

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: P303074

Luminaire Tested: **CTW-F-2575-30L830-UNV-STD-8**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303074
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-4)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: CTW-F-2575-30L830-UNV-STD-8
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 3000 LUMEN PACKAGE
Light Source: 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

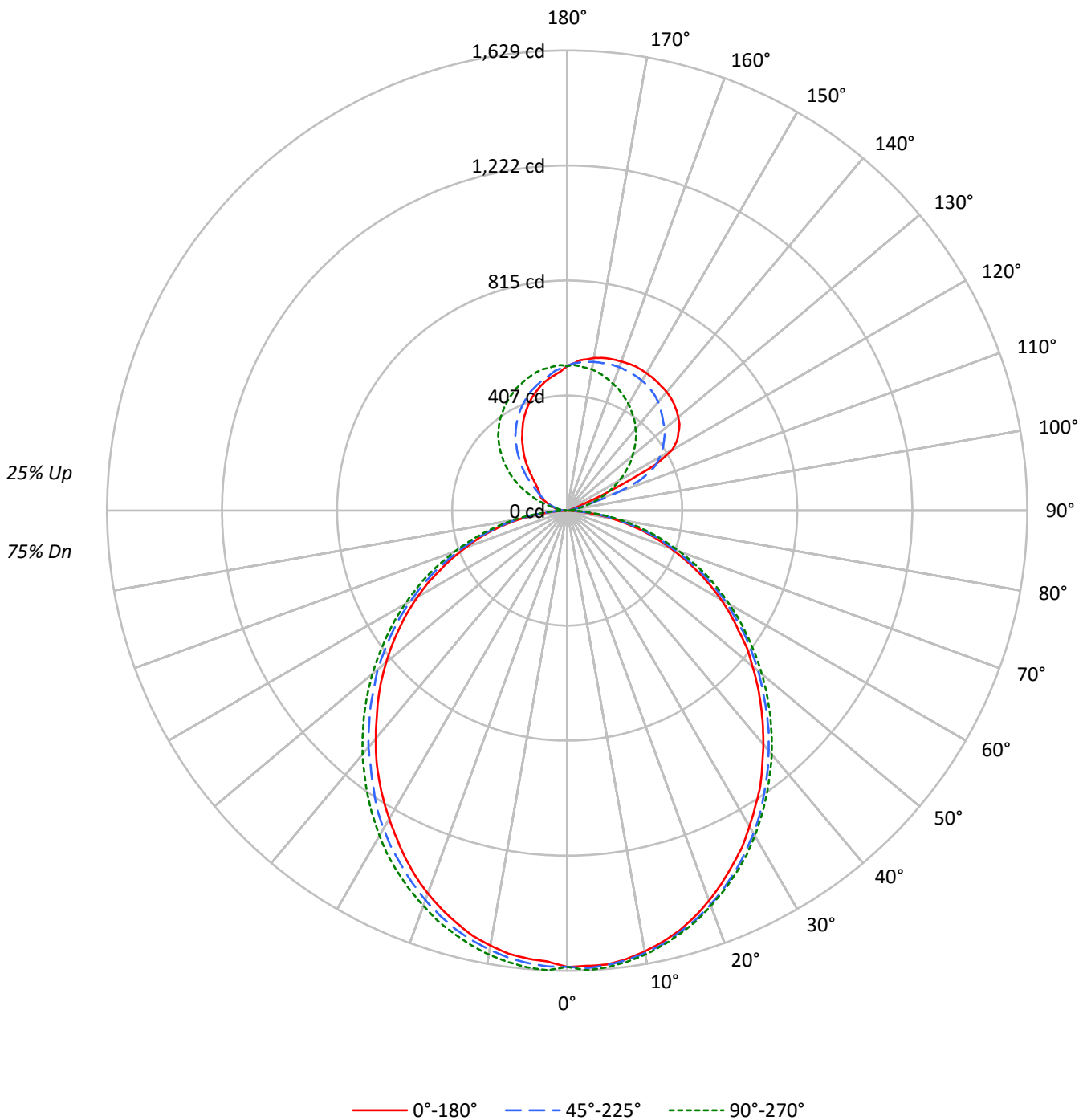
Lumens per Lamp: N/A
Luminaire Lumens: 5753.8 lumens
Efficiency: N/A
Efficacy: 114.8 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32
Luminous Opening: Rectangular (W 8' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 50.1
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	113	113	113	113	108	108	108	108	97	97	97	88	88	88	79	79	79	75				
1	103	99	95	91	98	94	90	87	85	82	80	77	75	73	70	68	67	63				
2	94	86	80	74	89	82	76	71	75	70	66	68	64	61	61	58	56	52				
3	86	76	68	62	81	72	65	59	66	60	55	60	55	51	54	50	47	44				
4	78	67	59	52	74	64	56	50	58	52	47	53	48	44	48	44	41	38				
5	72	60	51	45	68	57	49	43	52	46	41	48	42	38	43	39	35	33				
6	66	54	45	39	63	51	44	38	47	41	36	43	38	33	39	35	31	29				
7	62	49	40	34	58	47	39	33	43	36	31	39	34	30	36	31	28	25				
8	57	44	36	31	54	43	35	30	39	33	28	36	31	26	33	28	25	23				
9	53	41	33	27	51	39	32	27	36	30	25	33	28	24	31	26	22	20				
10	50	37	30	25	48	36	29	24	33	27	23	31	25	22	28	24	20	19				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	17388	17388	17388
5°	17434	17538	17205
10°	17320	17446	17089
15°	17144	17273	16844
20°	16829	17050	16521
25°	16444	16810	16102
30°	16039	16516	15656
35°	15667	16173	15262
40°	15187	15834	14807
45°	14754	15457	14404
50°	14331	15071	14008
55°	13895	14653	13606
60°	13537	14284	13164
65°	12979	13911	12587
70°	12287	13316	11984
75°	11437	12718	11437
80°	10011	11802	10135
85°	6644	9979	6891



