

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: P303077

Luminaire Tested: **CTW-F-2575-30L930-UNV-STD-8**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303077
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-2575-30L930-UNV-STD-8
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 3000 LUMEN PACKAGE
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

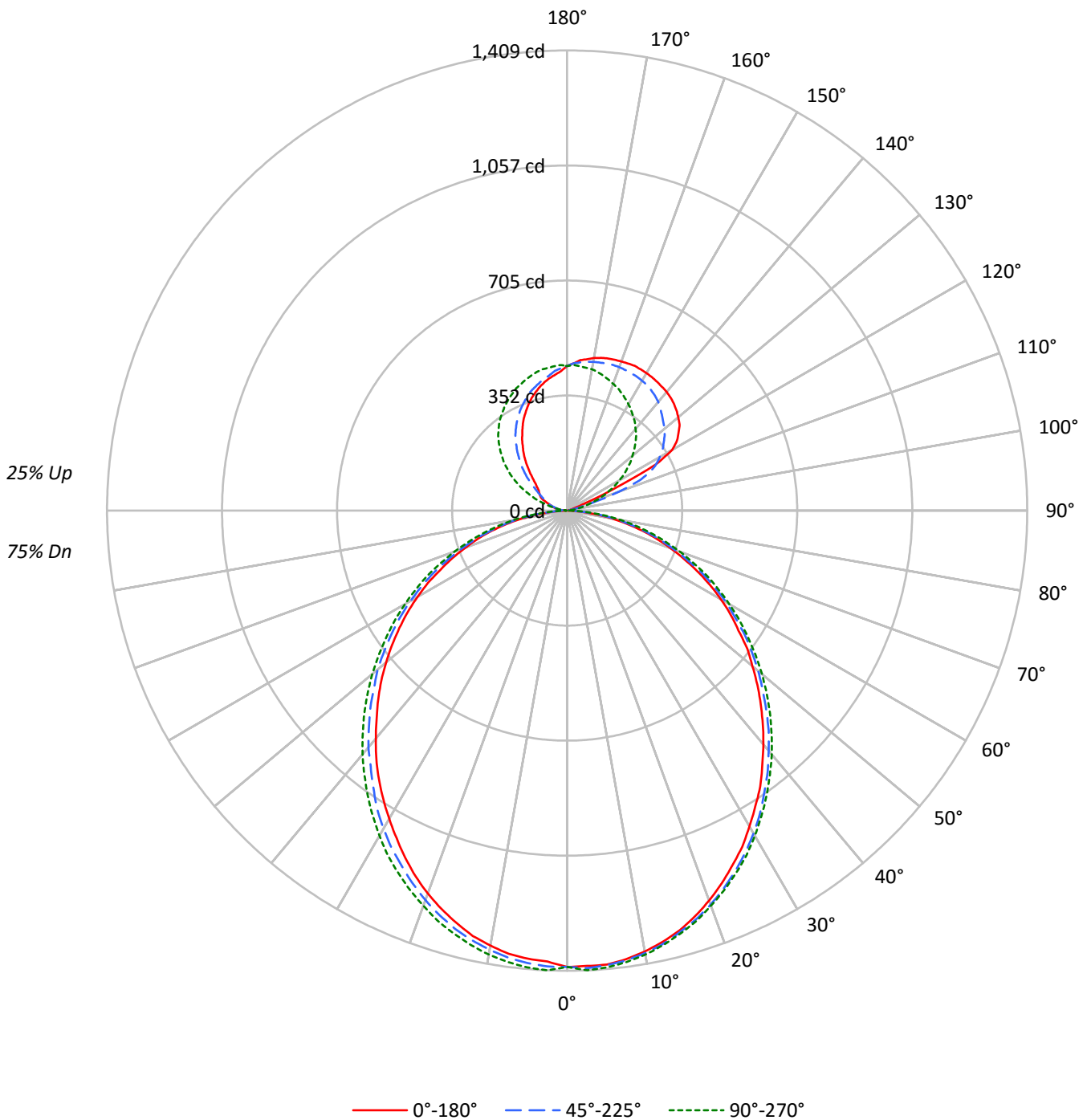
Lumens per Lamp: N/A
Luminaire Lumens: 4977.1 lumens
Efficiency: N/A
Efficacy: 99.3 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32
Luminous Opening: Rectangular (W 8' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

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°	15040	15040	15040
5°	15080	15170	14882
10°	14982	15091	14782
15°	14830	14940	14570
20°	14558	14748	14291
25°	14225	14541	13928
30°	13873	14287	13543
35°	13552	13989	13202
40°	13137	13697	12809
45°	12763	13370	12458
50°	12395	13037	12117
55°	12018	12675	11768
60°	11711	12355	11388
65°	11227	12032	10888
70°	10628	11519	10367
75°	9894	11000	9894
80°	8660	10209	8765
85°	5755	8633	5953



