

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: P303089

Luminaire Tested: **CTW-F-2575-40L935-UNV-STD-6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303089
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-2575-40L935-UNV-STD-6
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 4000 LUMEN PACKAGE
Light Source: 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

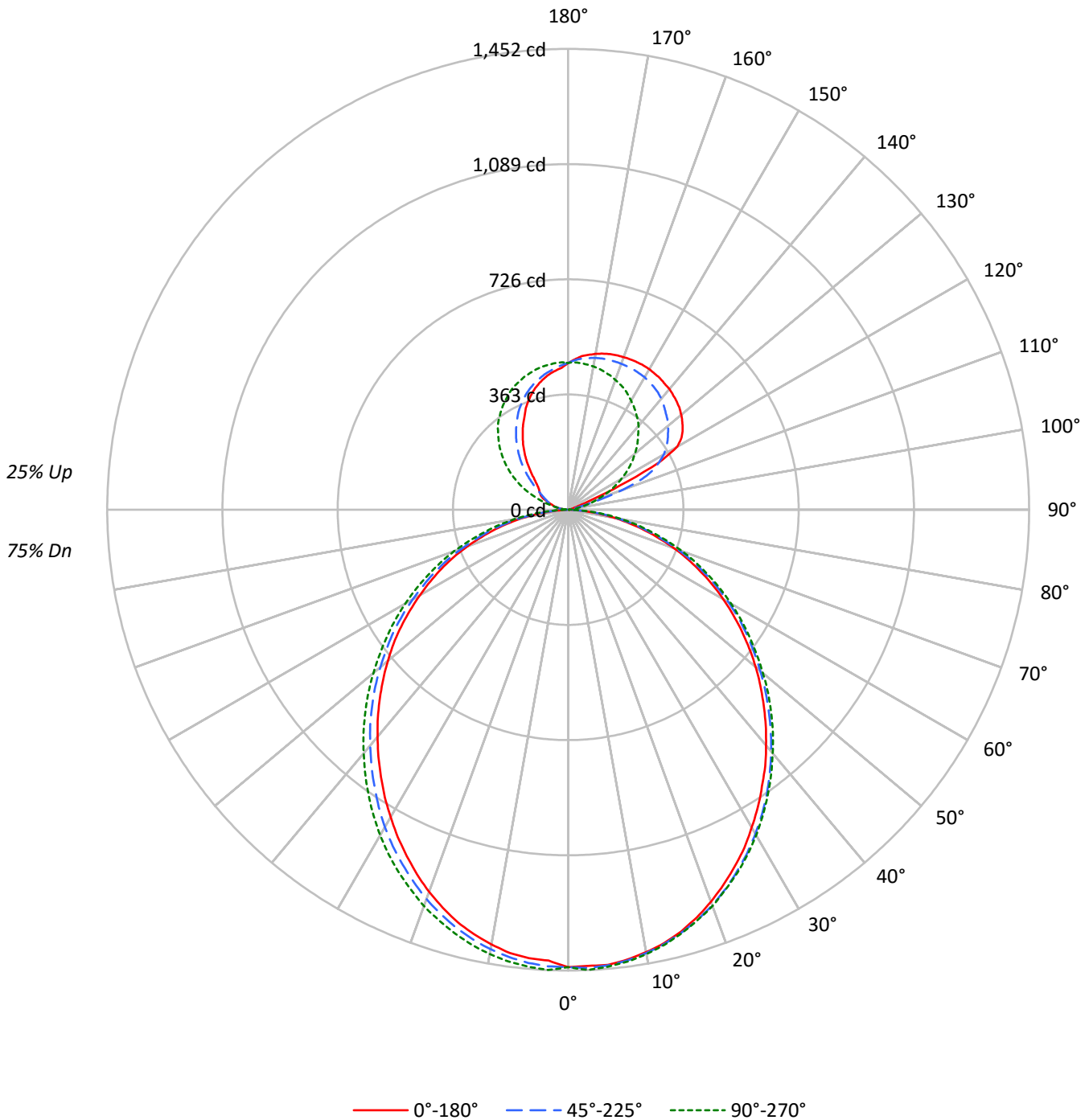
Lumens per Lamp: N/A
Luminaire Lumens: 5157.0 lumens
Efficiency: N/A
Efficacy: 100.5 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32
Luminous Opening: Rectangular (W 6' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

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°	20685	20685	20685
5°	20746	20821	20430
10°	20628	20722	20270
15°	20436	20533	19995
20°	20079	20298	19568
25°	19654	19981	19061
30°	19156	19626	18534
35°	18645	19211	18011
40°	18171	18776	17495
45°	17668	18350	17013
50°	17215	17878	16551
55°	16707	17418	16061
60°	16200	17016	15494
65°	15615	16535	14956
70°	14905	16042	14200
75°	13824	15111	13103
80°	12166	14092	11530
85°	8299	12120	7015



