

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: P303103

Luminaire Tested: **CTW-F-2575-50L835-UNV-STD-6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303103
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-2575-50L835-UNV-STD-6
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 5000 LUMEN PACKAGE
Light Source: 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

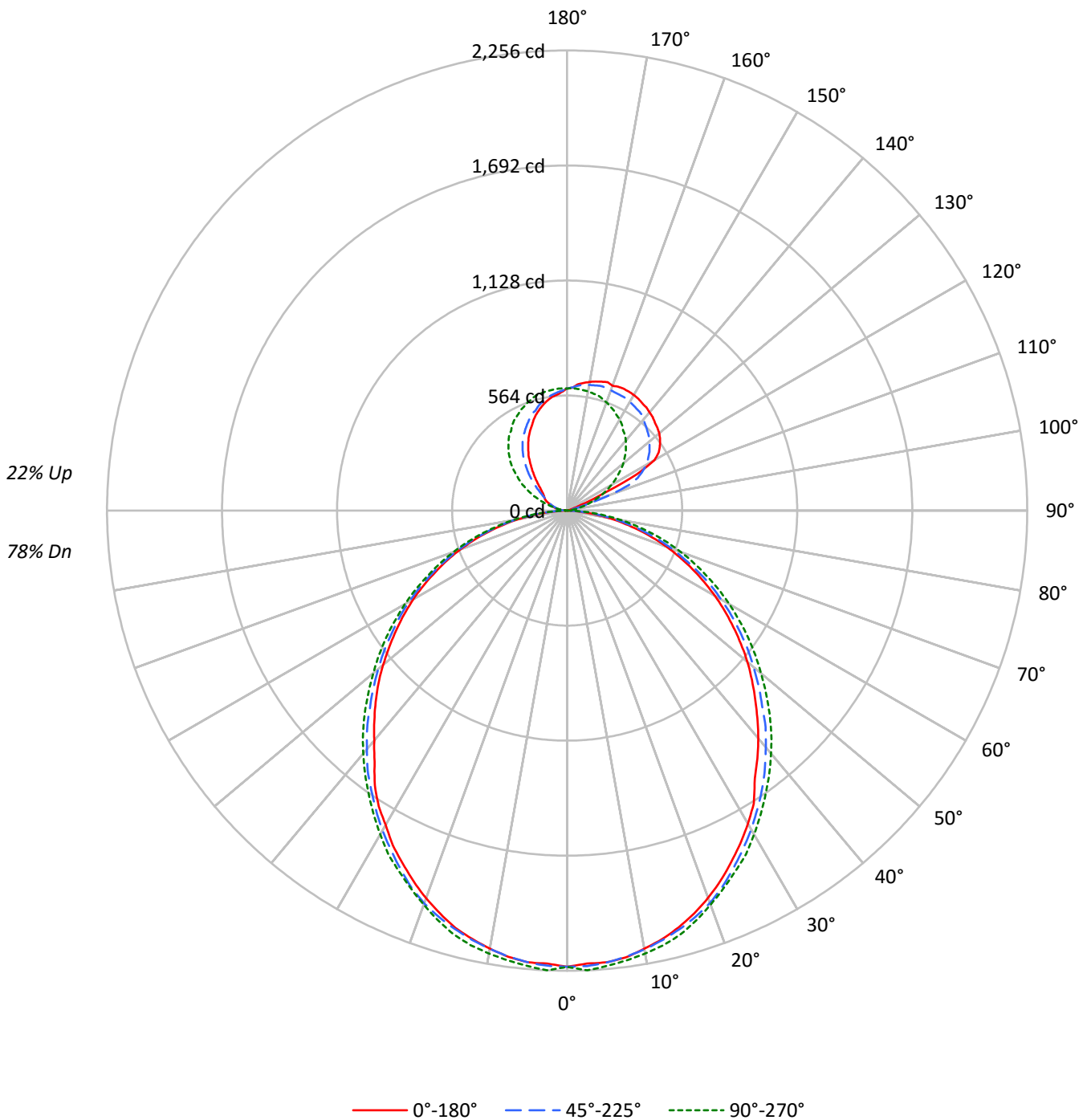
Lumens per Lamp: N/A
Luminaire Lumens: 7641.3 lumens
Efficiency: N/A
Efficacy: 115.6 lumens/watt
Spacing Criteria (0/90/45): 1.19 / 1.22 / 1.32
Luminous Opening: Rectangular (W 6' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 66.1
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	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°	32098	32098	32098
5°	32026	32285	32026
10°	31784	32134	31784
15°	31425	31960	31470
20°	30859	31409	30882
25°	30119	30903	30214
30°	29382	30377	29482
35°	28094	29723	28804
40°	27316	29142	27569
45°	26457	28466	26944
50°	25755	27697	26291
55°	24884	27061	25597
60°	24025	26393	25015
65°	22974	25571	24196
70°	21715	24800	23352
75°	19796	23789	22042
80°	16736	22191	19960
85°	9880	18772	15067



