

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: P303088

Luminaire Tested: **CTW-F-2575-40L930-UNV-STD-6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303088
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-2575-40L930-UNV-STD-6
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 4000 LUMEN PACKAGE
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4981.6 lumens
Efficiency: N/A
Efficacy: 97.1 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

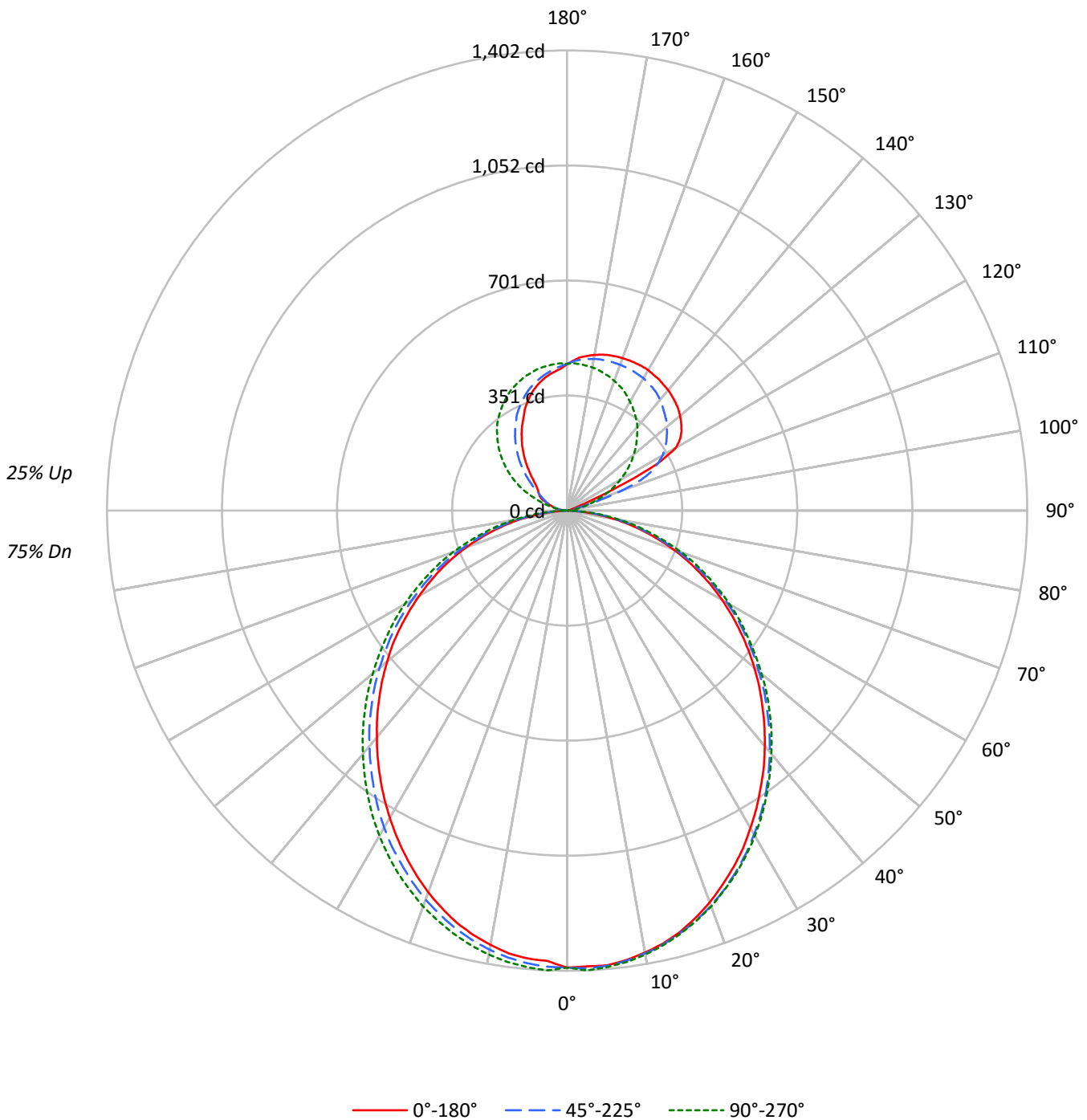
Input Watts (W): 51.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	19982	19982	19982
5°	20041	20113	19736
10°	19928	20018	19582
15°	19742	19834	19316
20°	19398	19607	18902
25°	18985	19302	18414
30°	18504	18959	17905
35°	18011	18558	17400
40°	17553	18137	16899
45°	17067	17725	16434
50°	16630	17270	15989
55°	16139	16827	15516
60°	15649	16436	14969
65°	15081	15971	14446
70°	14397	15497	13717
75°	13353	14595	12660
80°	11753	13612	11133
85°	8019	11708	6784



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	131.4	2.6
10°-20°	372.3	7.5
20°-30°	551.4	11.1
30°-40°	647.0	13.0
40°-50°	655.7	13.2
50°-60°	584.4	11.7
60°-70°	447.6	9.0
70°-80°	262.6	5.3
80°-90°	69.0	1.4
90°-100°	12.9	0.3
100°-110°	55.7	1.1
110°-120°	154.9	3.1
120°-130°	221.2	4.4
130°-140°	237.8	4.8
140°-150°	226.5	4.5
150°-160°	186.6	3.7
160°-170°	122.4	2.5
170°-180°	42.4	0.9
0°-30°	1055.1	21.2
0°-40°	1702.1	34.2
0°-60°	2942.1	59.1
0°-90°	3721.3	74.7
90°-120°	223.4	4.5
90°-150°	908.9	18.2
90°-180°	1260.0	25.3
0°-180°	4981.6	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1392	1392	1392	1392	1392	
5°	1391	1392	1396	1385	1370	132
15°	1329	1332	1335	1318	1300	374
25°	1199	1215	1219	1192	1163	552
35°	1028	1054	1059	1028	993	644
45°	841	862	873	843	810	649
55°	645	664	672	649	620	577
65°	444	459	470	445	425	440
75°	241	253	263	243	228	254
85°	49	60	71	51	41	60
90°	1	1	1	2	4	2
95°	4	4	10	16	14	4
105°	15	40	60	44	47	17
115°	173	284	145	77	86	186
125°	425	369	227	125	108	378
135°	467	419	299	200	158	360
145°	488	455	359	277	238	306
155°	495	470	406	346	314	229
165°	490	473	433	398	384	139
175°	469	462	448	434	425	45
180°	447	447	447	447	447	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1392.3	1392.3	1392.3	1392.3	1392.3	1392.3	1392.3	1392.3	1392.3	1392.3	1392.3
2.5°	1389.8	1388.6	1389.8	1388.6	1392.3	1392.3	1392.3	1391.1	1393.6	1398.6	1396.1
5°	1391.1	1389.8	1388.6	1384.8	1387.3	1387.3	1387.3	1386.1	1388.6	1394.8	1392.3
7.5°	1381.1	1381.1	1379.8	1377.3	1379.8	1379.8	1378.6	1377.3	1379.8	1384.8	1383.6
10°	1367.4	1366.1	1364.9	1362.4	1366.1	1366.1	1366.1	1364.9	1367.4	1373.6	1369.9
12.5°	1351.1	1348.7	1347.4	1344.9	1348.7	1348.7	1348.7	1347.4	1349.9	1356.1	1353.6
15°	1328.7	1327.4	1327.4	1326.2	1329.9	1329.9	1329.9	1327.4	1329.9	1334.9	1332.4
17.5°	1301.2	1300.0	1302.5	1301.2	1303.7	1303.7	1303.7	1301.2	1302.5	1310.0	1308.7
