

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: P303073

Luminaire Tested: **CTW-F-2575-30L940-UNV-STD-6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303073
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-2575-30L940-UNV-STD-6
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 3000 LUMEN PACKAGE
Light Source: 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

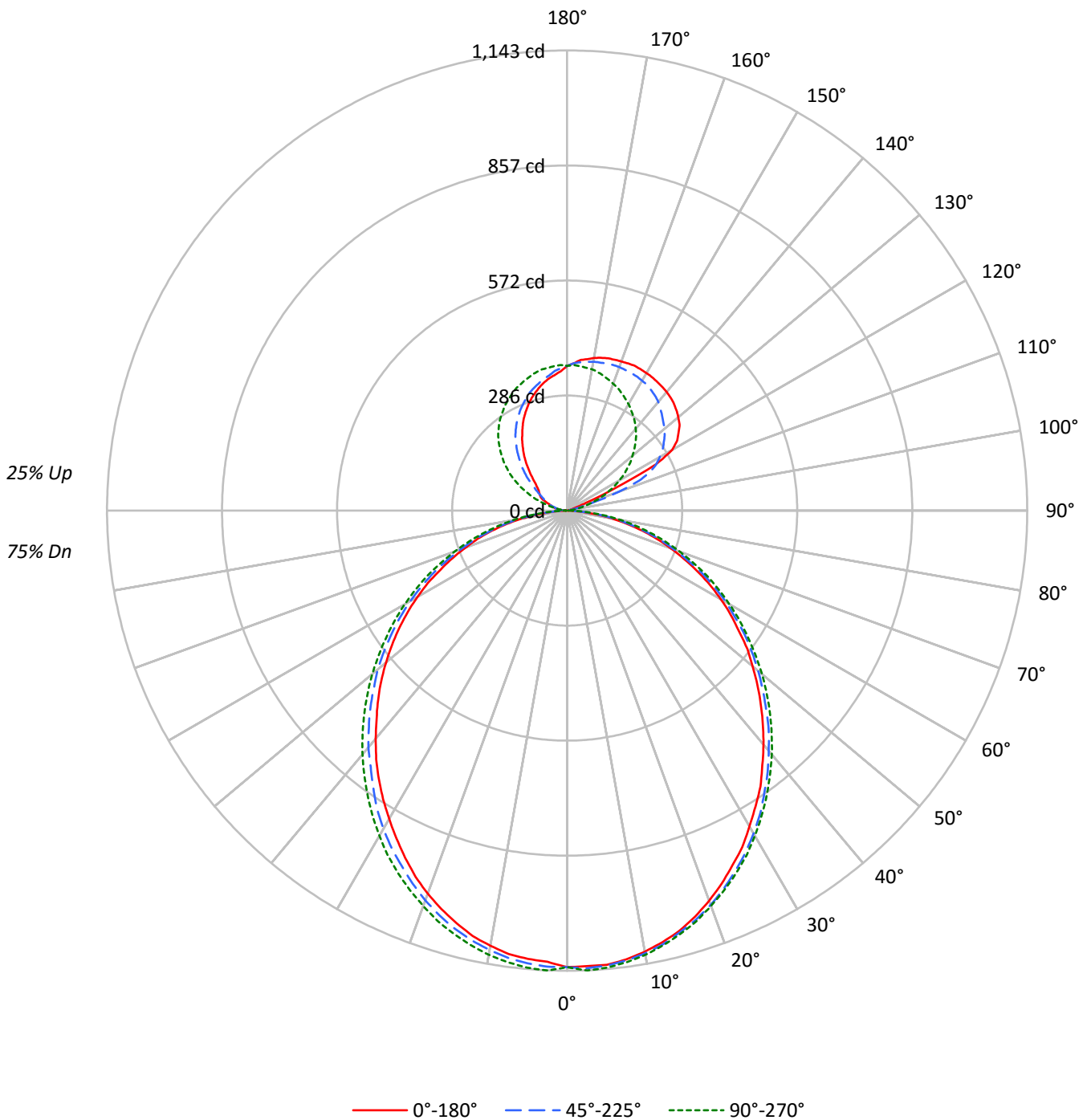
Lumens per Lamp: N/A
Luminaire Lumens: 4038.9 lumens
Efficiency: N/A
Efficacy: 107.4 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32
Luminous Opening: Rectangular (W 6' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

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



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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	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°	16275	16275	16275
5°	16317	16415	16104
10°	16211	16329	15994
15°	16047	16167	15766
20°	15753	15959	15464
25°	15392	15734	15071
30°	15011	15458	14653
35°	14665	15138	14286
40°	14214	14821	13860
45°	13810	14467	13481
50°	13412	14107	13111
55°	13004	13714	12734
60°	12670	13367	12323
65°	12147	13020	11781
70°	11498	12463	11216
75°	10702	11900	10702
80°	9372	11042	9480
85°	6225	9337	6439



