

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: P303104

Luminaire Tested: **CTW-F-2575-50L840-UNV-STD-6**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P303104  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: CTW-F-2575-50L840-UNV-STD-6  
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE  
25% UPLIGHT, 75% DOWNLIGHT, 5000 LUMEN PACKAGE  
Light Source: 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

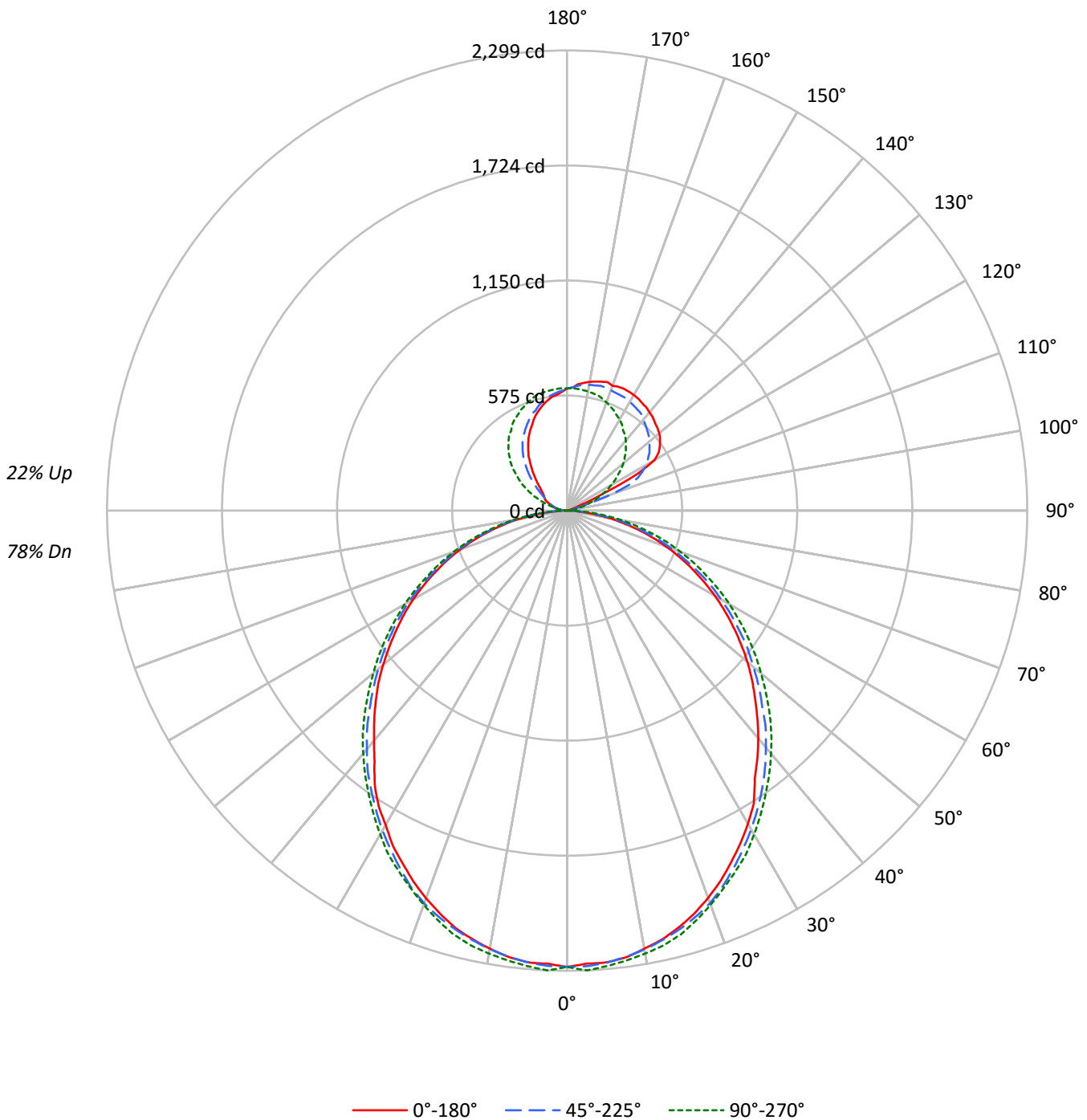
Lumens per Lamp: N/A  
Luminaire Lumens: 7788.2 lumens  
Efficiency: N/A  
Efficacy: 117.8 lumens/watt  
Spacing Criteria (0/90/45): 1.19 / 1.22 / 1.32  
Luminous Opening: Rectangular (W 6' x L: 0.12' x H: 0')  
CIE Type: Semi-Direct

Input Watts (W): 66.1  
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	114	114	114	114	109	109	109	109	99	99	99	90	90	90	82	82	82	78
1	104	99	95	91	99	95	91	88	87	84	81	79	77	75	72	70	69	65
2	94	87	80	74	90	83	77	72	76	71	67	69	66	62	63	60	58	54
3	86	76	68	62	82	73	66	60	67	61	56	61	56	53	56	52	49	46
4	79	67	59	52	75	65	57	51	59	53	48	54	49	45	50	46	42	39
5	72	60	52	45	69	58	50	44	53	47	41	49	43	39	45	40	37	34
6	67	54	45	39	64	52	44	38	48	41	36	44	39	34	41	36	32	30
7	62	49	41	35	59	47	39	34	44	37	32	40	35	30	37	32	29	26
8	58	45	36	31	55	43	35	30	40	33	29	37	31	27	34	29	26	24
9	54	41	33	28	51	39	32	27	37	30	26	34	29	25	32	27	23	21
10	50	38	30	25	48	36	29	24	34	28	23	32	26	22	29	25	21	19

