

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: P303106

Luminaire Tested: **CTW-F-2575-50L935-UNV-STD-6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303106
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-6
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

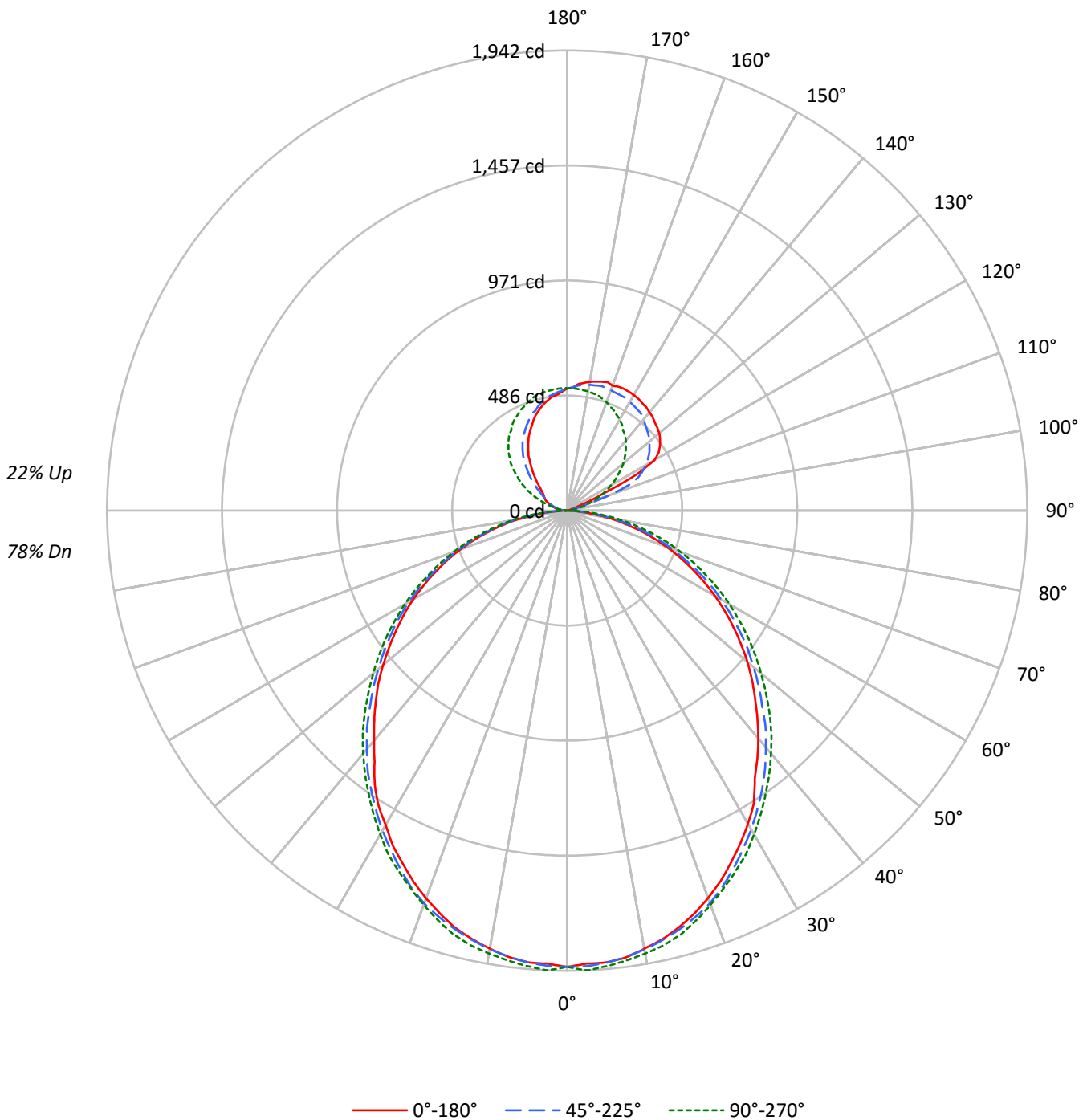
Lumens per Lamp: N/A
Luminaire Lumens: 6579.1 lumens
Efficiency: N/A
Efficacy: 99.5 lumens/watt
Spacing Criteria (0/90/45): 1.19 / 1.22 / 1.32
Luminous Opening: Rectangular (W 6' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

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	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	27095
20°	26570	27042	26589
25°	25932	26607	26015
30°	25299	26154	25384
35°	24189	25592	24800
40°	23518	25092	23737
45°	22779	24510	23199
50°	22176	23848	22636
55°	21426	23300	22039
60°	20687	22725	21539
65°	19781	22016	20834
70°	18698	21355	20104
75°	17046	20484	18975
80°	14414	19109	17183
85°	8513	16171	12976



