

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: P303070

Luminaire Tested: **CTW-F-2575-30L840-UNV-STD-6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303070
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-2575-30L840-UNV-STD-6
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 3000 LUMEN PACKAGE
Light Source: 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

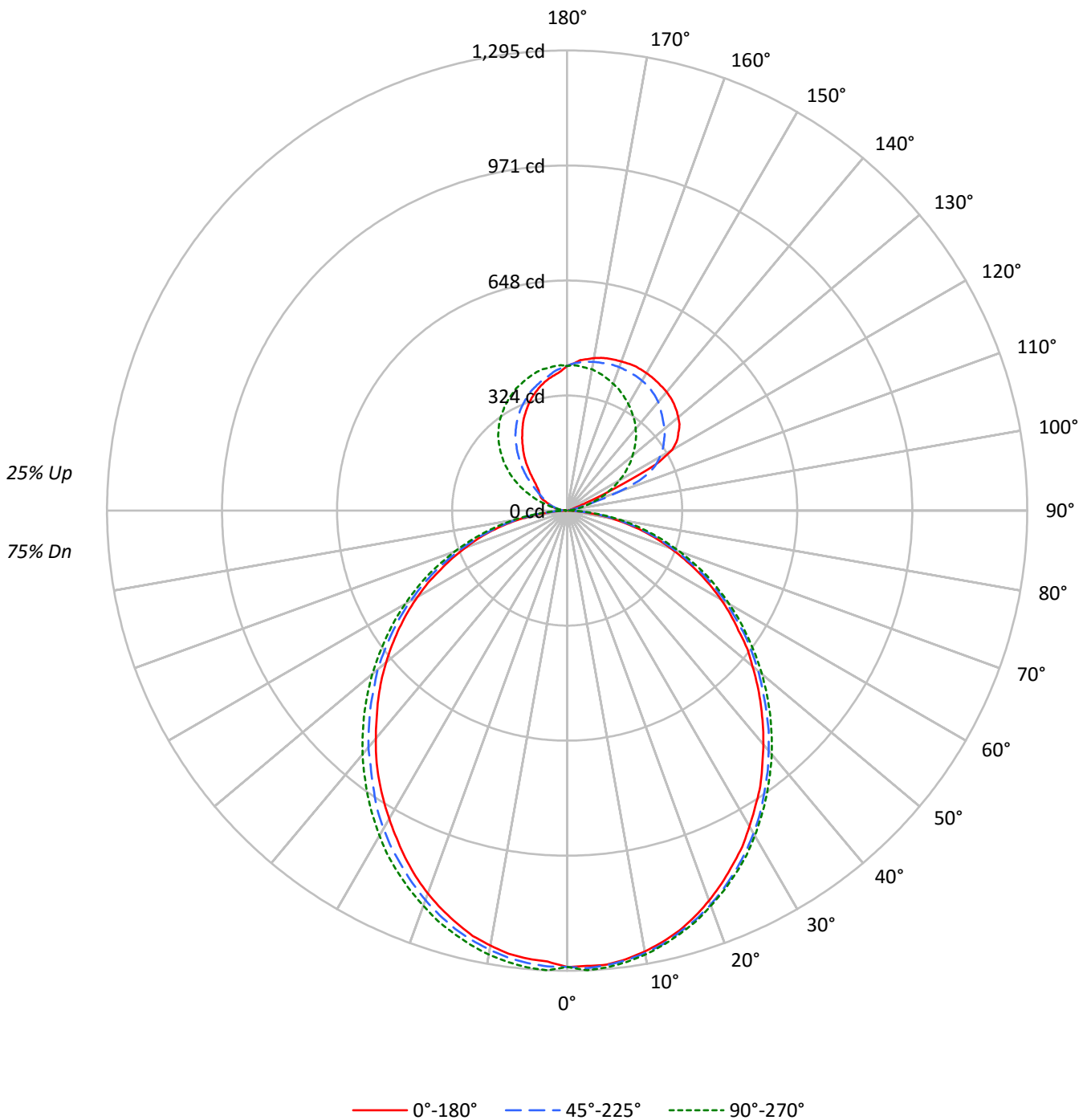
Lumens per Lamp: N/A
Luminaire Lumens: 4574.3 lumens
Efficiency: N/A
Efficacy: 121.7 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32
Luminous Opening: Rectangular (W 6' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 37.6
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



TEST NUMBER: P303070
CATALOG NUMBER: CTW-F-2575-30L840-UNV-STD-6

Luminous Intensity Polar Plot





TEST NUMBER: P303070

CATALOG NUMBER: CTW-F-2575-30L840-UNV-STD-6

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	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°	18431	18431	18431
5°	18479	18589	18237
10°	18359	18492	18113
15°	18173	18308	17855
20°	17839	18072	17512
25°	17432	17818	17068
30°	17001	17507	16595
35°	16608	17144	16178
40°	16097	16785	15696
45°	15639	16383	15267
50°	15189	15975	14848
55°	14728	15531	14423
60°	14349	15141	13956
65°	13757	14745	13343
70°	13025	14112	12702
75°	12122	13480	12122
80°	10612	12513	10744
85°	7048	10572	7295



