

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: P303241

Luminaire Tested: **CTW-F-7525-50L930-UNV-STD-6**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P303241  
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-7525-50L930-UNV-STD-6  
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE  
75% UPLIGHT, 25% DOWNLIGHT, 5000 LUMEN PACKAGE  
Light Source: 3000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6237.3 lumens  
Efficiency: N/A  
Efficacy: 113.0 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

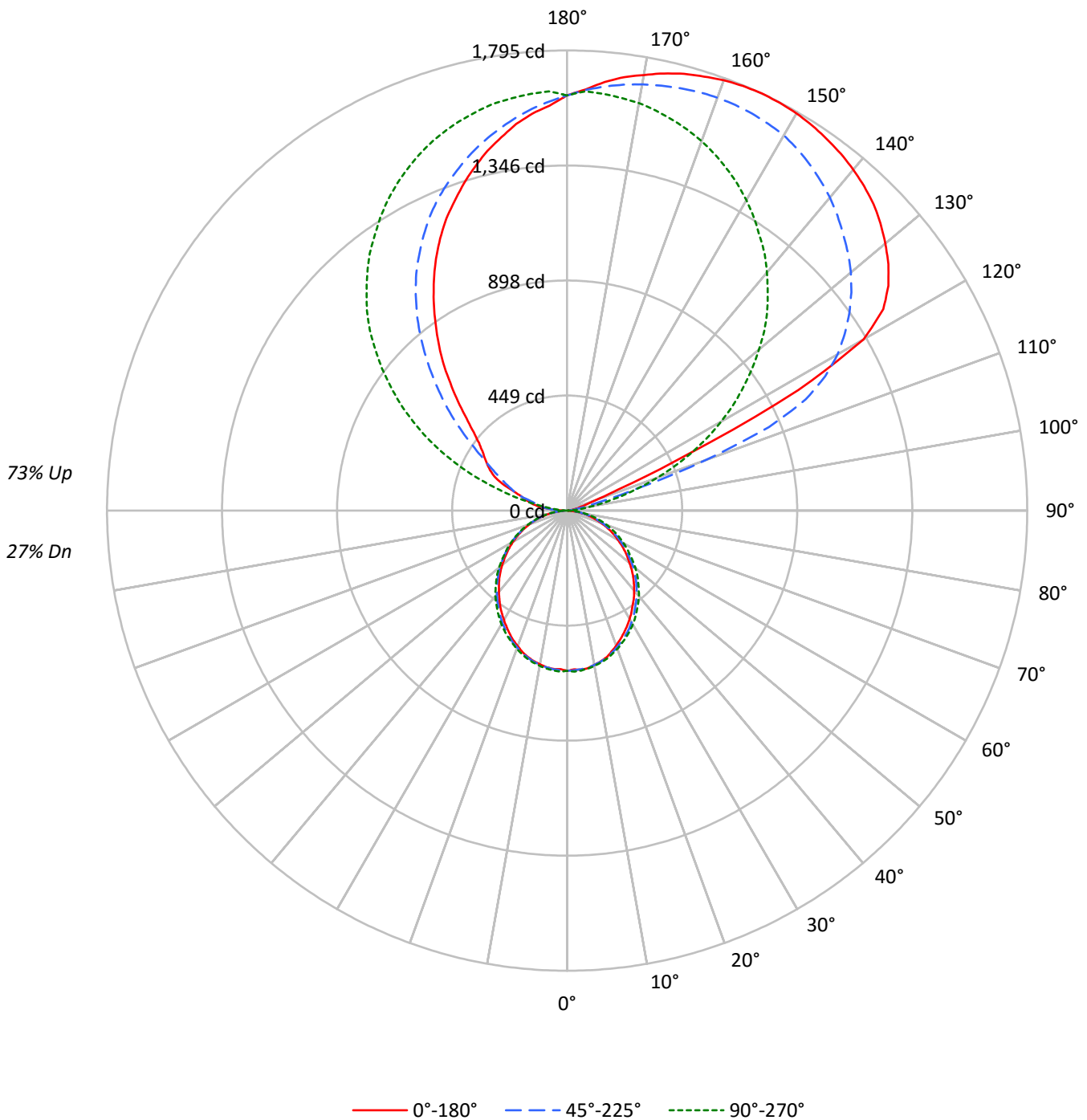
Input Watts (W): 55.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	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°	8970	8970	8970
5°	8970	9023	8934
10°	8909	8964	8872
15°	8805	8897	8787
20°	8556	8765	8594
25°	8317	8634	8396
30°	8084	8498	8167
35°	7825	8306	7979
40°	7620	8157	7760
45°	7394	7950	7597
50°	7076	7743	7381
55°	6868	7461	7179
60°	6590	7305	6984
65°	6313	7118	6778
70°	5917	6911	6542
75°	5468	6710	6227
80°	4537	6190	5670
85°	2470	5549	4314



