

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: P303096

Luminaire Tested: **CTW-F-2575-40L940-UNV-STD-8**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303096
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-5)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: CTW-F-2575-40L940-UNV-STD-8
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 4000 LUMEN PACKAGE
Light Source: 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

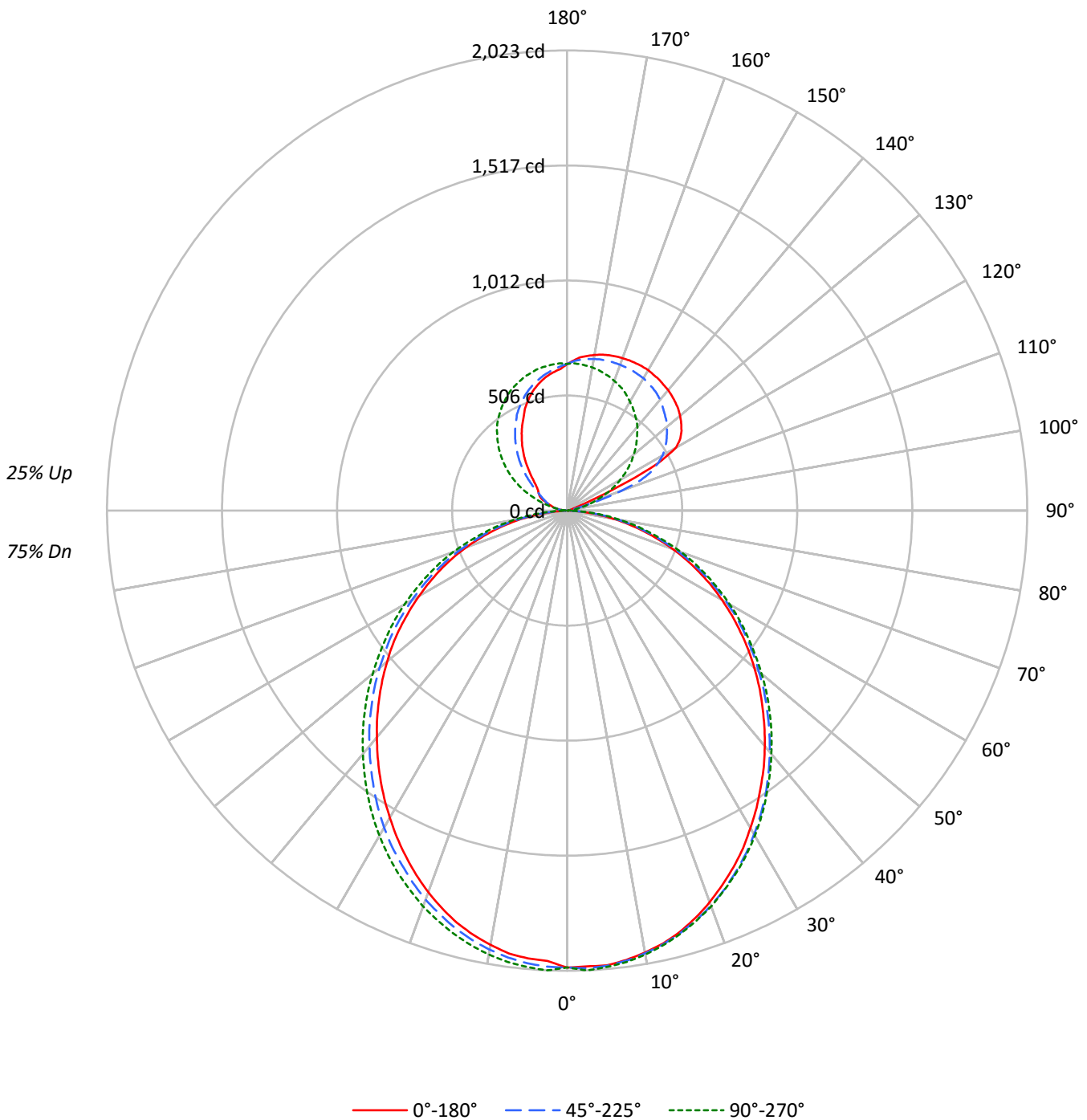
Lumens per Lamp: N/A
Luminaire Lumens: 7187.4 lumens
Efficiency: N/A
Efficacy: 104.9 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32
Luminous Opening: Rectangular (W 8' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 68.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	113	113	113	113	107	107	107	107	97	97	97	88	88	88	79	79	79	75
1	103	99	94	91	98	94	90	87	85	82	80	77	75	73	69	68	66	63
2	94	86	79	74	89	82	76	71	74	70	66	67	64	61	61	58	56	52
3	86	76	68	62	81	72	65	59	66	60	55	59	55	51	54	50	47	44
4	78	67	58	52	74	64	56	50	58	52	47	53	48	44	48	44	41	38
5	72	60	51	45	68	57	49	43	52	46	41	48	42	38	43	39	35	33
6	66	54	45	39	63	51	44	38	47	40	36	43	38	33	39	35	31	29
7	61	49	40	34	58	47	39	33	43	36	31	39	34	29	36	31	28	25
8	57	44	36	30	54	42	35	30	39	33	28	36	30	26	33	28	25	23
9	53	40	33	27	51	39	32	27	36	30	25	33	28	24	30	26	22	20
10	50	37	30	25	47	36	29	24	33	27	23	31	25	22	28	24	20	18