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.1	2.7
10°-20°	303.3	7.5
20°-30°	449.2	11.1
30°-40°	527.2	13.1
40°-50°	534.2	13.2
50°-60°	476.5	11.8
60°-70°	363.6	9.0
70°-80°	213.7	5.3
80°-90°	56.5	1.4
90°-100°	10.4	0.3
100°-110°	44.4	1.1
110°-120°	123.6	3.1
120°-130°	176.8	4.4
130°-140°	190.6	4.7
140°-150°	181.3	4.5
150°-160°	148.9	3.7
160°-170°	97.7	2.4
170°-180°	34.0	0.8
0°-30°	859.7	21.3
0°-40°	1386.8	34.3
0°-60°	2397.5	59.4
0°-90°	3031.3	75.1
90°-120°	178.4	4.4
90°-150°	727.0	18.0
90°-180°	1008.0	25.0
0°-180°	4038.9	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1134	1134	1134	1134	1134	
5°	1133	1134	1139	1129	1118	107
15°	1080	1084	1088	1076	1061	304
25°	972	988	994	973	952	448
35°	837	854	864	840	815	522
45°	680	699	713	691	664	525
55°	520	539	548	532	509	467
65°	358	371	383	366	347	354
75°	193	202	215	201	193	204
85°	38	46	57	44	39	47
90°	1	1	1	3	3	1
95°	3	3	8	14	12	3
105°	12	32	49	34	38	14
115°	127	227	115	61	69	144
125°	338	293	182	100	86	301
135°	375	333	240	162	128	290
145°	390	364	286	224	192	245
155°	397	377	321	275	254	183
165°	392	378	347	316	304	111
175°	375	370	360	348	339	36
180°	359	359	359	359	359	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1134.0	1134.0	1134.0	1134.0	1134.0	1134.0	1134.0	1134.0	1134.0	1134.0	1134.0
2.5°	1132.6	1131.3	1131.3	1131.3	1135.3	1135.3	1134.0	1134.0	1135.3	1140.7	1138.0
5°	1132.6	1131.3	1131.3	1128.6	1131.3	1131.3	1129.9	1129.9	1131.3	1136.7	1134.0
7.5°	1124.5	1124.5	1123.2	1121.8	1123.2	1123.2	1123.2	1121.8	1123.2	1129.9	1127.2
10°	1112.4	1112.4	1111.0	1109.7	1111.0	1111.0	1111.0	1111.0	1112.4	1119.1	1116.4
12.5°	1097.5	1097.5	1096.2	1094.8	1097.5	1097.5	1096.2	1096.2	1097.5	1105.6	1102.9
15°	1080.0	1080.0	1080.0	1078.6	1081.3	1080.0	1080.0	1080.0	1080.0	1086.7	1084.0
17.5°	1057.0	1057.0	1057.0	1057.0	1059.7	1059.7	1059.7	1058.4	1059.7	1066.5	1065.1
20°	1031.4	1031.4	1031.4	1031.4	1032.7	1034.1	1032.7	1034.1	1034.1	1042.2	1042.2
22.5°	1003.0	1003.0	1001.7	1001.7	1003.0	1005.7	1004.4	1004.4	1005.7	1013.8	1016.5
25°	972.0	972.0	972.0	973.3	974.7	976.0	974.7	977.4	977.4	985.5	988.2
27.5°	942.3	939.6	940.9	940.9	942.3	943.6	943.6	946.3	947.7	954.4	958.5
30°	905.8	904.5	905.8	907.2	907.2	909.9	911.2	912.6	913.9	918.0	926.1
32.5°	870.7	870.7	872.1	872.1	873.4	874.8	877.5	878.8	878.8	882.9	892.3
35°	837.0	834.3	834.3	835.6	838.3	839.7	839.7	842.4	842.4	847.8	854.5
37.5°	796.5	796.5	799.2	799.2	799.2	801.9	801.9	804.6	805.9	810.0	818.1
40°	758.7	757.3	760.0	760.0	761.4	762.7	765.4	766.8	769.5	772.2	778.9
42.5°	719.5	719.5	720.9	722.2	723.6	724.9	727.6	729.0	730.3	733.0	741.1
45°	680.4	680.4	681.7	683.1	684.4	684.4	687.1	689.8	692.5	696.6	699.3
47.5°	641.2	641.2	642.6	642.6	643.9	645.3	646.6	649.3	652.0	656.1	658.8
50°	600.7	600.7	603.4	603.4	606.1	604.8	607.5	608.8	612.9	615.6	619.6
52.5°	564.3	560.2	561.6	562.9	565.6	567.0	568.3	568.3	571.0	575.1	579.1
55°	519.7	521.1	522.4	522.4	525.1	525.1	527.8	527.8	530.5	534.6	538.6
57.5°	481.9	481.9	480.6	483.3	484.6	484.6	486.0	486.0	490.0	492.7	495.4
60°	441.4	438.7	440.1	441.4	442.8	441.4	445.5	445.5	448.2	450.9	456.3
62.5°	399.6	399.6	398.2	399.6	400.9	400.9	403.6	403.6	407.7	407.7	413.1
65°	357.7	356.4	356.4	357.7	360.4	360.4	361.8	363.1	364.5	365.8	371.2
67.5°	314.5	314.5	313.2	315.9	315.9	315.9	318.6	318.6	319.9	321.3	325.3
70°	274.0	272.7	272.7	275.4	274.0	275.4	278.1	278.1	280.8	280.8	283.5
72.5°	233.5	232.2	232.2	230.8	236.2	234.9	236.2	237.6	237.6	238.9	243.0
75°	193.0	193.0	191.7	191.7	193.0	194.4	195.7	197.1	198.4	198.4	202.5
77.5°	152.5	152.5	151.2	155.2	155.2	155.2	156.6	156.6	159.3	159.3	162.0
80°	113.4	112.0	112.0	113.4	116.1	116.1	116.1	117.4	118.8	121.5	122.8
82.5°	74.2	74.2	74.2	75.6	76.9	78.3	78.3	78.3	79.6	82.3	83.7
85°	37.8	37.8	37.8	37.8	40.5	40.5	40.5	41.8	44.5	44.5	45.9
87.5°	6.7	6.7	6.7	6.7	8.1	8.1	8.1	8.1	8.1	10.8	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°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
95°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
97.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	5.4	5.4	5.4
100°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	8.1	9.4
102.5°	8.1	8.1	8.1	8.1	9.4	9.4	9.4	10.8	10.8	13.5	16.2
105°	12.1	12.1	12.1	12.1	12.1	13.5	13.5	14.8	17.5	22.9	32.4
107.5°	16.2	16.2	16.2	17.5	18.9	20.2	21.6	27.0	35.1	49.9	71.5
110°	24.3	25.6	27.0	29.7	35.1	37.8	41.8	56.7	79.6	110.7	136.3



