

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: P303207

Luminaire Tested: **CTW-F-7525-30L930-UNV-STD-6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303207
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-7525-30L930-UNV-STD-6
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
75% UPLIGHT, 25% DOWNLIGHT, 3000 LUMEN PACKAGE
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3728.0 lumens
Efficiency: N/A
Efficacy: 115.4 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

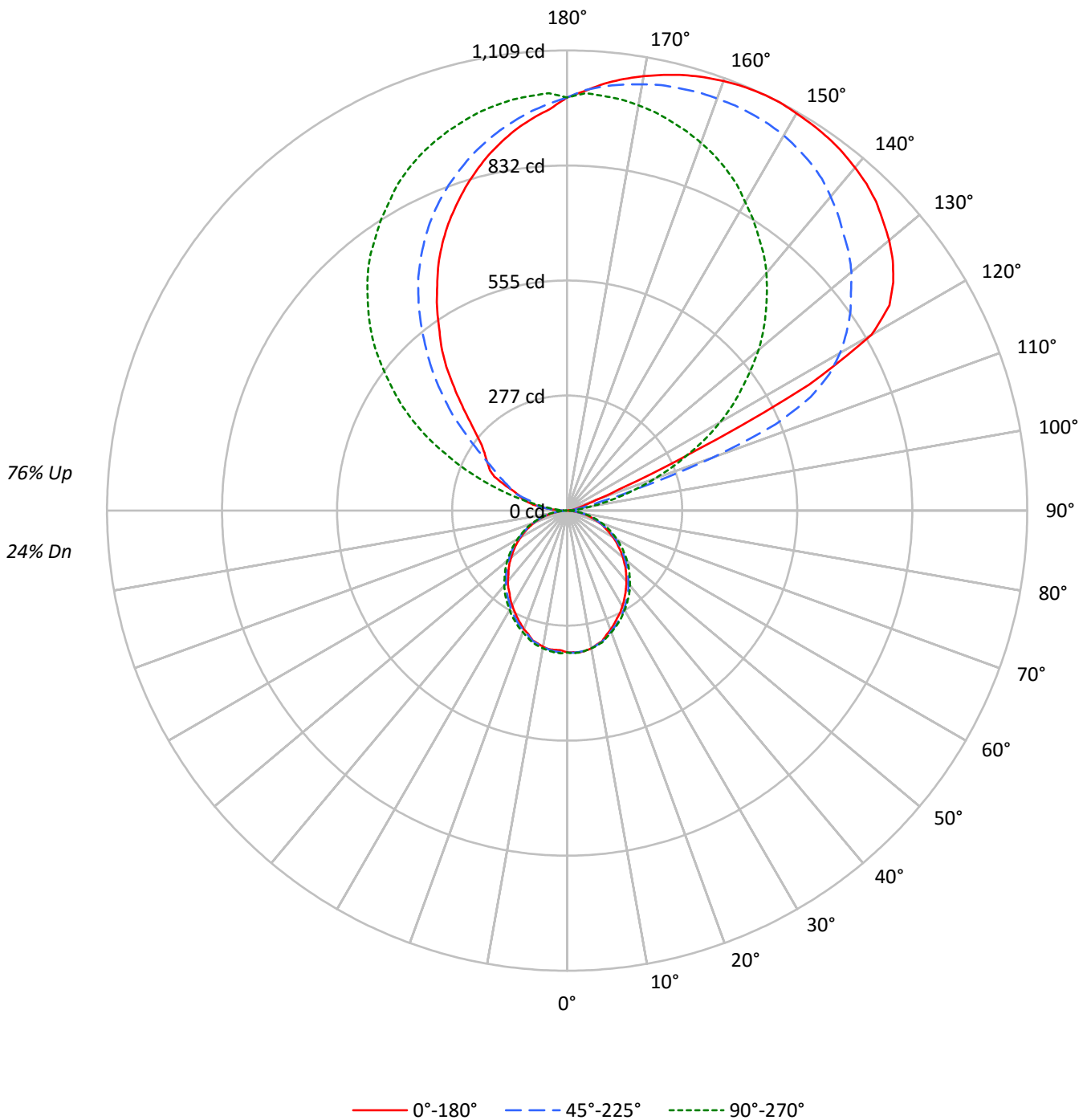
Input Watts (W): 32.3
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P303207

CATALOG NUMBER: CTW-F-7525-30L930-UNV-STD-6

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	101	101	101	101	90	90	90	90	69	69	69	50	50	50	32	32	32	24				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°	4905	4905	4905
5°	4943	4943	4854
10°	4910	4910	4854
15°	4838	4875	4801
20°	4669	4764	4649
25°	4524	4683	4505
30°	4403	4590	4383
35°	4284	4503	4240
40°	4161	4418	4161
45°	4051	4305	4051
50°	3927	4207	3927
55°	3778	4089	3841
60°	3654	3975	3723
65°	3474	3854	3600
70°	3298	3768	3508
75°	3111	3599	3322
80°	2678	3298	2992
85°	1647	2882	2470



