

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: P303226

Luminaire Tested: **CTW-F-7525-40L940-UNV-STD-6**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P303226  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: CTW-F-7525-40L940-UNV-STD-6  
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE  
75% UPLIGHT, 25% DOWNLIGHT, 4000 LUMEN PACKAGE  
Light Source: 4000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

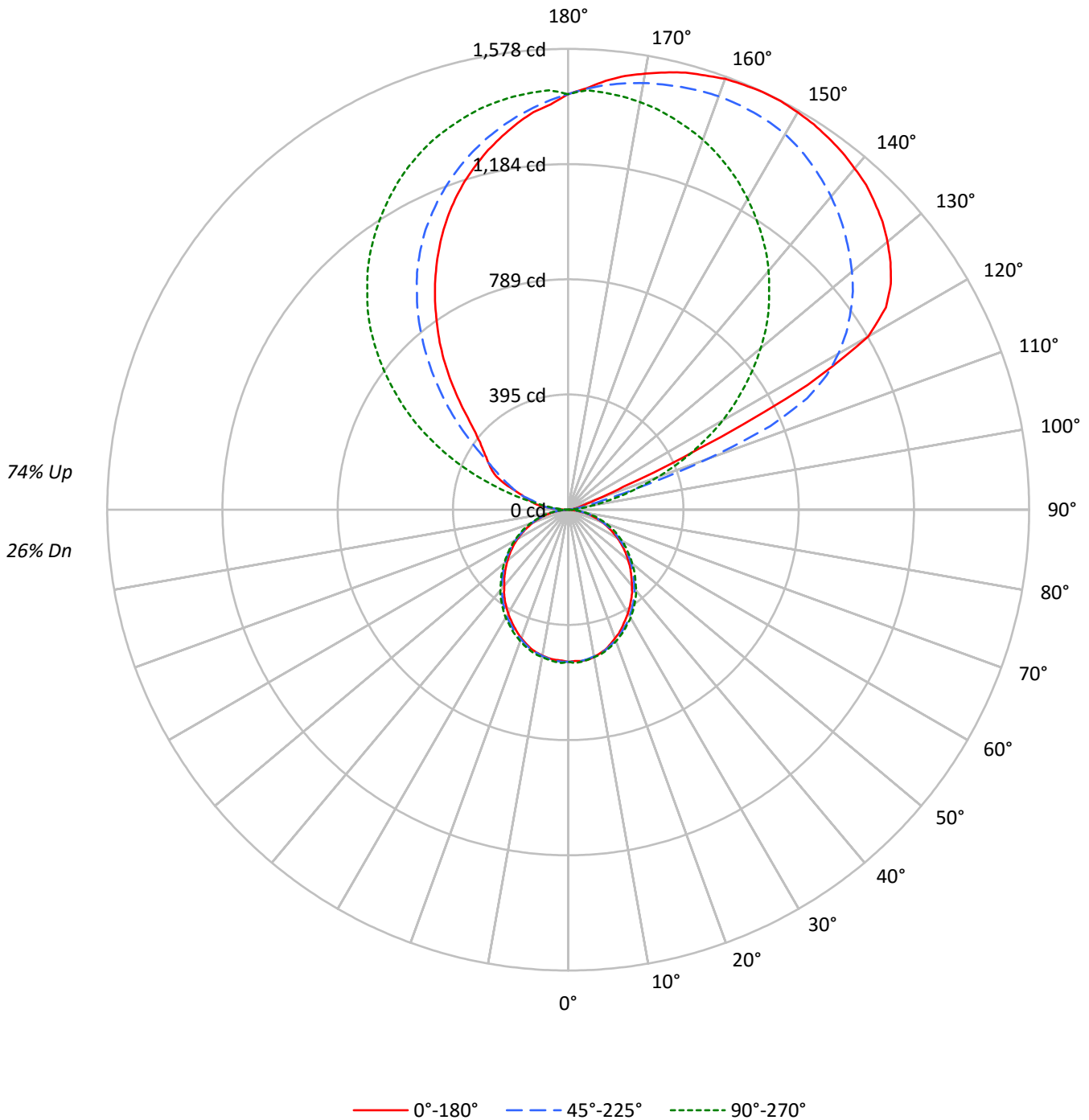
Lumens per Lamp: N/A  
Luminaire Lumens: 5404.1 lumens  
Efficiency: N/A  
Efficacy: 124.5 lumens/watt  
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.31  
Luminous Opening: Rectangular (W 6' x L: 0.12' x H: 0')  
CIE Type: Semi-Indirect

Input Watts (W): 43.4  
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	101	101	101	101	90	90	90	90	70	70	70	51	51	51	34	34	34	26
1	92	88	84	81	82	79	75	73	61	59	57	45	43	42	30	29	28	21
2	84	77	71	66	75	69	64	59	53	50	47	39	37	35	26	25	24	18
3	76	67	60	55	68	60	54	50	47	43	39	35	32	30	23	21	20	15
4	70	59	52	46	62	53	47	42	42	37	33	31	28	25	21	19	17	13
5	64	53	45	39	57	47	41	36	37	32	29	27	24	22	18	17	15	11
6	59	47	39	34	52	42	36	31	33	28	25	25	21	19	17	15	13	10
7	54	42	35	29	48	38	32	27	30	25	22	22	19	17	15	13	12	9
8	50	38	31	26	45	35	28	24	27	22	19	20	17	15	14	12	10	8
9	47	35	28	23	41	31	25	21	25	20	17	19	15	13	13	11	9	7
10	43	32	25	20	39	29	23	19	23	18	15	17	14	12	12	10	8	6