20°	1270.1	1268.8	1268.8	1267.6	1271.3	1271.3	1272.5	1270.1	1273.8	1281.3	1281.3
22.5°	1235.1	1235.1	1236.4	1235.1	1237.6	1238.9	1237.6	1236.4	1240.1	1247.6	1250.1
25°	1198.9	1197.7	1197.7	1200.2	1201.4	1202.7	1202.7	1201.4	1203.9	1211.4	1215.2
27.5°	1160.3	1157.8	1160.3	1160.3	1162.8	1164.0	1165.3	1165.3	1167.8	1172.7	1179.0
30°	1116.6	1116.6	1117.8	1119.1	1119.1	1122.8	1124.1	1124.1	1126.6	1132.8	1139.1
32.5°	1074.2	1072.9	1075.4	1076.7	1077.9	1080.4	1080.4	1081.7	1082.9	1089.2	1097.9
35°	1028.0	1029.3	1029.3	1031.8	1034.3	1035.5	1036.8	1035.5	1039.2	1043.0	1054.2
37.5°	984.4	983.1	983.1	984.4	988.1	989.3	990.6	990.6	993.1	998.1	1008.1
40°	936.9	935.7	938.2	939.4	940.7	943.2	943.2	945.7	949.4	953.2	960.6
42.5°	889.5	888.3	890.8	892.0	894.5	895.8	895.8	898.3	902.0	907.0	912.0
45°	840.9	839.6	842.1	843.4	845.9	847.1	847.1	850.9	854.6	857.1	862.1
47.5°	793.5	792.2	793.5	796.0	798.5	799.7	799.7	802.2	804.7	809.7	813.4
50°	744.8	742.3	744.8	746.1	748.6	747.3	749.8	752.3	757.3	762.3	762.3
52.5°	694.9	692.4	694.9	696.2	698.7	699.9	699.9	701.1	707.4	711.1	713.6
55°	645.0	643.8	645.0	646.3	648.8	651.2	650.0	653.7	656.2	661.2	663.7
57.5°	595.1	593.9	595.1	596.4	598.8	600.1	600.1	603.8	605.1	608.8	615.1
60°	545.2	542.7	545.2	546.4	548.9	548.9	550.2	551.4	555.2	560.2	562.7
62.5°	495.3	495.3	495.3	495.3	497.8	497.8	501.5	502.8	502.8	507.8	511.5
65°	444.1	444.1	444.1	444.1	446.6	449.1	447.9	451.6	452.9	456.6	459.1
67.5°	394.2	393.0	394.2	394.2	396.7	398.0	398.0	400.5	401.7	403.0	409.2
70°	343.1	344.3	343.1	343.1	343.1	345.6	348.1	349.3	350.6	351.8	355.6
72.5°	290.7	289.4	290.7	290.7	290.7	293.2	294.4	296.9	296.9	299.4	301.9
75°	240.8	240.8	242.0	240.8	240.8	244.5	244.5	247.0	247.0	249.5	253.3
77.5°	190.9	193.4	192.1	192.1	192.1	194.6	194.6	197.1	198.4	199.6	203.4
80°	142.2	144.7	143.5	143.5	143.5	144.7	146.0	148.5	148.5	151.0	153.5
82.5°	94.8	94.8	96.1	96.1	96.1	97.3	99.8	101.1	101.1	103.6	106.0
85°	48.7	52.4	51.2	51.2	51.2	52.4	53.6	54.9	56.1	57.4	59.9
87.5°	10.0	11.2	11.2	10.0	12.5	11.2	12.5	13.7	13.7	15.0	17.5
90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
92.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
95°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
97.5°	5.0	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	7.5
100°	7.5	7.5	7.5	7.5	7.5	8.7	8.7	8.7	8.7	10.0	11.2
102.5°	10.0	10.0	11.2	11.2	11.2	11.2	11.2	12.5	13.7	15.0	20.0
105°	15.0	13.7	15.0	15.0	15.0	16.2	16.2	18.7	21.2	27.4	39.9
107.5°	20.0	20.0	20.0	21.2	22.5	25.0	26.2	31.2	42.4	59.9	92.3
110°	31.2	29.9	32.4	34.9	42.4	46.2	52.4	71.1	101.1	137.2	175.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	66.1	64.9	73.6	82.3	98.6	113.5	133.5	170.9	209.6	233.3	243.3
115°	173.4	169.7	180.9	203.4	232.1	247.0	260.7	279.5	290.7	290.7	284.5
117.5°	313.1	308.2	320.6	326.9	333.1	338.1	338.1	338.1	333.1	324.4	311.9