TEST NUMBER: P303207

CATALOG NUMBER: CTW-F-7525-30L930-UNV-STD-6

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.3	0.9
10°-20°	91.0	2.4
20°-30°	133.6	3.6
30°-40°	156.6	4.2
40°-50°	158.7	4.3
50°-60°	141.5	3.8
60°-70°	108.6	2.9
70°-80°	64.4	1.7
80°-90°	18.1	0.5
90°-100°	29.6	0.8
100°-110°	122.5	3.3
110°-120°	344.5	9.2
120°-130°	497.6	13.3
130°-140°	535.1	14.4
140°-150°	509.0	13.7
150°-160°	417.8	11.2
160°-170°	272.8	7.3
170°-180°	94.5	2.5
0°-30°	256.9	6.9
0°-40°	413.5	11.1
0°-60°	713.6	19.1
0°-90°	904.7	24.3
90°-120°	496.6	13.3
90°-150°	2038.2	54.7
90°-180°	2823.0	75.7
0°-180°	3728.0	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	342	342	342	342	342	
5°	343	342	343	341	337	33
15°	326	327	328	324	323	91
25°	286	293	296	291	284	132
35°	244	253	257	251	242	153
45°	200	206	212	207	200	154
55°	151	157	163	160	154	135
65°	102	108	114	111	106	102
75°	56	60	65	62	60	59
85°	10	12	18	15	15	13
90°	2	1	1	6	10	1
95°	8	9	21	39	39	8
105°	34	86	134	94	112	40
115°	336	648	323	170	193	391
125°	959	833	514	273	243	851
135°	1053	942	677	449	358	812
145°	1097	1023	805	625	538	688
155°	1109	1054	907	775	711	512
165°	1087	1053	971	887	847	308
175°	1033	1027	1003	967	949	99
180°	996	996	996	996	996	



TEST NUMBER: P303207

CATALOG NUMBER: CTW-F-7525-30L930-UNV-STD-6

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	341.8	341.8	341.8	341.8	341.8	341.8	341.8	341.8	341.8	341.8	341.8
2.5°	341.8	340.6	341.8	341.8	343.1	343.1	343.1	341.8	343.1	344.3	343.1
5°	343.1	343.1	341.8	341.8	341.8	341.8	341.8	340.6	341.8	343.1	341.8
7.5°	340.6	340.6	340.6	339.3	339.3	339.3	339.3	339.3	339.3	340.6	340.6
10°	336.9	336.9	335.6	334.4	335.6	335.6	335.6	334.4	335.6	336.9	336.9
12.5°	330.6	331.9	330.6	330.6	330.6	330.6	330.6	330.6	331.9	333.1	331.9
15°	325.6	325.6	325.6	324.4	324.4	324.4	324.4	323.1	325.6	326.9	326.9
17.5°	314.4	314.4	314.4	315.6	316.9	316.9	316.9	315.6	315.6	319.4	318.1
20°	305.7	305.7	305.7	305.7	306.9	306.9	306.9	306.9	306.9	309.4	309.4
22.5°	295.7	296.9	296.9	296.9	298.2	298.2	298.2	298.2	298.2	300.7	301.9
25°	285.7	286.9	286.9	288.2	288.2	288.2	288.2	289.4	289.4	291.9	293.2
27.5°	277.0	277.0	277.0	278.2	278.2	279.5	279.5	280.7	280.7	282.0	284.5
30°	265.7	265.7	267.0	267.0	268.2	269.5	269.5	270.7	270.7	272.0	274.5
32.5°	255.8	255.8	255.8	257.0	258.3	258.3	258.3	259.5	259.5	260.7	263.2
35°	244.5	244.5	244.5	245.8	245.8	247.0	247.0	248.3	249.5	250.8	253.3
37.5°	233.3	233.3	233.3	234.5	234.5	235.8	237.0	238.3	238.3	239.5	242.0
40°	222.1	222.1	222.1	223.3	224.6	224.6	224.6	225.8	227.1	228.3	229.6
42.5°	210.8	209.6	210.8	210.8	212.1	213.3	213.3	214.6	215.8	217.1	218.3
45°	199.6	198.4	199.6	199.6	200.9	200.9	200.9	203.4	203.4	204.6	205.9
47.5°	187.1	187.1	187.1	187.1	189.6	188.4	189.6	190.9	192.1	193.4	194.6
50°	175.9	174.7	175.9	175.9	177.2	177.2	177.2	178.4	179.7	180.9	182.1
52.5°	163.4	163.4	163.4	163.4	164.7	165.9	165.9	167.2	167.2	168.4	169.7
55°	151.0	151.0	152.2	152.2	153.5	153.5	153.5	154.7	154.7	157.2	157.2
57.5°	139.7	139.7	139.7	139.7	141.0	141.0	142.2	142.2	142.2	144.7	146.0
60°	127.3	127.3	128.5	127.3	129.7	128.5	129.7	129.7	131.0	132.2	133.5
62.5°	114.8	116.0	116.0	116.0	116.0	117.3	117.3	118.5	118.5	119.8	121.0
65°	102.3	102.3	103.6	103.6	104.8	104.8	104.8	106.0	106.0	107.3	108.5
67.5°	92.3	92.3	91.1	91.1	92.3	92.3	93.6	93.6	93.6	94.8	94.8
70°	78.6	79.8	79.8	79.8	79.8	81.1	81.1	81.1	82.3	82.3	83.6
72.5°	67.4	67.4	67.4	67.4	67.4	68.6	68.6	68.6	69.9	69.9	71.1
75°	56.1	54.9	56.1	54.9	56.1	56.1	56.1	57.4	57.4	57.4	59.9
77.5°	43.7	43.7	43.7	43.7	43.7	43.7	44.9	44.9	46.2	47.4	47.4
80°	32.4	31.2	32.4	32.4	32.4	32.4	32.4	32.4	33.7	34.9	34.9
82.5°	20.0	20.0	20.0	20.0	21.2	21.2	21.2	21.2	22.5	23.7	23.7
85°	10.0	10.0	10.0	10.0	10.0	10.0	10.0	11.2	11.2	12.5	12.5
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.5	2.5	2.5	2.5
90°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.2
92.5°	3.7	3.7	3.7	3.7	3.7	5.0	5.0	3.7	5.0	5.0	5.0
95°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	8.7	8.7	8.7	8.7
97.5°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	13.7	13.7	15.0	16.2
100°	17.5	17.5	17.5	17.5	17.5	18.7	18.7	20.0	21.2	23.7	27.4
102.5°	25.0	25.0	25.0	25.0	26.2	27.4	27.4	28.7	32.4	37.4	46.2
105°	33.7	33.7	34.9	34.9	36.2	37.4	38.7	43.7	51.2	63.6	86.1
107.5°	47.4	47.4	48.7	51.2	53.6	56.1	61.1	73.6	96.1	131.0	187.1
110°	73.6	73.6	76.1	84.8	93.6	99.8	114.8	152.2	214.6	290.7	371.8