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

	0°	90°	180°
0°	7479	7479	7479
5°	7487	7526	7430
10°	7456	7476	7397
15°	7361	7422	7321
20°	7154	7319	7154
25°	6969	7204	6969
30°	6778	7091	6801
35°	6575	6929	6623
40°	6347	6778	6374
45°	6164	6576	6219
50°	5968	6390	6057
55°	5810	6215	5910
60°	5617	6082	5735
65°	5362	5960	5546
70°	5098	5778	5325
75°	4713	5540	5013
80°	4124	5133	4463
85°	2668	4660	3112



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	49.2	0.9
10°-20°	139.2	2.6
20°-30°	205.5	3.8
30°-40°	241.1	4.5
40°-50°	242.7	4.5
50°-60°	216.4	4.0
60°-70°	165.9	3.1
70°-80°	98.6	1.8
80°-90°	27.2	0.5
90°-100°	39.8	0.7
100°-110°	169.9	3.1
110°-120°	484.7	9.0
120°-130°	708.9	13.1
130°-140°	764.8	14.2
140°-150°	727.9	13.5
150°-160°	597.3	11.1
160°-170°	390.0	7.2
170°-180°	135.1	2.5
0°-30°	393.8	7.3
0°-40°	634.9	11.7
0°-60°	1094.0	20.2
0°-90°	1385.8	25.6
90°-120°	694.4	12.8
90°-150°	2896.0	53.6
90°-180°	4018.0	74.4
0°-180°	5404.1	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	521	521	521	521	521	
5°	520	520	522	518	516	49
15°	495	497	500	494	493	139
25°	440	450	455	448	440	203
35°	375	389	396	389	378	235
45°	304	316	324	317	306	234
55°	232	242	248	246	236	207
65°	158	166	176	169	163	157
75°	85	90	100	94	90	90
85°	16	20	28	23	19	20
90°	1	1	1	7	12	1
95°	9	12	28	57	53	11
105°	44	122	192	134	148	55
115°	491	903	470	244	273	554
125°	1349	1180	738	405	355	1195
135°	1485	1339	971	653	526	1147
145°	1554	1448	1153	903	784	974
155°	1578	1501	1295	1111	1027	729
165°	1550	1498	1388	1268	1222	439
175°	1474	1459	1434	1381	1366	142
180°	1423	1423	1423	1423	1423	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	521.1	521.1	521.1	521.1	521.1	521.1	521.1	521.1	521.1	521.1	521.1
2.5°	518.4	517.0	519.7	521.1	521.1	522.4	522.4	522.4	522.4	523.8	521.1
5°	519.7	519.7	519.7	519.7	518.4	519.7	519.7	521.1	521.1	522.4	519.7
7.5°	518.4	517.0	517.0	517.0	515.7	515.7	517.0	517.0	515.7	518.4	515.7
10°	511.6	511.6	510.3	510.3	510.3	510.3	510.3	511.6	511.6	513.0	510.3
12.5°	503.5	503.5	503.5	503.5	502.2	502.2	503.5	504.9	504.9	506.2	504.9
15°	495.4	494.1	495.4	496.8	495.4	495.4	495.4	496.8	496.8	498.1	496.8
17.5°	481.9	481.9	483.3	484.6	484.6	483.3	484.6	486.0	486.0	487.3	486.0
20°	468.4	468.4	469.8	471.1	471.1	471.1	472.5	472.5	473.8	473.8	475.2
22.5°	456.3	454.9	456.3	457.6	457.6	456.3	459.0	459.0	460.3	461.7	463.0
25°	440.1	438.7	441.4	442.8	442.8	442.8	444.1	445.5	446.8	448.2	449.5
27.5°	423.9	423.9	425.2	426.6	427.9	427.9	429.3	432.0	432.0	433.3	436.0
30°	409.0	409.0	410.4	411.7	413.1	413.1	413.1	415.8	418.5	418.5	421.2
32.5°	392.8	391.5	392.8	395.5	395.5	395.5	396.9	399.6	400.9	402.3	405.0
35°	375.3	375.3	376.6	378.0	379.3	379.3	380.7	383.4	384.7	386.1	388.8
37.5°	359.1	357.7	359.1	360.4	361.8	361.8	363.1	365.8	367.2	368.5	371.2
40°	338.8	337.5	338.8	340.2	341.5	341.5	342.9	346.9	348.3	349.6	352.3
42.5°	321.3	319.9	321.3	322.6	324.0	325.3	325.3	326.7	329.4	330.7	333.4
45°	303.7	302.4	302.4	305.1	306.4	306.4	307.8	309.1	311.8	313.2	315.9
47.5°	286.2	284.8	286.2	287.5	287.5	288.9	290.2	290.2	292.9	295.6	297.0
50°	267.3	267.3	267.3	268.6	270.0	271.3	271.3	272.7	274.0	276.7	279.4
52.5°	249.7	248.4	249.7	251.1	252.4	252.4	253.8	253.8	255.1	259.2	260.5
55°	232.2	230.8	230.8	232.2	232.2	233.5	234.9	234.9	236.2	238.9	241.6
57.5°	213.3	213.3	213.3	214.6	214.6	214.6	217.3	217.3	218.7	221.4	222.7
60°	195.7	195.7	194.4	195.7	195.7	197.1	198.4	198.4	199.8	201.1	203.8
62.5°	176.8	176.8	175.5	176.8	178.2	178.2	179.5	179.5	180.9	183.6	184.9
65°	157.9	159.3	157.9	157.9	159.3	159.3	160.6	160.6	162.0	163.3	166.0
67.5°	140.4	140.4	139.0	140.4	140.4	141.7	141.7	143.1	143.1	144.4	145.8
70°	121.5	121.5	121.5	121.5	122.8	122.8	124.2	124.2	124.2	125.5	126.9
72.5°	103.9	103.9	102.6	102.6	103.9	105.3	105.3	106.6	106.6	109.3	109.3
75°	85.0	85.0	85.0	85.0	86.4	86.4	86.4	87.7	89.1	89.1	90.4
77.5°	67.5	66.1	67.5	67.5	67.5	67.5	68.8	70.2	70.2	71.5	72.9
80°	49.9	48.6	49.9	49.9	49.9	49.9	51.3	51.3	52.6	54.0	54.0
82.5°	32.4	31.0	32.4	32.4	32.4	32.4	33.7	33.7	35.1	36.4	36.4
85°	16.2	14.8	16.2	16.2	16.2	16.2	16.2	17.5	18.9	18.9	20.2
87.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	4.0	4.0	5.4
90°	1.3	2.7	2.7	2.7	1.3	2.7	1.3	2.7	1.3	1.3	1.3
92.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
95°	9.4	9.4	9.4	9.4	9.4	9.4	9.4	10.8	10.8	10.8	12.1
97.5°	16.2	14.8	14.8	16.2	16.2	16.2	16.2	17.5	18.9	20.2	22.9
100°	22.9	22.9	22.9	24.3	24.3	25.6	25.6	27.0	29.7	32.4	37.8
102.5°	33.7	33.7	33.7	35.1	35.1	36.4	37.8	40.5	44.5	51.3	63.4
105°	44.5	45.9	47.2	48.6	51.3	54.0	55.3	60.7	70.2	87.7	121.5
107.5°	66.1	66.1	68.8	71.5	76.9	82.3	86.4	102.6	125.5	174.1	255.1
110°	103.9	102.6	106.6	118.8	133.6	148.5	156.6	211.9	275.4	382.0	504.9



