

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: P303105

Luminaire Tested: **CTW-F-2575-50L930-UNV-STD-6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303105
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-2575-50L930-UNV-STD-6
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 5000 LUMEN PACKAGE
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

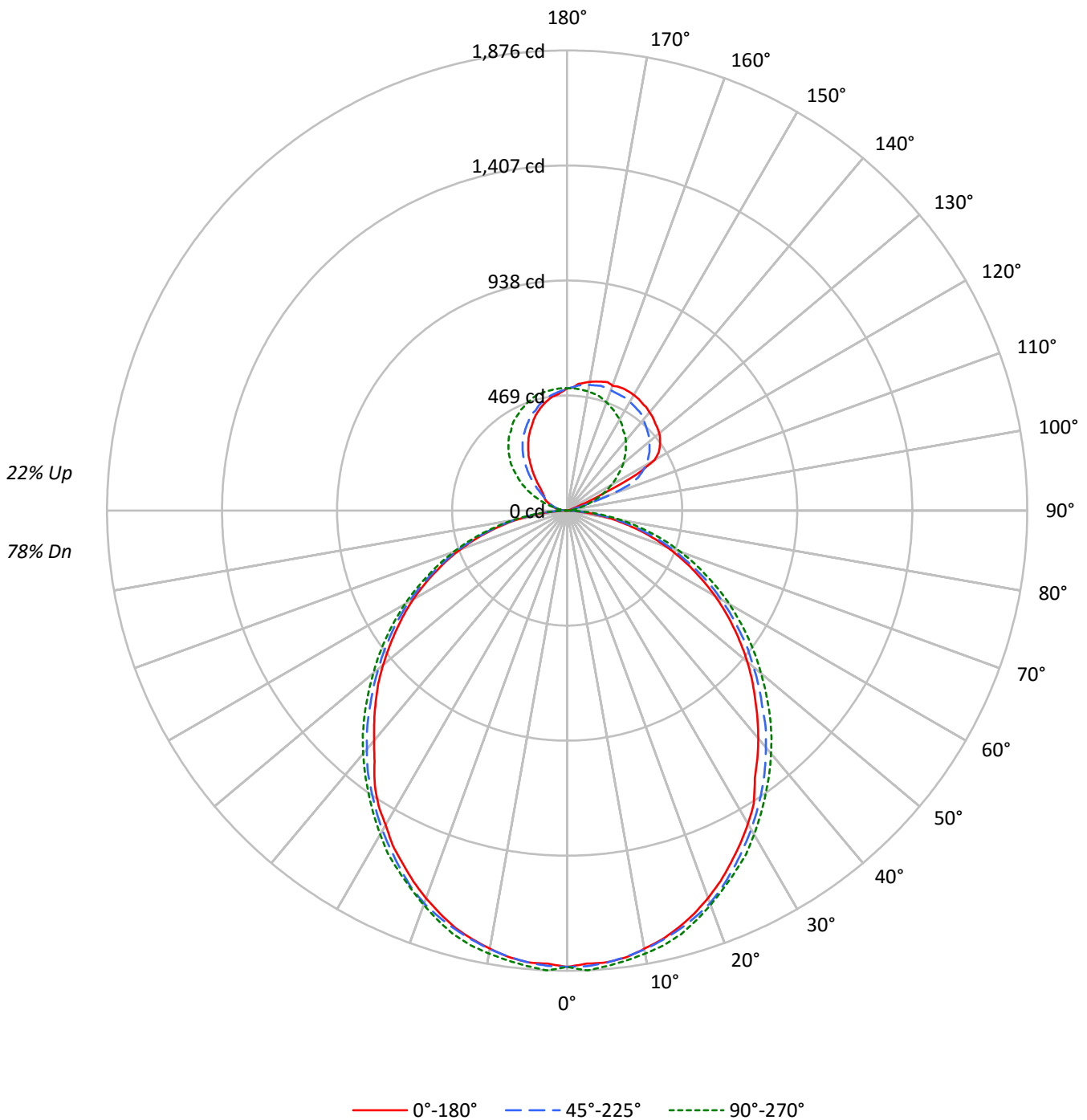
Lumens per Lamp: N/A
Luminaire Lumens: 6355.5 lumens
Efficiency: N/A
Efficacy: 96.1 lumens/watt
Spacing Criteria (0/90/45): 1.19 / 1.22 / 1.32
Luminous Opening: Rectangular (W 6' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

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°	26697	26697	26697
5°	26637	26853	26637
10°	26436	26727	26436
15°	26137	26583	26174
20°	25666	26124	25686
25°	25052	25703	25129
30°	24439	25266	24520
35°	23367	24721	23957
40°	22720	24239	22930
45°	22006	23676	22410
50°	21421	23038	21868
55°	20698	22507	21291
60°	19984	21953	20807
65°	19109	21269	20124
70°	18060	20629	19424
75°	16464	19785	18332
80°	13918	18456	16604
85°	8217	15611	12531



