

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: P303209

Luminaire Tested: **CTW-F-7525-30L940-UNV-STD-6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303209
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-12)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: CTW-F-7525-30L940-UNV-STD-6
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
75% UPLIGHT, 25% DOWNLIGHT, 3000 LUMEN PACKAGE
Light Source: 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

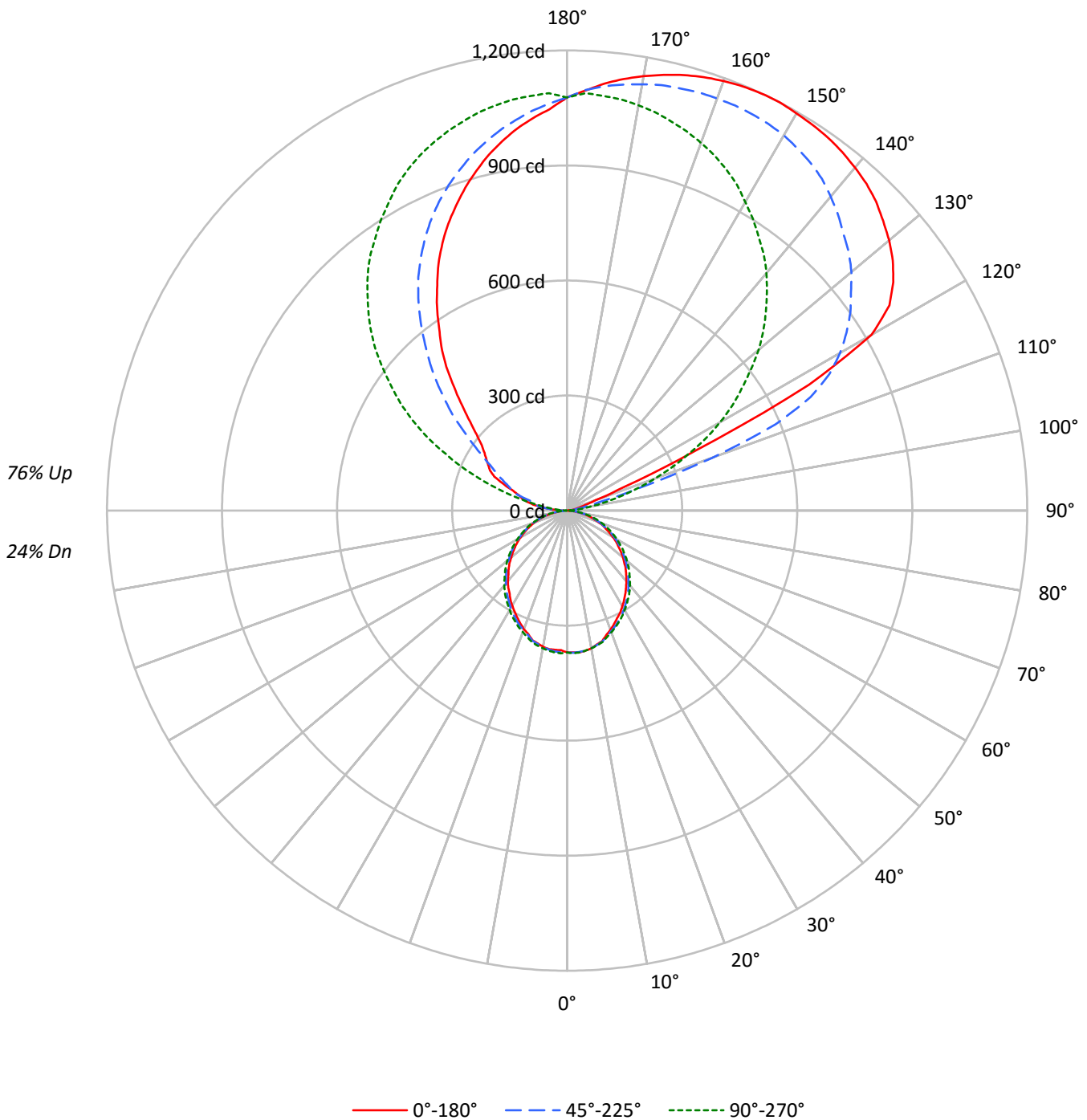
Lumens per Lamp: N/A
Luminaire Lumens: 4033.7 lumens
Efficiency: N/A
Efficacy: 124.9 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.21 / 1.31
Luminous Opening: Rectangular (W 6' x L: 0.12' x H: 0')
CIE Type: Semi-Indirect

Input Watts (W): 32.3
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	69	69	69	50	50	50	32	32	32	24
1	92	88	84	81	82	78	75	72	60	58	56	44	42	41	29	28	27	20
2	84	77	71	66	74	68	63	59	53	49	46	38	36	34	25	24	23	17
3	76	67	60	55	67	60	54	49	46	42	39	34	31	29	22	21	19	14
4	70	59	52	46	62	53	47	42	41	37	33	30	27	25	20	18	17	12
5	64	53	45	39	56	47	40	35	37	32	28	27	24	21	18	16	14	11
6	59	47	39	34	52	42	35	31	33	28	24	24	21	18	16	14	13	9
7	54	42	35	29	48	38	31	27	30	25	21	22	19	16	15	13	11	8
8	50	38	31	26	44	34	28	23	27	22	19	20	17	14	13	11	10	7
9	46	35	28	23	41	31	25	21	25	20	17	18	15	13	12	10	9	7
10	43	32	25	20	38	29	22	18	22	18	15	17	14	11	11	9	8	6