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.6	2.7
10°-20°	432.1	7.5
20°-30°	639.9	11.1
30°-40°	751.0	13.1
40°-50°	761.0	13.2
50°-60°	678.7	11.8
60°-70°	517.9	9.0
70°-80°	304.5	5.3
80°-90°	80.5	1.4
90°-100°	14.8	0.3
100°-110°	63.3	1.1
110°-120°	176.1	3.1
120°-130°	251.9	4.4
130°-140°	271.5	4.7
140°-150°	258.2	4.5
150°-160°	212.1	3.7
160°-170°	139.2	2.4
170°-180°	48.4	0.8
0°-30°	1224.6	21.3
0°-40°	1975.6	34.3
0°-60°	3415.3	59.4
0°-90°	4318.3	75.1
90°-120°	254.2	4.4
90°-150°	1035.8	18.0
90°-180°	1436.0	25.0
0°-180°	5753.8	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1615	1615	1615	1615	1615	
5°	1614	1615	1623	1608	1592	153
15°	1538	1544	1550	1533	1512	433
25°	1385	1408	1415	1386	1356	638
35°	1192	1217	1231	1196	1162	744
45°	969	996	1015	985	946	748
55°	740	767	781	758	725	665
65°	510	529	546	521	494	504
75°	275	288	306	286	275	290
85°	54	65	81	64	56	67
90°	2	2	2	4	4	2
95°	4	4	12	19	17	4
105°	17	46	69	48	54	19
115°	181	323	164	86	98	205
125°	481	417	260	142	123	429
135°	535	475	342	231	183	413
145°	556	519	408	319	273	349
155°	565	536	458	392	362	261
165°	558	538	494	450	433	158
175°	535	527	514	496	483	51
180°	512	512	512	512	512	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1615.4	1615.4	1615.4	1615.4	1615.4	1615.4	1615.4	1615.4	1615.4	1615.4	1615.4
2.5°	1613.5	1611.5	1611.5	1611.5	1617.3	1617.3	1615.4	1615.4	1617.3	1625.0	1621.2
5°	1613.5	1611.5	1611.5	1607.7	1611.5	1611.5	1609.6	1609.6	1611.5	1619.2	1615.4
7.5°	1601.9	1601.9	1600.0	1598.1	1600.0	1600.0	1600.0	1598.1	1600.0	1609.6	1605.8
10°	1584.6	1584.6	1582.7	1580.8	1582.7	1582.7	1582.7	1582.7	1584.6	1594.2	1590.4
12.5°	1563.5	1563.5	1561.5	1559.6	1563.5	1563.5	1561.5	1561.5	1563.5	1575.0	1571.2
15°	1538.5	1538.5	1538.5	1536.5	1540.4	1538.5	1538.5	1538.5	1538.5	1548.1	1544.2
17.5°	1505.8	1505.8	1505.8	1505.8	1509.6	1509.6	1509.6	1507.7	1509.6	1519.2	1517.3
20°	1469.2	1469.2	1469.2	1469.2	1471.2	1473.1	1471.2	1473.1	1473.1	1484.6	1484.6
22.5°	1428.8	1428.8	1426.9	1426.9	1428.8	1432.7	1430.8	1430.8	1432.7	1444.2	1448.1
25°	1384.6	1384.6	1384.6	1386.5	1388.5	1390.4	1388.5	1392.3	1392.3	1403.8	1407.7
27.5°	1342.3	1338.5	1340.4	1340.4	1342.3	1344.2	1344.2	1348.1	1350.0	1359.6	1365.4
30°	1290.4	1288.5	1290.4	1292.3	1292.3	1296.2	1298.1	1300.0	1301.9	1307.7	1319.2
32.5°	1240.4	1240.4	1242.3	1242.3	1244.2	1246.2	1250.0	1251.9	1251.9	1257.7	1271.2
35°	1192.3	1188.5	1188.5	1190.4	1194.2	1196.2	1196.2	1200.0	1200.0	1207.7	1217.3
37.5°	1134.6	1134.6	1138.5	1138.5	1138.5	1142.3	1142.3	1146.2	1148.1	1153.8	1165.4
40°	1080.8	1078.8	1082.7	1082.7	1084.6	1086.5	1090.4	1092.3	1096.2	1100.0	1109.6
42.5°	1025.0	1025.0	1026.9	1028.8	1030.8	1032.7	1036.5	1038.5	1040.4	1044.2	1055.8
45°	969.2	969.2	971.2	973.1	975.0	975.0	978.8	982.7	986.5	992.3	996.2
47.5°	913.5	913.5	915.4	915.4	917.3	919.2	921.2	925.0	928.8	934.6	938.5
50°	855.8	855.8	859.6	859.6	863.5	861.5	865.4	867.3	873.1	876.9	882.7
52.5°	803.8	798.1	800.0	801.9	805.8	807.7	809.6	809.6	813.5	819.2	825.0
55°	740.4	742.3	744.2	744.2	748.1	748.1	751.9	751.9	755.8	761.5	767.3
57.5°	686.5	686.5	684.6	688.5	690.4	690.4	692.3	692.3	698.1	701.9	705.8
60°	628.8	625.0	626.9	628.8	630.8	628.8	634.6	634.6	638.5	642.3	650.0
62.5°	569.2	569.2	567.3	569.2	571.2	571.2	575.0	575.0	580.8	580.8	588.5
65°	509.6	507.7	507.7	509.6	513.5	513.5	515.4	517.3	519.2	521.2	528.8
67.5°	448.1	448.1	446.2	450.0	450.0	450.0	453.8	453.8	455.8	457.7	463.5
70°	390.4	388.5	388.5	392.3	390.4	392.3	396.2	396.2	400.0	400.0	403.8
72.5°	332.7	330.8	330.8	328.8	336.5	334.6	336.5	338.5	338.5	340.4	346.2
75°	275.0	275.0	273.1	273.1	275.0	276.9	278.8	280.8	282.7	282.7	288.5
77.5°	217.3	217.3	215.4	221.2	221.2	221.2	223.1	223.1	226.9	226.9	230.8
80°	161.5	159.6	159.6	161.5	165.4	165.4	165.4	167.3	169.2	173.1	175.0
82.5°	105.8	105.8	105.8	107.7	109.6	111.5	111.5	111.5	113.5	117.3	119.2
85°	53.8	53.8	53.8	53.8	57.7	57.7	57.7	59.6	63.5	63.5	65.4
87.5°	9.6	9.6	9.6	9.6	11.5	11.5	11.5	11.5	11.5	15.4	17.3
90°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
92.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
95°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
97.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	7.7	7.7	7.7
100°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	11.5	13.5
102.5°	11.5	11.5	11.5	11.5	13.5	13.5	13.5	15.4	15.4	19.2	23.1
105°	17.3	17.3	17.3	17.3	17.3	19.2	19.2	21.2	25.0	32.7	46.2
107.5°	23.1	23.1	23.1	25.0	26.9	28.8	30.8	38.5	50.0	71.2	101.9
110°	34.6	36.5	38.5	42.3	50.0	53.8	59.6	80.8	113.5	157.7	194.2