120°	383.0	379.3	380.5	378.0	375.5	373.0	370.5	365.5	356.8	346.8	335.6
122.5°	409.2	408.0	405.5	401.7	398.0	394.2	391.7	385.5	376.8	365.5	354.3
125°	425.4	424.2	421.7	417.9	413.0	410.5	408.0	400.5	391.7	381.8	369.3
127.5°	437.9	437.9	434.2	431.7	426.7	424.2	420.4	414.2	405.5	394.2	383.0
130°	449.1	449.1	445.4	444.1	437.9	436.7	432.9	425.4	416.7	406.7	396.7
132.5°	459.1	457.9	456.6	454.1	449.1	446.6	444.1	437.9	427.9	417.9	409.2
135°	466.6	465.4	464.1	461.6	456.6	455.4	452.9	446.6	436.7	427.9	419.2
137.5°	472.8	472.8	470.3	469.1	464.1	462.9	460.4	454.1	445.4	437.9	430.4
140°	479.1	479.1	476.6	475.3	470.3	469.1	467.8	461.6	452.9	446.6	440.4
142.5°	482.8	484.1	481.6	480.3	475.3	474.1	472.8	466.6	460.4	454.1	449.1
145°	487.8	487.8	485.3	484.1	481.6	480.3	477.8	472.8	466.6	460.4	455.4
147.5°	490.3	491.6	489.1	487.8	485.3	484.1	481.6	476.6	470.3	465.4	460.4
150°	494.0	494.0	491.6	490.3	487.8	486.6	485.3	480.3	474.1	470.3	465.4
152.5°	495.3	495.3	492.8	491.6	489.1	487.8	486.6	481.6	476.6	472.8	467.8
155°	495.3	495.3	494.0	491.6	490.3	489.1	486.6	482.8	477.8	475.3	470.3
157.5°	495.3	494.0	494.0	491.6	490.3	487.8	486.6	481.6	479.1	476.6	471.6
160°	494.0	494.0	492.8	490.3	490.3	487.8	486.6	482.8	479.1	477.8	472.8
162.5°	492.8	491.6	491.6	489.1	489.1	487.8	485.3	482.8	479.1	477.8	472.8
165°	490.3	489.1	489.1	486.6	486.6	485.3	484.1	479.1	477.8	476.6	472.8
167.5°	486.6	485.3	484.1	481.6	481.6	480.3	479.1	475.3	474.1	474.1	471.6
170°	481.6	479.1	477.8	476.6	476.6	475.3	474.1	471.6	471.6	471.6	469.1
172.5°	475.3	472.8	472.8	471.6	470.3	470.3	469.1	466.6	466.6	466.6	465.4
175°	469.1	466.6	465.4	464.1	465.4	464.1	462.9	461.6	461.6	462.9	461.6
177.5°	457.9	455.4	456.6	456.6	456.6	456.6	455.4	455.4	455.4	455.4	455.4
180°	446.6	446.6	446.6	446.6	446.6	446.6	446.6	446.6	446.6	446.6	446.6



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1392.3	1392.3	1392.3	1392.3	1392.3	1392.3	1392.3	1392.3	1392.3	1392.3	1392.3
2.5°	1387.3	1383.6	1383.6	1388.6	1389.8	1392.3	1394.8	1399.8	1402.3	1402.3	1401.1
5°	1383.6	1379.8	1378.6	1383.6	1384.8	1387.3	1389.8	1394.8	1396.1	1396.1	1394.8
7.5°	1374.9	1371.1	1369.9	1374.9	1376.1	1378.6	1379.8	1384.8	1387.3	1387.3	1384.8
10°	1361.1	1357.4	1357.4	1362.4	1363.6	1364.9	1367.4	1371.1	1373.6	1373.6	1372.4
12.5°	1344.9	1341.2	1339.9	1344.9	1346.2	1347.4	1349.9	1354.9	1356.1	1356.1	1353.6
15°	1324.9	1320.0	1320.0	1324.9	1326.2	1327.4	1329.9	1333.7	1334.9	1334.9	1332.4
17.5°	1300.0	1297.5	1295.0	1300.0	1301.2	1302.5	1303.7	1308.7	1311.2	1310.0	1307.5
20°	1272.5	1268.8	1266.3	1272.5	1273.8	1275.0	1276.3	1281.3	1283.8	1283.8	1280.0
22.5°	1242.6	1238.9	1236.4	1241.4	1243.9	1243.9	1246.3	1250.1	1252.6	1251.3	1248.8
25°	1208.9	1203.9	1203.9	1207.7	1210.2	1210.2	1212.7	1216.4	1218.9	1218.9	1215.2
27.5°	1172.7	1169.0	1166.5	1169.0	1172.7	1174.0	1176.5	1180.2	1182.7	1182.7	1179.0
