

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: P303112

Luminaire Tested: **CTW-F-2575-50L935-UNV-STD-8**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303112
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-2575-50L935-UNV-STD-8
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 5000 LUMEN PACKAGE
Light Source: 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

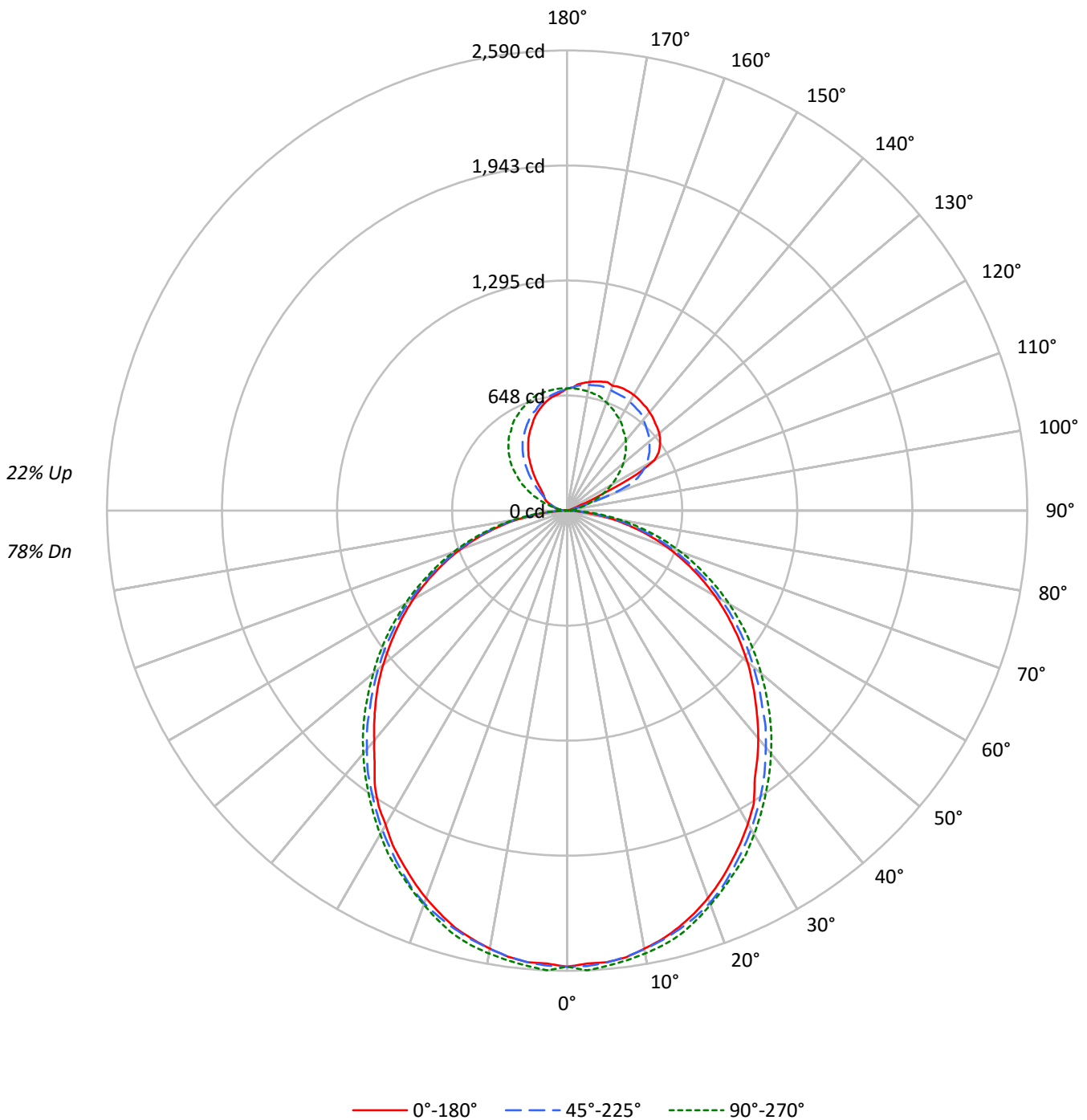
Lumens per Lamp: N/A
Luminaire Lumens: 8772.1 lumens
Efficiency: N/A
Efficacy: 103.0 lumens/watt
Spacing Criteria (0/90/45): 1.19 / 1.22 / 1.32
Luminous Opening: Rectangular (W 8' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

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°	27636	27636	27636
5°	27574	27798	27574
10°	27366	27667	27366
15°	27057	27517	27096
20°	26569	27043	26590
25°	25933	26607	26015
30°	25298	26155	25384
35°	24189	25592	24800
40°	23519	25091	23737
45°	22779	24510	23199
50°	22175	23848	22637
55°	21425	23300	22039
60°	20686	22725	21539
65°	19780	22016	20832
70°	18697	21353	20107
75°	17043	20482	18977
80°	14412	19104	17183
85°	8509	16166	12968



