

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: P303242

Luminaire Tested: **CTW-F-7525-50L935-UNV-STD-6**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P303242  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: CTW-F-7525-50L935-UNV-STD-6  
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE  
75% UPLIGHT, 25% DOWNLIGHT, 5000 LUMEN PACKAGE  
Light Source: 3500K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6456.8 lumens  
Efficiency: N/A  
Efficacy: 117.0 lumens/watt  
Spacing Criteria (0/90/45): 1.17 / 1.22 / 1.32  
Luminous Opening: Rectangular (W 6' x L: 0.12' x H: 0')  
CIE Type: Semi-Indirect

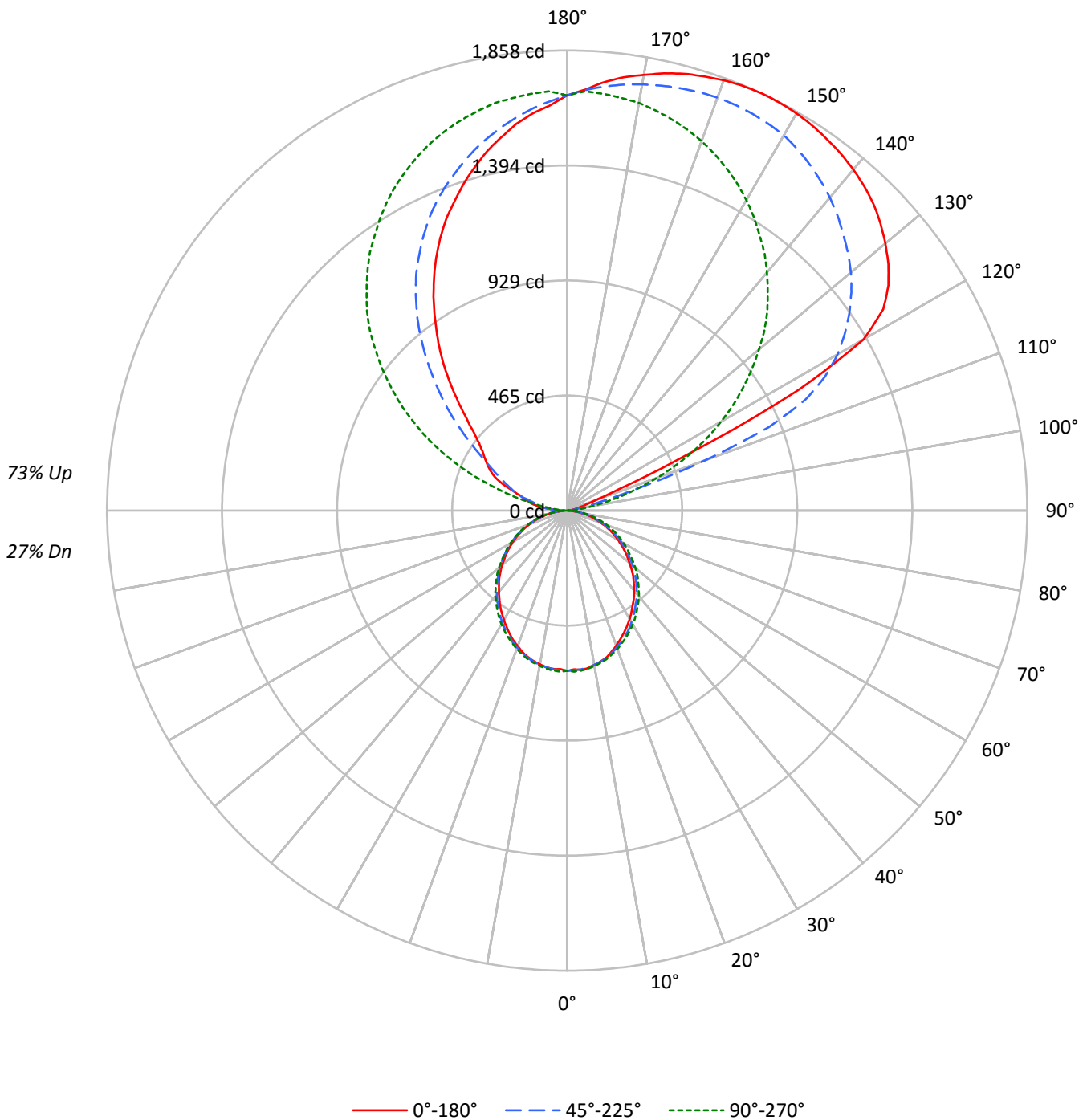
Input Watts (W): 55.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20					20					20					20					20	
RC	80					70					50					30					10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	102	102	102	102	91	91	91	91	70	70	70	52	52	52	35	35	35	27				
1	93	88	85	81	82	79	76	73	61	59	57	45	44	43	31	30	29	22				
2	84	77	71	66	75	69	64	60	54	50	47	40	38	36	27	26	24	19				
3	77	68	61	55	68	61	55	50	47	43	40	35	32	30	24	22	21	16				
4	70	60	52	46	62	53	47	42	42	37	34	31	28	26	21	19	18	13				
5	64	53	45	39	57	48	41	36	37	33	29	28	25	22	19	17	15	12				
6	59	47	40	34	52	43	36	31	34	29	25	25	22	19	17	15	14	10				
7	54	43	35	30	48	38	32	27	30	25	22	23	19	17	16	14	12	9				
8	50	38	31	26	45	35	28	24	27	23	19	21	17	15	14	12	11	8				
9	47	35	28	23	42	32	25	21	25	20	17	19	16	13	13	11	10	7				
10	44	32	25	20	39	29	23	19	23	18	15	17	14	12	12	10	9	7				