30°	1135.3	1131.6	1126.6	1130.3	1134.1	1135.3	1137.8	1142.8	1144.0	1144.0	1137.8
32.5°	1095.4	1089.2	1087.9	1090.4	1092.9	1095.4	1097.9	1101.6	1101.6	1102.9	1099.1
35°	1050.5	1048.0	1045.5	1048.0	1050.5	1051.7	1055.5	1059.2	1059.2	1059.2	1055.5
37.5°	1006.8	1006.8	1001.8	1003.1	1005.6	1006.8	1011.8	1014.3	1015.5	1014.3	1013.0
40°	964.4	960.6	958.2	958.2	959.4	963.1	965.6	968.1	969.4	968.1	965.6
42.5°	918.2	915.7	912.0	912.0	913.2	917.0	922.0	923.2	922.0	922.0	917.0
45°	868.3	868.3	865.8	865.8	865.8	869.6	874.6	875.8	874.6	873.3	870.8
47.5°	818.4	819.7	819.7	818.4	818.4	818.4	823.4	824.7	825.9	824.7	822.2
50°	768.5	769.8	769.8	769.8	768.5	772.3	773.5	776.0	774.8	773.5	772.3
52.5°	716.1	719.9	719.9	721.1	721.1	721.1	726.1	727.3	723.6	722.4	721.1
55°	665.0	670.0	670.0	671.2	671.2	671.2	674.9	677.4	673.7	672.5	671.2
57.5°	615.1	618.8	618.8	621.3	623.8	621.3	623.8	626.3	622.6	623.8	621.3
60°	563.9	566.4	567.7	570.2	571.4	571.4	573.9	576.4	571.4	572.6	571.4
62.5°	515.3	515.3	516.5	519.0	520.2	519.0	521.5	525.2	520.2	521.5	520.2
65°	460.4	464.1	464.1	466.6	467.8	467.8	470.3	472.8	469.1	470.3	466.6
67.5°	409.2	411.7	413.0	416.7	419.2	417.9	419.2	421.7	419.2	420.4	416.7
70°	358.1	360.6	360.6	361.8	365.5	366.8	368.0	369.3	368.0	369.3	366.8
72.5°	304.4	305.7	306.9	308.2	311.9	311.9	313.1	314.4	318.1	315.6	315.6
75°	253.3	255.8	255.8	259.5	262.0	262.0	263.2	264.5	267.0	263.2	263.2
77.5°	203.4	205.9	205.9	209.6	210.8	210.8	213.3	214.6	215.8	214.6	214.6
80°	154.7	155.9	157.2	158.4	160.9	162.2	163.4	164.7	165.9	164.7	165.9
82.5°	108.5	108.5	109.8	111.0	113.5	114.8	116.0	117.3	118.5	117.3	118.5
85°	61.1	63.6	63.6	67.4	68.6	68.6	69.9	71.1	72.4	71.1	72.4
87.5°	18.7	21.2	22.5	23.7	26.2	26.2	28.7	29.9	29.9	28.7	29.9
90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
92.5°	2.5	2.5	2.5	3.7	3.7	3.7	5.0	5.0	5.0	3.7	5.0
95°	5.0	5.0	6.2	8.7	11.2	12.5	15.0	15.0	12.5	10.0	10.0
97.5°	8.7	10.0	15.0	21.2	23.7	27.4	29.9	27.4	22.5	18.7	17.5
100°	15.0	20.0	31.2	43.7	47.4	51.2	49.9	43.7	36.2	29.9	26.2
102.5°	27.4	42.4	63.6	76.1	78.6	78.6	72.4	62.4	52.4	43.7	38.7
105°	61.1	87.3	111.0	113.5	112.3	108.5	97.3	84.8	72.4	59.9	53.6
107.5°	126.0	148.5	155.9	148.5	144.7	137.2	123.5	108.5	92.3	79.8	69.9
110°	195.9	198.4	190.9	178.4	170.9	164.7	147.2	132.2	114.8	99.8	88.6



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CATALOG NUMBER: CTW-F-2575-40L930-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	243.3	234.5	220.8	205.9	198.4	189.6	173.4	155.9	137.2	121.0	108.5
115°	274.5	260.7	245.8	229.6	222.1	214.6	197.1	178.4	159.7	144.7	129.8
117.5°	298.2	283.2	268.2	252.0	244.5	237.0	218.3	200.9	180.9	165.9	151.0
120°	318.1	304.4	288.2	273.2	265.7	258.3	239.5	222.1	203.4	187.1	170.9
122.5°	340.6	326.9	306.9	293.2	285.7	277.0	259.5	242.0	223.3	207.1	190.9
