

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: P303095

Luminaire Tested: **CTW-F-2575-40L935-UNV-STD-8**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P303095  
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-2575-40L935-UNV-STD-8  
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE  
25% UPLIGHT, 75% DOWNLIGHT, 4000 LUMEN PACKAGE  
Light Source: 3500K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

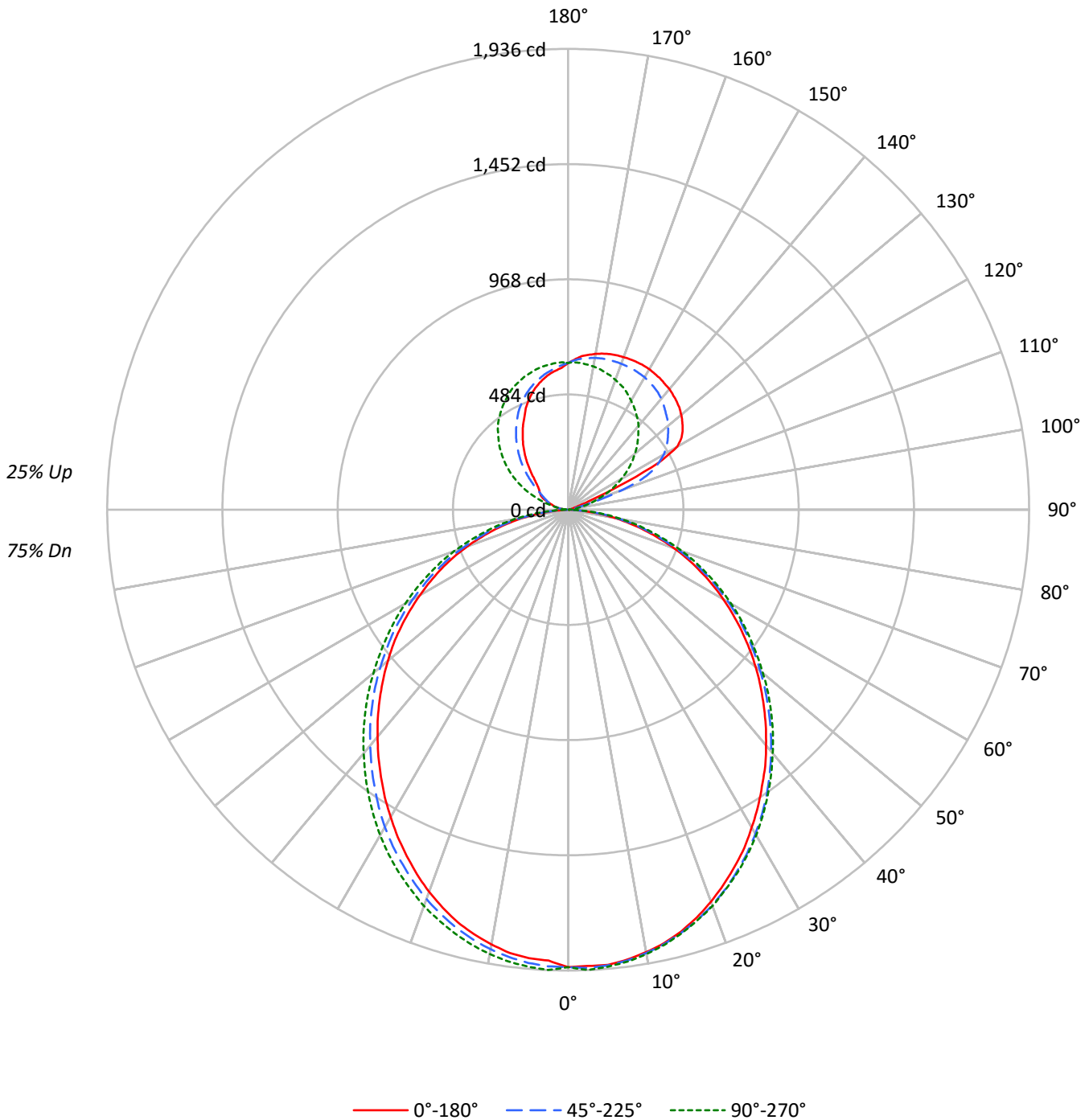
Lumens per Lamp: N/A  
Luminaire Lumens: 6875.9 lumens  
Efficiency: N/A  
Efficacy: 100.4 lumens/watt  
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32  
Luminous Opening: Rectangular (W 8' x L: 0.12' x H: 0')  
CIE Type: Semi-Direct

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°	20686	20686	20686
5°	20746	20820	20430
10°	20628	20722	20271
15°	20436	20532	19995
20°	20080	20297	19567
25°	19654	19981	19061
30°	19156	19627	18536
35°	18645	19211	18011
40°	18171	18777	17494
45°	17667	18349	17013
50°	17215	17878	16551
55°	16708	17419	16060
60°	16200	17016	15496
65°	15613	16535	14956
70°	14905	16041	14200
75°	13820	15109	13105
80°	12168	14090	11530
85°	8299	12128	7015