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	71.2	75.0	82.7	94.2	119.2	132.7	150.0	194.2	232.7	265.4	275.0
115°	180.8	198.1	207.7	225.0	261.5	275.0	290.4	311.5	328.8	332.7	323.1
117.5°	353.8	353.8	353.8	365.4	375.0	378.8	380.8	380.8	375.0	369.2	355.8
120°	428.8	428.8	426.9	426.9	425.0	423.1	419.2	413.5	403.8	394.2	378.8
122.5°	461.5	461.5	457.7	453.8	450.0	446.2	442.3	436.5	425.0	415.4	400.0
125°	480.8	480.8	476.9	473.1	469.2	465.4	461.5	453.8	444.2	432.7	417.3
127.5°	501.9	500.0	496.2	490.4	484.6	480.8	476.9	469.2	459.6	448.1	434.6
130°	513.5	513.5	509.6	505.8	501.9	498.1	494.2	482.7	471.2	461.5	450.0
132.5°	525.0	523.1	521.2	517.3	511.5	509.6	505.8	498.1	484.6	473.1	461.5
135°	534.6	532.7	530.8	526.9	523.1	519.2	517.3	509.6	500.0	484.6	475.0
137.5°	542.3	540.4	538.5	536.5	530.8	528.8	525.0	519.2	509.6	500.0	488.5
140°	548.1	544.2	544.2	542.3	536.5	534.6	532.7	525.0	517.3	509.6	501.9
142.5°	551.9	550.0	550.0	548.1	542.3	542.3	538.5	532.7	525.0	519.2	511.5
145°	555.8	553.8	553.8	551.9	548.1	548.1	544.2	538.5	530.8	525.0	519.2
147.5°	559.6	557.7	557.7	555.8	553.8	551.9	550.0	544.2	536.5	530.8	526.9
150°	561.5	561.5	559.6	557.7	555.8	553.8	551.9	546.2	540.4	536.5	530.8
152.5°	563.5	563.5	561.5	561.5	557.7	557.7	553.8	550.0	544.2	540.4	534.6
155°	565.4	565.4	563.5	561.5	559.6	557.7	555.8	550.0	544.2	542.3	536.5
157.5°	563.5	563.5	563.5	561.5	559.6	557.7	553.8	550.0	546.2	544.2	538.5
160°	561.5	563.5	561.5	559.6	557.7	557.7	555.8	550.0	546.2	546.2	540.4
162.5°	559.6	561.5	559.6	559.6	557.7	555.8	553.8	550.0	546.2	544.2	540.4
165°	557.7	557.7	557.7	555.8	553.8	551.9	551.9	546.2	544.2	544.2	538.5
167.5°	553.8	553.8	551.9	550.0	548.1	548.1	546.2	542.3	542.3	542.3	536.5
170°	548.1	548.1	546.2	544.2	544.2	542.3	542.3	538.5	538.5	538.5	534.6
172.5°	540.4	540.4	540.4	538.5	538.5	536.5	536.5	532.7	532.7	534.6	530.8
175°	534.6	532.7	532.7	530.8	530.8	530.8	528.8	526.9	528.8	528.8	526.9
177.5°	521.2	521.2	521.2	521.2	523.1	523.1	523.1	521.2	521.2	523.1	521.2
180°	511.5	511.5	511.5	511.5	511.5	511.5	511.5	511.5	511.5	511.5	511.5