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

	0°	90°	180°
0°	32715	32715	32715
5°	32641	32906	32641
10°	32395	32752	32395
15°	32030	32575	32074
20°	31453	32012	31476
25°	30699	31497	30795
30°	29947	30960	30049
35°	28634	30295	29357
40°	27840	29703	28099
45°	26966	29014	27461
50°	26251	28231	26795
55°	25362	27581	26090
60°	24487	26901	25498
65°	23415	26064	24661
70°	22135	25278	23801
75°	20179	24243	22463
80°	17059	22621	20340
85°	10078	19135	15364



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	214.9	2.8
10°-20°	609.1	7.8
20°-30°	901.7	11.6
30°-40°	1056.8	13.6
40°-50°	1067.3	13.7
50°-60°	951.1	12.2
60°-70°	728.9	9.4
70°-80°	430.8	5.5
80°-90°	115.4	1.5
90°-100°	18.4	0.2
100°-110°	74.5	1.0
110°-120°	206.3	2.6
120°-130°	299.8	3.8
130°-140°	324.1	4.2
140°-150°	309.8	4.0
150°-160°	254.4	3.3
160°-170°	167.1	2.1
170°-180°	57.9	0.7
0°-30°	1725.6	22.2
0°-40°	2782.4	35.7
0°-60°	4800.8	61.6
0°-90°	6075.9	78.0
90°-120°	299.2	3.8
90°-150°	1232.9	15.8
90°-180°	1712.0	22.0
0°-180°	7788.2	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	2280	2280	2280	2280	2280	
5°	2266	2267	2284	2266	2266	215
15°	2156	2166	2192	2165	2159	607
25°	1939	1969	1989	1974	1945	893
35°	1634	1698	1729	1706	1676	1029
45°	1329	1378	1430	1394	1353	1026
55°	1014	1053	1102	1072	1043	907
65°	690	722	768	744	726	683
75°	364	391	437	417	405	385
85°	61	83	116	106	93	81
90°	2	2	2	5	6	2
95°	5	5	14	24	24	5
105°	17	43	83	63	70	20
115°	188	390	196	104	116	226
125°	566	502	309	171	147	503
135°	621	566	414	278	222	481
145°	654	615	488	388	336	411
155°	671	634	552	474	439	310
165°	667	645	596	544	526	189
175°	634	627	610	592	581	61
180°	610	610	610	610	610	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5
2.5°	2265.7	2262.7	2268.8	2273.4	2273.4	2276.5	2279.5	2284.1	2281.0	2288.7	2278.0
5°	2265.7	2261.2	2264.2	2264.2	2262.7	2265.7	2267.3	2273.4	2270.3	2278.0	2267.3
7.5°	2252.0	2248.9	2248.9	2250.5	2245.9	2248.9	2250.5	2255.0	2250.5	2258.1	2248.9
10°	2222.9	2221.4	2222.9	2224.5	2219.9	2222.9	2222.9	2226.0	2226.0	2232.1	2226.0
12.5°	2193.9	2189.3	2192.4	2190.8	2186.2	2189.3	2190.8	2197.0	2197.0	2201.5	2198.5
15°	2155.7	2154.1	2157.2	2157.2	2152.6	2154.1	2155.7	2160.3	2161.8	2166.4	2166.4
17.5°	2111.3	2108.3	2111.3	2111.3	2108.3	2109.8	2112.9	2119.0	2120.5	2126.6	2129.7
20°	2059.4	2054.8	2056.3	2056.3	2056.3	2057.8	2060.9	2068.5	2074.6	2082.3	2086.9
22.5°	2002.8	1998.2	1996.7	1996.7	1998.2	1999.7	1999.7	2013.5	2021.1	2025.7	2031.8
25°	1938.6	1934.0	1934.0	1938.6	1937.0	1940.1	1944.7	1956.9	1963.0	1958.5	1969.2
27.5°	1874.4	1871.3	1868.2	1871.3	1874.4	1877.4	1885.1	1894.2	1894.2	1897.3	1904.9
30°	1807.1	1799.5	1799.5	1804.0	1808.6	1814.7	1820.9	1825.4	1823.9	1828.5	1839.2
32.5°	1735.2	1732.2	1729.1	1733.7	1741.4	1745.9	1749.0	1749.0	1750.5	1758.2	1768.9
35°	1634.3	1632.8	1638.9	1652.7	1664.9	1672.6	1671.0	1671.0	1675.6	1684.8	1698.5
37.5°	1561.0	1559.4	1559.4	1567.1	1570.1	1574.7	1577.8	1591.5	1602.2	1616.0	1623.6
40°	1486.0	1484.5	1483.0	1492.2	1495.2	1495.2	1498.3	1504.4	1518.1	1542.6	1544.1
42.5°	1406.5	1408.1	1406.5	1414.2	1417.2	1420.3	1421.8	1426.4	1435.6	1450.9	1467.7
45°	1328.6	1330.1	1328.6	1336.2	1339.3	1340.8	1343.9	1348.4	1356.1	1369.8	1377.5
47.5°	1252.1	1252.1	1249.1	1258.2	1261.3	1264.4	1265.9	1268.9	1281.2	1290.3	1298.0
50°	1175.7	1172.6	1169.6	1178.7	1181.8	1184.9	1187.9	1192.5	1195.6	1210.8	1215.4
52.5°	1094.7	1093.1	1091.6	1099.2	1102.3	1103.8	1108.4	1113.0	1119.1	1132.9	1137.5
55°	1013.6	1013.6	1010.6	1018.2	1019.7	1024.3	1027.4	1033.5	1036.6	1050.3	1053.4
57.5°	934.1	934.1	929.5	937.2	938.7	943.3	946.4	950.9	955.5	964.7	972.3
60°	853.1	848.5	848.5	854.6	857.7	862.3	865.3	869.9	873.0	882.1	888.3
62.5°	770.5	772.1	772.1	773.6	781.2	779.7	779.7	788.9	791.9	798.1	808.8
65°	689.5	688.0	688.0	692.6	695.6	697.2	697.2	707.9	710.9	715.5	721.6
67.5°	608.5	610.0	610.0	610.0	617.7	616.1	616.1	625.3	628.4	632.9	636.0
70°	527.5	529.0	530.5	529.0	536.6	533.6	538.2	542.7	545.8	551.9	556.5
72.5°	446.4	448.0	449.5	449.5	455.6	452.5	457.1	461.7	469.4	470.9	473.9
75°	363.9	365.4	366.9	366.9	371.5	368.5	373.0	377.6	380.7	386.8	391.4
77.5°	284.4	285.9	289.0	289.0	292.0	289.0	293.5	299.7	302.7	305.8	311.9
80°	206.4	207.9	211.0	211.0	215.6	212.5	215.6	220.2	224.7	229.3	232.4
82.5°	131.5	133.0	134.5	136.1	140.7	140.7	140.7	145.2	151.4	151.4	155.9
85°	61.2	62.7	64.2	64.2	68.8	68.8	68.8	73.4	76.4	79.5	82.6
87.5°	7.6	9.2	9.2	9.2	10.7	10.7	10.7	12.2	13.8	15.3	18.3
90°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
92.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
95°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
97.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	7.6	7.6	7.6	9.2
100°	9.2	9.2	9.2	9.2	9.2	9.2	9.2	10.7	10.7	12.2	13.8
102.5°	12.2	12.2	12.2	13.8	13.8	13.8	13.8	15.3	16.8	18.3	22.9
105°	16.8	16.8	16.8	18.3	18.3	19.9	19.9	21.4	26.0	30.6	42.8
107.5°	24.5	24.5	24.5	26.0	27.5	29.0	30.6	36.7	45.9	64.2	99.4
110°	36.7	36.7	38.2	41.3	47.4	52.0	56.6	78.0	110.1	160.5	221.7