TEST NUMBER: P303207

CATALOG NUMBER: CTW-F-7525-30L930-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	146.0	148.5	155.9	179.7	210.8	230.8	273.2	355.6	431.7	507.8	544.0
115°	335.6	371.8	381.8	426.7	484.1	511.5	541.5	597.6	638.8	657.5	647.5
117.5°	657.5	687.4	686.2	719.9	734.8	743.6	751.1	758.5	743.6	736.1	712.4
120°	847.1	854.6	844.6	845.9	843.4	839.6	835.9	823.4	805.9	786.0	759.8
122.5°	920.7	918.2	913.2	907.0	897.0	889.5	883.3	867.1	848.4	825.9	798.5
125°	959.4	956.9	951.9	943.2	932.0	925.7	918.2	902.0	882.1	859.6	833.4
127.5°	989.3	985.6	980.6	971.9	961.9	954.4	949.4	932.0	912.0	890.8	862.1
130°	1013.0	1010.6	1004.3	998.1	986.8	980.6	974.4	959.4	936.9	917.0	894.5
132.5°	1033.0	1031.8	1026.8	1020.5	1009.3	1003.1	998.1	983.1	961.9	940.7	920.7
135°	1053.0	1050.5	1045.5	1039.2	1028.0	1023.0	1016.8	1004.3	983.1	961.9	941.9
137.5°	1067.9	1064.2	1060.5	1055.5	1044.2	1040.5	1034.3	1020.5	1001.8	984.4	966.9
140°	1079.2	1075.4	1071.7	1067.9	1058.0	1054.2	1049.2	1035.5	1016.8	1001.8	988.1
142.5°	1089.2	1085.4	1082.9	1079.2	1070.4	1066.7	1063.0	1049.2	1033.0	1019.3	1008.1
145°	1096.6	1092.9	1091.6	1087.9	1080.4	1076.7	1072.9	1059.2	1044.2	1030.5	1023.0
147.5°	1101.6	1100.4	1097.9	1094.1	1087.9	1085.4	1081.7	1069.2	1053.0	1043.0	1034.3
150°	1105.4	1105.4	1102.9	1100.4	1094.1	1091.6	1087.9	1075.4	1063.0	1054.2	1044.2
152.5°	1109.1	1109.1	1106.6	1102.9	1097.9	1095.4	1090.4	1079.2	1067.9	1061.7	1050.5
155°	1109.1	1110.4	1107.9	1102.9	1099.1	1095.4	1091.6	1080.4	1070.4	1065.4	1054.2
157.5°	1106.6	1107.9	1104.1	1100.4	1096.6	1094.1	1089.2	1079.2	1071.7	1067.9	1056.7
160°	1101.6	1102.9	1100.4	1096.6	1092.9	1091.6	1086.7	1077.9	1071.7	1067.9	1056.7
162.5°	1095.4	1096.6	1095.4	1091.6	1089.2	1087.9	1082.9	1075.4	1069.2	1066.7	1056.7
165°	1086.7	1087.9	1086.7	1082.9	1081.7	1079.2	1075.4	1067.9	1063.0	1063.0	1053.0
167.5°	1075.4	1076.7	1075.4	1069.2	1069.2	1066.7	1065.4	1059.2	1056.7	1058.0	1050.5
170°	1063.0	1064.2	1061.7	1058.0	1059.2	1056.7	1055.5	1051.7	1049.2	1050.5	1043.0
172.5°	1049.2	1050.5	1049.2	1045.5	1046.7	1045.5	1044.2	1039.2	1038.0	1041.7	1035.5
175°	1033.0	1033.0	1033.0	1029.3	1031.8	1030.5	1029.3	1026.8	1026.8	1030.5	1026.8
177.5°	1013.0	1013.0	1014.3	1013.0	1015.5	1014.3	1014.3	1013.0	1013.0	1018.0	1014.3
180°	995.6	995.6	995.6	995.6	995.6	995.6	995.6	995.6	995.6	995.6	995.6