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	210.9	2.8
10°-20°	597.6	7.8
20°-30°	884.6	11.6
30°-40°	1036.8	13.6
40°-50°	1047.2	13.7
50°-60°	933.1	12.2
60°-70°	715.2	9.4
70°-80°	422.7	5.5
80°-90°	113.2	1.5
90°-100°	18.0	0.2
100°-110°	73.1	1.0
110°-120°	202.4	2.6
120°-130°	294.1	3.8
130°-140°	318.0	4.2
140°-150°	303.9	4.0
150°-160°	249.6	3.3
160°-170°	163.9	2.1
170°-180°	56.9	0.7
0°-30°	1693.1	22.2
0°-40°	2729.9	35.7
0°-60°	4710.2	61.6
0°-90°	5961.2	78.0
90°-120°	293.6	3.8
90°-150°	1209.6	15.8
90°-180°	1680.0	22.0
0°-180°	7641.3	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	2236	2236	2236	2236	2236	
5°	2223	2224	2241	2223	2223	211
15°	2115	2126	2151	2124	2118	596
25°	1902	1932	1952	1936	1908	876
35°	1604	1666	1696	1674	1644	1009
45°	1304	1352	1402	1368	1328	1007
55°	994	1034	1082	1052	1023	890
65°	676	708	753	730	712	670
75°	357	384	429	410	398	378
85°	60	81	114	104	92	80
90°	2	2	2	4	6	2
95°	4	4	14	24	24	4
105°	16	42	81	62	69	20
115°	184	382	192	102	114	221
125°	555	492	303	168	144	494
135°	609	555	406	273	218	472
145°	642	603	478	381	330	403
155°	658	622	542	465	430	304
165°	654	633	585	534	516	185
175°	622	615	598	580	570	60
180°	598	598	598	598	598	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2236.5	2236.5	2236.5	2236.5	2236.5	2236.5	2236.5	2236.5	2236.5	2236.5	2236.5
2.5°	2223.0	2220.0	2226.0	2230.5	2230.5	2233.5	2236.5	2241.0	2238.0	2245.5	2235.0
5°	2223.0	2218.5	2221.5	2221.5	2220.0	2223.0	2224.5	2230.5	2227.5	2235.0	2224.5
7.5°	2209.5	2206.5	2206.5	2208.0	2203.5	2206.5	2208.0	2212.5	2208.0	2215.5	2206.5
10°	2181.0	2179.5	2181.0	2182.5	2178.0	2181.0	2181.0	2184.0	2184.0	2190.0	2184.0
12.5°	2152.5	2148.0	2151.0	2149.5	2145.0	2148.0	2149.5	2155.5	2155.5	2160.0	2157.0
15°	2115.0	2113.5	2116.5	2116.5	2112.0	2113.5	2115.0	2119.5	2121.0	2125.5	2125.5
17.5°	2071.5	2068.5	2071.5	2071.5	2068.5	2070.0	2073.0	2079.0	2080.5	2086.5	2089.5
20°	2020.5	2016.0	2017.5	2017.5	2017.5	2019.0	2022.0	2029.5	2035.5	2043.0	2047.5
22.5°	1965.0	1960.5	1959.0	1959.0	1960.5	1962.0	1962.0	1975.5	1983.0	1987.5	1993.5
25°	1902.0	1897.5	1897.5	1902.0	1900.5	1903.5	1908.0	1920.0	1926.0	1921.5	1932.0
27.5°	1839.0	1836.0	1833.0	1836.0	1839.0	1842.0	1849.5	1858.5	1858.5	1861.5	1869.0
30°	1773.0	1765.5	1765.5	1770.0	1774.5	1780.5	1786.5	1791.0	1789.5	1794.0	1804.5
32.5°	1702.5	1699.5	1696.5	1701.0	1708.5	1713.0	1716.0	1716.0	1717.5	1725.0	1735.5
35°	1603.5	1602.0	1608.0	1621.5	1633.5	1641.0	1639.5	1639.5	1644.0	1653.0	1666.5
37.5°	1531.5	1530.0	1530.0	1537.5	1540.5	1545.0	1548.0	1561.5	1572.0	1585.5	1593.0
40°	1458.0	1456.5	1455.0	1464.0	1467.0	1467.0	1470.0	1476.0	1489.5	1513.5	1515.0
42.5°	1380.0	1381.5	1380.0	1387.5	1390.5	1393.5	1395.0	1399.5	1408.5	1423.5	1440.0
45°	1303.5	1305.0	1303.5	1311.0	1314.0	1315.5	1318.5	1323.0	1330.5	1344.0	1351.5
47.5°	1228.5	1228.5	1225.5	1234.5	1237.5	1240.5	1242.0	1245.0	1257.0	1266.0	1273.5
50°	1153.5	1150.5	1147.5	1156.5	1159.5	1162.5	1165.5	1170.0	1173.0	1188.0	1192.5
52.5°	1074.0	1072.5	1071.0	1078.5	1081.5	1083.0	1087.5	1092.0	1098.0	1111.5	1116.0
55°	994.5	994.5	991.5	999.0	1000.5	1005.0	1008.0	1014.0	1017.0	1030.5	1033.5
57.5°	916.5	916.5	912.0	919.5	921.0	925.5	928.5	933.0	937.5	946.5	954.0
60°	837.0	832.5	832.5	838.5	841.5	846.0	849.0	853.5	856.5	865.5	871.5
62.5°	756.0	757.5	757.5	759.0	766.5	765.0	765.0	774.0	777.0	783.0	793.5
65°	676.5	675.0	675.0	679.5	682.5	684.0	684.0	694.5	697.5	702.0	708.0
67.5°	597.0	598.5	598.5	598.5	606.0	604.5	604.5	613.5	616.5	621.0	624.0
70°	517.5	519.0	520.5	519.0	526.5	523.5	528.0	532.5	535.5	541.5	546.0
72.5°	438.0	439.5	441.0	441.0	447.0	444.0	448.5	453.0	460.5	462.0	465.0
75°	357.0	358.5	360.0	360.0	364.5	361.5	366.0	370.5	373.5	379.5	384.0
77.5°	279.0	280.5	283.5	283.5	286.5	283.5	288.0	294.0	297.0	300.0	306.0
80°	202.5	204.0	207.0	207.0	211.5	208.5	211.5	216.0	220.5	225.0	228.0
82.5°	129.0	130.5	132.0	133.5	138.0	138.0	138.0	142.5	148.5	148.5	153.0
85°	60.0	61.5	63.0	63.0	67.5	67.5	67.5	72.0	75.0	78.0	81.0
87.5°	7.5	9.0	9.0	9.0	10.5	10.5	10.5	12.0	13.5	15.0	18.0
90°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
92.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
95°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
97.5°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	7.5	7.5	7.5	9.0
100°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	10.5	10.5	12.0	13.5
102.5°	12.0	12.0	12.0	13.5	13.5	13.5	13.5	15.0	16.5	18.0	22.5
105°	16.5	16.5	16.5	18.0	18.0	19.5	19.5	21.0	25.5	30.0	42.0
107.5°	24.0	24.0	24.0	25.5	27.0	28.5	30.0	36.0	45.0	63.0	97.5
110°	36.0	36.0	37.5	40.5	46.5	51.0	55.5	76.5	108.0	157.5	217.5