125°	356.8	343.1	328.1	310.7	303.2	294.4	277.0	260.7	243.3	227.1	212.1
127.5°	373.0	359.3	345.6	329.4	320.6	310.7	294.4	278.2	262.0	247.0	230.8
130°	386.8	374.3	360.6	345.6	336.9	329.4	310.7	294.4	279.5	264.5	250.8
132.5°	400.5	388.0	373.0	359.3	350.6	344.3	329.4	311.9	296.9	283.2	268.2
135°	410.5	399.2	384.3	369.3	363.1	356.8	343.1	329.4	313.1	299.4	285.7
137.5°	421.7	409.2	394.2	380.5	374.3	369.3	356.8	343.1	330.6	315.6	301.9
140°	430.4	417.9	404.2	390.5	385.5	380.5	369.3	356.8	345.6	333.1	318.1
142.5°	437.9	425.4	411.7	399.2	395.5	390.5	379.3	369.3	358.1	346.8	334.4
145°	445.4	431.7	419.2	409.2	404.2	399.2	390.5	380.5	370.5	359.3	348.1
147.5°	451.6	437.9	426.7	416.7	413.0	409.2	399.2	390.5	381.8	371.8	360.6
150°	456.6	444.1	434.2	425.4	421.7	417.9	408.0	400.5	393.0	383.0	373.0
152.5°	459.1	447.9	439.2	431.7	429.2	425.4	417.9	410.5	403.0	394.2	385.5
155°	461.6	451.6	444.1	437.9	435.4	432.9	425.4	419.2	413.0	405.5	395.5
157.5°	462.9	455.4	447.9	442.9	440.4	437.9	431.7	426.7	420.4	413.0	405.5
160°	465.4	457.9	450.4	446.6	445.4	442.9	436.7	432.9	427.9	420.4	414.2
162.5°	465.4	459.1	452.9	450.4	449.1	447.9	441.6	437.9	434.2	427.9	421.7
165°	466.6	460.4	455.4	452.9	451.6	450.4	446.6	442.9	439.2	432.9	429.2
167.5°	465.4	460.4	456.6	454.1	452.9	451.6	449.1	446.6	442.9	439.2	434.2
170°	462.9	459.1	456.6	455.4	454.1	452.9	450.4	449.1	445.4	442.9	439.2
172.5°	460.4	456.6	454.1	454.1	452.9	452.9	451.6	450.4	447.9	445.4	442.9
175°	456.6	454.1	451.6	451.6	451.6	451.6	450.4	450.4	449.1	447.9	445.4
177.5°	451.6	449.1	447.9	447.9	449.1	449.1	449.1	449.1	449.1	449.1	447.9
180°	446.6	446.6	446.6	446.6	446.6	446.6	446.6	446.6	446.6	446.6	446.6



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CATALOG NUMBER: CTW-F-2575-40L930-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1392.3	1392.3	1392.3	1392.3	1392.3	1392.3	1392.3	1392.3	1392.3	1392.3	1392.3
2.5°	1392.3	1383.6	1383.6	1384.8	1387.3	1389.8	1389.8	1384.8	1391.1	1396.1	1391.1
5°	1386.1	1377.3	1378.6	1378.6	1381.1	1383.6	1383.6	1378.6	1384.8	1388.6	1382.3
7.5°	1376.1	1367.4	1367.4	1368.6	1369.9	1372.4	1372.4	1367.4	1373.6	1377.3	1371.1
10°	1362.4	1353.6	1353.6	1353.6	1356.1	1358.6	1357.4	1352.4	1358.6	1361.1	1356.1
12.5°	1343.7	1336.2	1336.2	1336.2	1337.4	1339.9	1338.7	1332.4	1339.9	1341.2	1334.9
15°	1322.5	1316.2	1315.0	1315.0	1316.2	1318.7	1316.2	1310.0	1317.5	1318.7	1313.7
17.5°	1298.7	1291.3	1290.0	1290.0	1291.3	1293.8	1290.0	1283.8	1290.0	1290.0	1285.0
20°	1271.3	1262.6	1261.3	1261.3	1262.6	1263.8	1258.8	1255.1	1261.3	1260.1	1255.1
22.5°	1240.1	1231.4	1230.1	1230.1	1231.4	1232.6	1226.4	1223.9	1227.6	1226.4	1220.1
25°	1205.2	1198.9	1197.7	1196.4	1198.9	1196.4	1192.7	1189.0	1191.5	1189.0	1182.7
27.5°	1169.0	1161.5	1159.0	1160.3	1162.8	1161.5	1152.8	1151.5	1155.3	1150.3	1144.0
30°	1129.1	1122.8	1120.3	1121.6	1121.6	1121.6	1112.9	1114.1	1115.4	1111.6	1102.9