TEST NUMBER: P303207

CATALOG NUMBER: CTW-F-7525-30L930-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	341.8	341.8	341.8	341.8	341.8	341.8	341.8	341.8	341.8	341.8	341.8
2.5°	340.6	339.3	339.3	340.6	340.6	340.6	341.8	343.1	343.1	344.3	343.1
5°	340.6	339.3	338.1	339.3	340.6	340.6	340.6	341.8	341.8	343.1	341.8
7.5°	338.1	336.9	336.9	338.1	338.1	338.1	338.1	339.3	339.3	340.6	339.3
10°	334.4	333.1	333.1	333.1	334.4	334.4	335.6	336.9	336.9	336.9	335.6
12.5°	330.6	329.4	329.4	329.4	330.6	330.6	330.6	331.9	333.1	333.1	331.9
15°	323.1	321.9	321.9	323.1	324.4	324.4	325.6	326.9	328.1	328.1	326.9
17.5°	316.9	315.6	315.6	316.9	316.9	318.1	318.1	319.4	318.1	319.4	318.1
20°	308.2	306.9	306.9	308.2	308.2	309.4	309.4	310.7	311.9	311.9	310.7
22.5°	300.7	298.2	299.4	299.4	300.7	300.7	301.9	303.2	303.2	304.4	303.2
25°	291.9	290.7	290.7	291.9	291.9	293.2	293.2	294.4	295.7	295.7	294.4
27.5°	283.2	282.0	280.7	282.0	283.2	284.5	284.5	285.7	286.9	286.9	285.7
30°	273.2	272.0	272.0	273.2	273.2	274.5	275.7	275.7	278.2	277.0	275.7
32.5°	264.5	263.2	262.0	263.2	264.5	264.5	265.7	267.0	267.0	267.0	265.7
35°	253.3	252.0	252.0	252.0	253.3	254.5	255.8	255.8	257.0	257.0	255.8
37.5°	243.3	242.0	240.8	242.0	243.3	244.5	244.5	245.8	245.8	247.0	245.8
40°	232.1	230.8	230.8	230.8	232.1	233.3	233.3	234.5	235.8	235.8	234.5
42.5°	220.8	219.6	219.6	219.6	220.8	222.1	222.1	223.3	224.6	223.3	223.3
45°	209.6	208.3	208.3	208.3	209.6	209.6	210.8	212.1	212.1	212.1	210.8
47.5°	195.9	197.1	197.1	197.1	197.1	198.4	198.4	199.6	199.6	200.9	199.6
50°	183.4	184.6	184.6	184.6	185.9	185.9	187.1	187.1	187.1	188.4	187.1
52.5°	172.2	172.2	172.2	173.4	173.4	173.4	174.7	175.9	175.9	175.9	174.7
55°	159.7	159.7	160.9	162.2	162.2	162.2	162.2	163.4	163.4	163.4	163.4
57.5°	147.2	147.2	148.5	149.7	149.7	149.7	149.7	151.0	151.0	151.0	149.7
60°	134.7	134.7	136.0	137.2	137.2	137.2	137.2	138.5	138.5	138.5	138.5
62.5°	122.3	122.3	123.5	124.8	124.8	124.8	124.8	126.0	126.0	126.0	126.0
65°	109.8	109.8	111.0	112.3	112.3	112.3	113.5	113.5	114.8	113.5	114.8
67.5°	97.3	98.6	98.6	99.8	99.8	99.8	101.1	101.1	102.3	102.3	102.3
70°	84.8	86.1	86.1	87.3	87.3	87.3	87.3	88.6	89.8	89.8	89.8
72.5°	72.4	72.4	73.6	74.9	74.9	74.9	76.1	76.1	77.4	77.4	77.4
75°	59.9	61.1	61.1	62.4	62.4	62.4	63.6	63.6	64.9	64.9	64.9
77.5°	47.4	48.7	49.9	51.2	49.9	51.2	51.2	52.4	52.4	52.4	53.6
80°	36.2	37.4	37.4	38.7	38.7	38.7	38.7	39.9	41.2	39.9	41.2
82.5°	25.0	25.0	26.2	27.4	27.4	27.4	27.4	28.7	28.7	28.7	29.9
85°	13.7	15.0	15.0	15.0	16.2	16.2	17.5	17.5	17.5	17.5	18.7
87.5°	3.7	3.7	5.0	6.2	6.2	6.2	6.2	7.5	7.5	7.5	8.7
90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
92.5°	5.0	5.0	6.2	6.2	7.5	7.5	10.0	11.2	10.0	7.5	10.0
95°	10.0	12.5	15.0	20.0	22.5	23.7	29.9	29.9	26.2	21.2	20.0
97.5°	20.0	25.0	31.2	42.4	47.4	53.6	59.9	57.4	47.4	38.7	36.2
100°	33.7	44.9	63.6	83.6	92.3	99.8	101.1	92.3	77.4	63.6	57.4
102.5°	62.4	88.6	123.5	154.7	158.4	162.2	154.7	137.2	114.8	94.8	82.3
105°	127.3	179.7	222.1	240.8	239.5	235.8	214.6	188.4	159.7	133.5	112.3
107.5°	262.0	311.9	338.1	329.4	318.1	306.9	274.5	244.5	208.3	175.9	153.5
110°	430.4	444.1	434.2	406.7	389.2	374.3	336.9	299.4	259.5	224.6	193.4