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	73.4	74.9	81.0	90.2	113.1	123.8	142.2	197.2	253.8	307.3	333.3
115°	188.0	192.6	198.7	229.3	275.2	292.0	316.5	368.5	389.9	396.0	389.9
117.5°	391.4	397.5	399.0	426.5	437.2	441.8	448.0	454.1	446.4	437.2	425.0
120°	504.5	507.6	503.0	499.9	503.0	498.4	495.3	487.7	475.5	467.8	455.6
122.5°	542.7	544.3	538.2	533.6	530.5	529.0	524.4	512.2	498.4	492.3	478.5
125°	565.7	565.7	562.6	555.0	551.9	550.4	545.8	536.6	522.9	512.2	501.5
127.5°	585.5	585.5	579.4	573.3	570.3	568.7	559.6	551.9	544.3	530.5	518.3
130°	600.8	599.3	594.7	588.6	587.1	582.5	579.4	568.7	561.1	551.9	536.6
132.5°	611.5	613.1	607.0	607.0	603.9	594.7	593.2	584.0	574.8	564.1	553.4
135°	620.7	625.3	620.7	619.2	614.6	607.0	602.4	596.2	587.1	576.4	565.7
137.5°	632.9	629.9	631.4	628.4	625.3	619.2	614.6	611.5	600.8	591.7	579.4
140°	640.6	640.6	640.6	637.5	631.4	629.9	629.9	619.2	617.7	607.0	593.2
142.5°	649.8	648.2	646.7	642.1	643.6	639.1	632.9	632.9	623.8	616.1	608.5
145°	654.3	655.9	648.2	652.8	646.7	645.2	639.1	639.1	632.9	620.7	614.6
147.5°	662.0	660.5	655.9	657.4	652.8	651.3	646.7	643.6	634.5	628.4	620.7
150°	666.6	660.5	663.5	663.5	652.8	652.8	651.3	649.8	642.1	636.0	626.8
152.5°	669.6	666.6	665.0	666.6	657.4	657.4	655.9	649.8	646.7	639.1	632.9
155°	671.2	666.6	666.6	666.6	662.0	658.9	655.9	651.3	648.2	640.6	634.5
157.5°	669.6	669.6	665.0	666.6	665.0	660.5	652.8	652.8	652.8	645.2	636.0
160°	663.5	666.6	666.6	666.6	665.0	663.5	654.3	655.9	651.3	648.2	639.1
162.5°	672.7	666.6	666.6	665.0	663.5	662.0	658.9	658.9	654.3	648.2	643.6
165°	666.6	666.6	666.6	658.9	662.0	658.9	655.9	655.9	652.8	645.2	645.2
167.5°	660.5	658.9	657.4	654.3	655.9	651.3	649.8	651.3	646.7	645.2	640.6
170°	652.8	652.8	649.8	649.8	648.2	646.7	648.2	648.2	643.6	645.2	637.5
172.5°	643.6	646.7	645.2	643.6	640.6	640.6	639.1	637.5	636.0	639.1	632.9
175°	634.5	634.5	634.5	634.5	634.5	634.5	632.9	636.0	631.4	631.4	626.8
177.5°	614.6	620.7	617.7	625.3	626.8	625.3	626.8	625.3	620.7	625.3	616.1
180°	610.0	610.0	610.0	610.0	610.0	610.0	610.0	610.0	610.0	610.0	610.0