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°
0°	9286	9286	9286
5°	9285	9340	9248
10°	9222	9279	9186
15°	9115	9211	9096
20°	8857	9074	8896
25°	8610	8938	8692
30°	8369	8796	8453
35°	8101	8599	8259
40°	7887	8444	8034
45°	7654	8230	7865
50°	7323	8016	7640
55°	7109	7724	7431
60°	6820	7563	7228
65°	6534	7369	7016
70°	6122	7155	6773
75°	5656	6948	6443
80°	4694	6405	5868
85°	2552	5747	4463



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	61.0	0.9
10°-20°	172.8	2.7
20°-30°	255.0	3.9
30°-40°	299.2	4.6
40°-50°	303.4	4.7
50°-60°	268.9	4.2
60°-70°	205.8	3.2
70°-80°	122.1	1.9
80°-90°	33.9	0.5
90°-100°	47.3	0.7
100°-110°	200.7	3.1
110°-120°	571.3	8.8
120°-130°	834.9	12.9
130°-140°	900.8	14.0
140°-150°	857.5	13.3
150°-160°	703.6	10.9
160°-170°	459.4	7.1
170°-180°	159.2	2.5
0°-30°	488.8	7.6
0°-40°	788.0	12.2
0°-60°	1360.3	21.1
0°-90°	1722.1	26.7
90°-120°	819.3	12.7
90°-150°	3412.5	52.9
90°-180°	4735.0	73.3
0°-180°	6456.8	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	647	647	647	647	647	
5°	644	643	648	643	642	61
15°	614	615	620	615	612	172
25°	544	557	564	557	549	250
35°	462	479	491	482	471	290
45°	377	393	406	398	388	290
55°	284	297	309	307	297	254
65°	192	203	217	213	207	190
75°	102	108	125	120	116	107
85°	16	23	35	31	27	22
90°	3	3	1	9	14	2
95°	12	14	35	65	62	13
105°	56	141	226	156	176	65
115°	540	1063	555	288	323	627
125°	1583	1391	868	475	417	1402
135°	1750	1577	1143	768	622	1350
145°	1830	1707	1355	1066	927	1148
155°	1858	1768	1524	1311	1213	859
165°	1826	1766	1635	1494	1437	517
175°	1737	1719	1689	1629	1609	167
180°	1676	1676	1676	1676	1676	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	647.0	647.0	647.0	647.0	647.0	647.0	647.0	647.0	647.0	647.0	647.0
2.5°	641.9	641.9	643.2	645.8	645.8	645.8	647.0	648.3	647.0	649.6	645.8
5°	644.5	643.2	643.2	643.2	643.2	644.5	644.5	645.8	644.5	647.0	643.2
7.5°	641.9	640.6	640.6	639.3	638.0	638.0	639.3	640.6	639.3	641.9	639.3
10°	632.8	631.5	632.8	631.5	631.5	632.8	632.8	632.8	634.1	635.4	632.8
12.5°	623.8	623.8	622.5	622.5	622.5	622.5	623.8	625.1	625.1	626.4	625.1
15°	613.5	610.9	612.2	613.5	612.2	613.5	613.5	614.8	614.8	616.0	614.8
17.5°	596.7	596.7	598.0	599.3	599.3	599.3	600.5	600.5	601.8	603.1	601.8
20°	579.9	579.9	579.9	582.5	582.5	582.5	583.8	585.0	586.3	587.6	587.6
22.5°	561.8	561.8	561.8	564.4	564.4	564.4	567.0	568.3	569.6	570.8	572.1
25°	543.7	543.7	545.0	546.3	546.3	546.3	548.9	550.2	551.5	552.8	556.6
27.5°	524.3	524.3	525.6	526.9	528.2	529.5	530.8	532.1	534.7	536.0	539.8
30°	505.0	503.7	505.0	507.6	508.9	508.9	511.4	512.7	515.3	516.6	520.5
32.5°	484.3	483.0	484.3	486.9	488.2	488.2	490.8	492.1	494.6	495.9	501.1
35°	462.4	462.4	464.9	464.9	466.2	467.5	468.8	471.4	474.0	475.3	479.1
37.5°	443.0	441.7	444.3	444.3	445.6	446.9	448.2	450.7	453.3	455.9	458.5
40°	421.0	418.4	421.0	422.3	423.6	424.9	426.2	427.5	431.4	433.9	436.5
42.5°	399.1	396.5	399.1	400.4	402.9	402.9	402.9	405.5	409.4	412.0	414.6
45°	377.1	374.5	377.1	377.1	379.7	381.0	381.0	382.3	386.2	388.7	392.6
47.5°	353.9	353.9	355.2	356.5	357.7	357.7	359.0	360.3	362.9	368.1	369.4
50°	328.0	328.0	329.3	331.9	333.2	335.8	335.8	337.1	339.7	343.5	346.1
52.5°	306.1	304.8	306.1	307.4	308.7	310.0	310.0	311.3	313.8	317.7	320.3
55°	284.1	284.1	284.1	285.4	286.7	286.7	288.0	289.3	290.6	293.2	297.0
57.5°	260.9	260.9	262.2	262.2	263.5	263.5	264.8	266.0	267.3	269.9	273.8
60°	237.6	238.9	237.6	238.9	240.2	240.2	241.5	242.8	244.1	246.7	250.6
62.5°	215.7	215.7	215.7	215.7	217.0	217.0	218.3	219.6	222.1	223.4	226.0
65°	192.4	192.4	192.4	192.4	195.0	195.0	195.0	197.6	198.9	198.9	202.8
67.5°	169.2	170.5	169.2	170.5	171.8	171.8	171.8	174.4	175.6	176.9	178.2
70°	145.9	147.2	147.2	147.2	148.5	148.5	148.5	151.1	152.4	153.7	155.0
72.5°	124.0	124.0	125.3	125.3	125.3	125.3	126.6	127.9	129.2	130.4	131.7
75°	102.0	102.0	102.0	102.0	103.3	103.3	103.3	105.9	107.2	108.5	108.5
77.5°	78.8	80.1	78.8	78.8	80.1	80.1	81.4	82.7	83.9	86.5	87.8
80°	56.8	56.8	58.1	58.1	59.4	58.1	59.4	60.7	62.0	64.6	64.6
82.5°	36.2	36.2	36.2	37.5	37.5	38.7	38.7	38.7	40.0	42.6	43.9
85°	15.5	15.5	15.5	15.5	18.1	18.1	18.1	19.4	20.7	22.0	23.2
87.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.9	3.9
90°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
92.5°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
95°	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	12.9	12.9	14.2
97.5°	18.1	18.1	18.1	18.1	18.1	19.4	19.4	20.7	22.0	23.2	25.8
100°	27.1	27.1	28.4	28.4	28.4	29.7	29.7	32.3	34.9	38.7	45.2
102.5°	40.0	38.7	40.0	40.0	41.3	42.6	43.9	47.8	53.0	62.0	76.2
105°	55.5	54.2	55.5	56.8	59.4	62.0	64.6	72.3	83.9	104.6	140.8
107.5°	78.8	77.5	80.1	83.9	89.1	95.6	102.0	116.2	152.4	210.5	297.0
110°	116.2	121.4	126.6	138.2	155.0	173.1	184.7	246.7	322.9	448.2	591.5