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	21623	21623	21623
5°	21686	21763	21355
10°	21563	21661	21189
15°	21362	21463	20901
20°	20990	21216	20454
25°	20544	20886	19924
30°	20023	20515	19374
35°	19490	20081	18827
40°	18995	19627	18286
45°	18468	19180	17783
50°	17995	18688	17302
55°	17464	18207	16788
60°	16934	17786	16198
65°	16321	17284	15633
70°	15578	16768	14842
75°	14448	15795	13699
80°	12720	14728	12050
85°	8670	12671	7336



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	189.6	2.6
10°-20°	537.1	7.5
20°-30°	795.6	11.1
30°-40°	933.4	13.0
40°-50°	946.0	13.2
50°-60°	843.2	11.7
60°-70°	645.8	9.0
70°-80°	378.8	5.3
80°-90°	99.5	1.4
90°-100°	18.6	0.3
100°-110°	80.3	1.1
110°-120°	223.5	3.1
120°-130°	319.1	4.4
130°-140°	343.1	4.8
140°-150°	326.8	4.5
150°-160°	269.2	3.7
160°-170°	176.6	2.5
170°-180°	61.2	0.9
0°-30°	1522.3	21.2
0°-40°	2455.7	34.2
0°-60°	4244.9	59.1
0°-90°	5369.0	74.7
90°-120°	322.4	4.5
90°-150°	1311.3	18.2
90°-180°	1818.0	25.3
0°-180°	7187.4	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	2009	2009	2009	2009	2009	
5°	2007	2009	2014	1998	1976	190
15°	1917	1922	1926	1901	1876	540
25°	1730	1753	1759	1719	1678	796
35°	1483	1521	1528	1483	1433	929
45°	1213	1244	1260	1217	1168	937
55°	931	958	970	936	895	832
65°	641	662	679	643	614	635
75°	347	365	380	351	329	367
85°	70	86	103	74	59	86
90°	2	2	2	4	5	3
95°	5	5	14	23	20	5
105°	22	58	86	63	68	24
115°	250	410	209	112	124	268
125°	614	533	328	180	157	546
135°	673	605	432	288	229	520
145°	704	657	518	400	344	441
155°	715	679	585	499	454	331
165°	707	682	625	574	554	200
175°	677	666	646	626	614	65
180°	644	644	644	644	644	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2008.8	2008.8	2008.8	2008.8	2008.8	2008.8	2008.8	2008.8	2008.8	2008.8	2008.8
2.5°	2005.2	2003.4	2005.2	2003.4	2008.8	2008.8	2008.8	2007.0	2010.6	2017.8	2014.2
5°	2007.0	2005.2	2003.4	1998.0	2001.6	2001.6	2001.6	1999.8	2003.4	2012.4	2008.8
7.5°	1992.6	1992.6	1990.8	1987.2	1990.8	1990.8	1989.0	1987.2	1990.8	1998.0	1996.2
10°	1972.8	1971.0	1969.2	1965.6	1971.0	1971.0	1971.0	1969.2	1972.8	1981.8	1976.4
12.5°	1949.4	1945.8	1944.0	1940.4	1945.8	1945.8	1945.8	1944.0	1947.6	1956.6	1953.0
15°	1917.0	1915.2	1915.2	1913.4	1918.8	1918.8	1918.8	1915.2	1918.8	1926.0	1922.4
17.5°	1877.4	1875.6	1879.2	1877.4	1881.0	1881.0	1881.0	1877.4	1879.2	1890.0	1888.2
20°	1832.4	1830.6	1830.6	1828.8	1834.2	1834.2	1836.0	1832.4	1837.8	1848.6	1848.6
22.5°	1782.0	1782.0	1783.8	1782.0	1785.6	1787.4	1785.6	1783.8	1789.2	1800.0	1803.6
25°	1729.8	1728.0	1728.0	1731.6	1733.4	1735.2	1735.2	1733.4	1737.0	1747.8	1753.2
27.5°	1674.0	1670.4	1674.0	1674.0	1677.6	1679.4	1681.2	1681.2	1684.8	1692.0	1701.0
30°	1611.0	1611.0	1612.8	1614.6	1614.6	1620.0	1621.8	1621.8	1625.4	1634.4	1643.4
32.5°	1549.8	1548.0	1551.6	1553.4	1555.2	1558.8	1558.8	1560.6	1562.4	1571.4	1584.0
35°	1483.2	1485.0	1485.0	1488.6	1492.2	1494.0	1495.8	1494.0	1499.4	1504.8	1521.0
37.5°	1420.2	1418.4	1418.4	1420.2	1425.6	1427.4	1429.2	1429.2	1432.8	1440.0	1454.4
40°	1351.8	1350.0	1353.6	1355.4	1357.2	1360.8	1360.8	1364.4	1369.8	1375.2	1386.0
42.5°	1283.4	1281.6	1285.2	1287.0	1290.6	1292.4	1292.4	1296.0	1301.4	1308.6	1315.8
45°	1213.2	1211.4	1215.0	1216.8	1220.4	1222.2	1222.2	1227.6	1233.0	1236.6	1243.8
47.5°	1144.8	1143.0	1144.8	1148.4	1152.0	1153.8	1153.8	1157.4	1161.0	1168.2	1173.6
50°	1074.6	1071.0	1074.6	1076.4	1080.0	1078.2	1081.8	1085.4	1092.6	1099.8	1099.8
52.5°	1002.6	999.0	1002.6	1004.4	1008.0	1009.8	1009.8	1011.6	1020.6	1026.0	1029.6
55°	930.6	928.8	930.6	932.4	936.0	939.6	937.8	943.2	946.8	954.0	957.6
57.5°	858.6	856.8	858.6	860.4	864.0	865.8	865.8	871.2	873.0	878.4	887.4
60°	786.6	783.0	786.6	788.4	792.0	792.0	793.8	795.6	801.0	808.2	811.8
62.5°	714.6	714.6	714.6	714.6	718.2	718.2	723.6	725.4	725.4	732.6	738.0
65°	640.8	640.8	640.8	640.8	644.4	648.0	646.2	651.6	653.4	658.8	662.4
67.5°	568.8	567.0	568.8	568.8	572.4	574.2	574.2	577.8	579.6	581.4	590.4
70°	495.0	496.8	495.0	495.0	495.0	498.6	502.2	504.0	505.8	507.6	513.0
72.5°	419.4	417.6	419.4	419.4	419.4	423.0	424.8	428.4	428.4	432.0	435.6
75°	347.4	347.4	349.2	347.4	347.4	352.8	352.8	356.4	356.4	360.0	365.4
77.5°	275.4	279.0	277.2	277.2	277.2	280.8	280.8	284.4	286.2	288.0	293.4
80°	205.2	208.8	207.0	207.0	207.0	208.8	210.6	214.2	214.2	217.8	221.4
82.5°	136.8	136.8	138.6	138.6	138.6	140.4	144.0	145.8	145.8	149.4	153.0
85°	70.2	75.6	73.8	73.8	73.8	75.6	77.4	79.2	81.0	82.8	86.4
87.5°	14.4	16.2	16.2	14.4	18.0	16.2	18.0	19.8	19.8	21.6	25.2
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	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	10.8
100°	10.8	10.8	10.8	10.8	10.8	12.6	12.6	12.6	12.6	14.4	16.2
102.5°	14.4	14.4	16.2	16.2	16.2	16.2	16.2	18.0	19.8	21.6	28.8
105°	21.6	19.8	21.6	21.6	21.6	23.4	23.4	27.0	30.6	39.6	57.6
107.5°	28.8	28.8	28.8	30.6	32.4	36.0	37.8	45.0	61.2	86.4	133.2
110°	45.0	43.2	46.8	50.4	61.2	66.6	75.6	102.6	145.8	198.0	253.8