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5
2.5°	2270.3	2271.9	2271.9	2273.4	2274.9	2273.4	2273.4	2284.1	2293.3	2299.4	2293.3
5°	2258.1	2258.1	2258.1	2259.6	2261.2	2259.6	2259.6	2270.3	2279.5	2284.1	2279.5
7.5°	2239.8	2239.8	2239.8	2241.3	2242.8	2242.8	2242.8	2253.5	2262.7	2267.3	2261.2
10°	2215.3	2216.8	2216.8	2218.4	2221.4	2221.4	2222.9	2232.1	2241.3	2247.4	2241.3
12.5°	2186.2	2189.3	2190.8	2193.9	2195.4	2197.0	2198.5	2209.2	2216.8	2224.5	2218.4
15°	2155.7	2158.7	2161.8	2164.8	2166.4	2167.9	2167.9	2178.6	2186.2	2192.4	2186.2
17.5°	2119.0	2122.0	2120.5	2122.0	2122.0	2122.0	2122.0	2129.7	2138.9	2146.5	2138.9
20°	2068.5	2070.1	2068.5	2068.5	2070.1	2071.6	2070.1	2080.8	2088.4	2096.0	2088.4
22.5°	2013.5	2012.0	2012.0	2015.0	2015.0	2019.6	2019.6	2028.8	2036.4	2042.5	2038.0
25°	1952.3	1953.9	1955.4	1956.9	1960.0	1963.0	1966.1	1975.3	1984.4	1989.0	1984.4
27.5°	1892.7	1892.7	1894.2	1900.4	1901.9	1908.0	1911.1	1920.2	1927.9	1935.5	1929.4
30°	1831.6	1831.6	1837.7	1840.7	1842.3	1845.3	1843.8	1854.5	1860.6	1868.2	1866.7
32.5°	1768.9	1768.9	1768.9	1770.4	1771.9	1776.5	1775.0	1787.2	1796.4	1799.5	1797.9
35°	1700.1	1692.4	1695.5	1700.1	1701.6	1706.2	1709.2	1715.4	1726.1	1729.1	1727.6
37.5°	1626.7	1622.1	1625.2	1629.7	1631.3	1634.3	1637.4	1645.0	1651.2	1658.8	1657.3
40°	1554.8	1550.2	1551.8	1557.9	1561.0	1564.0	1565.5	1571.7	1577.8	1585.4	1583.9
42.5°	1478.4	1476.9	1476.9	1483.0	1486.0	1486.0	1490.6	1495.2	1499.8	1510.5	1507.4
45°	1398.9	1398.9	1398.9	1405.0	1408.1	1408.1	1414.2	1417.2	1424.9	1429.5	1427.9
47.5°	1307.2	1322.5	1324.0	1328.6	1327.0	1328.6	1336.2	1336.2	1343.9	1346.9	1346.9
50°	1223.1	1235.3	1243.0	1247.5	1249.1	1249.1	1258.2	1258.2	1261.3	1264.4	1268.9
52.5°	1142.0	1146.6	1163.5	1168.0	1174.2	1168.0	1177.2	1177.2	1181.8	1184.9	1186.4
55°	1059.5	1064.1	1071.7	1082.4	1085.5	1087.0	1094.7	1096.2	1099.2	1102.3	1102.3
57.5°	978.5	981.5	989.2	1002.9	1004.5	1010.6	1013.6	1013.6	1016.7	1018.2	1021.3
60°	897.4	900.5	906.6	911.2	920.4	923.4	931.1	932.6	935.7	937.2	937.2
62.5°	814.9	817.9	824.0	831.7	836.3	842.4	843.9	845.5	848.5	853.1	853.1
65°	732.3	735.4	741.5	749.1	749.1	750.7	761.4	762.9	766.0	767.5	772.1
67.5°	646.7	651.3	658.9	665.0	665.0	671.2	678.8	680.3	683.4	686.5	688.0
70°	562.6	567.2	574.8	582.5	585.5	587.1	591.7	596.2	600.8	602.4	603.9
72.5°	480.1	484.6	490.8	499.9	501.5	504.5	507.6	512.2	518.3	521.3	521.3
75°	396.0	400.6	408.2	417.4	420.4	418.9	425.0	428.1	434.2	437.2	437.2
77.5°	314.9	318.0	325.6	331.8	334.8	337.9	337.9	340.9	347.0	351.6	350.1
80°	237.0	240.0	246.1	252.3	253.8	258.4	258.4	261.4	266.0	273.7	269.1
82.5°	165.1	163.6	169.7	175.8	177.3	181.9	185.0	185.0	188.0	194.2	191.1
85°	90.2	91.7	96.3	102.4	105.5	107.0	111.6	111.6	114.7	116.2	120.8
87.5°	24.5	24.5	30.6	35.2	38.2	39.7	44.3	44.3	47.4	52.0	48.9
90°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
92.5°	3.1	3.1	3.1	3.1	4.6	4.6	6.1	7.6	7.6	6.1	7.6
95°	6.1	6.1	7.6	9.2	10.7	12.2	16.8	19.9	16.8	13.8	13.8
97.5°	9.2	10.7	15.3	21.4	24.5	30.6	38.2	35.2	30.6	26.0	24.5
100°	16.8	21.4	29.0	45.9	53.5	61.2	65.7	58.1	48.9	39.7	36.7
102.5°	29.0	42.8	68.8	93.3	99.4	102.4	97.8	87.1	73.4	59.6	52.0
105°	62.7	96.3	136.1	149.8	148.3	146.8	133.0	116.2	99.4	82.6	70.3
107.5°	151.4	191.1	206.4	203.3	195.7	188.0	169.7	149.8	128.4	107.0	93.3
110°	261.4	266.0	261.4	246.1	233.9	224.7	204.9	185.0	159.0	136.1	119.2