TEST NUMBER: P303070

CATALOG NUMBER: CTW-F-2575-30L840-UNV-STD-6

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.3	2.7
10°-20°	343.5	7.5
20°-30°	508.7	11.1
30°-40°	597.0	13.1
40°-50°	605.0	13.2
50°-60°	539.6	11.8
60°-70°	411.8	9.0
70°-80°	242.1	5.3
80°-90°	64.0	1.4
90°-100°	11.8	0.3
100°-110°	50.3	1.1
110°-120°	140.0	3.1
120°-130°	200.3	4.4
130°-140°	215.9	4.7
140°-150°	205.3	4.5
150°-160°	168.7	3.7
160°-170°	110.6	2.4
170°-180°	38.5	0.8
0°-30°	973.6	21.3
0°-40°	1570.6	34.3
0°-60°	2715.2	59.4
0°-90°	3433.0	75.1
90°-120°	202.1	4.4
90°-150°	823.5	18.0
90°-180°	1141.0	24.9
0°-180°	4574.3	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1284	1284	1284	1284	1284	
5°	1283	1284	1290	1278	1266	122
15°	1223	1228	1232	1218	1202	344
25°	1101	1119	1125	1102	1078	507
35°	948	968	978	951	923	591
45°	770	792	807	783	752	595
55°	589	610	621	602	576	529
65°	405	420	434	414	393	401
75°	219	229	243	228	219	231
85°	43	52	64	50	44	53
90°	2	2	2	3	3	2
95°	3	3	9	15	14	3
105°	14	37	55	38	43	15
115°	144	257	130	69	78	163
125°	382	332	206	113	98	341
135°	425	378	272	184	145	328
145°	442	413	324	254	217	277
155°	450	426	364	312	287	207
165°	443	428	393	358	344	126
175°	425	419	408	394	384	41
180°	407	407	407	407	407	



TEST NUMBER: P303070

CATALOG NUMBER: CTW-F-2575-30L840-UNV-STD-6

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1284.2	1284.2	1284.2	1284.2	1284.2	1284.2	1284.2	1284.2	1284.2	1284.2	1284.2
2.5°	1282.7	1281.2	1281.2	1281.2	1285.8	1285.8	1284.2	1284.2	1285.8	1291.9	1288.8
5°	1282.7	1281.2	1281.2	1278.1	1281.2	1281.2	1279.6	1279.6	1281.2	1287.3	1284.2
7.5°	1273.5	1273.5	1272.0	1270.5	1272.0	1272.0	1272.0	1270.5	1272.0	1279.6	1276.6
10°	1259.8	1259.8	1258.2	1256.7	1258.2	1258.2	1258.2	1258.2	1259.8	1267.4	1264.4
12.5°	1242.9	1242.9	1241.4	1239.9	1242.9	1242.9	1241.4	1241.4	1242.9	1252.1	1249.1
15°	1223.1	1223.1	1223.1	1221.5	1224.6	1223.1	1223.1	1223.1	1223.1	1230.7	1227.7
17.5°	1197.1	1197.1	1197.1	1197.1	1200.1	1200.1	1200.1	1198.6	1200.1	1207.8	1206.3
20°	1168.0	1168.0	1168.0	1168.0	1169.6	1171.1	1169.6	1171.1	1171.1	1180.3	1180.3
22.5°	1135.9	1135.9	1134.4	1134.4	1135.9	1139.0	1137.5	1137.5	1139.0	1148.2	1151.2
25°	1100.8	1100.8	1100.8	1102.3	1103.8	1105.4	1103.8	1106.9	1106.9	1116.1	1119.1
27.5°	1067.1	1064.1	1065.6	1065.6	1067.1	1068.7	1068.7	1071.7	1073.2	1080.9	1085.5
30°	1025.9	1024.3	1025.9	1027.4	1027.4	1030.4	1032.0	1033.5	1035.0	1039.6	1048.8
32.5°	986.1	986.1	987.6	987.6	989.2	990.7	993.7	995.3	995.3	999.9	1010.6
35°	947.9	944.8	944.8	946.4	949.4	950.9	950.9	954.0	954.0	960.1	967.8
37.5°	902.0	902.0	905.1	905.1	905.1	908.1	908.1	911.2	912.7	917.3	926.5
40°	859.2	857.7	860.7	860.7	862.3	863.8	866.9	868.4	871.4	874.5	882.1
42.5°	814.9	814.9	816.4	817.9	819.5	821.0	824.0	825.6	827.1	830.2	839.3
45°	770.5	770.5	772.1	773.6	775.1	775.1	778.2	781.2	784.3	788.9	791.9
47.5°	726.2	726.2	727.7	727.7	729.3	730.8	732.3	735.4	738.4	743.0	746.1
50°	680.3	680.3	683.4	683.4	686.5	684.9	688.0	689.5	694.1	697.2	701.7
52.5°	639.1	634.5	636.0	637.5	640.6	642.1	643.6	643.6	646.7	651.3	655.9
55°	588.6	590.1	591.7	591.7	594.7	594.7	597.8	597.8	600.8	605.4	610.0
57.5°	545.8	545.8	544.3	547.3	548.9	548.9	550.4	550.4	555.0	558.0	561.1
60°	499.9	496.9	498.4	499.9	501.5	499.9	504.5	504.5	507.6	510.6	516.7
62.5°	452.5	452.5	451.0	452.5	454.1	454.1	457.1	457.1	461.7	461.7	467.8
65°	405.1	403.6	403.6	405.1	408.2	408.2	409.7	411.3	412.8	414.3	420.4
67.5°	356.2	356.2	354.7	357.7	357.7	357.7	360.8	360.8	362.3	363.9	368.5
70°	310.4	308.8	308.8	311.9	310.4	311.9	314.9	314.9	318.0	318.0	321.1
72.5°	264.5	263.0	263.0	261.4	267.5	266.0	267.5	269.1	269.1	270.6	275.2
75°	218.6	218.6	217.1	217.1	218.6	220.2	221.7	223.2	224.7	224.7	229.3
77.5°	172.8	172.8	171.2	175.8	175.8	175.8	177.3	177.3	180.4	180.4	183.5
80°	128.4	126.9	126.9	128.4	131.5	131.5	131.5	133.0	134.5	137.6	139.1
82.5°	84.1	84.1	84.1	85.6	87.1	88.7	88.7	88.7	90.2	93.3	94.8
85°	42.8	42.8	42.8	42.8	45.9	45.9	45.9	47.4	50.5	50.5	52.0
87.5°	7.6	7.6	7.6	7.6	9.2	9.2	9.2	9.2	9.2	12.2	13.8
90°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
92.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
95°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
97.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	6.1	6.1	6.1
100°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	9.2	10.7
102.5°	9.2	9.2	9.2	9.2	10.7	10.7	10.7	12.2	12.2	15.3	18.3
105°	13.8	13.8	13.8	13.8	13.8	15.3	15.3	16.8	19.9	26.0	36.7
107.5°	18.3	18.3	18.3	19.9	21.4	22.9	24.5	30.6	39.7	56.6	81.0
110°	27.5	29.0	30.6	33.6	39.7	42.8	47.4	64.2	90.2	125.4	154.4