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	95.4	93.6	106.2	118.8	142.2	163.8	192.6	246.6	302.4	336.6	351.0
115°	250.2	244.8	261.0	293.4	334.8	356.4	376.2	403.2	419.4	419.4	410.4
117.5°	451.8	444.6	462.6	471.6	480.6	487.8	487.8	487.8	480.6	468.0	450.0
120°	552.6	547.2	549.0	545.4	541.8	538.2	534.6	527.4	514.8	500.4	484.2
122.5°	590.4	588.6	585.0	579.6	574.2	568.8	565.2	556.2	543.6	527.4	511.2
125°	613.8	612.0	608.4	603.0	595.8	592.2	588.6	577.8	565.2	550.8	532.8
127.5°	631.8	631.8	626.4	622.8	615.6	612.0	606.6	597.6	585.0	568.8	552.6
130°	648.0	648.0	642.6	640.8	631.8	630.0	624.6	613.8	601.2	586.8	572.4
132.5°	662.4	660.6	658.8	655.2	648.0	644.4	640.8	631.8	617.4	603.0	590.4
135°	673.2	671.4	669.6	666.0	658.8	657.0	653.4	644.4	630.0	617.4	604.8
137.5°	682.2	682.2	678.6	676.8	669.6	667.8	664.2	655.2	642.6	631.8	621.0
140°	691.2	691.2	687.6	685.8	678.6	676.8	675.0	666.0	653.4	644.4	635.4
142.5°	696.6	698.4	694.8	693.0	685.8	684.0	682.2	673.2	664.2	655.2	648.0
145°	703.8	703.8	700.2	698.4	694.8	693.0	689.4	682.2	673.2	664.2	657.0
147.5°	707.4	709.2	705.6	703.8	700.2	698.4	694.8	687.6	678.6	671.4	664.2
150°	712.8	712.8	709.2	707.4	703.8	702.0	700.2	693.0	684.0	678.6	671.4
152.5°	714.6	714.6	711.0	709.2	705.6	703.8	702.0	694.8	687.6	682.2	675.0
155°	714.6	714.6	712.8	709.2	707.4	705.6	702.0	696.6	689.4	685.8	678.6
157.5°	714.6	712.8	712.8	709.2	707.4	703.8	702.0	694.8	691.2	687.6	680.4
160°	712.8	712.8	711.0	707.4	707.4	703.8	702.0	696.6	691.2	689.4	682.2
162.5°	711.0	709.2	709.2	705.6	705.6	703.8	700.2	696.6	691.2	689.4	682.2
165°	707.4	705.6	705.6	702.0	702.0	700.2	698.4	691.2	689.4	687.6	682.2
167.5°	702.0	700.2	698.4	694.8	694.8	693.0	691.2	685.8	684.0	684.0	680.4
170°	694.8	691.2	689.4	687.6	687.6	685.8	684.0	680.4	680.4	680.4	676.8
172.5°	685.8	682.2	682.2	680.4	678.6	678.6	676.8	673.2	673.2	673.2	671.4
175°	676.8	673.2	671.4	669.6	671.4	669.6	667.8	666.0	666.0	667.8	666.0
177.5°	660.6	657.0	658.8	658.8	658.8	658.8	657.0	657.0	657.0	657.0	657.0
180°	644.4	644.4	644.4	644.4	644.4	644.4	644.4	644.4	644.4	644.4	644.4