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	203.8	201.1	214.6	243.0	297.0	342.9	363.1	469.8	584.5	684.4	749.2
115°	491.4	484.6	513.0	569.7	664.2	719.5	737.1	824.8	882.9	900.4	903.1
117.5°	924.7	916.6	935.5	966.6	1016.5	1035.4	1031.4	1046.2	1039.5	1023.3	997.6
120°	1185.3	1178.5	1178.5	1177.2	1179.9	1174.5	1167.7	1152.9	1127.2	1101.6	1067.8
122.5°	1289.2	1286.5	1279.8	1267.6	1259.5	1252.8	1239.3	1217.7	1192.0	1163.7	1128.6
125°	1348.6	1344.6	1337.8	1327.0	1312.2	1306.8	1291.9	1269.0	1243.3	1215.0	1179.9
127.5°	1390.5	1386.4	1379.7	1371.6	1355.4	1350.0	1336.5	1312.2	1287.9	1260.9	1228.5
130°	1426.9	1422.9	1416.1	1409.4	1395.9	1386.4	1374.3	1351.3	1328.4	1301.4	1267.6
132.5°	1459.3	1453.9	1447.2	1441.8	1429.6	1422.9	1409.4	1387.8	1364.8	1339.2	1304.1
135°	1485.0	1482.3	1474.2	1468.8	1456.6	1448.5	1437.7	1417.5	1395.9	1370.2	1339.2
137.5°	1509.3	1502.5	1498.5	1491.7	1479.6	1471.5	1462.0	1443.1	1422.9	1399.9	1371.6
140°	1525.5	1521.4	1516.0	1512.0	1499.8	1490.4	1482.3	1467.4	1447.2	1425.6	1399.9
142.5°	1541.7	1537.6	1533.6	1526.8	1516.0	1509.3	1501.2	1487.7	1471.5	1449.9	1425.6
145°	1553.8	1549.8	1545.7	1541.7	1530.9	1524.1	1517.4	1506.6	1490.4	1470.1	1448.5
147.5°	1564.6	1561.9	1557.9	1553.8	1544.4	1539.0	1533.6	1522.8	1506.6	1486.3	1468.8
150°	1571.4	1568.7	1564.6	1563.3	1552.5	1547.1	1543.0	1533.6	1518.7	1498.5	1485.0
152.5°	1576.8	1574.1	1570.0	1568.7	1557.9	1553.8	1549.8	1540.3	1525.5	1506.6	1494.4
155°	1578.1	1575.4	1571.4	1568.7	1557.9	1553.8	1551.1	1541.7	1529.5	1513.3	1501.2
157.5°	1574.1	1572.7	1570.0	1564.6	1555.2	1551.1	1549.8	1540.3	1530.9	1517.4	1505.2
160°	1570.0	1567.3	1566.0	1561.9	1553.8	1551.1	1549.8	1541.7	1532.2	1520.1	1506.6
162.5°	1559.2	1559.2	1557.9	1555.2	1548.4	1545.7	1544.4	1537.6	1528.2	1518.7	1503.9
165°	1549.8	1548.4	1545.7	1543.0	1537.6	1536.3	1533.6	1529.5	1520.1	1513.3	1498.5
167.5°	1533.6	1532.2	1529.5	1525.5	1521.4	1521.4	1520.1	1517.4	1509.3	1506.6	1491.7
170°	1516.0	1513.3	1513.3	1510.6	1506.6	1506.6	1506.6	1503.9	1497.1	1495.8	1483.6
172.5°	1498.5	1495.8	1494.4	1493.1	1487.7	1489.0	1489.0	1486.3	1482.3	1485.0	1472.8
175°	1474.2	1472.8	1470.1	1470.1	1467.4	1468.8	1471.5	1470.1	1466.1	1470.1	1459.3
177.5°	1444.5	1443.1	1444.5	1448.5	1445.8	1449.9	1449.9	1451.2	1449.9	1453.9	1443.1
180°	1422.9	1422.9	1422.9	1422.9	1422.9	1422.9	1422.9	1422.9	1422.9	1422.9	1422.9