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	5309	5309	5309
5°	5348	5348	5251
10°	5312	5312	5252
15°	5235	5275	5194
20°	5051	5155	5031
25°	4895	5066	4874
30°	4764	4967	4743
35°	4636	4872	4589
40°	4502	4779	4502
45°	4384	4658	4384
50°	4249	4550	4249
55°	4086	4424	4154
60°	3953	4300	4030
65°	3759	4170	3895
70°	3567	4079	3793
75°	3366	3893	3593
80°	2901	3570	3232
85°	1778	3112	2668



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.0	0.9
10°-20°	98.4	2.4
20°-30°	144.5	3.6
30°-40°	169.4	4.2
40°-50°	171.7	4.3
50°-60°	153.1	3.8
60°-70°	117.5	2.9
70°-80°	69.7	1.7
80°-90°	19.5	0.5
90°-100°	32.0	0.8
100°-110°	132.6	3.3
110°-120°	372.7	9.2
120°-130°	538.4	13.3
130°-140°	579.0	14.4
140°-150°	550.7	13.7
150°-160°	452.1	11.2
160°-170°	295.2	7.3
170°-180°	102.3	2.5
0°-30°	277.9	6.9
0°-40°	447.4	11.1
0°-60°	772.1	19.1
0°-90°	978.8	24.3
90°-120°	537.2	13.3
90°-150°	2205.3	54.7
90°-180°	3055.0	75.7
0°-180°	4033.7	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	370	370	370	370	370	
5°	371	370	371	368	364	35
15°	352	354	355	351	350	99
25°	309	317	320	314	308	143
35°	265	274	278	271	262	166
45°	216	223	230	224	216	166
55°	163	170	177	173	166	147
65°	111	117	123	120	115	110
75°	61	65	70	68	65	64
85°	11	14	19	16	16	14
90°	3	1	1	7	11	1
95°	8	9	23	42	42	9
105°	36	93	144	101	122	43
115°	363	701	350	184	209	423
125°	1038	902	556	296	263	921
135°	1139	1019	733	486	387	879
145°	1187	1107	871	676	582	744
155°	1200	1141	981	838	770	555
165°	1176	1139	1050	960	917	333
175°	1118	1111	1085	1046	1027	108
180°	1077	1077	1077	1077	1077	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9
2.5°	369.9	368.5	369.9	369.9	371.2	371.2	371.2	369.9	371.2	372.6	371.2
5°	371.2	371.2	369.9	369.9	369.9	369.9	369.9	368.5	369.9	371.2	369.9
7.5°	368.5	368.5	368.5	367.2	367.2	367.2	367.2	367.2	367.2	368.5	368.5
10°	364.5	364.5	363.1	361.8	363.1	363.1	363.1	361.8	363.1	364.5	364.5
12.5°	357.7	359.1	357.7	357.7	357.7	357.7	357.7	357.7	359.1	360.4	359.1
15°	352.3	352.3	352.3	351.0	351.0	351.0	351.0	349.6	352.3	353.7	353.7
17.5°	340.2	340.2	340.2	341.5	342.9	342.9	342.9	341.5	341.5	345.6	344.2
20°	330.7	330.7	330.7	330.7	332.1	332.1	332.1	332.1	332.1	334.8	334.8
22.5°	319.9	321.3	321.3	321.3	322.6	322.6	322.6	322.6	322.6	325.3	326.7
25°	309.1	310.5	310.5	311.8	311.8	311.8	311.8	313.2	313.2	315.9	317.2
27.5°	299.7	299.7	299.7	301.0	301.0	302.4	302.4	303.7	303.7	305.1	307.8
30°	287.5	287.5	288.9	288.9	290.2	291.6	291.6	292.9	292.9	294.3	297.0
32.5°	276.7	276.7	276.7	278.1	279.4	279.4	279.4	280.8	280.8	282.1	284.8
35°	264.6	264.6	264.6	265.9	265.9	267.3	267.3	268.6	270.0	271.3	274.0
37.5°	252.4	252.4	252.4	253.8	253.8	255.1	256.5	257.8	257.8	259.2	261.9
40°	240.3	240.3	240.3	241.6	243.0	243.0	243.0	244.3	245.7	247.0	248.4
42.5°	228.1	226.8	228.1	228.1	229.5	230.8	230.8	232.2	233.5	234.9	236.2
45°	216.0	214.6	216.0	216.0	217.3	217.3	217.3	220.0	220.0	221.4	222.7
47.5°	202.5	202.5	202.5	202.5	205.2	203.8	205.2	206.5	207.9	209.2	210.6
50°	190.3	189.0	190.3	190.3	191.7	191.7	191.7	193.0	194.4	195.7	197.1
52.5°	176.8	176.8	176.8	176.8	178.2	179.5	179.5	180.9	180.9	182.2	183.6
55°	163.3	163.3	164.7	164.7	166.0	166.0	166.0	167.4	167.4	170.1	170.1
57.5°	151.2	151.2	151.2	151.2	152.5	152.5	153.9	153.9	153.9	156.6	157.9
60°	137.7	137.7	139.0	137.7	140.4	139.0	140.4	140.4	141.7	143.1	144.4
62.5°	124.2	125.5	125.5	125.5	125.5	126.9	126.9	128.2	128.2	129.6	130.9
65°	110.7	110.7	112.0	112.0	113.4	113.4	113.4	114.7	114.7	116.1	117.4
67.5°	99.9	99.9	98.5	98.5	99.9	99.9	101.2	101.2	101.2	102.6	102.6
70°	85.0	86.4	86.4	86.4	86.4	87.7	87.7	87.7	89.1	89.1	90.4
72.5°	72.9	72.9	72.9	72.9	72.9	74.2	74.2	74.2	75.6	75.6	76.9
75°	60.7	59.4	60.7	59.4	60.7	60.7	60.7	62.1	62.1	62.1	64.8
77.5°	47.2	47.2	47.2	47.2	47.2	47.2	48.6	48.6	49.9	51.3	51.3
80°	35.1	33.7	35.1	35.1	35.1	35.1	35.1	35.1	36.4	37.8	37.8
82.5°	21.6	21.6	21.6	21.6	22.9	22.9	22.9	22.9	24.3	25.6	25.6
85°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	12.1	12.1	13.5	13.5
87.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.7	2.7	2.7	2.7
90°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	1.3
92.5°	4.0	4.0	4.0	4.0	4.0	5.4	5.4	4.0	5.4	5.4	5.4
95°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	9.4	9.4	9.4	9.4
97.5°	13.5	13.5	13.5	13.5	13.5	13.5	13.5	14.8	14.8	16.2	17.5
100°	18.9	18.9	18.9	18.9	18.9	20.2	20.2	21.6	22.9	25.6	29.7
102.5°	27.0	27.0	27.0	27.0	28.3	29.7	29.7	31.0	35.1	40.5	49.9
105°	36.4	36.4	37.8	37.8	39.1	40.5	41.8	47.2	55.3	68.8	93.1
107.5°	51.3	51.3	52.6	55.3	58.0	60.7	66.1	79.6	103.9	141.7	202.5
110°	79.6	79.6	82.3	91.8	101.2	108.0	124.2	164.7	232.2	314.5	402.3