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	59.0	0.9
10°-20°	166.9	2.7
20°-30°	246.3	3.9
30°-40°	289.0	4.6
40°-50°	293.1	4.7
50°-60°	259.8	4.2
60°-70°	198.8	3.2
70°-80°	118.0	1.9
80°-90°	32.7	0.5
90°-100°	45.6	0.7
100°-110°	193.9	3.1
110°-120°	551.9	8.8
120°-130°	806.6	12.9
130°-140°	870.2	14.0
140°-150°	828.3	13.3
150°-160°	679.7	10.9
160°-170°	443.8	7.1
170°-180°	153.8	2.5
0°-30°	472.2	7.6
0°-40°	761.2	12.2
0°-60°	1314.1	21.1
0°-90°	1663.6	26.7
90°-120°	791.4	12.7
90°-150°	3296.5	52.9
90°-180°	4574.0	73.3
0°-180°	6237.3	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	625	625	625	625	625	
5°	623	621	626	621	620	59
15°	593	594	599	594	591	166
25°	525	538	545	538	530	242
35°	447	463	474	465	455	280
45°	364	379	392	384	374	280
55°	274	287	298	297	287	245
65°	186	196	210	206	200	184
75°	99	105	121	116	112	103
85°	15	22	34	30	26	21
90°	2	2	1	9	14	2
95°	11	14	34	62	60	12
105°	54	136	218	151	170	63
115°	522	1027	536	278	312	606
125°	1530	1344	838	459	403	1354
135°	1690	1523	1104	742	601	1304
145°	1768	1649	1309	1029	896	1109
155°	1795	1708	1472	1266	1172	830
165°	1764	1706	1580	1444	1389	500
175°	1678	1661	1632	1573	1554	162
180°	1619	1619	1619	1619	1619	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	625.0	625.0	625.0	625.0	625.0	625.0	625.0	625.0	625.0	625.0	625.0
2.5°	620.1	620.1	621.3	623.8	623.8	623.8	625.0	626.3	625.0	627.5	623.8
5°	622.6	621.3	621.3	621.3	621.3	622.6	622.6	623.8	622.6	625.0	621.3
7.5°	620.1	618.8	618.8	617.6	616.3	616.3	617.6	618.8	617.6	620.1	617.6
10°	611.3	610.1	611.3	610.1	610.1	611.3	611.3	611.3	612.6	613.8	611.3
12.5°	602.6	602.6	601.3	601.3	601.3	601.3	602.6	603.8	603.8	605.1	603.8
15°	592.6	590.1	591.4	592.6	591.4	592.6	592.6	593.9	593.9	595.1	593.9
17.5°	576.4	576.4	577.6	578.9	578.9	578.9	580.1	580.1	581.4	582.6	581.4
20°	560.2	560.2	560.2	562.7	562.7	562.7	563.9	565.2	566.4	567.7	567.7
22.5°	542.7	542.7	542.7	545.2	545.2	545.2	547.7	548.9	550.2	551.4	552.7
25°	525.2	525.2	526.5	527.7	527.7	527.7	530.2	531.5	532.7	534.0	537.7
27.5°	506.5	506.5	507.8	509.0	510.3	511.5	512.8	514.0	516.5	517.8	521.5
30°	487.8	486.6	487.8	490.3	491.6	491.6	494.0	495.3	497.8	499.0	502.8
32.5°	467.8	466.6	467.8	470.3	471.6	471.6	474.1	475.3	477.8	479.1	484.1
35°	446.6	446.6	449.1	449.1	450.4	451.6	452.9	455.4	457.9	459.1	462.9
37.5°	427.9	426.7	429.2	429.2	430.4	431.7	432.9	435.4	437.9	440.4	442.9
40°	406.7	404.2	406.7	408.0	409.2	410.5	411.7	413.0	416.7	419.2	421.7
42.5°	385.5	383.0	385.5	386.8	389.3	389.3	389.3	391.7	395.5	398.0	400.5
45°	364.3	361.8	364.3	364.3	366.8	368.0	368.0	369.3	373.0	375.5	379.3
47.5°	341.8	341.8	343.1	344.3	345.6	345.6	346.8	348.1	350.6	355.6	356.8
50°	316.9	316.9	318.1	320.6	321.9	324.4	324.4	325.6	328.1	331.9	334.4
52.5°	295.7	294.4	295.7	296.9	298.2	299.4	299.4	300.7	303.2	306.9	309.4
55°	274.5	274.5	274.5	275.7	277.0	277.0	278.2	279.5	280.7	283.2	286.9
57.5°	252.0	252.0	253.3	253.3	254.5	254.5	255.8	257.0	258.3	260.7	264.5
60°	229.6	230.8	229.6	230.8	232.1	232.1	233.3	234.5	235.8	238.3	242.0
62.5°	208.3	208.3	208.3	208.3	209.6	209.6	210.8	212.1	214.6	215.8	218.3
65°	185.9	185.9	185.9	185.9	188.4	188.4	188.4	190.9	192.1	192.1	195.9
67.5°	163.4	164.7	163.4	164.7	165.9	165.9	165.9	168.4	169.7	170.9	172.2
70°	141.0	142.2	142.2	142.2	143.5	143.5	143.5	146.0	147.2	148.5	149.7
72.5°	119.8	119.8	121.0	121.0	121.0	121.0	122.3	123.5	124.8	126.0	127.3
75°	98.6	98.6	98.6	98.6	99.8	99.8	99.8	102.3	103.6	104.8	104.8
77.5°	76.1	77.4	76.1	76.1	77.4	77.4	78.6	79.8	81.1	83.6	84.8
80°	54.9	54.9	56.1	56.1	57.4	56.1	57.4	58.6	59.9	62.4	62.4
82.5°	34.9	34.9	34.9	36.2	36.2	37.4	37.4	37.4	38.7	41.2	42.4
85°	15.0	15.0	15.0	15.0	17.5	17.5	17.5	18.7	20.0	21.2	22.5
87.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.7	3.7
90°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
92.5°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
95°	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	12.5	12.5	13.7
97.5°	17.5	17.5	17.5	17.5	17.5	18.7	18.7	20.0	21.2	22.5	25.0
100°	26.2	26.2	27.4	27.4	27.4	28.7	28.7	31.2	33.7	37.4	43.7
102.5°	38.7	37.4	38.7	38.7	39.9	41.2	42.4	46.2	51.2	59.9	73.6
105°	53.6	52.4	53.6	54.9	57.4	59.9	62.4	69.9	81.1	101.1	136.0
107.5°	76.1	74.9	77.4	81.1	86.1	92.3	98.6	112.3	147.2	203.4	286.9
110°	112.3	117.3	122.3	133.5	149.7	167.2	178.4	238.3	311.9	432.9	571.4



