

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: P303107

Luminaire Tested: **CTW-F-2575-50L940-UNV-STD-6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303107
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-2575-50L940-UNV-STD-6
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 5000 LUMEN PACKAGE
Light Source: 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

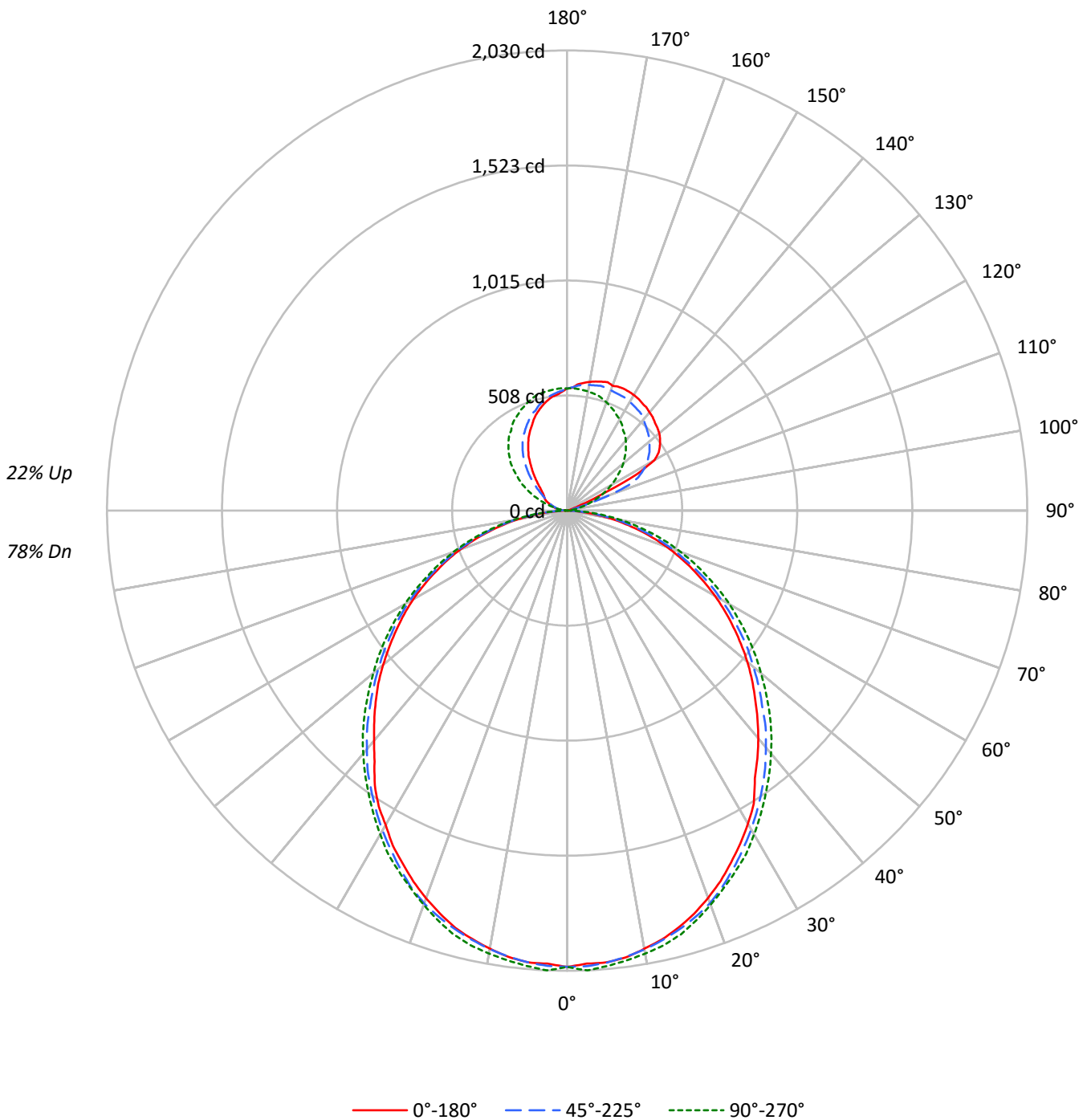
Lumens per Lamp: N/A
Luminaire Lumens: 6876.8 lumens
Efficiency: N/A
Efficacy: 104.0 lumens/watt
Spacing Criteria (0/90/45): 1.19 / 1.22 / 1.32
Luminous Opening: Rectangular (W 6' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

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	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°	28887	28887	28887
5°	28824	29057	28824
10°	28606	28921	28606
15°	28283	28764	28323
20°	27772	28267	27794
25°	27107	27812	27193
30°	26444	27339	26534
35°	25284	26750	25923
40°	24584	26227	24811
45°	23810	25618	24248
50°	23178	24927	23661
55°	22394	24354	23038
60°	21623	23752	22512
65°	20675	23014	21775
70°	19542	22320	21015
75°	17817	21410	19835
80°	15059	19968	17960
85°	8892	16895	13552