TEST NUMBER: P303207

CATALOG NUMBER: CTW-F-7525-30L930-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	551.4	532.7	502.8	467.8	450.4	431.7	393.0	356.8	310.7	274.5	239.5
115°	627.5	596.4	561.4	524.0	505.3	486.6	449.1	408.0	361.8	323.1	288.2
117.5°	681.2	646.3	612.6	576.4	556.4	537.7	499.0	457.9	411.7	376.8	339.3
120°	727.3	694.9	658.7	622.6	603.8	586.4	546.4	505.3	460.4	425.4	386.8
122.5°	768.5	736.1	699.9	665.0	647.5	630.0	590.1	548.9	506.5	472.8	432.9
125°	803.5	773.5	739.8	703.6	687.4	670.0	630.0	591.4	551.4	514.0	479.1
127.5°	839.6	809.7	777.3	742.3	724.9	706.1	668.7	630.0	592.6	557.7	524.0
130°	869.6	839.6	809.7	776.0	758.5	741.1	704.9	667.5	632.5	602.6	566.4
132.5°	898.3	869.6	839.6	804.7	788.5	772.3	739.8	704.9	673.7	641.3	607.6
135°	924.5	894.5	865.8	832.1	815.9	802.2	769.8	737.3	708.6	677.4	646.3
137.5°	945.7	918.2	887.0	855.9	842.1	829.7	798.5	768.5	741.1	712.4	683.7
140°	965.6	936.9	907.0	878.3	864.6	853.4	824.7	798.5	772.3	747.3	718.6
142.5°	984.4	954.4	924.5	898.3	887.0	875.8	850.9	825.9	801.0	778.5	751.1
145°	998.1	969.4	940.7	917.0	908.2	897.0	872.1	850.9	828.4	804.7	781.0
147.5°	1011.8	984.4	958.2	935.7	927.0	917.0	894.5	875.8	854.6	833.4	809.7
150°	1023.0	995.6	973.1	953.2	944.4	936.9	914.5	898.3	878.3	858.3	838.4
152.5°	1029.3	1005.6	984.4	968.1	960.6	953.2	934.4	920.7	900.8	885.8	864.6
155°	1033.0	1013.0	994.3	980.6	974.4	969.4	950.7	938.2	922.0	907.0	888.3
157.5°	1036.8	1018.0	1001.8	990.6	985.6	979.4	963.1	953.2	939.4	927.0	909.5
160°	1038.0	1021.8	1008.1	998.1	994.3	989.3	975.6	966.9	954.4	943.2	927.0
162.5°	1038.0	1025.5	1013.0	1005.6	1001.8	996.8	985.6	979.4	968.1	958.2	944.4
165°	1038.0	1026.8	1015.5	1010.6	1006.8	1004.3	994.3	988.1	978.1	970.6	959.4
167.5°	1035.5	1025.5	1018.0	1014.3	1011.8	1008.1	1000.6	995.6	988.1	983.1	971.9
170°	1030.5	1023.0	1015.5	1014.3	1013.0	1010.6	1004.3	1001.8	996.8	991.8	983.1
172.5°	1025.5	1018.0	1013.0	1013.0	1011.8	1010.6	1005.6	1005.6	1001.8	999.3	990.6
175°	1015.5	1010.6	1006.8	1008.1	1008.1	1006.8	1004.3	1005.6	1004.3	1003.1	998.1
177.5°	1005.6	1001.8	1000.6	1003.1	1003.1	1003.1	1001.8	1005.6	1005.6	1006.8	1001.8
180°	995.6	995.6	995.6	995.6	995.6	995.6	995.6	995.6	995.6	995.6	995.6