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	181.5	2.8
10°-20°	514.5	7.8
20°-30°	761.7	11.6
30°-40°	892.7	13.6
40°-50°	901.6	13.7
50°-60°	803.4	12.2
60°-70°	615.8	9.4
70°-80°	363.9	5.5
80°-90°	97.5	1.5
90°-100°	15.5	0.2
100°-110°	63.0	1.0
110°-120°	174.3	2.6
120°-130°	253.3	3.8
130°-140°	273.8	4.2
140°-150°	261.7	4.0
150°-160°	214.9	3.3
160°-170°	141.1	2.1
170°-180°	48.9	0.7
0°-30°	1457.7	22.2
0°-40°	2350.4	35.7
0°-60°	4055.5	61.6
0°-90°	5132.6	78.0
90°-120°	252.8	3.8
90°-150°	1041.5	15.8
90°-180°	1446.0	22.0
0°-180°	6579.1	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1926	1926	1926	1926	1926	
5°	1914	1915	1930	1914	1914	182
15°	1821	1830	1852	1829	1824	513
25°	1638	1664	1680	1667	1643	755
35°	1381	1435	1461	1441	1416	869
45°	1122	1164	1208	1178	1143	867
55°	856	890	931	905	881	766
65°	582	610	648	629	614	577
75°	307	331	369	353	342	325
85°	52	70	98	89	79	69
90°	1	1	1	4	5	2
95°	4	4	12	21	21	4
105°	14	36	70	53	59	17
115°	159	329	165	88	98	191
125°	478	424	261	145	124	425
135°	524	478	350	235	187	406
145°	553	519	412	328	284	347
155°	567	536	466	400	371	262
165°	563	545	504	460	444	159
175°	536	530	515	500	491	52
180°	515	515	515	515	515	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1925.6	1925.6	1925.6	1925.6	1925.6	1925.6	1925.6	1925.6	1925.6	1925.6	1925.6
2.5°	1914.0	1911.4	1916.6	1920.5	1920.5	1923.0	1925.6	1929.5	1926.9	1933.4	1924.3
5°	1914.0	1910.1	1912.7	1912.7	1911.4	1914.0	1915.3	1920.5	1917.9	1924.3	1915.3
7.5°	1902.4	1899.8	1899.8	1901.1	1897.2	1899.8	1901.1	1905.0	1901.1	1907.5	1899.8
10°	1877.8	1876.5	1877.8	1879.1	1875.3	1877.8	1877.8	1880.4	1880.4	1885.6	1880.4
12.5°	1853.3	1849.4	1852.0	1850.7	1846.8	1849.4	1850.7	1855.9	1855.9	1859.8	1857.2
15°	1821.0	1819.7	1822.3	1822.3	1818.4	1819.7	1821.0	1824.9	1826.2	1830.1	1830.1
17.5°	1783.6	1781.0	1783.6	1783.6	1781.0	1782.3	1784.9	1790.0	1791.3	1796.5	1799.1
20°	1739.7	1735.8	1737.1	1737.1	1737.1	1738.4	1740.9	1747.4	1752.6	1759.0	1762.9
22.5°	1691.9	1688.0	1686.7	1686.7	1688.0	1689.3	1689.3	1700.9	1707.4	1711.2	1716.4
25°	1637.6	1633.7	1633.7	1637.6	1636.3	1638.9	1642.8	1653.1	1658.3	1654.4	1663.5
27.5°	1583.4	1580.8	1578.2	1580.8	1583.4	1586.0	1592.4	1600.2	1600.2	1602.8	1609.2
30°	1526.6	1520.1	1520.1	1524.0	1527.8	1533.0	1538.2	1542.1	1540.8	1544.6	1553.7
32.5°	1465.9	1463.3	1460.7	1464.6	1471.0	1474.9	1477.5	1477.5	1478.8	1485.2	1494.3
35°	1380.6	1379.3	1384.5	1396.1	1406.4	1412.9	1411.6	1411.6	1415.5	1423.2	1434.9
37.5°	1318.6	1317.3	1317.3	1323.8	1326.4	1330.2	1332.8	1344.5	1353.5	1365.1	1371.6
40°	1255.3	1254.0	1252.8	1260.5	1263.1	1263.1	1265.7	1270.8	1282.5	1303.1	1304.4
42.5°	1188.2	1189.5	1188.2	1194.6	1197.2	1199.8	1201.1	1205.0	1212.7	1225.6	1239.8
45°	1122.3	1123.6	1122.3	1128.8	1131.4	1132.6	1135.2	1139.1	1145.6	1157.2	1163.6
47.5°	1057.7	1057.7	1055.2	1062.9	1065.5	1068.1	1069.4	1071.9	1082.3	1090.0	1096.5
50°	993.2	990.6	988.0	995.7	998.3	1000.9	1003.5	1007.4	1010.0	1022.9	1026.7
52.5°	924.7	923.4	922.1	928.6	931.2	932.5	936.3	940.2	945.4	957.0	960.9
55°	856.3	856.3	853.7	860.1	861.4	865.3	867.9	873.1	875.6	887.3	889.8
57.5°	789.1	789.1	785.2	791.7	793.0	796.9	799.4	803.3	807.2	814.9	821.4
60°	720.7	716.8	716.8	721.9	724.5	728.4	731.0	734.9	737.4	745.2	750.4
62.5°	650.9	652.2	652.2	653.5	660.0	658.7	658.7	666.4	669.0	674.2	683.2
65°	582.5	581.2	581.2	585.0	587.6	588.9	588.9	598.0	600.5	604.4	609.6
67.5°	514.0	515.3	515.3	515.3	521.8	520.5	520.5	528.2	530.8	534.7	537.3
70°	445.6	446.9	448.2	446.9	453.3	450.7	454.6	458.5	461.1	466.2	470.1
72.5°	377.1	378.4	379.7	379.7	384.9	382.3	386.2	390.0	396.5	397.8	400.4
75°	307.4	308.7	310.0	310.0	313.8	311.3	315.1	319.0	321.6	326.7	330.6
77.5°	240.2	241.5	244.1	244.1	246.7	244.1	248.0	253.1	255.7	258.3	263.5
80°	174.4	175.6	178.2	178.2	182.1	179.5	182.1	186.0	189.9	193.7	196.3
82.5°	111.1	112.4	113.7	114.9	118.8	118.8	118.8	122.7	127.9	127.9	131.7
85°	51.7	53.0	54.2	54.2	58.1	58.1	58.1	62.0	64.6	67.2	69.7
87.5°	6.5	7.7	7.7	7.7	9.0	9.0	9.0	10.3	11.6	12.9	15.5
90°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
92.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
95°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
97.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	6.5	6.5	6.5	7.7
100°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	9.0	9.0	10.3	11.6
102.5°	10.3	10.3	10.3	11.6	11.6	11.6	11.6	12.9	14.2	15.5	19.4
105°	14.2	14.2	14.2	15.5	15.5	16.8	16.8	18.1	22.0	25.8	36.2
107.5°	20.7	20.7	20.7	22.0	23.2	24.5	25.8	31.0	38.7	54.2	83.9
110°	31.0	31.0	32.3	34.9	40.0	43.9	47.8	65.9	93.0	135.6	187.3