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	189.8	2.8
10°-20°	537.8	7.8
20°-30°	796.2	11.6
30°-40°	933.1	13.6
40°-50°	942.4	13.7
50°-60°	839.8	12.2
60°-70°	643.6	9.4
70°-80°	380.4	5.5
80°-90°	101.8	1.5
90°-100°	16.2	0.2
100°-110°	65.8	1.0
110°-120°	182.2	2.6
120°-130°	264.7	3.8
130°-140°	286.1	4.2
140°-150°	273.5	4.0
150°-160°	224.7	3.3
160°-170°	147.5	2.1
170°-180°	51.2	0.7
0°-30°	1523.7	22.2
0°-40°	2456.9	35.7
0°-60°	4239.1	61.6
0°-90°	5365.0	78.0
90°-120°	264.1	3.8
90°-150°	1088.5	15.8
90°-180°	1512.0	22.0
0°-180°	6876.8	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	2013	2013	2013	2013	2013	
5°	2001	2002	2017	2001	2001	190
15°	1904	1913	1936	1912	1906	536
25°	1712	1739	1756	1743	1717	789
35°	1443	1500	1527	1507	1480	908
45°	1173	1216	1262	1231	1195	906
55°	895	930	973	946	921	801
65°	609	637	678	657	641	603
75°	321	346	386	368	358	340
85°	54	73	103	93	82	72
90°	1	1	1	4	5	2
95°	4	4	12	22	22	4
105°	15	38	73	55	62	18
115°	166	344	173	92	103	199
125°	500	443	273	151	130	444
135°	548	500	366	246	196	425
145°	578	543	431	343	297	363
155°	593	560	487	418	387	273
165°	589	570	526	481	464	167
175°	560	554	539	522	513	54
180°	539	539	539	539	539	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2012.8	2012.8	2012.8	2012.8	2012.8	2012.8	2012.8	2012.8	2012.8	2012.8	2012.8
2.5°	2000.7	1998.0	2003.4	2007.4	2007.4	2010.1	2012.8	2016.9	2014.2	2020.9	2011.5
5°	2000.7	1996.6	1999.3	1999.3	1998.0	2000.7	2002.0	2007.4	2004.7	2011.5	2002.0
7.5°	1988.5	1985.8	1985.8	1987.2	1983.1	1985.8	1987.2	1991.2	1987.2	1993.9	1985.8
10°	1962.9	1961.5	1962.9	1964.2	1960.2	1962.9	1962.9	1965.6	1965.6	1971.0	1965.6
12.5°	1937.2	1933.2	1935.9	1934.5	1930.5	1933.2	1934.5	1939.9	1939.9	1944.0	1941.3
15°	1903.5	1902.1	1904.8	1904.8	1900.8	1902.1	1903.5	1907.5	1908.9	1912.9	1912.9
17.5°	1864.3	1861.6	1864.3	1864.3	1861.6	1863.0	1865.7	1871.1	1872.4	1877.8	1880.5
20°	1818.4	1814.4	1815.7	1815.7	1815.7	1817.1	1819.8	1826.5	1831.9	1838.7	1842.7
22.5°	1768.5	1764.4	1763.1	1763.1	1764.4	1765.8	1765.8	1777.9	1784.7	1788.7	1794.1
25°	1711.8	1707.7	1707.7	1711.8	1710.4	1713.1	1717.2	1728.0	1733.4	1729.3	1738.8
27.5°	1655.1	1652.4	1649.7	1652.4	1655.1	1657.8	1664.5	1672.6	1672.6	1675.3	1682.1
30°	1595.7	1588.9	1588.9	1593.0	1597.0	1602.4	1607.8	1611.9	1610.5	1614.6	1624.0
32.5°	1532.2	1529.5	1526.8	1530.9	1537.6	1541.7	1544.4	1544.4	1545.7	1552.5	1561.9
35°	1443.1	1441.8	1447.2	1459.3	1470.1	1476.9	1475.5	1475.5	1479.6	1487.7	1499.8
37.5°	1378.3	1377.0	1377.0	1383.7	1386.4	1390.5	1393.2	1405.3	1414.8	1426.9	1433.7
40°	1312.2	1310.8	1309.5	1317.6	1320.3	1320.3	1323.0	1328.4	1340.5	1362.1	1363.5
42.5°	1242.0	1243.3	1242.0	1248.7	1251.4	1254.1	1255.5	1259.5	1267.6	1281.1	1296.0
45°	1173.1	1174.5	1173.1	1179.9	1182.6	1183.9	1186.6	1190.7	1197.4	1209.6	1216.3
47.5°	1105.6	1105.6	1102.9	1111.0	1113.7	1116.4	1117.8	1120.5	1131.3	1139.4	1146.1
50°	1038.1	1035.4	1032.7	1040.8	1043.5	1046.2	1048.9	1053.0	1055.7	1069.2	1073.2
52.5°	966.6	965.2	963.9	970.6	973.3	974.7	978.7	982.8	988.2	1000.3	1004.4
55°	895.0	895.0	892.3	899.1	900.4	904.5	907.2	912.6	915.3	927.4	930.1
57.5°	824.8	824.8	820.8	827.5	828.9	832.9	835.6	839.7	843.7	851.8	858.6
60°	753.3	749.2	749.2	754.6	757.3	761.4	764.1	768.1	770.8	778.9	784.3
62.5°	680.4	681.7	681.7	683.1	689.8	688.5	688.5	696.6	699.3	704.7	714.1
65°	608.8	607.5	607.5	611.5	614.2	615.6	615.6	625.0	627.7	631.8	637.2
67.5°	537.3	538.6	538.6	538.6	545.4	544.0	544.0	552.1	554.8	558.9	561.6
70°	465.7	467.1	468.4	467.1	473.8	471.1	475.2	479.2	481.9	487.3	491.4
72.5°	394.2	395.5	396.9	396.9	402.3	399.6	403.6	407.7	414.4	415.8	418.5
75°	321.3	322.6	324.0	324.0	328.0	325.3	329.4	333.4	336.1	341.5	345.6
77.5°	251.1	252.4	255.1	255.1	257.8	255.1	259.2	264.6	267.3	270.0	275.4
80°	182.2	183.6	186.3	186.3	190.3	187.6	190.3	194.4	198.4	202.5	205.2
82.5°	116.1	117.4	118.8	120.1	124.2	124.2	124.2	128.2	133.6	133.6	137.7
85°	54.0	55.3	56.7	56.7	60.7	60.7	60.7	64.8	67.5	70.2	72.9
87.5°	6.7	8.1	8.1	8.1	9.4	9.4	9.4	10.8	12.1	13.5	16.2
90°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
92.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
95°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
97.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	6.7	6.7	6.7	8.1
100°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	9.4	9.4	10.8	12.1
102.5°	10.8	10.8	10.8	12.1	12.1	12.1	12.1	13.5	14.8	16.2	20.2
105°	14.8	14.8	14.8	16.2	16.2	17.5	17.5	18.9	22.9	27.0	37.8
107.5°	21.6	21.6	21.6	22.9	24.3	25.6	27.0	32.4	40.5	56.7	87.7
110°	32.4	32.4	33.7	36.4	41.8	45.9	49.9	68.8	97.2	141.7	195.7