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	132.0	2.7
10°-20°	373.8	7.5
20°-30°	553.5	11.1
30°-40°	649.6	13.1
40°-50°	658.3	13.2
50°-60°	587.1	11.8
60°-70°	448.0	9.0
70°-80°	263.4	5.3
80°-90°	69.6	1.4
90°-100°	12.8	0.3
100°-110°	54.8	1.1
110°-120°	152.3	3.1
120°-130°	217.9	4.4
130°-140°	234.9	4.7
140°-150°	223.4	4.5
150°-160°	183.5	3.7
160°-170°	120.4	2.4
170°-180°	41.9	0.8
0°-30°	1059.3	21.3
0°-40°	1708.9	34.3
0°-60°	2954.3	59.4
0°-90°	3735.3	75.1
90°-120°	219.9	4.4
90°-150°	896.0	18.0
90°-180°	1242.0	25.0
0°-180°	4977.1	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1397	1397	1397	1397	1397	
5°	1396	1397	1404	1391	1377	132
15°	1331	1336	1341	1326	1308	375
25°	1198	1218	1224	1199	1173	552
35°	1031	1053	1065	1035	1005	643
45°	838	862	878	852	818	647
55°	640	664	675	655	627	575
65°	441	458	472	451	428	436
75°	238	250	264	248	238	251
85°	47	57	70	55	48	58
90°	2	2	2	3	3	2
95°	3	3	10	17	15	4
105°	15	40	60	42	47	17
115°	156	280	141	75	85	177
125°	416	361	225	123	106	371
135°	462	411	296	200	158	357
145°	481	449	353	276	236	302
155°	489	464	396	339	313	226
165°	482	466	428	389	374	137
175°	462	456	444	429	418	44
180°	442	442	442	442	442	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1397.3	1397.3	1397.3	1397.3	1397.3	1397.3	1397.3	1397.3	1397.3	1397.3	1397.3
2.5°	1395.6	1394.0	1394.0	1394.0	1399.0	1399.0	1397.3	1397.3	1399.0	1405.6	1402.3
5°	1395.6	1394.0	1394.0	1390.7	1394.0	1394.0	1392.3	1392.3	1394.0	1400.6	1397.3
7.5°	1385.7	1385.7	1384.0	1382.3	1384.0	1384.0	1384.0	1382.3	1384.0	1392.3	1389.0
10°	1370.7	1370.7	1369.0	1367.4	1369.0	1369.0	1369.0	1369.0	1370.7	1379.0	1375.7
12.5°	1352.4	1352.4	1350.7	1349.1	1352.4	1352.4	1350.7	1350.7	1352.4	1362.4	1359.0
15°	1330.8	1330.8	1330.8	1329.1	1332.4	1330.8	1330.8	1330.8	1330.8	1339.1	1335.8
17.5°	1302.5	1302.5	1302.5	1302.5	1305.8	1305.8	1305.8	1304.2	1305.8	1314.1	1312.5
20°	1270.9	1270.9	1270.9	1270.9	1272.5	1274.2	1272.5	1274.2	1274.2	1284.2	1284.2
22.5°	1235.9	1235.9	1234.3	1234.3	1235.9	1239.3	1237.6	1237.6	1239.3	1249.3	1252.6
25°	1197.7	1197.7	1197.7	1199.4	1201.0	1202.7	1201.0	1204.3	1204.3	1214.3	1217.7
27.5°	1161.1	1157.8	1159.4	1159.4	1161.1	1162.8	1162.8	1166.1	1167.7	1176.1	1181.1
30°	1116.2	1114.5	1116.2	1117.8	1117.8	1121.2	1122.8	1124.5	1126.2	1131.2	1141.1
32.5°	1072.9	1072.9	1074.6	1074.6	1076.3	1077.9	1081.2	1082.9	1082.9	1087.9	1099.5
35°	1031.3	1028.0	1028.0	1029.7	1033.0	1034.7	1034.7	1038.0	1038.0	1044.7	1053.0
37.5°	981.4	981.4	984.8	984.8	984.8	988.1	988.1	991.4	993.1	998.1	1008.1
40°	934.9	933.2	936.5	936.5	938.2	939.9	943.2	944.8	948.2	951.5	959.8
42.5°	886.6	886.6	888.3	890.0	891.6	893.3	896.6	898.3	899.9	903.3	913.2
45°	838.4	838.4	840.0	841.7	843.4	843.4	846.7	850.0	853.4	858.3	861.7
47.5°	790.1	790.1	791.8	791.8	793.5	795.1	796.8	800.1	803.5	808.4	811.8
50°	740.2	740.2	743.6	743.6	746.9	745.2	748.6	750.2	755.2	758.5	763.5
52.5°	695.3	690.3	692.0	693.7	697.0	698.7	700.3	700.3	703.6	708.6	713.6
55°	640.4	642.1	643.8	643.8	647.1	647.1	650.4	650.4	653.7	658.7	663.7
57.5°	593.9	593.9	592.2	595.5	597.2	597.2	598.8	598.8	603.8	607.2	610.5
60°	544.0	540.6	542.3	544.0	545.6	544.0	548.9	548.9	552.3	555.6	562.2
62.5°	492.4	492.4	490.7	492.4	494.0	494.0	497.4	497.4	502.4	502.4	509.0