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	62.0	63.3	68.4	76.2	95.6	104.6	120.1	166.6	214.4	259.6	281.5
115°	158.9	162.7	167.9	193.7	232.5	246.7	267.3	311.3	329.3	334.5	329.3
117.5°	330.6	335.8	337.1	360.3	369.4	373.2	378.4	383.6	377.1	369.4	359.0
120°	426.2	428.8	424.9	422.3	424.9	421.0	418.4	412.0	401.7	395.2	384.9
122.5°	458.5	459.8	454.6	450.7	448.2	446.9	443.0	432.7	421.0	415.9	404.2
125°	477.9	477.9	475.3	468.8	466.2	464.9	461.1	453.3	441.7	432.7	423.6
127.5°	494.6	494.6	489.5	484.3	481.7	480.4	472.7	466.2	459.8	448.2	437.8
130°	507.6	506.3	502.4	497.2	495.9	492.1	489.5	480.4	474.0	466.2	453.3
132.5°	516.6	517.9	512.7	512.7	510.1	502.4	501.1	493.4	485.6	476.6	467.5
135°	524.3	528.2	524.3	523.1	519.2	512.7	508.9	503.7	495.9	486.9	477.9
137.5°	534.7	532.1	533.4	530.8	528.2	523.1	519.2	516.6	507.6	499.8	489.5
140°	541.1	541.1	541.1	538.6	533.4	532.1	532.1	523.1	521.8	512.7	501.1
142.5°	548.9	547.6	546.3	542.4	543.7	539.8	534.7	534.7	526.9	520.5	514.0
145°	552.8	554.1	547.6	551.5	546.3	545.0	539.8	539.8	534.7	524.3	519.2
147.5°	559.2	557.9	554.1	555.3	551.5	550.2	546.3	543.7	536.0	530.8	524.3
150°	563.1	557.9	560.5	560.5	551.5	551.5	550.2	548.9	542.4	537.3	529.5
152.5°	565.7	563.1	561.8	563.1	555.3	555.3	554.1	548.9	546.3	539.8	534.7
155°	567.0	563.1	563.1	563.1	559.2	556.6	554.1	550.2	547.6	541.1	536.0
157.5°	565.7	565.7	561.8	563.1	561.8	557.9	551.5	551.5	551.5	545.0	537.3
160°	560.5	563.1	563.1	563.1	561.8	560.5	552.8	554.1	550.2	547.6	539.8
162.5°	568.3	563.1	563.1	561.8	560.5	559.2	556.6	556.6	552.8	547.6	543.7
165°	563.1	563.1	563.1	556.6	559.2	556.6	554.1	554.1	551.5	545.0	545.0
167.5°	557.9	556.6	555.3	552.8	554.1	550.2	548.9	550.2	546.3	545.0	541.1
170°	551.5	551.5	548.9	548.9	547.6	546.3	547.6	547.6	543.7	545.0	538.6
172.5°	543.7	546.3	545.0	543.7	541.1	541.1	539.8	538.6	537.3	539.8	534.7
175°	536.0	536.0	536.0	536.0	536.0	536.0	534.7	537.3	533.4	533.4	529.5
177.5°	519.2	524.3	521.8	528.2	529.5	528.2	529.5	528.2	524.3	528.2	520.5
180°	515.3	515.3	515.3	515.3	515.3	515.3	515.3	515.3	515.3	515.3	515.3