TEST NUMBER: P303104

CATALOG NUMBER: CTW-F-2575-50L840-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	333.3	318.0	301.2	282.8	270.6	259.9	237.0	214.0	189.6	166.6	148.3
115°	374.6	359.3	337.9	313.4	302.7	293.5	269.1	243.1	218.6	195.7	177.3
117.5°	408.2	388.3	368.5	347.0	336.3	324.1	301.2	276.7	249.2	224.7	207.9
120°	438.8	415.8	396.0	373.0	366.9	354.7	331.8	304.2	276.7	255.3	235.4
122.5°	461.7	441.8	420.4	402.1	391.4	382.2	356.2	331.8	305.8	282.8	264.5
125°	483.1	463.2	443.4	423.5	415.8	405.1	379.2	357.7	333.3	308.8	292.0
127.5°	504.5	481.6	466.3	452.5	438.8	425.0	402.1	382.2	359.3	339.4	319.5
130°	522.9	504.5	486.2	467.8	457.1	448.0	426.5	405.1	386.8	366.9	348.6
132.5°	535.1	521.3	503.0	489.2	473.9	466.3	444.9	426.5	406.7	389.9	371.5
135°	550.4	538.2	518.3	503.0	496.9	486.2	463.2	446.4	429.6	414.3	394.4
137.5°	565.7	551.9	536.6	519.8	510.6	503.0	481.6	469.4	451.0	434.2	418.9
140°	581.0	562.6	551.9	533.6	524.4	519.8	501.5	483.1	470.9	455.6	440.3
142.5°	590.1	574.8	561.1	547.3	541.2	533.6	516.7	496.9	487.7	475.5	458.7
145°	599.3	587.1	570.3	556.5	551.9	545.8	530.5	518.3	506.0	487.7	477.0
147.5°	608.5	594.7	584.0	570.3	561.1	559.6	544.3	532.0	518.3	509.1	493.8
150°	613.1	599.3	591.7	577.9	570.3	570.3	558.0	542.7	536.6	525.9	510.6
152.5°	619.2	610.0	600.8	591.7	582.5	581.0	570.3	559.6	547.3	536.6	527.5
155°	625.3	617.7	610.0	597.8	591.7	590.1	579.4	570.3	561.1	551.9	541.2
157.5°	628.4	616.1	611.5	603.9	599.3	594.7	584.0	576.4	573.3	562.6	550.4
160°	629.9	620.7	614.6	607.0	608.5	600.8	593.2	590.1	582.5	574.8	565.7
162.5°	631.4	628.4	619.2	613.1	611.5	605.4	600.8	596.2	591.7	585.5	577.9
165°	634.5	631.4	625.3	613.1	614.6	610.0	608.5	599.3	600.8	596.2	582.5
167.5°	632.9	628.4	622.2	622.2	614.6	614.6	610.0	608.5	603.9	599.3	590.1
170°	631.4	628.4	620.7	619.2	620.7	616.1	611.5	611.5	608.5	605.4	602.4
172.5°	626.8	623.8	619.2	623.8	619.2	616.1	613.1	607.0	613.1	607.0	600.8
175°	620.7	620.7	616.1	614.6	616.1	613.1	614.6	613.1	610.0	610.0	608.5
177.5°	616.1	617.7	611.5	613.1	614.6	611.5	614.6	614.6	616.1	611.5	614.6
180°	610.0	610.0	610.0	610.0	610.0	610.0	610.0	610.0	610.0	610.0	610.0