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	64.8	66.1	71.5	79.6	99.9	109.3	125.5	174.1	224.1	271.3	294.3
115°	166.0	170.1	175.5	202.5	243.0	257.8	279.4	325.3	344.2	349.6	344.2
117.5°	345.6	351.0	352.3	376.6	386.1	390.1	395.5	400.9	394.2	386.1	375.3
120°	445.5	448.2	444.1	441.4	444.1	440.1	437.4	430.6	419.8	413.1	402.3
122.5°	479.2	480.6	475.2	471.1	468.4	467.1	463.0	452.2	440.1	434.7	422.5
125°	499.5	499.5	496.8	490.0	487.3	486.0	481.9	473.8	461.7	452.2	442.8
127.5°	517.0	517.0	511.6	506.2	503.5	502.2	494.1	487.3	480.6	468.4	457.6
130°	530.5	529.2	525.1	519.7	518.4	514.3	511.6	502.2	495.4	487.3	473.8
132.5°	540.0	541.3	535.9	535.9	533.2	525.1	523.8	515.7	507.6	498.1	488.7
135°	548.1	552.1	548.1	546.7	542.7	535.9	531.9	526.5	518.4	508.9	499.5
137.5°	558.9	556.2	557.5	554.8	552.1	546.7	542.7	540.0	530.5	522.4	511.6
140°	565.6	565.6	565.6	562.9	557.5	556.2	556.2	546.7	545.4	535.9	523.8
142.5°	573.7	572.4	571.0	567.0	568.3	564.3	558.9	558.9	550.8	544.0	537.3
145°	577.8	579.1	572.4	576.4	571.0	569.7	564.3	564.3	558.9	548.1	542.7
147.5°	584.5	583.2	579.1	580.5	576.4	575.1	571.0	568.3	560.2	554.8	548.1
150°	588.6	583.2	585.9	585.9	576.4	576.4	575.1	573.7	567.0	561.6	553.5
152.5°	591.3	588.6	587.2	588.6	580.5	580.5	579.1	573.7	571.0	564.3	558.9
155°	592.6	588.6	588.6	588.6	584.5	581.8	579.1	575.1	572.4	565.6	560.2
157.5°	591.3	591.3	587.2	588.6	587.2	583.2	576.4	576.4	576.4	569.7	561.6
160°	585.9	588.6	588.6	588.6	587.2	585.9	577.8	579.1	575.1	572.4	564.3
162.5°	594.0	588.6	588.6	587.2	585.9	584.5	581.8	581.8	577.8	572.4	568.3
165°	588.6	588.6	588.6	581.8	584.5	581.8	579.1	579.1	576.4	569.7	569.7
167.5°	583.2	581.8	580.5	577.8	579.1	575.1	573.7	575.1	571.0	569.7	565.6
170°	576.4	576.4	573.7	573.7	572.4	571.0	572.4	572.4	568.3	569.7	562.9
172.5°	568.3	571.0	569.7	568.3	565.6	565.6	564.3	562.9	561.6	564.3	558.9
175°	560.2	560.2	560.2	560.2	560.2	560.2	558.9	561.6	557.5	557.5	553.5
177.5°	542.7	548.1	545.4	552.1	553.5	552.1	553.5	552.1	548.1	552.1	544.0
180°	538.6	538.6	538.6	538.6	538.6	538.6	538.6	538.6	538.6	538.6	538.6