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	72.0	73.5	79.5	88.5	111.0	121.5	139.5	193.5	249.0	301.5	327.0
115°	184.5	189.0	195.0	225.0	270.0	286.5	310.5	361.5	382.5	388.5	382.5
117.5°	384.0	390.0	391.5	418.5	429.0	433.5	439.5	445.5	438.0	429.0	417.0
120°	495.0	498.0	493.5	490.5	493.5	489.0	486.0	478.5	466.5	459.0	447.0
122.5°	532.5	534.0	528.0	523.5	520.5	519.0	514.5	502.5	489.0	483.0	469.5
125°	555.0	555.0	552.0	544.5	541.5	540.0	535.5	526.5	513.0	502.5	492.0
127.5°	574.5	574.5	568.5	562.5	559.5	558.0	549.0	541.5	534.0	520.5	508.5
130°	589.5	588.0	583.5	577.5	576.0	571.5	568.5	558.0	550.5	541.5	526.5
132.5°	600.0	601.5	595.5	595.5	592.5	583.5	582.0	573.0	564.0	553.5	543.0
135°	609.0	613.5	609.0	607.5	603.0	595.5	591.0	585.0	576.0	565.5	555.0
137.5°	621.0	618.0	619.5	616.5	613.5	607.5	603.0	600.0	589.5	580.5	568.5
140°	628.5	628.5	628.5	625.5	619.5	618.0	618.0	607.5	606.0	595.5	582.0
142.5°	637.5	636.0	634.5	630.0	631.5	627.0	621.0	621.0	612.0	604.5	597.0
145°	642.0	643.5	636.0	640.5	634.5	633.0	627.0	627.0	621.0	609.0	603.0
147.5°	649.5	648.0	643.5	645.0	640.5	639.0	634.5	631.5	622.5	616.5	609.0
150°	654.0	648.0	651.0	651.0	640.5	640.5	639.0	637.5	630.0	624.0	615.0
152.5°	657.0	654.0	652.5	654.0	645.0	645.0	643.5	637.5	634.5	627.0	621.0
155°	658.5	654.0	654.0	654.0	649.5	646.5	643.5	639.0	636.0	628.5	622.5
157.5°	657.0	657.0	652.5	654.0	652.5	648.0	640.5	640.5	640.5	633.0	624.0
160°	651.0	654.0	654.0	654.0	652.5	651.0	642.0	643.5	639.0	636.0	627.0
162.5°	660.0	654.0	654.0	652.5	651.0	649.5	646.5	646.5	642.0	636.0	631.5
165°	654.0	654.0	654.0	646.5	649.5	646.5	643.5	643.5	640.5	633.0	633.0
167.5°	648.0	646.5	645.0	642.0	643.5	639.0	637.5	639.0	634.5	633.0	628.5
170°	640.5	640.5	637.5	637.5	636.0	634.5	636.0	636.0	631.5	633.0	625.5
172.5°	631.5	634.5	633.0	631.5	628.5	628.5	627.0	625.5	624.0	627.0	621.0
175°	622.5	622.5	622.5	622.5	622.5	622.5	621.0	624.0	619.5	619.5	615.0
177.5°	603.0	609.0	606.0	613.5	615.0	613.5	615.0	613.5	609.0	613.5	604.5
180°	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	2236.5	2236.5	2236.5	2236.5	2236.5	2236.5	2236.5	2236.5	2236.5	2236.5	2236.5
2.5°	2227.5	2229.0	2229.0	2230.5	2232.0	2230.5	2230.5	2241.0	2250.0	2256.0	2250.0
5°	2215.5	2215.5	2215.5	2217.0	2218.5	2217.0	2217.0	2227.5	2236.5	2241.0	2236.5
7.5°	2197.5	2197.5	2197.5	2199.0	2200.5	2200.5	2200.5	2211.0	2220.0	2224.5	2218.5
10°	2173.5	2175.0	2175.0	2176.5	2179.5	2179.5	2181.0	2190.0	2199.0	2205.0	2199.0
12.5°	2145.0	2148.0	2149.5	2152.5	2154.0	2155.5	2157.0	2167.5	2175.0	2182.5	2176.5
15°	2115.0	2118.0	2121.0	2124.0	2125.5	2127.0	2127.0	2137.5	2145.0	2151.0	2145.0
17.5°	2079.0	2082.0	2080.5	2082.0	2082.0	2082.0	2082.0	2089.5	2098.5	2106.0	2098.5