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	175.4	2.8
10°-20°	497.0	7.8
20°-30°	735.8	11.6
30°-40°	862.4	13.6
40°-50°	871.0	13.7
50°-60°	776.1	12.2
60°-70°	594.8	9.4
70°-80°	351.5	5.5
80°-90°	94.1	1.5
90°-100°	15.0	0.2
100°-110°	60.8	1.0
110°-120°	168.4	2.6
120°-130°	244.6	3.8
130°-140°	264.5	4.2
140°-150°	252.8	4.0
150°-160°	207.6	3.3
160°-170°	136.3	2.1
170°-180°	47.3	0.7
0°-30°	1408.2	22.2
0°-40°	2270.5	35.7
0°-60°	3917.6	61.6
0°-90°	4958.2	78.0
90°-120°	244.2	3.8
90°-150°	1006.1	15.8
90°-180°	1397.0	22.0
0°-180°	6355.5	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1860	1860	1860	1860	1860	
5°	1849	1850	1864	1849	1849	175
15°	1759	1768	1789	1767	1762	496
25°	1582	1607	1623	1611	1587	729
35°	1334	1386	1411	1392	1367	840
45°	1084	1124	1166	1138	1104	838
55°	827	860	900	875	851	740
65°	563	589	626	608	593	557
75°	297	319	357	341	331	314
85°	50	67	95	86	76	66
90°	1	1	1	4	5	2
95°	4	4	11	20	20	4
105°	14	35	67	51	57	16
115°	154	318	160	85	95	184
125°	462	409	252	140	120	411
135°	506	462	338	227	181	392
145°	534	502	398	317	274	335
155°	548	518	450	387	358	253
165°	544	526	487	444	429	154
175°	518	512	498	483	474	50
180°	498	498	498	498	498	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1860.2	1860.2	1860.2	1860.2	1860.2	1860.2	1860.2	1860.2	1860.2	1860.2	1860.2
2.5°	1848.9	1846.4	1851.4	1855.2	1855.2	1857.7	1860.2	1863.9	1861.4	1867.7	1858.9
5°	1848.9	1845.2	1847.7	1847.7	1846.4	1848.9	1850.2	1855.2	1852.7	1858.9	1850.2
7.5°	1837.7	1835.2	1835.2	1836.5	1832.7	1835.2	1836.5	1840.2	1836.5	1842.7	1835.2
10°	1814.0	1812.8	1814.0	1815.3	1811.5	1814.0	1814.0	1816.5	1816.5	1821.5	1816.5
12.5°	1790.3	1786.6	1789.1	1787.8	1784.1	1786.6	1787.8	1792.8	1792.8	1796.5	1794.0
15°	1759.1	1757.9	1760.4	1760.4	1756.6	1757.9	1759.1	1762.9	1764.1	1767.8	1767.8
17.5°	1722.9	1720.4	1722.9	1722.9	1720.4	1721.7	1724.2	1729.2	1730.4	1735.4	1737.9
20°	1680.5	1676.8	1678.0	1678.0	1678.0	1679.3	1681.8	1688.0	1693.0	1699.2	1703.0
22.5°	1634.4	1630.6	1629.4	1629.4	1630.6	1631.9	1631.9	1643.1	1649.3	1653.1	1658.1
25°	1582.0	1578.2	1578.2	1582.0	1580.7	1583.2	1586.9	1596.9	1601.9	1598.2	1606.9
27.5°	1529.6	1527.1	1524.6	1527.1	1529.6	1532.0	1538.3	1545.8	1545.8	1548.3	1554.5
30°	1474.7	1468.4	1468.4	1472.2	1475.9	1480.9	1485.9	1489.6	1488.4	1492.1	1500.9
32.5°	1416.0	1413.5	1411.0	1414.8	1421.0	1424.8	1427.2	1427.2	1428.5	1434.7	1443.5
35°	1333.7	1332.4	1337.4	1348.7	1358.6	1364.9	1363.6	1363.6	1367.4	1374.9	1386.1
37.5°	1273.8	1272.5	1272.5	1278.8	1281.3	1285.0	1287.5	1298.7	1307.5	1318.7	1324.9
40°	1212.7	1211.4	1210.2	1217.7	1220.1	1220.1	1222.6	1227.6	1238.9	1258.8	1260.1
42.5°	1147.8	1149.0	1147.8	1154.0	1156.5	1159.0	1160.3	1164.0	1171.5	1184.0	1197.7
45°	1084.2	1085.4	1084.2	1090.4	1092.9	1094.1	1096.6	1100.4	1106.6	1117.8	1124.1
47.5°	1021.8	1021.8	1019.3	1026.8	1029.3	1031.8	1033.0	1035.5	1045.5	1053.0	1059.2
50°	959.4	956.9	954.4	961.9	964.4	966.9	969.4	973.1	975.6	988.1	991.8
52.5°	893.3	892.0	890.8	897.0	899.5	900.8	904.5	908.2	913.2	924.5	928.2
55°	827.2	827.2	824.7	830.9	832.1	835.9	838.4	843.4	845.9	857.1	859.6
57.5°	762.3	762.3	758.5	764.8	766.0	769.8	772.3	776.0	779.7	787.2	793.5
60°	696.2	692.4	692.4	697.4	699.9	703.6	706.1	709.9	712.4	719.9	724.9
62.5°	628.8	630.0	630.0	631.3	637.5	636.3	636.3	643.8	646.3	651.2	660.0