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	2012.8	2012.8	2012.8	2012.8	2012.8	2012.8	2012.8	2012.8	2012.8	2012.8	2012.8
2.5°	2004.7	2006.1	2006.1	2007.4	2008.8	2007.4	2007.4	2016.9	2025.0	2030.4	2025.0
5°	1993.9	1993.9	1993.9	1995.3	1996.6	1995.3	1995.3	2004.7	2012.8	2016.9	2012.8
7.5°	1977.7	1977.7	1977.7	1979.1	1980.4	1980.4	1980.4	1989.9	1998.0	2002.0	1996.6
10°	1956.1	1957.5	1957.5	1958.8	1961.5	1961.5	1962.9	1971.0	1979.1	1984.5	1979.1
12.5°	1930.5	1933.2	1934.5	1937.2	1938.6	1939.9	1941.3	1950.7	1957.5	1964.2	1958.8
15°	1903.5	1906.2	1908.9	1911.6	1912.9	1914.3	1914.3	1923.7	1930.5	1935.9	1930.5
17.5°	1871.1	1873.8	1872.4	1873.8	1873.8	1873.8	1873.8	1880.5	1888.6	1895.4	1888.6
20°	1826.5	1827.9	1826.5	1826.5	1827.9	1829.2	1827.9	1837.3	1844.1	1850.8	1844.1
22.5°	1777.9	1776.6	1776.6	1779.3	1779.3	1783.3	1783.3	1791.4	1798.2	1803.6	1799.5
25°	1723.9	1725.3	1726.6	1728.0	1730.7	1733.4	1736.1	1744.2	1752.3	1756.3	1752.3
27.5°	1671.3	1671.3	1672.6	1678.0	1679.4	1684.8	1687.5	1695.6	1702.3	1709.1	1703.7
30°	1617.3	1617.3	1622.7	1625.4	1626.7	1629.4	1628.1	1637.5	1642.9	1649.7	1648.3
32.5°	1561.9	1561.9	1561.9	1563.3	1564.6	1568.7	1567.3	1578.1	1586.2	1588.9	1587.6
35°	1501.2	1494.4	1497.1	1501.2	1502.5	1506.6	1509.3	1514.7	1524.1	1526.8	1525.5
37.5°	1436.4	1432.3	1435.0	1439.1	1440.4	1443.1	1445.8	1452.6	1458.0	1464.7	1463.4
40°	1372.9	1368.9	1370.2	1375.6	1378.3	1381.0	1382.4	1387.8	1393.2	1399.9	1398.6
42.5°	1305.4	1304.1	1304.1	1309.5	1312.2	1312.2	1316.2	1320.3	1324.3	1333.8	1331.1
45°	1235.2	1235.2	1235.2	1240.6	1243.3	1243.3	1248.7	1251.4	1258.2	1262.2	1260.9
47.5°	1154.2	1167.7	1169.1	1173.1	1171.8	1173.1	1179.9	1179.9	1186.6	1189.3	1189.3
50°	1080.0	1090.8	1097.5	1101.6	1102.9	1102.9	1111.0	1111.0	1113.7	1116.4	1120.5
52.5°	1008.4	1012.5	1027.3	1031.4	1036.8	1031.4	1039.5	1039.5	1043.5	1046.2	1047.6
55°	935.5	939.6	946.3	955.8	958.5	959.8	966.6	967.9	970.6	973.3	973.3
57.5°	864.0	866.7	873.4	885.6	886.9	892.3	895.0	895.0	897.7	899.1	901.8
60°	792.4	795.1	800.5	804.6	812.7	815.4	822.1	823.5	826.2	827.5	827.5
62.5°	719.5	722.2	727.6	734.4	738.4	743.8	745.2	746.5	749.2	753.3	753.3
65°	646.6	649.3	654.7	661.5	661.5	662.8	672.3	673.6	676.3	677.7	681.7
67.5°	571.0	575.1	581.8	587.2	587.2	592.6	599.4	600.7	603.4	606.1	607.5
70°	496.8	500.8	507.6	514.3	517.0	518.4	522.4	526.5	530.5	531.9	533.2
72.5°	423.9	427.9	433.3	441.4	442.8	445.5	448.2	452.2	457.6	460.3	460.3
75°	349.6	353.7	360.4	368.5	371.2	369.9	375.3	378.0	383.4	386.1	386.1
77.5°	278.1	280.8	287.5	292.9	295.6	298.3	298.3	301.0	306.4	310.5	309.1
80°	209.2	211.9	217.3	222.7	224.1	228.1	228.1	230.8	234.9	241.6	237.6
82.5°	145.8	144.4	149.8	155.2	156.6	160.6	163.3	163.3	166.0	171.4	168.7
85°	79.6	81.0	85.0	90.4	93.1	94.5	98.5	98.5	101.2	102.6	106.6
87.5°	21.6	21.6	27.0	31.0	33.7	35.1	39.1	39.1	41.8	45.9	43.2
90°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
92.5°	2.7	2.7	2.7	2.7	4.0	4.0	5.4	6.7	6.7	5.4	6.7
95°	5.4	5.4	6.7	8.1	9.4	10.8	14.8	17.5	14.8	12.1	12.1
97.5°	8.1	9.4	13.5	18.9	21.6	27.0	33.7	31.0	27.0	22.9	21.6
100°	14.8	18.9	25.6	40.5	47.2	54.0	58.0	51.3	43.2	35.1	32.4
102.5°	25.6	37.8	60.7	82.3	87.7	90.4	86.4	76.9	64.8	52.6	45.9
105°	55.3	85.0	120.1	132.3	130.9	129.6	117.4	102.6	87.7	72.9	62.1
107.5°	133.6	168.7	182.2	179.5	172.8	166.0	149.8	132.3	113.4	94.5	82.3
110°	230.8	234.9	230.8	217.3	206.5	198.4	180.9	163.3	140.4	120.1	105.3