65°	440.8	439.2	439.2	440.8	444.1	444.1	445.8	447.5	449.1	450.8	457.5
67.5°	387.6	387.6	385.9	389.2	389.2	389.2	392.6	392.6	394.2	395.9	400.9
70°	337.7	336.0	336.0	339.3	337.7	339.3	342.7	342.7	346.0	346.0	349.3
72.5°	287.8	286.1	286.1	284.5	291.1	289.4	291.1	292.8	292.8	294.4	299.4
75°	237.9	237.9	236.2	236.2	237.9	239.5	241.2	242.9	244.5	244.5	249.5
77.5°	188.0	188.0	186.3	191.3	191.3	191.3	193.0	193.0	196.3	196.3	199.6
80°	139.7	138.1	138.1	139.7	143.1	143.1	143.1	144.7	146.4	149.7	151.4
82.5°	91.5	91.5	91.5	93.2	94.8	96.5	96.5	96.5	98.1	101.5	103.1
85°	46.6	46.6	46.6	46.6	49.9	49.9	49.9	51.6	54.9	54.9	56.6
87.5°	8.3	8.3	8.3	8.3	10.0	10.0	10.0	10.0	10.0	13.3	15.0
90°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
92.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
95°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
97.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	6.7	6.7	6.7
100°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	10.0	11.6
102.5°	10.0	10.0	10.0	10.0	11.6	11.6	11.6	13.3	13.3	16.6	20.0
105°	15.0	15.0	15.0	15.0	15.0	16.6	16.6	18.3	21.6	28.3	39.9
107.5°	20.0	20.0	20.0	21.6	23.3	25.0	26.6	33.3	43.2	61.5	88.2
110°	29.9	31.6	33.3	36.6	43.2	46.6	51.6	69.9	98.1	136.4	168.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	61.5	64.9	71.5	81.5	103.1	114.8	129.7	168.0	201.3	229.6	237.9
115°	156.4	171.3	179.7	194.6	226.2	237.9	251.2	269.5	284.5	287.8	279.5
117.5°	306.1	306.1	306.1	316.1	324.4	327.7	329.4	329.4	324.4	319.4	307.7
120°	371.0	371.0	369.3	369.3	367.6	366.0	362.6	357.6	349.3	341.0	327.7
122.5°	399.2	399.2	395.9	392.6	389.2	385.9	382.6	377.6	367.6	359.3	346.0
125°	415.9	415.9	412.5	409.2	405.9	402.6	399.2	392.6	384.3	374.3	361.0
127.5°	434.2	432.5	429.2	424.2	419.2	415.9	412.5	405.9	397.6	387.6	375.9
130°	444.1	444.1	440.8	437.5	434.2	430.8	427.5	417.5	407.5	399.2	389.2
132.5°	454.1	452.5	450.8	447.5	442.5	440.8	437.5	430.8	419.2	409.2	399.2
135°	462.4	460.8	459.1	455.8	452.5	449.1	447.5	440.8	432.5	419.2	410.9
137.5°	469.1	467.4	465.8	464.1	459.1	457.5	454.1	449.1	440.8	432.5	422.5
140°	474.1	470.8	470.8	469.1	464.1	462.4	460.8	454.1	447.5	440.8	434.2
142.5°	477.4	475.7	475.7	474.1	469.1	469.1	465.8	460.8	454.1	449.1	442.5
145°	480.7	479.1	479.1	477.4	474.1	474.1	470.8	465.8	459.1	454.1	449.1
147.5°	484.1	482.4	482.4	480.7	479.1	477.4	475.7	470.8	464.1	459.1	455.8
150°	485.7	485.7	484.1	482.4	480.7	479.1	477.4	472.4	467.4	464.1	459.1
152.5°	487.4	487.4	485.7	485.7	482.4	482.4	479.1	475.7	470.8	467.4	462.4
155°	489.1	489.1	487.4	485.7	484.1	482.4	480.7	475.7	470.8	469.1	464.1
157.5°	487.4	487.4	487.4	485.7	484.1	482.4	479.1	475.7	472.4	470.8	465.8
160°	485.7	487.4	485.7	484.1	482.4	482.4	480.7	475.7	472.4	472.4	467.4
162.5°	484.1	485.7	484.1	484.1	482.4	480.7	479.1	475.7	472.4	470.8	467.4
165°	482.4	482.4	482.4	480.7	479.1	477.4	477.4	472.4	470.8	470.8	465.8
167.5°	479.1	479.1	477.4	475.7	474.1	474.1	472.4	469.1	469.1	469.1	464.1
170°	474.1	474.1	472.4	470.8	470.8	469.1	469.1	465.8	465.8	465.8	462.4
172.5°	467.4	467.4	467.4	465.8	465.8	464.1	464.1	460.8	460.8	462.4	459.1
175°	462.4	460.8	460.8	459.1	459.1	459.1	457.5	455.8	457.5	457.5	455.8
177.5°	450.8	450.8	450.8	450.8	452.5	452.5	452.5	450.8	450.8	452.5	450.8
180°	442.5	442.5	442.5	442.5	442.5	442.5	442.5	442.5	442.5	442.5	442.5