TEST NUMBER: P303104

CATALOG NUMBER: CTW-F-2575-50L840-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5
2.5°	2287.2	2278.0	2274.9	2274.9	2273.4	2267.3	2265.7	2265.7	2276.5	2290.2	2274.9
5°	2271.9	2262.7	2259.6	2261.2	2259.6	2253.5	2253.5	2253.5	2265.7	2279.5	2264.2
7.5°	2255.0	2245.9	2242.8	2242.8	2241.3	2235.2	2235.2	2235.2	2247.4	2258.1	2245.9
10°	2233.6	2224.5	2221.4	2221.4	2218.4	2212.2	2210.7	2212.2	2224.5	2232.1	2219.9
12.5°	2210.7	2200.0	2197.0	2195.4	2192.4	2186.2	2183.2	2183.2	2197.0	2203.1	2189.3
15°	2180.1	2171.0	2166.4	2167.9	2164.8	2157.2	2155.7	2152.6	2164.8	2166.4	2157.2
17.5°	2134.3	2125.1	2123.6	2125.1	2122.0	2115.9	2117.5	2115.9	2129.7	2125.1	2115.9
20°	2082.3	2073.1	2071.6	2073.1	2068.5	2067.0	2070.1	2071.6	2088.4	2080.8	2070.1
22.5°	2030.3	2019.6	2019.6	2018.1	2013.5	2010.4	2012.0	2015.0	2036.4	2028.8	2021.1
25°	1975.3	1966.1	1964.6	1963.0	1958.5	1953.9	1952.3	1952.3	1973.7	1964.6	1966.1
27.5°	1924.8	1911.1	1906.5	1904.9	1900.4	1894.2	1892.7	1892.7	1909.5	1898.8	1904.9
30°	1859.1	1848.4	1846.8	1846.8	1842.3	1836.1	1831.6	1833.1	1845.3	1828.5	1831.6
32.5°	1791.8	1779.6	1781.1	1778.0	1773.5	1773.5	1770.4	1770.4	1776.5	1758.2	1761.2
35°	1721.5	1712.3	1710.8	1707.7	1701.6	1698.5	1700.1	1706.2	1706.2	1687.8	1687.8
37.5°	1649.6	1638.9	1640.5	1635.9	1631.3	1628.2	1628.2	1635.9	1637.4	1619.0	1616.0
40°	1577.8	1568.6	1565.5	1565.5	1561.0	1557.9	1556.4	1565.5	1556.4	1551.8	1539.5
42.5°	1501.3	1492.2	1489.1	1489.1	1487.6	1486.0	1484.5	1490.6	1479.9	1467.7	1453.9
45°	1423.4	1420.3	1415.7	1411.1	1409.6	1409.6	1411.1	1411.1	1394.3	1380.5	1377.5
47.5°	1342.3	1342.3	1336.2	1334.7	1334.7	1333.2	1333.2	1325.5	1313.3	1304.1	1299.5
50°	1264.4	1261.3	1255.2	1256.7	1256.7	1253.7	1250.6	1236.8	1232.2	1224.6	1220.0
52.5°	1184.9	1186.4	1175.7	1178.7	1177.2	1171.1	1163.5	1157.3	1152.7	1145.1	1140.5
55°	1100.8	1097.7	1094.7	1100.8	1097.7	1085.5	1079.4	1076.3	1071.7	1064.1	1061.0
57.5°	1021.3	1022.8	1015.2	1016.7	1012.1	1001.4	1001.4	996.8	993.7	983.0	980.0
60°	937.2	931.1	934.1	937.2	923.4	918.8	920.4	915.8	912.7	902.0	899.0
62.5°	853.1	853.1	853.1	845.5	842.4	837.8	839.3	834.7	828.6	821.0	819.5
65°	772.1	769.0	762.9	762.9	759.8	756.8	758.3	755.2	744.5	740.0	738.4
67.5°	689.5	683.4	680.3	681.9	677.3	674.2	675.7	672.7	663.5	657.4	657.4
70°	608.5	596.2	597.8	597.8	594.7	590.1	591.7	585.5	581.0	581.0	576.4
72.5°	522.9	518.3	515.2	513.7	512.2	507.6	507.6	503.0	501.5	499.9	496.9
75°	438.8	432.7	432.7	432.7	429.6	426.5	426.5	420.4	417.4	420.4	415.8
77.5°	351.6	348.6	348.6	348.6	344.0	342.5	344.0	337.9	339.4	336.3	333.3
80°	272.1	269.1	269.1	267.5	269.1	263.0	264.5	259.9	259.9	258.4	255.3
82.5°	195.7	192.6	191.1	189.6	188.0	186.5	188.0	186.5	183.5	180.4	177.3
85°	122.3	117.7	117.7	117.7	117.7	113.1	113.1	110.1	105.5	104.0	100.9
87.5°	53.5	50.5	47.4	45.9	47.4	42.8	44.3	42.8	39.7	38.2	35.2
90°	1.5	3.1	4.6	4.6	4.6	4.6	4.6	4.6	4.6	6.1	6.1
92.5°	9.2	12.2	12.2	12.2	12.2	13.8	13.8	13.8	12.2	12.2	13.8
95°	16.8	19.9	22.9	24.5	24.5	26.0	26.0	24.5	24.5	24.5	24.5
97.5°	24.5	27.5	29.0	30.6	32.1	35.2	36.7	38.2	38.2	38.2	38.2
100°	35.2	35.2	38.2	41.3	41.3	41.3	44.3	45.9	48.9	50.5	50.5
102.5°	47.4	45.9	45.9	47.4	50.5	53.5	52.0	52.0	55.0	56.6	59.6
105°	64.2	59.6	58.1	56.6	58.1	61.2	64.2	64.2	62.7	62.7	64.2
107.5°	84.1	76.4	71.9	70.3	68.8	70.3	71.9	74.9	76.4	76.4	74.9
110°	107.0	94.8	88.7	85.6	82.6	81.0	81.0	84.1	85.6	88.7	90.2