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	49.9	52.6	58.0	66.1	83.7	93.1	105.3	136.3	163.3	186.3	193.0
115°	126.9	139.0	145.8	157.9	183.6	193.0	203.8	218.7	230.8	233.5	226.8
117.5°	248.4	248.4	248.4	256.5	263.2	265.9	267.3	267.3	263.2	259.2	249.7
120°	301.0	301.0	299.7	299.7	298.3	297.0	294.3	290.2	283.5	276.7	265.9
122.5°	324.0	324.0	321.3	318.6	315.9	313.2	310.5	306.4	298.3	291.6	280.8
125°	337.5	337.5	334.8	332.1	329.4	326.7	324.0	318.6	311.8	303.7	292.9
127.5°	352.3	351.0	348.3	344.2	340.2	337.5	334.8	329.4	322.6	314.5	305.1
130°	360.4	360.4	357.7	355.0	352.3	349.6	346.9	338.8	330.7	324.0	315.9
132.5°	368.5	367.2	365.8	363.1	359.1	357.7	355.0	349.6	340.2	332.1	324.0
135°	375.3	373.9	372.6	369.9	367.2	364.5	363.1	357.7	351.0	340.2	333.4
137.5°	380.7	379.3	378.0	376.6	372.6	371.2	368.5	364.5	357.7	351.0	342.9
140°	384.7	382.0	382.0	380.7	376.6	375.3	373.9	368.5	363.1	357.7	352.3
142.5°	387.4	386.1	386.1	384.7	380.7	380.7	378.0	373.9	368.5	364.5	359.1
145°	390.1	388.8	388.8	387.4	384.7	384.7	382.0	378.0	372.6	368.5	364.5
147.5°	392.8	391.5	391.5	390.1	388.8	387.4	386.1	382.0	376.6	372.6	369.9
150°	394.2	394.2	392.8	391.5	390.1	388.8	387.4	383.4	379.3	376.6	372.6
152.5°	395.5	395.5	394.2	394.2	391.5	391.5	388.8	386.1	382.0	379.3	375.3
155°	396.9	396.9	395.5	394.2	392.8	391.5	390.1	386.1	382.0	380.7	376.6
157.5°	395.5	395.5	395.5	394.2	392.8	391.5	388.8	386.1	383.4	382.0	378.0
160°	394.2	395.5	394.2	392.8	391.5	391.5	390.1	386.1	383.4	383.4	379.3
162.5°	392.8	394.2	392.8	392.8	391.5	390.1	388.8	386.1	383.4	382.0	379.3
165°	391.5	391.5	391.5	390.1	388.8	387.4	387.4	383.4	382.0	382.0	378.0
167.5°	388.8	388.8	387.4	386.1	384.7	384.7	383.4	380.7	380.7	380.7	376.6
170°	384.7	384.7	383.4	382.0	382.0	380.7	380.7	378.0	378.0	378.0	375.3
172.5°	379.3	379.3	379.3	378.0	378.0	376.6	376.6	373.9	373.9	375.3	372.6
175°	375.3	373.9	373.9	372.6	372.6	372.6	371.2	369.9	371.2	371.2	369.9
177.5°	365.8	365.8	365.8	365.8	367.2	367.2	367.2	365.8	365.8	367.2	365.8
180°	359.1	359.1	359.1	359.1	359.1	359.1	359.1	359.1	359.1	359.1	359.1