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	2008.8	2008.8	2008.8	2008.8	2008.8	2008.8	2008.8	2008.8	2008.8	2008.8	2008.8
2.5°	2001.6	1996.2	1996.2	2003.4	2005.2	2008.8	2012.4	2019.6	2023.2	2023.2	2021.4
5°	1996.2	1990.8	1989.0	1996.2	1998.0	2001.6	2005.2	2012.4	2014.2	2014.2	2012.4
7.5°	1983.6	1978.2	1976.4	1983.6	1985.4	1989.0	1990.8	1998.0	2001.6	2001.6	1998.0
10°	1963.8	1958.4	1958.4	1965.6	1967.4	1969.2	1972.8	1978.2	1981.8	1981.8	1980.0
12.5°	1940.4	1935.0	1933.2	1940.4	1942.2	1944.0	1947.6	1954.8	1956.6	1956.6	1953.0
15°	1911.6	1904.4	1904.4	1911.6	1913.4	1915.2	1918.8	1924.2	1926.0	1926.0	1922.4
17.5°	1875.6	1872.0	1868.4	1875.6	1877.4	1879.2	1881.0	1888.2	1891.8	1890.0	1886.4
20°	1836.0	1830.6	1827.0	1836.0	1837.8	1839.6	1841.4	1848.6	1852.2	1852.2	1846.8
22.5°	1792.8	1787.4	1783.8	1791.0	1794.6	1794.6	1798.2	1803.6	1807.2	1805.4	1801.8
25°	1744.2	1737.0	1737.0	1742.4	1746.0	1746.0	1749.6	1755.0	1758.6	1758.6	1753.2
27.5°	1692.0	1686.6	1683.0	1686.6	1692.0	1693.8	1697.4	1702.8	1706.4	1706.4	1701.0
30°	1638.0	1632.6	1625.4	1630.8	1636.2	1638.0	1641.6	1648.8	1650.6	1650.6	1641.6
32.5°	1580.4	1571.4	1569.6	1573.2	1576.8	1580.4	1584.0	1589.4	1589.4	1591.2	1585.8
35°	1515.6	1512.0	1508.4	1512.0	1515.6	1517.4	1522.8	1528.2	1528.2	1528.2	1522.8
37.5°	1452.6	1452.6	1445.4	1447.2	1450.8	1452.6	1459.8	1463.4	1465.2	1463.4	1461.6
40°	1391.4	1386.0	1382.4	1382.4	1384.2	1389.6	1393.2	1396.8	1398.6	1396.8	1393.2
42.5°	1324.8	1321.2	1315.8	1315.8	1317.6	1323.0	1330.2	1332.0	1330.2	1330.2	1323.0
45°	1252.8	1252.8	1249.2	1249.2	1249.2	1254.6	1261.8	1263.6	1261.8	1260.0	1256.4
47.5°	1180.8	1182.6	1182.6	1180.8	1180.8	1180.8	1188.0	1189.8	1191.6	1189.8	1186.2
50°	1108.8	1110.6	1110.6	1110.6	1108.8	1114.2	1116.0	1119.6	1117.8	1116.0	1114.2
52.5°	1033.2	1038.6	1038.6	1040.4	1040.4	1040.4	1047.6	1049.4	1044.0	1042.2	1040.4
55°	959.4	966.6	966.6	968.4	968.4	968.4	973.8	977.4	972.0	970.2	968.4
57.5°	887.4	892.8	892.8	896.4	900.0	896.4	900.0	903.6	898.2	900.0	896.4
60°	813.6	817.2	819.0	822.6	824.4	824.4	828.0	831.6	824.4	826.2	824.4
62.5°	743.4	743.4	745.2	748.8	750.6	748.8	752.4	757.8	750.6	752.4	750.6
65°	664.2	669.6	669.6	673.2	675.0	675.0	678.6	682.2	676.8	678.6	673.2
67.5°	590.4	594.0	595.8	601.2	604.8	603.0	604.8	608.4	604.8	606.6	601.2
70°	516.6	520.2	520.2	522.0	527.4	529.2	531.0	532.8	531.0	532.8	529.2
72.5°	439.2	441.0	442.8	444.6	450.0	450.0	451.8	453.6	459.0	455.4	455.4
75°	365.4	369.0	369.0	374.4	378.0	378.0	379.8	381.6	385.2	379.8	379.8
77.5°	293.4	297.0	297.0	302.4	304.2	304.2	307.8	309.6	311.4	309.6	309.6
80°	223.2	225.0	226.8	228.6	232.2	234.0	235.8	237.6	239.4	237.6	239.4
82.5°	156.6	156.6	158.4	160.2	163.8	165.6	167.4	169.2	171.0	169.2	171.0
85°	88.2	91.8	91.8	97.2	99.0	99.0	100.8	102.6	104.4	102.6	104.4
87.5°	27.0	30.6	32.4	34.2	37.8	37.8	41.4	43.2	43.2	41.4	43.2
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	5.4	5.4	5.4	7.2	7.2	7.2	5.4	7.2
95°	7.2	7.2	9.0	12.6	16.2	18.0	21.6	21.6	18.0	14.4	14.4
97.5°	12.6	14.4	21.6	30.6	34.2	39.6	43.2	39.6	32.4	27.0	25.2
100°	21.6	28.8	45.0	63.0	68.4	73.8	72.0	63.0	52.2	43.2	37.8
102.5°	39.6	61.2	91.8	109.8	113.4	113.4	104.4	90.0	75.6	63.0	55.8
105°	88.2	126.0	160.2	163.8	162.0	156.6	140.4	122.4	104.4	86.4	77.4
107.5°	181.8	214.2	225.0	214.2	208.8	198.0	178.2	156.6	133.2	115.2	100.8
110°	282.6	286.2	275.4	257.4	246.6	237.6	212.4	190.8	165.6	144.0	127.8