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1615.4	1615.4	1615.4	1615.4	1615.4	1615.4	1615.4	1615.4	1615.4	1615.4	1615.4
2.5°	1609.6	1605.8	1605.8	1611.5	1613.5	1615.4	1617.3	1625.0	1626.9	1628.8	1626.9
5°	1605.8	1601.9	1600.0	1605.8	1607.7	1609.6	1611.5	1617.3	1621.2	1623.1	1619.2
7.5°	1594.2	1590.4	1590.4	1596.2	1596.2	1600.0	1600.0	1607.7	1609.6	1611.5	1609.6
10°	1580.8	1576.9	1575.0	1580.8	1582.7	1584.6	1584.6	1590.4	1594.2	1596.2	1592.3
12.5°	1559.6	1555.8	1553.8	1559.6	1561.5	1563.5	1565.4	1571.2	1573.1	1575.0	1573.1
15°	1536.5	1530.8	1528.8	1536.5	1538.5	1540.4	1540.4	1546.2	1548.1	1550.0	1548.1
17.5°	1507.7	1501.9	1501.9	1505.8	1511.5	1511.5	1511.5	1517.3	1521.2	1523.1	1519.2
20°	1476.9	1471.2	1469.2	1475.0	1476.9	1480.8	1480.8	1484.6	1488.5	1488.5	1488.5
22.5°	1440.4	1434.6	1432.7	1438.5	1440.4	1442.3	1444.2	1448.1	1451.9	1453.8	1450.0
25°	1401.9	1396.2	1394.2	1400.0	1401.9	1403.8	1405.8	1413.5	1413.5	1415.4	1411.5
27.5°	1357.7	1353.8	1350.0	1355.8	1361.5	1363.5	1363.5	1369.2	1371.2	1375.0	1369.2
30°	1313.5	1307.7	1305.8	1309.6	1315.4	1317.3	1317.3	1325.0	1326.9	1328.8	1323.1
32.5°	1267.3	1261.5	1259.6	1263.5	1269.2	1271.2	1271.2	1276.9	1278.8	1280.8	1276.9
35°	1217.3	1213.5	1209.6	1213.5	1217.3	1221.2	1221.2	1226.9	1228.8	1230.8	1226.9
37.5°	1169.2	1163.5	1159.6	1161.5	1165.4	1171.2	1171.2	1178.8	1178.8	1178.8	1175.0
40°	1117.3	1109.6	1107.7	1107.7	1113.5	1117.3	1117.3	1125.0	1125.0	1126.9	1121.2
42.5°	1063.5	1057.7	1055.8	1053.8	1059.6	1061.5	1063.5	1071.2	1069.2	1071.2	1065.4
45°	1007.7	1001.9	1001.9	1001.9	1003.8	1007.7	1009.6	1013.5	1015.4	1015.4	1011.5
47.5°	948.1	946.2	946.2	946.2	950.0	950.0	951.9	955.8	955.8	957.7	953.8
50°	890.4	890.4	888.5	890.4	892.3	892.3	896.2	900.0	900.0	900.0	896.2
52.5°	828.8	830.8	830.8	832.7	834.6	834.6	840.4	844.2	844.2	840.4	836.5
55°	769.2	773.1	773.1	776.9	776.9	778.8	778.8	782.7	782.7	780.8	776.9
57.5°	711.5	713.5	713.5	717.3	719.2	719.2	723.1	726.9	726.9	723.1	719.2
60°	651.9	655.8	653.8	657.7	661.5	661.5	661.5	667.3	663.5	663.5	661.5
62.5°	592.3	592.3	594.2	598.1	600.0	600.0	603.8	607.7	607.7	603.8	601.9
65°	532.7	534.6	534.6	538.5	540.4	542.3	542.3	546.2	544.2	546.2	542.3
67.5°	469.2	471.2	471.2	473.1	476.9	476.9	480.8	482.7	484.6	482.7	480.8
70°	407.7	407.7	413.5	413.5	417.3	417.3	423.1	423.1	426.9	423.1	421.2
72.5°	348.1	350.0	355.8	353.8	357.7	357.7	363.5	365.4	367.3	363.5	365.4
75°	290.4	290.4	296.2	296.2	300.0	300.0	305.8	305.8	307.7	305.8	303.8
77.5°	232.7	232.7	236.5	238.5	240.4	242.3	246.2	246.2	250.0	248.1	250.0
80°	176.9	178.8	180.8	184.6	184.6	186.5	186.5	190.4	192.3	190.4	192.3
82.5°	121.2	125.0	126.9	126.9	128.8	132.7	134.6	134.6	136.5	134.6	138.5
85°	67.3	69.2	73.1	76.9	76.9	78.8	80.8	82.7	82.7	80.8	80.8
87.5°	19.2	21.2	26.9	26.9	26.9	30.8	32.7	32.7	34.6	32.7	36.5
90°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
92.5°	1.9	1.9	1.9	3.8	3.8	3.8	5.8	5.8	5.8	3.8	5.8
95°	5.8	5.8	7.7	11.5	13.5	15.4	17.3	17.3	13.5	11.5	11.5
97.5°	9.6	11.5	17.3	25.0	28.8	32.7	34.6	30.8	25.0	21.2	19.2
100°	17.3	25.0	36.5	50.0	53.8	57.7	55.8	50.0	42.3	34.6	30.8
102.5°	34.6	50.0	71.2	88.5	88.5	88.5	82.7	73.1	61.5	50.0	44.2
105°	73.1	100.0	123.1	130.8	126.9	125.0	111.5	98.1	82.7	69.2	61.5
107.5°	146.2	169.2	175.0	171.2	163.5	157.7	140.4	125.0	105.8	90.4	80.8
110°	223.1	225.0	219.2	205.8	196.2	188.5	169.2	151.9	132.7	115.4	100.0