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1134.0	1134.0	1134.0	1134.0	1134.0	1134.0	1134.0	1134.0	1134.0	1134.0	1134.0
2.5°	1129.9	1127.2	1127.2	1131.3	1132.6	1134.0	1135.3	1140.7	1142.1	1143.4	1142.1
5°	1127.2	1124.5	1123.2	1127.2	1128.6	1129.9	1131.3	1135.3	1138.0	1139.4	1136.7
7.5°	1119.1	1116.4	1116.4	1120.5	1120.5	1123.2	1123.2	1128.6	1129.9	1131.3	1129.9
10°	1109.7	1107.0	1105.6	1109.7	1111.0	1112.4	1112.4	1116.4	1119.1	1120.5	1117.8
12.5°	1094.8	1092.1	1090.8	1094.8	1096.2	1097.5	1098.9	1102.9	1104.3	1105.6	1104.3
15°	1078.6	1074.6	1073.2	1078.6	1080.0	1081.3	1081.3	1085.4	1086.7	1088.1	1086.7
17.5°	1058.4	1054.3	1054.3	1057.0	1061.1	1061.1	1061.1	1065.1	1067.8	1069.2	1066.5
20°	1036.8	1032.7	1031.4	1035.4	1036.8	1039.5	1039.5	1042.2	1044.9	1044.9	1044.9
22.5°	1011.1	1007.1	1005.7	1009.8	1011.1	1012.5	1013.8	1016.5	1019.2	1020.6	1017.9
25°	984.1	980.1	978.7	982.8	984.1	985.5	986.8	992.2	992.2	993.6	990.9
27.5°	953.1	950.4	947.7	951.7	955.8	957.1	957.1	961.2	962.5	965.2	961.2
30°	922.0	918.0	916.6	919.3	923.4	924.7	924.7	930.1	931.5	932.8	928.8
32.5°	889.6	885.6	884.2	886.9	891.0	892.3	892.3	896.4	897.7	899.1	896.4
35°	854.5	851.8	849.1	851.8	854.5	857.2	857.2	861.3	862.6	864.0	861.3
37.5°	820.8	816.7	814.0	815.4	818.1	822.1	822.1	827.5	827.5	827.5	824.8
40°	784.3	778.9	777.6	777.6	781.6	784.3	784.3	789.7	789.7	791.1	787.0
42.5°	746.5	742.5	741.1	739.8	743.8	745.2	746.5	751.9	750.6	751.9	747.9
45°	707.4	703.3	703.3	703.3	704.7	707.4	708.7	711.4	712.8	712.8	710.1
47.5°	665.5	664.2	664.2	664.2	666.9	666.9	668.2	670.9	670.9	672.3	669.6
50°	625.0	625.0	623.7	625.0	626.4	626.4	629.1	631.8	631.8	631.8	629.1
52.5°	581.8	583.2	583.2	584.5	585.9	585.9	589.9	592.6	592.6	589.9	587.2
55°	540.0	542.7	542.7	545.4	545.4	546.7	546.7	549.4	549.4	548.1	545.4
57.5°	499.5	500.8	500.8	503.5	504.9	504.9	507.6	510.3	510.3	507.6	504.9
60°	457.6	460.3	459.0	461.7	464.4	464.4	464.4	468.4	465.7	465.7	464.4
62.5°	415.8	415.8	417.1	419.8	421.2	421.2	423.9	426.6	426.6	423.9	422.5
65°	373.9	375.3	375.3	378.0	379.3	380.7	380.7	383.4	382.0	383.4	380.7
67.5°	329.4	330.7	330.7	332.1	334.8	334.8	337.5	338.8	340.2	338.8	337.5
70°	286.2	286.2	290.2	290.2	292.9	292.9	297.0	297.0	299.7	297.0	295.6
72.5°	244.3	245.7	249.7	248.4	251.1	251.1	255.1	256.5	257.8	255.1	256.5
75°	203.8	203.8	207.9	207.9	210.6	210.6	214.6	214.6	216.0	214.6	213.3
77.5°	163.3	163.3	166.0	167.4	168.7	170.1	172.8	172.8	175.5	174.1	175.5
80°	124.2	125.5	126.9	129.6	129.6	130.9	130.9	133.6	135.0	133.6	135.0
82.5°	85.0	87.7	89.1	89.1	90.4	93.1	94.5	94.5	95.8	94.5	97.2
85°	47.2	48.6	51.3	54.0	54.0	55.3	56.7	58.0	58.0	56.7	56.7
87.5°	13.5	14.8	18.9	18.9	18.9	21.6	22.9	22.9	24.3	22.9	25.6
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°	1.3	1.3	1.3	2.7	2.7	2.7	4.0	4.0	4.0	2.7	4.0
95°	4.0	4.0	5.4	8.1	9.4	10.8	12.1	12.1	9.4	8.1	8.1
97.5°	6.7	8.1	12.1	17.5	20.2	22.9	24.3	21.6	17.5	14.8	13.5
100°	12.1	17.5	25.6	35.1	37.8	40.5	39.1	35.1	29.7	24.3	21.6
102.5°	24.3	35.1	49.9	62.1	62.1	62.1	58.0	51.3	43.2	35.1	31.0
105°	51.3	70.2	86.4	91.8	89.1	87.7	78.3	68.8	58.0	48.6	43.2
107.5°	102.6	118.8	122.8	120.1	114.7	110.7	98.5	87.7	74.2	63.4	56.7
110°	156.6	157.9	153.9	144.4	137.7	132.3	118.8	106.6	93.1	81.0	70.2