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	223.4	240.2	255.7	294.5	348.7	399.1	428.8	567.0	683.2	805.9	882.1
115°	539.8	579.9	592.8	691.0	773.6	842.1	871.8	985.4	1035.8	1060.3	1062.9
117.5°	1052.6	1090.0	1090.0	1148.1	1194.6	1216.6	1219.2	1230.8	1221.8	1206.3	1175.3
120°	1381.9	1384.5	1389.7	1388.4	1389.7	1387.1	1378.0	1361.2	1330.2	1298.0	1260.5
122.5°	1513.6	1511.1	1507.2	1495.6	1482.6	1474.9	1460.7	1436.1	1405.2	1367.7	1329.0
125°	1583.4	1579.5	1574.3	1562.7	1545.9	1539.5	1522.7	1495.6	1464.6	1428.4	1390.9
127.5°	1635.0	1631.2	1624.7	1614.4	1597.6	1589.8	1574.3	1545.9	1516.2	1483.9	1446.5
130°	1677.7	1673.8	1667.3	1660.9	1645.4	1635.0	1620.8	1592.4	1565.3	1531.7	1495.6
132.5°	1716.4	1711.2	1704.8	1699.6	1684.1	1676.4	1660.9	1635.0	1607.9	1575.6	1538.2
135°	1750.0	1743.5	1735.8	1730.6	1716.4	1707.4	1693.2	1669.9	1644.1	1613.1	1576.9
137.5°	1775.8	1769.4	1762.9	1755.1	1743.5	1730.6	1722.9	1702.2	1676.4	1648.0	1615.7
140°	1797.8	1792.6	1786.1	1781.0	1768.1	1755.1	1747.4	1729.3	1704.8	1680.2	1650.5
142.5°	1815.8	1812.0	1805.5	1799.1	1787.4	1775.8	1769.4	1752.6	1733.2	1707.4	1680.2
145°	1830.1	1826.2	1821.0	1815.8	1804.2	1795.2	1787.4	1775.8	1756.4	1730.6	1707.4
147.5°	1843.0	1839.1	1835.2	1830.1	1818.4	1812.0	1805.5	1792.6	1773.2	1750.0	1730.6
150°	1852.0	1848.1	1844.3	1840.4	1828.8	1822.3	1818.4	1805.5	1788.7	1765.5	1750.0
152.5°	1857.2	1853.3	1849.4	1846.8	1835.2	1828.8	1824.9	1813.3	1796.5	1775.8	1760.3
155°	1858.5	1855.9	1852.0	1848.1	1836.5	1828.8	1827.5	1815.8	1801.6	1782.3	1768.1
157.5°	1855.9	1852.0	1848.1	1844.3	1832.6	1827.5	1824.9	1815.8	1802.9	1787.4	1773.2
160°	1849.4	1845.6	1844.3	1839.1	1830.1	1826.2	1823.6	1815.8	1804.2	1790.0	1774.5
162.5°	1837.8	1836.5	1835.2	1831.3	1824.9	1821.0	1819.7	1812.0	1800.4	1788.7	1771.9
165°	1826.2	1823.6	1821.0	1817.1	1812.0	1809.4	1806.8	1801.6	1790.0	1782.3	1765.5
167.5°	1808.1	1804.2	1801.6	1797.8	1791.3	1792.6	1790.0	1787.4	1778.4	1774.5	1757.7
170°	1786.1	1784.9	1781.0	1778.4	1774.5	1775.8	1774.5	1771.9	1764.2	1761.6	1747.4
172.5°	1765.5	1761.6	1760.3	1757.7	1753.9	1752.6	1753.9	1751.3	1747.4	1748.7	1734.5
175°	1737.1	1733.2	1733.2	1730.6	1728.0	1729.3	1730.6	1731.9	1726.7	1731.9	1719.0
177.5°	1702.2	1699.6	1702.2	1704.8	1703.5	1706.1	1707.4	1708.7	1706.1	1711.2	1699.6
180°	1676.4	1676.4	1676.4	1676.4	1676.4	1676.4	1676.4	1676.4	1676.4	1676.4	1676.4



