: 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5385.6 lumens
Efficiency: N/A
Efficacy: 107.5 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

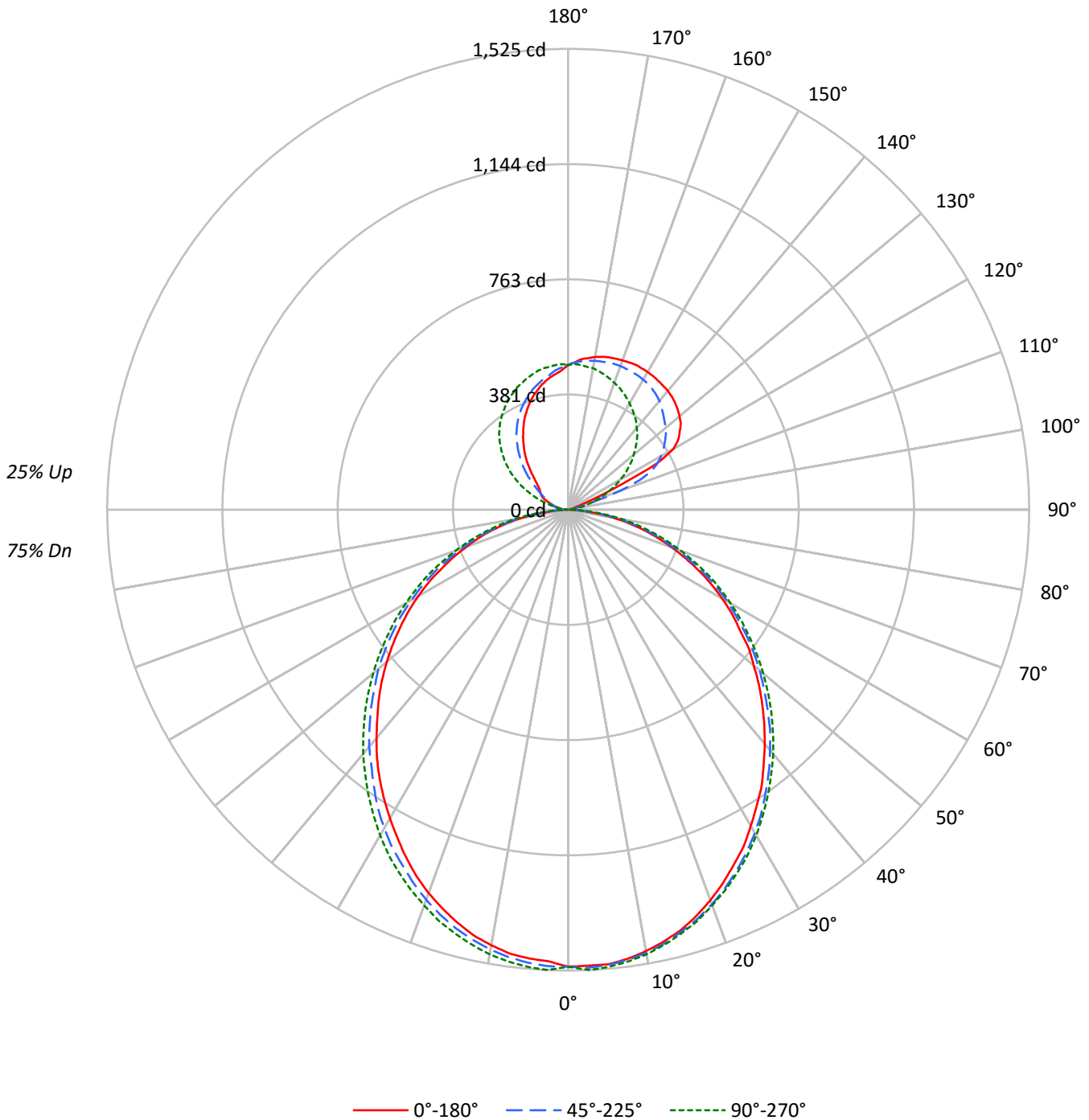
Input Watts (W): 50.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	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°	16275	16275	16275
5°	16318	16415	16104
10°	16211	16329	15995
15°	16047	16167	15766
20°	15753	15959	15464
25°	15392	15734	15071
30°	15012	15459	14654
35°	14665	15138	14286
40°	14214	14821	13860
45°	13810	14467	13481
50°	13413	14107	13112
55°	13005	13714	12735
60°	12671	13369	12323
65°	12149	13020	11782
70°	11500	12463	11216
75°	10705	11903	10705
80°	9372	11046	9484
85°	6225	9337	6447