TEST NUMBER: P303070

CATALOG NUMBER: CTW-F-2575-30L840-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	56.6	59.6	65.7	74.9	94.8	105.5	119.2	154.4	185.0	211.0	218.6
115°	143.7	157.5	165.1	178.9	207.9	218.6	230.9	247.7	261.4	264.5	256.8
117.5°	281.3	281.3	281.3	290.5	298.1	301.2	302.7	302.7	298.1	293.5	282.8
120°	340.9	340.9	339.4	339.4	337.9	336.3	333.3	328.7	321.1	313.4	301.2
122.5°	366.9	366.9	363.9	360.8	357.7	354.7	351.6	347.0	337.9	330.2	318.0
125°	382.2	382.2	379.2	376.1	373.0	370.0	366.9	360.8	353.2	344.0	331.8
127.5°	399.0	397.5	394.4	389.9	385.3	382.2	379.2	373.0	365.4	356.2	345.5
130°	408.2	408.2	405.1	402.1	399.0	396.0	392.9	383.7	374.6	366.9	357.7
132.5°	417.4	415.8	414.3	411.3	406.7	405.1	402.1	396.0	385.3	376.1	366.9
135°	425.0	423.5	422.0	418.9	415.8	412.8	411.3	405.1	397.5	385.3	377.6
137.5°	431.1	429.6	428.1	426.5	422.0	420.4	417.4	412.8	405.1	397.5	388.3
140°	435.7	432.7	432.7	431.1	426.5	425.0	423.5	417.4	411.3	405.1	399.0
142.5°	438.8	437.2	437.2	435.7	431.1	431.1	428.1	423.5	417.4	412.8	406.7
145°	441.8	440.3	440.3	438.8	435.7	435.7	432.7	428.1	422.0	417.4	412.8
147.5°	444.9	443.4	443.4	441.8	440.3	438.8	437.2	432.7	426.5	422.0	418.9
150°	446.4	446.4	444.9	443.4	441.8	440.3	438.8	434.2	429.6	426.5	422.0
152.5°	448.0	448.0	446.4	446.4	443.4	443.4	440.3	437.2	432.7	429.6	425.0
155°	449.5	449.5	448.0	446.4	444.9	443.4	441.8	437.2	432.7	431.1	426.5
157.5°	448.0	448.0	448.0	446.4	444.9	443.4	440.3	437.2	434.2	432.7	428.1
160°	446.4	448.0	446.4	444.9	443.4	443.4	441.8	437.2	434.2	434.2	429.6
162.5°	444.9	446.4	444.9	444.9	443.4	441.8	440.3	437.2	434.2	432.7	429.6
165°	443.4	443.4	443.4	441.8	440.3	438.8	438.8	434.2	432.7	432.7	428.1
167.5°	440.3	440.3	438.8	437.2	435.7	435.7	434.2	431.1	431.1	431.1	426.5
170°	435.7	435.7	434.2	432.7	432.7	431.1	431.1	428.1	428.1	428.1	425.0
172.5°	429.6	429.6	429.6	428.1	428.1	426.5	426.5	423.5	423.5	425.0	422.0
175°	425.0	423.5	423.5	422.0	422.0	422.0	420.4	418.9	420.4	420.4	418.9
177.5°	414.3	414.3	414.3	414.3	415.8	415.8	415.8	414.3	414.3	415.8	414.3
180°	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7