TEST NUMBER: P303107

CATALOG NUMBER: CTW-F-2575-50L940-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	294.3	280.8	265.9	249.7	238.9	229.5	209.2	189.0	167.4	147.1	130.9
115°	330.7	317.2	298.3	276.7	267.3	259.2	237.6	214.6	193.0	172.8	156.6
117.5°	360.4	342.9	325.3	306.4	297.0	286.2	265.9	244.3	220.0	198.4	183.6
120°	387.4	367.2	349.6	329.4	324.0	313.2	292.9	268.6	244.3	225.4	207.9
122.5°	407.7	390.1	371.2	355.0	345.6	337.5	314.5	292.9	270.0	249.7	233.5
125°	426.6	409.0	391.5	373.9	367.2	357.7	334.8	315.9	294.3	272.7	257.8
127.5°	445.5	425.2	411.7	399.6	387.4	375.3	355.0	337.5	317.2	299.7	282.1
130°	461.7	445.5	429.3	413.1	403.6	395.5	376.6	357.7	341.5	324.0	307.8
132.5°	472.5	460.3	444.1	432.0	418.5	411.7	392.8	376.6	359.1	344.2	328.0
135°	486.0	475.2	457.6	444.1	438.7	429.3	409.0	394.2	379.3	365.8	348.3
137.5°	499.5	487.3	473.8	459.0	450.9	444.1	425.2	414.4	398.2	383.4	369.9
140°	513.0	496.8	487.3	471.1	463.0	459.0	442.8	426.6	415.8	402.3	388.8
142.5°	521.1	507.6	495.4	483.3	477.9	471.1	456.3	438.7	430.6	419.8	405.0
145°	529.2	518.4	503.5	491.4	487.3	481.9	468.4	457.6	446.8	430.6	421.2
147.5°	537.3	525.1	515.7	503.5	495.4	494.1	480.6	469.8	457.6	449.5	436.0
150°	541.3	529.2	522.4	510.3	503.5	503.5	492.7	479.2	473.8	464.4	450.9
152.5°	546.7	538.6	530.5	522.4	514.3	513.0	503.5	494.1	483.3	473.8	465.7
155°	552.1	545.4	538.6	527.8	522.4	521.1	511.6	503.5	495.4	487.3	477.9
157.5°	554.8	544.0	540.0	533.2	529.2	525.1	515.7	508.9	506.2	496.8	486.0
160°	556.2	548.1	542.7	535.9	537.3	530.5	523.8	521.1	514.3	507.6	499.5
162.5°	557.5	554.8	546.7	541.3	540.0	534.6	530.5	526.5	522.4	517.0	510.3
165°	560.2	557.5	552.1	541.3	542.7	538.6	537.3	529.2	530.5	526.5	514.3
167.5°	558.9	554.8	549.4	549.4	542.7	542.7	538.6	537.3	533.2	529.2	521.1
170°	557.5	554.8	548.1	546.7	548.1	544.0	540.0	540.0	537.3	534.6	531.9
172.5°	553.5	550.8	546.7	550.8	546.7	544.0	541.3	535.9	541.3	535.9	530.5
175°	548.1	548.1	544.0	542.7	544.0	541.3	542.7	541.3	538.6	538.6	537.3
177.5°	544.0	545.4	540.0	541.3	542.7	540.0	542.7	542.7	544.0	540.0	542.7
180°	538.6	538.6	538.6	538.6	538.6	538.6	538.6	538.6	538.6	538.6	538.6