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.8	2.7
10°-20°	404.5	7.5
20°-30°	598.9	11.1
30°-40°	702.9	13.1
40°-50°	712.3	13.2
50°-60°	635.3	11.8
60°-70°	484.8	9.0
70°-80°	285.0	5.3
80°-90°	75.3	1.4
90°-100°	13.9	0.3
100°-110°	59.3	1.1
110°-120°	164.8	3.1
120°-130°	235.8	4.4
130°-140°	254.2	4.7
140°-150°	241.7	4.5
150°-160°	198.6	3.7
160°-170°	130.3	2.4
170°-180°	45.3	0.8
0°-30°	1146.2	21.3
0°-40°	1849.2	34.3
0°-60°	3196.8	59.4
0°-90°	4041.9	75.1
90°-120°	237.9	4.4
90°-150°	969.6	18.0
90°-180°	1344.0	25.0
0°-180°	5385.6	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1512	1512	1512	1512	1512	
5°	1510	1512	1519	1505	1490	143
15°	1440	1445	1451	1435	1415	405
25°	1296	1318	1325	1298	1269	597
35°	1116	1139	1152	1120	1087	696
45°	907	932	950	922	886	700
55°	693	718	731	709	679	622
65°	477	495	511	488	463	472
75°	257	270	286	268	257	272
85°	50	61	76	59	52	62
90°	2	2	2	4	4	2
95°	4	4	11	18	16	4
105°	16	43	65	45	50	18
115°	169	302	153	81	92	192
125°	450	391	243	133	115	401
135°	500	445	320	216	171	386
145°	520	486	382	299	256	326
155°	529	502	428	367	338	244
165°	522	504	463	421	405	148
175°	500	493	481	464	452	48
180°	479	479	479	479	479	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1512.0	1512.0	1512.0	1512.0	1512.0	1512.0	1512.0	1512.0	1512.0	1512.0	1512.0
2.5°	1510.2	1508.4	1508.4	1508.4	1513.8	1513.8	1512.0	1512.0	1513.8	1521.0	1517.4
5°	1510.2	1508.4	1508.4	1504.8	1508.4	1508.4	1506.6	1506.6	1508.4	1515.6	1512.0
7.5°	1499.4	1499.4	1497.6	1495.8	1497.6	1497.6	1497.6	1495.8	1497.6	1506.6	1503.0
10°	1483.2	1483.2	1481.4	1479.6	1481.4	1481.4	1481.4	1481.4	1483.2	1492.2	1488.6
12.5°	1463.4	1463.4	1461.6	1459.8	1463.4	1463.4	1461.6	1461.6	1463.4	1474.2	1470.6
15°	1440.0	1440.0	1440.0	1438.2	1441.8	1440.0	1440.0	1440.0	1440.0	1449.0	1445.4
17.5°	1409.4	1409.4	1409.4	1409.4	1413.0	1413.0	1413.0	1411.2	1413.0	1422.0	1420.2
20°	1375.2	1375.2	1375.2	1375.2	1377.0	1378.8	1377.0	1378.8	1378.8	1389.6	1389.6
22.5°	1337.4	1337.4	1335.6	1335.6	1337.4	1341.0	1339.2	1339.2	1341.0	1351.8	1355.4
25°	1296.0	1296.0	1296.0	1297.8	1299.6	1301.4	1299.6	1303.2	1303.2	1314.0	1317.6
27.5°	1256.4	1252.8	1254.6	1254.6	1256.4	1258.2	1258.2	1261.8	1263.6	1272.6	1278.0
30°	1207.8	1206.0	1207.8	1209.6	1209.6	1213.2	1215.0	1216.8	1218.6	1224.0	1234.8
32.5°	1161.0	1161.0	1162.8	1162.8	1164.6	1166.4	1170.0	1171.8	1171.8	1177.2	1189.8
35°	1116.0	1112.4	1112.4	1114.2	1117.8	1119.6	1119.6	1123.2	1123.2	1130.4	1139.4
37.5°	1062.0	1062.0	1065.6	1065.6	1065.6	1069.2	1069.2	1072.8	1074.6	1080.0	1090.8
40°	1011.6	1009.8	1013.4	1013.4	1015.2	1017.0	1020.6	1022.4	1026.0	1029.6	1038.6
42.5°	959.4	959.4	961.2	963.0	964.8	966.6	970.2	972.0	973.8	977.4	988.2
45°	907.2	907.2	909.0	910.8	912.6	912.6	916.2	919.8	923.4	928.8	932.4
47.5°	855.0	855.0	856.8	856.8	858.6	860.4	862.2	865.8	869.4	874.8	878.4
50°	801.0	801.0	804.6	804.6	808.2	806.4	810.0	811.8	817.2	820.8	826.2
52.5°	752.4	747.0	748.8	750.6	754.2	756.0	757.8	757.8	761.4	766.8	772.2
55°	693.0	694.8	696.6	696.6	700.2	700.2	703.8	703.8	707.4	712.8	718.2
57.5°	642.6	642.6	640.8	644.4	646.2	646.2	648.0	648.0	653.4	657.0	660.6
60°	588.6	585.0	586.8	588.6	590.4	588.6	594.0	594.0	597.6	601.2	608.4
62.5°	532.8	532.8	531.0	532.8	534.6	534.6	538.2	538.2	543.6	543.6	550.8
65°	477.0	475.2	475.2	477.0	480.6	480.6	482.4	484.2	486.0	487.8	495.0
67.5°	419.4	419.4	417.6	421.2	421.2	421.2	424.8	424.8	426.6	428.4	433.8
70°	365.4	363.6	363.6	367.2	365.4	367.2	370.8	370.8	374.4	374.4	378.0
72.5°	311.4	309.6	309.6	307.8	315.0	313.2	315.0	316.8	316.8	318.6	324.0
75°	257.4	257.4	255.6	255.6	257.4	259.2	261.0	262.8	264.6	264.6	270.0
77.5°	203.4	203.4	201.6	207.0	207.0	207.0	208.8	208.8	212.4	212.4	216.0
80°	151.2	149.4	149.4	151.2	154.8	154.8	154.8	156.6	158.4	162.0	163.8
82.5°	99.0	99.0	99.0	100.8	102.6	104.4	104.4	104.4	106.2	109.8	111.6
85°	50.4	50.4	50.4	50.4	54.0	54.0	54.0	55.8	59.4	59.4	61.2
87.5°	9.0	9.0	9.0	9.0	10.8	10.8	10.8	10.8	10.8	14.4	16.2
90°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
92.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
95°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
97.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	7.2	7.2	7.2
100°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	10.8	12.6
102.5°	10.8	10.8	10.8	10.8	12.6	12.6	12.6	14.4	14.4	18.0	21.6
105°	16.2	16.2	16.2	16.2	16.2	18.0	18.0	19.8	23.4	30.6	43.2
107.5°	21.6	21.6	21.6	23.4	25.2	27.0	28.8	36.0	46.8	66.6	95.4
110°	32.4	34.2	36.0	39.6	46.8	50.4	55.8	75.6	106.2	147.6	181.8