65°	562.7	561.4	561.4	565.2	567.7	568.9	568.9	577.6	580.1	583.9	588.9
67.5°	496.5	497.8	497.8	497.8	504.0	502.8	502.8	510.3	512.8	516.5	519.0
70°	430.4	431.7	432.9	431.7	437.9	435.4	439.2	442.9	445.4	450.4	454.1
72.5°	364.3	365.5	366.8	366.8	371.8	369.3	373.0	376.8	383.0	384.3	386.8
75°	296.9	298.2	299.4	299.4	303.2	300.7	304.4	308.2	310.7	315.6	319.4
77.5°	232.1	233.3	235.8	235.8	238.3	235.8	239.5	244.5	247.0	249.5	254.5
80°	168.4	169.7	172.2	172.2	175.9	173.4	175.9	179.7	183.4	187.1	189.6
82.5°	107.3	108.5	109.8	111.0	114.8	114.8	114.8	118.5	123.5	123.5	127.3
85°	49.9	51.2	52.4	52.4	56.1	56.1	56.1	59.9	62.4	64.9	67.4
87.5°	6.2	7.5	7.5	7.5	8.7	8.7	8.7	10.0	11.2	12.5	15.0
90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
92.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
95°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
97.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	6.2	6.2	6.2	7.5
100°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	8.7	8.7	10.0	11.2
102.5°	10.0	10.0	10.0	11.2	11.2	11.2	11.2	12.5	13.7	15.0	18.7
105°	13.7	13.7	13.7	15.0	15.0	16.2	16.2	17.5	21.2	25.0	34.9
107.5°	20.0	20.0	20.0	21.2	22.5	23.7	25.0	29.9	37.4	52.4	81.1
110°	29.9	29.9	31.2	33.7	38.7	42.4	46.2	63.6	89.8	131.0	180.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	59.9	61.1	66.1	73.6	92.3	101.1	116.0	160.9	207.1	250.8	272.0
115°	153.5	157.2	162.2	187.1	224.6	238.3	258.3	300.7	318.1	323.1	318.1
117.5°	319.4	324.4	325.6	348.1	356.8	360.6	365.5	370.5	364.3	356.8	346.8
120°	411.7	414.2	410.5	408.0	410.5	406.7	404.2	398.0	388.0	381.8	371.8
122.5°	442.9	444.1	439.2	435.4	432.9	431.7	427.9	417.9	406.7	401.7	390.5
125°	461.6	461.6	459.1	452.9	450.4	449.1	445.4	437.9	426.7	417.9	409.2
127.5°	477.8	477.8	472.8	467.8	465.4	464.1	456.6	450.4	444.1	432.9	422.9
130°	490.3	489.1	485.3	480.3	479.1	475.3	472.8	464.1	457.9	450.4	437.9
132.5°	499.0	500.3	495.3	495.3	492.8	485.3	484.1	476.6	469.1	460.4	451.6
135°	506.5	510.3	506.5	505.3	501.5	495.3	491.6	486.6	479.1	470.3	461.6
137.5°	516.5	514.0	515.3	512.8	510.3	505.3	501.5	499.0	490.3	482.8	472.8
140°	522.7	522.7	522.7	520.2	515.3	514.0	514.0	505.3	504.0	495.3	484.1
142.5°	530.2	529.0	527.7	524.0	525.2	521.5	516.5	516.5	509.0	502.8	496.5
145°	534.0	535.2	529.0	532.7	527.7	526.5	521.5	521.5	516.5	506.5	501.5
147.5°	540.2	539.0	535.2	536.5	532.7	531.5	527.7	525.2	517.8	512.8	506.5
150°	544.0	539.0	541.5	541.5	532.7	532.7	531.5	530.2	524.0	519.0	511.5
152.5°	546.4	544.0	542.7	544.0	536.5	536.5	535.2	530.2	527.7	521.5	516.5
155°	547.7	544.0	544.0	544.0	540.2	537.7	535.2	531.5	529.0	522.7	517.8
157.5°	546.4	546.4	542.7	544.0	542.7	539.0	532.7	532.7	532.7	526.5	519.0
160°	541.5	544.0	544.0	544.0	542.7	541.5	534.0	535.2	531.5	529.0	521.5
162.5°	548.9	544.0	544.0	542.7	541.5	540.2	537.7	537.7	534.0	529.0	525.2
165°	544.0	544.0	544.0	537.7	540.2	537.7	535.2	535.2	532.7	526.5	526.5
167.5°	539.0	537.7	536.5	534.0	535.2	531.5	530.2	531.5	527.7	526.5	522.7
170°	532.7	532.7	530.2	530.2	529.0	527.7	529.0	529.0	525.2	526.5	520.2
172.5°	525.2	527.7	526.5	525.2	522.7	522.7	521.5	520.2	519.0	521.5	516.5
175°	517.8	517.8	517.8	517.8	517.8	517.8	516.5	519.0	515.3	515.3	511.5
177.5°	501.5	506.5	504.0	510.3	511.5	510.3	511.5	510.3	506.5	510.3	502.8
180°	497.8	497.8	497.8	497.8	497.8	497.8	497.8	497.8	497.8	497.8	497.8



