

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: P303113

Luminaire Tested: **CTW-F-2575-50L940-UNV-STD-8**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P303113  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: CTW-F-2575-50L940-UNV-STD-8  
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE  
25% UPLIGHT, 75% DOWNLIGHT, 5000 LUMEN PACKAGE  
Light Source: 4000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

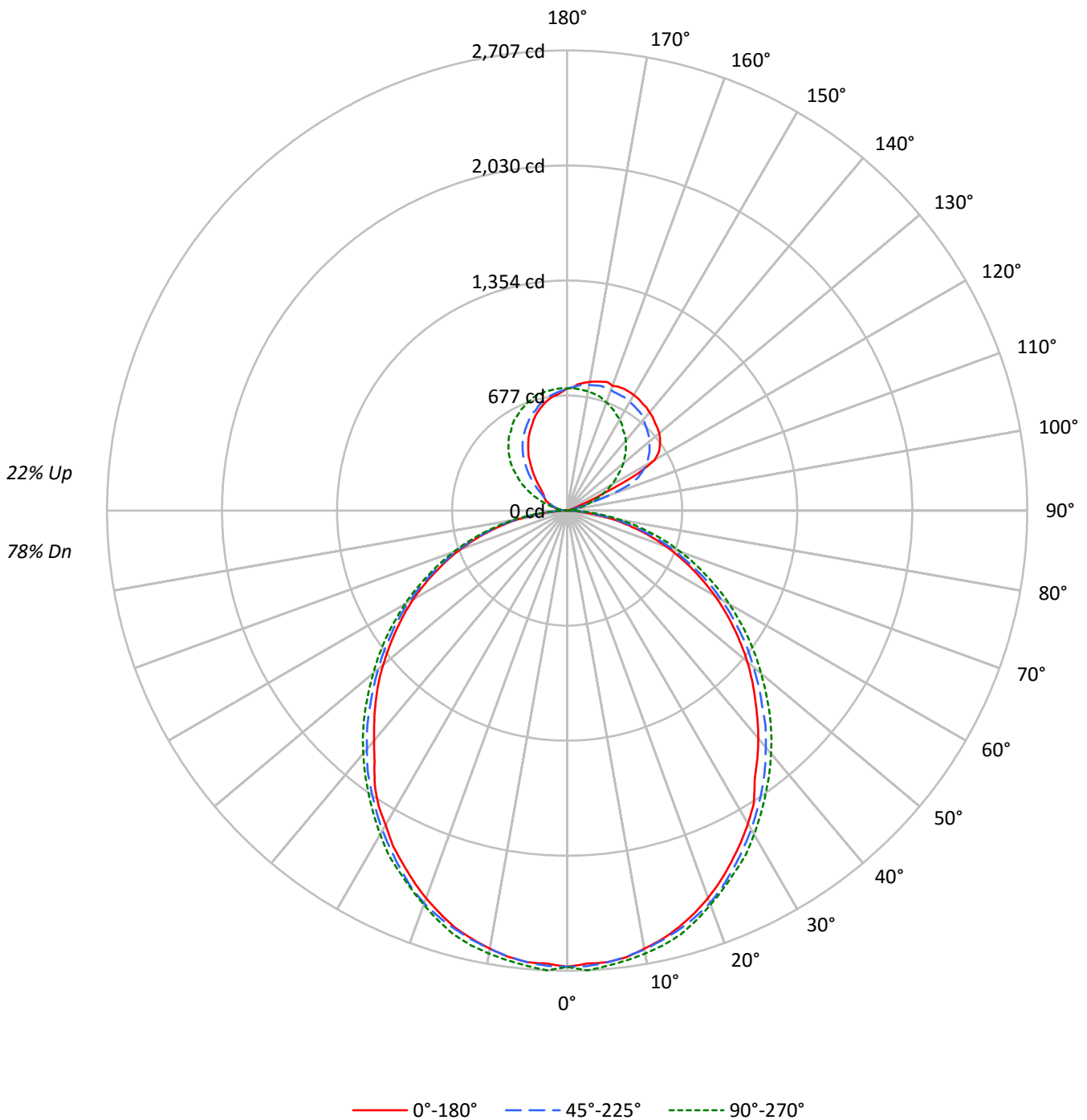
Lumens per Lamp: N/A  
Luminaire Lumens: 9169.5 lumens  
Efficiency: N/A  
Efficacy: 107.6 lumens/watt  
Spacing Criteria (0/90/45): 1.19 / 1.22 / 1.32  
Luminous Opening: Rectangular (W 8' x L: 0.12' x H: 0')  
CIE Type: Semi-Direct

Input Watts (W): 85.2  
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	50	30	10	0	
RCR																						
0	114	114	114	114	109	109	109	109	99	99	99	90	90	90	82	82	82	78				
1	104	99	95	91	99	95	91	88	87	84	81	79	77	75	72	70	69	65				
2	94	87	80	74	90	83	77	72	76	71	67	69	66	62	63	60	58	54				
3	86	76	68	62	82	73	66	60	67	61	56	61	56	53	56	52	49	46				
4	79	67	59	52	75	65	57	51	59	53	48	54	49	45	50	46	42	39				
5	72	60	52	45	69	58	50	44	53	47	41	49	43	39	45	40	37	34				
6	67	54	45	39	64	52	44	38	48	41	36	44	39	34	41	36	32	30				
7	62	49	41	35	59	47	39	34	44	37	32	40	35	30	37	32	29	26				
8	58	45	36	31	55	43	35	30	40	33	29	37	31	27	34	29	26	24				
9	54	41	33	28	51	39	32	27	37	30	26	34	29	25	32	27	23	21				
10	50	38	30	25	48	36	29	24	34	28	23	32	26	22	29	25	21	19				