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.1	2.6
10°-20°	385.4	7.5
20°-30°	570.8	11.1
30°-40°	669.7	13.0
40°-50°	678.7	13.2
50°-60°	605.0	11.7
60°-70°	463.4	9.0
70°-80°	271.8	5.3
80°-90°	71.4	1.4
90°-100°	13.3	0.3
100°-110°	57.6	1.1
110°-120°	160.3	3.1
120°-130°	228.9	4.4
130°-140°	246.2	4.8
140°-150°	234.4	4.5
150°-160°	193.1	3.7
160°-170°	126.7	2.5
170°-180°	43.9	0.9
0°-30°	1092.2	21.2
0°-40°	1762.0	34.2
0°-60°	3045.7	59.1
0°-90°	3852.3	74.7
90°-120°	231.3	4.5
90°-150°	940.9	18.2
90°-180°	1305.0	25.3
0°-180°	5157.0	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1441	1441	1441	1441	1441	
5°	1440	1441	1445	1434	1418	137
15°	1375	1379	1382	1364	1346	387
25°	1241	1258	1262	1233	1204	571
35°	1064	1091	1096	1064	1028	666
45°	870	892	904	873	838	672
55°	668	687	696	672	642	597
65°	460	475	487	461	440	455
75°	249	262	272	252	236	263
85°	50	62	74	53	43	62
90°	1	1	1	3	4	2
95°	4	4	10	17	14	4
105°	16	41	62	45	49	17
115°	180	294	150	80	89	192
125°	440	382	235	129	112	392
135°	483	434	310	207	164	373
145°	505	471	372	287	247	316
155°	513	487	420	358	326	237
165°	508	490	448	412	398	144
175°	486	478	464	449	440	47
180°	462	462	462	462	462	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1441.3	1441.3	1441.3	1441.3	1441.3	1441.3	1441.3	1441.3	1441.3	1441.3	1441.3
2.5°	1438.7	1437.4	1438.7	1437.4	1441.3	1441.3	1441.3	1440.0	1442.6	1447.8	1445.2
5°	1440.0	1438.7	1437.4	1433.6	1436.1	1436.1	1436.1	1434.9	1437.4	1443.9	1441.3
7.5°	1429.7	1429.7	1428.4	1425.8	1428.4	1428.4	1427.1	1425.8	1428.4	1433.6	1432.3
10°	1415.5	1414.2	1412.9	1410.3	1414.2	1414.2	1414.2	1412.9	1415.5	1421.9	1418.1
12.5°	1398.7	1396.1	1394.8	1392.2	1396.1	1396.1	1396.1	1394.8	1397.4	1403.9	1401.3
15°	1375.4	1374.2	1374.2	1372.9	1376.7	1376.7	1376.7	1374.2	1376.7	1381.9	1379.3
17.5°	1347.0	1345.7	1348.3	1347.0	1349.6	1349.6	1349.6	1347.0	1348.3	1356.1	1354.8
20°	1314.7	1313.5	1313.5	1312.2	1316.0	1316.0	1317.3	1314.7	1318.6	1326.4	1326.4
22.5°	1278.6	1278.6	1279.9	1278.6	1281.2	1282.5	1281.2	1279.9	1283.8	1291.5	1294.1
25°	1241.1	1239.8	1239.8	1242.4	1243.7	1245.0	1245.0	1243.7	1246.3	1254.0	1257.9
27.5°	1201.1	1198.5	1201.1	1201.1	1203.7	1205.0	1206.3	1206.3	1208.8	1214.0	1220.5
30°	1155.9	1155.9	1157.2	1158.5	1158.5	1162.4	1163.6	1163.6	1166.2	1172.7	1179.1
32.5°	1112.0	1110.7	1113.3	1114.6	1115.9	1118.4	1118.4	1119.7	1121.0	1127.5	1136.5
35°	1064.2	1065.5	1065.5	1068.1	1070.7	1071.9	1073.2	1071.9	1075.8	1079.7	1091.3
37.5°	1019.0	1017.7	1017.7	1019.0	1022.9	1024.2	1025.5	1025.5	1028.0	1033.2	1043.5
40°	969.9	968.6	971.2	972.5	973.8	976.4	976.4	979.0	982.8	986.7	994.5
42.5°	920.8	919.5	922.1	923.4	926.0	927.3	927.3	929.9	933.8	938.9	944.1
45°	870.5	869.2	871.8	873.1	875.6	876.9	876.9	880.8	884.7	887.3	892.4
47.5°	821.4	820.1	821.4	824.0	826.6	827.9	827.9	830.4	833.0	838.2	842.1
50°	771.0	768.4	771.0	772.3	774.9	773.6	776.2	778.8	783.9	789.1	789.1
52.5°	719.4	716.8	719.4	720.7	723.2	724.5	724.5	725.8	732.3	736.2	738.7
55°	667.7	666.4	667.7	669.0	671.6	674.2	672.9	676.7	679.3	684.5	687.1
57.5°	616.0	614.8	616.0	617.3	619.9	621.2	621.2	625.1	626.4	630.3	636.7
60°	564.4	561.8	564.4	565.7	568.3	568.3	569.6	570.8	574.7	579.9	582.5
62.5°	512.7	512.7	512.7	512.7	515.3	515.3	519.2	520.5	520.5	525.6	529.5
65°	459.8	459.8	459.8	459.8	462.4	464.9	463.6	467.5	468.8	472.7	475.3
67.5°	408.1	406.8	408.1	408.1	410.7	412.0	412.0	414.6	415.9	417.2	423.6
70°	355.2	356.5	355.2	355.2	355.2	357.7	360.3	361.6	362.9	364.2	368.1
72.5°	300.9	299.6	300.9	300.9	300.9	303.5	304.8	307.4	307.4	310.0	312.5
75°	249.3	249.3	250.6	249.3	249.3	253.1	253.1	255.7	255.7	258.3	262.2
77.5°	197.6	200.2	198.9	198.9	198.9	201.5	201.5	204.1	205.3	206.6	210.5
80°	147.2	149.8	148.5	148.5	148.5	149.8	151.1	153.7	153.7	156.3	158.9
82.5°	98.2	98.2	99.4	99.4	99.4	100.7	103.3	104.6	104.6	107.2	109.8
85°	50.4	54.2	53.0	53.0	53.0	54.2	55.5	56.8	58.1	59.4	62.0
87.5°	10.3	11.6	11.6	10.3	12.9	11.6	12.9	14.2	14.2	15.5	18.1
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°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
95°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
97.5°	5.2	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	7.7
100°	7.7	7.7	7.7	7.7	7.7	9.0	9.0	9.0	9.0	10.3	11.6
102.5°	10.3	10.3	11.6	11.6	11.6	11.6	11.6	12.9	14.2	15.5	20.7
105°	15.5	14.2	15.5	15.5	15.5	16.8	16.8	19.4	22.0	28.4	41.3
107.5°	20.7	20.7	20.7	22.0	23.2	25.8	27.1	32.3	43.9	62.0	95.6
110°	32.3	31.0	33.6	36.2	43.9	47.8	54.2	73.6	104.6	142.1	182.1