TEST NUMBER: P303074

CATALOG NUMBER: CTW-F-2575-30L830-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	276.9	267.3	253.8	236.5	225.0	217.3	198.1	178.8	157.7	140.4	123.1
115°	313.5	298.1	282.7	261.5	253.8	244.2	225.0	205.8	184.6	163.5	148.1
117.5°	340.4	323.1	307.7	288.5	278.8	269.2	250.0	228.8	207.7	190.4	173.1
120°	363.5	348.1	330.8	311.5	303.8	294.2	275.0	253.8	232.7	213.5	196.2
122.5°	384.6	369.2	351.9	334.6	325.0	317.3	298.1	276.9	255.8	238.5	221.2
125°	403.8	388.5	373.1	353.8	346.2	336.5	317.3	296.2	278.8	259.6	242.3
127.5°	421.2	405.8	390.4	373.1	365.4	355.8	336.5	317.3	300.0	282.7	265.4
130°	438.5	423.1	407.7	390.4	380.8	373.1	355.8	336.5	319.2	301.9	286.5
132.5°	451.9	438.5	421.2	405.8	396.2	388.5	373.1	355.8	340.4	323.1	307.7
135°	465.4	450.0	436.5	419.2	411.5	403.8	388.5	373.1	357.7	342.3	326.9
137.5°	476.9	461.5	448.1	430.8	425.0	419.2	403.8	388.5	375.0	361.5	346.2
140°	488.5	473.1	457.7	442.3	436.5	430.8	417.3	403.8	390.4	376.9	365.4
142.5°	500.0	480.8	465.4	451.9	448.1	442.3	428.8	417.3	405.8	394.2	380.8
145°	507.7	490.4	473.1	463.5	457.7	451.9	440.4	428.8	419.2	407.7	396.2
147.5°	515.4	500.0	484.6	471.2	467.3	461.5	451.9	442.3	432.7	421.2	409.6
150°	519.2	505.8	492.3	482.7	476.9	471.2	461.5	451.9	444.2	434.6	423.1
152.5°	525.0	511.5	501.9	490.4	488.5	480.8	471.2	465.4	455.8	446.2	436.5
155°	526.9	515.4	507.7	500.0	498.1	490.4	480.8	473.1	465.4	457.7	448.1
157.5°	528.8	519.2	509.6	505.8	501.9	500.0	490.4	482.7	475.0	469.2	459.6
160°	530.8	521.2	513.5	509.6	507.7	503.8	498.1	494.2	482.7	476.9	467.3
162.5°	530.8	523.1	517.3	513.5	511.5	509.6	503.8	500.0	494.2	486.5	476.9
165°	530.8	525.0	519.2	517.3	515.4	513.5	507.7	505.8	500.0	494.2	486.5
167.5°	530.8	525.0	521.2	519.2	517.3	515.4	511.5	509.6	505.8	501.9	496.2
170°	528.8	525.0	521.2	519.2	519.2	517.3	513.5	513.5	509.6	507.7	501.9
172.5°	525.0	523.1	519.2	519.2	519.2	517.3	513.5	513.5	511.5	509.6	505.8
175°	521.2	519.2	517.3	517.3	517.3	515.4	513.5	515.4	513.5	513.5	509.6
177.5°	515.4	513.5	513.5	513.5	513.5	513.5	513.5	513.5	513.5	515.4	511.5
180°	511.5	511.5	511.5	511.5	511.5	511.5	511.5	511.5	511.5	511.5	511.5