TEST NUMBER: P303073

CATALOG NUMBER: CTW-F-2575-30L940-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	194.4	187.6	178.2	166.0	157.9	152.5	139.0	125.5	110.7	98.5	86.4
115°	220.0	209.2	198.4	183.6	178.2	171.4	157.9	144.4	129.6	114.7	103.9
117.5°	238.9	226.8	216.0	202.5	195.7	189.0	175.5	160.6	145.8	133.6	121.5
120°	255.1	244.3	232.2	218.7	213.3	206.5	193.0	178.2	163.3	149.8	137.7
122.5°	270.0	259.2	247.0	234.9	228.1	222.7	209.2	194.4	179.5	167.4	155.2
125°	283.5	272.7	261.9	248.4	243.0	236.2	222.7	207.9	195.7	182.2	170.1
127.5°	295.6	284.8	274.0	261.9	256.5	249.7	236.2	222.7	210.6	198.4	186.3
130°	307.8	297.0	286.2	274.0	267.3	261.9	249.7	236.2	224.1	211.9	201.1
132.5°	317.2	307.8	295.6	284.8	278.1	272.7	261.9	249.7	238.9	226.8	216.0
135°	326.7	315.9	306.4	294.3	288.9	283.5	272.7	261.9	251.1	240.3	229.5
137.5°	334.8	324.0	314.5	302.4	298.3	294.3	283.5	272.7	263.2	253.8	243.0
140°	342.9	332.1	321.3	310.5	306.4	302.4	292.9	283.5	274.0	264.6	256.5
142.5°	351.0	337.5	326.7	317.2	314.5	310.5	301.0	292.9	284.8	276.7	267.3
145°	356.4	344.2	332.1	325.3	321.3	317.2	309.1	301.0	294.3	286.2	278.1
147.5°	361.8	351.0	340.2	330.7	328.0	324.0	317.2	310.5	303.7	295.6	287.5
150°	364.5	355.0	345.6	338.8	334.8	330.7	324.0	317.2	311.8	305.1	297.0
152.5°	368.5	359.1	352.3	344.2	342.9	337.5	330.7	326.7	319.9	313.2	306.4
155°	369.9	361.8	356.4	351.0	349.6	344.2	337.5	332.1	326.7	321.3	314.5
157.5°	371.2	364.5	357.7	355.0	352.3	351.0	344.2	338.8	333.4	329.4	322.6
160°	372.6	365.8	360.4	357.7	356.4	353.7	349.6	346.9	338.8	334.8	328.0
162.5°	372.6	367.2	363.1	360.4	359.1	357.7	353.7	351.0	346.9	341.5	334.8
165°	372.6	368.5	364.5	363.1	361.8	360.4	356.4	355.0	351.0	346.9	341.5
167.5°	372.6	368.5	365.8	364.5	363.1	361.8	359.1	357.7	355.0	352.3	348.3
170°	371.2	368.5	365.8	364.5	364.5	363.1	360.4	360.4	357.7	356.4	352.3
172.5°	368.5	367.2	364.5	364.5	364.5	363.1	360.4	360.4	359.1	357.7	355.0
175°	365.8	364.5	363.1	363.1	363.1	361.8	360.4	361.8	360.4	360.4	357.7
177.5°	361.8	360.4	360.4	360.4	360.4	360.4	360.4	360.4	360.4	361.8	359.1
180°	359.1	359.1	359.1	359.1	359.1	359.1	359.1	359.1	359.1	359.1	359.1