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1860.2	1860.2	1860.2	1860.2	1860.2	1860.2	1860.2	1860.2	1860.2	1860.2	1860.2
2.5°	1852.7	1853.9	1853.9	1855.2	1856.4	1855.2	1855.2	1863.9	1871.4	1876.4	1871.4
5°	1842.7	1842.7	1842.7	1843.9	1845.2	1843.9	1843.9	1852.7	1860.2	1863.9	1860.2
7.5°	1827.7	1827.7	1827.7	1829.0	1830.2	1830.2	1830.2	1839.0	1846.4	1850.2	1845.2
10°	1807.8	1809.0	1809.0	1810.3	1812.8	1812.8	1814.0	1821.5	1829.0	1834.0	1829.0
12.5°	1784.1	1786.6	1787.8	1790.3	1791.5	1792.8	1794.0	1802.8	1809.0	1815.3	1810.3
15°	1759.1	1761.6	1764.1	1766.6	1767.8	1769.1	1769.1	1777.8	1784.1	1789.1	1784.1
17.5°	1729.2	1731.7	1730.4	1731.7	1731.7	1731.7	1731.7	1737.9	1745.4	1751.6	1745.4
20°	1688.0	1689.2	1688.0	1688.0	1689.2	1690.5	1689.2	1698.0	1704.2	1710.5	1704.2
22.5°	1643.1	1641.8	1641.8	1644.3	1644.3	1648.1	1648.1	1655.6	1661.8	1666.8	1663.0
25°	1593.2	1594.4	1595.7	1596.9	1599.4	1601.9	1604.4	1611.9	1619.4	1623.1	1619.4
27.5°	1544.5	1544.5	1545.8	1550.8	1552.0	1557.0	1559.5	1567.0	1573.2	1579.5	1574.5
30°	1494.6	1494.6	1499.6	1502.1	1503.4	1505.8	1504.6	1513.3	1518.3	1524.6	1523.3
32.5°	1443.5	1443.5	1443.5	1444.7	1446.0	1449.7	1448.5	1458.4	1465.9	1468.4	1467.2
35°	1387.3	1381.1	1383.6	1387.3	1388.6	1392.3	1394.8	1399.8	1408.5	1411.0	1409.8
37.5°	1327.4	1323.7	1326.2	1329.9	1331.2	1333.7	1336.2	1342.4	1347.4	1353.6	1352.4
40°	1268.8	1265.1	1266.3	1271.3	1273.8	1276.3	1277.5	1282.5	1287.5	1293.8	1292.5
42.5°	1206.4	1205.2	1205.2	1210.2	1212.7	1212.7	1216.4	1220.1	1223.9	1232.6	1230.1
45°	1141.6	1141.6	1141.6	1146.5	1149.0	1149.0	1154.0	1156.5	1162.8	1166.5	1165.3
47.5°	1066.7	1079.2	1080.4	1084.2	1082.9	1084.2	1090.4	1090.4	1096.6	1099.1	1099.1
50°	998.1	1008.1	1014.3	1018.0	1019.3	1019.3	1026.8	1026.8	1029.3	1031.8	1035.5
52.5°	932.0	935.7	949.4	953.2	958.2	953.2	960.6	960.6	964.4	966.9	968.1
55°	864.6	868.3	874.6	883.3	885.8	887.0	893.3	894.5	897.0	899.5	899.5
57.5°	798.5	801.0	807.2	818.4	819.7	824.7	827.2	827.2	829.7	830.9	833.4
60°	732.3	734.8	739.8	743.6	751.1	753.5	759.8	761.0	763.5	764.8	764.8
62.5°	665.0	667.5	672.5	678.7	682.4	687.4	688.7	689.9	692.4	696.2	696.2
65°	597.6	600.1	605.1	611.3	611.3	612.6	621.3	622.6	625.0	626.3	630.0
67.5°	527.7	531.5	537.7	542.7	542.7	547.7	553.9	555.2	557.7	560.2	561.4
70°	459.1	462.9	469.1	475.3	477.8	479.1	482.8	486.6	490.3	491.6	492.8
72.5°	391.7	395.5	400.5	408.0	409.2	411.7	414.2	417.9	422.9	425.4	425.4
75°	323.1	326.9	333.1	340.6	343.1	341.8	346.8	349.3	354.3	356.8	356.8
77.5°	257.0	259.5	265.7	270.7	273.2	275.7	275.7	278.2	283.2	286.9	285.7
80°	193.4	195.9	200.9	205.9	207.1	210.8	210.8	213.3	217.1	223.3	219.6
82.5°	134.7	133.5	138.5	143.5	144.7	148.5	151.0	151.0	153.5	158.4	155.9
85°	73.6	74.9	78.6	83.6	86.1	87.3	91.1	91.1	93.6	94.8	98.6
87.5°	20.0	20.0	25.0	28.7	31.2	32.4	36.2	36.2	38.7	42.4	39.9
90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
92.5°	2.5	2.5	2.5	2.5	3.7	3.7	5.0	6.2	6.2	5.0	6.2
95°	5.0	5.0	6.2	7.5	8.7	10.0	13.7	16.2	13.7	11.2	11.2
97.5°	7.5	8.7	12.5	17.5	20.0	25.0	31.2	28.7	25.0	21.2	20.0
100°	13.7	17.5	23.7	37.4	43.7	49.9	53.6	47.4	39.9	32.4	29.9
102.5°	23.7	34.9	56.1	76.1	81.1	83.6	79.8	71.1	59.9	48.7	42.4
105°	51.2	78.6	111.0	122.3	121.0	119.8	108.5	94.8	81.1	67.4	57.4
107.5°	123.5	155.9	168.4	165.9	159.7	153.5	138.5	122.3	104.8	87.3	76.1
110°	213.3	217.1	213.3	200.9	190.9	183.4	167.2	151.0	129.7	111.0	97.3