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	181.4	2.6
10°-20°	513.8	7.5
20°-30°	761.1	11.1
30°-40°	893.0	13.0
40°-50°	905.0	13.2
50°-60°	806.7	11.7
60°-70°	617.8	9.0
70°-80°	362.4	5.3
80°-90°	95.2	1.4
90°-100°	17.8	0.3
100°-110°	76.8	1.1
110°-120°	213.8	3.1
120°-130°	305.2	4.4
130°-140°	328.3	4.8
140°-150°	312.6	4.5
150°-160°	257.5	3.7
160°-170°	169.0	2.5
170°-180°	58.6	0.9
0°-30°	1456.3	21.2
0°-40°	2349.3	34.2
0°-60°	4060.9	59.1
0°-90°	5136.4	74.7
90°-120°	308.4	4.5
90°-150°	1254.5	18.2
90°-180°	1740.0	25.3
0°-180°	6875.9	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	1922	1922	1922	1922	1922	
5°	1920	1922	1927	1911	1891	182
15°	1834	1839	1842	1818	1794	516
25°	1655	1677	1682	1644	1605	762
35°	1419	1455	1462	1419	1371	889
45°	1161	1190	1205	1164	1118	896
55°	890	916	928	895	856	796
65°	613	634	649	615	587	607
75°	332	350	363	336	315	351
85°	67	83	98	71	57	82
90°	2	2	2	3	5	3
95°	5	5	14	22	19	5
105°	21	55	83	60	65	23
115°	239	393	200	107	119	257
125°	587	510	313	172	150	522
135°	644	579	413	276	219	497
145°	673	628	496	382	329	422
155°	684	649	560	477	434	316
165°	677	653	598	549	530	192
175°	648	637	618	599	587	62
180°	616	616	616	616	616	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1921.8	1921.8	1921.8	1921.8	1921.8	1921.8	1921.8	1921.8	1921.8	1921.8	1921.8
2.5°	1918.3	1916.6	1918.3	1916.6	1921.8	1921.8	1921.8	1920.0	1923.5	1930.4	1926.9
5°	1920.0	1918.3	1916.6	1911.4	1914.9	1914.9	1914.9	1913.1	1916.6	1925.2	1921.8
7.5°	1906.3	1906.3	1904.5	1901.1	1904.5	1904.5	1902.8	1901.1	1904.5	1911.4	1909.7
10°	1887.3	1885.6	1883.9	1880.4	1885.6	1885.6	1885.6	1883.9	1887.3	1895.9	1890.8
12.5°	1864.9	1861.5	1859.8	1856.3	1861.5	1861.5	1861.5	1859.8	1863.2	1871.8	1868.4
15°	1833.9	1832.2	1832.2	1830.5	1835.7	1835.7	1835.7	1832.2	1835.7	1842.5	1839.1
17.5°	1796.0	1794.3	1797.8	1796.0	1799.5	1799.5	1799.5	1796.0	1797.8	1808.1	1806.4
20°	1753.0	1751.3	1751.3	1749.6	1754.7	1754.7	1756.4	1753.0	1758.2	1768.5	1768.5
22.5°	1704.8	1704.8	1706.5	1704.8	1708.2	1709.9	1708.2	1706.5	1711.7	1722.0	1725.4
25°	1654.8	1653.1	1653.1	1656.6	1658.3	1660.0	1660.0	1658.3	1661.7	1672.1	1677.2
27.5°	1601.5	1598.0	1601.5	1601.5	1604.9	1606.6	1608.3	1608.3	1611.8	1618.7	1627.3
30°	1541.2	1541.2	1542.9	1544.6	1544.6	1549.8	1551.5	1551.5	1555.0	1563.6	1572.2
32.5°	1482.6	1480.9	1484.4	1486.1	1487.8	1491.3	1491.3	1493.0	1494.7	1503.3	1515.4
35°	1418.9	1420.7	1420.7	1424.1	1427.5	1429.3	1431.0	1429.3	1434.4	1439.6	1455.1
37.5°	1358.7	1356.9	1356.9	1358.7	1363.8	1365.5	1367.3	1367.3	1370.7	1377.6	1391.4
40°	1293.2	1291.5	1294.9	1296.7	1298.4	1301.8	1301.8	1305.3	1310.4	1315.6	1325.9
42.5°	1227.8	1226.1	1229.5	1231.2	1234.7	1236.4	1236.4	1239.8	1245.0	1251.9	1258.8
45°	1160.6	1158.9	1162.4	1164.1	1167.5	1169.2	1169.2	1174.4	1179.6	1183.0	1189.9
47.5°	1095.2	1093.5	1095.2	1098.6	1102.1	1103.8	1103.8	1107.2	1110.7	1117.6	1122.7
50°	1028.0	1024.6	1028.0	1029.8	1033.2	1031.5	1034.9	1038.4	1045.3	1052.1	1052.1
52.5°	959.2	955.7	959.2	960.9	964.3	966.0	966.0	967.8	976.4	981.5	985.0
55°	890.3	888.6	890.3	892.0	895.4	898.9	897.2	902.3	905.8	912.7	916.1
57.5°	821.4	819.7	821.4	823.1	826.6	828.3	828.3	833.4	835.2	840.3	848.9
60°	752.5	749.1	752.5	754.2	757.7	757.7	759.4	761.1	766.3	773.2	776.6
62.5°	683.6	683.6	683.6	683.6	687.1	687.1	692.2	694.0	694.0	700.9	706.0
65°	613.0	613.0	613.0	613.0	616.5	619.9	618.2	623.4	625.1	630.3	633.7
67.5°	544.2	542.4	544.2	544.2	547.6	549.3	549.3	552.8	554.5	556.2	564.8
70°	473.6	475.3	473.6	473.6	473.6	477.0	480.4	482.2	483.9	485.6	490.8
72.5°	401.2	399.5	401.2	401.2	401.2	404.7	406.4	409.8	409.8	413.3	416.7
75°	332.3	332.3	334.1	332.3	332.3	337.5	337.5	341.0	341.0	344.4	349.6
77.5°	263.5	266.9	265.2	265.2	265.2	268.6	268.6	272.1	273.8	275.5	280.7
80°	196.3	199.8	198.0	198.0	198.0	199.8	201.5	204.9	204.9	208.4	211.8
82.5°	130.9	130.9	132.6	132.6	132.6	134.3	137.8	139.5	139.5	142.9	146.4
85°	67.2	72.3	70.6	70.6	70.6	72.3	74.0	75.8	77.5	79.2	82.7
87.5°	13.8	15.5	15.5	13.8	17.2	15.5	17.2	18.9	18.9	20.7	24.1
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°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
95°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
97.5°	6.9	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	10.3
100°	10.3	10.3	10.3	10.3	10.3	12.1	12.1	12.1	12.1	13.8	15.5
102.5°	13.8	13.8	15.5	15.5	15.5	15.5	15.5	17.2	18.9	20.7	27.6
105°	20.7	18.9	20.7	20.7	20.7	22.4	22.4	25.8	29.3	37.9	55.1
107.5°	27.6	27.6	27.6	29.3	31.0	34.4	36.2	43.1	58.5	82.7	127.4
110°	43.1	41.3	44.8	48.2	58.5	63.7	72.3	98.2	139.5	189.4	242.8



