

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: P303094

Luminaire Tested: **CTW-F-2575-40L930-UNV-STD-8**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303094
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-2575-40L930-UNV-STD-8
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 4000 LUMEN PACKAGE
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6642.2 lumens
Efficiency: N/A
Efficacy: 97.0 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

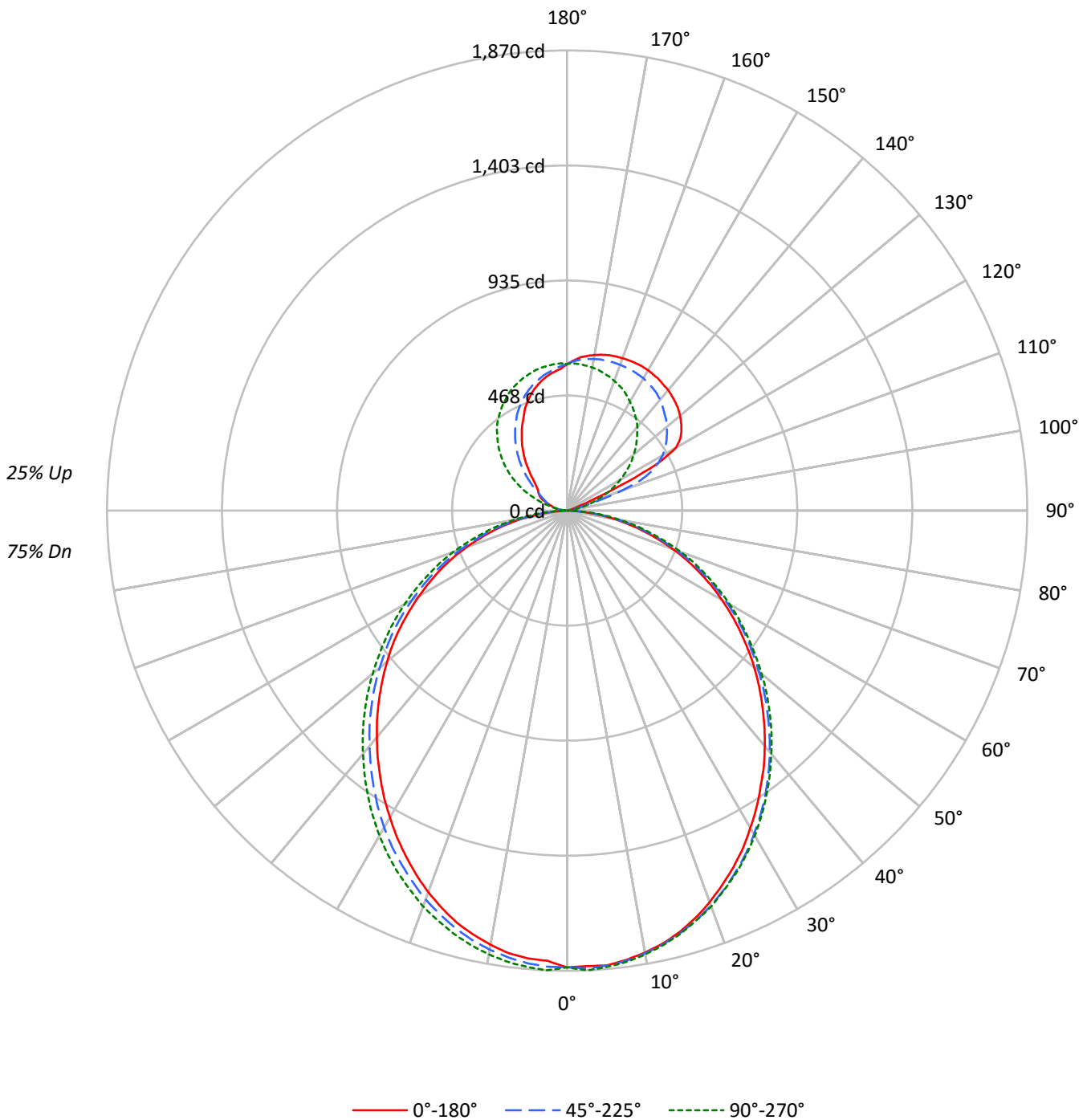
Input Watts (W): 68.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	19982	19982	19982
5°	20041	20112	19735
10°	19928	20018	19581
15°	19742	19835	19315
20°	19397	19607	18903
25°	18986	19302	18412
30°	18504	18959	17905
35°	18011	18558	17399
40°	17554	18137	16899
45°	17067	17725	16434
50°	16630	17270	15989
55°	16139	16826	15514
60°	15649	16436	14968
65°	15083	15972	14446
70°	14398	15497	13715
75°	13350	14598	12660
80°	11753	13612	11139
85°	8015	11708	6780