TEST NUMBER: P303105

CATALOG NUMBER: CTW-F-2575-50L930-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	272.0	259.5	245.8	230.8	220.8	212.1	193.4	174.7	154.7	136.0	121.0
115°	305.7	293.2	275.7	255.8	247.0	239.5	219.6	198.4	178.4	159.7	144.7
117.5°	333.1	316.9	300.7	283.2	274.5	264.5	245.8	225.8	203.4	183.4	169.7
120°	358.1	339.3	323.1	304.4	299.4	289.4	270.7	248.3	225.8	208.3	192.1
122.5°	376.8	360.6	343.1	328.1	319.4	311.9	290.7	270.7	249.5	230.8	215.8
125°	394.2	378.0	361.8	345.6	339.3	330.6	309.4	291.9	272.0	252.0	238.3
127.5°	411.7	393.0	380.5	369.3	358.1	346.8	328.1	311.9	293.2	277.0	260.7
130°	426.7	411.7	396.7	381.8	373.0	365.5	348.1	330.6	315.6	299.4	284.5
132.5°	436.7	425.4	410.5	399.2	386.8	380.5	363.1	348.1	331.9	318.1	303.2
135°	449.1	439.2	422.9	410.5	405.5	396.7	378.0	364.3	350.6	338.1	321.9
137.5°	461.6	450.4	437.9	424.2	416.7	410.5	393.0	383.0	368.0	354.3	341.8
140°	474.1	459.1	450.4	435.4	427.9	424.2	409.2	394.2	384.3	371.8	359.3
142.5°	481.6	469.1	457.9	446.6	441.6	435.4	421.7	405.5	398.0	388.0	374.3
145°	489.1	479.1	465.4	454.1	450.4	445.4	432.9	422.9	413.0	398.0	389.2
147.5°	496.5	485.3	476.6	465.4	457.9	456.6	444.1	434.2	422.9	415.4	403.0
150°	500.3	489.1	482.8	471.6	465.4	465.4	455.4	442.9	437.9	429.2	416.7
152.5°	505.3	497.8	490.3	482.8	475.3	474.1	465.4	456.6	446.6	437.9	430.4
155°	510.3	504.0	497.8	487.8	482.8	481.6	472.8	465.4	457.9	450.4	441.6
157.5°	512.8	502.8	499.0	492.8	489.1	485.3	476.6	470.3	467.8	459.1	449.1
160°	514.0	506.5	501.5	495.3	496.5	490.3	484.1	481.6	475.3	469.1	461.6
162.5°	515.3	512.8	505.3	500.3	499.0	494.0	490.3	486.6	482.8	477.8	471.6
165°	517.8	515.3	510.3	500.3	501.5	497.8	496.5	489.1	490.3	486.6	475.3
167.5°	516.5	512.8	507.8	507.8	501.5	501.5	497.8	496.5	492.8	489.1	481.6
170°	515.3	512.8	506.5	505.3	506.5	502.8	499.0	499.0	496.5	494.0	491.6
172.5°	511.5	509.0	505.3	509.0	505.3	502.8	500.3	495.3	500.3	495.3	490.3
175°	506.5	506.5	502.8	501.5	502.8	500.3	501.5	500.3	497.8	497.8	496.5
177.5°	502.8	504.0	499.0	500.3	501.5	499.0	501.5	501.5	502.8	499.0	501.5
180°	497.8	497.8	497.8	497.8	497.8	497.8	497.8	497.8	497.8	497.8	497.8