TEST NUMBER: P303070

CATALOG NUMBER: CTW-F-2575-30L840-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1284.2	1284.2	1284.2	1284.2	1284.2	1284.2	1284.2	1284.2	1284.2	1284.2	1284.2
2.5°	1279.6	1276.6	1276.6	1281.2	1282.7	1284.2	1285.8	1291.9	1293.4	1294.9	1293.4
5°	1276.6	1273.5	1272.0	1276.6	1278.1	1279.6	1281.2	1285.8	1288.8	1290.3	1287.3
7.5°	1267.4	1264.4	1264.4	1268.9	1268.9	1272.0	1272.0	1278.1	1279.6	1281.2	1279.6
10°	1256.7	1253.7	1252.1	1256.7	1258.2	1259.8	1259.8	1264.4	1267.4	1268.9	1265.9
12.5°	1239.9	1236.8	1235.3	1239.9	1241.4	1242.9	1244.5	1249.1	1250.6	1252.1	1250.6
15°	1221.5	1217.0	1215.4	1221.5	1223.1	1224.6	1224.6	1229.2	1230.7	1232.2	1230.7
17.5°	1198.6	1194.0	1194.0	1197.1	1201.7	1201.7	1201.7	1206.3	1209.3	1210.8	1207.8
20°	1174.2	1169.6	1168.0	1172.6	1174.2	1177.2	1177.2	1180.3	1183.3	1183.3	1183.3
22.5°	1145.1	1140.5	1139.0	1143.6	1145.1	1146.6	1148.2	1151.2	1154.3	1155.8	1152.7
25°	1114.5	1109.9	1108.4	1113.0	1114.5	1116.1	1117.6	1123.7	1123.7	1125.2	1122.2
27.5°	1079.4	1076.3	1073.2	1077.8	1082.4	1084.0	1084.0	1088.5	1090.1	1093.1	1088.5
30°	1044.2	1039.6	1038.1	1041.1	1045.7	1047.3	1047.3	1053.4	1054.9	1056.4	1051.8
32.5°	1007.5	1002.9	1001.4	1004.5	1009.0	1010.6	1010.6	1015.2	1016.7	1018.2	1015.2
35°	967.8	964.7	961.6	964.7	967.8	970.8	970.8	975.4	976.9	978.5	975.4
37.5°	929.5	925.0	921.9	923.4	926.5	931.1	931.1	937.2	937.2	937.2	934.1
40°	888.3	882.1	880.6	880.6	885.2	888.3	888.3	894.4	894.4	895.9	891.3
42.5°	845.5	840.9	839.3	837.8	842.4	843.9	845.5	851.6	850.0	851.6	847.0
45°	801.1	796.5	796.5	796.5	798.1	801.1	802.6	805.7	807.2	807.2	804.2
47.5°	753.7	752.2	752.2	752.2	755.2	755.2	756.8	759.8	759.8	761.4	758.3
50°	707.9	707.9	706.3	707.9	709.4	709.4	712.4	715.5	715.5	715.5	712.4
52.5°	658.9	660.5	660.5	662.0	663.5	663.5	668.1	671.2	671.2	668.1	665.0
55°	611.5	614.6	614.6	617.7	617.7	619.2	619.2	622.2	622.2	620.7	617.7
57.5°	565.7	567.2	567.2	570.3	571.8	571.8	574.8	577.9	577.9	574.8	571.8
60°	518.3	521.3	519.8	522.9	525.9	525.9	525.9	530.5	527.5	527.5	525.9
62.5°	470.9	470.9	472.4	475.5	477.0	477.0	480.1	483.1	483.1	480.1	478.5
65°	423.5	425.0	425.0	428.1	429.6	431.1	431.1	434.2	432.7	434.2	431.1
67.5°	373.0	374.6	374.6	376.1	379.2	379.2	382.2	383.7	385.3	383.7	382.2
70°	324.1	324.1	328.7	328.7	331.8	331.8	336.3	336.3	339.4	336.3	334.8
72.5°	276.7	278.2	282.8	281.3	284.4	284.4	289.0	290.5	292.0	289.0	290.5
75°	230.9	230.9	235.4	235.4	238.5	238.5	243.1	243.1	244.6	243.1	241.6
77.5°	185.0	185.0	188.0	189.6	191.1	192.6	195.7	195.7	198.7	197.2	198.7
80°	140.7	142.2	143.7	146.8	146.8	148.3	148.3	151.4	152.9	151.4	152.9
82.5°	96.3	99.4	100.9	100.9	102.4	105.5	107.0	107.0	108.5	107.0	110.1
85°	53.5	55.0	58.1	61.2	61.2	62.7	64.2	65.7	65.7	64.2	64.2
87.5°	15.3	16.8	21.4	21.4	21.4	24.5	26.0	26.0	27.5	26.0	29.0
90°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
92.5°	1.5	1.5	1.5	3.1	3.1	3.1	4.6	4.6	4.6	3.1	4.6
95°	4.6	4.6	6.1	9.2	10.7	12.2	13.8	13.8	10.7	9.2	9.2
97.5°	7.6	9.2	13.8	19.9	22.9	26.0	27.5	24.5	19.9	16.8	15.3
100°	13.8	19.9	29.0	39.7	42.8	45.9	44.3	39.7	33.6	27.5	24.5
102.5°	27.5	39.7	56.6	70.3	70.3	70.3	65.7	58.1	48.9	39.7	35.2
105°	58.1	79.5	97.8	104.0	100.9	99.4	88.7	78.0	65.7	55.0	48.9
107.5°	116.2	134.5	139.1	136.1	130.0	125.4	111.6	99.4	84.1	71.9	64.2
110°	177.3	178.9	174.3	163.6	155.9	149.8	134.5	120.8	105.5	91.7	79.5