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	175.2	2.6
10°-20°	496.3	7.5
20°-30°	735.2	11.1
30°-40°	862.6	13.0
40°-50°	874.2	13.2
50°-60°	779.2	11.7
60°-70°	596.8	9.0
70°-80°	350.1	5.3
80°-90°	92.0	1.4
90°-100°	17.2	0.3
100°-110°	74.2	1.1
110°-120°	206.5	3.1
120°-130°	294.9	4.4
130°-140°	317.1	4.8
140°-150°	302.0	4.5
150°-160°	248.8	3.7
160°-170°	163.2	2.5
170°-180°	56.6	0.9
0°-30°	1406.8	21.2
0°-40°	2269.4	34.2
0°-60°	3922.9	59.1
0°-90°	4961.8	74.7
90°-120°	297.9	4.5
90°-150°	1211.9	18.2
90°-180°	1680.0	25.3
0°-180°	6642.2	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1856	1856	1856	1856	1856	
5°	1855	1856	1861	1846	1826	176
15°	1772	1777	1780	1757	1733	499
25°	1599	1620	1625	1589	1550	736
35°	1371	1406	1412	1371	1324	858
45°	1121	1150	1164	1124	1080	866
55°	860	885	897	865	827	769
65°	592	612	627	594	567	587
75°	321	338	351	324	304	339
85°	65	80	95	68	55	80
90°	2	2	2	3	5	3
95°	5	5	13	22	18	5
105°	20	53	80	58	63	23
115°	231	379	193	103	115	248
125°	567	492	303	166	145	504
135°	622	559	399	266	211	480
145°	650	607	479	369	318	408
155°	660	627	541	461	419	305
165°	654	630	577	531	512	185
175°	626	616	597	579	567	60
180°	596	596	596	596	596	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1856.4	1856.4	1856.4	1856.4	1856.4	1856.4	1856.4	1856.4	1856.4	1856.4	1856.4
2.5°	1853.1	1851.4	1853.1	1851.4	1856.4	1856.4	1856.4	1854.8	1858.1	1864.7	1861.4
5°	1854.8	1853.1	1851.4	1846.4	1849.8	1849.8	1849.8	1848.1	1851.4	1859.8	1856.4
7.5°	1841.5	1841.5	1839.8	1836.5	1839.8	1839.8	1838.1	1836.5	1839.8	1846.4	1844.8
10°	1823.2	1821.5	1819.8	1816.5	1821.5	1821.5	1821.5	1819.8	1823.2	1831.5	1826.5
12.5°	1801.5	1798.2	1796.5	1793.2	1798.2	1798.2	1798.2	1796.5	1799.9	1808.2	1804.9
15°	1771.6	1769.9	1769.9	1768.3	1773.3	1773.3	1773.3	1769.9	1773.3	1779.9	1776.6
17.5°	1735.0	1733.3	1736.7	1735.0	1738.3	1738.3	1738.3	1735.0	1736.7	1746.6	1745.0
20°	1693.4	1691.7	1691.7	1690.1	1695.1	1695.1	1696.7	1693.4	1698.4	1708.4	1708.4
22.5°	1646.8	1646.8	1648.5	1646.8	1650.2	1651.8	1650.2	1648.5	1653.5	1663.5	1666.8
25°	1598.6	1596.9	1596.9	1600.3	1601.9	1603.6	1603.6	1601.9	1605.2	1615.2	1620.2
27.5°	1547.0	1543.7	1547.0	1547.0	1550.3	1552.0	1553.7	1553.7	1557.0	1563.7	1572.0
30°	1488.8	1488.8	1490.5	1492.1	1492.1	1497.1	1498.8	1498.8	1502.1	1510.4	1518.7
32.5°	1432.2	1430.6	1433.9	1435.6	1437.2	1440.6	1440.6	1442.2	1443.9	1452.2	1463.8
35°	1370.7	1372.4	1372.4	1375.7	1379.0	1380.7	1382.3	1380.7	1385.7	1390.7	1405.6
37.5°	1312.5	1310.8	1310.8	1312.5	1317.5	1319.1	1320.8	1320.8	1324.1	1330.8	1344.1
40°	1249.3	1247.6	1250.9	1252.6	1254.3	1257.6	1257.6	1260.9	1265.9	1270.9	1280.9
42.5°	1186.0	1184.4	1187.7	1189.4	1192.7	1194.4	1194.4	1197.7	1202.7	1209.3	1216.0
45°	1121.2	1119.5	1122.8	1124.5	1127.8	1129.5	1129.5	1134.5	1139.5	1142.8	1149.5
47.5°	1058.0	1056.3	1058.0	1061.3	1064.6	1066.3	1066.3	1069.6	1072.9	1079.6	1084.6
50°	993.1	989.8	993.1	994.8	998.1	996.4	999.7	1003.1	1009.7	1016.4	1016.4
52.5°	926.5	923.2	926.5	928.2	931.5	933.2	933.2	934.9	943.2	948.2	951.5
55°	860.0	858.3	860.0	861.7	865.0	868.3	866.7	871.7	875.0	881.6	885.0
57.5°	793.5	791.8	793.5	795.1	798.5	800.1	800.1	805.1	806.8	811.8	820.1
60°	726.9	723.6	726.9	728.6	731.9	731.9	733.6	735.3	740.2	746.9	750.2
62.5°	660.4	660.4	660.4	660.4	663.7	663.7	668.7	670.4	670.4	677.0	682.0
65°	592.2	592.2	592.2	592.2	595.5	598.8	597.2	602.2	603.8	608.8	612.2
67.5°	525.7	524.0	525.7	525.7	529.0	530.6	530.6	534.0	535.6	537.3	545.6
70°	457.5	459.1	457.5	457.5	457.5	460.8	464.1	465.8	467.4	469.1	474.1
72.5°	387.6	385.9	387.6	387.6	387.6	390.9	392.6	395.9	395.9	399.2	402.6
75°	321.0	321.0	322.7	321.0	321.0	326.0	326.0	329.4	329.4	332.7	337.7
77.5°	254.5	257.8	256.2	256.2	256.2	259.5	259.5	262.8	264.5	266.2	271.1
80°	189.6	193.0	191.3	191.3	191.3	193.0	194.6	198.0	198.0	201.3	204.6
82.5°	126.4	126.4	128.1	128.1	128.1	129.8	133.1	134.7	134.7	138.1	141.4
85°	64.9	69.9	68.2	68.2	68.2	69.9	71.5	73.2	74.9	76.5	79.8
87.5°	13.3	15.0	15.0	13.3	16.6	15.0	16.6	18.3	18.3	20.0	23.3
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°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
95°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
97.5°	6.7	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	10.0
100°	10.0	10.0	10.0	10.0	10.0	11.6	11.6	11.6	11.6	13.3	15.0
102.5°	13.3	13.3	15.0	15.0	15.0	15.0	15.0	16.6	18.3	20.0	26.6
105°	20.0	18.3	20.0	20.0	20.0	21.6	21.6	25.0	28.3	36.6	53.2
107.5°	26.6	26.6	26.6	28.3	29.9	33.3	34.9	41.6	56.6	79.8	123.1
110°	41.6	39.9	43.3	46.6	56.6	61.5	69.9	94.8	134.7	183.0	234.5