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1397.3	1397.3	1397.3	1397.3	1397.3	1397.3	1397.3	1397.3	1397.3	1397.3	1397.3
2.5°	1392.3	1389.0	1389.0	1394.0	1395.6	1397.3	1399.0	1405.6	1407.3	1408.9	1407.3
5°	1389.0	1385.7	1384.0	1389.0	1390.7	1392.3	1394.0	1399.0	1402.3	1404.0	1400.6
7.5°	1379.0	1375.7	1375.7	1380.7	1380.7	1384.0	1384.0	1390.7	1392.3	1394.0	1392.3
10°	1367.4	1364.0	1362.4	1367.4	1369.0	1370.7	1370.7	1375.7	1379.0	1380.7	1377.3
12.5°	1349.1	1345.7	1344.1	1349.1	1350.7	1352.4	1354.1	1359.0	1360.7	1362.4	1360.7
15°	1329.1	1324.1	1322.4	1329.1	1330.8	1332.4	1332.4	1337.4	1339.1	1340.7	1339.1
17.5°	1304.2	1299.2	1299.2	1302.5	1307.5	1307.5	1307.5	1312.5	1315.8	1317.5	1314.1
20°	1277.5	1272.5	1270.9	1275.9	1277.5	1280.9	1280.9	1284.2	1287.5	1287.5	1287.5
22.5°	1245.9	1240.9	1239.3	1244.3	1245.9	1247.6	1249.3	1252.6	1255.9	1257.6	1254.2
25°	1212.7	1207.7	1206.0	1211.0	1212.7	1214.3	1216.0	1222.6	1222.6	1224.3	1221.0
27.5°	1174.4	1171.1	1167.7	1172.7	1177.7	1179.4	1179.4	1184.4	1186.0	1189.4	1184.4
30°	1136.1	1131.2	1129.5	1132.8	1137.8	1139.5	1139.5	1146.1	1147.8	1149.5	1144.5
32.5°	1096.2	1091.2	1089.6	1092.9	1097.9	1099.5	1099.5	1104.5	1106.2	1107.9	1104.5
35°	1053.0	1049.6	1046.3	1049.6	1053.0	1056.3	1056.3	1061.3	1063.0	1064.6	1061.3
37.5°	1011.4	1006.4	1003.1	1004.7	1008.1	1013.0	1013.0	1019.7	1019.7	1019.7	1016.4
40°	966.5	959.8	958.2	958.2	963.1	966.5	966.5	973.1	973.1	974.8	969.8
42.5°	919.9	914.9	913.2	911.6	916.6	918.2	919.9	926.5	924.9	926.5	921.6
45°	871.7	866.7	866.7	866.7	868.3	871.7	873.3	876.6	878.3	878.3	875.0
47.5°	820.1	818.4	818.4	818.4	821.7	821.7	823.4	826.7	826.7	828.4	825.1
50°	770.2	770.2	768.5	770.2	771.8	771.8	775.2	778.5	778.5	778.5	775.2
52.5°	717.0	718.6	718.6	720.3	721.9	721.9	726.9	730.3	730.3	726.9	723.6
55°	665.4	668.7	668.7	672.0	672.0	673.7	673.7	677.0	677.0	675.4	672.0
57.5°	615.5	617.1	617.1	620.5	622.1	622.1	625.5	628.8	628.8	625.5	622.1
60°	563.9	567.2	565.6	568.9	572.2	572.2	572.2	577.2	573.9	573.9	572.2
62.5°	512.3	512.3	514.0	517.3	519.0	519.0	522.3	525.7	525.7	522.3	520.7
65°	460.8	462.4	462.4	465.8	467.4	469.1	469.1	472.4	470.8	472.4	469.1
67.5°	405.9	407.5	407.5	409.2	412.5	412.5	415.9	417.5	419.2	417.5	415.9
70°	352.7	352.7	357.6	357.6	361.0	361.0	366.0	366.0	369.3	366.0	364.3
72.5°	301.1	302.7	307.7	306.1	309.4	309.4	314.4	316.1	317.7	314.4	316.1
75°	251.2	251.2	256.2	256.2	259.5	259.5	264.5	264.5	266.2	264.5	262.8
77.5°	201.3	201.3	204.6	206.3	207.9	209.6	212.9	212.9	216.2	214.6	216.2
80°	153.0	154.7	156.4	159.7	159.7	161.4	161.4	164.7	166.3	164.7	166.3
82.5°	104.8	108.1	109.8	109.8	111.5	114.8	116.4	116.4	118.1	116.4	119.8
85°	58.2	59.9	63.2	66.5	66.5	68.2	69.9	71.5	71.5	69.9	69.9
87.5°	16.6	18.3	23.3	23.3	23.3	26.6	28.3	28.3	29.9	28.3	31.6
90°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
92.5°	1.7	1.7	1.7	3.3	3.3	3.3	5.0	5.0	5.0	3.3	5.0
95°	5.0	5.0	6.7	10.0	11.6	13.3	15.0	15.0	11.6	10.0	10.0
97.5°	8.3	10.0	15.0	21.6	25.0	28.3	29.9	26.6	21.6	18.3	16.6
100°	15.0	21.6	31.6	43.2	46.6	49.9	48.2	43.2	36.6	29.9	26.6
102.5°	29.9	43.2	61.5	76.5	76.5	76.5	71.5	63.2	53.2	43.2	38.3
105°	63.2	86.5	106.5	113.1	109.8	108.1	96.5	84.8	71.5	59.9	53.2
107.5°	126.4	146.4	151.4	148.0	141.4	136.4	121.4	108.1	91.5	78.2	69.9
110°	193.0	194.6	189.6	178.0	169.7	163.0	146.4	131.4	114.8	99.8	86.5