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	157.9	160.6	168.7	194.4	228.1	249.7	295.6	384.7	467.1	549.4	588.6
115°	363.1	402.3	413.1	461.7	523.8	553.5	585.9	646.6	691.2	711.4	700.6
117.5°	711.4	743.8	742.5	778.9	795.1	804.6	812.7	820.8	804.6	796.5	770.8
120°	916.6	924.7	913.9	915.3	912.6	908.5	904.5	891.0	872.1	850.5	822.1
122.5°	996.3	993.6	988.2	981.4	970.6	962.5	955.8	938.2	918.0	893.7	864.0
125°	1038.1	1035.4	1030.0	1020.6	1008.4	1001.7	993.6	976.0	954.4	930.1	901.8
127.5°	1070.5	1066.5	1061.1	1051.6	1040.8	1032.7	1027.3	1008.4	986.8	963.9	932.8
130°	1096.2	1093.5	1086.7	1080.0	1067.8	1061.1	1054.3	1038.1	1013.8	992.2	967.9
132.5°	1117.8	1116.4	1111.0	1104.3	1092.1	1085.4	1080.0	1063.8	1040.8	1017.9	996.3
135°	1139.4	1136.7	1131.3	1124.5	1112.4	1107.0	1100.2	1086.7	1063.8	1040.8	1019.2
137.5°	1155.6	1151.5	1147.5	1142.1	1129.9	1125.9	1119.1	1104.3	1084.0	1065.1	1046.2
140°	1167.7	1163.7	1159.6	1155.6	1144.8	1140.7	1135.3	1120.5	1100.2	1084.0	1069.2
142.5°	1178.5	1174.5	1171.8	1167.7	1158.3	1154.2	1150.2	1135.3	1117.8	1102.9	1090.8
145°	1186.6	1182.6	1181.2	1177.2	1169.1	1165.0	1161.0	1146.1	1129.9	1115.1	1107.0
147.5°	1192.0	1190.7	1188.0	1183.9	1177.2	1174.5	1170.4	1156.9	1139.4	1128.6	1119.1
150°	1196.1	1196.1	1193.4	1190.7	1183.9	1181.2	1177.2	1163.7	1150.2	1140.7	1129.9
152.5°	1200.1	1200.1	1197.4	1193.4	1188.0	1185.3	1179.9	1167.7	1155.6	1148.8	1136.7
155°	1200.1	1201.5	1198.8	1193.4	1189.3	1185.3	1181.2	1169.1	1158.3	1152.9	1140.7
157.5°	1197.4	1198.8	1194.7	1190.7	1186.6	1183.9	1178.5	1167.7	1159.6	1155.6	1143.4
160°	1192.0	1193.4	1190.7	1186.6	1182.6	1181.2	1175.8	1166.4	1159.6	1155.6	1143.4
162.5°	1185.3	1186.6	1185.3	1181.2	1178.5	1177.2	1171.8	1163.7	1156.9	1154.2	1143.4
165°	1175.8	1177.2	1175.8	1171.8	1170.4	1167.7	1163.7	1155.6	1150.2	1150.2	1139.4
167.5°	1163.7	1165.0	1163.7	1156.9	1156.9	1154.2	1152.9	1146.1	1143.4	1144.8	1136.7
170°	1150.2	1151.5	1148.8	1144.8	1146.1	1143.4	1142.1	1138.0	1135.3	1136.7	1128.6
172.5°	1135.3	1136.7	1135.3	1131.3	1132.6	1131.3	1129.9	1124.5	1123.2	1127.2	1120.5
175°	1117.8	1117.8	1117.8	1113.7	1116.4	1115.1	1113.7	1111.0	1111.0	1115.1	1111.0
177.5°	1096.2	1096.2	1097.5	1096.2	1098.9	1097.5	1097.5	1096.2	1096.2	1101.6	1097.5
180°	1077.3	1077.3	1077.3	1077.3	1077.3	1077.3	1077.3	1077.3	1077.3	1077.3	1077.3