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	68.4	67.2	76.2	85.2	102.0	117.5	138.2	176.9	217.0	241.5	251.8
115°	179.5	175.6	187.3	210.5	240.2	255.7	269.9	289.3	300.9	300.9	294.5
117.5°	324.2	319.0	331.9	338.4	344.8	350.0	350.0	350.0	344.8	335.8	322.9
120°	396.5	392.6	393.9	391.3	388.7	386.2	383.6	378.4	369.4	359.0	347.4
122.5°	423.6	422.3	419.7	415.9	412.0	408.1	405.5	399.1	390.0	378.4	366.8
125°	440.4	439.1	436.5	432.7	427.5	424.9	422.3	414.6	405.5	395.2	382.3
127.5°	453.3	453.3	449.4	446.9	441.7	439.1	435.2	428.8	419.7	408.1	396.5
130°	464.9	464.9	461.1	459.8	453.3	452.0	448.2	440.4	431.4	421.0	410.7
132.5°	475.3	474.0	472.7	470.1	464.9	462.4	459.8	453.3	443.0	432.7	423.6
135°	483.0	481.7	480.4	477.9	472.7	471.4	468.8	462.4	452.0	443.0	433.9
137.5°	489.5	489.5	486.9	485.6	480.4	479.1	476.6	470.1	461.1	453.3	445.6
140°	495.9	495.9	493.4	492.1	486.9	485.6	484.3	477.9	468.8	462.4	455.9
142.5°	499.8	501.1	498.5	497.2	492.1	490.8	489.5	483.0	476.6	470.1	464.9
145°	505.0	505.0	502.4	501.1	498.5	497.2	494.6	489.5	483.0	476.6	471.4
147.5°	507.6	508.9	506.3	505.0	502.4	501.1	498.5	493.4	486.9	481.7	476.6
150°	511.4	511.4	508.9	507.6	505.0	503.7	502.4	497.2	490.8	486.9	481.7
152.5°	512.7	512.7	510.1	508.9	506.3	505.0	503.7	498.5	493.4	489.5	484.3
155°	512.7	512.7	511.4	508.9	507.6	506.3	503.7	499.8	494.6	492.1	486.9
157.5°	512.7	511.4	511.4	508.9	507.6	505.0	503.7	498.5	495.9	493.4	488.2
160°	511.4	511.4	510.1	507.6	507.6	505.0	503.7	499.8	495.9	494.6	489.5
162.5°	510.1	508.9	508.9	506.3	506.3	505.0	502.4	499.8	495.9	494.6	489.5
165°	507.6	506.3	506.3	503.7	503.7	502.4	501.1	495.9	494.6	493.4	489.5
167.5°	503.7	502.4	501.1	498.5	498.5	497.2	495.9	492.1	490.8	490.8	488.2
170°	498.5	495.9	494.6	493.4	493.4	492.1	490.8	488.2	488.2	488.2	485.6
172.5°	492.1	489.5	489.5	488.2	486.9	486.9	485.6	483.0	483.0	483.0	481.7
175°	485.6	483.0	481.7	480.4	481.7	480.4	479.1	477.9	477.9	479.1	477.9
177.5°	474.0	471.4	472.7	472.7	472.7	472.7	471.4	471.4	471.4	471.4	471.4
180°	462.4	462.4	462.4	462.4	462.4	462.4	462.4	462.4	462.4	462.4	462.4