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°
0°	28887	28887	28887
5°	28822	29056	28822
10°	28605	28920	28605
15°	28281	28763	28322
20°	27772	28267	27793
25°	27107	27812	27193
30°	26444	27339	26534
35°	25285	26751	25923
40°	24584	26228	24812
45°	23811	25619	24249
50°	23179	24928	23662
55°	22396	24355	23038
60°	21623	23754	22514
65°	20676	23014	21777
70°	19544	22320	21017
75°	17817	21410	19838
80°	15063	19972	17964
85°	8892	16895	13561



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	253.0	2.8
10°-20°	717.1	7.8
20°-30°	1061.6	11.6
30°-40°	1244.2	13.6
40°-50°	1256.6	13.7
50°-60°	1119.8	12.2
60°-70°	858.2	9.4
70°-80°	507.2	5.5
80°-90°	135.8	1.5
90°-100°	21.6	0.2
100°-110°	87.7	1.0
110°-120°	242.9	2.6
120°-130°	353.0	3.8
130°-140°	381.6	4.2
140°-150°	364.7	4.0
150°-160°	299.6	3.3
160°-170°	196.7	2.1
170°-180°	68.2	0.7
0°-30°	2031.6	22.2
0°-40°	3275.8	35.7
0°-60°	5652.2	61.6
0°-90°	7153.4	78.0
90°-120°	352.3	3.8
90°-150°	1451.5	15.8
90°-180°	2016.0	22.0
0°-180°	9169.5	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	2684	2684	2684	2684	2684	
5°	2668	2669	2689	2668	2668	253
15°	2538	2550	2581	2549	2542	715
25°	2282	2318	2342	2324	2290	1052
35°	1924	2000	2036	2009	1973	1211
45°	1564	1622	1683	1642	1593	1208
55°	1193	1240	1298	1262	1228	1068
65°	812	850	904	877	855	804
75°	428	461	515	491	477	454
85°	72	97	137	124	110	96
90°	2	2	2	5	7	2
95°	5	5	16	29	29	5
105°	20	50	97	74	83	24
115°	221	459	230	122	137	266
125°	666	590	364	202	173	592
135°	731	666	488	328	261	566
145°	770	724	574	457	396	484
155°	790	747	650	558	517	365
165°	785	760	702	641	619	222
175°	747	738	718	697	684	72
180°	718	718	718	718	718	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2683.7	2683.7	2683.7	2683.7	2683.7	2683.7	2683.7	2683.7	2683.7	2683.7	2683.7
2.5°	2667.5	2663.9	2671.1	2676.5	2676.5	2680.1	2683.7	2689.1	2685.5	2694.5	2681.9
5°	2667.5	2662.1	2665.7	2665.7	2663.9	2667.5	2669.3	2676.5	2672.9	2681.9	2669.3
7.5°	2651.3	2647.7	2647.7	2649.5	2644.1	2647.7	2649.5	2654.9	2649.5	2658.5	2647.7
10°	2617.1	2615.3	2617.1	2618.9	2613.5	2617.1	2617.1	2620.7	2620.7	2627.9	2620.7
12.5°	2582.9	2577.5	2581.1	2579.3	2573.9	2577.5	2579.3	2586.5	2586.5	2591.9	2588.3
15°	2537.9	2536.1	2539.7	2539.7	2534.3	2536.1	2537.9	2543.3	2545.1	2550.5	2550.5
17.5°	2485.7	2482.1	2485.7	2485.7	2482.1	2483.9	2487.5	2494.7	2496.5	2503.7	2507.3
20°	2424.5	2419.1	2420.9	2420.9	2420.9	2422.7	2426.3	2435.3	2442.5	2451.5	2456.9
22.5°	2357.9	2352.5	2350.7	2350.7	2352.5	2354.3	2354.3	2370.5	2379.5	2384.9	2392.1
25°	2282.4	2277.0	2277.0	2282.4	2280.6	2284.2	2289.6	2304.0	2311.2	2305.8	2318.4
27.5°	2206.8	2203.2	2199.6	2203.2	2206.8	2210.4	2219.4	2230.2	2230.2	2233.8	2242.8
30°	2127.6	2118.6	2118.6	2124.0	2129.4	2136.6	2143.8	2149.2	2147.4	2152.8	2165.4
32.5°	2043.0	2039.4	2035.8	2041.2	2050.2	2055.6	2059.2	2059.2	2061.0	2070.0	2082.6
35°	1924.2	1922.4	1929.6	1945.8	1960.2	1969.2	1967.4	1967.4	1972.8	1983.6	1999.8
37.5°	1837.8	1836.0	1836.0	1845.0	1848.6	1854.0	1857.6	1873.8	1886.4	1902.6	1911.6
40°	1749.6	1747.8	1746.0	1756.8	1760.4	1760.4	1764.0	1771.2	1787.4	1816.2	1818.0
42.5°	1656.0	1657.8	1656.0	1665.0	1668.6	1672.2	1674.0	1679.4	1690.2	1708.2	1728.0
45°	1564.2	1566.0	1564.2	1573.2	1576.8	1578.6	1582.2	1587.6	1596.6	1612.8	1621.8
47.5°	1474.2	1474.2	1470.6	1481.4	1485.0	1488.6	1490.4	1494.0	1508.4	1519.2	1528.2
50°	1384.2	1380.6	1377.0	1387.8	1391.4	1395.0	1398.6	1404.0	1407.6	1425.6	1431.0
52.5°	1288.8	1287.0	1285.2	1294.2	1297.8	1299.6	1305.0	1310.4	1317.6	1333.8	1339.2
55°	1193.4	1193.4	1189.8	1198.8	1200.6	1206.0	1209.6	1216.8	1220.4	1236.6	1240.2
57.5°	1099.8	1099.8	1094.4	1103.4	1105.2	1110.6	1114.2	1119.6	1125.0	1135.8	1144.8
60°	1004.4	999.0	999.0	1006.2	1009.8	1015.2	1018.8	1024.2	1027.8	1038.6	1045.8
62.5°	907.2	909.0	909.0	910.8	919.8	918.0	918.0	928.8	932.4	939.6	952.2
65°	811.8	810.0	810.0	815.4	819.0	820.8	820.8	833.4	837.0	842.4	849.6
67.5°	716.4	718.2	718.2	718.2	727.2	725.4	725.4	736.2	739.8	745.2	748.8
70°	621.0	622.8	624.6	622.8	631.8	628.2	633.6	639.0	642.6	649.8	655.2
72.5°	525.6	527.4	529.2	529.2	536.4	532.8	538.2	543.6	552.6	554.4	558.0
75°	428.4	430.2	432.0	432.0	437.4	433.8	439.2	444.6	448.2	455.4	460.8
77.5°	334.8	336.6	340.2	340.2	343.8	340.2	345.6	352.8	356.4	360.0	367.2
80°	243.0	244.8	248.4	248.4	253.8	250.2	253.8	259.2	264.6	270.0	273.6
82.5°	154.8	156.6	158.4	160.2	165.6	165.6	165.6	171.0	178.2	178.2	183.6
85°	72.0	73.8	75.6	75.6	81.0	81.0	81.0	86.4	90.0	93.6	97.2
87.5°	9.0	10.8	10.8	10.8	12.6	12.6	12.6	14.4	16.2	18.0	21.6
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°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
95°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
97.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	9.0	9.0	9.0	10.8
100°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	12.6	12.6	14.4	16.2
102.5°	14.4	14.4	14.4	16.2	16.2	16.2	16.2	18.0	19.8	21.6	27.0
105°	19.8	19.8	19.8	21.6	21.6	23.4	23.4	25.2	30.6	36.0	50.4
107.5°	28.8	28.8	28.8	30.6	32.4	34.2	36.0	43.2	54.0	75.6	117.0
110°	43.2	43.2	45.0	48.6	55.8	61.2	66.6	91.8	129.6	189.0	261.0