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	647.0	647.0	647.0	647.0	647.0	647.0	647.0	647.0	647.0	647.0	647.0
2.5°	643.2	643.2	643.2	643.2	643.2	643.2	643.2	645.8	649.6	650.9	649.6
5°	640.6	641.9	640.6	641.9	641.9	641.9	641.9	644.5	647.0	648.3	647.0
7.5°	636.7	638.0	636.7	636.7	638.0	636.7	638.0	639.3	641.9	643.2	641.9
10°	630.3	630.3	630.3	631.5	631.5	631.5	631.5	634.1	636.7	636.7	635.4
12.5°	621.2	622.5	622.5	623.8	623.8	622.5	623.8	626.4	627.7	629.0	627.7
15°	612.2	612.2	612.2	613.5	613.5	613.5	613.5	616.0	618.6	619.9	618.6
17.5°	598.0	599.3	599.3	600.5	600.5	601.8	600.5	604.4	605.7	607.0	605.7
20°	585.0	585.0	586.3	586.3	587.6	587.6	587.6	590.2	592.8	594.1	592.8
22.5°	569.6	570.8	570.8	572.1	573.4	572.1	573.4	576.0	577.3	578.6	578.6
25°	552.8	554.1	554.1	556.6	556.6	556.6	556.6	559.2	561.8	564.4	563.1
27.5°	536.0	536.0	537.3	539.8	539.8	541.1	541.1	543.7	546.3	547.6	546.3
30°	517.9	517.9	519.2	520.5	521.8	521.8	523.1	525.6	528.2	530.8	528.2
32.5°	499.8	498.5	501.1	502.4	503.7	503.7	503.7	507.6	508.9	511.4	510.1
35°	479.1	477.9	480.4	481.7	483.0	483.0	485.6	486.9	489.5	490.8	489.5
37.5°	459.8	458.5	461.1	462.4	462.4	463.6	464.9	467.5	470.1	471.4	471.4
40°	439.1	437.8	439.1	441.7	441.7	443.0	444.3	445.6	446.9	450.7	449.4
42.5°	418.4	417.2	418.4	419.7	421.0	421.0	423.6	423.6	427.5	427.5	427.5
45°	393.9	395.2	396.5	399.1	399.1	397.8	400.4	401.7	405.5	405.5	404.2
47.5°	372.0	373.2	373.2	377.1	377.1	375.8	378.4	379.7	382.3	383.6	382.3
50°	348.7	350.0	351.3	353.9	353.9	353.9	355.2	357.7	359.0	359.0	359.0
52.5°	321.6	322.9	325.5	329.3	329.3	329.3	331.9	331.9	334.5	334.5	335.8
55°	298.3	299.6	302.2	304.8	304.8	306.1	307.4	308.7	310.0	308.7	310.0
57.5°	275.1	277.7	280.3	281.5	281.5	282.8	284.1	285.4	286.7	286.7	286.7
60°	251.8	253.1	254.4	258.3	258.3	259.6	260.9	262.2	262.2	263.5	263.5
62.5°	228.6	231.2	232.5	233.8	236.3	235.1	237.6	237.6	238.9	240.2	240.2
65°	204.1	205.3	207.9	210.5	210.5	211.8	214.4	214.4	215.7	217.0	217.0
67.5°	180.8	184.7	184.7	187.3	188.6	188.6	189.9	192.4	192.4	193.7	193.7
70°	156.3	160.1	161.4	162.7	164.0	165.3	166.6	167.9	169.2	170.5	170.5
72.5°	134.3	136.9	138.2	139.5	140.8	140.8	143.4	143.4	145.9	147.2	147.2
75°	109.8	112.4	113.7	116.2	117.5	118.8	120.1	120.1	122.7	125.3	124.0
77.5°	89.1	90.4	91.7	93.0	94.3	95.6	96.9	98.2	99.4	100.7	100.7
80°	67.2	68.4	68.4	71.0	72.3	73.6	74.9	76.2	76.2	77.5	78.8
82.5°	45.2	46.5	47.8	49.1	50.4	51.7	53.0	54.2	54.2	55.5	55.5
85°	24.5	25.8	27.1	28.4	29.7	31.0	32.3	33.6	33.6	34.9	34.9
87.5°	5.2	6.5	7.7	9.0	10.3	11.6	12.9	14.2	14.2	15.5	15.5
90°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.3	1.3
92.5°	6.5	7.7	7.7	10.3	11.6	12.9	15.5	18.1	15.5	12.9	14.2
95°	15.5	19.4	23.2	31.0	36.2	41.3	49.1	49.1	40.0	34.9	32.3
97.5°	31.0	38.7	51.7	69.7	81.4	89.1	98.2	93.0	77.5	64.6	58.1
100°	55.5	74.9	99.4	139.5	156.3	165.3	167.9	153.7	127.9	107.2	93.0
102.5°	99.4	144.6	200.2	250.6	266.0	268.6	251.8	226.0	191.1	160.1	138.2
105°	197.6	285.4	355.2	397.8	402.9	393.9	355.2	313.8	267.3	226.0	192.4
107.5°	417.2	507.6	543.7	546.3	534.7	512.7	463.6	415.9	351.3	300.9	257.0
110°	691.0	721.9	706.5	675.5	652.2	617.3	560.5	507.6	439.1	386.2	333.2