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1925.6	1925.6	1925.6	1925.6	1925.6	1925.6	1925.6	1925.6	1925.6	1925.6	1925.6
2.5°	1917.9	1919.2	1919.2	1920.5	1921.8	1920.5	1920.5	1929.5	1937.2	1942.4	1937.2
5°	1907.5	1907.5	1907.5	1908.8	1910.1	1908.8	1908.8	1917.9	1925.6	1929.5	1925.6
7.5°	1892.0	1892.0	1892.0	1893.3	1894.6	1894.6	1894.6	1903.7	1911.4	1915.3	1910.1
10°	1871.4	1872.7	1872.7	1874.0	1876.5	1876.5	1877.8	1885.6	1893.3	1898.5	1893.3
12.5°	1846.8	1849.4	1850.7	1853.3	1854.6	1855.9	1857.2	1866.2	1872.7	1879.1	1874.0
15°	1821.0	1823.6	1826.2	1828.8	1830.1	1831.3	1831.3	1840.4	1846.8	1852.0	1846.8
17.5°	1790.0	1792.6	1791.3	1792.6	1792.6	1792.6	1792.6	1799.1	1806.8	1813.3	1806.8
20°	1747.4	1748.7	1747.4	1747.4	1748.7	1750.0	1748.7	1757.7	1764.2	1770.6	1764.2
22.5°	1700.9	1699.6	1699.6	1702.2	1702.2	1706.1	1706.1	1713.8	1720.3	1725.4	1721.6
25°	1649.2	1650.5	1651.8	1653.1	1655.7	1658.3	1660.9	1668.6	1676.4	1680.2	1676.4
27.5°	1598.9	1598.9	1600.2	1605.3	1606.6	1611.8	1614.4	1622.1	1628.6	1635.0	1629.9
30°	1547.2	1547.2	1552.4	1555.0	1556.3	1558.8	1557.5	1566.6	1571.8	1578.2	1576.9
32.5°	1494.3	1494.3	1494.3	1495.6	1496.8	1500.7	1499.4	1509.8	1517.5	1520.1	1518.8
35°	1436.1	1429.7	1432.3	1436.1	1437.4	1441.3	1443.9	1449.1	1458.1	1460.7	1459.4
37.5°	1374.2	1370.3	1372.9	1376.7	1378.0	1380.6	1383.2	1389.7	1394.8	1401.3	1400.0
40°	1313.5	1309.6	1310.9	1316.0	1318.6	1321.2	1322.5	1327.7	1332.8	1339.3	1338.0
42.5°	1248.9	1247.6	1247.6	1252.8	1255.3	1255.3	1259.2	1263.1	1267.0	1276.0	1273.4
45°	1181.7	1181.7	1181.7	1186.9	1189.5	1189.5	1194.6	1197.2	1203.7	1207.6	1206.3
47.5°	1104.2	1117.1	1118.4	1122.3	1121.0	1122.3	1128.8	1128.8	1135.2	1137.8	1137.8
50°	1033.2	1043.5	1050.0	1053.9	1055.2	1055.2	1062.9	1062.9	1065.5	1068.1	1071.9
52.5°	964.8	968.6	982.8	986.7	991.9	986.7	994.5	994.5	998.3	1000.9	1002.2
55°	895.0	898.9	905.3	914.4	917.0	918.3	924.7	926.0	928.6	931.2	931.2
57.5°	826.6	829.1	835.6	847.2	848.5	853.7	856.3	856.3	858.8	860.1	862.7
60°	758.1	760.7	765.9	769.7	777.5	780.1	786.5	787.8	790.4	791.7	791.7
62.5°	688.4	691.0	696.1	702.6	706.5	711.6	712.9	714.2	716.8	720.7	720.7
65°	618.6	621.2	626.4	632.8	632.8	634.1	643.2	644.5	647.0	648.3	652.2
67.5°	546.3	550.2	556.6	561.8	561.8	567.0	573.4	574.7	577.3	579.9	581.2
70°	475.3	479.1	485.6	492.1	494.6	495.9	499.8	503.7	507.6	508.9	510.1
72.5°	405.5	409.4	414.6	422.3	423.6	426.2	428.8	432.7	437.8	440.4	440.4
75°	334.5	338.4	344.8	352.6	355.2	353.9	359.0	361.6	366.8	369.4	369.4
77.5°	266.0	268.6	275.1	280.3	282.8	285.4	285.4	288.0	293.2	297.0	295.8
80°	200.2	202.8	207.9	213.1	214.4	218.3	218.3	220.8	224.7	231.2	227.3
82.5°	139.5	138.2	143.4	148.5	149.8	153.7	156.3	156.3	158.9	164.0	161.4
85°	76.2	77.5	81.4	86.5	89.1	90.4	94.3	94.3	96.9	98.2	102.0
87.5°	20.7	20.7	25.8	29.7	32.3	33.6	37.5	37.5	40.0	43.9	41.3
90°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
92.5°	2.6	2.6	2.6	2.6	3.9	3.9	5.2	6.5	6.5	5.2	6.5
95°	5.2	5.2	6.5	7.7	9.0	10.3	14.2	16.8	14.2	11.6	11.6
97.5°	7.7	9.0	12.9	18.1	20.7	25.8	32.3	29.7	25.8	22.0	20.7
100°	14.2	18.1	24.5	38.7	45.2	51.7	55.5	49.1	41.3	33.6	31.0
102.5°	24.5	36.2	58.1	78.8	83.9	86.5	82.7	73.6	62.0	50.4	43.9
105°	53.0	81.4	114.9	126.6	125.3	124.0	112.4	98.2	83.9	69.7	59.4
107.5°	127.9	161.4	174.4	171.8	165.3	158.9	143.4	126.6	108.5	90.4	78.8
110°	220.8	224.7	220.8	207.9	197.6	189.9	173.1	156.3	134.3	114.9	100.7