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	91.3	89.5	101.6	113.7	136.0	156.7	184.3	235.9	289.3	322.0	335.8
115°	239.4	234.2	249.7	280.7	320.3	341.0	359.9	385.7	401.2	401.2	392.6
117.5°	432.2	425.3	442.6	451.2	459.8	466.7	466.7	466.7	459.8	447.7	430.5
120°	528.7	523.5	525.2	521.8	518.3	514.9	511.4	504.5	492.5	478.7	463.2
122.5°	564.8	563.1	559.7	554.5	549.3	544.2	540.7	532.1	520.0	504.5	489.0
125°	587.2	585.5	582.0	576.9	570.0	566.5	563.1	552.8	540.7	526.9	509.7
127.5°	604.4	604.4	599.3	595.8	588.9	585.5	580.3	571.7	559.7	544.2	528.7
130°	619.9	619.9	614.8	613.0	604.4	602.7	597.5	587.2	575.1	561.4	547.6
132.5°	633.7	632.0	630.3	626.8	619.9	616.5	613.0	604.4	590.6	576.9	564.8
135°	644.0	642.3	640.6	637.1	630.3	628.5	625.1	616.5	602.7	590.6	578.6
137.5°	652.6	652.6	649.2	647.5	640.6	638.9	635.4	626.8	614.8	604.4	594.1
140°	661.2	661.2	657.8	656.1	649.2	647.5	645.8	637.1	625.1	616.5	607.9
142.5°	666.4	668.1	664.7	663.0	656.1	654.4	652.6	644.0	635.4	626.8	619.9
145°	673.3	673.3	669.9	668.1	664.7	663.0	659.5	652.6	644.0	635.4	628.5
147.5°	676.7	678.5	675.0	673.3	669.9	668.1	664.7	657.8	649.2	642.3	635.4
150°	681.9	681.9	678.5	676.7	673.3	671.6	669.9	663.0	654.4	649.2	642.3
152.5°	683.6	683.6	680.2	678.5	675.0	673.3	671.6	664.7	657.8	652.6	645.8
155°	683.6	683.6	681.9	678.5	676.7	675.0	671.6	666.4	659.5	656.1	649.2
157.5°	683.6	681.9	681.9	678.5	676.7	673.3	671.6	664.7	661.2	657.8	650.9
160°	681.9	681.9	680.2	676.7	676.7	673.3	671.6	666.4	661.2	659.5	652.6
162.5°	680.2	678.5	678.5	675.0	675.0	673.3	669.9	666.4	661.2	659.5	652.6
165°	676.7	675.0	675.0	671.6	671.6	669.9	668.1	661.2	659.5	657.8	652.6
167.5°	671.6	669.9	668.1	664.7	664.7	663.0	661.2	656.1	654.4	654.4	650.9
170°	664.7	661.2	659.5	657.8	657.8	656.1	654.4	650.9	650.9	650.9	647.5
172.5°	656.1	652.6	652.6	650.9	649.2	649.2	647.5	644.0	644.0	644.0	642.3
175°	647.5	644.0	642.3	640.6	642.3	640.6	638.9	637.1	637.1	638.9	637.1
177.5°	632.0	628.5	630.3	630.3	630.3	630.3	628.5	628.5	628.5	628.5	628.5
180°	616.5	616.5	616.5	616.5	616.5	616.5	616.5	616.5	616.5	616.5	616.5