TEST NUMBER: P303073

CATALOG NUMBER: CTW-F-2575-30L940-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1134.0	1134.0	1134.0	1134.0	1134.0	1134.0	1134.0	1134.0	1134.0	1134.0	1134.0
2.5°	1134.0	1128.6	1128.6	1128.6	1131.3	1132.6	1132.6	1128.6	1134.0	1138.0	1134.0
5°	1128.6	1123.2	1123.2	1124.5	1125.9	1127.2	1127.2	1123.2	1128.6	1132.6	1127.2
7.5°	1121.8	1115.1	1115.1	1116.4	1117.8	1119.1	1119.1	1115.1	1120.5	1123.2	1117.8
10°	1109.7	1104.3	1102.9	1104.3	1107.0	1108.3	1107.0	1102.9	1108.3	1111.0	1107.0
12.5°	1094.8	1089.4	1089.4	1089.4	1092.1	1092.1	1092.1	1086.7	1093.5	1094.8	1089.4
15°	1077.3	1071.9	1071.9	1071.9	1073.2	1074.6	1073.2	1069.2	1075.9	1075.9	1070.5
17.5°	1057.0	1053.0	1050.3	1053.0	1053.0	1054.3	1051.6	1047.6	1054.3	1054.3	1050.3
20°	1035.4	1030.0	1028.7	1028.7	1030.0	1031.4	1027.3	1024.6	1030.0	1030.0	1024.6
22.5°	1008.4	1004.4	1003.0	1003.0	1004.4	1004.4	1000.3	997.6	1003.0	1001.7	996.3
25°	981.4	977.4	976.0	977.4	977.4	977.4	972.0	970.6	973.3	972.0	966.6
27.5°	951.7	947.7	946.3	947.7	947.7	947.7	942.3	940.9	945.0	940.9	935.5
30°	919.3	915.3	913.9	915.3	916.6	913.9	908.5	909.9	912.6	907.2	903.1
32.5°	889.6	882.9	881.5	882.9	884.2	882.9	877.5	876.1	878.8	873.4	868.0
35°	853.2	847.8	849.1	850.5	849.1	847.8	841.0	842.4	839.7	837.0	831.6
37.5°	818.1	812.7	812.7	814.0	814.0	811.3	805.9	805.9	801.9	800.5	795.1
40°	781.6	776.2	776.2	777.6	777.6	773.5	769.5	770.8	768.1	762.7	757.3
42.5°	741.1	738.4	739.8	739.8	741.1	735.7	733.0	733.0	729.0	723.6	719.5
45°	703.3	699.3	702.0	703.3	703.3	697.9	696.6	692.5	691.2	687.1	681.7
47.5°	662.8	661.5	664.2	664.2	664.2	658.8	657.4	653.4	650.7	648.0	642.6
50°	623.7	622.3	625.0	625.0	625.0	618.3	619.6	612.9	614.2	607.5	603.4
52.5°	584.5	584.5	584.5	584.5	583.2	579.1	577.8	573.7	572.4	567.0	564.3
55°	542.7	542.7	545.4	544.0	542.7	540.0	537.3	531.9	531.9	526.5	522.4
57.5°	504.9	504.9	504.9	502.2	502.2	499.5	495.4	492.7	491.4	486.0	483.3
60°	463.0	464.4	461.7	460.3	460.3	457.6	454.9	453.6	449.5	444.1	442.8
62.5°	422.5	423.9	422.5	419.8	418.5	415.8	414.4	411.7	407.7	402.3	402.3
65°	379.3	380.7	380.7	376.6	376.6	375.3	373.9	369.9	365.8	361.8	360.4
67.5°	337.5	338.8	333.4	332.1	332.1	332.1	326.7	326.7	322.6	318.6	319.9
70°	297.0	295.6	294.3	290.2	291.6	288.9	286.2	284.8	280.8	278.1	278.1
72.5°	256.5	253.8	252.4	251.1	249.7	248.4	245.7	244.3	241.6	237.6	237.6
75°	216.0	213.3	211.9	210.6	209.2	207.9	203.8	203.8	201.1	198.4	198.4
77.5°	174.1	171.4	171.4	170.1	168.7	166.0	163.3	164.7	162.0	159.3	159.3
80°	133.6	132.3	132.3	130.9	128.2	126.9	126.9	125.5	122.8	118.8	118.8
82.5°	94.5	94.5	93.1	91.8	90.4	89.1	87.7	86.4	83.7	79.6	79.6
85°	58.0	56.7	56.7	55.3	54.0	51.3	48.6	47.2	44.5	41.8	41.8
87.5°	24.3	21.6	20.2	18.9	17.5	16.2	16.2	13.5	12.1	12.1	9.4
90°	1.3	1.3	1.3	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
92.5°	5.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
95°	8.1	9.4	12.1	12.1	13.5	13.5	13.5	13.5	13.5	13.5	13.5
97.5°	12.1	13.5	14.8	16.2	16.2	18.9	18.9	20.2	20.2	20.2	20.2
100°	18.9	18.9	20.2	21.6	20.2	21.6	22.9	24.3	25.6	25.6	27.0
102.5°	28.3	25.6	24.3	25.6	27.0	28.3	27.0	28.3	28.3	29.7	31.0
105°	37.8	35.1	32.4	32.4	32.4	33.7	35.1	35.1	33.7	33.7	35.1
107.5°	49.9	44.5	40.5	40.5	39.1	39.1	40.5	43.2	43.2	41.8	41.8
110°	63.4	56.7	51.3	49.9	48.6	47.2	47.2	48.6	49.9	51.3	52.6