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	88.2	86.5	98.1	109.8	131.4	151.4	178.0	227.9	279.5	311.1	324.4
115°	231.2	226.2	241.2	271.1	309.4	329.4	347.7	372.6	387.6	387.6	379.3
117.5°	417.5	410.9	427.5	435.8	444.1	450.8	450.8	450.8	444.1	432.5	415.9
120°	510.7	505.7	507.4	504.0	500.7	497.4	494.0	487.4	475.8	462.4	447.5
122.5°	545.6	544.0	540.6	535.6	530.6	525.7	522.3	514.0	502.4	487.4	472.4
125°	567.2	565.6	562.3	557.3	550.6	547.3	544.0	534.0	522.3	509.0	492.4
127.5°	583.9	583.9	578.9	575.6	568.9	565.6	560.6	552.3	540.6	525.7	510.7
130°	598.8	598.8	593.9	592.2	583.9	582.2	577.2	567.2	555.6	542.3	529.0
132.5°	612.2	610.5	608.8	605.5	598.8	595.5	592.2	583.9	570.6	557.3	545.6
135°	622.1	620.5	618.8	615.5	608.8	607.2	603.8	595.5	582.2	570.6	558.9
137.5°	630.5	630.5	627.1	625.5	618.8	617.1	613.8	605.5	593.9	583.9	573.9
140°	638.8	638.8	635.4	633.8	627.1	625.5	623.8	615.5	603.8	595.5	587.2
142.5°	643.8	645.4	642.1	640.4	633.8	632.1	630.5	622.1	613.8	605.5	598.8
145°	650.4	650.4	647.1	645.4	642.1	640.4	637.1	630.5	622.1	613.8	607.2
147.5°	653.7	655.4	652.1	650.4	647.1	645.4	642.1	635.4	627.1	620.5	613.8
150°	658.7	658.7	655.4	653.7	650.4	648.8	647.1	640.4	632.1	627.1	620.5
152.5°	660.4	660.4	657.1	655.4	652.1	650.4	648.8	642.1	635.4	630.5	623.8
155°	660.4	660.4	658.7	655.4	653.7	652.1	648.8	643.8	637.1	633.8	627.1
157.5°	660.4	658.7	658.7	655.4	653.7	650.4	648.8	642.1	638.8	635.4	628.8
160°	658.7	658.7	657.1	653.7	653.7	650.4	648.8	643.8	638.8	637.1	630.5
162.5°	657.1	655.4	655.4	652.1	652.1	650.4	647.1	643.8	638.8	637.1	630.5
165°	653.7	652.1	652.1	648.8	648.8	647.1	645.4	638.8	637.1	635.4	630.5
167.5°	648.8	647.1	645.4	642.1	642.1	640.4	638.8	633.8	632.1	632.1	628.8
170°	642.1	638.8	637.1	635.4	635.4	633.8	632.1	628.8	628.8	628.8	625.5
172.5°	633.8	630.5	630.5	628.8	627.1	627.1	625.5	622.1	622.1	622.1	620.5
175°	625.5	622.1	620.5	618.8	620.5	618.8	617.1	615.5	615.5	617.1	615.5
177.5°	610.5	607.2	608.8	608.8	608.8	608.8	607.2	607.2	607.2	607.2	607.2
180°	595.5	595.5	595.5	595.5	595.5	595.5	595.5	595.5	595.5	595.5	595.5