TEST NUMBER: P303106

CATALOG NUMBER: CTW-F-2575-50L935-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	281.5	268.6	254.4	238.9	228.6	219.6	200.2	180.8	160.1	140.8	125.3
115°	316.4	303.5	285.4	264.8	255.7	248.0	227.3	205.3	184.7	165.3	149.8
117.5°	344.8	328.0	311.3	293.2	284.1	273.8	254.4	233.8	210.5	189.9	175.6
120°	370.7	351.3	334.5	315.1	310.0	299.6	280.3	257.0	233.8	215.7	198.9
122.5°	390.0	373.2	355.2	339.7	330.6	322.9	300.9	280.3	258.3	238.9	223.4
125°	408.1	391.3	374.5	357.7	351.3	342.2	320.3	302.2	281.5	260.9	246.7
127.5°	426.2	406.8	393.9	382.3	370.7	359.0	339.7	322.9	303.5	286.7	269.9
130°	441.7	426.2	410.7	395.2	386.2	378.4	360.3	342.2	326.7	310.0	294.5
132.5°	452.0	440.4	424.9	413.3	400.4	393.9	375.8	360.3	343.5	329.3	313.8
135°	464.9	454.6	437.8	424.9	419.7	410.7	391.3	377.1	362.9	350.0	333.2
137.5°	477.9	466.2	453.3	439.1	431.4	424.9	406.8	396.5	381.0	366.8	353.9
140°	490.8	475.3	466.2	450.7	443.0	439.1	423.6	408.1	397.8	384.9	372.0
142.5°	498.5	485.6	474.0	462.4	457.2	450.7	436.5	419.7	412.0	401.7	387.4
145°	506.3	495.9	481.7	470.1	466.2	461.1	448.2	437.8	427.5	412.0	402.9
147.5°	514.0	502.4	493.4	481.7	474.0	472.7	459.8	449.4	437.8	430.1	417.2
150°	517.9	506.3	499.8	488.2	481.7	481.7	471.4	458.5	453.3	444.3	431.4
152.5°	523.1	515.3	507.6	499.8	492.1	490.8	481.7	472.7	462.4	453.3	445.6
155°	528.2	521.8	515.3	505.0	499.8	498.5	489.5	481.7	474.0	466.2	457.2
157.5°	530.8	520.5	516.6	510.1	506.3	502.4	493.4	486.9	484.3	475.3	464.9
160°	532.1	524.3	519.2	512.7	514.0	507.6	501.1	498.5	492.1	485.6	477.9
162.5°	533.4	530.8	523.1	517.9	516.6	511.4	507.6	503.7	499.8	494.6	488.2
165°	536.0	533.4	528.2	517.9	519.2	515.3	514.0	506.3	507.6	503.7	492.1
167.5°	534.7	530.8	525.6	525.6	519.2	519.2	515.3	514.0	510.1	506.3	498.5
170°	533.4	530.8	524.3	523.1	524.3	520.5	516.6	516.6	514.0	511.4	508.9
172.5°	529.5	526.9	523.1	526.9	523.1	520.5	517.9	512.7	517.9	512.7	507.6
175°	524.3	524.3	520.5	519.2	520.5	517.9	519.2	517.9	515.3	515.3	514.0
177.5°	520.5	521.8	516.6	517.9	519.2	516.6	519.2	519.2	520.5	516.6	519.2
180°	515.3	515.3	515.3	515.3	515.3	515.3	515.3	515.3	515.3	515.3	515.3