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	242.1	2.8
10°-20°	686.0	7.8
20°-30°	1015.6	11.6
30°-40°	1190.3	13.6
40°-50°	1202.2	13.7
50°-60°	1071.2	12.2
60°-70°	821.0	9.4
70°-80°	485.2	5.5
80°-90°	129.9	1.5
90°-100°	20.7	0.2
100°-110°	83.9	1.0
110°-120°	232.4	2.6
120°-130°	337.7	3.8
130°-140°	365.0	4.2
140°-150°	348.9	4.0
150°-160°	286.6	3.3
160°-170°	188.2	2.1
170°-180°	65.3	0.7
0°-30°	1943.7	22.2
0°-40°	3133.9	35.7
0°-60°	5407.3	61.6
0°-90°	6843.5	78.0
90°-120°	337.0	3.8
90°-150°	1388.6	15.8
90°-180°	1929.0	22.0
0°-180°	8772.1	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	2568	2568	2568	2568	2568	
5°	2552	2554	2573	2552	2552	242
15°	2428	2440	2469	2438	2432	684
25°	2184	2218	2240	2223	2190	1006
35°	1841	1913	1948	1922	1887	1159
45°	1496	1552	1610	1570	1524	1156
55°	1142	1186	1242	1207	1174	1022
65°	777	813	864	839	818	769
75°	410	441	492	470	456	434
85°	69	93	131	119	105	92
90°	2	2	2	5	7	2
95°	5	5	16	28	28	5
105°	19	48	93	71	79	23
115°	212	439	220	117	131	254
125°	637	565	348	193	165	567
135°	699	637	467	313	250	542
145°	737	692	549	437	379	463
155°	756	715	622	534	494	349
165°	751	727	672	613	592	212
175°	715	706	687	666	654	69
180°	687	687	687	687	687	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2567.5	2567.5	2567.5	2567.5	2567.5	2567.5	2567.5	2567.5	2567.5	2567.5	2567.5
2.5°	2552.0	2548.6	2555.4	2560.6	2560.6	2564.1	2567.5	2572.7	2569.2	2577.8	2565.8
5°	2552.0	2546.8	2550.3	2550.3	2548.6	2552.0	2553.7	2560.6	2557.2	2565.8	2553.7
7.5°	2536.5	2533.1	2533.1	2534.8	2529.6	2533.1	2534.8	2539.9	2534.8	2543.4	2533.1
10°	2503.8	2502.1	2503.8	2505.5	2500.3	2503.8	2503.8	2507.2	2507.2	2514.1	2507.2
12.5°	2471.1	2465.9	2469.3	2467.6	2462.5	2465.9	2467.6	2474.5	2474.5	2479.7	2476.2
15°	2428.0	2426.3	2429.7	2429.7	2424.6	2426.3	2428.0	2433.2	2434.9	2440.1	2440.1
17.5°	2378.1	2374.6	2378.1	2378.1	2374.6	2376.4	2379.8	2386.7	2388.4	2395.3	2398.7
20°	2319.5	2314.4	2316.1	2316.1	2316.1	2317.8	2321.3	2329.9	2336.8	2345.4	2350.5
22.5°	2255.8	2250.7	2248.9	2248.9	2250.7	2252.4	2252.4	2267.9	2276.5	2281.6	2288.5
25°	2183.5	2178.3	2178.3	2183.5	2181.8	2185.2	2190.4	2204.2	2211.0	2205.9	2217.9
27.5°	2111.2	2107.7	2104.3	2107.7	2111.2	2114.6	2123.2	2133.6	2133.6	2137.0	2145.6
30°	2035.4	2026.8	2026.8	2032.0	2037.1	2044.0	2050.9	2056.1	2054.3	2059.5	2071.6
32.5°	1954.5	1951.0	1947.6	1952.7	1961.4	1966.5	1970.0	1970.0	1971.7	1980.3	1992.4
35°	1840.8	1839.1	1846.0	1861.5	1875.3	1883.9	1882.1	1882.1	1887.3	1897.6	1913.1
37.5°	1758.2	1756.4	1756.4	1765.0	1768.5	1773.7	1777.1	1792.6	1804.7	1820.2	1828.8
40°	1673.8	1672.1	1670.3	1680.7	1684.1	1684.1	1687.6	1694.4	1709.9	1737.5	1739.2
42.5°	1584.2	1586.0	1584.2	1592.8	1596.3	1599.7	1601.5	1606.6	1617.0	1634.2	1653.1
45°	1496.4	1498.1	1496.4	1505.0	1508.5	1510.2	1513.6	1518.8	1527.4	1542.9	1551.5
47.5°	1410.3	1410.3	1406.9	1417.2	1420.6	1424.1	1425.8	1429.3	1443.0	1453.4	1462.0
50°	1324.2	1320.8	1317.3	1327.7	1331.1	1334.5	1338.0	1343.2	1346.6	1363.8	1369.0
52.5°	1233.0	1231.2	1229.5	1238.1	1241.6	1243.3	1248.4	1253.6	1260.5	1276.0	1281.2
55°	1141.7	1141.7	1138.2	1146.9	1148.6	1153.7	1157.2	1164.1	1167.5	1183.0	1186.5
57.5°	1052.1	1052.1	1047.0	1055.6	1057.3	1062.5	1065.9	1071.1	1076.2	1086.6	1095.2
60°	960.9	955.7	955.7	962.6	966.0	971.2	974.7	979.8	983.3	993.6	1000.5
62.5°	867.9	869.6	869.6	871.3	879.9	878.2	878.2	888.6	892.0	898.9	910.9
65°	776.6	774.9	774.9	780.1	783.5	785.2	785.2	797.3	800.7	805.9	812.8
67.5°	685.4	687.1	687.1	687.1	695.7	694.0	694.0	704.3	707.7	712.9	716.4
70°	594.1	595.8	597.5	595.8	604.4	601.0	606.1	611.3	614.8	621.6	626.8
72.5°	502.8	504.5	506.3	506.3	513.2	509.7	514.9	520.0	528.7	530.4	533.8
75°	409.8	411.6	413.3	413.3	418.4	415.0	420.2	425.3	428.8	435.7	440.8
77.5°	320.3	322.0	325.5	325.5	328.9	325.5	330.6	337.5	341.0	344.4	351.3
80°	232.5	234.2	237.6	237.6	242.8	239.4	242.8	248.0	253.1	258.3	261.7
82.5°	148.1	149.8	151.5	153.3	158.4	158.4	158.4	163.6	170.5	170.5	175.6
85°	68.9	70.6	72.3	72.3	77.5	77.5	77.5	82.7	86.1	89.5	93.0
87.5°	8.6	10.3	10.3	10.3	12.1	12.1	12.1	13.8	15.5	17.2	20.7
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°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
95°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
97.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	8.6	8.6	8.6	10.3
100°	10.3	10.3	10.3	10.3	10.3	10.3	10.3	12.1	12.1	13.8	15.5
102.5°	13.8	13.8	13.8	15.5	15.5	15.5	15.5	17.2	18.9	20.7	25.8
105°	18.9	18.9	18.9	20.7	20.7	22.4	22.4	24.1	29.3	34.4	48.2
107.5°	27.6	27.6	27.6	29.3	31.0	32.7	34.4	41.3	51.7	72.3	111.9
110°	41.3	41.3	43.0	46.5	53.4	58.5	63.7	87.8	124.0	180.8	249.7