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1441.3	1441.3	1441.3	1441.3	1441.3	1441.3	1441.3	1441.3	1441.3	1441.3	1441.3
2.5°	1436.1	1432.3	1432.3	1437.4	1438.7	1441.3	1443.9	1449.1	1451.6	1451.6	1450.4
5°	1432.3	1428.4	1427.1	1432.3	1433.6	1436.1	1438.7	1443.9	1445.2	1445.2	1443.9
7.5°	1423.2	1419.4	1418.1	1423.2	1424.5	1427.1	1428.4	1433.6	1436.1	1436.1	1433.6
10°	1409.0	1405.2	1405.2	1410.3	1411.6	1412.9	1415.5	1419.4	1421.9	1421.9	1420.7
12.5°	1392.2	1388.4	1387.1	1392.2	1393.5	1394.8	1397.4	1402.6	1403.9	1403.9	1401.3
15°	1371.6	1366.4	1366.4	1371.6	1372.9	1374.2	1376.7	1380.6	1381.9	1381.9	1379.3
17.5°	1345.7	1343.2	1340.6	1345.7	1347.0	1348.3	1349.6	1354.8	1357.4	1356.1	1353.5
20°	1317.3	1313.5	1310.9	1317.3	1318.6	1319.9	1321.2	1326.4	1329.0	1329.0	1325.1
22.5°	1286.3	1282.5	1279.9	1285.0	1287.6	1287.6	1290.2	1294.1	1296.7	1295.4	1292.8
25°	1251.5	1246.3	1246.3	1250.2	1252.8	1252.8	1255.3	1259.2	1261.8	1261.8	1257.9
27.5°	1214.0	1210.1	1207.6	1210.1	1214.0	1215.3	1217.9	1221.8	1224.3	1224.3	1220.5
30°	1175.3	1171.4	1166.2	1170.1	1174.0	1175.3	1177.8	1183.0	1184.3	1184.3	1177.8
32.5°	1133.9	1127.5	1126.2	1128.8	1131.4	1133.9	1136.5	1140.4	1140.4	1141.7	1137.8
35°	1087.4	1084.9	1082.3	1084.9	1087.4	1088.7	1092.6	1096.5	1096.5	1096.5	1092.6
37.5°	1042.2	1042.2	1037.1	1038.4	1040.9	1042.2	1047.4	1050.0	1051.3	1050.0	1048.7
40°	998.3	994.5	991.9	991.9	993.2	997.0	999.6	1002.2	1003.5	1002.2	999.6
42.5°	950.5	948.0	944.1	944.1	945.4	949.3	954.4	955.7	954.4	954.4	949.3
45°	898.9	898.9	896.3	896.3	896.3	900.2	905.3	906.6	905.3	904.1	901.5
47.5°	847.2	848.5	848.5	847.2	847.2	847.2	852.4	853.7	855.0	853.7	851.1
50°	795.6	796.9	796.9	796.9	795.6	799.4	800.7	803.3	802.0	800.7	799.4
52.5°	741.3	745.2	745.2	746.5	746.5	746.5	751.7	752.9	749.1	747.8	746.5
55°	688.4	693.5	693.5	694.8	694.8	694.8	698.7	701.3	697.4	696.1	694.8
57.5°	636.7	640.6	640.6	643.2	645.8	643.2	645.8	648.3	644.5	645.8	643.2
60°	583.8	586.3	587.6	590.2	591.5	591.5	594.1	596.7	591.5	592.8	591.5
62.5°	533.4	533.4	534.7	537.3	538.6	537.3	539.8	543.7	538.6	539.8	538.6
65°	476.6	480.4	480.4	483.0	484.3	484.3	486.9	489.5	485.6	486.9	483.0
67.5°	423.6	426.2	427.5	431.4	433.9	432.7	433.9	436.5	433.9	435.2	431.4
70°	370.7	373.2	373.2	374.5	378.4	379.7	381.0	382.3	381.0	382.3	379.7
72.5°	315.1	316.4	317.7	319.0	322.9	322.9	324.2	325.5	329.3	326.7	326.7
75°	262.2	264.8	264.8	268.6	271.2	271.2	272.5	273.8	276.4	272.5	272.5
77.5°	210.5	213.1	213.1	217.0	218.3	218.3	220.8	222.1	223.4	222.1	222.1
80°	160.1	161.4	162.7	164.0	166.6	167.9	169.2	170.5	171.8	170.5	171.8
82.5°	112.4	112.4	113.7	114.9	117.5	118.8	120.1	121.4	122.7	121.4	122.7
85°	63.3	65.9	65.9	69.7	71.0	71.0	72.3	73.6	74.9	73.6	74.9
87.5°	19.4	22.0	23.2	24.5	27.1	27.1	29.7	31.0	31.0	29.7	31.0
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°	2.6	2.6	2.6	3.9	3.9	3.9	5.2	5.2	5.2	3.9	5.2
95°	5.2	5.2	6.5	9.0	11.6	12.9	15.5	15.5	12.9	10.3	10.3
97.5°	9.0	10.3	15.5	22.0	24.5	28.4	31.0	28.4	23.2	19.4	18.1
100°	15.5	20.7	32.3	45.2	49.1	53.0	51.7	45.2	37.5	31.0	27.1
102.5°	28.4	43.9	65.9	78.8	81.4	81.4	74.9	64.6	54.2	45.2	40.0
105°	63.3	90.4	114.9	117.5	116.2	112.4	100.7	87.8	74.9	62.0	55.5
107.5°	130.4	153.7	161.4	153.7	149.8	142.1	127.9	112.4	95.6	82.7	72.3
110°	202.8	205.3	197.6	184.7	176.9	170.5	152.4	136.9	118.8	103.3	91.7