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1921.8	1921.8	1921.8	1921.8	1921.8	1921.8	1921.8	1921.8	1921.8	1921.8	1921.8
2.5°	1914.9	1909.7	1909.7	1916.6	1918.3	1921.8	1925.2	1932.1	1935.5	1935.5	1933.8
5°	1909.7	1904.5	1902.8	1909.7	1911.4	1914.9	1918.3	1925.2	1926.9	1926.9	1925.2
7.5°	1897.6	1892.5	1890.8	1897.6	1899.4	1902.8	1904.5	1911.4	1914.9	1914.9	1911.4
10°	1878.7	1873.5	1873.5	1880.4	1882.1	1883.9	1887.3	1892.5	1895.9	1895.9	1894.2
12.5°	1856.3	1851.2	1849.4	1856.3	1858.0	1859.8	1863.2	1870.1	1871.8	1871.8	1868.4
15°	1828.8	1821.9	1821.9	1828.8	1830.5	1832.2	1835.7	1840.8	1842.5	1842.5	1839.1
17.5°	1794.3	1790.9	1787.4	1794.3	1796.0	1797.8	1799.5	1806.4	1809.8	1808.1	1804.7
20°	1756.4	1751.3	1747.8	1756.4	1758.2	1759.9	1761.6	1768.5	1771.9	1771.9	1766.8
22.5°	1715.1	1709.9	1706.5	1713.4	1716.8	1716.8	1720.3	1725.4	1728.9	1727.2	1723.7
25°	1668.6	1661.7	1661.7	1666.9	1670.3	1670.3	1673.8	1679.0	1682.4	1682.4	1677.2
27.5°	1618.7	1613.5	1610.1	1613.5	1618.7	1620.4	1623.8	1629.0	1632.5	1632.5	1627.3
30°	1567.0	1561.9	1555.0	1560.1	1565.3	1567.0	1570.5	1577.4	1579.1	1579.1	1570.5
32.5°	1511.9	1503.3	1501.6	1505.0	1508.5	1511.9	1515.4	1520.5	1520.5	1522.2	1517.1
35°	1449.9	1446.5	1443.0	1446.5	1449.9	1451.6	1456.8	1462.0	1462.0	1462.0	1456.8
37.5°	1389.7	1389.7	1382.8	1384.5	1387.9	1389.7	1396.5	1400.0	1401.7	1400.0	1398.3
40°	1331.1	1325.9	1322.5	1322.5	1324.2	1329.4	1332.8	1336.3	1338.0	1336.3	1332.8
42.5°	1267.4	1263.9	1258.8	1258.8	1260.5	1265.7	1272.6	1274.3	1272.6	1272.6	1265.7
45°	1198.5	1198.5	1195.1	1195.1	1195.1	1200.2	1207.1	1208.8	1207.1	1205.4	1202.0
47.5°	1129.6	1131.4	1131.4	1129.6	1129.6	1129.6	1136.5	1138.2	1140.0	1138.2	1134.8
50°	1060.8	1062.5	1062.5	1062.5	1060.8	1065.9	1067.6	1071.1	1069.4	1067.6	1065.9
52.5°	988.4	993.6	993.6	995.3	995.3	995.3	1002.2	1003.9	998.8	997.0	995.3
55°	917.8	924.7	924.7	926.4	926.4	926.4	931.6	935.0	929.9	928.2	926.4
57.5°	848.9	854.1	854.1	857.6	861.0	857.6	861.0	864.4	859.3	861.0	857.6
60°	778.3	781.8	783.5	787.0	788.7	788.7	792.1	795.6	788.7	790.4	788.7
62.5°	711.2	711.2	712.9	716.4	718.1	716.4	719.8	725.0	718.1	719.8	718.1
65°	635.4	640.6	640.6	644.0	645.8	645.8	649.2	652.6	647.5	649.2	644.0
67.5°	564.8	568.3	570.0	575.1	578.6	576.9	578.6	582.0	578.6	580.3	575.1
70°	494.2	497.7	497.7	499.4	504.5	506.3	508.0	509.7	508.0	509.7	506.3
72.5°	420.2	421.9	423.6	425.3	430.5	430.5	432.2	433.9	439.1	435.7	435.7
75°	349.6	353.0	353.0	358.2	361.6	361.6	363.3	365.1	368.5	363.3	363.3
77.5°	280.7	284.1	284.1	289.3	291.0	291.0	294.5	296.2	297.9	296.2	296.2
80°	213.5	215.3	217.0	218.7	222.1	223.9	225.6	227.3	229.0	227.3	229.0
82.5°	149.8	149.8	151.5	153.3	156.7	158.4	160.1	161.9	163.6	161.9	163.6
85°	84.4	87.8	87.8	93.0	94.7	94.7	96.4	98.2	99.9	98.2	99.9
87.5°	25.8	29.3	31.0	32.7	36.2	36.2	39.6	41.3	41.3	39.6	41.3
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°	3.4	3.4	3.4	5.2	5.2	5.2	6.9	6.9	6.9	5.2	6.9
95°	6.9	6.9	8.6	12.1	15.5	17.2	20.7	20.7	17.2	13.8	13.8
97.5°	12.1	13.8	20.7	29.3	32.7	37.9	41.3	37.9	31.0	25.8	24.1
100°	20.7	27.6	43.1	60.3	65.4	70.6	68.9	60.3	49.9	41.3	36.2
102.5°	37.9	58.5	87.8	105.0	108.5	108.5	99.9	86.1	72.3	60.3	53.4
105°	84.4	120.5	153.3	156.7	155.0	149.8	134.3	117.1	99.9	82.7	74.0
107.5°	173.9	204.9	215.3	204.9	199.8	189.4	170.5	149.8	127.4	110.2	96.4
110°	270.4	273.8	263.5	246.2	235.9	227.3	203.2	182.5	158.4	137.8	122.3