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	82.7	84.4	91.3	101.6	127.4	139.5	160.1	222.1	285.9	346.1	375.4
115°	211.8	217.0	223.9	258.3	310.0	328.9	356.5	415.0	439.1	446.0	439.1
117.5°	440.8	447.7	449.4	480.4	492.5	497.7	504.5	511.4	502.8	492.5	478.7
120°	568.3	571.7	566.5	563.1	566.5	561.4	557.9	549.3	535.5	526.9	513.2
122.5°	611.3	613.0	606.1	601.0	597.5	595.8	590.6	576.9	561.4	554.5	539.0
125°	637.1	637.1	633.7	625.1	621.6	619.9	614.8	604.4	588.9	576.9	564.8
127.5°	659.5	659.5	652.6	645.7	642.3	640.6	630.3	621.6	613.0	597.5	583.8
130°	676.7	675.0	669.9	663.0	661.2	656.1	652.6	640.6	632.0	621.6	604.4
132.5°	688.8	690.5	683.6	683.6	680.2	669.9	668.1	657.8	647.5	635.4	623.4
135°	699.1	704.3	699.1	697.4	692.2	683.6	678.5	671.6	661.2	649.2	637.1
137.5°	712.9	709.5	711.2	707.7	704.3	697.4	692.2	688.8	676.7	666.4	652.6
140°	721.5	721.5	721.5	718.1	711.2	709.5	709.5	697.4	695.7	683.6	668.1
142.5°	731.8	730.1	728.4	723.2	725.0	719.8	712.9	712.9	702.6	694.0	685.4
145°	737.0	738.7	730.1	735.3	728.4	726.7	719.8	719.8	712.9	699.1	692.2
147.5°	745.6	743.9	738.7	740.5	735.3	733.6	728.4	725.0	714.6	707.7	699.1
150°	750.8	743.9	747.3	747.3	735.3	735.3	733.6	731.8	723.2	716.4	706.0
152.5°	754.2	750.8	749.1	750.8	740.5	740.5	738.7	731.8	728.4	719.8	712.9
155°	756.0	750.8	750.8	750.8	745.6	742.2	738.7	733.6	730.1	721.5	714.6
157.5°	754.2	754.2	749.1	750.8	749.1	743.9	735.3	735.3	735.3	726.7	716.4
160°	747.3	750.8	750.8	750.8	749.1	747.3	737.0	738.7	733.6	730.1	719.8
162.5°	757.7	750.8	750.8	749.1	747.3	745.6	742.2	742.2	737.0	730.1	725.0
165°	750.8	750.8	750.8	742.2	745.6	742.2	738.7	738.7	735.3	726.7	726.7
167.5°	743.9	742.2	740.5	737.0	738.7	733.6	731.8	733.6	728.4	726.7	721.5
170°	735.3	735.3	731.8	731.8	730.1	728.4	730.1	730.1	725.0	726.7	718.1
172.5°	725.0	728.4	726.7	725.0	721.5	721.5	719.8	718.1	716.4	719.8	712.9
175°	714.6	714.6	714.6	714.6	714.6	714.6	712.9	716.4	711.2	711.2	706.0
177.5°	692.2	699.1	695.7	704.3	706.0	704.3	706.0	704.3	699.1	704.3	694.0
180°	687.1	687.1	687.1	687.1	687.1	687.1	687.1	687.1	687.1	687.1	687.1