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	66.6	70.2	77.4	88.2	111.6	124.2	140.4	181.8	217.8	248.4	257.4
115°	169.2	185.4	194.4	210.6	244.8	257.4	271.8	291.6	307.8	311.4	302.4
117.5°	331.2	331.2	331.2	342.0	351.0	354.6	356.4	356.4	351.0	345.6	333.0
120°	401.4	401.4	399.6	399.6	397.8	396.0	392.4	387.0	378.0	369.0	354.6
122.5°	432.0	432.0	428.4	424.8	421.2	417.6	414.0	408.6	397.8	388.8	374.4
125°	450.0	450.0	446.4	442.8	439.2	435.6	432.0	424.8	415.8	405.0	390.6
127.5°	469.8	468.0	464.4	459.0	453.6	450.0	446.4	439.2	430.2	419.4	406.8
130°	480.6	480.6	477.0	473.4	469.8	466.2	462.6	451.8	441.0	432.0	421.2
132.5°	491.4	489.6	487.8	484.2	478.8	477.0	473.4	466.2	453.6	442.8	432.0
135°	500.4	498.6	496.8	493.2	489.6	486.0	484.2	477.0	468.0	453.6	444.6
137.5°	507.6	505.8	504.0	502.2	496.8	495.0	491.4	486.0	477.0	468.0	457.2
140°	513.0	509.4	509.4	507.6	502.2	500.4	498.6	491.4	484.2	477.0	469.8
142.5°	516.6	514.8	514.8	513.0	507.6	507.6	504.0	498.6	491.4	486.0	478.8
145°	520.2	518.4	518.4	516.6	513.0	513.0	509.4	504.0	496.8	491.4	486.0
147.5°	523.8	522.0	522.0	520.2	518.4	516.6	514.8	509.4	502.2	496.8	493.2
150°	525.6	525.6	523.8	522.0	520.2	518.4	516.6	511.2	505.8	502.2	496.8
152.5°	527.4	527.4	525.6	525.6	522.0	522.0	518.4	514.8	509.4	505.8	500.4
155°	529.2	529.2	527.4	525.6	523.8	522.0	520.2	514.8	509.4	507.6	502.2
157.5°	527.4	527.4	527.4	525.6	523.8	522.0	518.4	514.8	511.2	509.4	504.0
160°	525.6	527.4	525.6	523.8	522.0	522.0	520.2	514.8	511.2	511.2	505.8
162.5°	523.8	525.6	523.8	523.8	522.0	520.2	518.4	514.8	511.2	509.4	505.8
165°	522.0	522.0	522.0	520.2	518.4	516.6	516.6	511.2	509.4	509.4	504.0
167.5°	518.4	518.4	516.6	514.8	513.0	513.0	511.2	507.6	507.6	507.6	502.2
170°	513.0	513.0	511.2	509.4	509.4	507.6	507.6	504.0	504.0	504.0	500.4
172.5°	505.8	505.8	505.8	504.0	504.0	502.2	502.2	498.6	498.6	500.4	496.8
175°	500.4	498.6	498.6	496.8	496.8	496.8	495.0	493.2	495.0	495.0	493.2
177.5°	487.8	487.8	487.8	487.8	489.6	489.6	489.6	487.8	487.8	489.6	487.8
180°	478.8	478.8	478.8	478.8	478.8	478.8	478.8	478.8	478.8	478.8	478.8