TEST NUMBER: P303095

CATALOG NUMBER: CTW-F-2575-40L935-UNV-STD-8

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	335.8	323.7	304.8	284.1	273.8	261.7	239.4	215.3	189.4	167.0	149.8
115°	378.8	359.9	339.2	316.8	306.5	296.2	272.1	246.2	220.4	199.8	179.1
117.5°	411.6	390.9	370.2	347.8	337.5	327.2	301.4	277.2	249.7	229.0	208.4
120°	439.1	420.2	397.8	377.1	366.8	356.5	330.6	306.5	280.7	258.3	235.9
122.5°	470.1	451.2	423.6	404.7	394.3	382.3	358.2	334.1	308.2	285.9	263.5
125°	492.5	473.6	452.9	428.8	418.4	406.4	382.3	359.9	335.8	313.4	292.7
127.5°	514.9	495.9	477.0	454.6	442.6	428.8	406.4	384.0	361.6	341.0	318.6
130°	533.8	516.6	497.7	477.0	464.9	454.6	428.8	406.4	385.7	365.1	346.1
132.5°	552.8	535.5	514.9	495.9	483.9	475.3	454.6	430.5	409.8	390.9	370.2
135°	566.5	551.0	530.4	509.7	501.1	492.5	473.6	454.6	432.2	413.3	394.3
137.5°	582.0	564.8	544.2	525.2	516.6	509.7	492.5	473.6	456.3	435.7	416.7
140°	594.1	576.9	557.9	539.0	532.1	525.2	509.7	492.5	477.0	459.8	439.1
142.5°	604.4	587.2	568.3	551.0	545.9	539.0	523.5	509.7	494.2	478.7	461.5
145°	614.8	595.8	578.6	564.8	557.9	551.0	539.0	525.2	511.4	495.9	480.4
147.5°	623.4	604.4	588.9	575.1	570.0	564.8	551.0	539.0	526.9	513.2	497.7
150°	630.3	613.0	599.3	587.2	582.0	576.9	563.1	552.8	542.4	528.7	514.9
152.5°	633.7	618.2	606.1	595.8	592.4	587.2	576.9	566.5	556.2	544.2	532.1
155°	637.1	623.4	613.0	604.4	601.0	597.5	587.2	578.6	570.0	559.7	545.9
157.5°	638.9	628.5	618.2	611.3	607.9	604.4	595.8	588.9	580.3	570.0	559.7
160°	642.3	632.0	621.6	616.5	614.8	611.3	602.7	597.5	590.6	580.3	571.7
162.5°	642.3	633.7	625.1	621.6	619.9	618.2	609.6	604.4	599.3	590.6	582.0
165°	644.0	635.4	628.5	625.1	623.4	621.6	616.5	611.3	606.1	597.5	592.4
167.5°	642.3	635.4	630.3	626.8	625.1	623.4	619.9	616.5	611.3	606.1	599.3
170°	638.9	633.7	630.3	628.5	626.8	625.1	621.6	619.9	614.8	611.3	606.1
172.5°	635.4	630.3	626.8	626.8	625.1	625.1	623.4	621.6	618.2	614.8	611.3
175°	630.3	626.8	623.4	623.4	623.4	623.4	621.6	621.6	619.9	618.2	614.8
177.5°	623.4	619.9	618.2	618.2	619.9	619.9	619.9	619.9	619.9	619.9	618.2
180°	616.5	616.5	616.5	616.5	616.5	616.5	616.5	616.5	616.5	616.5	616.5