TEST NUMBER: P303107

CATALOG NUMBER: CTW-F-2575-50L940-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	2012.8	2012.8	2012.8	2012.8	2012.8	2012.8	2012.8	2012.8	2012.8	2012.8	2012.8
2.5°	2019.6	2011.5	2008.8	2008.8	2007.4	2002.0	2000.7	2000.7	2010.1	2022.3	2008.8
5°	2006.1	1998.0	1995.3	1996.6	1995.3	1989.9	1989.9	1989.9	2000.7	2012.8	1999.3
7.5°	1991.2	1983.1	1980.4	1980.4	1979.1	1973.7	1973.7	1973.7	1984.5	1993.9	1983.1
10°	1972.3	1964.2	1961.5	1961.5	1958.8	1953.4	1952.1	1953.4	1964.2	1971.0	1960.2
12.5°	1952.1	1942.6	1939.9	1938.6	1935.9	1930.5	1927.8	1927.8	1939.9	1945.3	1933.2
15°	1925.1	1917.0	1912.9	1914.3	1911.6	1904.8	1903.5	1900.8	1911.6	1912.9	1904.8
17.5°	1884.6	1876.5	1875.1	1876.5	1873.8	1868.4	1869.7	1868.4	1880.5	1876.5	1868.4
20°	1838.7	1830.6	1829.2	1830.6	1826.5	1825.2	1827.9	1829.2	1844.1	1837.3	1827.9
22.5°	1792.8	1783.3	1783.3	1782.0	1777.9	1775.2	1776.6	1779.3	1798.2	1791.4	1784.7
25°	1744.2	1736.1	1734.7	1733.4	1729.3	1725.3	1723.9	1723.9	1742.8	1734.7	1736.1
27.5°	1699.6	1687.5	1683.4	1682.1	1678.0	1672.6	1671.3	1671.3	1686.1	1676.7	1682.1
30°	1641.6	1632.1	1630.8	1630.8	1626.7	1621.3	1617.3	1618.6	1629.4	1614.6	1617.3
32.5°	1582.2	1571.4	1572.7	1570.0	1566.0	1566.0	1563.3	1563.3	1568.7	1552.5	1555.2
35°	1520.1	1512.0	1510.6	1507.9	1502.5	1499.8	1501.2	1506.6	1506.6	1490.4	1490.4
37.5°	1456.6	1447.2	1448.5	1444.5	1440.4	1437.7	1437.7	1444.5	1445.8	1429.6	1426.9
40°	1393.2	1385.1	1382.4	1382.4	1378.3	1375.6	1374.3	1382.4	1374.3	1370.2	1359.4
42.5°	1325.7	1317.6	1314.9	1314.9	1313.5	1312.2	1310.8	1316.2	1306.8	1296.0	1283.8
45°	1256.8	1254.1	1250.1	1246.0	1244.7	1244.7	1246.0	1246.0	1231.2	1219.0	1216.3
47.5°	1185.3	1185.3	1179.9	1178.5	1178.5	1177.2	1177.2	1170.4	1159.6	1151.5	1147.5
50°	1116.4	1113.7	1108.3	1109.7	1109.7	1107.0	1104.3	1092.1	1088.1	1081.3	1077.3
52.5°	1046.2	1047.6	1038.1	1040.8	1039.5	1034.1	1027.3	1021.9	1017.9	1011.1	1007.1
55°	972.0	969.3	966.6	972.0	969.3	958.5	953.1	950.4	946.3	939.6	936.9
57.5°	901.8	903.1	896.4	897.7	893.7	884.2	884.2	880.2	877.5	868.0	865.3
60°	827.5	822.1	824.8	827.5	815.4	811.3	812.7	808.6	805.9	796.5	793.8
62.5°	753.3	753.3	753.3	746.5	743.8	739.8	741.1	737.1	731.7	724.9	723.6
65°	681.7	679.0	673.6	673.6	670.9	668.2	669.6	666.9	657.4	653.4	652.0
67.5°	608.8	603.4	600.7	602.1	598.0	595.3	596.7	594.0	585.9	580.5	580.5
70°	537.3	526.5	527.8	527.8	525.1	521.1	522.4	517.0	513.0	513.0	508.9
72.5°	461.7	457.6	454.9	453.6	452.2	448.2	448.2	444.1	442.8	441.4	438.7
75°	387.4	382.0	382.0	382.0	379.3	376.6	376.6	371.2	368.5	371.2	367.2
77.5°	310.5	307.8	307.8	307.8	303.7	302.4	303.7	298.3	299.7	297.0	294.3
80°	240.3	237.6	237.6	236.2	237.6	232.2	233.5	229.5	229.5	228.1	225.4
82.5°	172.8	170.1	168.7	167.4	166.0	164.7	166.0	164.7	162.0	159.3	156.6
85°	108.0	103.9	103.9	103.9	103.9	99.9	99.9	97.2	93.1	91.8	89.1
87.5°	47.2	44.5	41.8	40.5	41.8	37.8	39.1	37.8	35.1	33.7	31.0
90°	1.3	2.7	4.0	4.0	4.0	4.0	4.0	4.0	4.0	5.4	5.4
92.5°	8.1	10.8	10.8	10.8	10.8	12.1	12.1	12.1	10.8	10.8	12.1
95°	14.8	17.5	20.2	21.6	21.6	22.9	22.9	21.6	21.6	21.6	21.6
97.5°	21.6	24.3	25.6	27.0	28.3	31.0	32.4	33.7	33.7	33.7	33.7
100°	31.0	31.0	33.7	36.4	36.4	36.4	39.1	40.5	43.2	44.5	44.5
102.5°	41.8	40.5	40.5	41.8	44.5	47.2	45.9	45.9	48.6	49.9	52.6
105°	56.7	52.6	51.3	49.9	51.3	54.0	56.7	56.7	55.3	55.3	56.7
107.5°	74.2	67.5	63.4	62.1	60.7	62.1	63.4	66.1	67.5	67.5	66.1
110°	94.5	83.7	78.3	75.6	72.9	71.5	71.5	74.2	75.6	78.3	79.6