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1512.0	1512.0	1512.0	1512.0	1512.0	1512.0	1512.0	1512.0	1512.0	1512.0	1512.0
2.5°	1506.6	1503.0	1503.0	1508.4	1510.2	1512.0	1513.8	1521.0	1522.8	1524.6	1522.8
5°	1503.0	1499.4	1497.6	1503.0	1504.8	1506.6	1508.4	1513.8	1517.4	1519.2	1515.6
7.5°	1492.2	1488.6	1488.6	1494.0	1494.0	1497.6	1497.6	1504.8	1506.6	1508.4	1506.6
10°	1479.6	1476.0	1474.2	1479.6	1481.4	1483.2	1483.2	1488.6	1492.2	1494.0	1490.4
12.5°	1459.8	1456.2	1454.4	1459.8	1461.6	1463.4	1465.2	1470.6	1472.4	1474.2	1472.4
15°	1438.2	1432.8	1431.0	1438.2	1440.0	1441.8	1441.8	1447.2	1449.0	1450.8	1449.0
17.5°	1411.2	1405.8	1405.8	1409.4	1414.8	1414.8	1414.8	1420.2	1423.8	1425.6	1422.0
20°	1382.4	1377.0	1375.2	1380.6	1382.4	1386.0	1386.0	1389.6	1393.2	1393.2	1393.2
22.5°	1348.2	1342.8	1341.0	1346.4	1348.2	1350.0	1351.8	1355.4	1359.0	1360.8	1357.2
25°	1312.2	1306.8	1305.0	1310.4	1312.2	1314.0	1315.8	1323.0	1323.0	1324.8	1321.2
27.5°	1270.8	1267.2	1263.6	1269.0	1274.4	1276.2	1276.2	1281.6	1283.4	1287.0	1281.6
30°	1229.4	1224.0	1222.2	1225.8	1231.2	1233.0	1233.0	1240.2	1242.0	1243.8	1238.4
32.5°	1186.2	1180.8	1179.0	1182.6	1188.0	1189.8	1189.8	1195.2	1197.0	1198.8	1195.2
35°	1139.4	1135.8	1132.2	1135.8	1139.4	1143.0	1143.0	1148.4	1150.2	1152.0	1148.4
37.5°	1094.4	1089.0	1085.4	1087.2	1090.8	1096.2	1096.2	1103.4	1103.4	1103.4	1099.8
40°	1045.8	1038.6	1036.8	1036.8	1042.2	1045.8	1045.8	1053.0	1053.0	1054.8	1049.4
42.5°	995.4	990.0	988.2	986.4	991.8	993.6	995.4	1002.6	1000.8	1002.6	997.2
45°	943.2	937.8	937.8	937.8	939.6	943.2	945.0	948.6	950.4	950.4	946.8
47.5°	887.4	885.6	885.6	885.6	889.2	889.2	891.0	894.6	894.6	896.4	892.8
50°	833.4	833.4	831.6	833.4	835.2	835.2	838.8	842.4	842.4	842.4	838.8
52.5°	775.8	777.6	777.6	779.4	781.2	781.2	786.6	790.2	790.2	786.6	783.0
55°	720.0	723.6	723.6	727.2	727.2	729.0	729.0	732.6	732.6	730.8	727.2
57.5°	666.0	667.8	667.8	671.4	673.2	673.2	676.8	680.4	680.4	676.8	673.2
60°	610.2	613.8	612.0	615.6	619.2	619.2	619.2	624.6	621.0	621.0	619.2
62.5°	554.4	554.4	556.2	559.8	561.6	561.6	565.2	568.8	568.8	565.2	563.4
65°	498.6	500.4	500.4	504.0	505.8	507.6	507.6	511.2	509.4	511.2	507.6
67.5°	439.2	441.0	441.0	442.8	446.4	446.4	450.0	451.8	453.6	451.8	450.0
70°	381.6	381.6	387.0	387.0	390.6	390.6	396.0	396.0	399.6	396.0	394.2
72.5°	325.8	327.6	333.0	331.2	334.8	334.8	340.2	342.0	343.8	340.2	342.0
75°	271.8	271.8	277.2	277.2	280.8	280.8	286.2	286.2	288.0	286.2	284.4
77.5°	217.8	217.8	221.4	223.2	225.0	226.8	230.4	230.4	234.0	232.2	234.0
80°	165.6	167.4	169.2	172.8	172.8	174.6	174.6	178.2	180.0	178.2	180.0
82.5°	113.4	117.0	118.8	118.8	120.6	124.2	126.0	126.0	127.8	126.0	129.6
85°	63.0	64.8	68.4	72.0	72.0	73.8	75.6	77.4	77.4	75.6	75.6
87.5°	18.0	19.8	25.2	25.2	25.2	28.8	30.6	30.6	32.4	30.6	34.2
90°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
92.5°	1.8	1.8	1.8	3.6	3.6	3.6	5.4	5.4	5.4	3.6	5.4
95°	5.4	5.4	7.2	10.8	12.6	14.4	16.2	16.2	12.6	10.8	10.8
97.5°	9.0	10.8	16.2	23.4	27.0	30.6	32.4	28.8	23.4	19.8	18.0
100°	16.2	23.4	34.2	46.8	50.4	54.0	52.2	46.8	39.6	32.4	28.8
102.5°	32.4	46.8	66.6	82.8	82.8	82.8	77.4	68.4	57.6	46.8	41.4
105°	68.4	93.6	115.2	122.4	118.8	117.0	104.4	91.8	77.4	64.8	57.6
107.5°	136.8	158.4	163.8	160.2	153.0	147.6	131.4	117.0	99.0	84.6	75.6
110°	208.8	210.6	205.2	192.6	183.6	176.4	158.4	142.2	124.2	108.0	93.6