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	521.1	521.1	521.1	521.1	521.1	521.1	521.1	521.1	521.1	521.1	521.1
2.5°	518.4	519.7	518.4	519.7	519.7	518.4	519.7	521.1	523.8	525.1	523.8
5°	517.0	517.0	517.0	517.0	517.0	517.0	517.0	518.4	521.1	522.4	521.1
7.5°	513.0	514.3	513.0	514.3	514.3	513.0	513.0	515.7	517.0	518.4	517.0
10°	508.9	508.9	507.6	508.9	508.9	508.9	508.9	510.3	511.6	513.0	511.6
12.5°	502.2	502.2	500.8	502.2	502.2	502.2	502.2	503.5	506.2	507.6	506.2
15°	494.1	494.1	494.1	494.1	495.4	494.1	494.1	496.8	498.1	499.5	498.1
17.5°	483.3	484.6	483.3	484.6	484.6	484.6	484.6	487.3	488.7	490.0	488.7
20°	471.1	472.5	472.5	472.5	473.8	473.8	473.8	475.2	477.9	479.2	477.9
22.5°	460.3	461.7	461.7	461.7	461.7	461.7	463.0	464.4	467.1	467.1	467.1
25°	446.8	446.8	448.2	449.5	449.5	449.5	450.9	452.2	453.6	454.9	453.6
27.5°	433.3	433.3	433.3	436.0	436.0	436.0	436.0	437.4	440.1	440.1	440.1
30°	419.8	418.5	419.8	421.2	422.5	422.5	422.5	423.9	426.6	427.9	426.6
32.5°	405.0	403.6	405.0	406.3	406.3	407.7	407.7	409.0	411.7	411.7	411.7
35°	388.8	387.4	388.8	390.1	390.1	391.5	392.8	392.8	395.5	395.5	395.5
37.5°	372.6	371.2	372.6	373.9	373.9	375.3	375.3	376.6	379.3	379.3	379.3
40°	355.0	353.7	353.7	356.4	356.4	356.4	359.1	359.1	361.8	361.8	361.8
42.5°	336.1	334.8	336.1	337.5	337.5	337.5	338.8	340.2	341.5	341.5	341.5
45°	317.2	317.2	318.6	319.9	319.9	319.9	321.3	322.6	324.0	324.0	324.0
47.5°	299.7	299.7	301.0	302.4	302.4	302.4	303.7	303.7	306.4	305.1	305.1
50°	280.8	282.1	283.5	284.8	284.8	284.8	286.2	286.2	287.5	286.2	287.5
52.5°	261.9	263.2	264.6	265.9	265.9	265.9	267.3	267.3	268.6	267.3	268.6
55°	243.0	243.0	245.7	247.0	247.0	247.0	248.4	248.4	249.7	248.4	249.7
57.5°	225.4	225.4	226.8	228.1	228.1	228.1	229.5	230.8	230.8	230.8	230.8
60°	205.2	206.5	207.9	209.2	210.6	210.6	210.6	211.9	211.9	211.9	211.9
62.5°	186.3	187.6	189.0	190.3	191.7	190.3	191.7	193.0	193.0	193.0	193.0
65°	167.4	168.7	170.1	171.4	172.8	171.4	172.8	174.1	174.1	175.5	174.1
67.5°	148.5	148.5	151.2	152.5	152.5	152.5	153.9	155.2	155.2	156.6	156.6
70°	129.6	129.6	132.3	133.6	133.6	133.6	135.0	136.3	137.7	137.7	137.7
72.5°	110.7	112.0	113.4	114.7	116.1	114.7	116.1	117.4	118.8	118.8	118.8
75°	91.8	93.1	94.5	95.8	97.2	95.8	97.2	98.5	98.5	99.9	99.9
77.5°	72.9	74.2	75.6	76.9	78.3	78.3	78.3	79.6	81.0	82.3	81.0
80°	55.3	56.7	58.0	59.4	60.7	59.4	60.7	60.7	62.1	62.1	62.1
82.5°	37.8	40.5	40.5	41.8	41.8	41.8	43.2	43.2	44.5	45.9	44.5
85°	21.6	22.9	24.3	25.6	25.6	25.6	25.6	27.0	27.0	28.3	28.3
87.5°	6.7	6.7	8.1	9.4	9.4	9.4	10.8	10.8	12.1	12.1	12.1
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°	5.4	5.4	6.7	8.1	9.4	10.8	13.5	13.5	12.1	10.8	12.1
95°	13.5	16.2	20.2	25.6	31.0	33.7	40.5	39.1	33.7	28.3	27.0
97.5°	27.0	33.7	43.2	58.0	68.8	75.6	83.7	76.9	64.8	55.3	49.9
100°	48.6	63.4	85.0	116.1	132.3	139.0	141.7	126.9	108.0	90.4	79.6
102.5°	87.7	122.8	166.0	209.2	225.4	225.4	217.3	190.3	162.0	136.3	116.1
105°	174.1	233.5	299.7	332.1	338.8	329.4	302.4	265.9	225.4	191.7	163.3
107.5°	352.3	430.6	460.3	459.0	452.2	429.3	392.8	346.9	295.6	253.8	218.7
110°	583.2	606.1	600.7	569.7	552.1	526.5	476.5	430.6	369.9	325.3	280.8