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CATALOG NUMBER: CTW-F-2575-50L940-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	117.4	103.9	95.8	91.8	87.7	85.0	82.3	82.3	83.7	86.4	89.1
115°	141.7	126.9	116.1	110.7	105.3	98.5	95.8	93.1	91.8	94.5	95.8
117.5°	167.4	152.5	137.7	130.9	125.5	117.4	109.3	106.6	103.9	101.2	102.6
120°	191.7	176.8	160.6	155.2	148.5	137.7	126.9	120.1	117.4	114.7	112.0
122.5°	218.7	202.5	184.9	178.2	172.8	159.3	148.5	139.0	132.3	128.2	124.2
125°	243.0	226.8	210.6	203.8	195.7	183.6	171.4	160.6	151.2	144.4	137.7
127.5°	265.9	251.1	234.9	228.1	222.7	206.5	195.7	183.6	174.1	166.0	157.9
130°	294.3	271.3	259.2	252.4	245.7	233.5	218.7	207.9	198.4	189.0	179.5
132.5°	314.5	299.7	279.4	275.4	268.6	255.1	244.3	232.2	222.7	211.9	202.5
135°	333.4	319.9	307.8	298.3	294.3	278.1	267.3	256.5	245.7	237.6	228.1
137.5°	355.0	340.2	325.3	322.6	314.5	303.7	294.3	280.8	271.3	260.5	252.4
140°	375.3	360.4	349.6	338.8	334.8	326.7	317.2	307.8	297.0	286.2	276.7
142.5°	394.2	379.3	367.2	361.8	355.0	345.6	336.1	329.4	321.3	313.2	303.7
145°	410.4	395.5	386.1	380.7	375.3	364.5	356.4	351.0	342.9	333.4	325.3
147.5°	423.9	413.1	402.3	399.6	388.8	382.0	376.6	368.5	365.8	355.0	349.6
150°	438.7	429.3	421.2	414.4	410.4	399.6	394.2	390.1	383.4	376.6	369.9
152.5°	452.2	444.1	434.7	432.0	426.6	417.1	410.4	403.6	400.9	394.2	387.4
155°	465.7	457.6	449.5	445.5	442.8	436.0	425.2	421.2	418.5	414.4	409.0
157.5°	477.9	468.4	461.7	460.3	453.6	448.2	444.1	437.4	436.0	427.9	425.2
160°	488.7	483.3	473.8	469.8	471.1	463.0	456.3	449.5	454.9	444.1	442.8
162.5°	499.5	492.7	490.0	484.6	483.3	479.2	473.8	467.1	463.0	465.7	456.3
165°	511.6	504.9	499.5	496.8	494.1	484.6	483.3	479.2	480.6	479.2	476.5
167.5°	517.0	511.6	510.3	504.9	504.9	502.2	496.8	491.4	492.7	492.7	486.0
170°	523.8	518.4	515.7	513.0	513.0	506.2	506.2	502.2	507.6	504.9	499.5
172.5°	530.5	525.1	522.4	523.8	519.7	518.4	514.3	511.6	514.3	517.0	514.3
175°	534.6	529.2	529.2	527.8	523.8	523.8	523.8	521.1	522.4	522.4	518.4
177.5°	538.6	534.6	529.2	533.2	533.2	529.2	526.5	530.5	529.2	537.3	530.5
180°	538.6	538.6	538.6	538.6	538.6	538.6	538.6	538.6	538.6	538.6	538.6