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	215.8	232.1	247.0	284.5	336.9	385.5	414.2	547.7	660.0	778.5	852.1
115°	521.5	560.2	572.6	667.5	747.3	813.4	842.1	951.9	1000.6	1024.3	1026.8
117.5°	1016.8	1053.0	1053.0	1109.1	1154.0	1175.2	1177.7	1189.0	1180.2	1165.3	1135.3
120°	1334.9	1337.4	1342.4	1341.2	1342.4	1339.9	1331.2	1315.0	1285.0	1253.8	1217.7
122.5°	1462.2	1459.7	1455.9	1444.7	1432.2	1424.8	1411.0	1387.3	1357.4	1321.2	1283.8
125°	1529.6	1525.8	1520.8	1509.6	1493.4	1487.1	1470.9	1444.7	1414.8	1379.8	1343.7
127.5°	1579.5	1575.7	1569.5	1559.5	1543.3	1535.8	1520.8	1493.4	1464.7	1433.5	1397.3
130°	1620.6	1616.9	1610.6	1604.4	1589.4	1579.5	1565.7	1538.3	1512.1	1479.6	1444.7
132.5°	1658.1	1653.1	1646.8	1641.8	1626.9	1619.4	1604.4	1579.5	1553.3	1522.1	1485.9
135°	1690.5	1684.3	1676.8	1671.8	1658.1	1649.3	1635.6	1613.1	1588.2	1558.2	1523.3
137.5°	1715.4	1709.2	1703.0	1695.5	1684.3	1671.8	1664.3	1644.3	1619.4	1591.9	1560.7
140°	1736.7	1731.7	1725.4	1720.4	1708.0	1695.5	1688.0	1670.5	1646.8	1623.1	1594.4
142.5°	1754.1	1750.4	1744.1	1737.9	1726.7	1715.4	1709.2	1693.0	1674.3	1649.3	1623.1
145°	1767.8	1764.1	1759.1	1754.1	1742.9	1734.2	1726.7	1715.4	1696.7	1671.8	1649.3
147.5°	1780.3	1776.6	1772.8	1767.8	1756.6	1750.4	1744.1	1731.7	1713.0	1690.5	1671.8
150°	1789.1	1785.3	1781.6	1777.8	1766.6	1760.4	1756.6	1744.1	1727.9	1705.5	1690.5
152.5°	1794.0	1790.3	1786.6	1784.1	1772.8	1766.6	1762.9	1751.6	1735.4	1715.4	1700.5
155°	1795.3	1792.8	1789.1	1785.3	1774.1	1766.6	1765.3	1754.1	1740.4	1721.7	1708.0
157.5°	1792.8	1789.1	1785.3	1781.6	1770.3	1765.3	1762.9	1754.1	1741.6	1726.7	1713.0
160°	1786.6	1782.8	1781.6	1776.6	1767.8	1764.1	1761.6	1754.1	1742.9	1729.2	1714.2
162.5°	1775.3	1774.1	1772.8	1769.1	1762.9	1759.1	1757.9	1750.4	1739.1	1727.9	1711.7
165°	1764.1	1761.6	1759.1	1755.4	1750.4	1747.9	1745.4	1740.4	1729.2	1721.7	1705.5
167.5°	1746.6	1742.9	1740.4	1736.7	1730.4	1731.7	1729.2	1726.7	1717.9	1714.2	1698.0
170°	1725.4	1724.2	1720.4	1717.9	1714.2	1715.4	1714.2	1711.7	1704.2	1701.7	1688.0
172.5°	1705.5	1701.7	1700.5	1698.0	1694.2	1693.0	1694.2	1691.7	1688.0	1689.2	1675.5
175°	1678.0	1674.3	1674.3	1671.8	1669.3	1670.5	1671.8	1673.0	1668.0	1673.0	1660.6
177.5°	1644.3	1641.8	1644.3	1646.8	1645.6	1648.1	1649.3	1650.6	1648.1	1653.1	1641.8
180°	1619.4	1619.4	1619.4	1619.4	1619.4	1619.4	1619.4	1619.4	1619.4	1619.4	1619.4