TEST NUMBER: P303106

CATALOG NUMBER: CTW-F-2575-50L935-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1925.6	1925.6	1925.6	1925.6	1925.6	1925.6	1925.6	1925.6	1925.6	1925.6	1925.6
2.5°	1932.1	1924.3	1921.8	1921.8	1920.5	1915.3	1914.0	1914.0	1923.0	1934.7	1921.8
5°	1919.2	1911.4	1908.8	1910.1	1908.8	1903.7	1903.7	1903.7	1914.0	1925.6	1912.7
7.5°	1905.0	1897.2	1894.6	1894.6	1893.3	1888.2	1888.2	1888.2	1898.5	1907.5	1897.2
10°	1886.9	1879.1	1876.5	1876.5	1874.0	1868.8	1867.5	1868.8	1879.1	1885.6	1875.3
12.5°	1867.5	1858.5	1855.9	1854.6	1852.0	1846.8	1844.3	1844.3	1855.9	1861.1	1849.4
15°	1841.7	1833.9	1830.1	1831.3	1828.8	1822.3	1821.0	1818.4	1828.8	1830.1	1822.3
17.5°	1802.9	1795.2	1793.9	1795.2	1792.6	1787.4	1788.7	1787.4	1799.1	1795.2	1787.4
20°	1759.0	1751.3	1750.0	1751.3	1747.4	1746.1	1748.7	1750.0	1764.2	1757.7	1748.7
22.5°	1715.1	1706.1	1706.1	1704.8	1700.9	1698.3	1699.6	1702.2	1720.3	1713.8	1707.4
25°	1668.6	1660.9	1659.6	1658.3	1654.4	1650.5	1649.2	1649.2	1667.3	1659.6	1660.9
27.5°	1626.0	1614.4	1610.5	1609.2	1605.3	1600.2	1598.9	1598.9	1613.1	1604.0	1609.2
30°	1570.5	1561.4	1560.1	1560.1	1556.3	1551.1	1547.2	1548.5	1558.8	1544.6	1547.2
32.5°	1513.6	1503.3	1504.6	1502.0	1498.1	1498.1	1495.6	1495.6	1500.7	1485.2	1487.8
35°	1454.2	1446.5	1445.2	1442.6	1437.4	1434.9	1436.1	1441.3	1441.3	1425.8	1425.8
37.5°	1393.5	1384.5	1385.8	1381.9	1378.0	1375.4	1375.4	1381.9	1383.2	1367.7	1365.1
40°	1332.8	1325.1	1322.5	1322.5	1318.6	1316.0	1314.7	1322.5	1314.7	1310.9	1300.5
42.5°	1268.3	1260.5	1257.9	1257.9	1256.6	1255.3	1254.0	1259.2	1250.2	1239.8	1228.2
45°	1202.4	1199.8	1195.9	1192.1	1190.8	1190.8	1192.1	1192.1	1177.8	1166.2	1163.6
47.5°	1133.9	1133.9	1128.8	1127.5	1127.5	1126.2	1126.2	1119.7	1109.4	1101.6	1097.8
50°	1068.1	1065.5	1060.3	1061.6	1061.6	1059.0	1056.4	1044.8	1040.9	1034.5	1030.6
52.5°	1000.9	1002.2	993.2	995.7	994.5	989.3	982.8	977.7	973.8	967.3	963.5
55°	929.9	927.3	924.7	929.9	927.3	917.0	911.8	909.2	905.3	898.9	896.3
57.5°	862.7	864.0	857.6	858.8	855.0	845.9	845.9	842.1	839.5	830.4	827.9
60°	791.7	786.5	789.1	791.7	780.1	776.2	777.5	773.6	771.0	762.0	759.4
62.5°	720.7	720.7	720.7	714.2	711.6	707.7	709.0	705.2	700.0	693.5	692.2
65°	652.2	649.6	644.5	644.5	641.9	639.3	640.6	638.0	629.0	625.1	623.8
67.5°	582.5	577.3	574.7	576.0	572.1	569.6	570.8	568.3	560.5	555.3	555.3
70°	514.0	503.7	505.0	505.0	502.4	498.5	499.8	494.6	490.8	490.8	486.9
72.5°	441.7	437.8	435.2	433.9	432.7	428.8	428.8	424.9	423.6	422.3	419.7
75°	370.7	365.5	365.5	365.5	362.9	360.3	360.3	355.2	352.6	355.2	351.3
77.5°	297.0	294.5	294.5	294.5	290.6	289.3	290.6	285.4	286.7	284.1	281.5
80°	229.9	227.3	227.3	226.0	227.3	222.1	223.4	219.6	219.6	218.3	215.7
82.5°	165.3	162.7	161.4	160.1	158.9	157.6	158.9	157.6	155.0	152.4	149.8
85°	103.3	99.4	99.4	99.4	99.4	95.6	95.6	93.0	89.1	87.8	85.2
87.5°	45.2	42.6	40.0	38.7	40.0	36.2	37.5	36.2	33.6	32.3	29.7
90°	1.3	2.6	3.9	3.9	3.9	3.9	3.9	3.9	3.9	5.2	5.2
92.5°	7.7	10.3	10.3	10.3	10.3	11.6	11.6	11.6	10.3	10.3	11.6
95°	14.2	16.8	19.4	20.7	20.7	22.0	22.0	20.7	20.7	20.7	20.7
97.5°	20.7	23.2	24.5	25.8	27.1	29.7	31.0	32.3	32.3	32.3	32.3
100°	29.7	29.7	32.3	34.9	34.9	34.9	37.5	38.7	41.3	42.6	42.6
102.5°	40.0	38.7	38.7	40.0	42.6	45.2	43.9	43.9	46.5	47.8	50.4
105°	54.2	50.4	49.1	47.8	49.1	51.7	54.2	54.2	53.0	53.0	54.2
107.5°	71.0	64.6	60.7	59.4	58.1	59.4	60.7	63.3	64.6	64.6	63.3
110°	90.4	80.1	74.9	72.3	69.7	68.4	68.4	71.0	72.3	74.9	76.2