TEST NUMBER: P303107

CATALOG NUMBER: CTW-F-2575-50L940-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	2012.8	2012.8	2012.8	2012.8	2012.8	2012.8	2012.8	2012.8
2.5°	2014.2	2011.5	2010.1	2006.1	2004.7	2000.7	1998.0	2000.7
5°	2003.4	2000.7	1999.3	1996.6	1996.6	1996.6	1996.6	2000.7
7.5°	1985.8	1983.1	1984.5	1981.8	1983.1	1984.5	1984.5	1985.8
10°	1964.2	1961.5	1960.2	1957.5	1958.8	1958.8	1958.8	1962.9
12.5°	1934.5	1931.8	1930.5	1927.8	1930.5	1933.2	1934.5	1935.9
15°	1904.8	1902.1	1900.8	1898.1	1900.8	1903.5	1902.1	1906.2
17.5°	1868.4	1865.7	1863.0	1860.3	1861.6	1863.0	1863.0	1864.3
20°	1823.8	1819.8	1817.1	1814.4	1815.7	1815.7	1818.4	1819.8
22.5°	1773.9	1769.8	1767.1	1765.8	1764.4	1764.4	1769.8	1771.2
25°	1728.0	1717.2	1715.8	1714.5	1713.1	1711.8	1715.8	1717.2
27.5°	1675.3	1665.9	1661.8	1659.1	1657.8	1655.1	1657.8	1665.9
30°	1617.3	1610.5	1606.5	1601.1	1601.1	1597.0	1601.1	1601.1
32.5°	1552.5	1551.1	1547.1	1545.7	1540.3	1536.3	1539.0	1547.1
35°	1485.0	1486.3	1486.3	1483.6	1475.5	1470.1	1471.5	1479.6
37.5°	1418.8	1413.4	1414.8	1409.4	1397.2	1391.8	1391.8	1395.9
40°	1340.5	1333.8	1335.1	1332.4	1328.4	1325.7	1327.0	1324.3
42.5°	1274.4	1267.6	1270.3	1266.3	1262.2	1258.2	1260.9	1259.5
45°	1206.9	1200.1	1198.8	1201.5	1194.7	1194.7	1193.4	1194.7
47.5°	1138.0	1132.6	1134.0	1134.0	1127.2	1127.2	1125.9	1129.9
50°	1069.2	1065.1	1065.1	1062.4	1059.7	1058.4	1058.4	1059.7
52.5°	1003.0	996.3	994.9	997.6	989.5	990.9	990.9	989.5
55°	930.1	926.1	926.1	927.4	920.7	922.0	922.0	920.7
57.5°	864.0	857.2	857.2	858.6	854.5	853.2	851.8	853.2
60°	793.8	787.0	787.0	788.4	780.3	783.0	783.0	784.3
62.5°	723.6	720.9	715.5	714.1	714.1	712.8	714.1	712.8
65°	652.0	649.3	643.9	646.6	639.9	642.6	639.9	641.2
67.5°	580.5	577.8	573.7	575.1	569.7	572.4	572.4	572.4
70°	508.9	506.2	502.2	500.8	502.2	500.8	500.8	500.8
72.5°	437.4	436.0	430.6	430.6	432.0	430.6	427.9	429.3
75°	363.1	364.5	359.1	360.4	361.8	360.4	360.4	357.7
77.5°	290.2	291.6	290.2	287.5	288.9	288.9	287.5	286.2
80°	221.4	222.7	221.4	218.7	220.0	218.7	218.7	217.3
82.5°	152.5	153.9	151.2	148.5	149.8	148.5	147.1	145.8
85°	86.4	86.4	86.4	83.7	85.0	85.0	83.7	82.3
87.5°	29.7	29.7	29.7	29.7	29.7	29.7	29.7	28.3
90°	5.4	6.7	5.4	5.4	5.4	5.4	5.4	5.4
92.5°	12.1	12.1	10.8	10.8	10.8	9.4	9.4	10.8
95°	21.6	22.9	21.6	21.6	21.6	21.6	21.6	21.6
97.5°	33.7	33.7	33.7	32.4	32.4	31.0	31.0	32.4
100°	45.9	45.9	45.9	45.9	45.9	44.5	44.5	45.9
102.5°	54.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3
105°	59.4	60.7	60.7	60.7	62.1	62.1	62.1	62.1
107.5°	66.1	67.5	67.5	67.5	67.5	67.5	68.8	67.5
110°	79.6	78.3	76.9	76.9	76.9	75.6	76.9	76.9



TEST NUMBER: P303107

CATALOG NUMBER: CTW-F-2575-50L940-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	90.4	91.8	91.8	91.8	91.8	91.8	90.4	91.8
115°	98.5	99.9	99.9	101.2	101.2	101.2	102.6	102.6
117.5°	105.3	106.6	106.6	108.0	108.0	109.3	110.7	110.7
120°	112.0	113.4	113.4	113.4	114.7	114.7	114.7	116.1
122.5°	122.8	121.5	121.5	121.5	121.5	120.1	121.5	121.5
125°	136.3	133.6	132.3	132.3	130.9	129.6	129.6	129.6
127.5°	151.2	148.5	147.1	145.8	144.4	141.7	141.7	140.4
130°	171.4	166.0	164.7	162.0	157.9	156.6	156.6	155.2
132.5°	194.4	189.0	184.9	183.6	178.2	175.5	174.1	174.1
135°	220.0	213.3	210.6	207.9	202.5	198.4	198.4	195.7
137.5°	244.3	236.2	234.9	233.5	228.1	224.1	221.4	218.7
140°	267.3	261.9	257.8	257.8	252.4	247.0	245.7	243.0
142.5°	294.3	288.9	280.8	280.8	274.0	272.7	270.0	268.6
145°	317.2	311.8	309.1	309.1	301.0	299.7	295.6	297.0
147.5°	340.2	336.1	332.1	332.1	325.3	322.6	319.9	318.6
150°	363.1	357.7	355.0	355.0	349.6	345.6	344.2	342.9
152.5°	382.0	376.6	376.6	375.3	368.5	368.5	365.8	367.2
155°	402.3	396.9	398.2	395.5	391.5	388.8	387.4	387.4
157.5°	419.8	417.1	414.4	413.1	411.7	410.4	407.7	406.3
160°	438.7	436.0	433.3	432.0	432.0	429.3	426.6	429.3
162.5°	456.3	452.2	452.2	450.9	450.9	448.2	446.8	448.2
165°	471.1	468.4	468.4	468.4	465.7	468.4	464.4	464.4
167.5°	484.6	484.6	483.3	479.2	479.2	477.9	479.2	480.6
170°	496.8	498.1	495.4	494.1	494.1	494.1	494.1	494.1
172.5°	511.6	508.9	510.3	506.2	507.6	504.9	503.5	506.2
175°	521.1	519.7	519.7	519.7	515.7	517.0	514.3	513.0
177.5°	530.5	530.5	529.2	529.2	527.8	526.5	526.5	523.8
180°	538.6	538.6	538.6	538.6	538.6	538.6	538.6	538.6

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