TEST NUMBER: P303070

CATALOG NUMBER: CTW-F-2575-30L840-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	220.2	212.5	201.8	188.0	178.9	172.8	157.5	142.2	125.4	111.6	97.8
115°	249.2	237.0	224.7	207.9	201.8	194.2	178.9	163.6	146.8	130.0	117.7
117.5°	270.6	256.8	244.6	229.3	221.7	214.0	198.7	181.9	165.1	151.4	137.6
120°	289.0	276.7	263.0	247.7	241.6	233.9	218.6	201.8	185.0	169.7	155.9
122.5°	305.8	293.5	279.8	266.0	258.4	252.3	237.0	220.2	203.3	189.6	175.8
125°	321.1	308.8	296.6	281.3	275.2	267.5	252.3	235.4	221.7	206.4	192.6
127.5°	334.8	322.6	310.4	296.6	290.5	282.8	267.5	252.3	238.5	224.7	211.0
130°	348.6	336.3	324.1	310.4	302.7	296.6	282.8	267.5	253.8	240.0	227.8
132.5°	359.3	348.6	334.8	322.6	314.9	308.8	296.6	282.8	270.6	256.8	244.6
135°	370.0	357.7	347.0	333.3	327.2	321.1	308.8	296.6	284.4	272.1	259.9
137.5°	379.2	366.9	356.2	342.5	337.9	333.3	321.1	308.8	298.1	287.4	275.2
140°	388.3	376.1	363.9	351.6	347.0	342.5	331.8	321.1	310.4	299.7	290.5
142.5°	397.5	382.2	370.0	359.3	356.2	351.6	340.9	331.8	322.6	313.4	302.7
145°	403.6	389.9	376.1	368.5	363.9	359.3	350.1	340.9	333.3	324.1	314.9
147.5°	409.7	397.5	385.3	374.6	371.5	366.9	359.3	351.6	344.0	334.8	325.6
150°	412.8	402.1	391.4	383.7	379.2	374.6	366.9	359.3	353.2	345.5	336.3
152.5°	417.4	406.7	399.0	389.9	388.3	382.2	374.6	370.0	362.3	354.7	347.0
155°	418.9	409.7	403.6	397.5	396.0	389.9	382.2	376.1	370.0	363.9	356.2
157.5°	420.4	412.8	405.1	402.1	399.0	397.5	389.9	383.7	377.6	373.0	365.4
160°	422.0	414.3	408.2	405.1	403.6	400.6	396.0	392.9	383.7	379.2	371.5
162.5°	422.0	415.8	411.3	408.2	406.7	405.1	400.6	397.5	392.9	386.8	379.2
165°	422.0	417.4	412.8	411.3	409.7	408.2	403.6	402.1	397.5	392.9	386.8
167.5°	422.0	417.4	414.3	412.8	411.3	409.7	406.7	405.1	402.1	399.0	394.4
170°	420.4	417.4	414.3	412.8	412.8	411.3	408.2	408.2	405.1	403.6	399.0
172.5°	417.4	415.8	412.8	412.8	412.8	411.3	408.2	408.2	406.7	405.1	402.1
175°	414.3	412.8	411.3	411.3	411.3	409.7	408.2	409.7	408.2	408.2	405.1
177.5°	409.7	408.2	408.2	408.2	408.2	408.2	408.2	408.2	408.2	409.7	406.7
180°	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7