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9
2.5°	368.5	367.2	367.2	368.5	368.5	368.5	369.9	371.2	371.2	372.6	371.2
5°	368.5	367.2	365.8	367.2	368.5	368.5	368.5	369.9	369.9	371.2	369.9
7.5°	365.8	364.5	364.5	365.8	365.8	365.8	365.8	367.2	367.2	368.5	367.2
10°	361.8	360.4	360.4	360.4	361.8	361.8	363.1	364.5	364.5	364.5	363.1
12.5°	357.7	356.4	356.4	356.4	357.7	357.7	357.7	359.1	360.4	360.4	359.1
15°	349.6	348.3	348.3	349.6	351.0	351.0	352.3	353.7	355.0	355.0	353.7
17.5°	342.9	341.5	341.5	342.9	342.9	344.2	344.2	345.6	344.2	345.6	344.2
20°	333.4	332.1	332.1	333.4	333.4	334.8	334.8	336.1	337.5	337.5	336.1
22.5°	325.3	322.6	324.0	324.0	325.3	325.3	326.7	328.0	328.0	329.4	328.0
25°	315.9	314.5	314.5	315.9	315.9	317.2	317.2	318.6	319.9	319.9	318.6
27.5°	306.4	305.1	303.7	305.1	306.4	307.8	307.8	309.1	310.5	310.5	309.1
30°	295.6	294.3	294.3	295.6	295.6	297.0	298.3	298.3	301.0	299.7	298.3
32.5°	286.2	284.8	283.5	284.8	286.2	286.2	287.5	288.9	288.9	288.9	287.5
35°	274.0	272.7	272.7	272.7	274.0	275.4	276.7	276.7	278.1	278.1	276.7
37.5°	263.2	261.9	260.5	261.9	263.2	264.6	264.6	265.9	265.9	267.3	265.9
40°	251.1	249.7	249.7	249.7	251.1	252.4	252.4	253.8	255.1	255.1	253.8
42.5°	238.9	237.6	237.6	237.6	238.9	240.3	240.3	241.6	243.0	241.6	241.6
45°	226.8	225.4	225.4	225.4	226.8	226.8	228.1	229.5	229.5	229.5	228.1
47.5°	211.9	213.3	213.3	213.3	213.3	214.6	214.6	216.0	216.0	217.3	216.0
50°	198.4	199.8	199.8	199.8	201.1	201.1	202.5	202.5	202.5	203.8	202.5
52.5°	186.3	186.3	186.3	187.6	187.6	187.6	189.0	190.3	190.3	190.3	189.0
55°	172.8	172.8	174.1	175.5	175.5	175.5	175.5	176.8	176.8	176.8	176.8
57.5°	159.3	159.3	160.6	162.0	162.0	162.0	162.0	163.3	163.3	163.3	162.0
60°	145.8	145.8	147.1	148.5	148.5	148.5	148.5	149.8	149.8	149.8	149.8
62.5°	132.3	132.3	133.6	135.0	135.0	135.0	135.0	136.3	136.3	136.3	136.3
65°	118.8	118.8	120.1	121.5	121.5	121.5	122.8	122.8	124.2	122.8	124.2
67.5°	105.3	106.6	106.6	108.0	108.0	108.0	109.3	109.3	110.7	110.7	110.7
70°	91.8	93.1	93.1	94.5	94.5	94.5	94.5	95.8	97.2	97.2	97.2
72.5°	78.3	78.3	79.6	81.0	81.0	81.0	82.3	82.3	83.7	83.7	83.7
75°	64.8	66.1	66.1	67.5	67.5	67.5	68.8	68.8	70.2	70.2	70.2
77.5°	51.3	52.6	54.0	55.3	54.0	55.3	55.3	56.7	56.7	56.7	58.0
80°	39.1	40.5	40.5	41.8	41.8	41.8	41.8	43.2	44.5	43.2	44.5
82.5°	27.0	27.0	28.3	29.7	29.7	29.7	29.7	31.0	31.0	31.0	32.4
85°	14.8	16.2	16.2	16.2	17.5	17.5	18.9	18.9	18.9	18.9	20.2
87.5°	4.0	4.0	5.4	6.7	6.7	6.7	6.7	8.1	8.1	8.1	9.4
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	6.7	8.1	8.1	10.8	12.1	10.8	8.1	10.8
95°	10.8	13.5	16.2	21.6	24.3	25.6	32.4	32.4	28.3	22.9	21.6
97.5°	21.6	27.0	33.7	45.9	51.3	58.0	64.8	62.1	51.3	41.8	39.1
100°	36.4	48.6	68.8	90.4	99.9	108.0	109.3	99.9	83.7	68.8	62.1
102.5°	67.5	95.8	133.6	167.4	171.4	175.5	167.4	148.5	124.2	102.6	89.1
105°	137.7	194.4	240.3	260.5	259.2	255.1	232.2	203.8	172.8	144.4	121.5
107.5°	283.5	337.5	365.8	356.4	344.2	332.1	297.0	264.6	225.4	190.3	166.0
110°	465.7	480.6	469.8	440.1	421.2	405.0	364.5	324.0	280.8	243.0	209.2