TEST NUMBER: P303096

CATALOG NUMBER: CTW-F-2575-40L940-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	351.0	338.4	318.6	297.0	286.2	273.6	250.2	225.0	198.0	174.6	156.6
115°	396.0	376.2	354.6	331.2	320.4	309.6	284.4	257.4	230.4	208.8	187.2
117.5°	430.2	408.6	387.0	363.6	352.8	342.0	315.0	289.8	261.0	239.4	217.8
120°	459.0	439.2	415.8	394.2	383.4	372.6	345.6	320.4	293.4	270.0	246.6
122.5°	491.4	471.6	442.8	423.0	412.2	399.6	374.4	349.2	322.2	298.8	275.4
125°	514.8	495.0	473.4	448.2	437.4	424.8	399.6	376.2	351.0	327.6	306.0
127.5°	538.2	518.4	498.6	475.2	462.6	448.2	424.8	401.4	378.0	356.4	333.0
130°	558.0	540.0	520.2	498.6	486.0	475.2	448.2	424.8	403.2	381.6	361.8
132.5°	577.8	559.8	538.2	518.4	505.8	496.8	475.2	450.0	428.4	408.6	387.0
135°	592.2	576.0	554.4	532.8	523.8	514.8	495.0	475.2	451.8	432.0	412.2
137.5°	608.4	590.4	568.8	549.0	540.0	532.8	514.8	495.0	477.0	455.4	435.6
140°	621.0	603.0	583.2	563.4	556.2	549.0	532.8	514.8	498.6	480.6	459.0
142.5°	631.8	613.8	594.0	576.0	570.6	563.4	547.2	532.8	516.6	500.4	482.4
145°	642.6	622.8	604.8	590.4	583.2	576.0	563.4	549.0	534.6	518.4	502.2
147.5°	651.6	631.8	615.6	601.2	595.8	590.4	576.0	563.4	550.8	536.4	520.2
150°	658.8	640.8	626.4	613.8	608.4	603.0	588.6	577.8	567.0	552.6	538.2
152.5°	662.4	646.2	633.6	622.8	619.2	613.8	603.0	592.2	581.4	568.8	556.2
155°	666.0	651.6	640.8	631.8	628.2	624.6	613.8	604.8	595.8	585.0	570.6
157.5°	667.8	657.0	646.2	639.0	635.4	631.8	622.8	615.6	606.6	595.8	585.0
160°	671.4	660.6	649.8	644.4	642.6	639.0	630.0	624.6	617.4	606.6	597.6
162.5°	671.4	662.4	653.4	649.8	648.0	646.2	637.2	631.8	626.4	617.4	608.4
165°	673.2	664.2	657.0	653.4	651.6	649.8	644.4	639.0	633.6	624.6	619.2
167.5°	671.4	664.2	658.8	655.2	653.4	651.6	648.0	644.4	639.0	633.6	626.4
170°	667.8	662.4	658.8	657.0	655.2	653.4	649.8	648.0	642.6	639.0	633.6
172.5°	664.2	658.8	655.2	655.2	653.4	653.4	651.6	649.8	646.2	642.6	639.0
175°	658.8	655.2	651.6	651.6	651.6	651.6	649.8	649.8	648.0	646.2	642.6
177.5°	651.6	648.0	646.2	646.2	648.0	648.0	648.0	648.0	648.0	648.0	646.2
180°	644.4	644.4	644.4	644.4	644.4	644.4	644.4	644.4	644.4	644.4	644.4