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	625.0	625.0	625.0	625.0	625.0	625.0	625.0	625.0	625.0	625.0	625.0
2.5°	621.3	621.3	621.3	621.3	621.3	621.3	621.3	623.8	627.5	628.8	627.5
5°	618.8	620.1	618.8	620.1	620.1	620.1	620.1	622.6	625.0	626.3	625.0
7.5°	615.1	616.3	615.1	615.1	616.3	615.1	616.3	617.6	620.1	621.3	620.1
10°	608.8	608.8	608.8	610.1	610.1	610.1	610.1	612.6	615.1	615.1	613.8
12.5°	600.1	601.3	601.3	602.6	602.6	601.3	602.6	605.1	606.3	607.6	606.3
15°	591.4	591.4	591.4	592.6	592.6	592.6	592.6	595.1	597.6	598.8	597.6
17.5°	577.6	578.9	578.9	580.1	580.1	581.4	580.1	583.9	585.1	586.4	585.1
20°	565.2	565.2	566.4	566.4	567.7	567.7	567.7	570.2	572.6	573.9	572.6
22.5°	550.2	551.4	551.4	552.7	553.9	552.7	553.9	556.4	557.7	558.9	558.9
25°	534.0	535.2	535.2	537.7	537.7	537.7	537.7	540.2	542.7	545.2	544.0
27.5°	517.8	517.8	519.0	521.5	521.5	522.7	522.7	525.2	527.7	529.0	527.7
30°	500.3	500.3	501.5	502.8	504.0	504.0	505.3	507.8	510.3	512.8	510.3
32.5°	482.8	481.6	484.1	485.3	486.6	486.6	486.6	490.3	491.6	494.0	492.8
35°	462.9	461.6	464.1	465.4	466.6	466.6	469.1	470.3	472.8	474.1	472.8
37.5°	444.1	442.9	445.4	446.6	446.6	447.9	449.1	451.6	454.1	455.4	455.4
40°	424.2	422.9	424.2	426.7	426.7	427.9	429.2	430.4	431.7	435.4	434.2
42.5°	404.2	403.0	404.2	405.5	406.7	406.7	409.2	409.2	413.0	413.0	413.0
45°	380.5	381.8	383.0	385.5	385.5	384.3	386.8	388.0	391.7	391.7	390.5
47.5°	359.3	360.6	360.6	364.3	364.3	363.1	365.5	366.8	369.3	370.5	369.3
50°	336.9	338.1	339.3	341.8	341.8	341.8	343.1	345.6	346.8	346.8	346.8
52.5°	310.7	311.9	314.4	318.1	318.1	318.1	320.6	320.6	323.1	323.1	324.4
55°	288.2	289.4	291.9	294.4	294.4	295.7	296.9	298.2	299.4	298.2	299.4
57.5°	265.7	268.2	270.7	272.0	272.0	273.2	274.5	275.7	277.0	277.0	277.0
60°	243.3	244.5	245.8	249.5	249.5	250.8	252.0	253.3	253.3	254.5	254.5
62.5°	220.8	223.3	224.6	225.8	228.3	227.1	229.6	229.6	230.8	232.1	232.1
65°	197.1	198.4	200.9	203.4	203.4	204.6	207.1	207.1	208.3	209.6	209.6
67.5°	174.7	178.4	178.4	180.9	182.1	182.1	183.4	185.9	185.9	187.1	187.1
70°	151.0	154.7	155.9	157.2	158.4	159.7	160.9	162.2	163.4	164.7	164.7
72.5°	129.8	132.2	133.5	134.7	136.0	136.0	138.5	138.5	141.0	142.2	142.2
75°	106.0	108.5	109.8	112.3	113.5	114.8	116.0	116.0	118.5	121.0	119.8
77.5°	86.1	87.3	88.6	89.8	91.1	92.3	93.6	94.8	96.1	97.3	97.3
80°	64.9	66.1	66.1	68.6	69.9	71.1	72.4	73.6	73.6	74.9	76.1
82.5°	43.7	44.9	46.2	47.4	48.7	49.9	51.2	52.4	52.4	53.6	53.6
85°	23.7	25.0	26.2	27.4	28.7	29.9	31.2	32.4	32.4	33.7	33.7
87.5°	5.0	6.2	7.5	8.7	10.0	11.2	12.5	13.7	13.7	15.0	15.0
90°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.2	1.2
92.5°	6.2	7.5	7.5	10.0	11.2	12.5	15.0	17.5	15.0	12.5	13.7
95°	15.0	18.7	22.5	29.9	34.9	39.9	47.4	47.4	38.7	33.7	31.2
97.5°	29.9	37.4	49.9	67.4	78.6	86.1	94.8	89.8	74.9	62.4	56.1
100°	53.6	72.4	96.1	134.7	151.0	159.7	162.2	148.5	123.5	103.6	89.8
102.5°	96.1	139.7	193.4	242.0	257.0	259.5	243.3	218.3	184.6	154.7	133.5
105°	190.9	275.7	343.1	384.3	389.3	380.5	343.1	303.2	258.3	218.3	185.9
107.5°	403.0	490.3	525.2	527.7	516.5	495.3	447.9	401.7	339.3	290.7	248.3
110°	667.5	697.4	682.4	652.5	630.0	596.4	541.5	490.3	424.2	373.0	321.9