TEST NUMBER: P303079

CATALOG NUMBER: CTW-F-2575-30L940-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	259.2	250.2	237.6	221.4	210.6	203.4	185.4	167.4	147.6	131.4	115.2
115°	293.4	279.0	264.6	244.8	237.6	228.6	210.6	192.6	172.8	153.0	138.6
117.5°	318.6	302.4	288.0	270.0	261.0	252.0	234.0	214.2	194.4	178.2	162.0
120°	340.2	325.8	309.6	291.6	284.4	275.4	257.4	237.6	217.8	199.8	183.6
122.5°	360.0	345.6	329.4	313.2	304.2	297.0	279.0	259.2	239.4	223.2	207.0
125°	378.0	363.6	349.2	331.2	324.0	315.0	297.0	277.2	261.0	243.0	226.8
127.5°	394.2	379.8	365.4	349.2	342.0	333.0	315.0	297.0	280.8	264.6	248.4
130°	410.4	396.0	381.6	365.4	356.4	349.2	333.0	315.0	298.8	282.6	268.2
132.5°	423.0	410.4	394.2	379.8	370.8	363.6	349.2	333.0	318.6	302.4	288.0
135°	435.6	421.2	408.6	392.4	385.2	378.0	363.6	349.2	334.8	320.4	306.0
137.5°	446.4	432.0	419.4	403.2	397.8	392.4	378.0	363.6	351.0	338.4	324.0
140°	457.2	442.8	428.4	414.0	408.6	403.2	390.6	378.0	365.4	352.8	342.0
142.5°	468.0	450.0	435.6	423.0	419.4	414.0	401.4	390.6	379.8	369.0	356.4
145°	475.2	459.0	442.8	433.8	428.4	423.0	412.2	401.4	392.4	381.6	370.8
147.5°	482.4	468.0	453.6	441.0	437.4	432.0	423.0	414.0	405.0	394.2	383.4
150°	486.0	473.4	460.8	451.8	446.4	441.0	432.0	423.0	415.8	406.8	396.0
152.5°	491.4	478.8	469.8	459.0	457.2	450.0	441.0	435.6	426.6	417.6	408.6
155°	493.2	482.4	475.2	468.0	466.2	459.0	450.0	442.8	435.6	428.4	419.4
157.5°	495.0	486.0	477.0	473.4	469.8	468.0	459.0	451.8	444.6	439.2	430.2
160°	496.8	487.8	480.6	477.0	475.2	471.6	466.2	462.6	451.8	446.4	437.4
162.5°	496.8	489.6	484.2	480.6	478.8	477.0	471.6	468.0	462.6	455.4	446.4
165°	496.8	491.4	486.0	484.2	482.4	480.6	475.2	473.4	468.0	462.6	455.4
167.5°	496.8	491.4	487.8	486.0	484.2	482.4	478.8	477.0	473.4	469.8	464.4
170°	495.0	491.4	487.8	486.0	486.0	484.2	480.6	480.6	477.0	475.2	469.8
172.5°	491.4	489.6	486.0	486.0	486.0	484.2	480.6	480.6	478.8	477.0	473.4
175°	487.8	486.0	484.2	484.2	484.2	482.4	480.6	482.4	480.6	480.6	477.0
177.5°	482.4	480.6	480.6	480.6	480.6	480.6	480.6	480.6	480.6	482.4	478.8
180°	478.8	478.8	478.8	478.8	478.8	478.8	478.8	478.8	478.8	478.8	478.8