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	86.4	88.2	95.4	106.2	133.2	145.8	167.4	232.2	298.8	361.8	392.4
115°	221.4	226.8	234.0	270.0	324.0	343.8	372.6	433.8	459.0	466.2	459.0
117.5°	460.8	468.0	469.8	502.2	514.8	520.2	527.4	534.6	525.6	514.8	500.4
120°	594.0	597.6	592.2	588.6	592.2	586.8	583.2	574.2	559.8	550.8	536.4
122.5°	639.0	640.8	633.6	628.2	624.6	622.8	617.4	603.0	586.8	579.6	563.4
125°	666.0	666.0	662.4	653.4	649.8	648.0	642.6	631.8	615.6	603.0	590.4
127.5°	689.4	689.4	682.2	675.0	671.4	669.6	658.8	649.8	640.8	624.6	610.2
130°	707.4	705.6	700.2	693.0	691.2	685.8	682.2	669.6	660.6	649.8	631.8
132.5°	720.0	721.8	714.6	714.6	711.0	700.2	698.4	687.6	676.8	664.2	651.6
135°	730.8	736.2	730.8	729.0	723.6	714.6	709.2	702.0	691.2	678.6	666.0
137.5°	745.2	741.6	743.4	739.8	736.2	729.0	723.6	720.0	707.4	696.6	682.2
140°	754.2	754.2	754.2	750.6	743.4	741.6	741.6	729.0	727.2	714.6	698.4
142.5°	765.0	763.2	761.4	756.0	757.8	752.4	745.2	745.2	734.4	725.4	716.4
145°	770.4	772.2	763.2	768.6	761.4	759.6	752.4	752.4	745.2	730.8	723.6
147.5°	779.4	777.6	772.2	774.0	768.6	766.8	761.4	757.8	747.0	739.8	730.8
150°	784.8	777.6	781.2	781.2	768.6	768.6	766.8	765.0	756.0	748.8	738.0
152.5°	788.4	784.8	783.0	784.8	774.0	774.0	772.2	765.0	761.4	752.4	745.2
155°	790.2	784.8	784.8	784.8	779.4	775.8	772.2	766.8	763.2	754.2	747.0
157.5°	788.4	788.4	783.0	784.8	783.0	777.6	768.6	768.6	768.6	759.6	748.8
160°	781.2	784.8	784.8	784.8	783.0	781.2	770.4	772.2	766.8	763.2	752.4
162.5°	792.0	784.8	784.8	783.0	781.2	779.4	775.8	775.8	770.4	763.2	757.8
165°	784.8	784.8	784.8	775.8	779.4	775.8	772.2	772.2	768.6	759.6	759.6
167.5°	777.6	775.8	774.0	770.4	772.2	766.8	765.0	766.8	761.4	759.6	754.2
170°	768.6	768.6	765.0	765.0	763.2	761.4	763.2	763.2	757.8	759.6	750.6
172.5°	757.8	761.4	759.6	757.8	754.2	754.2	752.4	750.6	748.8	752.4	745.2
175°	747.0	747.0	747.0	747.0	747.0	747.0	745.2	748.8	743.4	743.4	738.0
177.5°	723.6	730.8	727.2	736.2	738.0	736.2	738.0	736.2	730.8	736.2	725.4
180°	718.2	718.2	718.2	718.2	718.2	718.2	718.2	718.2	718.2	718.2	718.2