TEST NUMBER: P303096

CATALOG NUMBER: CTW-F-2575-40L940-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	2008.8	2008.8	2008.8	2008.8	2008.8	2008.8	2008.8	2008.8	2008.8	2008.8	2008.8
2.5°	2008.8	1996.2	1996.2	1998.0	2001.6	2005.2	2005.2	1998.0	2007.0	2014.2	2007.0
5°	1999.8	1987.2	1989.0	1989.0	1992.6	1996.2	1996.2	1989.0	1998.0	2003.4	1994.4
7.5°	1985.4	1972.8	1972.8	1974.6	1976.4	1980.0	1980.0	1972.8	1981.8	1987.2	1978.2
10°	1965.6	1953.0	1953.0	1953.0	1956.6	1960.2	1958.4	1951.2	1960.2	1963.8	1956.6
12.5°	1938.6	1927.8	1927.8	1927.8	1929.6	1933.2	1931.4	1922.4	1933.2	1935.0	1926.0
15°	1908.0	1899.0	1897.2	1897.2	1899.0	1902.6	1899.0	1890.0	1900.8	1902.6	1895.4
17.5°	1873.8	1863.0	1861.2	1861.2	1863.0	1866.6	1861.2	1852.2	1861.2	1861.2	1854.0
20°	1834.2	1821.6	1819.8	1819.8	1821.6	1823.4	1816.2	1810.8	1819.8	1818.0	1810.8
22.5°	1789.2	1776.6	1774.8	1774.8	1776.6	1778.4	1769.4	1765.8	1771.2	1769.4	1760.4
25°	1738.8	1729.8	1728.0	1726.2	1729.8	1726.2	1720.8	1715.4	1719.0	1715.4	1706.4
27.5°	1686.6	1675.8	1672.2	1674.0	1677.6	1675.8	1663.2	1661.4	1666.8	1659.6	1650.6
30°	1629.0	1620.0	1616.4	1618.2	1618.2	1618.2	1605.6	1607.4	1609.2	1603.8	1591.2
32.5°	1569.6	1562.4	1560.6	1560.6	1562.4	1558.8	1546.2	1548.0	1548.0	1539.0	1530.0
35°	1508.4	1501.2	1497.6	1499.4	1501.2	1494.0	1483.2	1486.8	1483.2	1476.0	1467.0
37.5°	1445.4	1436.4	1436.4	1436.4	1438.2	1429.2	1418.4	1423.8	1418.4	1409.4	1402.2
40°	1377.0	1369.8	1371.6	1371.6	1373.4	1366.2	1357.2	1357.2	1351.8	1342.8	1333.8
42.5°	1314.0	1305.0	1308.6	1308.6	1308.6	1297.8	1292.4	1290.6	1287.0	1278.0	1270.8
45°	1243.8	1236.6	1242.0	1240.2	1242.0	1229.4	1225.8	1222.2	1216.8	1209.6	1200.6
47.5°	1171.8	1168.2	1173.6	1173.6	1173.6	1161.0	1157.4	1152.0	1148.4	1141.2	1128.6
50°	1099.8	1099.8	1103.4	1105.2	1101.6	1090.8	1087.2	1080.0	1076.4	1069.2	1058.4
52.5°	1031.4	1027.8	1033.2	1033.2	1029.6	1020.6	1015.2	1009.8	1004.4	997.2	990.0
55°	961.2	957.6	963.0	959.4	957.6	950.4	943.2	937.8	936.0	925.2	918.0
57.5°	889.2	887.4	891.0	889.2	883.8	878.4	871.2	867.6	862.2	853.2	847.8
60°	817.2	817.2	817.2	815.4	811.8	804.6	799.2	795.6	788.4	781.2	777.6
62.5°	745.2	745.2	743.4	741.6	738.0	732.6	725.4	725.4	714.6	707.4	705.6
65°	673.2	671.4	669.6	664.2	664.2	660.6	653.4	648.0	642.6	635.4	633.6
67.5°	601.2	597.6	592.2	592.2	588.6	586.8	579.6	574.2	570.6	565.2	561.6
70°	529.2	523.8	518.4	520.2	514.8	513.0	505.8	504.0	495.0	489.6	489.6
72.5°	451.8	446.4	441.0	442.8	439.2	435.6	430.2	424.8	419.4	417.6	414.0
75°	379.8	372.6	369.0	369.0	365.4	361.8	358.2	352.8	351.0	347.4	343.8
77.5°	306.0	300.6	298.8	298.8	293.4	291.6	288.0	286.2	280.8	280.8	273.6
80°	235.8	230.4	228.6	226.8	226.8	221.4	219.6	214.2	212.4	208.8	203.4
82.5°	165.6	162.0	160.2	160.2	160.2	153.0	151.2	145.8	144.0	138.6	133.2
85°	100.8	97.2	93.6	95.4	93.6	86.4	84.6	77.4	73.8	72.0	68.4
87.5°	41.4	36.0	32.4	30.6	30.6	27.0	25.2	23.4	18.0	16.2	14.4
90°	1.8	1.8	3.6	3.6	3.6	3.6	3.6	3.6	3.6	5.4	5.4
92.5°	9.0	10.8	10.8	10.8	12.6	12.6	10.8	10.8	10.8	10.8	9.0
95°	16.2	18.0	21.6	21.6	23.4	25.2	25.2	23.4	23.4	23.4	21.6
97.5°	23.4	27.0	27.0	28.8	30.6	32.4	34.2	36.0	36.0	36.0	36.0
100°	36.0	34.2	37.8	39.6	39.6	39.6	41.4	43.2	45.0	46.8	46.8
102.5°	52.2	46.8	46.8	46.8	50.4	54.0	50.4	50.4	52.2	54.0	55.8
105°	68.4	63.0	59.4	59.4	59.4	63.0	66.6	64.8	63.0	64.8	64.8
107.5°	90.0	81.0	73.8	73.8	73.8	72.0	75.6	77.4	81.0	79.2	75.6
110°	113.4	102.6	93.6	88.2	88.2	86.4	86.4	88.2	91.8	93.6	95.4