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	2567.5	2567.5	2567.5	2567.5	2567.5	2567.5	2567.5	2567.5	2567.5	2567.5	2567.5
2.5°	2557.2	2558.9	2558.9	2560.6	2562.3	2560.6	2560.6	2572.7	2583.0	2589.9	2583.0
5°	2543.4	2543.4	2543.4	2545.1	2546.8	2545.1	2545.1	2557.2	2567.5	2572.7	2567.5
7.5°	2522.7	2522.7	2522.7	2524.5	2526.2	2526.2	2526.2	2538.2	2548.6	2553.7	2546.8
10°	2495.2	2496.9	2496.9	2498.6	2502.1	2502.1	2503.8	2514.1	2524.5	2531.3	2524.5
12.5°	2462.5	2465.9	2467.6	2471.1	2472.8	2474.5	2476.2	2488.3	2496.9	2505.5	2498.6
15°	2428.0	2431.5	2434.9	2438.4	2440.1	2441.8	2441.8	2453.8	2462.5	2469.3	2462.5
17.5°	2386.7	2390.1	2388.4	2390.1	2390.1	2390.1	2390.1	2398.7	2409.1	2417.7	2409.1
20°	2329.9	2331.6	2329.9	2329.9	2331.6	2333.3	2331.6	2343.6	2352.3	2360.9	2352.3
22.5°	2267.9	2266.2	2266.2	2269.6	2269.6	2274.8	2274.8	2285.1	2293.7	2300.6	2295.4
25°	2199.0	2200.7	2202.4	2204.2	2207.6	2211.0	2214.5	2224.8	2235.2	2240.3	2235.2
27.5°	2131.8	2131.8	2133.6	2140.4	2142.2	2149.1	2152.5	2162.8	2171.4	2180.1	2173.2
30°	2063.0	2063.0	2069.8	2073.3	2075.0	2078.5	2076.7	2088.8	2095.7	2104.3	2102.6
32.5°	1992.4	1992.4	1992.4	1994.1	1995.8	2001.0	1999.2	2013.0	2023.3	2026.8	2025.1
35°	1914.9	1906.3	1909.7	1914.9	1916.6	1921.8	1925.2	1932.1	1944.1	1947.6	1945.9
37.5°	1832.2	1827.0	1830.5	1835.7	1837.4	1840.8	1844.3	1852.9	1859.8	1868.4	1866.6
40°	1751.3	1746.1	1747.8	1754.7	1758.2	1761.6	1763.3	1770.2	1777.1	1785.7	1784.0
42.5°	1665.2	1663.5	1663.5	1670.3	1673.8	1673.8	1678.9	1684.1	1689.3	1701.3	1697.9
45°	1575.6	1575.6	1575.6	1582.5	1586.0	1586.0	1592.8	1596.3	1604.9	1610.1	1608.3
47.5°	1472.3	1489.5	1491.3	1496.4	1494.7	1496.4	1505.0	1505.0	1513.6	1517.1	1517.1
50°	1377.6	1391.4	1400.0	1405.2	1406.9	1406.9	1417.2	1417.2	1420.6	1424.1	1429.3
52.5°	1286.3	1291.5	1310.4	1315.6	1322.5	1315.6	1325.9	1325.9	1331.1	1334.5	1336.3
55°	1193.3	1198.5	1207.1	1219.2	1222.6	1224.3	1233.0	1234.7	1238.1	1241.6	1241.6
57.5°	1102.1	1105.5	1114.1	1129.6	1131.4	1138.2	1141.7	1141.7	1145.1	1146.9	1150.3
60°	1010.8	1014.3	1021.1	1026.3	1036.6	1040.1	1048.7	1050.4	1053.9	1055.6	1055.6
62.5°	917.8	921.3	928.2	936.8	941.9	948.8	950.5	952.3	955.7	960.9	960.9
65°	824.8	828.3	835.2	843.8	843.8	845.5	857.6	859.3	862.7	864.4	869.6
67.5°	728.4	733.6	742.2	749.1	749.1	756.0	764.6	766.3	769.7	773.2	774.9
70°	633.7	638.9	647.5	656.1	659.5	661.2	666.4	671.6	676.7	678.5	680.2
72.5°	540.7	545.9	552.8	563.1	564.8	568.3	571.7	576.9	583.8	587.2	587.2
75°	446.0	451.2	459.8	470.1	473.5	471.8	478.7	482.2	489.0	492.5	492.5
77.5°	354.7	358.2	366.8	373.7	377.1	380.6	380.6	384.0	390.9	396.1	394.3
80°	266.9	270.4	277.2	284.1	285.9	291.0	291.0	294.5	299.6	308.2	303.1
82.5°	186.0	184.3	191.1	198.0	199.8	204.9	208.4	208.4	211.8	218.7	215.2
85°	101.6	103.3	108.5	115.4	118.8	120.5	125.7	125.7	129.1	130.9	136.0
87.5°	27.6	27.6	34.4	39.6	43.0	44.8	49.9	49.9	53.4	58.5	55.1
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°	3.4	3.4	3.4	3.4	5.2	5.2	6.9	8.6	8.6	6.9	8.6
95°	6.9	6.9	8.6	10.3	12.1	13.8	18.9	22.4	18.9	15.5	15.5
97.5°	10.3	12.1	17.2	24.1	27.6	34.4	43.0	39.6	34.4	29.3	27.6
100°	18.9	24.1	32.7	51.7	60.3	68.9	74.0	65.4	55.1	44.8	41.3
102.5°	32.7	48.2	77.5	105.0	111.9	115.4	110.2	98.2	82.7	67.2	58.5
105°	70.6	108.5	153.3	168.8	167.0	165.3	149.8	130.9	111.9	93.0	79.2
107.5°	170.5	215.2	232.5	229.0	220.4	211.8	191.1	168.8	144.6	120.5	105.0
110°	294.5	299.6	294.5	277.2	263.5	253.1	230.7	208.4	179.1	153.3	134.3