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	2683.7	2683.7	2683.7	2683.7	2683.7	2683.7	2683.7	2683.7	2683.7	2683.7	2683.7
2.5°	2672.9	2674.7	2674.7	2676.5	2678.3	2676.5	2676.5	2689.1	2699.9	2707.1	2699.9
5°	2658.5	2658.5	2658.5	2660.3	2662.1	2660.3	2660.3	2672.9	2683.7	2689.1	2683.7
7.5°	2636.9	2636.9	2636.9	2638.7	2640.5	2640.5	2640.5	2653.1	2663.9	2669.3	2662.1
10°	2608.1	2609.9	2609.9	2611.7	2615.3	2615.3	2617.1	2627.9	2638.7	2645.9	2638.7
12.5°	2573.9	2577.5	2579.3	2582.9	2584.7	2586.5	2588.3	2600.9	2609.9	2618.9	2611.7
15°	2537.9	2541.5	2545.1	2548.7	2550.5	2552.3	2552.3	2564.9	2573.9	2581.1	2573.9
17.5°	2494.7	2498.3	2496.5	2498.3	2498.3	2498.3	2498.3	2507.3	2518.1	2527.1	2518.1
20°	2435.3	2437.1	2435.3	2435.3	2437.1	2438.9	2437.1	2449.7	2458.7	2467.7	2458.7
22.5°	2370.5	2368.7	2368.7	2372.3	2372.3	2377.7	2377.7	2388.5	2397.5	2404.7	2399.3
25°	2298.6	2300.4	2302.2	2304.0	2307.6	2311.2	2314.8	2325.6	2336.3	2341.7	2336.3
27.5°	2228.4	2228.4	2230.2	2237.4	2239.2	2246.4	2250.0	2260.8	2269.8	2278.8	2271.6
30°	2156.4	2156.4	2163.6	2167.2	2169.0	2172.6	2170.8	2183.4	2190.6	2199.6	2197.8
32.5°	2082.6	2082.6	2082.6	2084.4	2086.2	2091.6	2089.8	2104.2	2115.0	2118.6	2116.8
35°	2001.6	1992.6	1996.2	2001.6	2003.4	2008.8	2012.4	2019.6	2032.2	2035.8	2034.0
37.5°	1915.2	1909.8	1913.4	1918.8	1920.6	1924.2	1927.8	1936.8	1944.0	1953.0	1951.2
40°	1830.6	1825.2	1827.0	1834.2	1837.8	1841.4	1843.2	1850.4	1857.6	1866.6	1864.8
42.5°	1740.6	1738.8	1738.8	1746.0	1749.6	1749.6	1755.0	1760.4	1765.8	1778.4	1774.8
45°	1647.0	1647.0	1647.0	1654.2	1657.8	1657.8	1665.0	1668.6	1677.6	1683.0	1681.2
47.5°	1539.0	1557.0	1558.8	1564.2	1562.4	1564.2	1573.2	1573.2	1582.2	1585.8	1585.8
50°	1440.0	1454.4	1463.4	1468.8	1470.6	1470.6	1481.4	1481.4	1485.0	1488.6	1494.0
52.5°	1344.6	1350.0	1369.8	1375.2	1382.4	1375.2	1386.0	1386.0	1391.4	1395.0	1396.8
55°	1247.4	1252.8	1261.8	1274.4	1278.0	1279.8	1288.8	1290.6	1294.2	1297.8	1297.8
57.5°	1152.0	1155.6	1164.6	1180.8	1182.6	1189.8	1193.4	1193.4	1197.0	1198.8	1202.4
60°	1056.6	1060.2	1067.4	1072.8	1083.6	1087.2	1096.2	1098.0	1101.6	1103.4	1103.4
62.5°	959.4	963.0	970.2	979.2	984.6	991.8	993.6	995.4	999.0	1004.4	1004.4
65°	862.2	865.8	873.0	882.0	882.0	883.8	896.4	898.2	901.8	903.6	909.0
67.5°	761.4	766.8	775.8	783.0	783.0	790.2	799.2	801.0	804.6	808.2	810.0
70°	662.4	667.8	676.8	685.8	689.4	691.2	696.6	702.0	707.4	709.2	711.0
72.5°	565.2	570.6	577.8	588.6	590.4	594.0	597.6	603.0	610.2	613.8	613.8
75°	466.2	471.6	480.6	491.4	495.0	493.2	500.4	504.0	511.2	514.8	514.8
77.5°	370.8	374.4	383.4	390.6	394.2	397.8	397.8	401.4	408.6	414.0	412.2
80°	279.0	282.6	289.8	297.0	298.8	304.2	304.2	307.8	313.2	322.2	316.8
82.5°	194.4	192.6	199.8	207.0	208.8	214.2	217.8	217.8	221.4	228.6	225.0
85°	106.2	108.0	113.4	120.6	124.2	126.0	131.4	131.4	135.0	136.8	142.2
87.5°	28.8	28.8	36.0	41.4	45.0	46.8	52.2	52.2	55.8	61.2	57.6
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°	3.6	3.6	3.6	3.6	5.4	5.4	7.2	9.0	9.0	7.2	9.0
95°	7.2	7.2	9.0	10.8	12.6	14.4	19.8	23.4	19.8	16.2	16.2
97.5°	10.8	12.6	18.0	25.2	28.8	36.0	45.0	41.4	36.0	30.6	28.8
100°	19.8	25.2	34.2	54.0	63.0	72.0	77.4	68.4	57.6	46.8	43.2
102.5°	34.2	50.4	81.0	109.8	117.0	120.6	115.2	102.6	86.4	70.2	61.2
105°	73.8	113.4	160.2	176.4	174.6	172.8	156.6	136.8	117.0	97.2	82.8
107.5°	178.2	225.0	243.0	239.4	230.4	221.4	199.8	176.4	151.2	126.0	109.8
110°	307.8	313.2	307.8	289.8	275.4	264.6	241.2	217.8	187.2	160.2	140.4