TEST NUMBER: P303095

CATALOG NUMBER: CTW-F-2575-40L935-UNV-STD-8

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1921.8	1921.8	1921.8	1921.8	1921.8	1921.8	1921.8	1921.8	1921.8	1921.8	1921.8
2.5°	1921.8	1909.7	1909.7	1911.4	1914.9	1918.3	1918.3	1911.4	1920.0	1926.9	1920.0
5°	1913.1	1901.1	1902.8	1902.8	1906.3	1909.7	1909.7	1902.8	1911.4	1916.6	1908.0
7.5°	1899.4	1887.3	1887.3	1889.0	1890.8	1894.2	1894.2	1887.3	1895.9	1901.1	1892.5
10°	1880.4	1868.4	1868.4	1868.4	1871.8	1875.3	1873.5	1866.6	1875.3	1878.7	1871.8
12.5°	1854.6	1844.3	1844.3	1844.3	1846.0	1849.4	1847.7	1839.1	1849.4	1851.2	1842.5
15°	1825.3	1816.7	1815.0	1815.0	1816.7	1820.2	1816.7	1808.1	1818.4	1820.2	1813.3
17.5°	1792.6	1782.3	1780.5	1780.5	1782.3	1785.7	1780.5	1771.9	1780.5	1780.5	1773.7
20°	1754.7	1742.7	1740.9	1740.9	1742.7	1744.4	1737.5	1732.3	1740.9	1739.2	1732.3
22.5°	1711.7	1699.6	1697.9	1697.9	1699.6	1701.3	1692.7	1689.3	1694.4	1692.7	1684.1
25°	1663.5	1654.8	1653.1	1651.4	1654.8	1651.4	1646.2	1641.1	1644.5	1641.1	1632.5
27.5°	1613.5	1603.2	1599.7	1601.5	1604.9	1603.2	1591.1	1589.4	1594.6	1587.7	1579.1
30°	1558.4	1549.8	1546.4	1548.1	1548.1	1548.1	1536.0	1537.7	1539.5	1534.3	1522.2
32.5°	1501.6	1494.7	1493.0	1493.0	1494.7	1491.3	1479.2	1480.9	1480.9	1472.3	1463.7
35°	1443.0	1436.1	1432.7	1434.4	1436.1	1429.3	1418.9	1422.4	1418.9	1412.0	1403.4
37.5°	1382.8	1374.2	1374.2	1374.2	1375.9	1367.3	1356.9	1362.1	1356.9	1348.3	1341.4
40°	1317.3	1310.4	1312.2	1312.2	1313.9	1307.0	1298.4	1298.4	1293.2	1284.6	1276.0
42.5°	1257.1	1248.5	1251.9	1251.9	1251.9	1241.6	1236.4	1234.7	1231.2	1222.6	1215.7
45°	1189.9	1183.0	1188.2	1186.5	1188.2	1176.1	1172.7	1169.2	1164.1	1157.2	1148.6
47.5°	1121.0	1117.6	1122.7	1122.7	1122.7	1110.7	1107.2	1102.1	1098.6	1091.7	1079.7
50°	1052.1	1052.1	1055.6	1057.3	1053.9	1043.5	1040.1	1033.2	1029.8	1022.9	1012.5
52.5°	986.7	983.3	988.4	988.4	985.0	976.4	971.2	966.0	960.9	954.0	947.1
55°	919.5	916.1	921.3	917.8	916.1	909.2	902.3	897.2	895.4	885.1	878.2
57.5°	850.7	848.9	852.4	850.7	845.5	840.3	833.4	830.0	824.8	816.2	811.1
60°	781.8	781.8	781.8	780.1	776.6	769.7	764.6	761.1	754.2	747.3	743.9
62.5°	712.9	712.9	711.2	709.5	706.0	700.9	694.0	694.0	683.6	676.7	675.0
65°	644.0	642.3	640.6	635.4	635.4	632.0	625.1	619.9	614.8	607.9	606.1
67.5°	575.1	571.7	566.5	566.5	563.1	561.4	554.5	549.3	545.9	540.7	537.3
70°	506.3	501.1	495.9	497.7	492.5	490.8	483.9	482.2	473.6	468.4	468.4
72.5°	432.2	427.1	421.9	423.6	420.2	416.7	411.6	406.4	401.2	399.5	396.1
75°	363.3	356.5	353.0	353.0	349.6	346.1	342.7	337.5	335.8	332.3	328.9
77.5°	292.7	287.6	285.9	285.9	280.7	279.0	275.5	273.8	268.6	268.6	261.7
80°	225.6	220.4	218.7	217.0	217.0	211.8	210.1	204.9	203.2	199.8	194.6
82.5°	158.4	155.0	153.3	153.3	153.3	146.4	144.6	139.5	137.8	132.6	127.4
85°	96.4	93.0	89.5	91.3	89.5	82.7	80.9	74.0	70.6	68.9	65.4
87.5°	39.6	34.4	31.0	29.3	29.3	25.8	24.1	22.4	17.2	15.5	13.8
90°	1.7	1.7	3.4	3.4	3.4	3.4	3.4	3.4	3.4	5.2	5.2
92.5°	8.6	10.3	10.3	10.3	12.1	12.1	10.3	10.3	10.3	10.3	8.6
95°	15.5	17.2	20.7	20.7	22.4	24.1	24.1	22.4	22.4	22.4	20.7
97.5°	22.4	25.8	25.8	27.6	29.3	31.0	32.7	34.4	34.4	34.4	34.4
100°	34.4	32.7	36.2	37.9	37.9	37.9	39.6	41.3	43.1	44.8	44.8
102.5°	49.9	44.8	44.8	44.8	48.2	51.7	48.2	48.2	49.9	51.7	53.4
105°	65.4	60.3	56.8	56.8	56.8	60.3	63.7	62.0	60.3	62.0	62.0
107.5°	86.1	77.5	70.6	70.6	70.6	68.9	72.3	74.0	77.5	75.8	72.3
110°	108.5	98.2	89.5	84.4	84.4	82.7	82.7	84.4	87.8	89.5	91.3