TEST NUMBER: P303074

CATALOG NUMBER: CTW-F-2575-30L830-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1615.4	1615.4	1615.4	1615.4	1615.4	1615.4	1615.4	1615.4	1615.4	1615.4	1615.4
2.5°	1615.4	1607.7	1607.7	1607.7	1611.5	1613.5	1613.5	1607.7	1615.4	1621.2	1615.4
5°	1607.7	1600.0	1600.0	1601.9	1603.8	1605.8	1605.8	1600.0	1607.7	1613.5	1605.8
7.5°	1598.1	1588.5	1588.5	1590.4	1592.3	1594.2	1594.2	1588.5	1596.2	1600.0	1592.3
10°	1580.8	1573.1	1571.2	1573.1	1576.9	1578.8	1576.9	1571.2	1578.8	1582.7	1576.9
12.5°	1559.6	1551.9	1551.9	1551.9	1555.8	1555.8	1555.8	1548.1	1557.7	1559.6	1551.9
15°	1534.6	1526.9	1526.9	1526.9	1528.8	1530.8	1528.8	1523.1	1532.7	1532.7	1525.0
17.5°	1505.8	1500.0	1496.2	1500.0	1500.0	1501.9	1498.1	1492.3	1501.9	1501.9	1496.2
20°	1475.0	1467.3	1465.4	1465.4	1467.3	1469.2	1463.5	1459.6	1467.3	1467.3	1459.6
22.5°	1436.5	1430.8	1428.8	1428.8	1430.8	1430.8	1425.0	1421.2	1428.8	1426.9	1419.2
25°	1398.1	1392.3	1390.4	1392.3	1392.3	1392.3	1384.6	1382.7	1386.5	1384.6	1376.9
27.5°	1355.8	1350.0	1348.1	1350.0	1350.0	1350.0	1342.3	1340.4	1346.2	1340.4	1332.7
30°	1309.6	1303.8	1301.9	1303.8	1305.8	1301.9	1294.2	1296.2	1300.0	1292.3	1286.5
32.5°	1267.3	1257.7	1255.8	1257.7	1259.6	1257.7	1250.0	1248.1	1251.9	1244.2	1236.5
35°	1215.4	1207.7	1209.6	1211.5	1209.6	1207.7	1198.1	1200.0	1196.2	1192.3	1184.6
37.5°	1165.4	1157.7	1157.7	1159.6	1159.6	1155.8	1148.1	1148.1	1142.3	1140.4	1132.7
40°	1113.5	1105.8	1105.8	1107.7	1107.7	1101.9	1096.2	1098.1	1094.2	1086.5	1078.8
42.5°	1055.8	1051.9	1053.8	1053.8	1055.8	1048.1	1044.2	1044.2	1038.5	1030.8	1025.0
45°	1001.9	996.2	1000.0	1001.9	1001.9	994.2	992.3	986.5	984.6	978.8	971.2
47.5°	944.2	942.3	946.2	946.2	946.2	938.5	936.5	930.8	926.9	923.1	915.4
50°	888.5	886.5	890.4	890.4	890.4	880.8	882.7	873.1	875.0	865.4	859.6
52.5°	832.7	832.7	832.7	832.7	830.8	825.0	823.1	817.3	815.4	807.7	803.8
55°	773.1	773.1	776.9	775.0	773.1	769.2	765.4	757.7	757.7	750.0	744.2
57.5°	719.2	719.2	719.2	715.4	715.4	711.5	705.8	701.9	700.0	692.3	688.5
60°	659.6	661.5	657.7	655.8	655.8	651.9	648.1	646.2	640.4	632.7	630.8
62.5°	601.9	603.8	601.9	598.1	596.2	592.3	590.4	586.5	580.8	573.1	573.1
65°	540.4	542.3	542.3	536.5	536.5	534.6	532.7	526.9	521.2	515.4	513.5
67.5°	480.8	482.7	475.0	473.1	473.1	473.1	465.4	465.4	459.6	453.8	455.8
70°	423.1	421.2	419.2	413.5	415.4	411.5	407.7	405.8	400.0	396.2	396.2
72.5°	365.4	361.5	359.6	357.7	355.8	353.8	350.0	348.1	344.2	338.5	338.5
75°	307.7	303.8	301.9	300.0	298.1	296.2	290.4	290.4	286.5	282.7	282.7
77.5°	248.1	244.2	244.2	242.3	240.4	236.5	232.7	234.6	230.8	226.9	226.9
80°	190.4	188.5	188.5	186.5	182.7	180.8	180.8	178.8	175.0	169.2	169.2
82.5°	134.6	134.6	132.7	130.8	128.8	126.9	125.0	123.1	119.2	113.5	113.5
85°	82.7	80.8	80.8	78.8	76.9	73.1	69.2	67.3	63.5	59.6	59.6
87.5°	34.6	30.8	28.8	26.9	25.0	23.1	23.1	19.2	17.3	17.3	13.5
90°	1.9	1.9	1.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
92.5°	7.7	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
95°	11.5	13.5	17.3	17.3	19.2	19.2	19.2	19.2	19.2	19.2	19.2
97.5°	17.3	19.2	21.2	23.1	23.1	26.9	26.9	28.8	28.8	28.8	28.8
100°	26.9	26.9	28.8	30.8	28.8	30.8	32.7	34.6	36.5	36.5	38.5
102.5°	40.4	36.5	34.6	36.5	38.5	40.4	38.5	40.4	40.4	42.3	44.2
105°	53.8	50.0	46.2	46.2	46.2	48.1	50.0	50.0	48.1	48.1	50.0
107.5°	71.2	63.5	57.7	57.7	55.8	55.8	57.7	61.5	61.5	59.6	59.6
110°	90.4	80.8	73.1	71.2	69.2	67.3	67.3	69.2	71.2	73.1	75.0