TEST NUMBER: P303207

CATALOG NUMBER: CTW-F-7525-30L930-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	341.8	341.8	341.8	341.8	341.8	341.8	341.8	341.8	341.8	341.8	341.8
2.5°	340.6	339.3	339.3	339.3	339.3	340.6	340.6	339.3	341.8	343.1	341.8
5°	339.3	338.1	338.1	338.1	339.3	339.3	339.3	339.3	340.6	341.8	340.6
7.5°	338.1	335.6	335.6	335.6	336.9	336.9	336.9	335.6	338.1	339.3	336.9
10°	333.1	331.9	331.9	331.9	333.1	333.1	333.1	331.9	333.1	334.4	333.1
12.5°	329.4	328.1	328.1	328.1	328.1	329.4	328.1	328.1	329.4	330.6	328.1
15°	323.1	320.6	320.6	320.6	321.9	321.9	321.9	320.6	324.4	323.1	321.9
17.5°	315.6	313.1	313.1	313.1	314.4	314.4	313.1	311.9	314.4	314.4	313.1
20°	308.2	305.7	305.7	305.7	306.9	306.9	306.9	305.7	306.9	306.9	305.7
22.5°	300.7	298.2	298.2	298.2	299.4	299.4	298.2	296.9	299.4	298.2	296.9
25°	291.9	290.7	290.7	290.7	290.7	290.7	289.4	288.2	290.7	289.4	288.2
27.5°	283.2	282.0	282.0	282.0	282.0	282.0	280.7	279.5	280.7	279.5	279.5
30°	274.5	272.0	272.0	273.2	273.2	272.0	270.7	270.7	272.0	270.7	269.5
32.5°	264.5	263.2	262.0	263.2	263.2	263.2	260.7	260.7	260.7	259.5	259.5
35°	254.5	253.3	252.0	253.3	253.3	252.0	250.8	250.8	250.8	249.5	248.3
37.5°	243.3	242.0	242.0	242.0	242.0	242.0	239.5	240.8	240.8	238.3	238.3
40°	232.1	230.8	230.8	232.1	232.1	230.8	229.6	230.8	229.6	228.3	227.1
42.5°	222.1	219.6	220.8	220.8	220.8	219.6	219.6	219.6	218.3	217.1	215.8
45°	209.6	208.3	209.6	209.6	209.6	208.3	208.3	207.1	207.1	205.9	204.6
47.5°	198.4	197.1	198.4	198.4	198.4	195.9	197.1	195.9	195.9	193.4	193.4
50°	185.9	185.9	187.1	185.9	185.9	184.6	184.6	183.4	183.4	182.1	180.9
52.5°	174.7	174.7	174.7	174.7	174.7	173.4	173.4	172.2	172.2	170.9	169.7
55°	162.2	162.2	163.4	163.4	162.2	160.9	160.9	160.9	159.7	158.4	157.2
57.5°	149.7	151.0	151.0	149.7	151.0	149.7	148.5	148.5	147.2	146.0	146.0
60°	138.5	138.5	138.5	138.5	138.5	137.2	137.2	137.2	134.7	133.5	133.5
62.5°	126.0	127.3	126.0	126.0	126.0	124.8	124.8	124.8	123.5	122.3	122.3
65°	114.8	114.8	114.8	113.5	113.5	113.5	113.5	112.3	111.0	109.8	109.8
67.5°	102.3	102.3	102.3	102.3	101.1	101.1	99.8	99.8	98.6	98.6	97.3
70°	89.8	89.8	89.8	89.8	88.6	88.6	88.6	87.3	86.1	86.1	86.1
72.5°	77.4	77.4	77.4	77.4	77.4	76.1	76.1	74.9	74.9	74.9	73.6
75°	64.9	64.9	64.9	64.9	64.9	63.6	63.6	62.4	62.4	62.4	61.1
77.5°	52.4	52.4	52.4	52.4	52.4	52.4	51.2	51.2	51.2	49.9	49.9
80°	41.2	41.2	39.9	41.2	39.9	39.9	39.9	39.9	38.7	38.7	37.4
82.5°	28.7	29.9	28.7	28.7	28.7	28.7	28.7	27.4	27.4	27.4	26.2
85°	18.7	18.7	18.7	17.5	17.5	17.5	16.2	16.2	15.0	16.2	15.0
87.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	6.2	7.5	6.2
90°	2.5	3.7	3.7	3.7	5.0	6.2	5.0	6.2	6.2	7.5	7.5
92.5°	15.0	17.5	17.5	17.5	18.7	20.0	18.7	20.0	20.0	20.0	18.7
95°	23.7	27.4	34.9	36.2	38.7	41.2	41.2	39.9	38.7	38.7	37.4
97.5°	33.7	39.9	41.2	43.7	46.2	53.6	57.4	61.1	63.6	63.6	62.4
100°	52.4	51.2	57.4	61.1	58.6	59.9	63.6	71.1	74.9	77.4	79.8
102.5°	74.9	68.6	68.6	71.1	74.9	81.1	76.1	78.6	81.1	84.8	91.1
105°	102.3	92.3	88.6	87.3	88.6	93.6	99.8	97.3	93.6	96.1	98.6
107.5°	134.7	122.3	111.0	108.5	108.5	108.5	113.5	119.8	123.5	119.8	113.5
110°	172.2	153.5	139.7	133.5	131.0	128.5	127.3	133.5	141.0	144.7	146.0