20°	2029.5	2031.0	2029.5	2029.5	2031.0	2032.5	2031.0	2041.5	2049.0	2056.5	2049.0
22.5°	1975.5	1974.0	1974.0	1977.0	1977.0	1981.5	1981.5	1990.5	1998.0	2004.0	1999.5
25°	1915.5	1917.0	1918.5	1920.0	1923.0	1926.0	1929.0	1938.0	1947.0	1951.5	1947.0
27.5°	1857.0	1857.0	1858.5	1864.5	1866.0	1872.0	1875.0	1884.0	1891.5	1899.0	1893.0
30°	1797.0	1797.0	1803.0	1806.0	1807.5	1810.5	1809.0	1819.5	1825.5	1833.0	1831.5
32.5°	1735.5	1735.5	1735.5	1737.0	1738.5	1743.0	1741.5	1753.5	1762.5	1765.5	1764.0
35°	1668.0	1660.5	1663.5	1668.0	1669.5	1674.0	1677.0	1683.0	1693.5	1696.5	1695.0
37.5°	1596.0	1591.5	1594.5	1599.0	1600.5	1603.5	1606.5	1614.0	1620.0	1627.5	1626.0
40°	1525.5	1521.0	1522.5	1528.5	1531.5	1534.5	1536.0	1542.0	1548.0	1555.5	1554.0
42.5°	1450.5	1449.0	1449.0	1455.0	1458.0	1458.0	1462.5	1467.0	1471.5	1482.0	1479.0
45°	1372.5	1372.5	1372.5	1378.5	1381.5	1381.5	1387.5	1390.5	1398.0	1402.5	1401.0
47.5°	1282.5	1297.5	1299.0	1303.5	1302.0	1303.5	1311.0	1311.0	1318.5	1321.5	1321.5
50°	1200.0	1212.0	1219.5	1224.0	1225.5	1225.5	1234.5	1234.5	1237.5	1240.5	1245.0
52.5°	1120.5	1125.0	1141.5	1146.0	1152.0	1146.0	1155.0	1155.0	1159.5	1162.5	1164.0
55°	1039.5	1044.0	1051.5	1062.0	1065.0	1066.5	1074.0	1075.5	1078.5	1081.5	1081.5
57.5°	960.0	963.0	970.5	984.0	985.5	991.5	994.5	994.5	997.5	999.0	1002.0
60°	880.5	883.5	889.5	894.0	903.0	906.0	913.5	915.0	918.0	919.5	919.5
62.5°	799.5	802.5	808.5	816.0	820.5	826.5	828.0	829.5	832.5	837.0	837.0
65°	718.5	721.5	727.5	735.0	735.0	736.5	747.0	748.5	751.5	753.0	757.5
67.5°	634.5	639.0	646.5	652.5	652.5	658.5	666.0	667.5	670.5	673.5	675.0
70°	552.0	556.5	564.0	571.5	574.5	576.0	580.5	585.0	589.5	591.0	592.5
72.5°	471.0	475.5	481.5	490.5	492.0	495.0	498.0	502.5	508.5	511.5	511.5
75°	388.5	393.0	400.5	409.5	412.5	411.0	417.0	420.0	426.0	429.0	429.0
77.5°	309.0	312.0	319.5	325.5	328.5	331.5	331.5	334.5	340.5	345.0	343.5
80°	232.5	235.5	241.5	247.5	249.0	253.5	253.5	256.5	261.0	268.5	264.0
82.5°	162.0	160.5	166.5	172.5	174.0	178.5	181.5	181.5	184.5	190.5	187.5
85°	88.5	90.0	94.5	100.5	103.5	105.0	109.5	109.5	112.5	114.0	118.5
87.5°	24.0	24.0	30.0	34.5	37.5	39.0	43.5	43.5	46.5	51.0	48.0
90°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
92.5°	3.0	3.0	3.0	3.0	4.5	4.5	6.0	7.5	7.5	6.0	7.5
95°	6.0	6.0	7.5	9.0	10.5	12.0	16.5	19.5	16.5	13.5	13.5
97.5°	9.0	10.5	15.0	21.0	24.0	30.0	37.5	34.5	30.0	25.5	24.0
100°	16.5	21.0	28.5	45.0	52.5	60.0	64.5	57.0	48.0	39.0	36.0
102.5°	28.5	42.0	67.5	91.5	97.5	100.5	96.0	85.5	72.0	58.5	51.0
105°	61.5	94.5	133.5	147.0	145.5	144.0	130.5	114.0	97.5	81.0	69.0
107.5°	148.5	187.5	202.5	199.5	192.0	184.5	166.5	147.0	126.0	105.0	91.5
110°	256.5	261.0	256.5	241.5	229.5	220.5	201.0	181.5	156.0	133.5	117.0