TEST NUMBER: P303077

CATALOG NUMBER: CTW-F-2575-30L930-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	239.5	231.2	219.6	204.6	194.6	188.0	171.3	154.7	136.4	121.4	106.5
115°	271.1	257.8	244.5	226.2	219.6	211.3	194.6	178.0	159.7	141.4	128.1
117.5°	294.4	279.5	266.2	249.5	241.2	232.9	216.2	198.0	179.7	164.7	149.7
120°	314.4	301.1	286.1	269.5	262.8	254.5	237.9	219.6	201.3	184.6	169.7
122.5°	332.7	319.4	304.4	289.4	281.1	274.5	257.8	239.5	221.2	206.3	191.3
125°	349.3	336.0	322.7	306.1	299.4	291.1	274.5	256.2	241.2	224.6	209.6
127.5°	364.3	351.0	337.7	322.7	316.1	307.7	291.1	274.5	259.5	244.5	229.6
130°	379.3	366.0	352.7	337.7	329.4	322.7	307.7	291.1	276.1	261.2	247.9
132.5°	390.9	379.3	364.3	351.0	342.7	336.0	322.7	307.7	294.4	279.5	266.2
135°	402.6	389.2	377.6	362.6	356.0	349.3	336.0	322.7	309.4	296.1	282.8
137.5°	412.5	399.2	387.6	372.6	367.6	362.6	349.3	336.0	324.4	312.7	299.4
140°	422.5	409.2	395.9	382.6	377.6	372.6	361.0	349.3	337.7	326.0	316.1
142.5°	432.5	415.9	402.6	390.9	387.6	382.6	371.0	361.0	351.0	341.0	329.4
145°	439.2	424.2	409.2	400.9	395.9	390.9	380.9	371.0	362.6	352.7	342.7
147.5°	445.8	432.5	419.2	407.5	404.2	399.2	390.9	382.6	374.3	364.3	354.3
150°	449.1	437.5	425.8	417.5	412.5	407.5	399.2	390.9	384.3	375.9	366.0
152.5°	454.1	442.5	434.2	424.2	422.5	415.9	407.5	402.6	394.2	385.9	377.6
155°	455.8	445.8	439.2	432.5	430.8	424.2	415.9	409.2	402.6	395.9	387.6
157.5°	457.5	449.1	440.8	437.5	434.2	432.5	424.2	417.5	410.9	405.9	397.6
160°	459.1	450.8	444.1	440.8	439.2	435.8	430.8	427.5	417.5	412.5	404.2
162.5°	459.1	452.5	447.5	444.1	442.5	440.8	435.8	432.5	427.5	420.9	412.5
165°	459.1	454.1	449.1	447.5	445.8	444.1	439.2	437.5	432.5	427.5	420.9
167.5°	459.1	454.1	450.8	449.1	447.5	445.8	442.5	440.8	437.5	434.2	429.2
170°	457.5	454.1	450.8	449.1	449.1	447.5	444.1	444.1	440.8	439.2	434.2
172.5°	454.1	452.5	449.1	449.1	449.1	447.5	444.1	444.1	442.5	440.8	437.5
175°	450.8	449.1	447.5	447.5	447.5	445.8	444.1	445.8	444.1	444.1	440.8
177.5°	445.8	444.1	444.1	444.1	444.1	444.1	444.1	444.1	444.1	445.8	442.5
180°	442.5	442.5	442.5	442.5	442.5	442.5	442.5	442.5	442.5	442.5	442.5