TEST NUMBER: P303105

CATALOG NUMBER: CTW-F-2575-50L930-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1860.2	1860.2	1860.2	1860.2	1860.2	1860.2	1860.2	1860.2	1860.2	1860.2	1860.2
2.5°	1866.4	1858.9	1856.4	1856.4	1855.2	1850.2	1848.9	1848.9	1857.7	1868.9	1856.4
5°	1853.9	1846.4	1843.9	1845.2	1843.9	1839.0	1839.0	1839.0	1848.9	1860.2	1847.7
7.5°	1840.2	1832.7	1830.2	1830.2	1829.0	1824.0	1824.0	1824.0	1834.0	1842.7	1832.7
10°	1822.7	1815.3	1812.8	1812.8	1810.3	1805.3	1804.0	1805.3	1815.3	1821.5	1811.5
12.5°	1804.0	1795.3	1792.8	1791.5	1789.1	1784.1	1781.6	1781.6	1792.8	1797.8	1786.6
15°	1779.1	1771.6	1767.8	1769.1	1766.6	1760.4	1759.1	1756.6	1766.6	1767.8	1760.4
17.5°	1741.6	1734.2	1732.9	1734.2	1731.7	1726.7	1727.9	1726.7	1737.9	1734.2	1726.7
20°	1699.2	1691.7	1690.5	1691.7	1688.0	1686.7	1689.2	1690.5	1704.2	1698.0	1689.2
22.5°	1656.8	1648.1	1648.1	1646.8	1643.1	1640.6	1641.8	1644.3	1661.8	1655.6	1649.3
25°	1611.9	1604.4	1603.2	1601.9	1598.2	1594.4	1593.2	1593.2	1610.6	1603.2	1604.4
27.5°	1570.7	1559.5	1555.8	1554.5	1550.8	1545.8	1544.5	1544.5	1558.2	1549.5	1554.5
30°	1517.1	1508.3	1507.1	1507.1	1503.4	1498.4	1498.4	1495.9	1505.8	1492.1	1494.6
32.5°	1462.2	1452.2	1453.4	1451.0	1447.2	1447.2	1444.7	1444.7	1449.7	1434.7	1437.2
35°	1404.8	1397.3	1396.1	1393.6	1388.6	1386.1	1387.3	1392.3	1392.3	1377.3	1377.3
37.5°	1346.2	1337.4	1338.7	1334.9	1331.2	1328.7	1328.7	1334.9	1336.2	1321.2	1318.7
40°	1287.5	1280.0	1277.5	1277.5	1273.8	1271.3	1270.1	1277.5	1270.1	1266.3	1256.3
42.5°	1225.1	1217.7	1215.2	1215.2	1213.9	1212.7	1211.4	1216.4	1207.7	1197.7	1186.5
45°	1161.5	1159.0	1155.3	1151.5	1150.3	1150.3	1151.5	1151.5	1137.8	1126.6	1124.1
47.5°	1095.4	1095.4	1090.4	1089.2	1089.2	1087.9	1087.9	1081.7	1071.7	1064.2	1060.5
50°	1031.8	1029.3	1024.3	1025.5	1025.5	1023.0	1020.5	1009.3	1005.6	999.3	995.6
52.5°	966.9	968.1	959.4	961.9	960.6	955.7	949.4	944.4	940.7	934.4	930.7
55°	898.3	895.8	893.3	898.3	895.8	885.8	880.8	878.3	874.6	868.3	865.8
57.5°	833.4	834.6	828.4	829.7	825.9	817.2	817.2	813.4	810.9	802.2	799.7
60°	764.8	759.8	762.3	764.8	753.5	749.8	751.1	747.3	744.8	736.1	733.6
62.5°	696.2	696.2	696.2	689.9	687.4	683.7	684.9	681.2	676.2	670.0	668.7
65°	630.0	627.5	622.6	622.6	620.1	617.6	618.8	616.3	607.6	603.8	602.6
67.5°	562.7	557.7	555.2	556.4	552.7	550.2	551.4	548.9	541.5	536.5	536.5
70°	496.5	486.6	487.8	487.8	485.3	481.6	482.8	477.8	474.1	474.1	470.3
72.5°	426.7	422.9	420.4	419.2	417.9	414.2	414.2	410.5	409.2	408.0	405.5
75°	358.1	353.1	353.1	353.1	350.6	348.1	348.1	343.1	340.6	343.1	339.3
77.5°	286.9	284.5	284.5	284.5	280.7	279.5	280.7	275.7	277.0	274.5	272.0
80°	222.1	219.6	219.6	218.3	219.6	214.6	215.8	212.1	212.1	210.8	208.3
82.5°	159.7	157.2	155.9	154.7	153.5	152.2	153.5	152.2	149.7	147.2	144.7
85°	99.8	96.1	96.1	96.1	96.1	92.3	92.3	89.8	86.1	84.8	82.3
87.5°	43.7	41.2	38.7	37.4	38.7	34.9	36.2	34.9	32.4	31.2	28.7
90°	1.2	2.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7	5.0	5.0
92.5°	7.5	10.0	10.0	10.0	10.0	11.2	11.2	11.2	10.0	10.0	11.2
95°	13.7	16.2	18.7	20.0	20.0	21.2	21.2	20.0	20.0	20.0	20.0
97.5°	20.0	22.5	23.7	25.0	26.2	28.7	29.9	31.2	31.2	31.2	31.2
100°	28.7	28.7	31.2	33.7	33.7	33.7	36.2	37.4	39.9	41.2	41.2
102.5°	38.7	37.4	37.4	38.7	41.2	43.7	42.4	42.4	44.9	46.2	48.7
105°	52.4	48.7	47.4	46.2	47.4	49.9	52.4	52.4	51.2	51.2	52.4
107.5°	68.6	62.4	58.6	57.4	56.1	57.4	58.6	61.1	62.4	62.4	61.1
110°	87.3	77.4	72.4	69.9	67.4	66.1	66.1	68.6	69.9	72.4	73.6