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CATALOG NUMBER: CTW-F-2575-40L940-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	140.4	126.0	113.4	111.6	106.2	100.8	99.0	99.0	100.8	104.4	108.0
115°	169.2	153.0	136.8	133.2	127.8	117.0	113.4	111.6	111.6	113.4	117.0
117.5°	198.0	180.0	163.8	156.6	151.2	140.4	131.4	126.0	124.2	124.2	126.0
120°	226.8	210.6	192.6	183.6	176.4	163.8	151.2	142.2	138.6	136.8	136.8
122.5°	255.6	239.4	219.6	212.4	205.2	189.0	176.4	163.8	156.6	151.2	149.4
125°	284.4	268.2	250.2	241.2	232.2	216.0	203.4	190.8	180.0	171.0	165.6
127.5°	313.2	295.2	279.0	271.8	262.8	244.8	228.6	216.0	205.2	194.4	185.4
130°	338.4	324.0	307.8	300.6	291.6	271.8	257.4	244.8	232.2	219.6	210.6
132.5°	367.2	349.2	334.8	327.6	318.6	300.6	286.2	271.8	261.0	248.4	237.6
135°	390.6	376.2	360.0	352.8	345.6	329.4	315.0	300.6	288.0	277.2	268.2
137.5°	415.8	399.6	385.2	379.8	370.8	354.6	343.8	329.4	316.8	304.2	295.2
140°	439.2	423.0	408.6	403.2	396.0	381.6	367.2	356.4	343.8	333.0	324.0
142.5°	462.6	442.8	432.0	426.6	419.4	405.0	392.4	383.4	372.6	361.8	352.8
145°	484.2	469.8	451.8	448.2	442.8	428.4	417.6	408.6	399.6	388.8	379.8
147.5°	502.2	489.6	477.0	473.4	468.0	453.6	441.0	433.8	424.8	415.8	406.8
150°	522.0	509.4	498.6	495.0	489.6	480.6	468.0	455.4	450.0	439.2	432.0
152.5°	540.0	527.4	516.6	514.8	509.4	500.4	489.6	480.6	477.0	468.0	455.4
155°	556.2	543.6	534.6	532.8	529.2	520.2	511.2	502.2	498.6	489.6	482.4
157.5°	570.6	558.0	550.8	549.0	545.4	538.2	529.2	520.2	518.4	511.2	505.8
160°	585.0	572.4	567.0	565.2	561.6	556.2	549.0	540.0	540.0	532.8	527.4
162.5°	595.8	586.8	581.4	577.8	576.0	572.4	565.2	558.0	558.0	552.6	547.2
165°	608.4	597.6	594.0	592.2	590.4	586.8	581.4	574.2	574.2	570.6	565.2
167.5°	617.4	608.4	604.8	603.0	601.2	599.4	595.8	588.6	588.6	586.8	581.4
170°	624.6	617.4	613.8	612.0	612.0	610.2	608.4	603.0	603.0	601.2	595.8
172.5°	631.8	624.6	622.8	622.8	621.0	621.0	619.2	613.8	613.8	615.6	610.2
175°	637.2	630.0	630.0	628.2	630.0	630.0	628.2	624.6	626.4	628.2	624.6
177.5°	639.0	635.4	635.4	635.4	635.4	637.2	637.2	631.8	635.4	639.0	633.6
180°	644.4	644.4	644.4	644.4	644.4	644.4	644.4	644.4	644.4	644.4	644.4