TEST NUMBER: P303209

CATALOG NUMBER: CTW-F-7525-30L940-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	596.7	576.4	544.0	506.2	487.3	467.1	425.2	386.1	336.1	297.0	259.2
115°	679.0	645.3	607.5	567.0	546.7	526.5	486.0	441.4	391.5	349.6	311.8
117.5°	737.1	699.3	662.8	623.7	602.1	581.8	540.0	495.4	445.5	407.7	367.2
120°	787.0	751.9	712.8	673.6	653.4	634.5	591.3	546.7	498.1	460.3	418.5
122.5°	831.6	796.5	757.3	719.5	700.6	681.7	638.5	594.0	548.1	511.6	468.4
125°	869.4	837.0	800.5	761.4	743.8	724.9	681.7	639.9	596.7	556.2	518.4
127.5°	908.5	876.1	841.0	803.2	784.3	764.1	723.6	681.7	641.2	603.4	567.0
130°	940.9	908.5	876.1	839.7	820.8	801.9	762.7	722.2	684.4	652.0	612.9
132.5°	972.0	940.9	908.5	870.7	853.2	835.6	800.5	762.7	729.0	693.9	657.4
135°	1000.3	967.9	936.9	900.4	882.9	868.0	832.9	797.8	766.8	733.0	699.3
137.5°	1023.3	993.6	959.8	926.1	911.2	897.7	864.0	831.6	801.9	770.8	739.8
140°	1044.9	1013.8	981.4	950.4	935.5	923.4	892.3	864.0	835.6	808.6	777.6
142.5°	1065.1	1032.7	1000.3	972.0	959.8	947.7	920.7	893.7	866.7	842.4	812.7
145°	1080.0	1048.9	1017.9	992.2	982.8	970.6	943.6	920.7	896.4	870.7	845.1
147.5°	1094.8	1065.1	1036.8	1012.5	1003.0	992.2	967.9	947.7	924.7	901.8	876.1
150°	1107.0	1077.3	1053.0	1031.4	1021.9	1013.8	989.5	972.0	950.4	928.8	907.2
152.5°	1113.7	1088.1	1065.1	1047.6	1039.5	1031.4	1011.1	996.3	974.7	958.5	935.5
155°	1117.8	1096.2	1075.9	1061.1	1054.3	1048.9	1028.7	1015.2	997.6	981.4	961.2
157.5°	1121.8	1101.6	1084.0	1071.9	1066.5	1059.7	1042.2	1031.4	1016.5	1003.0	984.1
160°	1123.2	1105.6	1090.8	1080.0	1075.9	1070.5	1055.7	1046.2	1032.7	1020.6	1003.0
162.5°	1123.2	1109.7	1096.2	1088.1	1084.0	1078.6	1066.5	1059.7	1047.6	1036.8	1021.9
165°	1123.2	1111.0	1098.9	1093.5	1089.4	1086.7	1075.9	1069.2	1058.4	1050.3	1038.1
167.5°	1120.5	1109.7	1101.6	1097.5	1094.8	1090.8	1082.7	1077.3	1069.2	1063.8	1051.6
170°	1115.1	1107.0	1098.9	1097.5	1096.2	1093.5	1086.7	1084.0	1078.6	1073.2	1063.8
172.5°	1109.7	1101.6	1096.2	1096.2	1094.8	1093.5	1088.1	1088.1	1084.0	1081.3	1071.9
175°	1098.9	1093.5	1089.4	1090.8	1090.8	1089.4	1086.7	1088.1	1086.7	1085.4	1080.0
177.5°	1088.1	1084.0	1082.7	1085.4	1085.4	1085.4	1084.0	1088.1	1088.1	1089.4	1084.0
180°	1077.3	1077.3	1077.3	1077.3	1077.3	1077.3	1077.3	1077.3	1077.3	1077.3	1077.3