TEST NUMBER: P303241

CATALOG NUMBER: CTW-F-7525-50L930-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	863.3	848.4	808.4	754.8	723.6	693.7	636.3	580.1	509.0	455.4	400.5
115°	996.8	956.9	905.8	845.9	810.9	783.5	726.1	658.7	591.4	536.5	479.1
117.5°	1092.9	1039.2	986.8	930.7	898.3	867.1	808.4	742.3	671.2	617.6	558.9
120°	1166.5	1115.4	1060.5	1006.8	973.1	946.9	888.3	818.4	751.1	692.4	640.0
122.5°	1233.9	1181.5	1130.3	1079.2	1049.2	1019.3	955.7	888.3	823.4	769.8	714.9
125°	1295.0	1242.6	1194.0	1145.3	1112.9	1081.7	1019.3	956.9	894.5	838.4	789.7
127.5°	1351.1	1302.5	1252.6	1206.4	1172.7	1141.6	1081.7	1020.5	964.4	909.5	860.8
130°	1401.1	1357.4	1308.7	1262.6	1227.6	1197.7	1140.3	1082.9	1029.3	976.9	927.0
132.5°	1447.2	1406.0	1359.9	1310.0	1276.3	1250.1	1196.4	1141.6	1092.9	1044.2	993.1
135°	1490.9	1447.2	1402.3	1353.6	1322.5	1298.7	1245.1	1194.0	1149.0	1104.1	1056.7
137.5°	1532.0	1482.1	1439.7	1392.3	1364.9	1342.4	1293.8	1246.3	1203.9	1157.8	1115.4
140°	1563.2	1515.8	1472.2	1427.3	1404.8	1384.8	1337.4	1293.8	1255.1	1212.7	1171.5
142.5°	1590.7	1543.3	1504.6	1460.9	1439.7	1422.3	1378.6	1338.7	1303.7	1265.1	1223.9
145°	1611.9	1568.2	1533.3	1493.4	1474.7	1457.2	1414.8	1379.8	1347.4	1308.7	1272.5
147.5°	1631.9	1591.9	1559.5	1522.1	1507.1	1489.6	1451.0	1419.8	1389.8	1356.1	1320.0
150°	1648.1	1613.1	1582.0	1548.3	1534.5	1518.3	1483.4	1454.7	1427.3	1398.6	1364.9
152.5°	1660.6	1630.6	1603.2	1572.0	1559.5	1544.5	1514.6	1489.6	1464.7	1437.2	1406.0
155°	1669.3	1645.6	1620.6	1594.4	1580.7	1569.5	1540.8	1519.6	1498.4	1472.2	1443.5
157.5°	1678.0	1656.8	1631.9	1609.4	1599.4	1586.9	1563.2	1545.8	1527.1	1504.6	1478.4
160°	1681.8	1664.3	1641.8	1623.1	1614.4	1604.4	1582.0	1568.2	1552.0	1533.3	1509.6
162.5°	1683.0	1668.0	1649.3	1634.4	1626.9	1618.1	1598.2	1586.9	1574.5	1558.2	1535.8
165°	1683.0	1670.5	1655.6	1643.1	1636.8	1629.4	1611.9	1603.2	1591.9	1579.5	1559.5
167.5°	1679.3	1669.3	1656.8	1646.8	1641.8	1634.4	1621.9	1616.9	1608.2	1598.2	1582.0
170°	1673.0	1665.5	1655.6	1649.3	1644.3	1638.1	1629.4	1625.6	1621.9	1614.4	1598.2
172.5°	1664.3	1658.1	1650.6	1646.8	1644.3	1639.3	1630.6	1631.9	1629.4	1623.1	1611.9
175°	1651.8	1648.1	1644.3	1641.8	1639.3	1635.6	1630.6	1633.1	1634.4	1631.9	1621.9
177.5°	1635.6	1634.4	1633.1	1633.1	1629.4	1629.4	1626.9	1631.9	1636.8	1636.8	1629.4
180°	1619.4	1619.4	1619.4	1619.4	1619.4	1619.4	1619.4	1619.4	1619.4	1619.4	1619.4