TEST NUMBER: P303077

CATALOG NUMBER: CTW-F-2575-30L930-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1397.3	1397.3	1397.3	1397.3	1397.3	1397.3	1397.3	1397.3	1397.3	1397.3	1397.3
2.5°	1397.3	1390.7	1390.7	1390.7	1394.0	1395.6	1395.6	1390.7	1397.3	1402.3	1397.3
5°	1390.7	1384.0	1384.0	1385.7	1387.3	1389.0	1389.0	1384.0	1390.7	1395.6	1389.0
7.5°	1382.3	1374.0	1374.0	1375.7	1377.3	1379.0	1379.0	1374.0	1380.7	1384.0	1377.3
10°	1367.4	1360.7	1359.0	1360.7	1364.0	1365.7	1364.0	1359.0	1365.7	1369.0	1364.0
12.5°	1349.1	1342.4	1342.4	1342.4	1345.7	1345.7	1345.7	1339.1	1347.4	1349.1	1342.4
15°	1327.4	1320.8	1320.8	1320.8	1322.4	1324.1	1322.4	1317.5	1325.8	1325.8	1319.1
17.5°	1302.5	1297.5	1294.2	1297.5	1297.5	1299.2	1295.8	1290.8	1299.2	1299.2	1294.2
20°	1275.9	1269.2	1267.6	1267.6	1269.2	1270.9	1265.9	1262.6	1269.2	1269.2	1262.6
22.5°	1242.6	1237.6	1235.9	1235.9	1237.6	1237.6	1232.6	1229.3	1235.9	1234.3	1227.6
25°	1209.3	1204.3	1202.7	1204.3	1204.3	1204.3	1197.7	1196.0	1199.4	1197.7	1191.0
27.5°	1172.7	1167.7	1166.1	1167.7	1167.7	1167.7	1161.1	1159.4	1164.4	1159.4	1152.8
30°	1132.8	1127.8	1126.2	1127.8	1129.5	1126.2	1119.5	1121.2	1124.5	1117.8	1112.9
32.5°	1096.2	1087.9	1086.2	1087.9	1089.6	1087.9	1081.2	1079.6	1082.9	1076.3	1069.6
35°	1051.3	1044.7	1046.3	1048.0	1046.3	1044.7	1036.3	1038.0	1034.7	1031.3	1024.7
37.5°	1008.1	1001.4	1001.4	1003.1	1003.1	999.7	993.1	993.1	988.1	986.4	979.8
40°	963.1	956.5	956.5	958.2	958.2	953.2	948.2	949.8	946.5	939.9	933.2
42.5°	913.2	909.9	911.6	911.6	913.2	906.6	903.3	903.3	898.3	891.6	886.6
45°	866.7	861.7	865.0	866.7	866.7	860.0	858.3	853.4	851.7	846.7	840.0
47.5°	816.8	815.1	818.4	818.4	818.4	811.8	810.1	805.1	801.8	798.5	791.8
50°	768.5	766.9	770.2	770.2	770.2	761.9	763.5	755.2	756.9	748.6	743.6
52.5°	720.3	720.3	720.3	720.3	718.6	713.6	712.0	707.0	705.3	698.7	695.3
55°	668.7	668.7	672.0	670.4	668.7	665.4	662.1	655.4	655.4	648.7	643.8
57.5°	622.1	622.1	622.1	618.8	618.8	615.5	610.5	607.2	605.5	598.8	595.5
60°	570.6	572.2	568.9	567.2	567.2	563.9	560.6	558.9	553.9	547.3	545.6
62.5°	520.7	522.3	520.7	517.3	515.7	512.3	510.7	507.4	502.4	495.7	495.7
65°	467.4	469.1	469.1	464.1	464.1	462.4	460.8	455.8	450.8	445.8	444.1
67.5°	415.9	417.5	410.9	409.2	409.2	409.2	402.6	402.6	397.6	392.6	394.2
70°	366.0	364.3	362.6	357.6	359.3	356.0	352.7	351.0	346.0	342.7	342.7
72.5°	316.1	312.7	311.1	309.4	307.7	306.1	302.7	301.1	297.8	292.8	292.8
75°	266.2	262.8	261.2	259.5	257.8	256.2	251.2	251.2	247.9	244.5	244.5
77.5°	214.6	211.3	211.3	209.6	207.9	204.6	201.3	202.9	199.6	196.3	196.3
80°	164.7	163.0	163.0	161.4	158.0	156.4	156.4	154.7	151.4	146.4	146.4
82.5°	116.4	116.4	114.8	113.1	111.5	109.8	108.1	106.5	103.1	98.1	98.1
85°	71.5	69.9	69.9	68.2	66.5	63.2	59.9	58.2	54.9	51.6	51.6
87.5°	29.9	26.6	25.0	23.3	21.6	20.0	20.0	16.6	15.0	15.0	11.6
90°	1.7	1.7	1.7	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
92.5°	6.7	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
95°	10.0	11.6	15.0	15.0	16.6	16.6	16.6	16.6	16.6	16.6	16.6
97.5°	15.0	16.6	18.3	20.0	20.0	23.3	23.3	25.0	25.0	25.0	25.0
100°	23.3	23.3	25.0	26.6	25.0	26.6	28.3	29.9	31.6	31.6	33.3
102.5°	34.9	31.6	29.9	31.6	33.3	34.9	33.3	34.9	34.9	36.6	38.3
105°	46.6	43.2	39.9	39.9	39.9	41.6	43.2	43.2	41.6	41.6	43.2
107.5°	61.5	54.9	49.9	49.9	48.2	48.2	49.9	53.2	53.2	51.6	51.6
110°	78.2	69.9	63.2	61.5	59.9	58.2	58.2	59.9	61.5	63.2	64.9