TEST NUMBER: P303070

CATALOG NUMBER: CTW-F-2575-30L840-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1284.2	1284.2	1284.2	1284.2	1284.2	1284.2	1284.2	1284.2	1284.2	1284.2	1284.2
2.5°	1284.2	1278.1	1278.1	1278.1	1281.2	1282.7	1282.7	1278.1	1284.2	1288.8	1284.2
5°	1278.1	1272.0	1272.0	1273.5	1275.1	1276.6	1276.6	1272.0	1278.1	1282.7	1276.6
7.5°	1270.5	1262.8	1262.8	1264.4	1265.9	1267.4	1267.4	1262.8	1268.9	1272.0	1265.9
10°	1256.7	1250.6	1249.1	1250.6	1253.7	1255.2	1253.7	1249.1	1255.2	1258.2	1253.7
12.5°	1239.9	1233.8	1233.8	1233.8	1236.8	1236.8	1236.8	1230.7	1238.4	1239.9	1233.8
15°	1220.0	1213.9	1213.9	1213.9	1215.4	1217.0	1215.4	1210.8	1218.5	1218.5	1212.4
17.5°	1197.1	1192.5	1189.4	1192.5	1192.5	1194.0	1191.0	1186.4	1194.0	1194.0	1189.4
20°	1172.6	1166.5	1165.0	1165.0	1166.5	1168.0	1163.5	1160.4	1166.5	1166.5	1160.4
22.5°	1142.0	1137.5	1135.9	1135.9	1137.5	1137.5	1132.9	1129.8	1135.9	1134.4	1128.3
25°	1111.5	1106.9	1105.4	1106.9	1106.9	1106.9	1100.8	1099.2	1102.3	1100.8	1094.7
27.5°	1077.8	1073.2	1071.7	1073.2	1073.2	1073.2	1067.1	1065.6	1070.2	1065.6	1059.5
30°	1041.1	1036.6	1035.0	1036.6	1038.1	1035.0	1028.9	1030.4	1033.5	1027.4	1022.8
32.5°	1007.5	999.9	998.3	999.9	1001.4	999.9	993.7	992.2	995.3	989.2	983.0
35°	966.2	960.1	961.6	963.2	961.6	960.1	952.5	954.0	950.9	947.9	941.8
37.5°	926.5	920.4	920.4	921.9	921.9	918.8	912.7	912.7	908.1	906.6	900.5
40°	885.2	879.1	879.1	880.6	880.6	876.0	871.4	873.0	869.9	863.8	857.7
42.5°	839.3	836.3	837.8	837.8	839.3	833.2	830.2	830.2	825.6	819.5	814.9
45°	796.5	791.9	795.0	796.5	796.5	790.4	788.9	784.3	782.8	778.2	772.1
47.5°	750.7	749.1	752.2	752.2	752.2	746.1	744.5	740.0	736.9	733.8	727.7
50°	706.3	704.8	707.9	707.9	707.9	700.2	701.7	694.1	695.6	688.0	683.4
52.5°	662.0	662.0	662.0	662.0	660.5	655.9	654.3	649.8	648.2	642.1	639.1
55°	614.6	614.6	617.7	616.1	614.6	611.5	608.5	602.4	602.4	596.2	591.7
57.5°	571.8	571.8	571.8	568.7	568.7	565.7	561.1	558.0	556.5	550.4	547.3
60°	524.4	525.9	522.9	521.3	521.3	518.3	515.2	513.7	509.1	503.0	501.5
62.5°	478.5	480.1	478.5	475.5	473.9	470.9	469.4	466.3	461.7	455.6	455.6
65°	429.6	431.1	431.1	426.5	426.5	425.0	423.5	418.9	414.3	409.7	408.2
67.5°	382.2	383.7	377.6	376.1	376.1	376.1	370.0	370.0	365.4	360.8	362.3
70°	336.3	334.8	333.3	328.7	330.2	327.2	324.1	322.6	318.0	314.9	314.9
72.5°	290.5	287.4	285.9	284.4	282.8	281.3	278.2	276.7	273.7	269.1	269.1
75°	244.6	241.6	240.0	238.5	237.0	235.4	230.9	230.9	227.8	224.7	224.7
77.5°	197.2	194.2	194.2	192.6	191.1	188.0	185.0	186.5	183.5	180.4	180.4
80°	151.4	149.8	149.8	148.3	145.2	143.7	143.7	142.2	139.1	134.5	134.5
82.5°	107.0	107.0	105.5	104.0	102.4	100.9	99.4	97.8	94.8	90.2	90.2
85°	65.7	64.2	64.2	62.7	61.2	58.1	55.0	53.5	50.5	47.4	47.4
87.5°	27.5	24.5	22.9	21.4	19.9	18.3	18.3	15.3	13.8	13.8	10.7
90°	1.5	1.5	1.5	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
92.5°	6.1	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
95°	9.2	10.7	13.8	13.8	15.3	15.3	15.3	15.3	15.3	15.3	15.3
97.5°	13.8	15.3	16.8	18.3	18.3	21.4	21.4	22.9	22.9	22.9	22.9
100°	21.4	21.4	22.9	24.5	22.9	24.5	26.0	27.5	29.0	29.0	30.6
102.5°	32.1	29.0	27.5	29.0	30.6	32.1	30.6	32.1	32.1	33.6	35.2
105°	42.8	39.7	36.7	36.7	36.7	38.2	39.7	39.7	38.2	38.2	39.7
107.5°	56.6	50.5	45.9	45.9	44.3	44.3	45.9	48.9	48.9	47.4	47.4
110°	71.9	64.2	58.1	56.6	55.0	53.5	53.5	55.0	56.6	58.1	59.6