TEST NUMBER: P303226

CATALOG NUMBER: CTW-F-7525-40L940-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	764.1	741.1	707.4	660.1	638.5	611.5	560.2	510.3	445.5	398.2	349.6
115°	880.2	837.0	792.4	741.1	718.2	689.8	638.5	583.2	518.4	469.8	419.8
117.5°	963.9	912.6	865.3	814.0	792.4	764.1	711.4	653.4	588.6	541.3	491.4
120°	1024.6	980.1	931.5	881.5	861.3	832.9	777.6	722.2	661.5	610.2	560.2
122.5°	1085.4	1038.1	992.2	945.0	924.7	896.4	838.3	784.3	724.9	675.0	626.4
125°	1138.0	1092.1	1048.9	1004.4	982.8	951.7	897.7	843.7	787.0	738.4	692.5
127.5°	1186.6	1144.8	1100.2	1057.0	1035.4	1003.0	951.7	899.1	847.8	800.5	754.6
130°	1229.8	1193.4	1150.2	1107.0	1082.7	1053.0	1004.4	953.1	904.5	859.9	815.4
132.5°	1270.3	1235.2	1194.7	1148.8	1124.5	1098.9	1051.6	1005.7	959.8	918.0	874.8
135°	1309.5	1271.7	1231.2	1186.6	1165.0	1142.1	1096.2	1050.3	1011.1	970.6	930.1
137.5°	1344.6	1302.7	1263.6	1221.7	1201.5	1179.9	1136.7	1094.8	1058.4	1017.9	980.1
140°	1372.9	1331.1	1294.6	1252.8	1235.2	1216.3	1174.5	1135.3	1102.9	1067.8	1030.0
142.5°	1395.9	1355.4	1321.6	1283.8	1267.6	1248.7	1209.6	1175.8	1146.1	1112.4	1075.9
145°	1414.8	1378.3	1345.9	1310.8	1296.0	1279.8	1243.3	1213.6	1183.9	1152.9	1119.1
147.5°	1433.7	1398.6	1370.2	1337.8	1324.3	1309.5	1274.4	1248.7	1221.7	1192.0	1161.0
150°	1448.5	1417.5	1389.1	1360.8	1347.3	1333.8	1302.7	1277.1	1255.5	1228.5	1200.1
152.5°	1459.3	1433.7	1408.0	1382.4	1368.9	1356.7	1331.1	1308.1	1289.2	1263.6	1236.6
155°	1467.4	1445.8	1422.9	1401.3	1389.1	1378.3	1354.0	1335.1	1316.2	1294.6	1269.0
157.5°	1474.2	1455.3	1435.0	1413.4	1405.3	1394.5	1372.9	1358.1	1341.9	1323.0	1300.0
160°	1478.2	1463.4	1443.1	1426.9	1418.8	1410.7	1390.5	1377.0	1364.8	1348.6	1327.0
162.5°	1479.6	1466.1	1449.9	1436.4	1429.6	1421.5	1404.0	1394.5	1382.4	1368.9	1348.6
165°	1478.2	1468.8	1453.9	1443.1	1437.7	1429.6	1416.1	1408.0	1399.9	1387.8	1370.2
167.5°	1475.5	1466.1	1456.6	1447.2	1441.8	1436.4	1425.6	1420.2	1413.4	1405.3	1390.5
170°	1470.1	1464.7	1455.3	1449.9	1445.8	1440.4	1431.0	1428.3	1425.6	1417.5	1405.3
172.5°	1462.0	1458.0	1451.2	1447.2	1444.5	1440.4	1433.7	1433.7	1432.3	1426.9	1416.1
175°	1449.9	1448.5	1443.1	1441.8	1440.4	1436.4	1433.7	1435.0	1436.4	1433.7	1425.6
177.5°	1436.4	1437.7	1433.7	1435.0	1433.7	1431.0	1431.0	1435.0	1437.7	1437.7	1432.3
180°	1422.9	1422.9	1422.9	1422.9	1422.9	1422.9	1422.9	1422.9	1422.9	1422.9	1422.9