TEST NUMBER: P303077

CATALOG NUMBER: CTW-F-2575-30L930-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	96.5	86.5	78.2	74.9	73.2	68.2	66.5	66.5	68.2	71.5	73.2
115°	116.4	106.5	94.8	91.5	88.2	79.8	78.2	76.5	74.9	76.5	78.2
117.5°	136.4	124.8	113.1	108.1	103.1	94.8	89.8	86.5	84.8	84.8	84.8
120°	156.4	144.7	131.4	126.4	121.4	113.1	104.8	98.1	94.8	93.2	93.2
122.5°	176.3	164.7	153.0	146.4	141.4	129.7	123.1	113.1	108.1	103.1	101.5
125°	196.3	184.6	173.0	166.3	161.4	149.7	139.7	131.4	123.1	116.4	113.1
127.5°	214.6	202.9	193.0	186.3	181.3	168.0	159.7	151.4	141.4	133.1	128.1
130°	234.5	221.2	211.3	206.3	201.3	188.0	178.0	168.0	161.4	153.0	144.7
132.5°	252.8	241.2	229.6	224.6	219.6	207.9	199.6	188.0	179.7	173.0	164.7
135°	269.5	257.8	247.9	242.9	237.9	226.2	217.9	207.9	199.6	191.3	184.6
137.5°	286.1	274.5	264.5	261.2	256.2	244.5	236.2	227.9	217.9	211.3	202.9
140°	301.1	291.1	281.1	277.8	272.8	262.8	254.5	246.2	237.9	229.6	222.9
142.5°	316.1	306.1	296.1	292.8	287.8	279.5	271.1	264.5	256.2	249.5	242.9
145°	329.4	319.4	311.1	307.7	302.7	296.1	286.1	281.1	276.1	267.8	261.2
147.5°	342.7	332.7	324.4	321.0	319.4	311.1	302.7	297.8	292.8	286.1	279.5
150°	354.3	346.0	337.7	336.0	332.7	326.0	317.7	312.7	309.4	302.7	297.8
152.5°	367.6	357.6	351.0	349.3	346.0	339.3	332.7	327.7	324.4	317.7	312.7
155°	377.6	369.3	362.6	361.0	357.6	352.7	346.0	341.0	339.3	332.7	327.7
157.5°	387.6	379.3	374.3	371.0	369.3	366.0	359.3	354.3	352.7	347.7	342.7
160°	395.9	389.2	384.3	382.6	380.9	375.9	371.0	366.0	366.0	362.6	357.6
162.5°	404.2	397.6	394.2	392.6	390.9	387.6	382.6	379.3	379.3	374.3	371.0
165°	412.5	405.9	402.6	400.9	400.9	397.6	394.2	389.2	389.2	387.6	384.3
167.5°	420.9	412.5	410.9	409.2	409.2	407.5	404.2	400.9	399.2	399.2	394.2
170°	427.5	420.9	417.5	415.9	415.9	414.2	410.9	409.2	409.2	409.2	405.9
172.5°	432.5	427.5	425.8	425.8	425.8	424.2	422.5	417.5	417.5	420.9	414.2
175°	435.8	432.5	432.5	432.5	432.5	430.8	429.2	427.5	429.2	430.8	427.5
177.5°	439.2	435.8	435.8	435.8	437.5	437.5	435.8	434.2	435.8	437.5	435.8
180°	442.5	442.5	442.5	442.5	442.5	442.5	442.5	442.5	442.5	442.5	442.5