TEST NUMBER: P303089

CATALOG NUMBER: CTW-F-2575-40L935-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	251.8	242.8	228.6	213.1	205.3	196.3	179.5	161.4	142.1	125.3	112.4
115°	284.1	269.9	254.4	237.6	229.9	222.1	204.1	184.7	165.3	149.8	134.3
117.5°	308.7	293.2	277.7	260.9	253.1	245.4	226.0	207.9	187.3	171.8	156.3
120°	329.3	315.1	298.3	282.8	275.1	267.3	248.0	229.9	210.5	193.7	176.9
122.5°	352.6	338.4	317.7	303.5	295.8	286.7	268.6	250.6	231.2	214.4	197.6
125°	369.4	355.2	339.7	321.6	313.8	304.8	286.7	269.9	251.8	235.1	219.6
127.5°	386.2	372.0	357.7	341.0	331.9	321.6	304.8	288.0	271.2	255.7	238.9
130°	400.4	387.5	373.2	357.7	348.7	341.0	321.6	304.8	289.3	273.8	259.6
132.5°	414.6	401.7	386.2	372.0	362.9	356.5	341.0	322.9	307.4	293.2	277.7
135°	424.9	413.3	397.8	382.3	375.8	369.4	355.2	341.0	324.2	310.0	295.8
137.5°	436.5	423.6	408.1	393.9	387.5	382.3	369.4	355.2	342.2	326.7	312.5
140°	445.6	432.7	418.4	404.2	399.1	393.9	382.3	369.4	357.7	344.8	329.3
142.5°	453.3	440.4	426.2	413.3	409.4	404.2	392.6	382.3	370.7	359.0	346.1
145°	461.1	446.9	433.9	423.6	418.4	413.3	404.2	393.9	383.6	372.0	360.3
147.5°	467.5	453.3	441.7	431.4	427.5	423.6	413.3	404.2	395.2	384.9	373.2
150°	472.7	459.8	449.4	440.4	436.5	432.7	422.3	414.6	406.8	396.5	386.2
152.5°	475.3	463.6	454.6	446.9	444.3	440.4	432.7	424.9	417.2	408.1	399.1
155°	477.9	467.5	459.8	453.3	450.7	448.2	440.4	433.9	427.5	419.7	409.4
157.5°	479.1	471.4	463.6	458.5	455.9	453.3	446.9	441.7	435.2	427.5	419.7
160°	481.7	474.0	466.2	462.4	461.1	458.5	452.0	448.2	443.0	435.2	428.8
162.5°	481.7	475.3	468.8	466.2	464.9	463.6	457.2	453.3	449.4	443.0	436.5
165°	483.0	476.6	471.4	468.8	467.5	466.2	462.4	458.5	454.6	448.2	444.3
167.5°	481.7	476.6	472.7	470.1	468.8	467.5	464.9	462.4	458.5	454.6	449.4
170°	479.1	475.3	472.7	471.4	470.1	468.8	466.2	464.9	461.1	458.5	454.6
172.5°	476.6	472.7	470.1	470.1	468.8	468.8	467.5	466.2	463.6	461.1	458.5
175°	472.7	470.1	467.5	467.5	467.5	467.5	466.2	466.2	464.9	463.6	461.1
177.5°	467.5	464.9	463.6	463.6	464.9	464.9	464.9	464.9	464.9	464.9	463.6
180°	462.4	462.4	462.4	462.4	462.4	462.4	462.4	462.4	462.4	462.4	462.4