TEST NUMBER: P303106

CATALOG NUMBER: CTW-F-2575-50L935-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	112.4	99.4	91.7	87.8	83.9	81.4	78.8	78.8	80.1	82.7	85.2
115°	135.6	121.4	111.1	105.9	100.7	94.3	91.7	89.1	87.8	90.4	91.7
117.5°	160.1	145.9	131.7	125.3	120.1	112.4	104.6	102.0	99.4	96.9	98.2
120°	183.4	169.2	153.7	148.5	142.1	131.7	121.4	114.9	112.4	109.8	107.2
122.5°	209.2	193.7	176.9	170.5	165.3	152.4	142.1	133.0	126.6	122.7	118.8
125°	232.5	217.0	201.5	195.0	187.3	175.6	164.0	153.7	144.6	138.2	131.7
127.5°	254.4	240.2	224.7	218.3	213.1	197.6	187.3	175.6	166.6	158.9	151.1
130°	281.5	259.6	248.0	241.5	235.1	223.4	209.2	198.9	189.9	180.8	171.8
132.5°	300.9	286.7	267.3	263.5	257.0	244.1	233.8	222.1	213.1	202.8	193.7
135°	319.0	306.1	294.5	285.4	281.5	266.0	255.7	245.4	235.1	227.3	218.3
137.5°	339.7	325.5	311.3	308.7	300.9	290.6	281.5	268.6	259.6	249.3	241.5
140°	359.0	344.8	334.5	324.2	320.3	312.5	303.5	294.5	284.1	273.8	264.8
142.5°	377.1	362.9	351.3	346.1	339.7	330.6	321.6	315.1	307.4	299.6	290.6
145°	392.6	378.4	369.4	364.2	359.0	348.7	341.0	335.8	328.0	319.0	311.3
147.5°	405.5	395.2	384.9	382.3	372.0	365.5	360.3	352.6	350.0	339.7	334.5
150°	419.7	410.7	402.9	396.5	392.6	382.3	377.1	373.2	366.8	360.3	353.9
152.5°	432.7	424.9	415.9	413.3	408.1	399.1	392.6	386.2	383.6	377.1	370.7
155°	445.6	437.8	430.1	426.2	423.6	417.2	406.8	402.9	400.4	396.5	391.3
157.5°	457.2	448.2	441.7	440.4	433.9	428.8	424.9	418.4	417.2	409.4	406.8
160°	467.5	462.4	453.3	449.4	450.7	443.0	436.5	430.1	435.2	424.9	423.6
162.5°	477.9	471.4	468.8	463.6	462.4	458.5	453.3	446.9	443.0	445.6	436.5
165°	489.5	483.0	477.9	475.3	472.7	463.6	462.4	458.5	459.8	458.5	455.9
167.5°	494.6	489.5	488.2	483.0	483.0	480.4	475.3	470.1	471.4	471.4	464.9
170°	501.1	495.9	493.4	490.8	490.8	484.3	484.3	480.4	485.6	483.0	477.9
172.5°	507.6	502.4	499.8	501.1	497.2	495.9	492.1	489.5	492.1	494.6	492.1
175°	511.4	506.3	506.3	505.0	501.1	501.1	501.1	498.5	499.8	499.8	495.9
177.5°	515.3	511.4	506.3	510.1	510.1	506.3	503.7	507.6	506.3	514.0	507.6
180°	515.3	515.3	515.3	515.3	515.3	515.3	515.3	515.3	515.3	515.3	515.3