TEST NUMBER: P303074

CATALOG NUMBER: CTW-F-2575-30L830-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	111.5	100.0	90.4	86.5	84.6	78.8	76.9	76.9	78.8	82.7	84.6
115°	134.6	123.1	109.6	105.8	101.9	92.3	90.4	88.5	86.5	88.5	90.4
117.5°	157.7	144.2	130.8	125.0	119.2	109.6	103.8	100.0	98.1	98.1	98.1
120°	180.8	167.3	151.9	146.2	140.4	130.8	121.2	113.5	109.6	107.7	107.7
122.5°	203.8	190.4	176.9	169.2	163.5	150.0	142.3	130.8	125.0	119.2	117.3
125°	226.9	213.5	200.0	192.3	186.5	173.1	161.5	151.9	142.3	134.6	130.8
127.5°	248.1	234.6	223.1	215.4	209.6	194.2	184.6	175.0	163.5	153.8	148.1
130°	271.2	255.8	244.2	238.5	232.7	217.3	205.8	194.2	186.5	176.9	167.3
132.5°	292.3	278.8	265.4	259.6	253.8	240.4	230.8	217.3	207.7	200.0	190.4
135°	311.5	298.1	286.5	280.8	275.0	261.5	251.9	240.4	230.8	221.2	213.5
137.5°	330.8	317.3	305.8	301.9	296.2	282.7	273.1	263.5	251.9	244.2	234.6
140°	348.1	336.5	325.0	321.2	315.4	303.8	294.2	284.6	275.0	265.4	257.7
142.5°	365.4	353.8	342.3	338.5	332.7	323.1	313.5	305.8	296.2	288.5	280.8
145°	380.8	369.2	359.6	355.8	350.0	342.3	330.8	325.0	319.2	309.6	301.9
147.5°	396.2	384.6	375.0	371.2	369.2	359.6	350.0	344.2	338.5	330.8	323.1
150°	409.6	400.0	390.4	388.5	384.6	376.9	367.3	361.5	357.7	350.0	344.2
152.5°	425.0	413.5	405.8	403.8	400.0	392.3	384.6	378.8	375.0	367.3	361.5
155°	436.5	426.9	419.2	417.3	413.5	407.7	400.0	394.2	392.3	384.6	378.8
157.5°	448.1	438.5	432.7	428.8	426.9	423.1	415.4	409.6	407.7	401.9	396.2
160°	457.7	450.0	444.2	442.3	440.4	434.6	428.8	423.1	423.1	419.2	413.5
162.5°	467.3	459.6	455.8	453.8	451.9	448.1	442.3	438.5	438.5	432.7	428.8
165°	476.9	469.2	465.4	463.5	463.5	459.6	455.8	450.0	450.0	448.1	444.2
167.5°	486.5	476.9	475.0	473.1	473.1	471.2	467.3	463.5	461.5	461.5	455.8
170°	494.2	486.5	482.7	480.8	480.8	478.8	475.0	473.1	473.1	473.1	469.2
172.5°	500.0	494.2	492.3	492.3	492.3	490.4	488.5	482.7	482.7	486.5	478.8
175°	503.8	500.0	500.0	500.0	500.0	498.1	496.2	494.2	496.2	498.1	494.2
177.5°	507.7	503.8	503.8	503.8	505.8	505.8	503.8	501.9	503.8	505.8	503.8
180°	511.5	511.5	511.5	511.5	511.5	511.5	511.5	511.5	511.5	511.5	511.5