TEST NUMBER: P303089

CATALOG NUMBER: CTW-F-2575-40L935-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1441.3	1441.3	1441.3	1441.3	1441.3	1441.3	1441.3	1441.3	1441.3	1441.3	1441.3
2.5°	1441.3	1432.3	1432.3	1433.6	1436.1	1438.7	1438.7	1433.6	1440.0	1445.2	1440.0
5°	1434.9	1425.8	1427.1	1427.1	1429.7	1432.3	1432.3	1427.1	1433.6	1437.4	1431.0
7.5°	1424.5	1415.5	1415.5	1416.8	1418.1	1420.7	1420.7	1415.5	1421.9	1425.8	1419.4
10°	1410.3	1401.3	1401.3	1401.3	1403.9	1406.4	1405.2	1400.0	1406.4	1409.0	1403.9
12.5°	1390.9	1383.2	1383.2	1383.2	1384.5	1387.1	1385.8	1379.3	1387.1	1388.4	1381.9
15°	1369.0	1362.5	1361.2	1361.2	1362.5	1365.1	1362.5	1356.1	1363.8	1365.1	1359.9
17.5°	1344.5	1336.7	1335.4	1335.4	1336.7	1339.3	1335.4	1329.0	1335.4	1335.4	1330.2
20°	1316.0	1307.0	1305.7	1305.7	1307.0	1308.3	1303.1	1299.2	1305.7	1304.4	1299.2
22.5°	1283.8	1274.7	1273.4	1273.4	1274.7	1276.0	1269.5	1267.0	1270.8	1269.5	1263.1
25°	1247.6	1241.1	1239.8	1238.5	1241.1	1238.5	1234.7	1230.8	1233.4	1230.8	1224.3
27.5°	1210.1	1202.4	1199.8	1201.1	1203.7	1202.4	1193.3	1192.1	1195.9	1190.8	1184.3
30°	1168.8	1162.4	1159.8	1161.1	1161.1	1161.1	1152.0	1153.3	1154.6	1150.7	1141.7
32.5°	1126.2	1121.0	1119.7	1119.7	1121.0	1118.4	1109.4	1110.7	1110.7	1104.2	1097.8
35°	1082.3	1077.1	1074.5	1075.8	1077.1	1071.9	1064.2	1066.8	1064.2	1059.0	1052.6
37.5°	1037.1	1030.6	1030.6	1030.6	1031.9	1025.5	1017.7	1021.6	1017.7	1011.2	1006.1
40°	988.0	982.8	984.1	984.1	985.4	980.2	973.8	973.8	969.9	963.5	957.0
42.5°	942.8	936.3	938.9	938.9	938.9	931.2	927.3	926.0	923.4	917.0	911.8
45°	892.4	887.3	891.1	889.8	891.1	882.1	879.5	876.9	873.1	867.9	861.4
47.5°	840.8	838.2	842.1	842.1	842.1	833.0	830.4	826.6	824.0	818.8	809.8
50°	789.1	789.1	791.7	793.0	790.4	782.6	780.1	774.9	772.3	767.2	759.4
52.5°	740.0	737.4	741.3	741.3	738.7	732.3	728.4	724.5	720.7	715.5	710.3
55°	689.7	687.1	691.0	688.4	687.1	681.9	676.7	672.9	671.6	663.8	658.7
57.5°	638.0	636.7	639.3	638.0	634.1	630.3	625.1	622.5	618.6	612.2	608.3
60°	586.3	586.3	586.3	585.0	582.5	577.3	573.4	570.8	565.7	560.5	557.9
62.5°	534.7	534.7	533.4	532.1	529.5	525.6	520.5	520.5	512.7	507.6	506.3
65°	483.0	481.7	480.4	476.6	476.6	474.0	468.8	464.9	461.1	455.9	454.6
67.5°	431.4	428.8	424.9	424.9	422.3	421.0	415.9	412.0	409.4	405.5	402.9
70°	379.7	375.8	372.0	373.2	369.4	368.1	362.9	361.6	355.2	351.3	351.3
72.5°	324.2	320.3	316.4	317.7	315.1	312.5	308.7	304.8	300.9	299.6	297.0
75°	272.5	267.3	264.8	264.8	262.2	259.6	257.0	253.1	251.8	249.3	246.7
77.5°	219.6	215.7	214.4	214.4	210.5	209.2	206.6	205.3	201.5	201.5	196.3
80°	169.2	165.3	164.0	162.7	162.7	158.9	157.6	153.7	152.4	149.8	145.9
82.5°	118.8	116.2	114.9	114.9	114.9	109.8	108.5	104.6	103.3	99.4	95.6
85°	72.3	69.7	67.2	68.4	67.2	62.0	60.7	55.5	53.0	51.7	49.1
87.5°	29.7	25.8	23.2	22.0	22.0	19.4	18.1	16.8	12.9	11.6	10.3
90°	1.3	1.3	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.9	3.9
92.5°	6.5	7.7	7.7	7.7	9.0	9.0	7.7	7.7	7.7	7.7	6.5
95°	11.6	12.9	15.5	15.5	16.8	18.1	18.1	16.8	16.8	16.8	15.5
97.5°	16.8	19.4	19.4	20.7	22.0	23.2	24.5	25.8	25.8	25.8	25.8
100°	25.8	24.5	27.1	28.4	28.4	28.4	29.7	31.0	32.3	33.6	33.6
102.5°	37.5	33.6	33.6	33.6	36.2	38.7	36.2	36.2	37.5	38.7	40.0
105°	49.1	45.2	42.6	42.6	42.6	45.2	47.8	46.5	45.2	46.5	46.5
107.5°	64.6	58.1	53.0	53.0	53.0	51.7	54.2	55.5	58.1	56.8	54.2
110°	81.4	73.6	67.2	63.3	63.3	62.0	62.0	63.3	65.9	67.2	68.4