TEST NUMBER: P303209

CATALOG NUMBER: CTW-F-7525-30L940-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9
2.5°	368.5	367.2	367.2	367.2	367.2	368.5	368.5	367.2	369.9	371.2	369.9
5°	367.2	365.8	365.8	365.8	367.2	367.2	367.2	367.2	368.5	369.9	368.5
7.5°	365.8	363.1	363.1	363.1	364.5	364.5	364.5	363.1	365.8	367.2	364.5
10°	360.4	359.1	359.1	359.1	360.4	360.4	360.4	359.1	360.4	361.8	360.4
12.5°	356.4	355.0	355.0	355.0	355.0	356.4	355.0	355.0	356.4	357.7	355.0
15°	349.6	346.9	346.9	346.9	348.3	348.3	348.3	346.9	351.0	349.6	348.3
17.5°	341.5	338.8	338.8	338.8	340.2	340.2	338.8	337.5	340.2	340.2	338.8
20°	333.4	330.7	330.7	330.7	332.1	332.1	332.1	330.7	332.1	332.1	330.7
22.5°	325.3	322.6	322.6	322.6	324.0	324.0	322.6	321.3	324.0	322.6	321.3
25°	315.9	314.5	314.5	314.5	314.5	314.5	313.2	311.8	314.5	313.2	311.8
27.5°	306.4	305.1	305.1	305.1	305.1	305.1	303.7	302.4	303.7	302.4	302.4
30°	297.0	294.3	294.3	295.6	295.6	294.3	292.9	292.9	294.3	292.9	291.6
32.5°	286.2	284.8	283.5	284.8	284.8	284.8	282.1	282.1	282.1	280.8	280.8
35°	275.4	274.0	272.7	274.0	274.0	272.7	271.3	271.3	271.3	270.0	268.6
37.5°	263.2	261.9	261.9	261.9	261.9	261.9	259.2	260.5	260.5	257.8	257.8
40°	251.1	249.7	249.7	251.1	251.1	249.7	248.4	249.7	248.4	247.0	245.7
42.5°	240.3	237.6	238.9	238.9	238.9	237.6	237.6	237.6	236.2	234.9	233.5
45°	226.8	225.4	226.8	226.8	226.8	225.4	225.4	224.1	224.1	222.7	221.4
47.5°	214.6	213.3	214.6	214.6	214.6	211.9	213.3	211.9	211.9	209.2	209.2
50°	201.1	201.1	202.5	201.1	201.1	199.8	199.8	198.4	198.4	197.1	195.7
52.5°	189.0	189.0	189.0	189.0	189.0	187.6	187.6	186.3	186.3	184.9	183.6
55°	175.5	175.5	176.8	176.8	175.5	174.1	174.1	174.1	172.8	171.4	170.1
57.5°	162.0	163.3	163.3	162.0	163.3	162.0	160.6	160.6	159.3	157.9	157.9
60°	149.8	149.8	149.8	149.8	149.8	148.5	148.5	148.5	145.8	144.4	144.4
62.5°	136.3	137.7	136.3	136.3	136.3	135.0	135.0	135.0	133.6	132.3	132.3
65°	124.2	124.2	124.2	122.8	122.8	122.8	122.8	121.5	120.1	118.8	118.8
67.5°	110.7	110.7	110.7	110.7	109.3	109.3	108.0	108.0	106.6	106.6	105.3
70°	97.2	97.2	97.2	97.2	95.8	95.8	95.8	94.5	93.1	93.1	93.1
72.5°	83.7	83.7	83.7	83.7	83.7	82.3	82.3	81.0	81.0	81.0	79.6
75°	70.2	70.2	70.2	70.2	70.2	68.8	68.8	67.5	67.5	67.5	66.1
77.5°	56.7	56.7	56.7	56.7	56.7	56.7	55.3	55.3	55.3	54.0	54.0
80°	44.5	44.5	43.2	44.5	43.2	43.2	43.2	43.2	41.8	41.8	40.5
82.5°	31.0	32.4	31.0	31.0	31.0	31.0	31.0	29.7	29.7	29.7	28.3
85°	20.2	20.2	20.2	18.9	18.9	18.9	17.5	17.5	16.2	17.5	16.2
87.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	6.7	8.1	6.7
90°	2.7	4.0	4.0	4.0	5.4	6.7	5.4	6.7	6.7	8.1	8.1
92.5°	16.2	18.9	18.9	18.9	20.2	21.6	20.2	21.6	21.6	21.6	20.2
95°	25.6	29.7	37.8	39.1	41.8	44.5	44.5	43.2	41.8	41.8	40.5
97.5°	36.4	43.2	44.5	47.2	49.9	58.0	62.1	66.1	68.8	68.8	67.5
100°	56.7	55.3	62.1	66.1	63.4	64.8	68.8	76.9	81.0	83.7	86.4
102.5°	81.0	74.2	74.2	76.9	81.0	87.7	82.3	85.0	87.7	91.8	98.5
105°	110.7	99.9	95.8	94.5	95.8	101.2	108.0	105.3	101.2	103.9	106.6
107.5°	145.8	132.3	120.1	117.4	117.4	117.4	122.8	129.6	133.6	129.6	122.8
110°	186.3	166.0	151.2	144.4	141.7	139.0	137.7	144.4	152.5	156.6	157.9