TEST NUMBER: P303241

CATALOG NUMBER: CTW-F-7525-50L930-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	625.0	625.0	625.0	625.0	625.0	625.0	625.0	625.0	625.0	625.0	625.0
2.5°	625.0	622.6	621.3	621.3	621.3	620.1	620.1	621.3	623.8	627.5	623.8
5°	623.8	620.1	620.1	620.1	620.1	618.8	617.6	618.8	621.3	625.0	621.3
7.5°	618.8	616.3	615.1	615.1	615.1	613.8	613.8	613.8	616.3	620.1	616.3
10°	612.6	610.1	610.1	610.1	608.8	607.6	607.6	607.6	611.3	613.8	610.1
12.5°	605.1	602.6	602.6	601.3	601.3	600.1	598.8	600.1	603.8	605.1	602.6
15°	595.1	592.6	592.6	592.6	591.4	591.4	590.1	590.1	593.9	595.1	592.6
17.5°	583.9	581.4	580.1	581.4	580.1	578.9	578.9	578.9	581.4	582.6	578.9
20°	570.2	567.7	567.7	566.4	566.4	565.2	565.2	565.2	568.9	567.7	565.2
22.5°	556.4	553.9	553.9	552.7	552.7	551.4	550.2	550.2	555.2	551.4	550.2
25°	541.5	539.0	539.0	537.7	536.5	535.2	535.2	535.2	537.7	535.2	534.0
27.5°	526.5	524.0	524.0	522.7	521.5	519.0	519.0	519.0	522.7	519.0	519.0
30°	507.8	506.5	506.5	505.3	502.8	501.5	501.5	502.8	505.3	501.5	500.3
32.5°	490.3	487.8	487.8	487.8	485.3	484.1	484.1	485.3	486.6	482.8	481.6
35°	470.3	469.1	469.1	467.8	465.4	465.4	464.1	465.4	465.4	462.9	461.6
37.5°	451.6	450.4	449.1	449.1	446.6	446.6	446.6	447.9	446.6	444.1	442.9
40°	431.7	430.4	429.2	427.9	426.7	426.7	426.7	429.2	426.7	424.2	422.9
42.5°	411.7	410.5	409.2	408.0	406.7	406.7	406.7	408.0	405.5	404.2	403.0
45°	389.3	389.3	388.0	386.8	386.8	386.8	385.5	386.8	384.3	383.0	380.5
47.5°	368.0	368.0	366.8	366.8	365.5	365.5	365.5	365.5	363.1	363.1	360.6
50°	346.8	345.6	344.3	345.6	345.6	344.3	344.3	343.1	341.8	341.8	338.1
52.5°	323.1	324.4	320.6	321.9	323.1	320.6	320.6	319.4	319.4	316.9	314.4
55°	299.4	299.4	299.4	299.4	300.7	298.2	296.9	295.7	296.9	294.4	291.9
57.5°	277.0	277.0	277.0	277.0	278.2	275.7	274.5	275.7	274.5	272.0	270.7
60°	255.8	254.5	254.5	254.5	255.8	253.3	253.3	252.0	252.0	248.3	248.3
62.5°	233.3	232.1	233.3	232.1	233.3	232.1	229.6	230.8	229.6	227.1	225.8
65°	210.8	209.6	210.8	209.6	209.6	208.3	207.1	207.1	205.9	204.6	203.4
67.5°	188.4	187.1	187.1	187.1	188.4	185.9	187.1	184.6	183.4	183.4	180.9
70°	164.7	164.7	164.7	163.4	164.7	162.2	162.2	162.2	160.9	159.7	158.4
72.5°	143.5	142.2	142.2	141.0	142.2	141.0	139.7	139.7	138.5	138.5	137.2
75°	119.8	119.8	119.8	119.8	119.8	118.5	117.3	117.3	116.0	116.0	114.8
77.5°	97.3	97.3	97.3	97.3	97.3	97.3	94.8	94.8	94.8	94.8	92.3
80°	76.1	76.1	76.1	74.9	76.1	74.9	73.6	73.6	73.6	72.4	71.1
82.5°	54.9	54.9	54.9	53.6	54.9	53.6	53.6	52.4	51.2	51.2	48.7
85°	33.7	34.9	34.9	33.7	33.7	33.7	33.7	31.2	29.9	29.9	28.7
87.5°	15.0	15.0	15.0	13.7	13.7	13.7	12.5	12.5	11.2	11.2	11.2
90°	2.5	3.7	5.0	6.2	6.2	7.5	8.7	8.7	8.7	8.7	10.0
92.5°	20.0	26.2	27.4	29.9	28.7	29.9	29.9	28.7	29.9	27.4	28.7
95°	34.9	39.9	48.7	53.6	57.4	63.6	66.1	64.9	62.4	61.1	62.4
97.5°	54.9	59.9	63.6	64.9	67.4	76.1	84.8	91.1	96.1	98.6	101.1
100°	84.8	81.1	86.1	89.8	92.3	91.1	94.8	102.3	108.5	113.5	118.5
102.5°	122.3	112.3	108.5	111.0	114.8	122.3	122.3	121.0	123.5	127.3	134.7
105°	165.9	152.2	142.2	141.0	141.0	146.0	154.7	158.4	151.0	151.0	153.5
107.5°	219.6	197.1	182.1	177.2	175.9	173.4	179.7	189.6	195.9	194.6	187.1
110°	280.7	250.8	229.6	220.8	215.8	208.3	209.6	213.3	220.8	230.8	237.0