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1856.4	1856.4	1856.4	1856.4	1856.4	1856.4	1856.4	1856.4	1856.4	1856.4	1856.4
2.5°	1849.8	1844.8	1844.8	1851.4	1853.1	1856.4	1859.8	1866.4	1869.7	1869.7	1868.1
5°	1844.8	1839.8	1838.1	1844.8	1846.4	1849.8	1853.1	1859.8	1861.4	1861.4	1859.8
7.5°	1833.1	1828.1	1826.5	1833.1	1834.8	1838.1	1839.8	1846.4	1849.8	1849.8	1846.4
10°	1814.8	1809.8	1809.8	1816.5	1818.2	1819.8	1823.2	1828.1	1831.5	1831.5	1829.8
12.5°	1793.2	1788.2	1786.6	1793.2	1794.9	1796.5	1799.9	1806.5	1808.2	1808.2	1804.9
15°	1766.6	1759.9	1759.9	1766.6	1768.3	1769.9	1773.3	1778.2	1779.9	1779.9	1776.6
17.5°	1733.3	1730.0	1726.7	1733.3	1735.0	1736.7	1738.3	1745.0	1748.3	1746.6	1743.3
20°	1696.7	1691.7	1688.4	1696.7	1698.4	1700.1	1701.7	1708.4	1711.7	1711.7	1706.7
22.5°	1656.8	1651.8	1648.5	1655.1	1658.5	1658.5	1661.8	1666.8	1670.1	1668.5	1665.1
25°	1611.9	1605.2	1605.2	1610.2	1613.6	1613.6	1616.9	1621.9	1625.2	1625.2	1620.2
27.5°	1563.7	1558.7	1555.3	1558.7	1563.7	1565.3	1568.6	1573.6	1577.0	1577.0	1572.0
30°	1513.8	1508.8	1502.1	1507.1	1512.1	1513.8	1517.1	1523.7	1525.4	1525.4	1517.1
32.5°	1460.5	1452.2	1450.5	1453.9	1457.2	1460.5	1463.8	1468.8	1468.8	1470.5	1465.5
35°	1400.6	1397.3	1394.0	1397.3	1400.6	1402.3	1407.3	1412.3	1412.3	1412.3	1407.3
37.5°	1342.4	1342.4	1335.8	1337.4	1340.8	1342.4	1349.1	1352.4	1354.1	1352.4	1350.7
40°	1285.9	1280.9	1277.5	1277.5	1279.2	1284.2	1287.5	1290.8	1292.5	1290.8	1287.5
42.5°	1224.3	1221.0	1216.0	1216.0	1217.7	1222.6	1229.3	1231.0	1229.3	1229.3	1222.6
45°	1157.8	1157.8	1154.4	1154.4	1154.4	1159.4	1166.1	1167.8	1166.1	1164.4	1161.1
47.5°	1091.2	1092.9	1092.9	1091.2	1091.2	1091.2	1097.9	1099.5	1101.2	1099.5	1096.2
50°	1024.7	1026.4	1026.4	1026.4	1024.7	1029.7	1031.3	1034.7	1033.0	1031.3	1029.7
52.5°	954.8	959.8	959.8	961.5	961.5	961.5	968.1	969.8	964.8	963.1	961.5
55°	886.6	893.3	893.3	894.9	894.9	894.9	899.9	903.3	898.3	896.6	894.9
57.5°	820.1	825.1	825.1	828.4	831.7	828.4	831.7	835.1	830.1	831.7	828.4
60°	751.9	755.2	756.9	760.2	761.9	761.9	765.2	768.5	761.9	763.5	761.9
62.5°	687.0	687.0	688.7	692.0	693.7	692.0	695.3	700.3	693.7	695.3	693.7
65°	613.8	618.8	618.8	622.1	623.8	623.8	627.1	630.5	625.5	627.1	622.1
67.5°	545.6	548.9	550.6	555.6	558.9	557.3	558.9	562.3	558.9	560.6	555.6
70°	477.4	480.7	480.7	482.4	487.4	489.1	490.7	492.4	490.7	492.4	489.1
72.5°	405.9	407.5	409.2	410.9	415.9	415.9	417.5	419.2	424.2	420.9	420.9
75°	337.7	341.0	341.0	346.0	349.3	349.3	351.0	352.7	356.0	351.0	351.0
77.5°	271.1	274.5	274.5	279.5	281.1	281.1	284.5	286.1	287.8	286.1	286.1
80°	206.3	207.9	209.6	211.3	214.6	216.3	217.9	219.6	221.2	219.6	221.2
82.5°	144.7	144.7	146.4	148.0	151.4	153.0	154.7	156.4	158.0	156.4	158.0
85°	81.5	84.8	84.8	89.8	91.5	91.5	93.2	94.8	96.5	94.8	96.5
87.5°	25.0	28.3	29.9	31.6	34.9	34.9	38.3	39.9	39.9	38.3	39.9
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°	3.3	3.3	3.3	5.0	5.0	5.0	6.7	6.7	6.7	5.0	6.7
95°	6.7	6.7	8.3	11.6	15.0	16.6	20.0	20.0	16.6	13.3	13.3
97.5°	11.6	13.3	20.0	28.3	31.6	36.6	39.9	36.6	29.9	25.0	23.3
100°	20.0	26.6	41.6	58.2	63.2	68.2	66.5	58.2	48.2	39.9	34.9
102.5°	36.6	56.6	84.8	101.5	104.8	104.8	96.5	83.2	69.9	58.2	51.6
105°	81.5	116.4	148.0	151.4	149.7	144.7	129.8	113.1	96.5	79.8	71.5
107.5°	168.0	198.0	207.9	198.0	193.0	183.0	164.7	144.7	123.1	106.5	93.2
110°	261.2	264.5	254.5	237.9	227.9	219.6	196.3	176.3	153.0	133.1	118.1