TEST NUMBER: P303103

CATALOG NUMBER: CTW-F-2575-50L835-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	327.0	312.0	295.5	277.5	265.5	255.0	232.5	210.0	186.0	163.5	145.5
115°	367.5	352.5	331.5	307.5	297.0	288.0	264.0	238.5	214.5	192.0	174.0
117.5°	400.5	381.0	361.5	340.5	330.0	318.0	295.5	271.5	244.5	220.5	204.0
120°	430.5	408.0	388.5	366.0	360.0	348.0	325.5	298.5	271.5	250.5	231.0
122.5°	453.0	433.5	412.5	394.5	384.0	375.0	349.5	325.5	300.0	277.5	259.5
125°	474.0	454.5	435.0	415.5	408.0	397.5	372.0	351.0	327.0	303.0	286.5
127.5°	495.0	472.5	457.5	444.0	430.5	417.0	394.5	375.0	352.5	333.0	313.5
130°	513.0	495.0	477.0	459.0	448.5	439.5	418.5	397.5	379.5	360.0	342.0
132.5°	525.0	511.5	493.5	480.0	465.0	457.5	436.5	418.5	399.0	382.5	364.5
135°	540.0	528.0	508.5	493.5	487.5	477.0	454.5	438.0	421.5	406.5	387.0
137.5°	555.0	541.5	526.5	510.0	501.0	493.5	472.5	460.5	442.5	426.0	411.0
140°	570.0	552.0	541.5	523.5	514.5	510.0	492.0	474.0	462.0	447.0	432.0
142.5°	579.0	564.0	550.5	537.0	531.0	523.5	507.0	487.5	478.5	466.5	450.0
145°	588.0	576.0	559.5	546.0	541.5	535.5	520.5	508.5	496.5	478.5	468.0
147.5°	597.0	583.5	573.0	559.5	550.5	549.0	534.0	522.0	508.5	499.5	484.5
150°	601.5	588.0	580.5	567.0	559.5	559.5	547.5	532.5	526.5	516.0	501.0
152.5°	607.5	598.5	589.5	580.5	571.5	570.0	559.5	549.0	537.0	526.5	517.5
155°	613.5	606.0	598.5	586.5	580.5	579.0	568.5	559.5	550.5	541.5	531.0
157.5°	616.5	604.5	600.0	592.5	588.0	583.5	573.0	565.5	562.5	552.0	540.0
160°	618.0	609.0	603.0	595.5	597.0	589.5	582.0	579.0	571.5	564.0	555.0
162.5°	619.5	616.5	607.5	601.5	600.0	594.0	589.5	585.0	580.5	574.5	567.0
165°	622.5	619.5	613.5	601.5	603.0	598.5	597.0	588.0	589.5	585.0	571.5
167.5°	621.0	616.5	610.5	610.5	603.0	603.0	598.5	597.0	592.5	588.0	579.0
170°	619.5	616.5	609.0	607.5	609.0	604.5	600.0	600.0	597.0	594.0	591.0
172.5°	615.0	612.0	607.5	612.0	607.5	604.5	601.5	595.5	601.5	595.5	589.5
175°	609.0	609.0	604.5	603.0	604.5	601.5	603.0	601.5	598.5	598.5	597.0
177.5°	604.5	606.0	600.0	601.5	603.0	600.0	603.0	603.0	604.5	600.0	603.0
180°	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5