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**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	521.1	521.1	521.1	521.1	521.1	521.1	521.1	521.1	521.1	521.1	521.1
2.5°	522.4	519.7	518.4	519.7	518.4	517.0	517.0	518.4	521.1	523.8	521.1
5°	519.7	517.0	517.0	517.0	517.0	515.7	515.7	515.7	518.4	522.4	518.4
7.5°	515.7	513.0	513.0	513.0	513.0	511.6	511.6	511.6	514.3	517.0	514.3
10°	510.3	508.9	507.6	507.6	507.6	506.2	504.9	506.2	508.9	511.6	507.6
12.5°	503.5	502.2	500.8	500.8	500.8	499.5	499.5	499.5	502.2	503.5	500.8
15°	495.4	494.1	492.7	494.1	492.7	491.4	491.4	491.4	494.1	495.4	492.7
17.5°	486.0	484.6	483.3	483.3	483.3	480.6	480.6	480.6	484.6	484.6	481.9
20°	475.2	472.5	472.5	472.5	471.1	469.8	469.8	469.8	472.5	472.5	469.8
22.5°	464.4	463.0	460.3	460.3	460.3	459.0	457.6	457.6	461.7	459.0	457.6
25°	452.2	449.5	448.2	448.2	446.8	445.5	444.1	444.1	448.2	445.5	442.8
27.5°	437.4	436.0	434.7	434.7	433.3	430.6	430.6	430.6	434.7	430.6	429.3
30°	423.9	422.5	421.2	421.2	419.8	417.1	417.1	418.5	421.2	417.1	415.8
32.5°	409.0	407.7	405.0	405.0	403.6	402.3	402.3	403.6	405.0	400.9	399.6
35°	392.8	391.5	390.1	390.1	388.8	387.4	387.4	388.8	388.8	384.7	383.4
37.5°	376.6	375.3	373.9	372.6	371.2	371.2	371.2	372.6	371.2	368.5	365.8
40°	360.4	359.1	356.4	356.4	355.0	353.7	353.7	356.4	353.7	351.0	346.9
42.5°	340.2	338.8	336.1	336.1	334.8	334.8	336.1	337.5	334.8	332.1	329.4
45°	322.6	321.3	319.9	319.9	318.6	318.6	318.6	318.6	317.2	315.9	313.2
47.5°	305.1	303.7	302.4	302.4	302.4	301.0	301.0	301.0	299.7	297.0	295.6
50°	287.5	286.2	284.8	284.8	283.5	282.1	283.5	282.1	282.1	279.4	276.7
52.5°	268.6	267.3	267.3	265.9	267.3	265.9	264.6	264.6	263.2	260.5	259.2
55°	249.7	249.7	248.4	248.4	248.4	247.0	247.0	245.7	245.7	243.0	240.3
57.5°	232.2	230.8	230.8	230.8	230.8	228.1	228.1	226.8	226.8	224.1	222.7
60°	213.3	211.9	211.9	211.9	211.9	210.6	209.2	209.2	206.5	205.2	203.8
62.5°	194.4	193.0	193.0	193.0	193.0	191.7	190.3	190.3	187.6	186.3	184.9
65°	175.5	174.1	174.1	174.1	174.1	172.8	171.4	171.4	168.7	167.4	167.4
67.5°	156.6	155.2	155.2	155.2	155.2	153.9	152.5	152.5	149.8	149.8	148.5
70°	137.7	137.7	137.7	136.3	136.3	135.0	133.6	133.6	130.9	130.9	129.6
72.5°	118.8	118.8	117.4	116.1	117.4	117.4	114.7	114.7	113.4	113.4	112.0
75°	99.9	99.9	98.5	98.5	98.5	97.2	95.8	95.8	94.5	94.5	93.1
77.5°	81.0	81.0	79.6	79.6	81.0	79.6	78.3	78.3	76.9	76.9	75.6
80°	62.1	63.4	62.1	63.4	62.1	62.1	60.7	59.4	59.4	59.4	58.0
82.5°	44.5	45.9	44.5	45.9	44.5	44.5	43.2	41.8	40.5	40.5	39.1
85°	28.3	28.3	27.0	28.3	27.0	27.0	25.6	24.3	22.9	22.9	22.9
87.5°	12.1	12.1	10.8	12.1	10.8	10.8	9.4	9.4	8.1	8.1	8.1
90°	2.7	4.0	5.4	5.4	5.4	5.4	6.7	6.7	6.7	6.7	8.1
92.5°	17.5	22.9	25.6	25.6	24.3	25.6	27.0	25.6	25.6	24.3	24.3
95°	31.0	35.1	41.8	45.9	49.9	55.3	58.0	56.7	56.7	54.0	54.0
97.5°	47.2	52.6	58.0	56.7	58.0	66.1	72.9	79.6	83.7	86.4	87.7
100°	74.2	71.5	75.6	79.6	81.0	79.6	82.3	89.1	95.8	98.5	103.9
102.5°	106.6	98.5	95.8	97.2	99.9	109.3	105.3	106.6	108.0	110.7	117.4
105°	145.8	132.3	125.5	124.2	122.8	126.9	136.3	139.0	133.6	132.3	135.0
107.5°	193.0	172.8	162.0	156.6	153.9	153.9	156.6	164.7	171.4	168.7	166.0
110°	249.7	220.0	203.8	194.4	187.6	183.6	184.9	187.6	194.4	201.1	206.5