TEST NUMBER: P303207

CATALOG NUMBER: CTW-F-7525-30L930-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	213.3	189.6	172.2	165.9	158.4	151.0	148.5	149.7	152.2	160.9	164.7
115°	259.5	232.1	208.3	200.9	193.4	177.2	170.9	168.4	169.7	172.2	178.4
117.5°	305.7	278.2	249.5	238.3	229.6	212.1	195.9	190.9	188.4	189.6	190.9
120°	355.6	325.6	294.4	280.7	269.5	250.8	228.3	215.8	209.6	208.3	207.1
122.5°	401.7	373.0	345.6	328.1	313.1	289.4	267.0	249.5	238.3	229.6	227.1
125°	446.6	417.9	391.7	378.0	363.1	336.9	309.4	289.4	273.2	259.5	250.8
127.5°	490.3	462.9	435.4	422.9	410.5	381.8	355.6	335.6	314.4	296.9	283.2
130°	532.7	505.3	480.3	469.1	452.9	425.4	400.5	378.0	360.6	341.8	321.9
132.5°	575.1	548.9	525.2	512.8	499.0	470.3	445.4	424.2	403.0	386.8	370.5
135°	613.8	587.6	565.2	555.2	539.0	514.0	490.3	470.3	449.1	430.4	415.4
137.5°	651.2	626.3	603.8	593.9	580.1	556.4	534.0	515.3	492.8	474.1	460.4
140°	686.2	661.2	640.0	630.0	618.8	596.4	573.9	558.9	536.5	519.0	504.0
142.5°	721.1	697.4	676.2	667.5	656.2	635.0	613.8	601.3	581.4	565.2	548.9
145°	752.3	728.6	709.9	702.4	692.4	671.2	652.5	640.0	625.0	608.8	592.6
147.5°	782.2	759.8	742.3	736.1	727.3	708.6	689.9	678.7	667.5	650.0	635.0
150°	812.2	788.5	773.5	767.3	759.8	743.6	726.1	713.6	704.9	687.4	674.9
152.5°	839.6	819.7	803.5	796.0	789.7	776.0	758.5	746.1	741.1	726.1	712.4
155°	864.6	844.6	832.1	823.4	819.7	804.7	791.0	777.3	774.8	758.5	748.6
157.5°	885.8	868.3	854.6	849.6	844.6	833.4	819.7	808.4	805.9	792.2	781.0
160°	907.0	889.5	879.6	874.6	869.6	857.1	845.9	834.6	834.6	824.7	814.7
162.5°	924.5	909.5	900.8	897.0	893.3	884.5	872.1	860.8	860.8	853.4	844.6
165°	940.7	927.0	919.5	917.0	912.0	905.8	897.0	885.8	887.0	879.6	872.1
167.5°	956.9	943.2	936.9	934.4	932.0	925.7	918.2	908.2	909.5	905.8	897.0
170°	969.4	956.9	951.9	949.4	948.2	943.2	938.2	929.5	930.7	928.2	920.7
172.5°	978.1	968.1	965.6	963.1	963.1	959.4	955.7	948.2	949.4	950.7	941.9
175°	985.6	976.9	975.6	974.4	974.4	973.1	970.6	964.4	966.9	969.4	961.9
177.5°	991.8	985.6	985.6	985.6	985.6	985.6	984.4	979.4	981.9	986.8	979.4
180°	995.6	995.6	995.6	995.6	995.6	995.6	995.6	995.6	995.6	995.6	995.6