TEST NUMBER: P303096

CATALOG NUMBER: CTW-F-2575-40L940-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	2008.8	2008.8	2008.8	2008.8	2008.8	2008.8	2008.8	2008.8
2.5°	2007.0	2003.4	2001.6	2001.6	2003.4	1992.6	1983.6	1981.8
5°	1994.4	1990.8	1989.0	1989.0	1992.6	1985.4	1978.2	1976.4
7.5°	1976.4	1974.6	1971.0	1972.8	1978.2	1971.0	1963.8	1963.8
10°	1953.0	1951.2	1947.6	1949.4	1953.0	1945.8	1938.6	1938.6
12.5°	1924.2	1918.8	1917.0	1918.8	1922.4	1915.2	1908.0	1909.8
15°	1890.0	1886.4	1884.6	1886.4	1890.0	1882.8	1873.8	1875.6
17.5°	1852.2	1846.8	1846.8	1848.6	1850.4	1841.4	1832.4	1832.4
20°	1805.4	1800.0	1800.0	1801.8	1801.8	1791.0	1785.6	1785.6
22.5°	1753.2	1747.8	1746.0	1749.6	1749.6	1740.6	1735.2	1733.4
25°	1701.0	1692.0	1692.0	1695.6	1693.8	1686.6	1679.4	1677.6
27.5°	1647.0	1636.2	1639.8	1639.8	1638.0	1627.2	1621.8	1620.0
30°	1587.6	1578.6	1576.8	1580.4	1575.0	1566.0	1562.4	1558.8
32.5°	1526.4	1517.4	1519.2	1517.4	1513.8	1504.8	1497.6	1497.6
35°	1463.4	1452.6	1456.2	1454.4	1447.2	1441.8	1436.4	1432.8
37.5°	1396.8	1387.8	1391.4	1387.8	1382.4	1377.0	1369.8	1368.0
40°	1328.4	1324.8	1324.8	1321.2	1315.8	1308.6	1306.8	1301.4
42.5°	1260.0	1258.2	1258.2	1252.8	1247.4	1242.0	1238.4	1236.6
45°	1193.4	1188.0	1191.6	1186.2	1179.0	1173.6	1170.0	1168.2
47.5°	1125.0	1119.6	1119.6	1116.0	1108.8	1105.2	1101.6	1101.6
50°	1056.6	1049.4	1047.6	1045.8	1040.4	1036.8	1031.4	1033.2
52.5°	986.4	982.8	981.0	975.6	970.2	966.6	964.8	966.6
55°	916.2	912.6	909.0	905.4	900.0	896.4	892.8	894.6
57.5°	846.0	838.8	838.8	833.4	829.8	826.2	822.6	822.6
60°	774.0	770.4	766.8	763.2	759.6	756.0	756.0	752.4
62.5°	702.0	698.4	694.8	689.4	687.6	684.0	685.8	682.2
65°	630.0	624.6	624.6	619.2	617.4	613.8	615.6	613.8
67.5°	558.0	554.4	552.6	549.0	545.4	543.6	543.6	543.6
70°	486.0	482.4	480.6	480.6	475.2	469.8	473.4	471.6
72.5°	410.4	408.6	405.0	403.2	399.6	397.8	399.6	397.8
75°	340.2	338.4	336.6	334.8	329.4	329.4	331.2	329.4
77.5°	270.0	268.2	266.4	268.2	261.0	261.0	261.0	259.2
80°	201.6	199.8	196.2	198.0	194.4	190.8	190.8	194.4
82.5°	129.6	129.6	126.0	126.0	126.0	120.6	122.4	124.2
85°	66.6	66.6	64.8	66.6	61.2	61.2	61.2	59.4
87.5°	14.4	14.4	12.6	14.4	12.6	12.6	12.6	14.4
90°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
92.5°	9.0	9.0	9.0	10.8	9.0	9.0	9.0	9.0
95°	21.6	23.4	23.4	23.4	21.6	21.6	21.6	19.8
97.5°	36.0	36.0	36.0	36.0	34.2	34.2	34.2	32.4
100°	46.8	48.6	48.6	48.6	48.6	48.6	48.6	46.8
102.5°	57.6	57.6	57.6	59.4	59.4	59.4	59.4	57.6
105°	64.8	66.6	66.6	68.4	70.2	70.2	70.2	68.4
107.5°	77.4	77.4	77.4	77.4	77.4	79.2	77.4	77.4
110°	93.6	91.8	91.8	91.8	90.0	90.0	90.0	90.0



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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	109.8	109.8	109.8	109.8	109.8	108.0	108.0	108.0
115°	118.8	122.4	122.4	122.4	122.4	122.4	124.2	124.2
117.5°	127.8	129.6	131.4	131.4	133.2	133.2	135.0	135.0
120°	136.8	138.6	138.6	140.4	140.4	140.4	142.2	142.2
122.5°	147.6	147.6	147.6	147.6	149.4	147.6	149.4	149.4
125°	162.0	160.2	160.2	158.4	158.4	156.6	156.6	156.6
127.5°	180.0	176.4	174.6	172.8	171.0	169.2	167.4	167.4
130°	203.4	196.2	194.4	192.6	187.2	185.4	183.6	183.6
132.5°	228.6	223.2	219.6	216.0	210.6	207.0	205.2	203.4
135°	259.2	252.0	246.6	243.0	237.6	232.2	228.6	228.6
137.5°	286.2	279.0	275.4	271.8	266.4	261.0	259.2	257.4
140°	315.0	307.8	304.2	300.6	295.2	289.8	286.2	286.2
142.5°	342.0	334.8	333.0	329.4	324.0	318.6	316.8	315.0
145°	370.8	363.6	360.0	358.2	352.8	347.4	343.8	343.8
147.5°	397.8	390.6	388.8	385.2	381.6	374.4	372.6	370.8
150°	424.8	417.6	415.8	414.0	410.4	403.2	399.6	399.6
152.5°	450.0	442.8	441.0	441.0	437.4	432.0	428.4	426.6
155°	477.0	471.6	469.8	469.8	466.2	459.0	453.6	453.6
157.5°	500.4	495.0	493.2	493.2	489.6	486.0	484.2	484.2
160°	523.8	518.4	516.6	516.6	514.8	511.2	509.4	509.4
162.5°	543.6	540.0	538.2	538.2	538.2	534.6	531.0	532.8
165°	563.4	558.0	558.0	556.2	558.0	554.4	552.6	554.4
167.5°	577.8	576.0	574.2	574.2	574.2	572.4	572.4	572.4
170°	594.0	592.2	592.2	590.4	590.4	590.4	586.8	588.6
172.5°	608.4	606.6	606.6	606.6	606.6	604.8	601.2	603.0
175°	622.8	621.0	621.0	621.0	621.0	619.2	613.8	613.8
177.5°	635.4	635.4	633.6	633.6	633.6	630.0	622.8	624.6
180°	644.4	644.4	644.4	644.4	644.4	644.4	644.4	644.4

(END OF REPORT)