TEST NUMBER: P303094

CATALOG NUMBER: CTW-F-2575-40L930-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	324.4	312.7	294.4	274.5	264.5	252.8	231.2	207.9	183.0	161.4	144.7
115°	366.0	347.7	327.7	306.1	296.1	286.1	262.8	237.9	212.9	193.0	173.0
117.5°	397.6	377.6	357.6	336.0	326.0	316.1	291.1	267.8	241.2	221.2	201.3
120°	424.2	405.9	384.3	364.3	354.3	344.3	319.4	296.1	271.1	249.5	227.9
122.5°	454.1	435.8	409.2	390.9	380.9	369.3	346.0	322.7	297.8	276.1	254.5
125°	475.8	457.5	437.5	414.2	404.2	392.6	369.3	347.7	324.4	302.8	282.8
127.5°	497.4	479.1	460.8	439.2	427.5	414.2	392.6	371.0	349.3	329.4	307.7
130°	515.7	499.0	480.7	460.8	449.1	439.2	414.2	392.6	372.6	352.7	334.4
132.5°	534.0	517.3	497.4	479.1	467.4	459.1	439.2	415.9	395.9	377.6	357.6
135°	547.3	532.3	512.3	492.4	484.1	475.8	457.5	439.2	417.5	399.2	380.9
137.5°	562.3	545.6	525.7	507.4	499.0	492.4	475.8	457.5	440.8	420.9	402.6
140°	573.9	557.3	539.0	520.7	514.0	507.4	492.4	475.8	460.8	444.1	424.2
142.5°	583.9	567.2	548.9	532.3	527.3	520.7	505.7	492.4	477.4	462.4	445.8
145°	593.9	575.6	558.9	545.6	539.0	532.3	520.7	507.4	494.0	479.1	464.1
147.5°	602.2	583.9	568.9	555.6	550.6	545.6	532.3	520.7	509.0	495.7	480.7
150°	608.8	592.2	578.9	567.2	562.3	557.3	544.0	534.0	524.0	510.7	497.4
152.5°	612.2	597.2	585.5	575.6	572.2	567.2	557.3	547.3	537.3	525.7	514.0
155°	615.5	602.2	592.2	583.9	580.5	577.2	567.2	558.9	550.6	540.6	527.3
157.5°	617.1	607.2	597.2	590.5	587.2	583.9	575.6	568.9	560.6	550.6	540.6
160°	620.5	610.5	600.5	595.5	593.9	590.5	582.2	577.2	570.6	560.6	552.3
162.5°	620.5	612.2	603.8	600.5	598.8	597.2	588.9	583.9	578.9	570.6	562.3
165°	622.1	613.8	607.2	603.8	602.2	600.5	595.5	590.5	585.5	577.2	572.2
167.5°	620.5	613.8	608.8	605.5	603.8	602.2	598.8	595.5	590.5	585.5	578.9
170°	617.1	612.2	608.8	607.2	605.5	603.8	600.5	598.8	593.9	590.5	585.5
172.5°	613.8	608.8	605.5	605.5	603.8	603.8	602.2	600.5	597.2	593.9	590.5
175°	608.8	605.5	602.2	602.2	602.2	602.2	600.5	600.5	598.8	597.2	593.9
177.5°	602.2	598.8	597.2	597.2	598.8	598.8	598.8	598.8	598.8	598.8	597.2
180°	595.5	595.5	595.5	595.5	595.5	595.5	595.5	595.5	595.5	595.5	595.5