TEST NUMBER: P303112

CATALOG NUMBER: CTW-F-2575-50L935-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	375.4	358.2	339.2	318.6	304.8	292.7	266.9	241.1	213.5	187.7	167.0
115°	421.9	404.7	380.6	353.0	341.0	330.6	303.1	273.8	246.2	220.4	199.8
117.5°	459.8	437.4	415.0	390.9	378.8	365.1	339.2	311.7	280.7	253.1	234.2
120°	494.2	468.4	446.0	420.2	413.3	399.5	373.7	342.7	311.7	287.6	265.2
122.5°	520.0	497.7	473.5	452.9	440.8	430.5	401.2	373.7	344.4	318.6	297.9
125°	544.2	521.8	499.4	477.0	468.4	456.3	427.1	402.9	375.4	347.8	328.9
127.5°	568.3	542.4	525.2	509.7	494.2	478.7	452.9	430.5	404.7	382.3	359.9
130°	588.9	568.3	547.6	526.9	514.9	504.5	480.4	456.3	435.7	413.3	392.6
132.5°	602.7	587.2	566.5	551.0	533.8	525.2	501.1	480.4	458.1	439.1	418.4
135°	619.9	606.1	583.8	566.5	559.6	547.6	521.8	502.8	483.9	466.7	444.3
137.5°	637.1	621.6	604.4	585.5	575.1	566.5	542.4	528.7	508.0	489.0	471.8
140°	654.4	633.7	621.6	601.0	590.6	585.5	564.8	544.2	530.4	513.2	495.9
142.5°	664.7	647.5	632.0	616.5	609.6	601.0	582.0	559.6	549.3	535.5	516.6
145°	675.0	661.2	642.3	626.8	621.6	614.8	597.5	583.8	570.0	549.3	537.3
147.5°	685.4	669.9	657.8	642.3	632.0	630.3	613.0	599.3	583.8	573.4	556.2
150°	690.5	675.0	666.4	650.9	642.3	642.3	628.5	611.3	604.4	592.4	575.1
152.5°	697.4	687.1	676.7	666.4	656.1	654.4	642.3	630.3	616.5	604.4	594.1
155°	704.3	695.7	687.1	673.3	666.4	664.7	652.6	642.3	632.0	621.6	609.6
157.5°	707.7	694.0	688.8	680.2	675.0	669.9	657.8	649.2	645.7	633.7	619.9
160°	709.5	699.1	692.2	683.6	685.4	676.7	668.1	664.7	656.1	647.5	637.1
162.5°	711.2	707.7	697.4	690.5	688.8	681.9	676.7	671.6	666.4	659.5	650.9
165°	714.6	711.2	704.3	690.5	692.2	687.1	685.4	675.0	676.7	671.6	656.1
167.5°	712.9	707.7	700.9	700.9	692.2	692.2	687.1	685.4	680.2	675.0	664.7
170°	711.2	707.7	699.1	697.4	699.1	694.0	688.8	688.8	685.4	681.9	678.5
172.5°	706.0	702.6	697.4	702.6	697.4	694.0	690.5	683.6	690.5	683.6	676.7
175°	699.1	699.1	694.0	692.2	694.0	690.5	692.2	690.5	687.1	687.1	685.4
177.5°	694.0	695.7	688.8	690.5	692.2	688.8	692.2	692.2	694.0	688.8	692.2
180°	687.1	687.1	687.1	687.1	687.1	687.1	687.1	687.1	687.1	687.1	687.1