TEST NUMBER: P303226

CATALOG NUMBER: CTW-F-7525-40L940-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	311.8	275.4	249.7	238.9	229.5	217.3	214.6	214.6	217.3	224.1	230.8
115°	380.7	336.1	303.7	288.9	278.1	257.8	248.4	243.0	244.3	245.7	251.1
117.5°	449.5	403.6	365.8	346.9	332.1	306.4	287.5	278.1	274.0	272.7	275.4
120°	515.7	472.5	432.0	411.7	392.8	361.8	336.1	315.9	307.8	301.0	299.7
122.5°	580.5	538.6	496.8	475.2	456.3	422.5	396.9	369.9	351.0	336.1	328.0
125°	649.3	603.4	561.6	542.7	522.4	486.0	453.6	429.3	405.0	384.7	369.9
127.5°	710.1	668.2	626.4	607.5	589.9	550.8	517.0	490.0	464.4	438.7	417.1
130°	772.2	731.7	691.2	670.9	652.0	616.9	581.8	552.1	526.5	500.8	476.5
132.5°	831.6	792.4	753.3	733.0	716.8	681.7	645.3	616.9	588.6	564.3	540.0
135°	888.3	847.8	812.7	792.4	773.5	742.5	708.7	683.1	653.4	627.7	604.8
137.5°	942.3	901.8	869.4	850.5	835.6	804.6	773.5	746.5	718.2	692.5	668.2
140°	992.2	954.4	919.3	904.5	886.9	859.9	831.6	808.6	781.6	754.6	733.0
142.5°	1040.8	1004.4	974.7	955.8	942.3	913.9	886.9	868.0	845.1	816.7	796.5
145°	1084.0	1050.3	1023.3	1007.1	989.5	963.9	939.6	922.0	903.1	877.5	857.2
147.5°	1128.6	1096.2	1067.8	1055.7	1039.5	1015.2	993.6	976.0	962.5	936.9	918.0
150°	1170.4	1139.4	1111.0	1098.9	1085.4	1062.4	1042.2	1027.3	1015.2	992.2	974.7
152.5°	1209.6	1178.5	1154.2	1142.1	1128.6	1108.3	1088.1	1073.2	1066.5	1043.5	1026.0
155°	1243.3	1215.0	1193.4	1183.9	1170.4	1148.8	1131.3	1117.8	1111.0	1092.1	1077.3
157.5°	1275.7	1247.4	1228.5	1220.4	1208.2	1188.0	1173.1	1158.3	1154.2	1139.4	1123.2
160°	1304.1	1279.8	1263.6	1255.5	1244.7	1224.4	1210.9	1198.8	1194.7	1183.9	1169.1
162.5°	1329.7	1308.1	1294.6	1285.2	1275.7	1260.9	1246.0	1235.2	1232.5	1225.8	1209.6
165°	1354.0	1333.8	1320.3	1313.5	1306.8	1291.9	1278.4	1270.3	1267.6	1263.6	1247.4
167.5°	1375.6	1356.7	1344.6	1340.5	1332.4	1320.3	1309.5	1301.4	1300.0	1298.7	1283.8
170°	1391.8	1375.6	1367.5	1360.8	1356.7	1345.9	1336.5	1329.7	1329.7	1331.1	1316.2
172.5°	1406.7	1393.2	1385.1	1381.0	1377.0	1367.5	1360.8	1354.0	1356.7	1359.4	1347.3
175°	1417.5	1406.7	1399.9	1397.2	1394.5	1386.4	1381.0	1378.3	1381.0	1386.4	1374.3
177.5°	1425.6	1417.5	1413.4	1412.1	1409.4	1404.0	1401.3	1398.6	1404.0	1410.7	1399.9
180°	1422.9	1422.9	1422.9	1422.9	1422.9	1422.9	1422.9	1422.9	1422.9	1422.9	1422.9