TEST NUMBER: P303094

CATALOG NUMBER: CTW-F-2575-40L930-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1856.4	1856.4	1856.4	1856.4	1856.4	1856.4	1856.4	1856.4	1856.4	1856.4	1856.4
2.5°	1856.4	1844.8	1844.8	1846.4	1849.8	1853.1	1853.1	1846.4	1854.8	1861.4	1854.8
5°	1848.1	1836.5	1838.1	1838.1	1841.5	1844.8	1844.8	1838.1	1846.4	1851.4	1843.1
7.5°	1834.8	1823.2	1823.2	1824.8	1826.5	1829.8	1829.8	1823.2	1831.5	1836.5	1828.1
10°	1816.5	1804.9	1804.9	1804.9	1808.2	1811.5	1809.8	1803.2	1811.5	1814.8	1808.2
12.5°	1791.5	1781.6	1781.6	1781.6	1783.2	1786.6	1784.9	1776.6	1786.6	1788.2	1779.9
15°	1763.3	1755.0	1753.3	1753.3	1755.0	1758.3	1755.0	1746.6	1756.6	1758.3	1751.6
17.5°	1731.7	1721.7	1720.0	1720.0	1721.7	1725.0	1720.0	1711.7	1720.0	1720.0	1713.4
20°	1695.1	1683.4	1681.8	1681.8	1683.4	1685.1	1678.4	1673.4	1681.8	1680.1	1673.4
22.5°	1653.5	1641.8	1640.2	1640.2	1641.8	1643.5	1635.2	1631.9	1636.8	1635.2	1626.9
25°	1606.9	1598.6	1596.9	1595.3	1598.6	1595.3	1590.3	1585.3	1588.6	1585.3	1577.0
27.5°	1558.7	1548.7	1545.4	1547.0	1550.3	1548.7	1537.0	1535.4	1540.4	1533.7	1525.4
30°	1505.4	1497.1	1493.8	1495.5	1495.5	1495.5	1483.8	1485.5	1487.1	1482.1	1470.5
32.5°	1450.5	1443.9	1442.2	1442.2	1443.9	1440.6	1428.9	1430.6	1430.6	1422.3	1413.9
35°	1394.0	1387.3	1384.0	1385.7	1387.3	1380.7	1370.7	1374.0	1370.7	1364.0	1355.7
37.5°	1335.8	1327.4	1327.4	1327.4	1329.1	1320.8	1310.8	1315.8	1310.8	1302.5	1295.8
40°	1272.5	1265.9	1267.6	1267.6	1269.2	1262.6	1254.3	1254.3	1249.3	1240.9	1232.6
42.5°	1214.3	1206.0	1209.3	1209.3	1209.3	1199.4	1194.4	1192.7	1189.4	1181.1	1174.4
45°	1149.5	1142.8	1147.8	1146.1	1147.8	1136.1	1132.8	1129.5	1124.5	1117.8	1109.5
47.5°	1082.9	1079.6	1084.6	1084.6	1084.6	1072.9	1069.6	1064.6	1061.3	1054.6	1043.0
50°	1016.4	1016.4	1019.7	1021.4	1018.0	1008.1	1004.7	998.1	994.8	988.1	978.1
52.5°	953.2	949.8	954.8	954.8	951.5	943.2	938.2	933.2	928.2	921.6	914.9
55°	888.3	885.0	890.0	886.6	885.0	878.3	871.7	866.7	865.0	855.0	848.4
57.5°	821.8	820.1	823.4	821.8	816.8	811.8	805.1	801.8	796.8	788.5	783.5
60°	755.2	755.2	755.2	753.5	750.2	743.6	738.6	735.3	728.6	721.9	718.6
62.5°	688.7	688.7	687.0	685.3	682.0	677.0	670.4	670.4	660.4	653.7	652.1
65°	622.1	620.5	618.8	613.8	613.8	610.5	603.8	598.8	593.9	587.2	585.5
67.5°	555.6	552.3	547.3	547.3	544.0	542.3	535.6	530.6	527.3	522.3	519.0
70°	489.1	484.1	479.1	480.7	475.8	474.1	467.4	465.8	457.5	452.5	452.5
72.5°	417.5	412.5	407.5	409.2	405.9	402.6	397.6	392.6	387.6	385.9	382.6
75°	351.0	344.3	341.0	341.0	337.7	334.4	331.0	326.0	324.4	321.0	317.7
77.5°	282.8	277.8	276.1	276.1	271.1	269.5	266.2	264.5	259.5	259.5	252.8
80°	217.9	212.9	211.3	209.6	209.6	204.6	202.9	198.0	196.3	193.0	188.0
82.5°	153.0	149.7	148.0	148.0	148.0	141.4	139.7	134.7	133.1	128.1	123.1
85°	93.2	89.8	86.5	88.2	86.5	79.8	78.2	71.5	68.2	66.5	63.2
87.5°	38.3	33.3	29.9	28.3	28.3	25.0	23.3	21.6	16.6	15.0	13.3
90°	1.7	1.7	3.3	3.3	3.3	3.3	3.3	3.3	3.3	5.0	5.0
92.5°	8.3	10.0	10.0	10.0	11.6	11.6	10.0	10.0	10.0	10.0	8.3
95°	15.0	16.6	20.0	20.0	21.6	23.3	23.3	21.6	21.6	21.6	20.0
97.5°	21.6	25.0	25.0	26.6	28.3	29.9	31.6	33.3	33.3	33.3	33.3
100°	33.3	31.6	34.9	36.6	36.6	36.6	38.3	39.9	41.6	43.3	43.3
102.5°	48.2	43.3	43.3	43.3	46.6	49.9	46.6	46.6	48.2	49.9	51.6
105°	63.2	58.2	54.9	54.9	54.9	58.2	61.5	59.9	58.2	59.9	59.9
107.5°	83.2	74.9	68.2	68.2	68.2	66.5	69.9	71.5	74.9	73.2	69.9
110°	104.8	94.8	86.5	81.5	81.5	79.8	79.8	81.5	84.8	86.5	88.2