TEST NUMBER: P303089

CATALOG NUMBER: CTW-F-2575-40L935-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	100.7	90.4	81.4	80.1	76.2	72.3	71.0	71.0	72.3	74.9	77.5
115°	121.4	109.8	98.2	95.6	91.7	83.9	81.4	80.1	80.1	81.4	83.9
117.5°	142.1	129.2	117.5	112.4	108.5	100.7	94.3	90.4	89.1	89.1	90.4
120°	162.7	151.1	138.2	131.7	126.6	117.5	108.5	102.0	99.4	98.2	98.2
122.5°	183.4	171.8	157.6	152.4	147.2	135.6	126.6	117.5	112.4	108.5	107.2
125°	204.1	192.4	179.5	173.1	166.6	155.0	145.9	136.9	129.2	122.7	118.8
127.5°	224.7	211.8	200.2	195.0	188.6	175.6	164.0	155.0	147.2	139.5	133.0
130°	242.8	232.5	220.8	215.7	209.2	195.0	184.7	175.6	166.6	157.6	151.1
132.5°	263.5	250.6	240.2	235.1	228.6	215.7	205.3	195.0	187.3	178.2	170.5
135°	280.3	269.9	258.3	253.1	248.0	236.3	226.0	215.7	206.6	198.9	192.4
137.5°	298.3	286.7	276.4	272.5	266.0	254.4	246.7	236.3	227.3	218.3	211.8
140°	315.1	303.5	293.2	289.3	284.1	273.8	263.5	255.7	246.7	238.9	232.5
142.5°	331.9	317.7	310.0	306.1	300.9	290.6	281.5	275.1	267.3	259.6	253.1
145°	347.4	337.1	324.2	321.6	317.7	307.4	299.6	293.2	286.7	279.0	272.5
147.5°	360.3	351.3	342.2	339.7	335.8	325.5	316.4	311.3	304.8	298.3	291.9
150°	374.5	365.5	357.7	355.2	351.3	344.8	335.8	326.7	322.9	315.1	310.0
152.5°	387.5	378.4	370.7	369.4	365.5	359.0	351.3	344.8	342.2	335.8	326.7
155°	399.1	390.0	383.6	382.3	379.7	373.2	366.8	360.3	357.7	351.3	346.1
157.5°	409.4	400.4	395.2	393.9	391.3	386.2	379.7	373.2	372.0	366.8	362.9
160°	419.7	410.7	406.8	405.5	402.9	399.1	393.9	387.5	387.5	382.3	378.4
162.5°	427.5	421.0	417.2	414.6	413.3	410.7	405.5	400.4	400.4	396.5	392.6
165°	436.5	428.8	426.2	424.9	423.6	421.0	417.2	412.0	412.0	409.4	405.5
167.5°	443.0	436.5	433.9	432.7	431.4	430.1	427.5	422.3	422.3	421.0	417.2
170°	448.2	443.0	440.4	439.1	439.1	437.8	436.5	432.7	432.7	431.4	427.5
172.5°	453.3	448.2	446.9	446.9	445.6	445.6	444.3	440.4	440.4	441.7	437.8
175°	457.2	452.0	452.0	450.7	452.0	452.0	450.7	448.2	449.4	450.7	448.2
177.5°	458.5	455.9	455.9	455.9	455.9	457.2	457.2	453.3	455.9	458.5	454.6
180°	462.4	462.4	462.4	462.4	462.4	462.4	462.4	462.4	462.4	462.4	462.4