TEST NUMBER: P303112

CATALOG NUMBER: CTW-F-2575-50L935-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	2567.5	2567.5	2567.5	2567.5	2567.5	2567.5	2567.5	2567.5	2567.5	2567.5	2567.5
2.5°	2576.1	2565.8	2562.3	2562.3	2560.6	2553.7	2552.0	2552.0	2564.1	2579.6	2562.3
5°	2558.9	2548.6	2545.1	2546.8	2545.1	2538.2	2538.2	2538.2	2552.0	2567.5	2550.3
7.5°	2539.9	2529.6	2526.2	2526.2	2524.5	2517.6	2517.6	2517.6	2531.3	2543.4	2529.6
10°	2515.8	2505.5	2502.1	2502.1	2498.6	2491.7	2490.0	2491.7	2505.5	2514.1	2500.3
12.5°	2490.0	2478.0	2474.5	2472.8	2469.3	2462.5	2459.0	2459.0	2474.5	2481.4	2465.9
15°	2455.6	2445.2	2440.1	2441.8	2438.4	2429.7	2428.0	2424.6	2438.4	2440.1	2429.7
17.5°	2403.9	2393.6	2391.9	2393.6	2390.1	2383.2	2385.0	2383.2	2398.7	2393.6	2383.2
20°	2345.4	2335.0	2333.3	2335.0	2329.9	2328.1	2331.6	2333.3	2352.3	2343.6	2331.6
22.5°	2286.8	2274.8	2274.8	2273.0	2267.9	2264.4	2266.2	2269.6	2293.7	2285.1	2276.5
25°	2224.8	2214.5	2212.8	2211.0	2205.9	2200.7	2199.0	2199.0	2223.1	2212.8	2214.5
27.5°	2168.0	2152.5	2147.3	2145.6	2140.4	2133.6	2131.8	2131.8	2150.8	2138.7	2145.6
30°	2094.0	2081.9	2080.2	2080.2	2075.0	2068.1	2063.0	2064.7	2078.5	2059.5	2063.0
32.5°	2018.2	2004.4	2006.1	2002.7	1997.5	1997.5	1994.1	1994.1	2001.0	1980.3	1983.7
35°	1939.0	1928.6	1926.9	1923.5	1916.6	1913.1	1914.9	1921.8	1921.8	1901.1	1901.1
37.5°	1858.0	1846.0	1847.7	1842.5	1837.4	1833.9	1833.9	1842.5	1844.3	1823.6	1820.2
40°	1777.1	1766.8	1763.3	1763.3	1758.2	1754.7	1753.0	1763.3	1753.0	1747.8	1734.1
42.5°	1691.0	1680.7	1677.2	1677.2	1675.5	1673.8	1672.1	1678.9	1666.9	1653.1	1637.6
45°	1603.2	1599.7	1594.6	1589.4	1587.7	1587.7	1589.4	1589.4	1570.5	1555.0	1551.5
47.5°	1511.9	1511.9	1505.0	1503.3	1503.3	1501.6	1501.6	1493.0	1479.2	1468.9	1463.7
50°	1424.1	1420.6	1413.8	1415.5	1415.5	1412.0	1408.6	1393.1	1387.9	1379.3	1374.2
52.5°	1334.5	1336.3	1324.2	1327.7	1325.9	1319.1	1310.4	1303.6	1298.4	1289.8	1284.6
55°	1239.8	1236.4	1233.0	1239.8	1236.4	1222.6	1215.7	1212.3	1207.1	1198.5	1195.1
57.5°	1150.3	1152.0	1143.4	1145.1	1140.0	1127.9	1127.9	1122.7	1119.3	1107.2	1103.8
60°	1055.6	1048.7	1052.1	1055.6	1040.1	1034.9	1036.6	1031.5	1028.0	1016.0	1012.5
62.5°	960.9	960.9	960.9	952.3	948.8	943.7	945.4	940.2	933.3	924.7	923.0
65°	869.6	866.2	859.3	859.3	855.8	852.4	854.1	850.7	838.6	833.4	831.7
67.5°	776.6	769.7	766.3	768.0	762.8	759.4	761.1	757.7	747.3	740.5	740.5
70°	685.4	671.6	673.3	673.3	669.9	664.7	666.4	659.5	654.4	654.4	649.2
72.5°	588.9	583.8	580.3	578.6	576.9	571.7	571.7	566.5	564.8	563.1	559.6
75°	494.2	487.3	487.3	487.3	483.9	480.4	480.4	473.5	470.1	473.5	468.4
77.5°	396.1	392.6	392.6	392.6	387.4	385.7	387.4	380.6	382.3	378.8	375.4
80°	306.5	303.1	303.1	301.3	303.1	296.2	297.9	292.7	292.7	291.0	287.6
82.5°	220.4	217.0	215.2	213.5	211.8	210.1	211.8	210.1	206.6	203.2	199.8
85°	137.8	132.6	132.6	132.6	132.6	127.4	127.4	124.0	118.8	117.1	113.7
87.5°	60.3	56.8	53.4	51.7	53.4	48.2	49.9	48.2	44.8	43.0	39.6
90°	1.7	3.4	5.2	5.2	5.2	5.2	5.2	5.2	5.2	6.9	6.9
92.5°	10.3	13.8	13.8	13.8	13.8	15.5	15.5	15.5	13.8	13.8	15.5
95°	18.9	22.4	25.8	27.6	27.6	29.3	29.3	27.6	27.6	27.6	27.6
97.5°	27.6	31.0	32.7	34.4	36.2	39.6	41.3	43.0	43.0	43.0	43.0
100°	39.6	39.6	43.0	46.5	46.5	46.5	49.9	51.7	55.1	56.8	56.8
102.5°	53.4	51.7	51.7	53.4	56.8	60.3	58.5	58.5	62.0	63.7	67.2
105°	72.3	67.2	65.4	63.7	65.4	68.9	72.3	72.3	70.6	70.6	72.3
107.5°	94.7	86.1	80.9	79.2	77.5	79.2	80.9	84.4	86.1	86.1	84.4
110°	120.5	106.8	99.9	96.4	93.0	91.3	91.3	94.7	96.4	99.9	101.6