TEST NUMBER: P303242

CATALOG NUMBER: CTW-F-7525-50L935-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	893.7	878.2	836.9	781.4	749.1	718.1	658.7	600.5	526.9	471.4	414.6
115°	1031.9	990.6	937.6	875.6	839.5	811.1	751.7	681.9	612.2	555.3	495.9
117.5°	1131.4	1075.8	1021.6	963.5	929.9	897.6	836.9	768.4	694.8	639.3	578.6
120°	1207.6	1154.6	1097.8	1042.2	1007.4	980.2	919.5	847.2	777.5	716.8	662.5
122.5°	1277.3	1223.1	1170.1	1117.1	1086.2	1055.2	989.3	919.5	852.4	796.9	740.0
125°	1340.6	1286.3	1236.0	1185.6	1152.0	1119.7	1055.2	990.6	926.0	867.9	817.5
127.5°	1398.7	1348.3	1296.7	1248.9	1214.0	1181.7	1119.7	1056.4	998.3	941.5	891.1
130°	1450.4	1405.2	1354.8	1307.0	1270.8	1239.8	1180.4	1121.0	1065.5	1011.2	959.6
132.5°	1498.1	1455.5	1407.7	1356.1	1321.2	1294.1	1238.5	1181.7	1131.4	1081.0	1028.0
135°	1543.3	1498.1	1451.6	1401.3	1369.0	1344.5	1288.9	1236.0	1189.5	1143.0	1093.9
137.5°	1586.0	1534.3	1490.4	1441.3	1412.9	1389.7	1339.3	1290.2	1246.3	1198.5	1154.6
140°	1618.3	1569.2	1524.0	1477.5	1454.2	1433.6	1384.5	1339.3	1299.2	1255.3	1212.7
142.5°	1646.7	1597.6	1557.5	1512.3	1490.4	1472.3	1427.1	1385.8	1349.6	1309.6	1267.0
145°	1668.6	1623.4	1587.3	1545.9	1526.6	1508.5	1464.6	1428.4	1394.8	1354.8	1317.3
147.5°	1689.3	1648.0	1614.4	1575.6	1560.1	1542.1	1502.0	1469.7	1438.7	1403.9	1366.4
150°	1706.1	1669.9	1637.6	1602.8	1588.5	1571.8	1535.6	1505.9	1477.5	1447.8	1412.9
152.5°	1719.0	1688.0	1659.6	1627.3	1614.4	1598.9	1567.9	1542.1	1516.2	1487.8	1455.5
155°	1728.0	1703.5	1677.7	1650.5	1636.3	1624.7	1595.0	1573.0	1551.1	1524.0	1494.3
157.5°	1737.1	1715.1	1689.3	1666.0	1655.7	1642.8	1618.3	1600.2	1580.8	1557.5	1530.4
160°	1740.9	1722.9	1699.6	1680.2	1671.2	1660.9	1637.6	1623.4	1606.6	1587.3	1562.7
162.5°	1742.2	1726.7	1707.4	1691.9	1684.1	1675.1	1654.4	1642.8	1629.9	1613.1	1589.8
165°	1742.2	1729.3	1713.8	1700.9	1694.4	1686.7	1668.6	1659.6	1648.0	1635.0	1614.4
167.5°	1738.4	1728.0	1715.1	1704.8	1699.6	1691.9	1679.0	1673.8	1664.7	1654.4	1637.6
170°	1731.9	1724.2	1713.8	1707.4	1702.2	1695.7	1686.7	1682.8	1679.0	1671.2	1654.4
172.5°	1722.9	1716.4	1708.7	1704.8	1702.2	1697.0	1688.0	1689.3	1686.7	1680.2	1668.6
175°	1709.9	1706.1	1702.2	1699.6	1697.0	1693.2	1688.0	1690.6	1691.9	1689.3	1679.0
177.5°	1693.2	1691.9	1690.6	1690.6	1686.7	1686.7	1684.1	1689.3	1694.4	1694.4	1686.7
180°	1676.4	1676.4	1676.4	1676.4	1676.4	1676.4	1676.4	1676.4	1676.4	1676.4	1676.4