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CATALOG NUMBER: CTW-F-7525-50L930-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	353.1	315.6	283.2	272.0	259.5	249.5	242.0	243.3	247.0	254.5	263.2
115°	429.2	386.8	345.6	330.6	315.6	293.2	280.7	277.0	278.2	280.7	285.7
117.5°	506.5	460.4	414.2	395.5	378.0	351.8	328.1	315.6	310.7	309.4	314.4
120°	585.1	534.0	489.1	467.8	446.6	416.7	385.5	361.8	351.8	344.3	344.3
122.5°	662.5	612.6	562.7	541.5	517.8	482.8	449.1	419.2	399.2	384.3	378.0
125°	736.1	689.9	637.5	617.6	592.6	553.9	516.5	485.3	459.1	435.4	420.4
127.5°	808.4	763.5	711.1	691.2	668.7	627.5	592.6	555.2	527.7	497.8	475.3
130°	879.6	834.6	784.7	764.8	743.6	703.6	662.5	626.3	598.8	568.9	544.0
132.5°	946.9	902.0	857.1	834.6	813.4	776.0	736.1	699.9	670.0	641.3	617.6
135°	1013.0	965.6	923.2	902.0	880.8	845.9	808.4	774.8	742.3	712.4	688.7
137.5°	1072.9	1029.3	988.1	966.9	946.9	913.2	880.8	849.6	817.2	786.0	759.8
140°	1130.3	1087.9	1049.2	1030.5	1010.6	976.9	948.2	920.7	890.8	854.6	832.1
142.5°	1185.2	1142.8	1109.1	1090.4	1069.2	1040.5	1011.8	986.8	961.9	930.7	904.5
145°	1236.4	1194.0	1162.8	1146.5	1126.6	1099.1	1071.7	1049.2	1029.3	998.1	974.4
147.5°	1285.0	1246.3	1216.4	1198.9	1182.7	1156.5	1130.3	1109.1	1095.4	1064.2	1041.7
150°	1332.4	1292.5	1266.3	1250.1	1233.9	1210.2	1186.5	1166.5	1154.0	1127.8	1106.6
152.5°	1374.9	1338.7	1315.0	1300.0	1285.0	1261.3	1238.9	1220.1	1211.4	1184.0	1171.5
155°	1416.0	1381.1	1359.9	1347.4	1332.4	1306.2	1288.8	1270.1	1266.3	1242.6	1225.1
157.5°	1452.2	1421.0	1399.8	1387.3	1374.9	1352.4	1334.9	1320.0	1316.2	1295.0	1278.8
160°	1483.4	1455.9	1437.2	1427.3	1416.0	1393.6	1377.3	1364.9	1359.9	1344.9	1329.9
162.5°	1514.6	1488.4	1472.2	1462.2	1453.5	1432.2	1418.5	1406.0	1402.3	1392.3	1377.3
165°	1540.8	1517.1	1502.1	1494.6	1487.1	1468.4	1455.9	1444.7	1443.5	1436.0	1419.8
167.5°	1564.5	1543.3	1530.8	1524.6	1517.1	1500.9	1490.9	1480.9	1479.6	1478.4	1460.9
170°	1583.2	1565.7	1554.5	1549.5	1544.5	1529.6	1520.8	1513.3	1513.3	1514.6	1499.6
172.5°	1599.4	1584.4	1577.0	1570.7	1568.2	1554.5	1548.3	1542.0	1544.5	1547.0	1533.3
175°	1611.9	1599.4	1591.9	1589.4	1586.9	1575.7	1572.0	1569.5	1573.2	1578.2	1564.5
177.5°	1623.1	1611.9	1608.2	1605.7	1604.4	1595.7	1594.4	1591.9	1596.9	1604.4	1593.2
180°	1619.4	1619.4	1619.4	1619.4	1619.4	1619.4	1619.4	1619.4	1619.4	1619.4	1619.4