TEST NUMBER: P303112

CATALOG NUMBER: CTW-F-2575-50L935-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	149.8	132.6	122.3	117.1	111.9	108.5	105.0	105.0	106.8	110.2	113.7
115°	180.8	161.9	148.1	141.2	134.3	125.7	122.3	118.8	117.1	120.5	122.3
117.5°	213.5	194.6	175.6	167.0	160.1	149.8	139.5	136.0	132.6	129.1	130.9
120°	244.5	225.6	204.9	198.0	189.4	175.6	161.9	153.3	149.8	146.4	142.9
122.5°	279.0	258.3	235.9	227.3	220.4	203.2	189.4	177.4	168.8	163.6	158.4
125°	310.0	289.3	268.6	260.0	249.7	234.2	218.7	204.9	192.9	184.3	175.6
127.5°	339.2	320.3	299.6	291.0	284.1	263.5	249.7	234.2	222.1	211.8	201.5
130°	375.4	346.1	330.6	322.0	313.4	297.9	279.0	265.2	253.1	241.1	229.0
132.5°	401.2	382.3	356.5	351.3	342.7	325.5	311.7	296.2	284.1	270.4	258.3
135°	425.3	408.1	392.6	380.6	375.4	354.7	341.0	327.2	313.4	303.1	291.0
137.5°	452.9	433.9	415.0	411.6	401.2	387.4	375.4	358.2	346.1	332.3	322.0
140°	478.7	459.8	446.0	432.2	427.1	416.7	404.7	392.6	378.8	365.1	353.0
142.5°	502.8	483.9	468.4	461.5	452.9	440.8	428.8	420.2	409.8	399.5	387.4
145°	523.5	504.5	492.5	485.6	478.7	464.9	454.6	447.7	437.4	425.3	415.0
147.5°	540.7	526.9	513.2	509.7	495.9	487.3	480.4	470.1	466.7	452.9	446.0
150°	559.6	547.6	537.3	528.7	523.5	509.7	502.8	497.7	489.0	480.4	471.8
152.5°	576.9	566.5	554.5	551.0	544.2	532.1	523.5	514.9	511.4	502.8	494.2
155°	594.1	583.8	573.4	568.3	564.8	556.2	542.4	537.3	533.8	528.7	521.8
157.5°	609.6	597.5	588.9	587.2	578.6	571.7	566.5	557.9	556.2	545.9	542.4
160°	623.4	616.5	604.4	599.3	601.0	590.6	582.0	573.4	580.3	566.5	564.8
162.5°	637.1	628.5	625.1	618.2	616.5	611.3	604.4	595.8	590.6	594.1	582.0
165°	652.6	644.0	637.1	633.7	630.3	618.2	616.5	611.3	613.0	611.3	607.9
167.5°	659.5	652.6	650.9	644.0	644.0	640.6	633.7	626.8	628.5	628.5	619.9
170°	668.1	661.2	657.8	654.4	654.4	645.7	645.7	640.6	647.5	644.0	637.1
172.5°	676.7	669.9	666.4	668.1	663.0	661.2	656.1	652.6	656.1	659.5	656.1
175°	681.9	675.0	675.0	673.3	668.1	668.1	668.1	664.7	666.4	666.4	661.2
177.5°	687.1	681.9	675.0	680.2	680.2	675.0	671.6	676.7	675.0	685.4	676.7
180°	687.1	687.1	687.1	687.1	687.1	687.1	687.1	687.1	687.1	687.1	687.1