TEST NUMBER: P303242

CATALOG NUMBER: CTW-F-7525-50L935-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	647.0	647.0	647.0	647.0	647.0	647.0	647.0	647.0	647.0	647.0	647.0
2.5°	647.0	644.5	643.2	643.2	643.2	641.9	641.9	643.2	645.8	649.6	645.8
5°	645.8	641.9	641.9	641.9	641.9	640.6	639.3	640.6	643.2	647.0	643.2
7.5°	640.6	638.0	636.7	636.7	636.7	635.4	635.4	635.4	638.0	641.9	638.0
10°	634.1	631.5	631.5	631.5	630.3	629.0	629.0	629.0	632.8	635.4	631.5
12.5°	626.4	623.8	623.8	622.5	622.5	621.2	619.9	621.2	625.1	626.4	623.8
15°	616.0	613.5	613.5	613.5	612.2	612.2	610.9	610.9	614.8	616.0	613.5
17.5°	604.4	601.8	600.5	601.8	600.5	599.3	599.3	599.3	601.8	603.1	599.3
20°	590.2	587.6	587.6	586.3	586.3	585.0	585.0	585.0	588.9	587.6	585.0
22.5°	576.0	573.4	573.4	572.1	572.1	570.8	569.6	569.6	574.7	570.8	569.6
25°	560.5	557.9	557.9	556.6	555.3	554.1	554.1	554.1	556.6	554.1	552.8
27.5°	545.0	542.4	542.4	541.1	539.8	537.3	537.3	537.3	541.1	537.3	537.3
30°	525.6	524.3	524.3	523.1	520.5	519.2	519.2	520.5	523.1	519.2	517.9
32.5°	507.6	505.0	505.0	505.0	502.4	501.1	501.1	502.4	503.7	499.8	498.5
35°	486.9	485.6	485.6	484.3	481.7	481.7	480.4	481.7	481.7	479.1	477.9
37.5°	467.5	466.2	464.9	464.9	462.4	462.4	462.4	463.6	462.4	459.8	458.5
40°	446.9	445.6	444.3	443.0	441.7	441.7	441.7	444.3	441.7	439.1	437.8
42.5°	426.2	424.9	423.6	422.3	421.0	421.0	421.0	422.3	419.7	418.4	417.2
45°	402.9	402.9	401.7	400.4	400.4	400.4	399.1	400.4	397.8	396.5	393.9
47.5°	381.0	381.0	379.7	379.7	378.4	378.4	378.4	378.4	375.8	375.8	373.2
50°	359.0	357.7	356.5	357.7	357.7	356.5	356.5	355.2	353.9	353.9	350.0
52.5°	334.5	335.8	331.9	333.2	334.5	331.9	331.9	330.6	330.6	328.0	325.5
55°	310.0	310.0	310.0	310.0	311.3	308.7	307.4	306.1	307.4	304.8	302.2
57.5°	286.7	286.7	286.7	286.7	288.0	285.4	284.1	285.4	284.1	281.5	280.3
60°	264.8	263.5	263.5	263.5	264.8	262.2	262.2	260.9	260.9	257.0	257.0
62.5°	241.5	240.2	241.5	240.2	241.5	240.2	237.6	238.9	237.6	235.1	233.8
65°	218.3	217.0	218.3	217.0	217.0	215.7	214.4	214.4	213.1	211.8	210.5
67.5°	195.0	193.7	193.7	193.7	195.0	192.4	193.7	191.1	189.9	189.9	187.3
70°	170.5	170.5	170.5	169.2	170.5	167.9	167.9	167.9	166.6	165.3	164.0
72.5°	148.5	147.2	147.2	145.9	147.2	145.9	144.6	144.6	143.4	143.4	142.1
75°	124.0	124.0	124.0	124.0	124.0	122.7	121.4	121.4	120.1	120.1	118.8
77.5°	100.7	100.7	100.7	100.7	100.7	100.7	98.2	98.2	98.2	98.2	95.6
80°	78.8	78.8	78.8	77.5	78.8	77.5	76.2	76.2	76.2	74.9	73.6
82.5°	56.8	56.8	56.8	55.5	56.8	55.5	55.5	54.2	53.0	53.0	50.4
85°	34.9	36.2	36.2	34.9	34.9	34.9	34.9	32.3	31.0	31.0	29.7
87.5°	15.5	15.5	15.5	14.2	14.2	14.2	12.9	12.9	11.6	11.6	11.6
90°	2.6	3.9	5.2	6.5	6.5	7.7	9.0	9.0	9.0	9.0	10.3
92.5°	20.7	27.1	28.4	31.0	29.7	31.0	31.0	29.7	31.0	28.4	29.7
95°	36.2	41.3	50.4	55.5	59.4	65.9	68.4	67.2	64.6	63.3	64.6
97.5°	56.8	62.0	65.9	67.2	69.7	78.8	87.8	94.3	99.4	102.0	104.6
100°	87.8	83.9	89.1	93.0	95.6	94.3	98.2	105.9	112.4	117.5	122.7
102.5°	126.6	116.2	112.4	114.9	118.8	126.6	126.6	125.3	127.9	131.7	139.5
105°	171.8	157.6	147.2	145.9	145.9	151.1	160.1	164.0	156.3	156.3	158.9
107.5°	227.3	204.1	188.6	183.4	182.1	179.5	186.0	196.3	202.8	201.5	193.7
110°	290.6	259.6	237.6	228.6	223.4	215.7	217.0	220.8	228.6	238.9	245.4