TEST NUMBER: P303089

CATALOG NUMBER: CTW-F-2575-40L935-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	1441.3	1441.3	1441.3	1441.3	1441.3	1441.3	1441.3	1441.3
2.5°	1440.0	1437.4	1436.1	1436.1	1437.4	1429.7	1423.2	1421.9
5°	1431.0	1428.4	1427.1	1427.1	1429.7	1424.5	1419.4	1418.1
7.5°	1418.1	1416.8	1414.2	1415.5	1419.4	1414.2	1409.0	1409.0
10°	1401.3	1400.0	1397.4	1398.7	1401.3	1396.1	1390.9	1390.9
12.5°	1380.6	1376.7	1375.4	1376.7	1379.3	1374.2	1369.0	1370.3
15°	1356.1	1353.5	1352.2	1353.5	1356.1	1350.9	1344.5	1345.7
17.5°	1329.0	1325.1	1325.1	1326.4	1327.7	1321.2	1314.7	1314.7
20°	1295.4	1291.5	1291.5	1292.8	1292.8	1285.0	1281.2	1281.2
22.5°	1257.9	1254.0	1252.8	1255.3	1255.3	1248.9	1245.0	1243.7
25°	1220.5	1214.0	1214.0	1216.6	1215.3	1210.1	1205.0	1203.7
27.5°	1181.7	1174.0	1176.6	1176.6	1175.3	1167.5	1163.6	1162.4
30°	1139.1	1132.6	1131.4	1133.9	1130.1	1123.6	1121.0	1118.4
32.5°	1095.2	1088.7	1090.0	1088.7	1086.2	1079.7	1074.5	1074.5
35°	1050.0	1042.2	1044.8	1043.5	1038.4	1034.5	1030.6	1028.0
37.5°	1002.2	995.7	998.3	995.7	991.9	988.0	982.8	981.5
40°	953.1	950.5	950.5	948.0	944.1	938.9	937.6	933.8
42.5°	904.1	902.8	902.8	898.9	895.0	891.1	888.6	887.3
45°	856.3	852.4	855.0	851.1	845.9	842.1	839.5	838.2
47.5°	807.2	803.3	803.3	800.7	795.6	793.0	790.4	790.4
50°	758.1	752.9	751.7	750.4	746.5	743.9	740.0	741.3
52.5°	707.7	705.2	703.9	700.0	696.1	693.5	692.2	693.5
55°	657.4	654.8	652.2	649.6	645.8	643.2	640.6	641.9
57.5°	607.0	601.8	601.8	598.0	595.4	592.8	590.2	590.2
60°	555.3	552.8	550.2	547.6	545.0	542.4	542.4	539.8
62.5°	503.7	501.1	498.5	494.6	493.4	490.8	492.1	489.5
65°	452.0	448.2	448.2	444.3	443.0	440.4	441.7	440.4
67.5°	400.4	397.8	396.5	393.9	391.3	390.0	390.0	390.0
70°	348.7	346.1	344.8	344.8	341.0	337.1	339.7	338.4
72.5°	294.5	293.2	290.6	289.3	286.7	285.4	286.7	285.4
75°	244.1	242.8	241.5	240.2	236.3	236.3	237.6	236.3
77.5°	193.7	192.4	191.1	192.4	187.3	187.3	187.3	186.0
80°	144.6	143.4	140.8	142.1	139.5	136.9	136.9	139.5
82.5°	93.0	93.0	90.4	90.4	90.4	86.5	87.8	89.1
85°	47.8	47.8	46.5	47.8	43.9	43.9	43.9	42.6
87.5°	10.3	10.3	9.0	10.3	9.0	9.0	9.0	10.3
90°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
92.5°	6.5	6.5	6.5	7.7	6.5	6.5	6.5	6.5
95°	15.5	16.8	16.8	16.8	15.5	15.5	15.5	14.2
97.5°	25.8	25.8	25.8	25.8	24.5	24.5	24.5	23.2
100°	33.6	34.9	34.9	34.9	34.9	34.9	34.9	33.6
102.5°	41.3	41.3	41.3	42.6	42.6	42.6	42.6	41.3
105°	46.5	47.8	47.8	49.1	50.4	50.4	50.4	49.1
107.5°	55.5	55.5	55.5	55.5	55.5	56.8	55.5	55.5
110°	67.2	65.9	65.9	65.9	64.6	64.6	64.6	64.6



TEST NUMBER: P303089

CATALOG NUMBER: CTW-F-2575-40L935-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	78.8	78.8	78.8	78.8	78.8	77.5	77.5	77.5
115°	85.2	87.8	87.8	87.8	87.8	87.8	89.1	89.1
117.5°	91.7	93.0	94.3	94.3	95.6	95.6	96.9	96.9
120°	98.2	99.4	99.4	100.7	100.7	100.7	102.0	102.0
122.5°	105.9	105.9	105.9	105.9	107.2	105.9	107.2	107.2
125°	116.2	114.9	114.9	113.7	113.7	112.4	112.4	112.4
127.5°	129.2	126.6	125.3	124.0	122.7	121.4	120.1	120.1
130°	145.9	140.8	139.5	138.2	134.3	133.0	131.7	131.7
132.5°	164.0	160.1	157.6	155.0	151.1	148.5	147.2	145.9
135°	186.0	180.8	176.9	174.4	170.5	166.6	164.0	164.0
137.5°	205.3	200.2	197.6	195.0	191.1	187.3	186.0	184.7
140°	226.0	220.8	218.3	215.7	211.8	207.9	205.3	205.3
142.5°	245.4	240.2	238.9	236.3	232.5	228.6	227.3	226.0
145°	266.0	260.9	258.3	257.0	253.1	249.3	246.7	246.7
147.5°	285.4	280.3	279.0	276.4	273.8	268.6	267.3	266.0
150°	304.8	299.6	298.3	297.0	294.5	289.3	286.7	286.7
152.5°	322.9	317.7	316.4	316.4	313.8	310.0	307.4	306.1
155°	342.2	338.4	337.1	337.1	334.5	329.3	325.5	325.5
157.5°	359.0	355.2	353.9	353.9	351.3	348.7	347.4	347.4
160°	375.8	372.0	370.7	370.7	369.4	366.8	365.5	365.5
162.5°	390.0	387.5	386.2	386.2	386.2	383.6	381.0	382.3
165°	404.2	400.4	400.4	399.1	400.4	397.8	396.5	397.8
167.5°	414.6	413.3	412.0	412.0	412.0	410.7	410.7	410.7
170°	426.2	424.9	424.9	423.6	423.6	423.6	421.0	422.3
172.5°	436.5	435.2	435.2	435.2	435.2	433.9	431.4	432.7
175°	446.9	445.6	445.6	445.6	445.6	444.3	440.4	440.4
177.5°	455.9	455.9	454.6	454.6	454.6	452.0	446.9	448.2
180°	462.4	462.4	462.4	462.4	462.4	462.4	462.4	462.4

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