TEST NUMBER: P303095

CATALOG NUMBER: CTW-F-2575-40L935-UNV-STD-8

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	134.3	120.5	108.5	106.8	101.6	96.4	94.7	94.7	96.4	99.9	103.3
115°	161.9	146.4	130.9	127.4	122.3	111.9	108.5	106.8	106.8	108.5	111.9
117.5°	189.4	172.2	156.7	149.8	144.6	134.3	125.7	120.5	118.8	118.8	120.5
120°	217.0	201.5	184.3	175.6	168.8	156.7	144.6	136.0	132.6	130.9	130.9
122.5°	244.5	229.0	210.1	203.2	196.3	180.8	168.8	156.7	149.8	144.6	142.9
125°	272.1	256.6	239.4	230.7	222.1	206.6	194.6	182.5	172.2	163.6	158.4
127.5°	299.6	282.4	266.9	260.0	251.4	234.2	218.7	206.6	196.3	186.0	177.4
130°	323.7	310.0	294.5	287.6	279.0	260.0	246.2	234.2	222.1	210.1	201.5
132.5°	351.3	334.1	320.3	313.4	304.8	287.6	273.8	260.0	249.7	237.6	227.3
135°	373.7	359.9	344.4	337.5	330.6	315.1	301.4	287.6	275.5	265.2	256.6
137.5°	397.8	382.3	368.5	363.3	354.7	339.2	328.9	315.1	303.1	291.0	282.4
140°	420.2	404.7	390.9	385.7	378.8	365.1	351.3	341.0	328.9	318.6	310.0
142.5°	442.6	423.6	413.3	408.1	401.2	387.5	375.4	366.8	356.5	346.1	337.5
145°	463.2	449.4	432.2	428.8	423.6	409.8	399.5	390.9	382.3	372.0	363.3
147.5°	480.4	468.4	456.3	452.9	447.7	433.9	421.9	415.0	406.4	397.8	389.2
150°	499.4	487.3	477.0	473.6	468.4	459.8	447.7	435.7	430.5	420.2	413.3
152.5°	516.6	504.5	494.2	492.5	487.3	478.7	468.4	459.8	456.3	447.7	435.7
155°	532.1	520.0	511.4	509.7	506.3	497.7	489.0	480.4	477.0	468.4	461.5
157.5°	545.9	533.8	526.9	525.2	521.8	514.9	506.3	497.7	495.9	489.0	483.9
160°	559.7	547.6	542.4	540.7	537.3	532.1	525.2	516.6	516.6	509.7	504.5
162.5°	570.0	561.4	556.2	552.8	551.0	547.6	540.7	533.8	533.8	528.7	523.5
165°	582.0	571.7	568.3	566.5	564.8	561.4	556.2	549.3	549.3	545.9	540.7
167.5°	590.6	582.0	578.6	576.9	575.1	573.4	570.0	563.1	563.1	561.4	556.2
170°	597.5	590.6	587.2	585.5	585.5	583.8	582.0	576.9	576.9	575.1	570.0
172.5°	604.4	597.5	595.8	595.8	594.1	594.1	592.4	587.2	587.2	588.9	583.8
175°	609.6	602.7	602.7	601.0	602.7	602.7	601.0	597.5	599.3	601.0	597.5
177.5°	611.3	607.9	607.9	607.9	607.9	609.6	609.6	604.4	607.9	611.3	606.1
180°	616.5	616.5	616.5	616.5	616.5	616.5	616.5	616.5	616.5	616.5	616.5