TEST NUMBER: P303242

CATALOG NUMBER: CTW-F-7525-50L935-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	365.5	326.7	293.2	281.5	268.6	258.3	250.6	251.8	255.7	263.5	272.5
115°	444.3	400.4	357.7	342.2	326.7	303.5	290.6	286.7	288.0	290.6	295.8
117.5°	524.3	476.6	428.8	409.4	391.3	364.2	339.7	326.7	321.6	320.3	325.5
120°	605.7	552.8	506.3	484.3	462.4	431.4	399.1	374.5	364.2	356.5	356.5
122.5°	685.8	634.1	582.5	560.5	536.0	499.8	464.9	433.9	413.3	397.8	391.3
125°	762.0	714.2	660.0	639.3	613.5	573.4	534.7	502.4	475.3	450.7	435.2
127.5°	836.9	790.4	736.2	715.5	692.2	649.6	613.5	574.7	546.3	515.3	492.1
130°	910.5	864.0	812.4	791.7	769.7	728.4	685.8	648.3	619.9	588.9	563.1
132.5°	980.2	933.8	887.3	864.0	842.1	803.3	762.0	724.5	693.5	663.8	639.3
135°	1048.7	999.6	955.7	933.8	911.8	875.6	836.9	802.0	768.4	737.4	712.9
137.5°	1110.7	1065.5	1022.9	1000.9	980.2	945.4	911.8	879.5	845.9	813.6	786.5
140°	1170.1	1126.2	1086.2	1066.8	1046.1	1011.2	981.5	953.1	922.1	884.7	861.4
142.5°	1226.9	1183.0	1148.1	1128.8	1106.8	1077.1	1047.4	1021.6	995.7	963.5	936.3
145°	1279.9	1236.0	1203.7	1186.9	1166.2	1137.8	1109.4	1086.2	1065.5	1033.2	1008.7
147.5°	1330.2	1290.2	1259.2	1241.1	1224.3	1197.2	1170.1	1148.1	1133.9	1101.7	1078.4
150°	1379.3	1338.0	1310.9	1294.1	1277.3	1252.8	1228.2	1207.6	1194.6	1167.5	1145.6
152.5°	1423.2	1385.8	1361.2	1345.7	1330.2	1305.7	1282.5	1263.1	1254.0	1225.6	1212.7
155°	1465.9	1429.7	1407.7	1394.8	1379.3	1352.2	1334.1	1314.7	1310.9	1286.3	1268.3
157.5°	1503.3	1471.0	1449.1	1436.1	1423.2	1400.0	1381.9	1366.4	1362.5	1340.6	1323.8
160°	1535.6	1507.2	1487.8	1477.5	1465.9	1442.6	1425.8	1412.9	1407.7	1392.2	1376.7
162.5°	1567.9	1540.8	1524.0	1513.6	1504.6	1482.6	1468.4	1455.5	1451.6	1441.3	1425.8
165°	1595.0	1570.5	1555.0	1547.2	1539.5	1520.1	1507.2	1495.6	1494.3	1486.5	1469.7
167.5°	1619.5	1597.6	1584.7	1578.2	1570.5	1553.7	1543.3	1533.0	1531.7	1530.4	1512.3
170°	1638.9	1620.8	1609.2	1604.0	1598.9	1583.4	1574.3	1566.6	1566.6	1567.9	1552.4
172.5°	1655.7	1640.2	1632.5	1626.0	1623.4	1609.2	1602.8	1596.3	1598.9	1601.5	1587.3
175°	1668.6	1655.7	1648.0	1645.4	1642.8	1631.2	1627.3	1624.7	1628.6	1633.7	1619.5
177.5°	1680.2	1668.6	1664.7	1662.2	1660.9	1651.8	1650.5	1648.0	1653.1	1660.9	1649.2
180°	1676.4	1676.4	1676.4	1676.4	1676.4	1676.4	1676.4	1676.4	1676.4	1676.4	1676.4