TEST NUMBER: P303073

CATALOG NUMBER: CTW-F-2575-30L940-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	78.3	70.2	63.4	60.7	59.4	55.3	54.0	54.0	55.3	58.0	59.4
115°	94.5	86.4	76.9	74.2	71.5	64.8	63.4	62.1	60.7	62.1	63.4
117.5°	110.7	101.2	91.8	87.7	83.7	76.9	72.9	70.2	68.8	68.8	68.8
120°	126.9	117.4	106.6	102.6	98.5	91.8	85.0	79.6	76.9	75.6	75.6
122.5°	143.1	133.6	124.2	118.8	114.7	105.3	99.9	91.8	87.7	83.7	82.3
125°	159.3	149.8	140.4	135.0	130.9	121.5	113.4	106.6	99.9	94.5	91.8
127.5°	174.1	164.7	156.6	151.2	147.1	136.3	129.6	122.8	114.7	108.0	103.9
130°	190.3	179.5	171.4	167.4	163.3	152.5	144.4	136.3	130.9	124.2	117.4
132.5°	205.2	195.7	186.3	182.2	178.2	168.7	162.0	152.5	145.8	140.4	133.6
135°	218.7	209.2	201.1	197.1	193.0	183.6	176.8	168.7	162.0	155.2	149.8
137.5°	232.2	222.7	214.6	211.9	207.9	198.4	191.7	184.9	176.8	171.4	164.7
140°	244.3	236.2	228.1	225.4	221.4	213.3	206.5	199.8	193.0	186.3	180.9
142.5°	256.5	248.4	240.3	237.6	233.5	226.8	220.0	214.6	207.9	202.5	197.1
145°	267.3	259.2	252.4	249.7	245.7	240.3	232.2	228.1	224.1	217.3	211.9
147.5°	278.1	270.0	263.2	260.5	259.2	252.4	245.7	241.6	237.6	232.2	226.8
150°	287.5	280.8	274.0	272.7	270.0	264.6	257.8	253.8	251.1	245.7	241.6
152.5°	298.3	290.2	284.8	283.5	280.8	275.4	270.0	265.9	263.2	257.8	253.8
155°	306.4	299.7	294.3	292.9	290.2	286.2	280.8	276.7	275.4	270.0	265.9
157.5°	314.5	307.8	303.7	301.0	299.7	297.0	291.6	287.5	286.2	282.1	278.1
160°	321.3	315.9	311.8	310.5	309.1	305.1	301.0	297.0	297.0	294.3	290.2
162.5°	328.0	322.6	319.9	318.6	317.2	314.5	310.5	307.8	307.8	303.7	301.0
165°	334.8	329.4	326.7	325.3	325.3	322.6	319.9	315.9	315.9	314.5	311.8
167.5°	341.5	334.8	333.4	332.1	332.1	330.7	328.0	325.3	324.0	324.0	319.9
170°	346.9	341.5	338.8	337.5	337.5	336.1	333.4	332.1	332.1	332.1	329.4
172.5°	351.0	346.9	345.6	345.6	345.6	344.2	342.9	338.8	338.8	341.5	336.1
175°	353.7	351.0	351.0	351.0	351.0	349.6	348.3	346.9	348.3	349.6	346.9
177.5°	356.4	353.7	353.7	353.7	355.0	355.0	353.7	352.3	353.7	355.0	353.7
180°	359.1	359.1	359.1	359.1	359.1	359.1	359.1	359.1	359.1	359.1	359.1