TEST NUMBER: P303094

CATALOG NUMBER: CTW-F-2575-40L930-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	129.8	116.4	104.8	103.1	98.1	93.2	91.5	91.5	93.2	96.5	99.8
115°	156.4	141.4	126.4	123.1	118.1	108.1	104.8	103.1	103.1	104.8	108.1
117.5°	183.0	166.3	151.4	144.7	139.7	129.8	121.4	116.4	114.8	114.8	116.4
120°	209.6	194.6	178.0	169.7	163.0	151.4	139.7	131.4	128.1	126.4	126.4
122.5°	236.2	221.2	202.9	196.3	189.6	174.7	163.0	151.4	144.7	139.7	138.1
125°	262.8	247.9	231.2	222.9	214.6	199.6	188.0	176.3	166.3	158.0	153.0
127.5°	289.4	272.8	257.8	251.2	242.9	226.2	211.3	199.6	189.6	179.7	171.3
130°	312.7	299.4	284.5	277.8	269.5	251.2	237.9	226.2	214.6	202.9	194.6
132.5°	339.3	322.7	309.4	302.8	294.4	277.8	264.5	251.2	241.2	229.6	219.6
135°	361.0	347.7	332.7	326.0	319.4	304.4	291.1	277.8	266.2	256.2	247.9
137.5°	384.3	369.3	356.0	351.0	342.7	327.7	317.7	304.4	292.8	281.1	272.8
140°	405.9	390.9	377.6	372.6	366.0	352.7	339.3	329.4	317.7	307.7	299.4
142.5°	427.5	409.2	399.2	394.2	387.6	374.3	362.6	354.3	344.3	334.4	326.0
145°	447.5	434.2	417.5	414.2	409.2	395.9	385.9	377.6	369.3	359.3	351.0
147.5°	464.1	452.5	440.8	437.5	432.5	419.2	407.5	400.9	392.6	384.3	375.9
150°	482.4	470.8	460.8	457.5	452.5	444.1	432.5	420.9	415.9	405.9	399.2
152.5°	499.0	487.4	477.4	475.8	470.8	462.4	452.5	444.1	440.8	432.5	420.9
155°	514.0	502.4	494.0	492.4	489.1	480.7	472.4	464.1	460.8	452.5	445.8
157.5°	527.3	515.7	509.0	507.4	504.0	497.4	489.1	480.7	479.1	472.4	467.4
160°	540.6	529.0	524.0	522.3	519.0	514.0	507.4	499.0	499.0	492.4	487.4
162.5°	550.6	542.3	537.3	534.0	532.3	529.0	522.3	515.7	515.7	510.7	505.7
165°	562.3	552.3	548.9	547.3	545.6	542.3	537.3	530.6	530.6	527.3	522.3
167.5°	570.6	562.3	558.9	557.3	555.6	553.9	550.6	544.0	544.0	542.3	537.3
170°	577.2	570.6	567.2	565.6	565.6	563.9	562.3	557.3	557.3	555.6	550.6
172.5°	583.9	577.2	575.6	575.6	573.9	573.9	572.2	567.2	567.2	568.9	563.9
175°	588.9	582.2	582.2	580.5	582.2	582.2	580.5	577.2	578.9	580.5	577.2
177.5°	590.5	587.2	587.2	587.2	587.2	588.9	588.9	583.9	587.2	590.5	585.5
180°	595.5	595.5	595.5	595.5	595.5	595.5	595.5	595.5	595.5	595.5	595.5