TEST NUMBER: P303079

CATALOG NUMBER: CTW-F-2575-30L940-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1512.0	1512.0	1512.0	1512.0	1512.0	1512.0	1512.0	1512.0	1512.0	1512.0	1512.0
2.5°	1512.0	1504.8	1504.8	1504.8	1508.4	1510.2	1510.2	1504.8	1512.0	1517.4	1512.0
5°	1504.8	1497.6	1497.6	1499.4	1501.2	1503.0	1503.0	1497.6	1504.8	1510.2	1503.0
7.5°	1495.8	1486.8	1486.8	1488.6	1490.4	1492.2	1492.2	1486.8	1494.0	1497.6	1490.4
10°	1479.6	1472.4	1470.6	1472.4	1476.0	1477.8	1476.0	1470.6	1477.8	1481.4	1476.0
12.5°	1459.8	1452.6	1452.6	1452.6	1456.2	1456.2	1456.2	1449.0	1458.0	1459.8	1452.6
15°	1436.4	1429.2	1429.2	1429.2	1431.0	1432.8	1431.0	1425.6	1434.6	1434.6	1427.4
17.5°	1409.4	1404.0	1400.4	1404.0	1404.0	1405.8	1402.2	1396.8	1405.8	1405.8	1400.4
20°	1380.6	1373.4	1371.6	1371.6	1373.4	1375.2	1369.8	1366.2	1373.4	1373.4	1366.2
22.5°	1344.6	1339.2	1337.4	1337.4	1339.2	1339.2	1333.8	1330.2	1337.4	1335.6	1328.4
25°	1308.6	1303.2	1301.4	1303.2	1303.2	1303.2	1296.0	1294.2	1297.8	1296.0	1288.8
27.5°	1269.0	1263.6	1261.8	1263.6	1263.6	1263.6	1256.4	1254.6	1260.0	1254.6	1247.4
30°	1225.8	1220.4	1218.6	1220.4	1222.2	1218.6	1211.4	1213.2	1216.8	1209.6	1204.2
32.5°	1186.2	1177.2	1175.4	1177.2	1179.0	1177.2	1170.0	1168.2	1171.8	1164.6	1157.4
35°	1137.6	1130.4	1132.2	1134.0	1132.2	1130.4	1121.4	1123.2	1119.6	1116.0	1108.8
37.5°	1090.8	1083.6	1083.6	1085.4	1085.4	1081.8	1074.6	1074.6	1069.2	1067.4	1060.2
40°	1042.2	1035.0	1035.0	1036.8	1036.8	1031.4	1026.0	1027.8	1024.2	1017.0	1009.8
42.5°	988.2	984.6	986.4	986.4	988.2	981.0	977.4	977.4	972.0	964.8	959.4
45°	937.8	932.4	936.0	937.8	937.8	930.6	928.8	923.4	921.6	916.2	909.0
47.5°	883.8	882.0	885.6	885.6	885.6	878.4	876.6	871.2	867.6	864.0	856.8
50°	831.6	829.8	833.4	833.4	833.4	824.4	826.2	817.2	819.0	810.0	804.6
52.5°	779.4	779.4	779.4	779.4	777.6	772.2	770.4	765.0	763.2	756.0	752.4
55°	723.6	723.6	727.2	725.4	723.6	720.0	716.4	709.2	709.2	702.0	696.6
57.5°	673.2	673.2	673.2	669.6	669.6	666.0	660.6	657.0	655.2	648.0	644.4
60°	617.4	619.2	615.6	613.8	613.8	610.2	606.6	604.8	599.4	592.2	590.4
62.5°	563.4	565.2	563.4	559.8	558.0	554.4	552.6	549.0	543.6	536.4	536.4
65°	505.8	507.6	507.6	502.2	502.2	500.4	498.6	493.2	487.8	482.4	480.6
67.5°	450.0	451.8	444.6	442.8	442.8	442.8	435.6	435.6	430.2	424.8	426.6
70°	396.0	394.2	392.4	387.0	388.8	385.2	381.6	379.8	374.4	370.8	370.8
72.5°	342.0	338.4	336.6	334.8	333.0	331.2	327.6	325.8	322.2	316.8	316.8
75°	288.0	284.4	282.6	280.8	279.0	277.2	271.8	271.8	268.2	264.6	264.6
77.5°	232.2	228.6	228.6	226.8	225.0	221.4	217.8	219.6	216.0	212.4	212.4
80°	178.2	176.4	176.4	174.6	171.0	169.2	169.2	167.4	163.8	158.4	158.4
82.5°	126.0	126.0	124.2	122.4	120.6	118.8	117.0	115.2	111.6	106.2	106.2
85°	77.4	75.6	75.6	73.8	72.0	68.4	64.8	63.0	59.4	55.8	55.8
87.5°	32.4	28.8	27.0	25.2	23.4	21.6	21.6	18.0	16.2	16.2	12.6
90°	1.8	1.8	1.8	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
92.5°	7.2	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
95°	10.8	12.6	16.2	16.2	18.0	18.0	18.0	18.0	18.0	18.0	18.0
97.5°	16.2	18.0	19.8	21.6	21.6	25.2	25.2	27.0	27.0	27.0	27.0
100°	25.2	25.2	27.0	28.8	27.0	28.8	30.6	32.4	34.2	34.2	36.0
102.5°	37.8	34.2	32.4	34.2	36.0	37.8	36.0	37.8	37.8	39.6	41.4
105°	50.4	46.8	43.2	43.2	43.2	45.0	46.8	46.8	45.0	45.0	46.8
107.5°	66.6	59.4	54.0	54.0	52.2	52.2	54.0	57.6	57.6	55.8	55.8
110°	84.6	75.6	68.4	66.6	64.8	63.0	63.0	64.8	66.6	68.4	70.2