TEST NUMBER: P303103

CATALOG NUMBER: CTW-F-2575-50L835-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	2236.5	2236.5	2236.5	2236.5	2236.5	2236.5	2236.5	2236.5	2236.5	2236.5	2236.5
2.5°	2244.0	2235.0	2232.0	2232.0	2230.5	2224.5	2223.0	2223.0	2233.5	2247.0	2232.0
5°	2229.0	2220.0	2217.0	2218.5	2217.0	2211.0	2211.0	2211.0	2223.0	2236.5	2221.5
7.5°	2212.5	2203.5	2200.5	2200.5	2199.0	2193.0	2193.0	2193.0	2205.0	2215.5	2203.5
10°	2191.5	2182.5	2179.5	2179.5	2176.5	2170.5	2169.0	2170.5	2182.5	2190.0	2178.0
12.5°	2169.0	2158.5	2155.5	2154.0	2151.0	2145.0	2142.0	2142.0	2155.5	2161.5	2148.0
15°	2139.0	2130.0	2125.5	2127.0	2124.0	2116.5	2115.0	2112.0	2124.0	2125.5	2116.5
17.5°	2094.0	2085.0	2083.5	2085.0	2082.0	2076.0	2077.5	2076.0	2089.5	2085.0	2076.0
20°	2043.0	2034.0	2032.5	2034.0	2029.5	2028.0	2031.0	2032.5	2049.0	2041.5	2031.0
22.5°	1992.0	1981.5	1981.5	1980.0	1975.5	1972.5	1974.0	1977.0	1998.0	1990.5	1983.0
25°	1938.0	1929.0	1927.5	1926.0	1921.5	1917.0	1915.5	1915.5	1936.5	1927.5	1929.0
27.5°	1888.5	1875.0	1870.5	1869.0	1864.5	1858.5	1857.0	1857.0	1873.5	1863.0	1869.0
30°	1824.0	1813.5	1812.0	1812.0	1807.5	1801.5	1797.0	1798.5	1810.5	1794.0	1797.0
32.5°	1758.0	1746.0	1747.5	1744.5	1740.0	1740.0	1737.0	1737.0	1743.0	1725.0	1728.0
35°	1689.0	1680.0	1678.5	1675.5	1669.5	1666.5	1668.0	1674.0	1674.0	1656.0	1656.0
37.5°	1618.5	1608.0	1609.5	1605.0	1600.5	1597.5	1597.5	1605.0	1606.5	1588.5	1585.5
40°	1548.0	1539.0	1536.0	1536.0	1531.5	1528.5	1527.0	1536.0	1527.0	1522.5	1510.5
42.5°	1473.0	1464.0	1461.0	1461.0	1459.5	1458.0	1456.5	1462.5	1452.0	1440.0	1426.5
45°	1396.5	1393.5	1389.0	1384.5	1383.0	1383.0	1384.5	1384.5	1368.0	1354.5	1351.5
47.5°	1317.0	1317.0	1311.0	1309.5	1309.5	1308.0	1308.0	1300.5	1288.5	1279.5	1275.0
50°	1240.5	1237.5	1231.5	1233.0	1233.0	1230.0	1227.0	1213.5	1209.0	1201.5	1197.0
52.5°	1162.5	1164.0	1153.5	1156.5	1155.0	1149.0	1141.5	1135.5	1131.0	1123.5	1119.0
55°	1080.0	1077.0	1074.0	1080.0	1077.0	1065.0	1059.0	1056.0	1051.5	1044.0	1041.0
57.5°	1002.0	1003.5	996.0	997.5	993.0	982.5	982.5	978.0	975.0	964.5	961.5
60°	919.5	913.5	916.5	919.5	906.0	901.5	903.0	898.5	895.5	885.0	882.0
62.5°	837.0	837.0	837.0	829.5	826.5	822.0	823.5	819.0	813.0	805.5	804.0
65°	757.5	754.5	748.5	748.5	745.5	742.5	744.0	741.0	730.5	726.0	724.5
67.5°	676.5	670.5	667.5	669.0	664.5	661.5	663.0	660.0	651.0	645.0	645.0
70°	597.0	585.0	586.5	586.5	583.5	579.0	580.5	574.5	570.0	570.0	565.5
72.5°	513.0	508.5	505.5	504.0	502.5	498.0	498.0	493.5	492.0	490.5	487.5
75°	430.5	424.5	424.5	424.5	421.5	418.5	418.5	412.5	409.5	412.5	408.0
77.5°	345.0	342.0	342.0	342.0	337.5	336.0	337.5	331.5	333.0	330.0	327.0
80°	267.0	264.0	264.0	262.5	264.0	258.0	259.5	255.0	255.0	253.5	250.5
82.5°	192.0	189.0	187.5	186.0	184.5	183.0	184.5	183.0	180.0	177.0	174.0
85°	120.0	115.5	115.5	115.5	115.5	111.0	111.0	108.0	103.5	102.0	99.0
87.5°	52.5	49.5	46.5	45.0	46.5	42.0	43.5	42.0	39.0	37.5	34.5
90°	1.5	3.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5	6.0	6.0
92.5°	9.0	12.0	12.0	12.0	12.0	13.5	13.5	13.5	12.0	12.0	13.5
95°	16.5	19.5	22.5	24.0	24.0	25.5	25.5	24.0	24.0	24.0	24.0
97.5°	24.0	27.0	28.5	30.0	31.5	34.5	36.0	37.5	37.5	37.5	37.5
100°	34.5	34.5	37.5	40.5	40.5	40.5	43.5	45.0	48.0	49.5	49.5
102.5°	46.5	45.0	45.0	46.5	49.5	52.5	51.0	51.0	54.0	55.5	58.5
105°	63.0	58.5	57.0	55.5	57.0	60.0	63.0	63.0	61.5	61.5	63.0
107.5°	82.5	75.0	70.5	69.0	67.5	69.0	70.5	73.5	75.0	75.0	73.5
110°	105.0	93.0	87.0	84.0	81.0	79.5	79.5	82.5	84.0	87.0	88.5