TEST NUMBER: P303070

CATALOG NUMBER: CTW-F-2575-30L840-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	88.7	79.5	71.9	68.8	67.3	62.7	61.2	61.2	62.7	65.7	67.3
115°	107.0	97.8	87.1	84.1	81.0	73.4	71.9	70.3	68.8	70.3	71.9
117.5°	125.4	114.7	104.0	99.4	94.8	87.1	82.6	79.5	78.0	78.0	78.0
120°	143.7	133.0	120.8	116.2	111.6	104.0	96.3	90.2	87.1	85.6	85.6
122.5°	162.1	151.4	140.7	134.5	130.0	119.2	113.1	104.0	99.4	94.8	93.3
125°	180.4	169.7	159.0	152.9	148.3	137.6	128.4	120.8	113.1	107.0	104.0
127.5°	197.2	186.5	177.3	171.2	166.6	154.4	146.8	139.1	130.0	122.3	117.7
130°	215.6	203.3	194.2	189.6	185.0	172.8	163.6	154.4	148.3	140.7	133.0
132.5°	232.4	221.7	211.0	206.4	201.8	191.1	183.5	172.8	165.1	159.0	151.4
135°	247.7	237.0	227.8	223.2	218.6	207.9	200.3	191.1	183.5	175.8	169.7
137.5°	263.0	252.3	243.1	240.0	235.4	224.7	217.1	209.5	200.3	194.2	186.5
140°	276.7	267.5	258.4	255.3	250.7	241.6	233.9	226.3	218.6	211.0	204.9
142.5°	290.5	281.3	272.1	269.1	264.5	256.8	249.2	243.1	235.4	229.3	223.2
145°	302.7	293.5	285.9	282.8	278.2	272.1	263.0	258.4	253.8	246.1	240.0
147.5°	314.9	305.8	298.1	295.1	293.5	285.9	278.2	273.7	269.1	263.0	256.8
150°	325.6	318.0	310.4	308.8	305.8	299.7	292.0	287.4	284.4	278.2	273.7
152.5°	337.9	328.7	322.6	321.1	318.0	311.9	305.8	301.2	298.1	292.0	287.4
155°	347.0	339.4	333.3	331.8	328.7	324.1	318.0	313.4	311.9	305.8	301.2
157.5°	356.2	348.6	344.0	340.9	339.4	336.3	330.2	325.6	324.1	319.5	314.9
160°	363.9	357.7	353.2	351.6	350.1	345.5	340.9	336.3	336.3	333.3	328.7
162.5°	371.5	365.4	362.3	360.8	359.3	356.2	351.6	348.6	348.6	344.0	340.9
165°	379.2	373.0	370.0	368.5	368.5	365.4	362.3	357.7	357.7	356.2	353.2
167.5°	386.8	379.2	377.6	376.1	376.1	374.6	371.5	368.5	366.9	366.9	362.3
170°	392.9	386.8	383.7	382.2	382.2	380.7	377.6	376.1	376.1	376.1	373.0
172.5°	397.5	392.9	391.4	391.4	391.4	389.9	388.3	383.7	383.7	386.8	380.7
175°	400.6	397.5	397.5	397.5	397.5	396.0	394.4	392.9	394.4	396.0	392.9
177.5°	403.6	400.6	400.6	400.6	402.1	402.1	400.6	399.0	400.6	402.1	400.6
180°	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7