TEST NUMBER: P303241

CATALOG NUMBER: CTW-F-7525-50L930-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	625.0	625.0	625.0	625.0	625.0	625.0	625.0	625.0
2.5°	625.0	625.0	625.0	623.8	622.6	621.3	618.8	618.8
5°	622.6	622.6	621.3	621.3	620.1	620.1	618.8	620.1
7.5°	617.6	617.6	616.3	616.3	616.3	616.3	615.1	616.3
10°	611.3	611.3	608.8	608.8	608.8	608.8	608.8	608.8
12.5°	602.6	601.3	601.3	600.1	600.1	601.3	601.3	601.3
15°	592.6	592.6	591.4	590.1	591.4	591.4	591.4	591.4
17.5°	580.1	578.9	578.9	577.6	578.9	578.9	577.6	578.9
20°	565.2	563.9	563.9	562.7	563.9	562.7	562.7	562.7
22.5°	548.9	547.7	547.7	546.4	547.7	547.7	547.7	547.7
25°	532.7	531.5	530.2	530.2	530.2	530.2	530.2	530.2
27.5°	516.5	515.3	514.0	514.0	514.0	512.8	512.8	511.5
30°	497.8	497.8	495.3	495.3	495.3	494.0	494.0	492.8
32.5°	480.3	479.1	477.8	476.6	476.6	475.3	474.1	474.1
35°	460.4	459.1	457.9	456.6	456.6	455.4	454.1	455.4
37.5°	441.6	440.4	437.9	437.9	437.9	435.4	435.4	434.2
40°	420.4	417.9	417.9	417.9	416.7	415.4	415.4	414.2
42.5°	399.2	398.0	396.7	396.7	396.7	394.2	394.2	394.2
45°	379.3	378.0	378.0	375.5	375.5	373.0	373.0	374.3
47.5°	356.8	356.8	356.8	355.6	354.3	353.1	353.1	353.1
50°	335.6	335.6	333.1	333.1	333.1	331.9	330.6	330.6
52.5°	311.9	310.7	310.7	309.4	308.2	308.2	308.2	308.2
55°	289.4	289.4	289.4	288.2	286.9	286.9	285.7	286.9
57.5°	268.2	268.2	268.2	267.0	265.7	265.7	264.5	265.7
60°	247.0	245.8	245.8	244.5	243.3	244.5	243.3	243.3
62.5°	224.6	223.3	224.6	223.3	222.1	220.8	220.8	222.1
65°	203.4	202.1	202.1	200.9	199.6	199.6	199.6	199.6
67.5°	180.9	179.7	179.7	178.4	178.4	178.4	178.4	178.4
70°	158.4	157.2	157.2	155.9	155.9	155.9	155.9	155.9
72.5°	137.2	136.0	136.0	134.7	134.7	134.7	134.7	134.7
75°	114.8	113.5	113.5	113.5	113.5	112.3	112.3	112.3
77.5°	93.6	92.3	92.3	92.3	91.1	91.1	91.1	91.1
80°	72.4	71.1	71.1	71.1	69.9	69.9	69.9	68.6
82.5°	49.9	48.7	48.7	49.9	47.4	48.7	47.4	47.4
85°	28.7	27.4	27.4	27.4	27.4	27.4	27.4	26.2
87.5°	11.2	10.0	10.0	11.2	10.0	11.2	11.2	11.2
90°	10.0	10.0	11.2	11.2	12.5	12.5	13.7	13.7
92.5°	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
95°	61.1	61.1	61.1	61.1	61.1	61.1	61.1	59.9
97.5°	102.3	101.1	101.1	101.1	101.1	99.8	98.6	98.6
100°	122.3	126.0	127.3	128.5	129.8	131.0	132.2	131.0
102.5°	139.7	142.2	143.5	144.7	146.0	147.2	148.5	148.5
105°	155.9	157.2	158.4	160.9	164.7	168.4	169.7	169.7
107.5°	187.1	187.1	188.4	189.6	188.4	189.6	189.6	189.6
110°	237.0	229.6	228.3	225.8	222.1	223.3	223.3	223.3



TEST NUMBER: P303241

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**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	269.5	274.5	277.0	277.0	277.0	278.2	274.5	273.2
115°	294.4	299.4	301.9	303.2	306.9	310.7	311.9	311.9
117.5°	319.4	325.6	328.1	329.4	333.1	336.9	338.1	338.1
120°	346.8	349.3	351.8	351.8	355.6	358.1	359.3	359.3
122.5°	374.3	374.3	376.8	376.8	379.3	379.3	381.8	380.5
125°	410.5	405.5	406.7	403.0	404.2	404.2	404.2	403.0
127.5°	459.1	447.9	446.6	441.6	437.9	436.7	434.2	432.9
130°	520.2	502.8	497.8	491.6	485.3	481.6	474.1	475.3
132.5°	591.4	568.9	562.7	555.2	546.4	537.7	532.7	532.7
135°	665.0	642.5	635.0	626.3	616.3	606.3	601.3	601.3
137.5°	736.1	716.1	708.6	701.1	689.9	682.4	672.5	674.9
140°	810.9	788.5	781.0	773.5	766.0	752.3	748.6	752.3
142.5°	883.3	859.6	853.4	845.9	838.4	828.4	820.9	824.7
145°	954.4	930.7	924.5	917.0	910.7	897.0	895.8	895.8
147.5°	1024.3	1003.1	996.8	989.3	983.1	973.1	968.1	969.4
150°	1090.4	1071.7	1065.4	1058.0	1051.7	1039.2	1035.5	1039.2
152.5°	1154.0	1136.6	1130.3	1122.8	1117.8	1106.6	1104.1	1107.9
155°	1212.7	1195.2	1190.2	1182.7	1179.0	1170.2	1170.2	1171.5
157.5°	1267.6	1253.8	1247.6	1242.6	1238.9	1228.9	1228.9	1232.6
160°	1321.2	1308.7	1305.0	1297.5	1293.8	1286.3	1285.0	1283.8
162.5°	1372.4	1361.1	1356.1	1351.1	1347.4	1341.2	1338.7	1338.7
165°	1413.5	1406.0	1401.1	1398.6	1396.1	1391.1	1388.6	1388.6
167.5°	1458.4	1448.5	1444.7	1439.7	1438.5	1434.7	1433.5	1437.2
170°	1494.6	1489.6	1484.6	1480.9	1478.4	1475.9	1474.7	1478.4
172.5°	1530.8	1525.8	1523.3	1519.6	1518.3	1517.1	1517.1	1520.8
175°	1564.5	1560.7	1557.0	1553.3	1553.3	1550.8	1552.0	1554.5
177.5°	1594.4	1591.9	1590.7	1586.9	1584.4	1582.0	1580.7	1580.7
180°	1619.4	1619.4	1619.4	1619.4	1619.4	1619.4	1619.4	1619.4

(END OF REPORT)