TEST NUMBER: P303113

CATALOG NUMBER: CTW-F-2575-50L940-UNV-STD-8

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	392.4	374.4	354.6	333.0	318.6	306.0	279.0	252.0	223.2	196.2	174.6
115°	441.0	423.0	397.8	369.0	356.4	345.6	316.8	286.2	257.4	230.4	208.8
117.5°	480.6	457.2	433.8	408.6	396.0	381.6	354.6	325.8	293.4	264.6	244.8
120°	516.6	489.6	466.2	439.2	432.0	417.6	390.6	358.2	325.8	300.6	277.2
122.5°	543.6	520.2	495.0	473.4	460.8	450.0	419.4	390.6	360.0	333.0	311.4
125°	568.8	545.4	522.0	498.6	489.6	477.0	446.4	421.2	392.4	363.6	343.8
127.5°	594.0	567.0	549.0	532.8	516.6	500.4	473.4	450.0	423.0	399.6	376.2
130°	615.6	594.0	572.4	550.8	538.2	527.4	502.2	477.0	455.4	432.0	410.4
132.5°	630.0	613.8	592.2	576.0	558.0	549.0	523.8	502.2	478.8	459.0	437.4
135°	648.0	633.6	610.2	592.2	585.0	572.4	545.4	525.6	505.8	487.8	464.4
137.5°	666.0	649.8	631.8	612.0	601.2	592.2	567.0	552.6	531.0	511.2	493.2
140°	684.0	662.4	649.8	628.2	617.4	612.0	590.4	568.8	554.4	536.4	518.4
142.5°	694.8	676.8	660.6	644.4	637.2	628.2	608.4	585.0	574.2	559.8	540.0
145°	705.6	691.2	671.4	655.2	649.8	642.6	624.6	610.2	595.8	574.2	561.6
147.5°	716.4	700.2	687.6	671.4	660.6	658.8	640.8	626.4	610.2	599.4	581.4
150°	721.8	705.6	696.6	680.4	671.4	671.4	657.0	639.0	631.8	619.2	601.2
152.5°	729.0	718.2	707.4	696.6	685.8	684.0	671.4	658.8	644.4	631.8	621.0
155°	736.2	727.2	718.2	703.8	696.6	694.8	682.2	671.4	660.6	649.8	637.2
157.5°	739.8	725.4	720.0	711.0	705.6	700.2	687.6	678.6	675.0	662.4	648.0
160°	741.6	730.8	723.6	714.6	716.4	707.4	698.4	694.8	685.8	676.8	666.0
162.5°	743.4	739.8	729.0	721.8	720.0	712.8	707.4	702.0	696.6	689.4	680.4
165°	747.0	743.4	736.2	721.8	723.6	718.2	716.4	705.6	707.4	702.0	685.8
167.5°	745.2	739.8	732.6	732.6	723.6	723.6	718.2	716.4	711.0	705.6	694.8
170°	743.4	739.8	730.8	729.0	730.8	725.4	720.0	720.0	716.4	712.8	709.2
172.5°	738.0	734.4	729.0	734.4	729.0	725.4	721.8	714.6	721.8	714.6	707.4
175°	730.8	730.8	725.4	723.6	725.4	721.8	723.6	721.8	718.2	718.2	716.4
177.5°	725.4	727.2	720.0	721.8	723.6	720.0	723.6	723.6	725.4	720.0	723.6
180°	718.2	718.2	718.2	718.2	718.2	718.2	718.2	718.2	718.2	718.2	718.2