TEST NUMBER: P303209

CATALOG NUMBER: CTW-F-7525-30L940-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	230.8	205.2	186.3	179.5	171.4	163.3	160.6	162.0	164.7	174.1	178.2
115°	280.8	251.1	225.4	217.3	209.2	191.7	184.9	182.2	183.6	186.3	193.0
117.5°	330.7	301.0	270.0	257.8	248.4	229.5	211.9	206.5	203.8	205.2	206.5
120°	384.7	352.3	318.6	303.7	291.6	271.3	247.0	233.5	226.8	225.4	224.1
122.5°	434.7	403.6	373.9	355.0	338.8	313.2	288.9	270.0	257.8	248.4	245.7
125°	483.3	452.2	423.9	409.0	392.8	364.5	334.8	313.2	295.6	280.8	271.3
127.5°	530.5	500.8	471.1	457.6	444.1	413.1	384.7	363.1	340.2	321.3	306.4
130°	576.4	546.7	519.7	507.6	490.0	460.3	433.3	409.0	390.1	369.9	348.3
132.5°	622.3	594.0	568.3	554.8	540.0	508.9	481.9	459.0	436.0	418.5	400.9
135°	664.2	635.8	611.5	600.7	583.2	556.2	530.5	508.9	486.0	465.7	449.5
137.5°	704.7	677.7	653.4	642.6	627.7	602.1	577.8	557.5	533.2	513.0	498.1
140°	742.5	715.5	692.5	681.7	669.6	645.3	621.0	604.8	580.5	561.6	545.4
142.5°	780.3	754.6	731.7	722.2	710.1	687.1	664.2	650.7	629.1	611.5	594.0
145°	814.0	788.4	768.1	760.0	749.2	726.3	706.0	692.5	676.3	658.8	641.2
147.5°	846.4	822.1	803.2	796.5	787.0	766.8	746.5	734.4	722.2	703.3	687.1
150°	878.8	853.2	837.0	830.2	822.1	804.6	785.7	772.2	762.7	743.8	730.3
152.5°	908.5	886.9	869.4	861.3	854.5	839.7	820.8	807.3	801.9	785.7	770.8
155°	935.5	913.9	900.4	891.0	886.9	870.7	855.9	841.0	838.3	820.8	810.0
157.5°	958.5	939.6	924.7	919.3	913.9	901.8	886.9	874.8	872.1	857.2	845.1
160°	981.4	962.5	951.7	946.3	940.9	927.4	915.3	903.1	903.1	892.3	881.5
162.5°	1000.3	984.1	974.7	970.6	966.6	957.1	943.6	931.5	931.5	923.4	913.9
165°	1017.9	1003.0	994.9	992.2	986.8	980.1	970.6	958.5	959.8	951.7	943.6
167.5°	1035.4	1020.6	1013.8	1011.1	1008.4	1001.7	993.6	982.8	984.1	980.1	970.6
170°	1048.9	1035.4	1030.0	1027.3	1026.0	1020.6	1015.2	1005.7	1007.1	1004.4	996.3
172.5°	1058.4	1047.6	1044.9	1042.2	1042.2	1038.1	1034.1	1026.0	1027.3	1028.7	1019.2
175°	1066.5	1057.0	1055.7	1054.3	1054.3	1053.0	1050.3	1043.5	1046.2	1048.9	1040.8
177.5°	1073.2	1066.5	1066.5	1066.5	1066.5	1066.5	1065.1	1059.7	1062.4	1067.8	1059.7
180°	1077.3	1077.3	1077.3	1077.3	1077.3	1077.3	1077.3	1077.3	1077.3	1077.3	1077.3