TEST NUMBER: P303105

CATALOG NUMBER: CTW-F-2575-50L930-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	108.5	96.1	88.6	84.8	81.1	78.6	76.1	76.1	77.4	79.8	82.3
115°	131.0	117.3	107.3	102.3	97.3	91.1	88.6	86.1	84.8	87.3	88.6
117.5°	154.7	141.0	127.3	121.0	116.0	108.5	101.1	98.6	96.1	93.6	94.8
120°	177.2	163.4	148.5	143.5	137.2	127.3	117.3	111.0	108.5	106.0	103.6
122.5°	202.1	187.1	170.9	164.7	159.7	147.2	137.2	128.5	122.3	118.5	114.8
125°	224.6	209.6	194.6	188.4	180.9	169.7	158.4	148.5	139.7	133.5	127.3
127.5°	245.8	232.1	217.1	210.8	205.9	190.9	180.9	169.7	160.9	153.5	146.0
130°	272.0	250.8	239.5	233.3	227.1	215.8	202.1	192.1	183.4	174.7	165.9
132.5°	290.7	277.0	258.3	254.5	248.3	235.8	225.8	214.6	205.9	195.9	187.1
135°	308.2	295.7	284.5	275.7	272.0	257.0	247.0	237.0	227.1	219.6	210.8
137.5°	328.1	314.4	300.7	298.2	290.7	280.7	272.0	259.5	250.8	240.8	233.3
140°	346.8	333.1	323.1	313.1	309.4	301.9	293.2	284.5	274.5	264.5	255.8
142.5°	364.3	350.6	339.3	334.4	328.1	319.4	310.7	304.4	296.9	289.4	280.7
145°	379.3	365.5	356.8	351.8	346.8	336.9	329.4	324.4	316.9	308.2	300.7
147.5°	391.7	381.8	371.8	369.3	359.3	353.1	348.1	340.6	338.1	328.1	323.1
150°	405.5	396.7	389.2	383.0	379.3	369.3	364.3	360.6	354.3	348.1	341.8
152.5°	417.9	410.5	401.7	399.2	394.2	385.5	379.3	373.0	370.5	364.3	358.1
155°	430.4	422.9	415.4	411.7	409.2	403.0	393.0	389.2	386.8	383.0	378.0
157.5°	441.6	432.9	426.7	425.4	419.2	414.2	410.5	404.2	403.0	395.5	393.0
160°	451.6	446.6	437.9	434.2	435.4	427.9	421.7	415.4	420.4	410.5	409.2
162.5°	461.6	455.4	452.9	447.9	446.6	442.9	437.9	431.7	427.9	430.4	421.7
165°	472.8	466.6	461.6	459.1	456.6	447.9	446.6	442.9	444.1	442.9	440.4
167.5°	477.8	472.8	471.6	466.6	466.6	464.1	459.1	454.1	455.4	455.4	449.1
170°	484.1	479.1	476.6	474.1	474.1	467.8	467.8	464.1	469.1	466.6	461.6
172.5°	490.3	485.3	482.8	484.1	480.3	479.1	475.3	472.8	475.3	477.8	475.3
175°	494.0	489.1	489.1	487.8	484.1	484.1	484.1	481.6	482.8	482.8	479.1
177.5°	497.8	494.0	489.1	492.8	492.8	489.1	486.6	490.3	489.1	496.5	490.3
180°	497.8	497.8	497.8	497.8	497.8	497.8	497.8	497.8	497.8	497.8	497.8