TEST NUMBER: P303113

CATALOG NUMBER: CTW-F-2575-50L940-UNV-STD-8

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	2683.7	2683.7	2683.7	2683.7	2683.7	2683.7	2683.7	2683.7	2683.7	2683.7	2683.7
2.5°	2692.7	2681.9	2678.3	2678.3	2676.5	2669.3	2667.5	2667.5	2680.1	2696.3	2678.3
5°	2674.7	2663.9	2660.3	2662.1	2660.3	2653.1	2653.1	2653.1	2667.5	2683.7	2665.7
7.5°	2654.9	2644.1	2640.5	2640.5	2638.7	2631.5	2631.5	2631.5	2645.9	2658.5	2644.1
10°	2629.7	2618.9	2615.3	2615.3	2611.7	2604.5	2602.7	2604.5	2618.9	2627.9	2613.5
12.5°	2602.7	2590.1	2586.5	2584.7	2581.1	2573.9	2570.3	2570.3	2586.5	2593.7	2577.5
15°	2566.7	2555.9	2550.5	2552.3	2548.7	2539.7	2537.9	2534.3	2548.7	2550.5	2539.7
17.5°	2512.7	2501.9	2500.1	2501.9	2498.3	2491.1	2492.9	2491.1	2507.3	2501.9	2491.1
20°	2451.5	2440.7	2438.9	2440.7	2435.3	2433.5	2437.1	2438.9	2458.7	2449.7	2437.1
22.5°	2390.3	2377.7	2377.7	2375.9	2370.5	2366.9	2368.7	2372.3	2397.5	2388.5	2379.5
25°	2325.6	2314.8	2313.0	2311.2	2305.8	2300.4	2298.6	2298.6	2323.8	2313.0	2314.8
27.5°	2266.2	2250.0	2244.6	2242.8	2237.4	2230.2	2228.4	2228.4	2248.2	2235.6	2242.8
30°	2188.8	2176.2	2174.4	2174.4	2169.0	2161.8	2156.4	2158.2	2172.6	2152.8	2156.4
32.5°	2109.6	2095.2	2097.0	2093.4	2088.0	2088.0	2084.4	2084.4	2091.6	2070.0	2073.6
35°	2026.8	2016.0	2014.2	2010.6	2003.4	1999.8	2001.6	2008.8	2008.8	1987.2	1987.2
37.5°	1942.2	1929.6	1931.4	1926.0	1920.6	1917.0	1917.0	1926.0	1927.8	1906.2	1902.6
40°	1857.6	1846.8	1843.2	1843.2	1837.8	1834.2	1832.4	1843.2	1832.4	1827.0	1812.6
42.5°	1767.6	1756.8	1753.2	1753.2	1751.4	1749.6	1747.8	1755.0	1742.4	1728.0	1711.8
45°	1675.8	1672.2	1666.8	1661.4	1659.6	1659.6	1661.4	1661.4	1641.6	1625.4	1621.8
47.5°	1580.4	1580.4	1573.2	1571.4	1571.4	1569.6	1569.6	1560.6	1546.2	1535.4	1530.0
50°	1488.6	1485.0	1477.8	1479.6	1479.6	1476.0	1472.4	1456.2	1450.8	1441.8	1436.4
52.5°	1395.0	1396.8	1384.2	1387.8	1386.0	1378.8	1369.8	1362.6	1357.2	1348.2	1342.8
55°	1296.0	1292.4	1288.8	1296.0	1292.4	1278.0	1270.8	1267.2	1261.8	1252.8	1249.2
57.5°	1202.4	1204.2	1195.2	1197.0	1191.6	1179.0	1179.0	1173.6	1170.0	1157.4	1153.8
60°	1103.4	1096.2	1099.8	1103.4	1087.2	1081.8	1083.6	1078.2	1074.6	1062.0	1058.4
62.5°	1004.4	1004.4	1004.4	995.4	991.8	986.4	988.2	982.8	975.6	966.6	964.8
65°	909.0	905.4	898.2	898.2	894.6	891.0	892.8	889.2	876.6	871.2	869.4
67.5°	811.8	804.6	801.0	802.8	797.4	793.8	795.6	792.0	781.2	774.0	774.0
70°	716.4	702.0	703.8	703.8	700.2	694.8	696.6	689.4	684.0	684.0	678.6
72.5°	615.6	610.2	606.6	604.8	603.0	597.6	597.6	592.2	590.4	588.6	585.0
75°	516.6	509.4	509.4	509.4	505.8	502.2	502.2	495.0	491.4	495.0	489.6
77.5°	414.0	410.4	410.4	410.4	405.0	403.2	405.0	397.8	399.6	396.0	392.4
80°	320.4	316.8	316.8	315.0	316.8	309.6	311.4	306.0	306.0	304.2	300.6
82.5°	230.4	226.8	225.0	223.2	221.4	219.6	221.4	219.6	216.0	212.4	208.8
85°	144.0	138.6	138.6	138.6	138.6	133.2	133.2	129.6	124.2	122.4	118.8
87.5°	63.0	59.4	55.8	54.0	55.8	50.4	52.2	50.4	46.8	45.0	41.4
90°	1.8	3.6	5.4	5.4	5.4	5.4	5.4	5.4	5.4	7.2	7.2
92.5°	10.8	14.4	14.4	14.4	14.4	16.2	16.2	16.2	14.4	14.4	16.2
95°	19.8	23.4	27.0	28.8	28.8	30.6	30.6	28.8	28.8	28.8	28.8
97.5°	28.8	32.4	34.2	36.0	37.8	41.4	43.2	45.0	45.0	45.0	45.0
100°	41.4	41.4	45.0	48.6	48.6	48.6	52.2	54.0	57.6	59.4	59.4
102.5°	55.8	54.0	54.0	55.8	59.4	63.0	61.2	61.2	64.8	66.6	70.2
105°	75.6	70.2	68.4	66.6	68.4	72.0	75.6	75.6	73.8	73.8	75.6
107.5°	99.0	90.0	84.6	82.8	81.0	82.8	84.6	88.2	90.0	90.0	88.2
110°	126.0	111.6	104.4	100.8	97.2	95.4	95.4	99.0	100.8	104.4	106.2