TEST NUMBER: P303106

CATALOG NUMBER: CTW-F-2575-50L935-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	1925.6	1925.6	1925.6	1925.6	1925.6	1925.6	1925.6	1925.6
2.5°	1926.9	1924.3	1923.0	1919.2	1917.9	1914.0	1911.4	1914.0
5°	1916.6	1914.0	1912.7	1910.1	1910.1	1910.1	1910.1	1914.0
7.5°	1899.8	1897.2	1898.5	1895.9	1897.2	1898.5	1898.5	1899.8
10°	1879.1	1876.5	1875.3	1872.7	1874.0	1874.0	1874.0	1877.8
12.5°	1850.7	1848.1	1846.8	1844.3	1846.8	1849.4	1850.7	1852.0
15°	1822.3	1819.7	1818.4	1815.8	1818.4	1821.0	1819.7	1823.6
17.5°	1787.4	1784.9	1782.3	1779.7	1781.0	1782.3	1782.3	1783.6
20°	1744.8	1740.9	1738.4	1735.8	1737.1	1737.1	1739.7	1740.9
22.5°	1697.0	1693.2	1690.6	1689.3	1688.0	1688.0	1693.2	1694.4
25°	1653.1	1642.8	1641.5	1640.2	1638.9	1637.6	1641.5	1642.8
27.5°	1602.8	1593.7	1589.8	1587.3	1586.0	1583.4	1586.0	1593.7
30°	1547.2	1540.8	1536.9	1531.7	1531.7	1527.8	1531.7	1531.7
32.5°	1485.2	1483.9	1480.1	1478.8	1473.6	1469.7	1472.3	1480.1
35°	1420.6	1421.9	1421.9	1419.4	1411.6	1406.4	1407.7	1415.5
37.5°	1357.4	1352.2	1353.5	1348.3	1336.7	1331.5	1331.5	1335.4
40°	1282.5	1276.0	1277.3	1274.7	1270.8	1268.3	1269.5	1267.0
42.5°	1219.2	1212.7	1215.3	1211.4	1207.6	1203.7	1206.3	1205.0
45°	1154.6	1148.1	1146.9	1149.4	1143.0	1143.0	1141.7	1143.0
47.5°	1088.7	1083.6	1084.9	1084.9	1078.4	1078.4	1077.1	1081.0
50°	1022.9	1019.0	1019.0	1016.4	1013.8	1012.5	1012.5	1013.8
52.5°	959.6	953.1	951.8	954.4	946.7	948.0	948.0	946.7
55°	889.8	886.0	886.0	887.3	880.8	882.1	882.1	880.8
57.5°	826.6	820.1	820.1	821.4	817.5	816.2	814.9	816.2
60°	759.4	752.9	752.9	754.2	746.5	749.1	749.1	750.4
62.5°	692.2	689.7	684.5	683.2	683.2	681.9	683.2	681.9
65°	623.8	621.2	616.0	618.6	612.2	614.8	612.2	613.5
67.5°	555.3	552.8	548.9	550.2	545.0	547.6	547.6	547.6
70°	486.9	484.3	480.4	479.1	480.4	479.1	479.1	479.1
72.5°	418.4	417.2	412.0	412.0	413.3	412.0	409.4	410.7
75°	347.4	348.7	343.5	344.8	346.1	344.8	344.8	342.2
77.5°	277.7	279.0	277.7	275.1	276.4	276.4	275.1	273.8
80°	211.8	213.1	211.8	209.2	210.5	209.2	209.2	207.9
82.5°	145.9	147.2	144.6	142.1	143.4	142.1	140.8	139.5
85°	82.7	82.7	82.7	80.1	81.4	81.4	80.1	78.8
87.5°	28.4	28.4	28.4	28.4	28.4	28.4	28.4	27.1
90°	5.2	6.5	5.2	5.2	5.2	5.2	5.2	5.2
92.5°	11.6	11.6	10.3	10.3	10.3	9.0	9.0	10.3
95°	20.7	22.0	20.7	20.7	20.7	20.7	20.7	20.7
97.5°	32.3	32.3	32.3	31.0	31.0	29.7	29.7	31.0
100°	43.9	43.9	43.9	43.9	43.9	42.6	42.6	43.9
102.5°	51.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0
105°	56.8	58.1	58.1	58.1	59.4	59.4	59.4	59.4
107.5°	63.3	64.6	64.6	64.6	64.6	64.6	65.9	64.6
110°	76.2	74.9	73.6	73.6	73.6	72.3	73.6	73.6



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CATALOG NUMBER: CTW-F-2575-50L935-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	86.5	87.8	87.8	87.8	87.8	87.8	86.5	87.8
115°	94.3	95.6	95.6	96.9	96.9	96.9	98.2	98.2
117.5°	100.7	102.0	102.0	103.3	103.3	104.6	105.9	105.9
120°	107.2	108.5	108.5	108.5	109.8	109.8	109.8	111.1
122.5°	117.5	116.2	116.2	116.2	116.2	114.9	116.2	116.2
125°	130.4	127.9	126.6	126.6	125.3	124.0	124.0	124.0
127.5°	144.6	142.1	140.8	139.5	138.2	135.6	135.6	134.3
130°	164.0	158.9	157.6	155.0	151.1	149.8	149.8	148.5
132.5°	186.0	180.8	176.9	175.6	170.5	167.9	166.6	166.6
135°	210.5	204.1	201.5	198.9	193.7	189.9	189.9	187.3
137.5°	233.8	226.0	224.7	223.4	218.3	214.4	211.8	209.2
140°	255.7	250.6	246.7	246.7	241.5	236.3	235.1	232.5
142.5°	281.5	276.4	268.6	268.6	262.2	260.9	258.3	257.0
145°	303.5	298.3	295.8	295.8	288.0	286.7	282.8	284.1
147.5°	325.5	321.6	317.7	317.7	311.3	308.7	306.1	304.8
150°	347.4	342.2	339.7	339.7	334.5	330.6	329.3	328.0
152.5°	365.5	360.3	360.3	359.0	352.6	352.6	350.0	351.3
155°	384.9	379.7	381.0	378.4	374.5	372.0	370.7	370.7
157.5°	401.7	399.1	396.5	395.2	393.9	392.6	390.0	388.7
160°	419.7	417.2	414.6	413.3	413.3	410.7	408.1	410.7
162.5°	436.5	432.7	432.7	431.4	431.4	428.8	427.5	428.8
165°	450.7	448.2	448.2	448.2	445.6	448.2	444.3	444.3
167.5°	463.6	463.6	462.4	458.5	458.5	457.2	458.5	459.8
170°	475.3	476.6	474.0	472.7	472.7	472.7	472.7	472.7
172.5°	489.5	486.9	488.2	484.3	485.6	483.0	481.7	484.3
175°	498.5	497.2	497.2	497.2	493.4	494.6	492.1	490.8
177.5°	507.6	507.6	506.3	506.3	505.0	503.7	503.7	501.1
180°	515.3	515.3	515.3	515.3	515.3	515.3	515.3	515.3

(END OF REPORT)