TEST NUMBER: P303103

CATALOG NUMBER: CTW-F-2575-50L835-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	130.5	115.5	106.5	102.0	97.5	94.5	91.5	91.5	93.0	96.0	99.0
115°	157.5	141.0	129.0	123.0	117.0	109.5	106.5	103.5	102.0	105.0	106.5
117.5°	186.0	169.5	153.0	145.5	139.5	130.5	121.5	118.5	115.5	112.5	114.0
120°	213.0	196.5	178.5	172.5	165.0	153.0	141.0	133.5	130.5	127.5	124.5
122.5°	243.0	225.0	205.5	198.0	192.0	177.0	165.0	154.5	147.0	142.5	138.0
125°	270.0	252.0	234.0	226.5	217.5	204.0	190.5	178.5	168.0	160.5	153.0
127.5°	295.5	279.0	261.0	253.5	247.5	229.5	217.5	204.0	193.5	184.5	175.5
130°	327.0	301.5	288.0	280.5	273.0	259.5	243.0	231.0	220.5	210.0	199.5
132.5°	349.5	333.0	310.5	306.0	298.5	283.5	271.5	258.0	247.5	235.5	225.0
135°	370.5	355.5	342.0	331.5	327.0	309.0	297.0	285.0	273.0	264.0	253.5
137.5°	394.5	378.0	361.5	358.5	349.5	337.5	327.0	312.0	301.5	289.5	280.5
140°	417.0	400.5	388.5	376.5	372.0	363.0	352.5	342.0	330.0	318.0	307.5
142.5°	438.0	421.5	408.0	402.0	394.5	384.0	373.5	366.0	357.0	348.0	337.5
145°	456.0	439.5	429.0	423.0	417.0	405.0	396.0	390.0	381.0	370.5	361.5
147.5°	471.0	459.0	447.0	444.0	432.0	424.5	418.5	409.5	406.5	394.5	388.5
150°	487.5	477.0	468.0	460.5	456.0	444.0	438.0	433.5	426.0	418.5	411.0
152.5°	502.5	493.5	483.0	480.0	474.0	463.5	456.0	448.5	445.5	438.0	430.5
155°	517.5	508.5	499.5	495.0	492.0	484.5	472.5	468.0	465.0	460.5	454.5
157.5°	531.0	520.5	513.0	511.5	504.0	498.0	493.5	486.0	484.5	475.5	472.5
160°	543.0	537.0	526.5	522.0	523.5	514.5	507.0	499.5	505.5	493.5	492.0
162.5°	555.0	547.5	544.5	538.5	537.0	532.5	526.5	519.0	514.5	517.5	507.0
165°	568.5	561.0	555.0	552.0	549.0	538.5	537.0	532.5	534.0	532.5	529.5
167.5°	574.5	568.5	567.0	561.0	561.0	558.0	552.0	546.0	547.5	547.5	540.0
170°	582.0	576.0	573.0	570.0	570.0	562.5	562.5	558.0	564.0	561.0	555.0
172.5°	589.5	583.5	580.5	582.0	577.5	576.0	571.5	568.5	571.5	574.5	571.5
175°	594.0	588.0	588.0	586.5	582.0	582.0	582.0	579.0	580.5	580.5	576.0
177.5°	598.5	594.0	588.0	592.5	592.5	588.0	585.0	589.5	588.0	597.0	589.5
180°	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5