TEST NUMBER: P303113

CATALOG NUMBER: CTW-F-2575-50L940-UNV-STD-8

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	156.6	138.6	127.8	122.4	117.0	113.4	109.8	109.8	111.6	115.2	118.8
115°	189.0	169.2	154.8	147.6	140.4	131.4	127.8	124.2	122.4	126.0	127.8
117.5°	223.2	203.4	183.6	174.6	167.4	156.6	145.8	142.2	138.6	135.0	136.8
120°	255.6	235.8	214.2	207.0	198.0	183.6	169.2	160.2	156.6	153.0	149.4
122.5°	291.6	270.0	246.6	237.6	230.4	212.4	198.0	185.4	176.4	171.0	165.6
125°	324.0	302.4	280.8	271.8	261.0	244.8	228.6	214.2	201.6	192.6	183.6
127.5°	354.6	334.8	313.2	304.2	297.0	275.4	261.0	244.8	232.2	221.4	210.6
130°	392.4	361.8	345.6	336.6	327.6	311.4	291.6	277.2	264.6	252.0	239.4
132.5°	419.4	399.6	372.6	367.2	358.2	340.2	325.8	309.6	297.0	282.6	270.0
135°	444.6	426.6	410.4	397.8	392.4	370.8	356.4	342.0	327.6	316.8	304.2
137.5°	473.4	453.6	433.8	430.2	419.4	405.0	392.4	374.4	361.8	347.4	336.6
140°	500.4	480.6	466.2	451.8	446.4	435.6	423.0	410.4	396.0	381.6	369.0
142.5°	525.6	505.8	489.6	482.4	473.4	460.8	448.2	439.2	428.4	417.6	405.0
145°	547.2	527.4	514.8	507.6	500.4	486.0	475.2	468.0	457.2	444.6	433.8
147.5°	565.2	550.8	536.4	532.8	518.4	509.4	502.2	491.4	487.8	473.4	466.2
150°	585.0	572.4	561.6	552.6	547.2	532.8	525.6	520.2	511.2	502.2	493.2
152.5°	603.0	592.2	579.6	576.0	568.8	556.2	547.2	538.2	534.6	525.6	516.6
155°	621.0	610.2	599.4	594.0	590.4	581.4	567.0	561.6	558.0	552.6	545.4
157.5°	637.2	624.6	615.6	613.8	604.8	597.6	592.2	583.2	581.4	570.6	567.0
160°	651.6	644.4	631.8	626.4	628.2	617.4	608.4	599.4	606.6	592.2	590.4
162.5°	666.0	657.0	653.4	646.2	644.4	639.0	631.8	622.8	617.4	621.0	608.4
165°	682.2	673.2	666.0	662.4	658.8	646.2	644.4	639.0	640.8	639.0	635.4
167.5°	689.4	682.2	680.4	673.2	673.2	669.6	662.4	655.2	657.0	657.0	648.0
170°	698.4	691.2	687.6	684.0	684.0	675.0	675.0	669.6	676.8	673.2	666.0
172.5°	707.4	700.2	696.6	698.4	693.0	691.2	685.8	682.2	685.8	689.4	685.8
175°	712.8	705.6	705.6	703.8	698.4	698.4	698.4	694.8	696.6	696.6	691.2
177.5°	718.2	712.8	705.6	711.0	711.0	705.6	702.0	707.4	705.6	716.4	707.4
180°	718.2	718.2	718.2	718.2	718.2	718.2	718.2	718.2	718.2	718.2	718.2