32.5°	1087.9	1082.9	1081.7	1081.7	1082.9	1080.4	1071.7	1072.9	1072.9	1066.7	1060.5
35°	1045.5	1040.5	1038.0	1039.2	1040.5	1035.5	1028.0	1030.5	1028.0	1023.0	1016.8
37.5°	1001.8	995.6	995.6	995.6	996.8	990.6	983.1	986.8	983.1	976.9	971.9
40°	954.4	949.4	950.7	950.7	951.9	946.9	940.7	940.7	936.9	930.7	924.5
42.5°	910.7	904.5	907.0	907.0	907.0	899.5	895.8	894.5	892.0	885.8	880.8
45°	862.1	857.1	860.8	859.6	860.8	852.1	849.6	847.1	843.4	838.4	832.1
47.5°	812.2	809.7	813.4	813.4	813.4	804.7	802.2	798.5	796.0	791.0	782.2
50°	762.3	762.3	764.8	766.0	763.5	756.0	753.5	748.6	746.1	741.1	733.6
52.5°	714.9	712.4	716.1	716.1	713.6	707.4	703.6	699.9	696.2	691.2	686.2
55°	666.2	663.7	667.5	665.0	663.7	658.7	653.7	650.0	648.8	641.3	636.3
57.5°	616.3	615.1	617.6	616.3	612.6	608.8	603.8	601.3	597.6	591.4	587.6
60°	566.4	566.4	566.4	565.2	562.7	557.7	553.9	551.4	546.4	541.5	539.0
62.5°	516.5	516.5	515.3	514.0	511.5	507.8	502.8	502.8	495.3	490.3	489.1
65°	466.6	465.4	464.1	460.4	460.4	457.9	452.9	449.1	445.4	440.4	439.2
67.5°	416.7	414.2	410.5	410.5	408.0	406.7	401.7	398.0	395.5	391.7	389.3
70°	366.8	363.1	359.3	360.6	356.8	355.6	350.6	349.3	343.1	339.3	339.3
72.5°	313.1	309.4	305.7	306.9	304.4	301.9	298.2	294.4	290.7	289.4	286.9
75°	263.2	258.3	255.8	255.8	253.3	250.8	248.3	244.5	243.3	240.8	238.3
77.5°	212.1	208.3	207.1	207.1	203.4	202.1	199.6	198.4	194.6	194.6	189.6
80°	163.4	159.7	158.4	157.2	157.2	153.5	152.2	148.5	147.2	144.7	141.0
82.5°	114.8	112.3	111.0	111.0	111.0	106.0	104.8	101.1	99.8	96.1	92.3
85°	69.9	67.4	64.9	66.1	64.9	59.9	58.6	53.6	51.2	49.9	47.4
87.5°	28.7	25.0	22.5	21.2	21.2	18.7	17.5	16.2	12.5	11.2	10.0
90°	1.2	1.2	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.7	3.7
92.5°	6.2	7.5	7.5	7.5	8.7	8.7	7.5	7.5	7.5	7.5	6.2
95°	11.2	12.5	15.0	15.0	16.2	17.5	17.5	16.2	16.2	16.2	15.0
97.5°	16.2	18.7	18.7	20.0	21.2	22.5	23.7	25.0	25.0	25.0	25.0
100°	25.0	23.7	26.2	27.4	27.4	27.4	28.7	29.9	31.2	32.4	32.4
102.5°	36.2	32.4	32.4	32.4	34.9	37.4	34.9	34.9	36.2	37.4	38.7
105°	47.4	43.7	41.2	41.2	41.2	43.7	46.2	44.9	43.7	44.9	44.9
107.5°	62.4	56.1	51.2	51.2	51.2	49.9	52.4	53.6	56.1	54.9	52.4
110°	78.6	71.1	64.9	61.1	61.1	59.9	59.9	61.1	63.6	64.9	66.1



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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	97.3	87.3	78.6	77.4	73.6	69.9	68.6	68.6	69.9	72.4	74.9
115°	117.3	106.0	94.8	92.3	88.6	81.1	78.6	77.4	77.4	78.6	81.1
117.5°	137.2	124.8	113.5	108.5	104.8	97.3	91.1	87.3	86.1	86.1	87.3
120°	157.2	146.0	133.5	127.3	122.3	113.5	104.8	98.6	96.1	94.8	94.8
122.5°	177.2	165.9	152.2	147.2	142.2	131.0	122.3	113.5	108.5	104.8	103.6
125°	197.1	185.9	173.4	167.2	160.9	149.7	141.0	132.2	124.8	118.5	114.8
127.5°	217.1	204.6	193.4	188.4	182.1	169.7	158.4	149.7	142.2	134.7	128.5
130°	234.5	224.6	213.3	208.3	202.1	188.4	178.4	169.7	160.9	152.2	146.0