TEST NUMBER: P303209

CATALOG NUMBER: CTW-F-7525-30L940-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	369.9	369.9	369.9	369.9	369.9	369.9	369.9	369.9
2.5°	369.9	369.9	369.9	369.9	369.9	367.2	365.8	364.5
5°	368.5	368.5	367.2	367.2	368.5	367.2	365.8	364.5
7.5°	364.5	364.5	364.5	364.5	365.8	364.5	363.1	364.5
10°	360.4	360.4	359.1	359.1	360.4	360.4	359.1	360.4
12.5°	355.0	355.0	353.7	355.0	355.0	355.0	355.0	355.0
15°	348.3	346.9	346.9	346.9	348.3	348.3	348.3	349.6
17.5°	338.8	338.8	337.5	338.8	340.2	338.8	337.5	337.5
20°	330.7	329.4	329.4	329.4	330.7	329.4	329.4	329.4
22.5°	321.3	319.9	319.9	319.9	321.3	319.9	318.6	318.6
25°	310.5	310.5	310.5	310.5	310.5	309.1	307.8	307.8
27.5°	301.0	301.0	299.7	301.0	299.7	298.3	297.0	297.0
30°	290.2	290.2	288.9	290.2	288.9	287.5	286.2	286.2
32.5°	279.4	278.1	278.1	279.4	278.1	276.7	275.4	275.4
35°	267.3	267.3	267.3	267.3	265.9	264.6	263.2	261.9
37.5°	256.5	255.1	255.1	255.1	253.8	252.4	252.4	252.4
40°	244.3	243.0	243.0	244.3	241.6	240.3	240.3	240.3
42.5°	232.2	232.2	230.8	230.8	229.5	228.1	226.8	226.8
45°	218.7	220.0	218.7	218.7	217.3	216.0	214.6	216.0
47.5°	206.5	206.5	206.5	206.5	205.2	203.8	202.5	203.8
50°	194.4	194.4	194.4	194.4	191.7	191.7	190.3	190.3
52.5°	182.2	182.2	180.9	180.9	179.5	179.5	178.2	178.2
55°	168.7	168.7	168.7	168.7	167.4	166.0	166.0	166.0
57.5°	156.6	156.6	155.2	155.2	153.9	153.9	152.5	153.9
60°	143.1	143.1	143.1	143.1	141.7	141.7	140.4	140.4
62.5°	130.9	129.6	129.6	129.6	128.2	128.2	128.2	128.2
65°	117.4	117.4	116.1	117.4	116.1	116.1	114.7	114.7
67.5°	105.3	103.9	103.9	103.9	103.9	102.6	102.6	102.6
70°	91.8	90.4	90.4	90.4	90.4	90.4	89.1	90.4
72.5°	78.3	78.3	78.3	78.3	76.9	76.9	76.9	76.9
75°	66.1	64.8	64.8	64.8	64.8	64.8	64.8	64.8
77.5°	54.0	52.6	52.6	52.6	52.6	51.3	51.3	51.3
80°	40.5	40.5	40.5	39.1	39.1	39.1	39.1	39.1
82.5°	27.0	27.0	27.0	27.0	27.0	27.0	27.0	25.6
85°	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
87.5°	6.7	6.7	6.7	6.7	8.1	8.1	8.1	8.1
90°	8.1	8.1	9.4	9.4	9.4	9.4	10.8	10.8
92.5°	21.6	21.6	22.9	22.9	21.6	21.6	22.9	22.9
95°	41.8	41.8	41.8	41.8	40.5	40.5	41.8	41.8
97.5°	67.5	66.1	67.5	66.1	64.8	64.8	64.8	63.4
100°	89.1	89.1	90.4	90.4	90.4	90.4	91.8	90.4
102.5°	101.2	102.6	103.9	103.9	105.3	106.6	106.6	106.6
105°	109.3	110.7	113.4	114.7	118.8	120.1	121.5	121.5
107.5°	125.5	125.5	126.9	128.2	128.2	129.6	130.9	130.9
110°	155.2	149.8	148.5	148.5	145.8	145.8	147.1	148.5



TEST NUMBER: P303209

CATALOG NUMBER: CTW-F-7525-30L940-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	182.2	183.6	183.6	184.9	179.5	176.8	178.2	178.2
115°	199.8	202.5	202.5	205.2	205.2	206.5	209.2	209.2
117.5°	211.9	216.0	217.3	218.7	222.7	224.1	226.8	226.8
120°	226.8	229.5	230.8	232.2	233.5	234.9	236.2	237.6
122.5°	245.7	244.3	245.7	245.7	247.0	248.4	248.4	249.7
125°	267.3	265.9	264.6	265.9	263.2	261.9	261.9	263.2
127.5°	297.0	291.6	288.9	286.2	284.8	283.5	282.1	280.8
130°	334.8	326.7	321.3	319.9	313.2	309.1	306.4	307.8
132.5°	384.7	372.6	367.2	364.5	352.3	345.6	342.9	342.9
135°	434.7	421.2	415.8	409.0	400.9	394.2	387.4	387.4
137.5°	481.9	472.5	465.7	459.0	450.9	444.1	437.4	436.0
140°	529.2	518.4	511.6	506.2	499.5	492.7	486.0	490.0
142.5°	577.8	565.6	558.9	557.5	548.1	541.3	537.3	538.6
145°	625.0	612.9	607.5	604.8	596.7	588.6	584.5	581.8
147.5°	672.3	661.5	656.1	653.4	645.3	637.2	633.1	631.8
150°	716.8	707.4	702.0	697.9	692.5	685.8	677.7	677.7
152.5°	760.0	750.6	743.8	743.8	738.4	730.3	722.2	726.3
155°	799.2	791.1	787.0	785.7	780.3	773.5	766.8	769.5
157.5°	837.0	827.5	824.8	822.1	819.4	814.0	807.3	810.0
160°	873.4	865.3	862.6	859.9	857.2	851.8	845.1	846.4
162.5°	908.5	903.1	897.7	896.4	895.0	888.3	881.5	882.9
165°	938.2	932.8	928.8	927.4	927.4	922.0	915.3	916.6
167.5°	966.6	959.8	957.1	954.4	955.8	951.7	946.3	949.0
170°	992.2	988.2	985.5	984.1	985.5	980.1	976.0	977.4
172.5°	1016.5	1013.8	1011.1	1009.8	1012.5	1008.4	1003.0	1004.4
175°	1038.1	1035.4	1034.1	1032.7	1034.1	1028.7	1026.0	1027.3
177.5°	1058.4	1057.0	1055.7	1054.3	1057.0	1050.3	1044.9	1047.6
180°	1077.3	1077.3	1077.3	1077.3	1077.3	1077.3	1077.3	1077.3

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