TEST NUMBER: P303079

CATALOG NUMBER: CTW-F-2575-30L940-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	104.4	93.6	84.6	81.0	79.2	73.8	72.0	72.0	73.8	77.4	79.2
115°	126.0	115.2	102.6	99.0	95.4	86.4	84.6	82.8	81.0	82.8	84.6
117.5°	147.6	135.0	122.4	117.0	111.6	102.6	97.2	93.6	91.8	91.8	91.8
120°	169.2	156.6	142.2	136.8	131.4	122.4	113.4	106.2	102.6	100.8	100.8
122.5°	190.8	178.2	165.6	158.4	153.0	140.4	133.2	122.4	117.0	111.6	109.8
125°	212.4	199.8	187.2	180.0	174.6	162.0	151.2	142.2	133.2	126.0	122.4
127.5°	232.2	219.6	208.8	201.6	196.2	181.8	172.8	163.8	153.0	144.0	138.6
130°	253.8	239.4	228.6	223.2	217.8	203.4	192.6	181.8	174.6	165.6	156.6
132.5°	273.6	261.0	248.4	243.0	237.6	225.0	216.0	203.4	194.4	187.2	178.2
135°	291.6	279.0	268.2	262.8	257.4	244.8	235.8	225.0	216.0	207.0	199.8
137.5°	309.6	297.0	286.2	282.6	277.2	264.6	255.6	246.6	235.8	228.6	219.6
140°	325.8	315.0	304.2	300.6	295.2	284.4	275.4	266.4	257.4	248.4	241.2
142.5°	342.0	331.2	320.4	316.8	311.4	302.4	293.4	286.2	277.2	270.0	262.8
145°	356.4	345.6	336.6	333.0	327.6	320.4	309.6	304.2	298.8	289.8	282.6
147.5°	370.8	360.0	351.0	347.4	345.6	336.6	327.6	322.2	316.8	309.6	302.4
150°	383.4	374.4	365.4	363.6	360.0	352.8	343.8	338.4	334.8	327.6	322.2
152.5°	397.8	387.0	379.8	378.0	374.4	367.2	360.0	354.6	351.0	343.8	338.4
155°	408.6	399.6	392.4	390.6	387.0	381.6	374.4	369.0	367.2	360.0	354.6
157.5°	419.4	410.4	405.0	401.4	399.6	396.0	388.8	383.4	381.6	376.2	370.8
160°	428.4	421.2	415.8	414.0	412.2	406.8	401.4	396.0	396.0	392.4	387.0
162.5°	437.4	430.2	426.6	424.8	423.0	419.4	414.0	410.4	410.4	405.0	401.4
165°	446.4	439.2	435.6	433.8	433.8	430.2	426.6	421.2	421.2	419.4	415.8
167.5°	455.4	446.4	444.6	442.8	442.8	441.0	437.4	433.8	432.0	432.0	426.6
170°	462.6	455.4	451.8	450.0	450.0	448.2	444.6	442.8	442.8	442.8	439.2
172.5°	468.0	462.6	460.8	460.8	460.8	459.0	457.2	451.8	451.8	455.4	448.2
175°	471.6	468.0	468.0	468.0	468.0	466.2	464.4	462.6	464.4	466.2	462.6
177.5°	475.2	471.6	471.6	471.6	473.4	473.4	471.6	469.8	471.6	473.4	471.6
180°	478.8	478.8	478.8	478.8	478.8	478.8	478.8	478.8	478.8	478.8	478.8