TEST NUMBER: P303077

CATALOG NUMBER: CTW-F-2575-30L930-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	1397.3	1397.3	1397.3	1397.3	1397.3	1397.3	1397.3	1397.3
2.5°	1397.3	1395.6	1394.0	1394.0	1395.6	1389.0	1382.3	1382.3
5°	1389.0	1387.3	1385.7	1385.7	1387.3	1382.3	1377.3	1377.3
7.5°	1377.3	1375.7	1374.0	1375.7	1379.0	1374.0	1369.0	1369.0
10°	1362.4	1359.0	1357.4	1357.4	1360.7	1355.7	1352.4	1352.4
12.5°	1340.7	1339.1	1335.8	1337.4	1339.1	1335.8	1330.8	1334.1
15°	1317.5	1315.8	1314.1	1315.8	1317.5	1312.5	1307.5	1307.5
17.5°	1292.5	1290.8	1287.5	1290.8	1290.8	1284.2	1279.2	1279.2
20°	1260.9	1257.6	1255.9	1257.6	1257.6	1250.9	1247.6	1247.6
22.5°	1224.3	1221.0	1219.3	1221.0	1219.3	1214.3	1211.0	1212.7
25°	1186.0	1182.7	1182.7	1182.7	1182.7	1176.1	1172.7	1172.7
27.5°	1147.8	1144.5	1142.8	1144.5	1142.8	1136.1	1131.2	1131.2
30°	1107.9	1101.2	1101.2	1102.9	1101.2	1094.6	1089.6	1089.6
32.5°	1064.6	1059.6	1061.3	1061.3	1058.0	1051.3	1048.0	1048.0
35°	1019.7	1016.4	1018.0	1016.4	1013.0	1008.1	1004.7	1004.7
37.5°	973.1	971.5	971.5	973.1	966.5	961.5	959.8	959.8
40°	926.5	924.9	924.9	926.5	919.9	914.9	914.9	911.6
42.5°	880.0	878.3	880.0	878.3	873.3	868.3	866.7	863.3
45°	833.4	833.4	831.7	831.7	825.1	821.7	821.7	818.4
47.5°	785.2	785.2	783.5	780.2	776.8	775.2	771.8	771.8
50°	738.6	736.9	735.2	735.2	730.3	726.9	726.9	723.6
52.5°	688.7	688.7	688.7	685.3	680.4	677.0	678.7	675.4
55°	640.4	638.8	638.8	637.1	633.8	628.8	630.5	627.1
57.5°	593.9	590.5	587.2	587.2	583.9	578.9	578.9	578.9
60°	540.6	540.6	539.0	537.3	535.6	530.6	532.3	529.0
62.5°	494.0	489.1	489.1	487.4	485.7	480.7	484.1	480.7
65°	442.5	439.2	437.5	435.8	432.5	429.2	430.8	427.5
67.5°	387.6	385.9	385.9	384.3	382.6	379.3	382.6	379.3
70°	339.3	336.0	336.0	334.4	332.7	331.0	332.7	329.4
72.5°	289.4	289.4	287.8	286.1	284.5	284.5	284.5	286.1
75°	241.2	237.9	237.9	237.9	236.2	236.2	236.2	237.9
77.5°	194.6	191.3	189.6	188.0	188.0	188.0	188.0	189.6
80°	143.1	143.1	141.4	139.7	139.7	139.7	139.7	141.4
82.5°	94.8	94.8	93.2	91.5	91.5	91.5	89.8	91.5
85°	51.6	49.9	48.2	48.2	48.2	48.2	48.2	48.2
87.5°	13.3	11.6	11.6	11.6	13.3	13.3	11.6	13.3
90°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
92.5°	8.3	8.3	8.3	8.3	8.3	6.7	6.7	6.7
95°	16.6	16.6	16.6	15.0	15.0	15.0	15.0	15.0
97.5°	25.0	25.0	25.0	25.0	25.0	23.3	23.3	23.3
100°	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
102.5°	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
105°	43.2	44.9	44.9	44.9	46.6	46.6	46.6	46.6
107.5°	51.6	51.6	51.6	51.6	51.6	51.6	53.2	51.6
110°	63.2	61.5	61.5	59.9	59.9	59.9	59.9	59.9



TEST NUMBER: P303077

CATALOG NUMBER: CTW-F-2575-30L930-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	73.2	74.9	74.9	74.9	74.9	73.2	71.5	71.5
115°	81.5	83.2	83.2	83.2	83.2	84.8	84.8	84.8
117.5°	86.5	88.2	89.8	89.8	91.5	91.5	91.5	91.5
120°	93.2	94.8	94.8	94.8	96.5	96.5	96.5	96.5
122.5°	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5
125°	111.5	109.8	109.8	108.1	108.1	108.1	106.5	106.5
127.5°	123.1	121.4	119.8	118.1	116.4	116.4	114.8	114.8
130°	139.7	136.4	133.1	133.1	129.7	126.4	126.4	124.8
132.5°	158.0	153.0	151.4	149.7	144.7	141.4	141.4	139.7
135°	178.0	173.0	171.3	169.7	163.0	159.7	159.7	158.0
137.5°	198.0	193.0	191.3	189.6	184.6	181.3	179.7	178.0
140°	216.2	211.3	209.6	207.9	204.6	201.3	199.6	198.0
142.5°	234.5	231.2	229.6	227.9	222.9	219.6	217.9	217.9
145°	254.5	249.5	249.5	246.2	242.9	239.5	237.9	236.2
147.5°	274.5	269.5	267.8	266.2	262.8	257.8	256.2	256.2
150°	291.1	287.8	286.1	284.5	281.1	277.8	276.1	274.5
152.5°	307.7	304.4	304.4	302.7	299.4	296.1	294.4	294.4
155°	324.4	319.4	319.4	319.4	316.1	314.4	312.7	312.7
157.5°	339.3	336.0	334.4	334.4	332.7	331.0	327.7	329.4
160°	354.3	352.7	349.3	349.3	349.3	346.0	344.3	346.0
162.5°	369.3	367.6	366.0	366.0	364.3	362.6	361.0	361.0
165°	380.9	379.3	377.6	377.6	379.3	377.6	375.9	374.3
167.5°	392.6	390.9	389.2	389.2	390.9	389.2	387.6	387.6
170°	404.2	402.6	400.9	400.9	400.9	400.9	399.2	399.2
172.5°	414.2	412.5	412.5	410.9	412.5	410.9	409.2	409.2
175°	427.5	425.8	425.8	424.2	425.8	420.9	415.9	417.5
177.5°	435.8	435.8	434.2	434.2	434.2	430.8	427.5	427.5
180°	442.5	442.5	442.5	442.5	442.5	442.5	442.5	442.5

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