TEST NUMBER: P303103

CATALOG NUMBER: CTW-F-2575-50L835-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	2236.5	2236.5	2236.5	2236.5	2236.5	2236.5	2236.5	2236.5
2.5°	2238.0	2235.0	2233.5	2229.0	2227.5	2223.0	2220.0	2223.0
5°	2226.0	2223.0	2221.5	2218.5	2218.5	2218.5	2218.5	2223.0
7.5°	2206.5	2203.5	2205.0	2202.0	2203.5	2205.0	2205.0	2206.5
10°	2182.5	2179.5	2178.0	2175.0	2176.5	2176.5	2176.5	2181.0
12.5°	2149.5	2146.5	2145.0	2142.0	2145.0	2148.0	2149.5	2151.0
15°	2116.5	2113.5	2112.0	2109.0	2112.0	2115.0	2113.5	2118.0
17.5°	2076.0	2073.0	2070.0	2067.0	2068.5	2070.0	2070.0	2071.5
20°	2026.5	2022.0	2019.0	2016.0	2017.5	2017.5	2020.5	2022.0
22.5°	1971.0	1966.5	1963.5	1962.0	1960.5	1960.5	1966.5	1968.0
25°	1920.0	1908.0	1906.5	1905.0	1903.5	1902.0	1906.5	1908.0
27.5°	1861.5	1851.0	1846.5	1843.5	1842.0	1839.0	1842.0	1851.0
30°	1797.0	1789.5	1785.0	1779.0	1779.0	1774.5	1779.0	1779.0
32.5°	1725.0	1723.5	1719.0	1717.5	1711.5	1707.0	1710.0	1719.0
35°	1650.0	1651.5	1651.5	1648.5	1639.5	1633.5	1635.0	1644.0
37.5°	1576.5	1570.5	1572.0	1566.0	1552.5	1546.5	1546.5	1551.0
40°	1489.5	1482.0	1483.5	1480.5	1476.0	1473.0	1474.5	1471.5
42.5°	1416.0	1408.5	1411.5	1407.0	1402.5	1398.0	1401.0	1399.5
45°	1341.0	1333.5	1332.0	1335.0	1327.5	1327.5	1326.0	1327.5
47.5°	1264.5	1258.5	1260.0	1260.0	1252.5	1252.5	1251.0	1255.5
50°	1188.0	1183.5	1183.5	1180.5	1177.5	1176.0	1176.0	1177.5
52.5°	1114.5	1107.0	1105.5	1108.5	1099.5	1101.0	1101.0	1099.5
55°	1033.5	1029.0	1029.0	1030.5	1023.0	1024.5	1024.5	1023.0
57.5°	960.0	952.5	952.5	954.0	949.5	948.0	946.5	948.0
60°	882.0	874.5	874.5	876.0	867.0	870.0	870.0	871.5
62.5°	804.0	801.0	795.0	793.5	793.5	792.0	793.5	792.0
65°	724.5	721.5	715.5	718.5	711.0	714.0	711.0	712.5
67.5°	645.0	642.0	637.5	639.0	633.0	636.0	636.0	636.0
70°	565.5	562.5	558.0	556.5	558.0	556.5	556.5	556.5
72.5°	486.0	484.5	478.5	478.5	480.0	478.5	475.5	477.0
75°	403.5	405.0	399.0	400.5	402.0	400.5	400.5	397.5
77.5°	322.5	324.0	322.5	319.5	321.0	321.0	319.5	318.0
80°	246.0	247.5	246.0	243.0	244.5	243.0	243.0	241.5
82.5°	169.5	171.0	168.0	165.0	166.5	165.0	163.5	162.0
85°	96.0	96.0	96.0	93.0	94.5	94.5	93.0	91.5
87.5°	33.0	33.0	33.0	33.0	33.0	33.0	33.0	31.5
90°	6.0	7.5	6.0	6.0	6.0	6.0	6.0	6.0
92.5°	13.5	13.5	12.0	12.0	12.0	10.5	10.5	12.0
95°	24.0	25.5	24.0	24.0	24.0	24.0	24.0	24.0
97.5°	37.5	37.5	37.5	36.0	36.0	34.5	34.5	36.0
100°	51.0	51.0	51.0	51.0	51.0	49.5	49.5	51.0
102.5°	60.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5
105°	66.0	67.5	67.5	67.5	69.0	69.0	69.0	69.0
107.5°	73.5	75.0	75.0	75.0	75.0	75.0	76.5	75.0
110°	88.5	87.0	85.5	85.5	85.5	84.0	85.5	85.5



TEST NUMBER: P303103

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	100.5	102.0	102.0	102.0	102.0	102.0	100.5	102.0
115°	109.5	111.0	111.0	112.5	112.5	112.5	114.0	114.0
117.5°	117.0	118.5	118.5	120.0	120.0	121.5	123.0	123.0
120°	124.5	126.0	126.0	126.0	127.5	127.5	127.5	129.0
122.5°	136.5	135.0	135.0	135.0	135.0	133.5	135.0	135.0
125°	151.5	148.5	147.0	147.0	145.5	144.0	144.0	144.0
127.5°	168.0	165.0	163.5	162.0	160.5	157.5	157.5	156.0
130°	190.5	184.5	183.0	180.0	175.5	174.0	174.0	172.5
132.5°	216.0	210.0	205.5	204.0	198.0	195.0	193.5	193.5
135°	244.5	237.0	234.0	231.0	225.0	220.5	220.5	217.5
137.5°	271.5	262.5	261.0	259.5	253.5	249.0	246.0	243.0
140°	297.0	291.0	286.5	286.5	280.5	274.5	273.0	270.0
142.5°	327.0	321.0	312.0	312.0	304.5	303.0	300.0	298.5
145°	352.5	346.5	343.5	343.5	334.5	333.0	328.5	330.0
147.5°	378.0	373.5	369.0	369.0	361.5	358.5	355.5	354.0
150°	403.5	397.5	394.5	394.5	388.5	384.0	382.5	381.0
152.5°	424.5	418.5	418.5	417.0	409.5	409.5	406.5	408.0
155°	447.0	441.0	442.5	439.5	435.0	432.0	430.5	430.5
157.5°	466.5	463.5	460.5	459.0	457.5	456.0	453.0	451.5
160°	487.5	484.5	481.5	480.0	480.0	477.0	474.0	477.0
162.5°	507.0	502.5	502.5	501.0	501.0	498.0	496.5	498.0
165°	523.5	520.5	520.5	520.5	517.5	520.5	516.0	516.0
167.5°	538.5	538.5	537.0	532.5	532.5	531.0	532.5	534.0
170°	552.0	553.5	550.5	549.0	549.0	549.0	549.0	549.0
172.5°	568.5	565.5	567.0	562.5	564.0	561.0	559.5	562.5
175°	579.0	577.5	577.5	577.5	573.0	574.5	571.5	570.0
177.5°	589.5	589.5	588.0	588.0	586.5	585.0	585.0	582.0
180°	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5

(END OF REPORT)