TEST NUMBER: P303079

CATALOG NUMBER: CTW-F-2575-30L940-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	1512.0	1512.0	1512.0	1512.0	1512.0	1512.0	1512.0	1512.0
2.5°	1512.0	1510.2	1508.4	1508.4	1510.2	1503.0	1495.8	1495.8
5°	1503.0	1501.2	1499.4	1499.4	1501.2	1495.8	1490.4	1490.4
7.5°	1490.4	1488.6	1486.8	1488.6	1492.2	1486.8	1481.4	1481.4
10°	1474.2	1470.6	1468.8	1468.8	1472.4	1467.0	1463.4	1463.4
12.5°	1450.8	1449.0	1445.4	1447.2	1449.0	1445.4	1440.0	1443.6
15°	1425.6	1423.8	1422.0	1423.8	1425.6	1420.2	1414.8	1414.8
17.5°	1398.6	1396.8	1393.2	1396.8	1396.8	1389.6	1384.2	1384.2
20°	1364.4	1360.8	1359.0	1360.8	1360.8	1353.6	1350.0	1350.0
22.5°	1324.8	1321.2	1319.4	1321.2	1319.4	1314.0	1310.4	1312.2
25°	1283.4	1279.8	1279.8	1279.8	1279.8	1272.6	1269.0	1269.0
27.5°	1242.0	1238.4	1236.6	1238.4	1236.6	1229.4	1224.0	1224.0
30°	1198.8	1191.6	1191.6	1193.4	1191.6	1184.4	1179.0	1179.0
32.5°	1152.0	1146.6	1148.4	1148.4	1144.8	1137.6	1134.0	1134.0
35°	1103.4	1099.8	1101.6	1099.8	1096.2	1090.8	1087.2	1087.2
37.5°	1053.0	1051.2	1051.2	1053.0	1045.8	1040.4	1038.6	1038.6
40°	1002.6	1000.8	1000.8	1002.6	995.4	990.0	990.0	986.4
42.5°	952.2	950.4	952.2	950.4	945.0	939.6	937.8	934.2
45°	901.8	901.8	900.0	900.0	892.8	889.2	889.2	885.6
47.5°	849.6	849.6	847.8	844.2	840.6	838.8	835.2	835.2
50°	799.2	797.4	795.6	795.6	790.2	786.6	786.6	783.0
52.5°	745.2	745.2	745.2	741.6	736.2	732.6	734.4	730.8
55°	693.0	691.2	691.2	689.4	685.8	680.4	682.2	678.6
57.5°	642.6	639.0	635.4	635.4	631.8	626.4	626.4	626.4
60°	585.0	585.0	583.2	581.4	579.6	574.2	576.0	572.4
62.5°	534.6	529.2	529.2	527.4	525.6	520.2	523.8	520.2
65°	478.8	475.2	473.4	471.6	468.0	464.4	466.2	462.6
67.5°	419.4	417.6	417.6	415.8	414.0	410.4	414.0	410.4
70°	367.2	363.6	363.6	361.8	360.0	358.2	360.0	356.4
72.5°	313.2	313.2	311.4	309.6	307.8	307.8	307.8	309.6
75°	261.0	257.4	257.4	257.4	255.6	255.6	255.6	257.4
77.5°	210.6	207.0	205.2	203.4	203.4	203.4	203.4	205.2
80°	154.8	154.8	153.0	151.2	151.2	151.2	151.2	153.0
82.5°	102.6	102.6	100.8	99.0	99.0	99.0	97.2	99.0
85°	55.8	54.0	52.2	52.2	52.2	52.2	52.2	52.2
87.5°	14.4	12.6	12.6	12.6	14.4	14.4	12.6	14.4
90°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
92.5°	9.0	9.0	9.0	9.0	9.0	7.2	7.2	7.2
95°	18.0	18.0	18.0	16.2	16.2	16.2	16.2	16.2
97.5°	27.0	27.0	27.0	27.0	27.0	25.2	25.2	25.2
100°	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
102.5°	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
105°	46.8	48.6	48.6	48.6	50.4	50.4	50.4	50.4
107.5°	55.8	55.8	55.8	55.8	55.8	55.8	57.6	55.8
110°	68.4	66.6	66.6	64.8	64.8	64.8	64.8	64.8



TEST NUMBER: P303079

CATALOG NUMBER: CTW-F-2575-30L940-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	79.2	81.0	81.0	81.0	81.0	79.2	77.4	77.4
115°	88.2	90.0	90.0	90.0	90.0	91.8	91.8	91.8
117.5°	93.6	95.4	97.2	97.2	99.0	99.0	99.0	99.0
120°	100.8	102.6	102.6	102.6	104.4	104.4	104.4	104.4
122.5°	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8
125°	120.6	118.8	118.8	117.0	117.0	117.0	115.2	115.2
127.5°	133.2	131.4	129.6	127.8	126.0	126.0	124.2	124.2
130°	151.2	147.6	144.0	144.0	140.4	136.8	136.8	135.0
132.5°	171.0	165.6	163.8	162.0	156.6	153.0	153.0	151.2
135°	192.6	187.2	185.4	183.6	176.4	172.8	172.8	171.0
137.5°	214.2	208.8	207.0	205.2	199.8	196.2	194.4	192.6
140°	234.0	228.6	226.8	225.0	221.4	217.8	216.0	214.2
142.5°	253.8	250.2	248.4	246.6	241.2	237.6	235.8	235.8
145°	275.4	270.0	270.0	266.4	262.8	259.2	257.4	255.6
147.5°	297.0	291.6	289.8	288.0	284.4	279.0	277.2	277.2
150°	315.0	311.4	309.6	307.8	304.2	300.6	298.8	297.0
152.5°	333.0	329.4	329.4	327.6	324.0	320.4	318.6	318.6
155°	351.0	345.6	345.6	345.6	342.0	340.2	338.4	338.4
157.5°	367.2	363.6	361.8	361.8	360.0	358.2	354.6	356.4
160°	383.4	381.6	378.0	378.0	378.0	374.4	372.6	374.4
162.5°	399.6	397.8	396.0	396.0	394.2	392.4	390.6	390.6
165°	412.2	410.4	408.6	408.6	410.4	408.6	406.8	405.0
167.5°	424.8	423.0	421.2	421.2	423.0	421.2	419.4	419.4
170°	437.4	435.6	433.8	433.8	433.8	433.8	432.0	432.0
172.5°	448.2	446.4	446.4	444.6	446.4	444.6	442.8	442.8
175°	462.6	460.8	460.8	459.0	460.8	455.4	450.0	451.8
177.5°	471.6	471.6	469.8	469.8	469.8	466.2	462.6	462.6
180°	478.8	478.8	478.8	478.8	478.8	478.8	478.8	478.8

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