TEST NUMBER: P303104

CATALOG NUMBER: CTW-F-2575-50L840-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	133.0	117.7	108.5	104.0	99.4	96.3	93.3	93.3	94.8	97.8	100.9
115°	160.5	143.7	131.5	125.4	119.2	111.6	108.5	105.5	104.0	107.0	108.5
117.5°	189.6	172.8	155.9	148.3	142.2	133.0	123.8	120.8	117.7	114.7	116.2
120°	217.1	200.3	181.9	175.8	168.2	155.9	143.7	136.1	133.0	130.0	126.9
122.5°	247.7	229.3	209.5	201.8	195.7	180.4	168.2	157.5	149.8	145.2	140.7
125°	275.2	256.8	238.5	230.9	221.7	207.9	194.2	181.9	171.2	163.6	155.9
127.5°	301.2	284.4	266.0	258.4	252.3	233.9	221.7	207.9	197.2	188.0	178.9
130°	333.3	307.3	293.5	285.9	278.2	264.5	247.7	235.4	224.7	214.0	203.3
132.5°	356.2	339.4	316.5	311.9	304.2	289.0	276.7	263.0	252.3	240.0	229.3
135°	377.6	362.3	348.6	337.9	333.3	314.9	302.7	290.5	278.2	269.1	258.4
137.5°	402.1	385.3	368.5	365.4	356.2	344.0	333.3	318.0	307.3	295.1	285.9
140°	425.0	408.2	396.0	383.7	379.2	370.0	359.3	348.6	336.3	324.1	313.4
142.5°	446.4	429.6	415.8	409.7	402.1	391.4	380.7	373.0	363.9	354.7	344.0
145°	464.8	448.0	437.2	431.1	425.0	412.8	403.6	397.5	388.3	377.6	368.5
147.5°	480.1	467.8	455.6	452.5	440.3	432.7	426.5	417.4	414.3	402.1	396.0
150°	496.9	486.2	477.0	469.4	464.8	452.5	446.4	441.8	434.2	426.5	418.9
152.5°	512.2	503.0	492.3	489.2	483.1	472.4	464.8	457.1	454.1	446.4	438.8
155°	527.5	518.3	509.1	504.5	501.5	493.8	481.6	477.0	473.9	469.4	463.2
157.5°	541.2	530.5	522.9	521.3	513.7	507.6	503.0	495.3	493.8	484.6	481.6
160°	553.4	547.3	536.6	532.0	533.6	524.4	516.7	509.1	515.2	503.0	501.5
162.5°	565.7	558.0	555.0	548.9	547.3	542.7	536.6	529.0	524.4	527.5	516.7
165°	579.4	571.8	565.7	562.6	559.6	548.9	547.3	542.7	544.3	542.7	539.7
167.5°	585.5	579.4	577.9	571.8	571.8	568.7	562.6	556.5	558.0	558.0	550.4
170°	593.2	587.1	584.0	581.0	581.0	573.3	573.3	568.7	574.8	571.8	565.7
172.5°	600.8	594.7	591.7	593.2	588.6	587.1	582.5	579.4	582.5	585.5	582.5
175°	605.4	599.3	599.3	597.8	593.2	593.2	593.2	590.1	591.7	591.7	587.1
177.5°	610.0	605.4	599.3	603.9	603.9	599.3	596.2	600.8	599.3	608.5	600.8
180°	610.0	610.0	610.0	610.0	610.0	610.0	610.0	610.0	610.0	610.0	610.0