TEST NUMBER: P303112

CATALOG NUMBER: CTW-F-2575-50L935-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	2567.5	2567.5	2567.5	2567.5	2567.5	2567.5	2567.5	2567.5
2.5°	2569.2	2565.8	2564.1	2558.9	2557.2	2552.0	2548.6	2552.0
5°	2555.4	2552.0	2550.3	2546.8	2546.8	2546.8	2546.8	2552.0
7.5°	2533.1	2529.6	2531.3	2527.9	2529.6	2531.3	2531.3	2533.1
10°	2505.5	2502.1	2500.3	2496.9	2498.6	2498.6	2498.6	2503.8
12.5°	2467.6	2464.2	2462.5	2459.0	2462.5	2465.9	2467.6	2469.3
15°	2429.7	2426.3	2424.6	2421.1	2424.6	2428.0	2426.3	2431.5
17.5°	2383.2	2379.8	2376.4	2372.9	2374.6	2376.4	2376.4	2378.1
20°	2326.4	2321.3	2317.8	2314.4	2316.1	2316.1	2319.5	2321.3
22.5°	2262.7	2257.5	2254.1	2252.4	2250.7	2250.7	2257.5	2259.3
25°	2204.2	2190.4	2188.7	2186.9	2185.2	2183.5	2188.7	2190.4
27.5°	2137.0	2124.9	2119.8	2116.3	2114.6	2111.2	2114.6	2124.9
30°	2063.0	2054.3	2049.2	2042.3	2042.3	2037.1	2042.3	2042.3
32.5°	1980.3	1978.6	1973.4	1971.7	1964.8	1959.6	1963.1	1973.4
35°	1894.2	1895.9	1895.9	1892.5	1882.1	1875.3	1877.0	1887.3
37.5°	1809.8	1802.9	1804.7	1797.8	1782.3	1775.4	1775.4	1780.5
40°	1709.9	1701.3	1703.1	1699.6	1694.4	1691.0	1692.7	1689.3
42.5°	1625.6	1617.0	1620.4	1615.2	1610.1	1604.9	1608.3	1606.6
45°	1539.5	1530.9	1529.1	1532.6	1524.0	1524.0	1522.2	1524.0
47.5°	1451.6	1444.8	1446.5	1446.5	1437.9	1437.9	1436.1	1441.3
50°	1363.8	1358.7	1358.7	1355.2	1351.8	1350.0	1350.0	1351.8
52.5°	1279.4	1270.8	1269.1	1272.6	1262.2	1263.9	1263.9	1262.2
55°	1186.5	1181.3	1181.3	1183.0	1174.4	1176.1	1176.1	1174.4
57.5°	1102.1	1093.5	1093.5	1095.2	1090.0	1088.3	1086.6	1088.3
60°	1012.5	1003.9	1003.9	1005.6	995.3	998.8	998.8	1000.5
62.5°	923.0	919.5	912.7	910.9	910.9	909.2	910.9	909.2
65°	831.7	828.3	821.4	824.8	816.2	819.7	816.2	817.9
67.5°	740.5	737.0	731.8	733.6	726.7	730.1	730.1	730.1
70°	649.2	645.7	640.6	638.9	640.6	638.9	638.9	638.9
72.5°	557.9	556.2	549.3	549.3	551.0	549.3	545.9	547.6
75°	463.2	464.9	458.1	459.8	461.5	459.8	459.8	456.3
77.5°	370.2	372.0	370.2	366.8	368.5	368.5	366.8	365.1
80°	282.4	284.1	282.4	279.0	280.7	279.0	279.0	277.2
82.5°	194.6	196.3	192.9	189.4	191.1	189.4	187.7	186.0
85°	110.2	110.2	110.2	106.8	108.5	108.5	106.8	105.0
87.5°	37.9	37.9	37.9	37.9	37.9	37.9	37.9	36.2
90°	6.9	8.6	6.9	6.9	6.9	6.9	6.9	6.9
92.5°	15.5	15.5	13.8	13.8	13.8	12.1	12.1	13.8
95°	27.6	29.3	27.6	27.6	27.6	27.6	27.6	27.6
97.5°	43.0	43.0	43.0	41.3	41.3	39.6	39.6	41.3
100°	58.5	58.5	58.5	58.5	58.5	56.8	56.8	58.5
102.5°	68.9	70.6	70.6	70.6	70.6	70.6	70.6	70.6
105°	75.8	77.5	77.5	77.5	79.2	79.2	79.2	79.2
107.5°	84.4	86.1	86.1	86.1	86.1	86.1	87.8	86.1
110°	101.6	99.9	98.2	98.2	98.2	96.4	98.2	98.2



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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	115.4	117.1	117.1	117.1	117.1	117.1	115.4	117.1
115°	125.7	127.4	127.4	129.1	129.1	129.1	130.9	130.9
117.5°	134.3	136.0	136.0	137.8	137.8	139.5	141.2	141.2
120°	142.9	144.6	144.6	144.6	146.4	146.4	146.4	148.1
122.5°	156.7	155.0	155.0	155.0	155.0	153.3	155.0	155.0
125°	173.9	170.5	168.8	168.8	167.0	165.3	165.3	165.3
127.5°	192.9	189.4	187.7	186.0	184.3	180.8	180.8	179.1
130°	218.7	211.8	210.1	206.6	201.5	199.8	199.8	198.0
132.5°	248.0	241.1	235.9	234.2	227.3	223.9	222.1	222.1
135°	280.7	272.1	268.6	265.2	258.3	253.1	253.1	249.7
137.5°	311.7	301.3	299.6	297.9	291.0	285.9	282.4	279.0
140°	341.0	334.1	328.9	328.9	322.0	315.1	313.4	310.0
142.5°	375.4	368.5	358.2	358.2	349.6	347.8	344.4	342.7
145°	404.7	397.8	394.3	394.3	384.0	382.3	377.1	378.8
147.5°	433.9	428.8	423.6	423.6	415.0	411.6	408.1	406.4
150°	463.2	456.3	452.9	452.9	446.0	440.8	439.1	437.4
152.5°	487.3	480.4	480.4	478.7	470.1	470.1	466.7	468.4
155°	513.2	506.3	508.0	504.5	499.4	495.9	494.2	494.2
157.5°	535.5	532.1	528.7	526.9	525.2	523.5	520.0	518.3
160°	559.6	556.2	552.8	551.0	551.0	547.6	544.2	547.6
162.5°	582.0	576.9	576.9	575.1	575.1	571.7	570.0	571.7
165°	601.0	597.5	597.5	597.5	594.1	597.5	592.4	592.4
167.5°	618.2	618.2	616.5	611.3	611.3	609.6	611.3	613.0
170°	633.7	635.4	632.0	630.3	630.3	630.3	630.3	630.3
172.5°	652.6	649.2	650.9	645.7	647.5	644.0	642.3	645.7
175°	664.7	663.0	663.0	663.0	657.8	659.5	656.1	654.4
177.5°	676.7	676.7	675.0	675.0	673.3	671.6	671.6	668.1
180°	687.1	687.1	687.1	687.1	687.1	687.1	687.1	687.1

(END OF REPORT)