TEST NUMBER: P303073

CATALOG NUMBER: CTW-F-2575-30L940-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	1134.0	1134.0	1134.0	1134.0	1134.0	1134.0	1134.0	1134.0
2.5°	1134.0	1132.6	1131.3	1131.3	1132.6	1127.2	1121.8	1121.8
5°	1127.2	1125.9	1124.5	1124.5	1125.9	1121.8	1117.8	1117.8
7.5°	1117.8	1116.4	1115.1	1116.4	1119.1	1115.1	1111.0	1111.0
10°	1105.6	1102.9	1101.6	1101.6	1104.3	1100.2	1097.5	1097.5
12.5°	1088.1	1086.7	1084.0	1085.4	1086.7	1084.0	1080.0	1082.7
15°	1069.2	1067.8	1066.5	1067.8	1069.2	1065.1	1061.1	1061.1
17.5°	1048.9	1047.6	1044.9	1047.6	1047.6	1042.2	1038.1	1038.1
20°	1023.3	1020.6	1019.2	1020.6	1020.6	1015.2	1012.5	1012.5
22.5°	993.6	990.9	989.5	990.9	989.5	985.5	982.8	984.1
25°	962.5	959.8	959.8	959.8	959.8	954.4	951.7	951.7
27.5°	931.5	928.8	927.4	928.8	927.4	922.0	918.0	918.0
30°	899.1	893.7	893.7	895.0	893.7	888.3	884.2	884.2
32.5°	864.0	859.9	861.3	861.3	858.6	853.2	850.5	850.5
35°	827.5	824.8	826.2	824.8	822.1	818.1	815.4	815.4
37.5°	789.7	788.4	788.4	789.7	784.3	780.3	778.9	778.9
40°	751.9	750.6	750.6	751.9	746.5	742.5	742.5	739.8
42.5°	714.1	712.8	714.1	712.8	708.7	704.7	703.3	700.6
45°	676.3	676.3	675.0	675.0	669.6	666.9	666.9	664.2
47.5°	637.2	637.2	635.8	633.1	630.4	629.1	626.4	626.4
50°	599.4	598.0	596.7	596.7	592.6	589.9	589.9	587.2
52.5°	558.9	558.9	558.9	556.2	552.1	549.4	550.8	548.1
55°	519.7	518.4	518.4	517.0	514.3	510.3	511.6	508.9
57.5°	481.9	479.2	476.5	476.5	473.8	469.8	469.8	469.8
60°	438.7	438.7	437.4	436.0	434.7	430.6	432.0	429.3
62.5°	400.9	396.9	396.9	395.5	394.2	390.1	392.8	390.1
65°	359.1	356.4	355.0	353.7	351.0	348.3	349.6	346.9
67.5°	314.5	313.2	313.2	311.8	310.5	307.8	310.5	307.8
70°	275.4	272.7	272.7	271.3	270.0	268.6	270.0	267.3
72.5°	234.9	234.9	233.5	232.2	230.8	230.8	230.8	232.2
75°	195.7	193.0	193.0	193.0	191.7	191.7	191.7	193.0
77.5°	157.9	155.2	153.9	152.5	152.5	152.5	152.5	153.9
80°	116.1	116.1	114.7	113.4	113.4	113.4	113.4	114.7
82.5°	76.9	76.9	75.6	74.2	74.2	74.2	72.9	74.2
85°	41.8	40.5	39.1	39.1	39.1	39.1	39.1	39.1
87.5°	10.8	9.4	9.4	9.4	10.8	10.8	9.4	10.8
90°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
92.5°	6.7	6.7	6.7	6.7	6.7	5.4	5.4	5.4
95°	13.5	13.5	13.5	12.1	12.1	12.1	12.1	12.1
97.5°	20.2	20.2	20.2	20.2	20.2	18.9	18.9	18.9
100°	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
102.5°	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
105°	35.1	36.4	36.4	36.4	37.8	37.8	37.8	37.8
107.5°	41.8	41.8	41.8	41.8	41.8	41.8	43.2	41.8
110°	51.3	49.9	49.9	48.6	48.6	48.6	48.6	48.6



TEST NUMBER: P303073

CATALOG NUMBER: CTW-F-2575-30L940-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	59.4	60.7	60.7	60.7	60.7	59.4	58.0	58.0
115°	66.1	67.5	67.5	67.5	67.5	68.8	68.8	68.8
117.5°	70.2	71.5	72.9	72.9	74.2	74.2	74.2	74.2
120°	75.6	76.9	76.9	76.9	78.3	78.3	78.3	78.3
122.5°	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
125°	90.4	89.1	89.1	87.7	87.7	87.7	86.4	86.4
127.5°	99.9	98.5	97.2	95.8	94.5	94.5	93.1	93.1
130°	113.4	110.7	108.0	108.0	105.3	102.6	102.6	101.2
132.5°	128.2	124.2	122.8	121.5	117.4	114.7	114.7	113.4
135°	144.4	140.4	139.0	137.7	132.3	129.6	129.6	128.2
137.5°	160.6	156.6	155.2	153.9	149.8	147.1	145.8	144.4
140°	175.5	171.4	170.1	168.7	166.0	163.3	162.0	160.6
142.5°	190.3	187.6	186.3	184.9	180.9	178.2	176.8	176.8
145°	206.5	202.5	202.5	199.8	197.1	194.4	193.0	191.7
147.5°	222.7	218.7	217.3	216.0	213.3	209.2	207.9	207.9
150°	236.2	233.5	232.2	230.8	228.1	225.4	224.1	222.7
152.5°	249.7	247.0	247.0	245.7	243.0	240.3	238.9	238.9
155°	263.2	259.2	259.2	259.2	256.5	255.1	253.8	253.8
157.5°	275.4	272.7	271.3	271.3	270.0	268.6	265.9	267.3
160°	287.5	286.2	283.5	283.5	283.5	280.8	279.4	280.8
162.5°	299.7	298.3	297.0	297.0	295.6	294.3	292.9	292.9
165°	309.1	307.8	306.4	306.4	307.8	306.4	305.1	303.7
167.5°	318.6	317.2	315.9	315.9	317.2	315.9	314.5	314.5
170°	328.0	326.7	325.3	325.3	325.3	325.3	324.0	324.0
172.5°	336.1	334.8	334.8	333.4	334.8	333.4	332.1	332.1
175°	346.9	345.6	345.6	344.2	345.6	341.5	337.5	338.8
177.5°	353.7	353.7	352.3	352.3	352.3	349.6	346.9	346.9
180°	359.1	359.1	359.1	359.1	359.1	359.1	359.1	359.1

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