TEST NUMBER: P303105

CATALOG NUMBER: CTW-F-2575-50L930-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	1860.2	1860.2	1860.2	1860.2	1860.2	1860.2	1860.2	1860.2
2.5°	1861.4	1858.9	1857.7	1853.9	1852.7	1848.9	1846.4	1848.9
5°	1851.4	1848.9	1847.7	1845.2	1845.2	1845.2	1845.2	1848.9
7.5°	1835.2	1832.7	1834.0	1831.5	1832.7	1834.0	1834.0	1835.2
10°	1815.3	1812.8	1811.5	1809.0	1810.3	1810.3	1810.3	1814.0
12.5°	1787.8	1785.3	1784.1	1781.6	1784.1	1786.6	1787.8	1789.1
15°	1760.4	1757.9	1756.6	1754.1	1756.6	1759.1	1757.9	1761.6
17.5°	1726.7	1724.2	1721.7	1719.2	1720.4	1721.7	1721.7	1722.9
20°	1685.5	1681.8	1679.3	1676.8	1678.0	1678.0	1680.5	1681.8
22.5°	1639.3	1635.6	1633.1	1631.9	1630.6	1630.6	1635.6	1636.8
25°	1596.9	1586.9	1585.7	1584.4	1583.2	1582.0	1585.7	1586.9
27.5°	1548.3	1539.5	1535.8	1533.3	1532.0	1529.6	1532.0	1539.5
30°	1494.6	1488.4	1484.6	1479.6	1479.6	1475.9	1479.6	1479.6
32.5°	1434.7	1433.5	1429.7	1428.5	1423.5	1419.8	1422.3	1429.7
35°	1372.4	1373.6	1373.6	1371.1	1363.6	1358.6	1359.9	1367.4
37.5°	1311.2	1306.2	1307.5	1302.5	1291.3	1286.3	1286.3	1290.0
40°	1238.9	1232.6	1233.9	1231.4	1227.6	1225.1	1226.4	1223.9
42.5°	1177.7	1171.5	1174.0	1170.2	1166.5	1162.8	1165.3	1164.0
45°	1115.4	1109.1	1107.9	1110.4	1104.1	1104.1	1102.9	1104.1
47.5°	1051.7	1046.7	1048.0	1048.0	1041.7	1041.7	1040.5	1044.2
50°	988.1	984.4	984.4	981.9	979.4	978.1	978.1	979.4
52.5°	927.0	920.7	919.5	922.0	914.5	915.7	915.7	914.5
55°	859.6	855.9	855.9	857.1	850.9	852.1	852.1	850.9
57.5°	798.5	792.2	792.2	793.5	789.7	788.5	787.2	788.5
60°	733.6	727.3	727.3	728.6	721.1	723.6	723.6	724.9
62.5°	668.7	666.2	661.2	660.0	660.0	658.7	660.0	658.7
65°	602.6	600.1	595.1	597.6	591.4	593.9	591.4	592.6
67.5°	536.5	534.0	530.2	531.5	526.5	529.0	529.0	529.0
70°	470.3	467.8	464.1	462.9	464.1	462.9	462.9	462.9
72.5°	404.2	403.0	398.0	398.0	399.2	398.0	395.5	396.7
75°	335.6	336.9	331.9	333.1	334.4	333.1	333.1	330.6
77.5°	268.2	269.5	268.2	265.7	267.0	267.0	265.7	264.5
80°	204.6	205.9	204.6	202.1	203.4	202.1	202.1	200.9
82.5°	141.0	142.2	139.7	137.2	138.5	137.2	136.0	134.7
85°	79.8	79.8	79.8	77.4	78.6	78.6	77.4	76.1
87.5°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	26.2
90°	5.0	6.2	5.0	5.0	5.0	5.0	5.0	5.0
92.5°	11.2	11.2	10.0	10.0	10.0	8.7	8.7	10.0
95°	20.0	21.2	20.0	20.0	20.0	20.0	20.0	20.0
97.5°	31.2	31.2	31.2	29.9	29.9	28.7	28.7	29.9
100°	42.4	42.4	42.4	42.4	42.4	41.2	41.2	42.4
102.5°	49.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2
105°	54.9	56.1	56.1	56.1	57.4	57.4	57.4	57.4
107.5°	61.1	62.4	62.4	62.4	62.4	62.4	63.6	62.4
110°	73.6	72.4	71.1	71.1	71.1	69.9	71.1	71.1



TEST NUMBER: P303105

CATALOG NUMBER: CTW-F-2575-50L930-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	83.6	84.8	84.8	84.8	84.8	84.8	83.6	84.8
115°	91.1	92.3	92.3	93.6	93.6	93.6	94.8	94.8
117.5°	97.3	98.6	98.6	99.8	99.8	101.1	102.3	102.3
120°	103.6	104.8	104.8	104.8	106.0	106.0	106.0	107.3
122.5°	113.5	112.3	112.3	112.3	112.3	111.0	112.3	112.3
125°	126.0	123.5	122.3	122.3	121.0	119.8	119.8	119.8
127.5°	139.7	137.2	136.0	134.7	133.5	131.0	131.0	129.7
130°	158.4	153.5	152.2	149.7	146.0	144.7	144.7	143.5
132.5°	179.7	174.7	170.9	169.7	164.7	162.2	160.9	160.9
135°	203.4	197.1	194.6	192.1	187.1	183.4	183.4	180.9
137.5°	225.8	218.3	217.1	215.8	210.8	207.1	204.6	202.1
140°	247.0	242.0	238.3	238.3	233.3	228.3	227.1	224.6
142.5°	272.0	267.0	259.5	259.5	253.3	252.0	249.5	248.3
145°	293.2	288.2	285.7	285.7	278.2	277.0	273.2	274.5
147.5°	314.4	310.7	306.9	306.9	300.7	298.2	295.7	294.4
150°	335.6	330.6	328.1	328.1	323.1	319.4	318.1	316.9
152.5°	353.1	348.1	348.1	346.8	340.6	340.6	338.1	339.3
155°	371.8	366.8	368.0	365.5	361.8	359.3	358.1	358.1
157.5°	388.0	385.5	383.0	381.8	380.5	379.3	376.8	375.5
160°	405.5	403.0	400.5	399.2	399.2	396.7	394.2	396.7
162.5°	421.7	417.9	417.9	416.7	416.7	414.2	413.0	414.2
165°	435.4	432.9	432.9	432.9	430.4	432.9	429.2	429.2
167.5°	447.9	447.9	446.6	442.9	442.9	441.6	442.9	444.1
170°	459.1	460.4	457.9	456.6	456.6	456.6	456.6	456.6
172.5°	472.8	470.3	471.6	467.8	469.1	466.6	465.4	467.8
175°	481.6	480.3	480.3	480.3	476.6	477.8	475.3	474.1
177.5°	490.3	490.3	489.1	489.1	487.8	486.6	486.6	484.1
180°	497.8	497.8	497.8	497.8	497.8	497.8	497.8	497.8

(END OF REPORT)