132.5°	254.5	242.0	232.1	227.1	220.8	208.3	198.4	188.4	180.9	172.2	164.7
135°	270.7	260.7	249.5	244.5	239.5	228.3	218.3	208.3	199.6	192.1	185.9
137.5°	288.2	277.0	267.0	263.2	257.0	245.8	238.3	228.3	219.6	210.8	204.6
140°	304.4	293.2	283.2	279.5	274.5	264.5	254.5	247.0	238.3	230.8	224.6
142.5°	320.6	306.9	299.4	295.7	290.7	280.7	272.0	265.7	258.3	250.8	244.5
145°	335.6	325.6	313.1	310.7	306.9	296.9	289.4	283.2	277.0	269.5	263.2
147.5°	348.1	339.3	330.6	328.1	324.4	314.4	305.7	300.7	294.4	288.2	282.0
150°	361.8	353.1	345.6	343.1	339.3	333.1	324.4	315.6	311.9	304.4	299.4
152.5°	374.3	365.5	358.1	356.8	353.1	346.8	339.3	333.1	330.6	324.4	315.6
155°	385.5	376.8	370.5	369.3	366.8	360.6	354.3	348.1	345.6	339.3	334.4
157.5°	395.5	386.8	381.8	380.5	378.0	373.0	366.8	360.6	359.3	354.3	350.6
160°	405.5	396.7	393.0	391.7	389.3	385.5	380.5	374.3	374.3	369.3	365.5
162.5°	413.0	406.7	403.0	400.5	399.2	396.7	391.7	386.8	386.8	383.0	379.3
165°	421.7	414.2	411.7	410.5	409.2	406.7	403.0	398.0	398.0	395.5	391.7
167.5°	427.9	421.7	419.2	417.9	416.7	415.4	413.0	408.0	408.0	406.7	403.0
170°	432.9	427.9	425.4	424.2	424.2	422.9	421.7	417.9	417.9	416.7	413.0
172.5°	437.9	432.9	431.7	431.7	430.4	430.4	429.2	425.4	425.4	426.7	422.9
175°	441.6	436.7	436.7	435.4	436.7	436.7	435.4	432.9	434.2	435.4	432.9
177.5°	442.9	440.4	440.4	440.4	440.4	441.6	441.6	437.9	440.4	442.9	439.2
180°	446.6	446.6	446.6	446.6	446.6	446.6	446.6	446.6	446.6	446.6	446.6



TEST NUMBER: P303088

CATALOG NUMBER: CTW-F-2575-40L930-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	1392.3	1392.3	1392.3	1392.3	1392.3	1392.3	1392.3	1392.3
2.5°	1391.1	1388.6	1387.3	1387.3	1388.6	1381.1	1374.9	1373.6
5°	1382.3	1379.8	1378.6	1378.6	1381.1	1376.1	1371.1	1369.9
7.5°	1369.9	1368.6	1366.1	1367.4	1371.1	1366.1	1361.1	1361.1
10°	1353.6	1352.4	1349.9	1351.1	1353.6	1348.7	1343.7	1343.7
12.5°	1333.7	1329.9	1328.7	1329.9	1332.4	1327.4	1322.5	1323.7
15°	1310.0	1307.5	1306.2	1307.5	1310.0	1305.0	1298.7	1300.0
17.5°	1283.8	1280.0	1280.0	1281.3	1282.5	1276.3	1270.1	1270.1
20°	1251.3	1247.6	1247.6	1248.8	1248.8	1241.4	1237.6	1237.6
22.5°	1215.2	1211.4	1210.2	1212.7	1212.7	1206.4	1202.7	1201.4
25°	1179.0	1172.7	1172.7	1175.2	1174.0	1169.0	1164.0	1162.8
27.5°	1141.6	1134.1	1136.6	1136.6	1135.3	1127.8	1124.1	1122.8
30°	1100.4	1094.1	1092.9	1095.4	1091.6	1085.4	1082.9	1080.4
32.5°	1058.0	1051.7	1053.0	1051.7	1049.2	1043.0	1038.0	1038.0
35°	1014.3	1006.8	1009.3	1008.1	1003.1	999.3	995.6	993.1
37.5°	968.1	961.9	964.4	961.9	958.2	954.4	949.4	948.2
40°	920.7	918.2	918.2	915.7	912.0	907.0	905.8	902.0
42.5°	873.3	872.1	872.1	868.3	864.6	860.8	858.3	857.1
45°	827.2	823.4	825.9	822.2	817.2	813.4	810.9	809.7
47.5°	779.7	776.0	776.0	773.5	768.5	766.0	763.5	763.5
50°	732.3	727.3	726.1	724.9	721.1	718.6	714.9	716.1
52.5°	683.7	681.2	679.9	676.2	672.5	670.0	668.7	670.0