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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	1856.4	1856.4	1856.4	1856.4	1856.4	1856.4	1856.4	1856.4
2.5°	1854.8	1851.4	1849.8	1849.8	1851.4	1841.5	1833.1	1831.5
5°	1843.1	1839.8	1838.1	1838.1	1841.5	1834.8	1828.1	1826.5
7.5°	1826.5	1824.8	1821.5	1823.2	1828.1	1821.5	1814.8	1814.8
10°	1804.9	1803.2	1799.9	1801.5	1804.9	1798.2	1791.5	1791.5
12.5°	1778.2	1773.3	1771.6	1773.3	1776.6	1769.9	1763.3	1764.9
15°	1746.6	1743.3	1741.6	1743.3	1746.6	1740.0	1731.7	1733.3
17.5°	1711.7	1706.7	1706.7	1708.4	1710.0	1701.7	1693.4	1693.4
20°	1668.5	1663.5	1663.5	1665.1	1665.1	1655.1	1650.2	1650.2
22.5°	1620.2	1615.2	1613.6	1616.9	1616.9	1608.6	1603.6	1601.9
25°	1572.0	1563.7	1563.7	1567.0	1565.3	1558.7	1552.0	1550.3
27.5°	1522.1	1512.1	1515.4	1515.4	1513.8	1503.8	1498.8	1497.1
30°	1467.2	1458.9	1457.2	1460.5	1455.5	1447.2	1443.9	1440.6
32.5°	1410.6	1402.3	1404.0	1402.3	1399.0	1390.7	1384.0	1384.0
35°	1352.4	1342.4	1345.7	1344.1	1337.4	1332.4	1327.4	1324.1
37.5°	1290.8	1282.5	1285.9	1282.5	1277.5	1272.5	1265.9	1264.2
40°	1227.6	1224.3	1224.3	1221.0	1216.0	1209.3	1207.7	1202.7
42.5°	1164.4	1162.8	1162.8	1157.8	1152.8	1147.8	1144.5	1142.8
45°	1102.9	1097.9	1101.2	1096.2	1089.6	1084.6	1081.3	1079.6
47.5°	1039.7	1034.7	1034.7	1031.3	1024.7	1021.4	1018.0	1018.0
50°	976.5	969.8	968.1	966.5	961.5	958.2	953.2	954.8
52.5°	911.6	908.3	906.6	901.6	896.6	893.3	891.6	893.3
55°	846.7	843.4	840.0	836.7	831.7	828.4	825.1	826.7
57.5°	781.8	775.2	775.2	770.2	766.9	763.5	760.2	760.2
60°	715.3	712.0	708.6	705.3	702.0	698.7	698.7	695.3
62.5°	648.8	645.4	642.1	637.1	635.4	632.1	633.8	630.5
65°	582.2	577.2	577.2	572.2	570.6	567.2	568.9	567.2
67.5°	515.7	512.3	510.7	507.4	504.0	502.4	502.4	502.4
70°	449.1	445.8	444.1	444.1	439.2	434.2	437.5	435.8
72.5°	379.3	377.6	374.3	372.6	369.3	367.6	369.3	367.6
75°	314.4	312.7	311.1	309.4	304.4	304.4	306.1	304.4
77.5°	249.5	247.9	246.2	247.9	241.2	241.2	241.2	239.5
80°	186.3	184.6	181.3	183.0	179.7	176.3	176.3	179.7
82.5°	119.8	119.8	116.4	116.4	116.4	111.5	113.1	114.8
85°	61.5	61.5	59.9	61.5	56.6	56.6	56.6	54.9
87.5°	13.3	13.3	11.6	13.3	11.6	11.6	11.6	13.3
90°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
92.5°	8.3	8.3	8.3	10.0	8.3	8.3	8.3	8.3
95°	20.0	21.6	21.6	21.6	20.0	20.0	20.0	18.3
97.5°	33.3	33.3	33.3	33.3	31.6	31.6	31.6	29.9
100°	43.3	44.9	44.9	44.9	44.9	44.9	44.9	43.3
102.5°	53.2	53.2	53.2	54.9	54.9	54.9	54.9	53.2
105°	59.9	61.5	61.5	63.2	64.9	64.9	64.9	63.2
107.5°	71.5	71.5	71.5	71.5	71.5	73.2	71.5	71.5
110°	86.5	84.8	84.8	84.8	83.2	83.2	83.2	83.2



TEST NUMBER: P303094

CATALOG NUMBER: CTW-F-2575-40L930-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	101.5	101.5	101.5	101.5	101.5	99.8	99.8	99.8
115°	109.8	113.1	113.1	113.1	113.1	113.1	114.8	114.8
117.5°	118.1	119.8	121.4	121.4	123.1	123.1	124.8	124.8
120°	126.4	128.1	128.1	129.8	129.8	129.8	131.4	131.4
122.5°	136.4	136.4	136.4	136.4	138.1	136.4	138.1	138.1
125°	149.7	148.0	148.0	146.4	146.4	144.7	144.7	144.7
127.5°	166.3	163.0	161.4	159.7	158.0	156.4	154.7	154.7
130°	188.0	181.3	179.7	178.0	173.0	171.3	169.7	169.7
132.5°	211.3	206.3	202.9	199.6	194.6	191.3	189.6	188.0
135°	239.5	232.9	227.9	224.6	219.6	214.6	211.3	211.3
137.5°	264.5	257.8	254.5	251.2	246.2	241.2	239.5	237.9
140°	291.1	284.5	281.1	277.8	272.8	267.8	264.5	264.5
142.5°	316.1	309.4	307.7	304.4	299.4	294.4	292.8	291.1
145°	342.7	336.0	332.7	331.0	326.0	321.0	317.7	317.7
147.5°	367.6	361.0	359.3	356.0	352.7	346.0	344.3	342.7
150°	392.6	385.9	384.3	382.6	379.3	372.6	369.3	369.3
152.5°	415.9	409.2	407.5	407.5	404.2	399.2	395.9	394.2
155°	440.8	435.8	434.2	434.2	430.8	424.2	419.2	419.2
157.5°	462.4	457.5	455.8	455.8	452.5	449.1	447.5	447.5
160°	484.1	479.1	477.4	477.4	475.8	472.4	470.8	470.8
162.5°	502.4	499.0	497.4	497.4	497.4	494.0	490.7	492.4
165°	520.7	515.7	515.7	514.0	515.7	512.3	510.7	512.3
167.5°	534.0	532.3	530.6	530.6	530.6	529.0	529.0	529.0
170°	548.9	547.3	547.3	545.6	545.6	545.6	542.3	544.0
172.5°	562.3	560.6	560.6	560.6	560.6	558.9	555.6	557.3
175°	575.6	573.9	573.9	573.9	573.9	572.2	567.2	567.2
177.5°	587.2	587.2	585.5	585.5	585.5	582.2	575.6	577.2
180°	595.5	595.5	595.5	595.5	595.5	595.5	595.5	595.5

(END OF REPORT)