TEST NUMBER: P303242

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**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	647.0	647.0	647.0	647.0	647.0	647.0	647.0	647.0
2.5°	647.0	647.0	647.0	645.8	644.5	643.2	640.6	640.6
5°	644.5	644.5	643.2	643.2	641.9	641.9	640.6	641.9
7.5°	639.3	639.3	638.0	638.0	638.0	638.0	636.7	638.0
10°	632.8	632.8	630.3	630.3	630.3	630.3	630.3	630.3
12.5°	623.8	622.5	622.5	621.2	621.2	622.5	622.5	622.5
15°	613.5	613.5	612.2	610.9	612.2	612.2	612.2	612.2
17.5°	600.5	599.3	599.3	598.0	599.3	599.3	598.0	599.3
20°	585.0	583.8	583.8	582.5	583.8	582.5	582.5	582.5
22.5°	568.3	567.0	567.0	565.7	567.0	567.0	567.0	567.0
25°	551.5	550.2	548.9	548.9	548.9	548.9	548.9	548.9
27.5°	534.7	533.4	532.1	532.1	532.1	530.8	530.8	529.5
30°	515.3	515.3	512.7	512.7	512.7	511.4	511.4	510.1
32.5°	497.2	495.9	494.6	493.4	493.4	492.1	490.8	490.8
35°	476.6	475.3	474.0	472.7	472.7	471.4	470.1	471.4
37.5°	457.2	455.9	453.3	453.3	453.3	450.7	450.7	449.4
40°	435.2	432.7	432.7	432.7	431.4	430.1	430.1	428.8
42.5°	413.3	412.0	410.7	410.7	410.7	408.1	408.1	408.1
45°	392.6	391.3	391.3	388.7	388.7	386.2	386.2	387.5
47.5°	369.4	369.4	369.4	368.1	366.8	365.5	365.5	365.5
50°	347.4	347.4	344.8	344.8	344.8	343.5	342.2	342.2
52.5°	322.9	321.6	321.6	320.3	319.0	319.0	319.0	319.0
55°	299.6	299.6	299.6	298.3	297.0	297.0	295.8	297.0
57.5°	277.7	277.7	277.7	276.4	275.1	275.1	273.8	275.1
60°	255.7	254.4	254.4	253.1	251.8	253.1	251.8	251.8
62.5°	232.5	231.2	232.5	231.2	229.9	228.6	228.6	229.9
65°	210.5	209.2	209.2	207.9	206.6	206.6	206.6	206.6
67.5°	187.3	186.0	186.0	184.7	184.7	184.7	184.7	184.7
70°	164.0	162.7	162.7	161.4	161.4	161.4	161.4	161.4
72.5°	142.1	140.8	140.8	139.5	139.5	139.5	139.5	139.5
75°	118.8	117.5	117.5	117.5	117.5	116.2	116.2	116.2
77.5°	96.9	95.6	95.6	95.6	94.3	94.3	94.3	94.3
80°	74.9	73.6	73.6	73.6	72.3	72.3	72.3	71.0
82.5°	51.7	50.4	50.4	51.7	49.1	50.4	49.1	49.1
85°	29.7	28.4	28.4	28.4	28.4	28.4	28.4	27.1
87.5°	11.6	10.3	10.3	11.6	10.3	11.6	11.6	11.6
90°	10.3	10.3	11.6	11.6	12.9	12.9	14.2	14.2
92.5°	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
95°	63.3	63.3	63.3	63.3	63.3	63.3	63.3	62.0
97.5°	105.9	104.6	104.6	104.6	104.6	103.3	102.0	102.0
100°	126.6	130.4	131.7	133.0	134.3	135.6	136.9	135.6
102.5°	144.6	147.2	148.5	149.8	151.1	152.4	153.7	153.7
105°	161.4	162.7	164.0	166.6	170.5	174.4	175.6	175.6
107.5°	193.7	193.7	195.0	196.3	195.0	196.3	196.3	196.3
110°	245.4	237.6	236.3	233.8	229.9	231.2	231.2	231.2



TEST NUMBER: P303242

CATALOG NUMBER: CTW-F-7525-50L935-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	279.0	284.1	286.7	286.7	286.7	288.0	284.1	282.8
115°	304.8	310.0	312.5	313.8	317.7	321.6	322.9	322.9
117.5°	330.6	337.1	339.7	341.0	344.8	348.7	350.0	350.0
120°	359.0	361.6	364.2	364.2	368.1	370.7	372.0	372.0
122.5°	387.5	387.5	390.0	390.0	392.6	392.6	395.2	393.9
125°	424.9	419.7	421.0	417.2	418.4	418.4	418.4	417.2
127.5°	475.3	463.6	462.4	457.2	453.3	452.0	449.4	448.2
130°	538.6	520.5	515.3	508.9	502.4	498.5	490.8	492.1
132.5°	612.2	588.9	582.5	574.7	565.7	556.6	551.5	551.5
135°	688.4	665.1	657.4	648.3	638.0	627.7	622.5	622.5
137.5°	762.0	741.3	733.6	725.8	714.2	706.5	696.1	698.7
140°	839.5	816.2	808.5	800.7	793.0	778.8	774.9	778.8
142.5°	914.4	889.8	883.4	875.6	867.9	857.6	849.8	853.7
145°	988.0	963.5	957.0	949.3	942.8	928.6	927.3	927.3
147.5°	1060.3	1038.4	1031.9	1024.2	1017.7	1007.4	1002.2	1003.5
150°	1128.8	1109.4	1102.9	1095.2	1088.7	1075.8	1071.9	1075.8
152.5°	1194.6	1176.6	1170.1	1162.4	1157.2	1145.6	1143.0	1146.9
155°	1255.3	1237.3	1232.1	1224.3	1220.5	1211.4	1211.4	1212.7
157.5°	1312.2	1298.0	1291.5	1286.3	1282.5	1272.1	1272.1	1276.0
160°	1367.7	1354.8	1350.9	1343.2	1339.3	1331.5	1330.2	1329.0
162.5°	1420.7	1409.0	1403.9	1398.7	1394.8	1388.4	1385.8	1385.8
165°	1463.3	1455.5	1450.4	1447.8	1445.2	1440.0	1437.4	1437.4
167.5°	1509.8	1499.4	1495.6	1490.4	1489.1	1485.2	1483.9	1487.8
170°	1547.2	1542.1	1536.9	1533.0	1530.4	1527.8	1526.6	1530.4
172.5°	1584.7	1579.5	1576.9	1573.0	1571.8	1570.5	1570.5	1574.3
175°	1619.5	1615.7	1611.8	1607.9	1607.9	1605.3	1606.6	1609.2
177.5°	1650.5	1648.0	1646.7	1642.8	1640.2	1637.6	1636.3	1636.3
180°	1676.4	1676.4	1676.4	1676.4	1676.4	1676.4	1676.4	1676.4

(END OF REPORT)