TEST NUMBER: P303095

CATALOG NUMBER: CTW-F-2575-40L935-UNV-STD-8

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	1921.8	1921.8	1921.8	1921.8	1921.8	1921.8	1921.8	1921.8
2.5°	1920.0	1916.6	1914.9	1914.9	1916.6	1906.3	1897.6	1895.9
5°	1908.0	1904.5	1902.8	1902.8	1906.3	1899.4	1892.5	1890.8
7.5°	1890.8	1889.0	1885.6	1887.3	1892.5	1885.6	1878.7	1878.7
10°	1868.4	1866.6	1863.2	1864.9	1868.4	1861.5	1854.6	1854.6
12.5°	1840.8	1835.7	1833.9	1835.7	1839.1	1832.2	1825.3	1827.0
15°	1808.1	1804.7	1802.9	1804.7	1808.1	1801.2	1792.6	1794.3
17.5°	1771.9	1766.8	1766.8	1768.5	1770.2	1761.6	1753.0	1753.0
20°	1727.2	1722.0	1722.0	1723.7	1723.7	1713.4	1708.2	1708.2
22.5°	1677.2	1672.1	1670.3	1673.8	1673.8	1665.2	1660.0	1658.3
25°	1627.3	1618.7	1618.7	1622.1	1620.4	1613.5	1606.6	1604.9
27.5°	1575.6	1565.3	1568.7	1568.7	1567.0	1556.7	1551.5	1549.8
30°	1518.8	1510.2	1508.5	1511.9	1506.8	1498.1	1494.7	1491.3
32.5°	1460.3	1451.6	1453.4	1451.6	1448.2	1439.6	1432.7	1432.7
35°	1400.0	1389.7	1393.1	1391.4	1384.5	1379.3	1374.2	1370.7
37.5°	1336.3	1327.7	1331.1	1327.7	1322.5	1317.3	1310.4	1308.7
40°	1270.8	1267.4	1267.4	1263.9	1258.8	1251.9	1250.2	1245.0
42.5°	1205.4	1203.7	1203.7	1198.5	1193.3	1188.2	1184.7	1183.0
45°	1141.7	1136.5	1140.0	1134.8	1127.9	1122.7	1119.3	1117.6
47.5°	1076.3	1071.1	1071.1	1067.6	1060.8	1057.3	1053.9	1053.9
50°	1010.8	1003.9	1002.2	1000.5	995.3	991.9	986.7	988.4
52.5°	943.7	940.2	938.5	933.3	928.2	924.7	923.0	924.7
55°	876.5	873.1	869.6	866.2	861.0	857.6	854.1	855.8
57.5°	809.3	802.5	802.5	797.3	793.8	790.4	787.0	787.0
60°	740.5	737.0	733.6	730.1	726.7	723.2	723.2	719.8
62.5°	671.6	668.1	664.7	659.5	657.8	654.4	656.1	652.6
65°	602.7	597.5	597.5	592.4	590.6	587.2	588.9	587.2
67.5°	533.8	530.4	528.7	525.2	521.8	520.0	520.0	520.0
70°	464.9	461.5	459.8	459.8	454.6	449.4	452.9	451.2
72.5°	392.6	390.9	387.5	385.7	382.3	380.6	382.3	380.6
75°	325.5	323.7	322.0	320.3	315.1	315.1	316.8	315.1
77.5°	258.3	256.6	254.9	256.6	249.7	249.7	249.7	248.0
80°	192.9	191.1	187.7	189.4	186.0	182.5	182.5	186.0
82.5°	124.0	124.0	120.5	120.5	120.5	115.4	117.1	118.8
85°	63.7	63.7	62.0	63.7	58.5	58.5	58.5	56.8
87.5°	13.8	13.8	12.1	13.8	12.1	12.1	12.1	13.8
90°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
92.5°	8.6	8.6	8.6	10.3	8.6	8.6	8.6	8.6
95°	20.7	22.4	22.4	22.4	20.7	20.7	20.7	18.9
97.5°	34.4	34.4	34.4	34.4	32.7	32.7	32.7	31.0
100°	44.8	46.5	46.5	46.5	46.5	46.5	46.5	44.8
102.5°	55.1	55.1	55.1	56.8	56.8	56.8	56.8	55.1
105°	62.0	63.7	63.7	65.4	67.2	67.2	67.2	65.4
107.5°	74.0	74.0	74.0	74.0	74.0	75.8	74.0	74.0
110°	89.5	87.8	87.8	87.8	86.1	86.1	86.1	86.1



TEST NUMBER: P303095

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**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	105.0	105.0	105.0	105.0	105.0	103.3	103.3	103.3
115°	113.7	117.1	117.1	117.1	117.1	117.1	118.8	118.8
117.5°	122.3	124.0	125.7	125.7	127.4	127.4	129.2	129.2
120°	130.9	132.6	132.6	134.3	134.3	134.3	136.0	136.0
122.5°	141.2	141.2	141.2	141.2	142.9	141.2	142.9	142.9
125°	155.0	153.3	153.3	151.5	151.5	149.8	149.8	149.8
127.5°	172.2	168.8	167.0	165.3	163.6	161.9	160.1	160.1
130°	194.6	187.7	186.0	184.3	179.1	177.4	175.6	175.6
132.5°	218.7	213.5	210.1	206.6	201.5	198.0	196.3	194.6
135°	248.0	241.1	235.9	232.5	227.3	222.1	218.7	218.7
137.5°	273.8	266.9	263.5	260.0	254.9	249.7	248.0	246.2
140°	301.4	294.5	291.0	287.6	282.4	277.2	273.8	273.8
142.5°	327.2	320.3	318.6	315.1	310.0	304.8	303.1	301.4
145°	354.7	347.8	344.4	342.7	337.5	332.3	328.9	328.9
147.5°	380.6	373.7	372.0	368.5	365.1	358.2	356.5	354.7
150°	406.4	399.5	397.8	396.1	392.6	385.7	382.3	382.3
152.5°	430.5	423.6	421.9	421.9	418.4	413.3	409.8	408.1
155°	456.3	451.2	449.4	449.4	446.0	439.1	433.9	433.9
157.5°	478.7	473.6	471.8	471.8	468.4	464.9	463.2	463.2
160°	501.1	495.9	494.2	494.2	492.5	489.0	487.3	487.3
162.5°	520.0	516.6	514.9	514.9	514.9	511.4	508.0	509.7
165°	539.0	533.8	533.8	532.1	533.8	530.4	528.7	530.4
167.5°	552.8	551.0	549.3	549.3	549.3	547.6	547.6	547.6
170°	568.3	566.5	566.5	564.8	564.8	564.8	561.4	563.1
172.5°	582.0	580.3	580.3	580.3	580.3	578.6	575.1	576.9
175°	595.8	594.1	594.1	594.1	594.1	592.4	587.2	587.2
177.5°	607.9	607.9	606.1	606.1	606.1	602.7	595.8	597.5
180°	616.5	616.5	616.5	616.5	616.5	616.5	616.5	616.5

(END OF REPORT)