TEST NUMBER: P303104

CATALOG NUMBER: CTW-F-2575-50L840-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5
2.5°	2281.0	2278.0	2276.5	2271.9	2270.3	2265.7	2262.7	2265.7
5°	2268.8	2265.7	2264.2	2261.2	2261.2	2261.2	2261.2	2265.7
7.5°	2248.9	2245.9	2247.4	2244.3	2245.9	2247.4	2247.4	2248.9
10°	2224.5	2221.4	2219.9	2216.8	2218.4	2218.4	2218.4	2222.9
12.5°	2190.8	2187.8	2186.2	2183.2	2186.2	2189.3	2190.8	2192.4
15°	2157.2	2154.1	2152.6	2149.6	2152.6	2155.7	2154.1	2158.7
17.5°	2115.9	2112.9	2109.8	2106.7	2108.3	2109.8	2109.8	2111.3
20°	2065.5	2060.9	2057.8	2054.8	2056.3	2056.3	2059.4	2060.9
22.5°	2008.9	2004.3	2001.3	1999.7	1998.2	1998.2	2004.3	2005.8
25°	1956.9	1944.7	1943.2	1941.6	1940.1	1938.6	1943.2	1944.7
27.5°	1897.3	1886.6	1882.0	1879.0	1877.4	1874.4	1877.4	1886.6
30°	1831.6	1823.9	1819.3	1813.2	1813.2	1808.6	1813.2	1813.2
32.5°	1758.2	1756.6	1752.1	1750.5	1744.4	1739.8	1742.9	1752.1
35°	1681.7	1683.3	1683.3	1680.2	1671.0	1664.9	1666.4	1675.6
37.5°	1606.8	1600.7	1602.2	1596.1	1582.4	1576.2	1576.2	1580.8
40°	1518.1	1510.5	1512.0	1509.0	1504.4	1501.3	1502.9	1499.8
42.5°	1443.2	1435.6	1438.6	1434.1	1429.5	1424.9	1427.9	1426.4
45°	1366.8	1359.1	1357.6	1360.7	1353.0	1353.0	1351.5	1353.0
47.5°	1288.8	1282.7	1284.2	1284.2	1276.6	1276.6	1275.1	1279.6
50°	1210.8	1206.3	1206.3	1203.2	1200.1	1198.6	1198.6	1200.1
52.5°	1135.9	1128.3	1126.8	1129.8	1120.6	1122.2	1122.2	1120.6
55°	1053.4	1048.8	1048.8	1050.3	1042.7	1044.2	1044.2	1042.7
57.5°	978.5	970.8	970.8	972.3	967.8	966.2	964.7	966.2
60°	899.0	891.3	891.3	892.8	883.7	886.7	886.7	888.3
62.5°	819.5	816.4	810.3	808.8	808.8	807.2	808.8	807.2
65°	738.4	735.4	729.3	732.3	724.7	727.7	724.7	726.2
67.5°	657.4	654.3	649.8	651.3	645.2	648.2	648.2	648.2
70°	576.4	573.3	568.7	567.2	568.7	567.2	567.2	567.2
72.5°	495.3	493.8	487.7	487.7	489.2	487.7	484.6	486.2
75°	411.3	412.8	406.7	408.2	409.7	408.2	408.2	405.1
77.5°	328.7	330.2	328.7	325.6	327.2	327.2	325.6	324.1
80°	250.7	252.3	250.7	247.7	249.2	247.7	247.7	246.1
82.5°	172.8	174.3	171.2	168.2	169.7	168.2	166.6	165.1
85°	97.8	97.8	97.8	94.8	96.3	96.3	94.8	93.3
87.5°	33.6	33.6	33.6	33.6	33.6	33.6	33.6	32.1
90°	6.1	7.6	6.1	6.1	6.1	6.1	6.1	6.1
92.5°	13.8	13.8	12.2	12.2	12.2	10.7	10.7	12.2
95°	24.5	26.0	24.5	24.5	24.5	24.5	24.5	24.5
97.5°	38.2	38.2	38.2	36.7	36.7	35.2	35.2	36.7
100°	52.0	52.0	52.0	52.0	52.0	50.5	50.5	52.0
102.5°	61.2	62.7	62.7	62.7	62.7	62.7	62.7	62.7
105°	67.3	68.8	68.8	68.8	70.3	70.3	70.3	70.3
107.5°	74.9	76.4	76.4	76.4	76.4	76.4	78.0	76.4
110°	90.2	88.7	87.1	87.1	87.1	85.6	87.1	87.1



TEST NUMBER: P303104

CATALOG NUMBER: CTW-F-2575-50L840-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	102.4	104.0	104.0	104.0	104.0	104.0	102.4	104.0
115°	111.6	113.1	113.1	114.7	114.7	114.7	116.2	116.2
117.5°	119.2	120.8	120.8	122.3	122.3	123.8	125.4	125.4
120°	126.9	128.4	128.4	128.4	130.0	130.0	130.0	131.5
122.5°	139.1	137.6	137.6	137.6	137.6	136.1	137.6	137.6
125°	154.4	151.4	149.8	149.8	148.3	146.8	146.8	146.8
127.5°	171.2	168.2	166.6	165.1	163.6	160.5	160.5	159.0
130°	194.2	188.0	186.5	183.5	178.9	177.3	177.3	175.8
132.5°	220.2	214.0	209.5	207.9	201.8	198.7	197.2	197.2
135°	249.2	241.6	238.5	235.4	229.3	224.7	224.7	221.7
137.5°	276.7	267.5	266.0	264.5	258.4	253.8	250.7	247.7
140°	302.7	296.6	292.0	292.0	285.9	279.8	278.2	275.2
142.5°	333.3	327.2	318.0	318.0	310.4	308.8	305.8	304.2
145°	359.3	353.2	350.1	350.1	340.9	339.4	334.8	336.3
147.5°	385.3	380.7	376.1	376.1	368.5	365.4	362.3	360.8
150°	411.3	405.1	402.1	402.1	396.0	391.4	389.9	388.3
152.5°	432.7	426.5	426.5	425.0	417.4	417.4	414.3	415.8
155°	455.6	449.5	451.0	448.0	443.4	440.3	438.8	438.8
157.5°	475.5	472.4	469.4	467.8	466.3	464.8	461.7	460.2
160°	496.9	493.8	490.8	489.2	489.2	486.2	483.1	486.2
162.5°	516.7	512.2	512.2	510.6	510.6	507.6	506.0	507.6
165°	533.6	530.5	530.5	530.5	527.5	530.5	525.9	525.9
167.5°	548.9	548.9	547.3	542.7	542.7	541.2	542.7	544.3
170°	562.6	564.1	561.1	559.6	559.6	559.6	559.6	559.6
172.5°	579.4	576.4	577.9	573.3	574.8	571.8	570.3	573.3
175°	590.1	588.6	588.6	588.6	584.0	585.5	582.5	581.0
177.5°	600.8	600.8	599.3	599.3	597.8	596.2	596.2	593.2
180°	610.0	610.0	610.0	610.0	610.0	610.0	610.0	610.0

(END OF REPORT)