55°	635.0	632.5	630.0	627.5	623.8	621.3	618.8	620.1
57.5°	586.4	581.4	581.4	577.6	575.1	572.6	570.2	570.2
60°	536.5	534.0	531.5	529.0	526.5	524.0	524.0	521.5
62.5°	486.6	484.1	481.6	477.8	476.6	474.1	475.3	472.8
65°	436.7	432.9	432.9	429.2	427.9	425.4	426.7	425.4
67.5°	386.8	384.3	383.0	380.5	378.0	376.8	376.8	376.8
70°	336.9	334.4	333.1	333.1	329.4	325.6	328.1	326.9
72.5°	284.5	283.2	280.7	279.5	277.0	275.7	277.0	275.7
75°	235.8	234.5	233.3	232.1	228.3	228.3	229.6	228.3
77.5°	187.1	185.9	184.6	185.9	180.9	180.9	180.9	179.7
80°	139.7	138.5	136.0	137.2	134.7	132.2	132.2	134.7
82.5°	89.8	89.8	87.3	87.3	87.3	83.6	84.8	86.1
85°	46.2	46.2	44.9	46.2	42.4	42.4	42.4	41.2
87.5°	10.0	10.0	8.7	10.0	8.7	8.7	8.7	10.0
90°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
92.5°	6.2	6.2	6.2	7.5	6.2	6.2	6.2	6.2
95°	15.0	16.2	16.2	16.2	15.0	15.0	15.0	13.7
97.5°	25.0	25.0	25.0	25.0	23.7	23.7	23.7	22.5
100°	32.4	33.7	33.7	33.7	33.7	33.7	33.7	32.4
102.5°	39.9	39.9	39.9	41.2	41.2	41.2	41.2	39.9
105°	44.9	46.2	46.2	47.4	48.7	48.7	48.7	47.4
107.5°	53.6	53.6	53.6	53.6	53.6	54.9	53.6	53.6
110°	64.9	63.6	63.6	63.6	62.4	62.4	62.4	62.4



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CATALOG NUMBER: CTW-F-2575-40L930-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	76.1	76.1	76.1	76.1	76.1	74.9	74.9	74.9
115°	82.3	84.8	84.8	84.8	84.8	84.8	86.1	86.1
117.5°	88.6	89.8	91.1	91.1	92.3	92.3	93.6	93.6
120°	94.8	96.1	96.1	97.3	97.3	97.3	98.6	98.6
122.5°	102.3	102.3	102.3	102.3	103.6	102.3	103.6	103.6
125°	112.3	111.0	111.0	109.8	109.8	108.5	108.5	108.5
127.5°	124.8	122.3	121.0	119.8	118.5	117.3	116.0	116.0
130°	141.0	136.0	134.7	133.5	129.8	128.5	127.3	127.3
132.5°	158.4	154.7	152.2	149.7	146.0	143.5	142.2	141.0
135°	179.7	174.7	170.9	168.4	164.7	160.9	158.4	158.4
137.5°	198.4	193.4	190.9	188.4	184.6	180.9	179.7	178.4
140°	218.3	213.3	210.8	208.3	204.6	200.9	198.4	198.4
142.5°	237.0	232.1	230.8	228.3	224.6	220.8	219.6	218.3
145°	257.0	252.0	249.5	248.3	244.5	240.8	238.3	238.3
147.5°	275.7	270.7	269.5	267.0	264.5	259.5	258.3	257.0
150°	294.4	289.4	288.2	286.9	284.5	279.5	277.0	277.0
152.5°	311.9	306.9	305.7	305.7	303.2	299.4	296.9	295.7
155°	330.6	326.9	325.6	325.6	323.1	318.1	314.4	314.4
157.5°	346.8	343.1	341.8	341.8	339.3	336.9	335.6	335.6
160°	363.1	359.3	358.1	358.1	356.8	354.3	353.1	353.1
162.5°	376.8	374.3	373.0	373.0	373.0	370.5	368.0	369.3
165°	390.5	386.8	386.8	385.5	386.8	384.3	383.0	384.3
167.5°	400.5	399.2	398.0	398.0	398.0	396.7	396.7	396.7
170°	411.7	410.5	410.5	409.2	409.2	409.2	406.7	408.0
172.5°	421.7	420.4	420.4	420.4	420.4	419.2	416.7	417.9
175°	431.7	430.4	430.4	430.4	430.4	429.2	425.4	425.4
177.5°	440.4	440.4	439.2	439.2	439.2	436.7	431.7	432.9
180°	446.6	446.6	446.6	446.6	446.6	446.6	446.6	446.6

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