TEST NUMBER: P303226

CATALOG NUMBER: CTW-F-7525-40L940-UNV-STD-6

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	521.1	521.1	521.1	521.1	521.1	521.1	521.1	521.1
2.5°	522.4	522.4	521.1	521.1	519.7	518.4	517.0	517.0
5°	519.7	518.4	518.4	518.4	517.0	517.0	515.7	515.7
7.5°	514.3	514.3	514.3	513.0	514.3	513.0	513.0	513.0
10°	508.9	507.6	507.6	507.6	507.6	506.2	506.2	507.6
12.5°	502.2	500.8	499.5	499.5	499.5	499.5	499.5	500.8
15°	492.7	492.7	492.7	491.4	491.4	491.4	491.4	492.7
17.5°	481.9	480.6	480.6	480.6	480.6	480.6	480.6	480.6
20°	469.8	468.4	468.4	467.1	467.1	467.1	467.1	468.4
22.5°	457.6	454.9	454.9	453.6	454.9	454.9	453.6	454.9
25°	442.8	441.4	441.4	440.1	440.1	438.7	438.7	440.1
27.5°	429.3	427.9	426.6	426.6	425.2	423.9	423.9	425.2
30°	414.4	413.1	411.7	410.4	410.4	409.0	409.0	410.4
32.5°	398.2	396.9	395.5	395.5	394.2	392.8	392.8	394.2
35°	382.0	380.7	379.3	379.3	378.0	376.6	376.6	378.0
37.5°	365.8	363.1	363.1	363.1	361.8	360.4	359.1	360.4
40°	345.6	344.2	342.9	341.5	341.5	340.2	340.2	340.2
42.5°	328.0	326.7	326.7	325.3	324.0	322.6	322.6	324.0
45°	310.5	310.5	309.1	307.8	306.4	306.4	306.4	306.4
47.5°	292.9	291.6	291.6	291.6	288.9	288.9	287.5	288.9
50°	275.4	274.0	274.0	274.0	271.3	271.3	271.3	271.3
52.5°	257.8	256.5	256.5	255.1	255.1	253.8	252.4	253.8
55°	238.9	238.9	237.6	237.6	236.2	234.9	234.9	236.2
57.5°	221.4	220.0	220.0	220.0	218.7	217.3	217.3	218.7
60°	202.5	202.5	202.5	201.1	199.8	199.8	199.8	199.8
62.5°	184.9	183.6	183.6	183.6	183.6	182.2	180.9	180.9
65°	166.0	164.7	164.7	164.7	163.3	164.7	163.3	163.3
67.5°	147.1	147.1	147.1	145.8	145.8	145.8	144.4	144.4
70°	129.6	128.2	129.6	128.2	128.2	128.2	126.9	126.9
72.5°	112.0	110.7	110.7	109.3	110.7	109.3	109.3	108.0
75°	93.1	93.1	91.8	91.8	91.8	91.8	90.4	90.4
77.5°	75.6	75.6	74.2	74.2	74.2	72.9	72.9	71.5
80°	56.7	56.7	56.7	55.3	55.3	55.3	55.3	54.0
82.5°	39.1	39.1	39.1	37.8	37.8	36.4	36.4	35.1
85°	21.6	21.6	21.6	20.2	20.2	20.2	20.2	18.9
87.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
90°	8.1	9.4	8.1	9.4	10.8	10.8	10.8	12.1
92.5°	24.3	24.3	24.3	25.6	25.6	24.3	24.3	24.3
95°	54.0	54.0	54.0	54.0	54.0	52.6	52.6	52.6
97.5°	89.1	89.1	89.1	90.4	89.1	86.4	86.4	86.4
100°	106.6	109.3	110.7	112.0	113.4	114.7	114.7	114.7
102.5°	122.8	124.2	125.5	126.9	128.2	128.2	128.2	128.2
105°	137.7	139.0	139.0	140.4	144.4	147.1	148.5	148.5
107.5°	164.7	164.7	164.7	166.0	166.0	166.0	166.0	166.0
110°	209.2	202.5	201.1	195.7	197.1	195.7	195.7	195.7



TEST NUMBER: P303226

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**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	237.6	241.6	243.0	244.3	244.3	243.0	240.3	238.9
115°	259.2	263.2	265.9	265.9	270.0	272.7	272.7	272.7
117.5°	279.4	283.5	284.8	287.5	290.2	292.9	294.3	294.3
120°	301.0	305.1	305.1	307.8	309.1	311.8	313.2	313.2
122.5°	325.3	328.0	328.0	328.0	330.7	330.7	332.1	332.1
125°	361.8	359.1	357.7	356.4	356.4	355.0	356.4	355.0
127.5°	403.6	396.9	392.8	388.8	386.1	382.0	382.0	380.7
130°	454.9	446.8	437.4	433.3	426.6	422.5	419.8	417.1
132.5°	517.0	506.2	496.8	490.0	480.6	472.5	468.4	465.7
135°	584.5	567.0	556.2	552.1	541.3	531.9	529.2	526.5
137.5°	648.0	631.8	622.3	618.3	607.5	598.0	594.0	591.3
140°	710.1	693.9	683.1	681.7	670.9	662.8	660.1	657.4
142.5°	773.5	760.0	747.9	743.8	734.4	729.0	723.6	722.2
145°	835.6	820.8	810.0	807.3	797.8	791.1	787.0	784.3
147.5°	897.7	884.2	873.4	870.7	861.3	855.9	850.5	847.8
150°	957.1	940.9	934.2	931.5	922.0	918.0	912.6	909.9
152.5°	1012.5	997.6	992.2	988.2	981.4	973.3	972.0	969.3
155°	1062.4	1048.9	1044.9	1040.8	1034.1	1030.0	1028.7	1027.3
157.5°	1112.4	1100.2	1094.8	1090.8	1085.4	1081.3	1080.0	1081.3
160°	1161.0	1148.8	1144.8	1142.1	1134.0	1131.3	1131.3	1131.3
162.5°	1204.2	1194.7	1190.7	1188.0	1183.9	1179.9	1177.2	1178.5
165°	1243.3	1235.2	1232.5	1228.5	1224.4	1223.1	1221.7	1221.7
167.5°	1279.8	1271.7	1269.0	1264.9	1263.6	1260.9	1259.5	1262.2
170°	1314.9	1306.8	1305.4	1301.4	1298.7	1297.3	1294.6	1298.7
172.5°	1345.9	1340.5	1337.8	1335.1	1335.1	1333.8	1332.4	1335.1
175°	1374.3	1370.2	1367.5	1363.5	1364.8	1363.5	1363.5	1366.2
177.5°	1401.3	1398.6	1395.9	1394.5	1393.2	1390.5	1387.8	1389.1
180°	1422.9	1422.9	1422.9	1422.9	1422.9	1422.9	1422.9	1422.9

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