TEST NUMBER: P303113

CATALOG NUMBER: CTW-F-2575-50L940-UNV-STD-8

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	2683.7	2683.7	2683.7	2683.7	2683.7	2683.7	2683.7	2683.7
2.5°	2685.5	2681.9	2680.1	2674.7	2672.9	2667.5	2663.9	2667.5
5°	2671.1	2667.5	2665.7	2662.1	2662.1	2662.1	2662.1	2667.5
7.5°	2647.7	2644.1	2645.9	2642.3	2644.1	2645.9	2645.9	2647.7
10°	2618.9	2615.3	2613.5	2609.9	2611.7	2611.7	2611.7	2617.1
12.5°	2579.3	2575.7	2573.9	2570.3	2573.9	2577.5	2579.3	2581.1
15°	2539.7	2536.1	2534.3	2530.7	2534.3	2537.9	2536.1	2541.5
17.5°	2491.1	2487.5	2483.9	2480.3	2482.1	2483.9	2483.9	2485.7
20°	2431.7	2426.3	2422.7	2419.1	2420.9	2420.9	2424.5	2426.3
22.5°	2365.1	2359.7	2356.1	2354.3	2352.5	2352.5	2359.7	2361.5
25°	2304.0	2289.6	2287.8	2286.0	2284.2	2282.4	2287.8	2289.6
27.5°	2233.8	2221.2	2215.8	2212.2	2210.4	2206.8	2210.4	2221.2
30°	2156.4	2147.4	2142.0	2134.8	2134.8	2129.4	2134.8	2134.8
32.5°	2070.0	2068.2	2062.8	2061.0	2053.8	2048.4	2052.0	2062.8
35°	1980.0	1981.8	1981.8	1978.2	1967.4	1960.2	1962.0	1972.8
37.5°	1891.8	1884.6	1886.4	1879.2	1863.0	1855.8	1855.8	1861.2
40°	1787.4	1778.4	1780.2	1776.6	1771.2	1767.6	1769.4	1765.8
42.5°	1699.2	1690.2	1693.8	1688.4	1683.0	1677.6	1681.2	1679.4
45°	1609.2	1600.2	1598.4	1602.0	1593.0	1593.0	1591.2	1593.0
47.5°	1517.4	1510.2	1512.0	1512.0	1503.0	1503.0	1501.2	1506.6
50°	1425.6	1420.2	1420.2	1416.6	1413.0	1411.2	1411.2	1413.0
52.5°	1337.4	1328.4	1326.6	1330.2	1319.4	1321.2	1321.2	1319.4
55°	1240.2	1234.8	1234.8	1236.6	1227.6	1229.4	1229.4	1227.6
57.5°	1152.0	1143.0	1143.0	1144.8	1139.4	1137.6	1135.8	1137.6
60°	1058.4	1049.4	1049.4	1051.2	1040.4	1044.0	1044.0	1045.8
62.5°	964.8	961.2	954.0	952.2	952.2	950.4	952.2	950.4
65°	869.4	865.8	858.6	862.2	853.2	856.8	853.2	855.0
67.5°	774.0	770.4	765.0	766.8	759.6	763.2	763.2	763.2
70°	678.6	675.0	669.6	667.8	669.6	667.8	667.8	667.8
72.5°	583.2	581.4	574.2	574.2	576.0	574.2	570.6	572.4
75°	484.2	486.0	478.8	480.6	482.4	480.6	480.6	477.0
77.5°	387.0	388.8	387.0	383.4	385.2	385.2	383.4	381.6
80°	295.2	297.0	295.2	291.6	293.4	291.6	291.6	289.8
82.5°	203.4	205.2	201.6	198.0	199.8	198.0	196.2	194.4
85°	115.2	115.2	115.2	111.6	113.4	113.4	111.6	109.8
87.5°	39.6	39.6	39.6	39.6	39.6	39.6	39.6	37.8
90°	7.2	9.0	7.2	7.2	7.2	7.2	7.2	7.2
92.5°	16.2	16.2	14.4	14.4	14.4	12.6	12.6	14.4
95°	28.8	30.6	28.8	28.8	28.8	28.8	28.8	28.8
97.5°	45.0	45.0	45.0	43.2	43.2	41.4	41.4	43.2
100°	61.2	61.2	61.2	61.2	61.2	59.4	59.4	61.2
102.5°	72.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8
105°	79.2	81.0	81.0	81.0	82.8	82.8	82.8	82.8
107.5°	88.2	90.0	90.0	90.0	90.0	90.0	91.8	90.0
110°	106.2	104.4	102.6	102.6	102.6	100.8	102.6	102.6



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**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	120.6	122.4	122.4	122.4	122.4	122.4	120.6	122.4
115°	131.4	133.2	133.2	135.0	135.0	135.0	136.8	136.8
117.5°	140.4	142.2	142.2	144.0	144.0	145.8	147.6	147.6
120°	149.4	151.2	151.2	151.2	153.0	153.0	153.0	154.8
122.5°	163.8	162.0	162.0	162.0	162.0	160.2	162.0	162.0
125°	181.8	178.2	176.4	176.4	174.6	172.8	172.8	172.8
127.5°	201.6	198.0	196.2	194.4	192.6	189.0	189.0	187.2
130°	228.6	221.4	219.6	216.0	210.6	208.8	208.8	207.0
132.5°	259.2	252.0	246.6	244.8	237.6	234.0	232.2	232.2
135°	293.4	284.4	280.8	277.2	270.0	264.6	264.6	261.0
137.5°	325.8	315.0	313.2	311.4	304.2	298.8	295.2	291.6
140°	356.4	349.2	343.8	343.8	336.6	329.4	327.6	324.0
142.5°	392.4	385.2	374.4	374.4	365.4	363.6	360.0	358.2
145°	423.0	415.8	412.2	412.2	401.4	399.6	394.2	396.0
147.5°	453.6	448.2	442.8	442.8	433.8	430.2	426.6	424.8
150°	484.2	477.0	473.4	473.4	466.2	460.8	459.0	457.2
152.5°	509.4	502.2	502.2	500.4	491.4	491.4	487.8	489.6
155°	536.4	529.2	531.0	527.4	522.0	518.4	516.6	516.6
157.5°	559.8	556.2	552.6	550.8	549.0	547.2	543.6	541.8
160°	585.0	581.4	577.8	576.0	576.0	572.4	568.8	572.4
162.5°	608.4	603.0	603.0	601.2	601.2	597.6	595.8	597.6
165°	628.2	624.6	624.6	624.6	621.0	624.6	619.2	619.2
167.5°	646.2	646.2	644.4	639.0	639.0	637.2	639.0	640.8
170°	662.4	664.2	660.6	658.8	658.8	658.8	658.8	658.8
172.5°	682.2	678.6	680.4	675.0	676.8	673.2	671.4	675.0
175°	694.8	693.0	693.0	693.0	687.6	689.4	685.8	684.0
177.5°	707.4	707.4	705.6	705.6	703.8	702.0	702.0	698.4
180°	718.2	718.2	718.2	718.2	718.2	718.2	718.2	718.2

(END OF REPORT)