TEST NUMBER: P303074

CATALOG NUMBER: CTW-F-2575-30L830-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	1615.4	1615.4	1615.4	1615.4	1615.4	1615.4	1615.4	1615.4
2.5°	1615.4	1613.5	1611.5	1611.5	1613.5	1605.8	1598.1	1598.1
5°	1605.8	1603.8	1601.9	1601.9	1603.8	1598.1	1592.3	1592.3
7.5°	1592.3	1590.4	1588.5	1590.4	1594.2	1588.5	1582.7	1582.7
10°	1575.0	1571.2	1569.2	1569.2	1573.1	1567.3	1563.5	1563.5
12.5°	1550.0	1548.1	1544.2	1546.2	1548.1	1544.2	1538.5	1542.3
15°	1523.1	1521.2	1519.2	1521.2	1523.1	1517.3	1511.5	1511.5
17.5°	1494.2	1492.3	1488.5	1492.3	1492.3	1484.6	1478.8	1478.8
20°	1457.7	1453.8	1451.9	1453.8	1453.8	1446.2	1442.3	1442.3
22.5°	1415.4	1411.5	1409.6	1411.5	1409.6	1403.8	1400.0	1401.9
25°	1371.2	1367.3	1367.3	1367.3	1367.3	1359.6	1355.8	1355.8
27.5°	1326.9	1323.1	1321.2	1323.1	1321.2	1313.5	1307.7	1307.7
30°	1280.8	1273.1	1273.1	1275.0	1273.1	1265.4	1259.6	1259.6
32.5°	1230.8	1225.0	1226.9	1226.9	1223.1	1215.4	1211.5	1211.5
35°	1178.8	1175.0	1176.9	1175.0	1171.2	1165.4	1161.5	1161.5
37.5°	1125.0	1123.1	1123.1	1125.0	1117.3	1111.5	1109.6	1109.6
40°	1071.2	1069.2	1069.2	1071.2	1063.5	1057.7	1057.7	1053.8
42.5°	1017.3	1015.4	1017.3	1015.4	1009.6	1003.8	1001.9	998.1
45°	963.5	963.5	961.5	961.5	953.8	950.0	950.0	946.2
47.5°	907.7	907.7	905.8	901.9	898.1	896.2	892.3	892.3
50°	853.8	851.9	850.0	850.0	844.2	840.4	840.4	836.5
52.5°	796.2	796.2	796.2	792.3	786.5	782.7	784.6	780.8
55°	740.4	738.5	738.5	736.5	732.7	726.9	728.8	725.0
57.5°	686.5	682.7	678.8	678.8	675.0	669.2	669.2	669.2
60°	625.0	625.0	623.1	621.2	619.2	613.5	615.4	611.5
62.5°	571.2	565.4	565.4	563.5	561.5	555.8	559.6	555.8
65°	511.5	507.7	505.8	503.8	500.0	496.2	498.1	494.2
67.5°	448.1	446.2	446.2	444.2	442.3	438.5	442.3	438.5
70°	392.3	388.5	388.5	386.5	384.6	382.7	384.6	380.8
72.5°	334.6	334.6	332.7	330.8	328.8	328.8	328.8	330.8
75°	278.8	275.0	275.0	275.0	273.1	273.1	273.1	275.0
77.5°	225.0	221.2	219.2	217.3	217.3	217.3	217.3	219.2
80°	165.4	165.4	163.5	161.5	161.5	161.5	161.5	163.5
82.5°	109.6	109.6	107.7	105.8	105.8	105.8	103.8	105.8
85°	59.6	57.7	55.8	55.8	55.8	55.8	55.8	55.8
87.5°	15.4	13.5	13.5	13.5	15.4	15.4	13.5	15.4
90°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
92.5°	9.6	9.6	9.6	9.6	9.6	7.7	7.7	7.7
95°	19.2	19.2	19.2	17.3	17.3	17.3	17.3	17.3
97.5°	28.8	28.8	28.8	28.8	28.8	26.9	26.9	26.9
100°	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
102.5°	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
105°	50.0	51.9	51.9	51.9	53.8	53.8	53.8	53.8
107.5°	59.6	59.6	59.6	59.6	59.6	59.6	61.5	59.6
110°	73.1	71.2	71.2	69.2	69.2	69.2	69.2	69.2



TEST NUMBER: P303074

CATALOG NUMBER: CTW-F-2575-30L830-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	84.6	86.5	86.5	86.5	86.5	84.6	82.7	82.7
115°	94.2	96.2	96.2	96.2	96.2	98.1	98.1	98.1
117.5°	100.0	101.9	103.8	103.8	105.8	105.8	105.8	105.8
120°	107.7	109.6	109.6	109.6	111.5	111.5	111.5	111.5
122.5°	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3
125°	128.8	126.9	126.9	125.0	125.0	125.0	123.1	123.1
127.5°	142.3	140.4	138.5	136.5	134.6	134.6	132.7	132.7
130°	161.5	157.7	153.8	153.8	150.0	146.2	146.2	144.2
132.5°	182.7	176.9	175.0	173.1	167.3	163.5	163.5	161.5
135°	205.8	200.0	198.1	196.2	188.5	184.6	184.6	182.7
137.5°	228.8	223.1	221.2	219.2	213.5	209.6	207.7	205.8
140°	250.0	244.2	242.3	240.4	236.5	232.7	230.8	228.8
142.5°	271.2	267.3	265.4	263.5	257.7	253.8	251.9	251.9
145°	294.2	288.5	288.5	284.6	280.8	276.9	275.0	273.1
147.5°	317.3	311.5	309.6	307.7	303.8	298.1	296.2	296.2
150°	336.5	332.7	330.8	328.8	325.0	321.2	319.2	317.3
152.5°	355.8	351.9	351.9	350.0	346.2	342.3	340.4	340.4
155°	375.0	369.2	369.2	369.2	365.4	363.5	361.5	361.5
157.5°	392.3	388.5	386.5	386.5	384.6	382.7	378.8	380.8
160°	409.6	407.7	403.8	403.8	403.8	400.0	398.1	400.0
162.5°	426.9	425.0	423.1	423.1	421.2	419.2	417.3	417.3
165°	440.4	438.5	436.5	436.5	438.5	436.5	434.6	432.7
167.5°	453.8	451.9	450.0	450.0	451.9	450.0	448.1	448.1
170°	467.3	465.4	463.5	463.5	463.5	463.5	461.5	461.5
172.5°	478.8	476.9	476.9	475.0	476.9	475.0	473.1	473.1
175°	494.2	492.3	492.3	490.4	492.3	486.5	480.8	482.7
177.5°	503.8	503.8	501.9	501.9	501.9	498.1	494.2	494.2
180°	511.5	511.5	511.5	511.5	511.5	511.5	511.5	511.5

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