TEST NUMBER: P303070

CATALOG NUMBER: CTW-F-2575-30L840-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	1284.2	1284.2	1284.2	1284.2	1284.2	1284.2	1284.2	1284.2
2.5°	1284.2	1282.7	1281.2	1281.2	1282.7	1276.6	1270.5	1270.5
5°	1276.6	1275.1	1273.5	1273.5	1275.1	1270.5	1265.9	1265.9
7.5°	1265.9	1264.4	1262.8	1264.4	1267.4	1262.8	1258.2	1258.2
10°	1252.1	1249.1	1247.5	1247.5	1250.6	1246.0	1242.9	1242.9
12.5°	1232.2	1230.7	1227.7	1229.2	1230.7	1227.7	1223.1	1226.1
15°	1210.8	1209.3	1207.8	1209.3	1210.8	1206.3	1201.7	1201.7
17.5°	1187.9	1186.4	1183.3	1186.4	1186.4	1180.3	1175.7	1175.7
20°	1158.9	1155.8	1154.3	1155.8	1155.8	1149.7	1146.6	1146.6
22.5°	1125.2	1122.2	1120.6	1122.2	1120.6	1116.1	1113.0	1114.5
25°	1090.1	1087.0	1087.0	1087.0	1087.0	1080.9	1077.8	1077.8
27.5°	1054.9	1051.8	1050.3	1051.8	1050.3	1044.2	1039.6	1039.6
30°	1018.2	1012.1	1012.1	1013.6	1012.1	1006.0	1001.4	1001.4
32.5°	978.5	973.9	975.4	975.4	972.3	966.2	963.2	963.2
35°	937.2	934.1	935.7	934.1	931.1	926.5	923.4	923.4
37.5°	894.4	892.8	892.8	894.4	888.3	883.7	882.1	882.1
40°	851.6	850.0	850.0	851.6	845.5	840.9	840.9	837.8
42.5°	808.8	807.2	808.8	807.2	802.6	798.1	796.5	793.5
45°	766.0	766.0	764.4	764.4	758.3	755.2	755.2	752.2
47.5°	721.6	721.6	720.1	717.0	714.0	712.4	709.4	709.4
50°	678.8	677.3	675.7	675.7	671.2	668.1	668.1	665.0
52.5°	632.9	632.9	632.9	629.9	625.3	622.2	623.8	620.7
55°	588.6	587.1	587.1	585.5	582.5	577.9	579.4	576.4
57.5°	545.8	542.7	539.7	539.7	536.6	532.0	532.0	532.0
60°	496.9	496.9	495.3	493.8	492.3	487.7	489.2	486.2
62.5°	454.1	449.5	449.5	448.0	446.4	441.8	444.9	441.8
65°	406.7	403.6	402.1	400.6	397.5	394.4	396.0	392.9
67.5°	356.2	354.7	354.7	353.2	351.6	348.6	351.6	348.6
70°	311.9	308.8	308.8	307.3	305.8	304.2	305.8	302.7
72.5°	266.0	266.0	264.5	263.0	261.4	261.4	261.4	263.0
75°	221.7	218.6	218.6	218.6	217.1	217.1	217.1	218.6
77.5°	178.9	175.8	174.3	172.8	172.8	172.8	172.8	174.3
80°	131.5	131.5	130.0	128.4	128.4	128.4	128.4	130.0
82.5°	87.1	87.1	85.6	84.1	84.1	84.1	82.6	84.1
85°	47.4	45.9	44.3	44.3	44.3	44.3	44.3	44.3
87.5°	12.2	10.7	10.7	10.7	12.2	12.2	10.7	12.2
90°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
92.5°	7.6	7.6	7.6	7.6	7.6	6.1	6.1	6.1
95°	15.3	15.3	15.3	13.8	13.8	13.8	13.8	13.8
97.5°	22.9	22.9	22.9	22.9	22.9	21.4	21.4	21.4
100°	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
102.5°	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
105°	39.7	41.3	41.3	41.3	42.8	42.8	42.8	42.8
107.5°	47.4	47.4	47.4	47.4	47.4	47.4	48.9	47.4
110°	58.1	56.6	56.6	55.0	55.0	55.0	55.0	55.0



TEST NUMBER: P303070

CATALOG NUMBER: CTW-F-2575-30L840-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	67.3	68.8	68.8	68.8	68.8	67.3	65.7	65.7
115°	74.9	76.4	76.4	76.4	76.4	78.0	78.0	78.0
117.5°	79.5	81.0	82.6	82.6	84.1	84.1	84.1	84.1
120°	85.6	87.1	87.1	87.1	88.7	88.7	88.7	88.7
122.5°	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
125°	102.4	100.9	100.9	99.4	99.4	99.4	97.8	97.8
127.5°	113.1	111.6	110.1	108.5	107.0	107.0	105.5	105.5
130°	128.4	125.4	122.3	122.3	119.2	116.2	116.2	114.7
132.5°	145.2	140.7	139.1	137.6	133.0	130.0	130.0	128.4
135°	163.6	159.0	157.5	155.9	149.8	146.8	146.8	145.2
137.5°	181.9	177.3	175.8	174.3	169.7	166.6	165.1	163.6
140°	198.7	194.2	192.6	191.1	188.0	185.0	183.5	181.9
142.5°	215.6	212.5	211.0	209.5	204.9	201.8	200.3	200.3
145°	233.9	229.3	229.3	226.3	223.2	220.2	218.6	217.1
147.5°	252.3	247.7	246.1	244.6	241.6	237.0	235.4	235.4
150°	267.5	264.5	263.0	261.4	258.4	255.3	253.8	252.3
152.5°	282.8	279.8	279.8	278.2	275.2	272.1	270.6	270.6
155°	298.1	293.5	293.5	293.5	290.5	289.0	287.4	287.4
157.5°	311.9	308.8	307.3	307.3	305.8	304.2	301.2	302.7
160°	325.6	324.1	321.1	321.1	321.1	318.0	316.5	318.0
162.5°	339.4	337.9	336.3	336.3	334.8	333.3	331.8	331.8
165°	350.1	348.6	347.0	347.0	348.6	347.0	345.5	344.0
167.5°	360.8	359.3	357.7	357.7	359.3	357.7	356.2	356.2
170°	371.5	370.0	368.5	368.5	368.5	368.5	366.9	366.9
172.5°	380.7	379.2	379.2	377.6	379.2	377.6	376.1	376.1
175°	392.9	391.4	391.4	389.9	391.4	386.8	382.2	383.7
177.5°	400.6	400.6	399.0	399.0	399.0	396.0	392.9	392.9
180°	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7

(END OF REPORT)