TEST NUMBER: P303207

CATALOG NUMBER: CTW-F-7525-30L930-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	341.8	341.8	341.8	341.8	341.8	341.8	341.8	341.8
2.5°	341.8	341.8	341.8	341.8	341.8	339.3	338.1	336.9
5°	340.6	340.6	339.3	339.3	340.6	339.3	338.1	336.9
7.5°	336.9	336.9	336.9	336.9	338.1	336.9	335.6	336.9
10°	333.1	333.1	331.9	331.9	333.1	333.1	331.9	333.1
12.5°	328.1	328.1	326.9	328.1	328.1	328.1	328.1	328.1
15°	321.9	320.6	320.6	320.6	321.9	321.9	321.9	323.1
17.5°	313.1	313.1	311.9	313.1	314.4	313.1	311.9	311.9
20°	305.7	304.4	304.4	304.4	305.7	304.4	304.4	304.4
22.5°	296.9	295.7	295.7	295.7	296.9	295.7	294.4	294.4
25°	286.9	286.9	286.9	286.9	286.9	285.7	284.5	284.5
27.5°	278.2	278.2	277.0	278.2	277.0	275.7	274.5	274.5
30°	268.2	268.2	267.0	268.2	267.0	265.7	264.5	264.5
32.5°	258.3	257.0	257.0	258.3	257.0	255.8	254.5	254.5
35°	247.0	247.0	247.0	247.0	245.8	244.5	243.3	242.0
37.5°	237.0	235.8	235.8	235.8	234.5	233.3	233.3	233.3
40°	225.8	224.6	224.6	225.8	223.3	222.1	222.1	222.1
42.5°	214.6	214.6	213.3	213.3	212.1	210.8	209.6	209.6
45°	202.1	203.4	202.1	202.1	200.9	199.6	198.4	199.6
47.5°	190.9	190.9	190.9	190.9	189.6	188.4	187.1	188.4
50°	179.7	179.7	179.7	179.7	177.2	177.2	175.9	175.9
52.5°	168.4	168.4	167.2	167.2	165.9	165.9	164.7	164.7
55°	155.9	155.9	155.9	155.9	154.7	153.5	153.5	153.5
57.5°	144.7	144.7	143.5	143.5	142.2	142.2	141.0	142.2
60°	132.2	132.2	132.2	132.2	131.0	131.0	129.7	129.7
62.5°	121.0	119.8	119.8	119.8	118.5	118.5	118.5	118.5
65°	108.5	108.5	107.3	108.5	107.3	107.3	106.0	106.0
67.5°	97.3	96.1	96.1	96.1	96.1	94.8	94.8	94.8
70°	84.8	83.6	83.6	83.6	83.6	83.6	82.3	83.6
72.5°	72.4	72.4	72.4	72.4	71.1	71.1	71.1	71.1
75°	61.1	59.9	59.9	59.9	59.9	59.9	59.9	59.9
77.5°	49.9	48.7	48.7	48.7	48.7	47.4	47.4	47.4
80°	37.4	37.4	37.4	36.2	36.2	36.2	36.2	36.2
82.5°	25.0	25.0	25.0	25.0	25.0	25.0	25.0	23.7
85°	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
87.5°	6.2	6.2	6.2	6.2	7.5	7.5	7.5	7.5
90°	7.5	7.5	8.7	8.7	8.7	8.7	10.0	10.0
92.5°	20.0	20.0	21.2	21.2	20.0	20.0	21.2	21.2
95°	38.7	38.7	38.7	38.7	37.4	37.4	38.7	38.7
97.5°	62.4	61.1	62.4	61.1	59.9	59.9	59.9	58.6
100°	82.3	82.3	83.6	83.6	83.6	83.6	84.8	83.6
102.5°	93.6	94.8	96.1	96.1	97.3	98.6	98.6	98.6
105°	101.1	102.3	104.8	106.0	109.8	111.0	112.3	112.3
107.5°	116.0	116.0	117.3	118.5	118.5	119.8	121.0	121.0
110°	143.5	138.5	137.2	137.2	134.7	134.7	136.0	137.2



TEST NUMBER: P303207

CATALOG NUMBER: CTW-F-7525-30L930-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	168.4	169.7	169.7	170.9	165.9	163.4	164.7	164.7
115°	184.6	187.1	187.1	189.6	189.6	190.9	193.4	193.4
117.5°	195.9	199.6	200.9	202.1	205.9	207.1	209.6	209.6
120°	209.6	212.1	213.3	214.6	215.8	217.1	218.3	219.6
122.5°	227.1	225.8	227.1	227.1	228.3	229.6	229.6	230.8
125°	247.0	245.8	244.5	245.8	243.3	242.0	242.0	243.3
127.5°	274.5	269.5	267.0	264.5	263.2	262.0	260.7	259.5
130°	309.4	301.9	296.9	295.7	289.4	285.7	283.2	284.5
132.5°	355.6	344.3	339.3	336.9	325.6	319.4	316.9	316.9
135°	401.7	389.2	384.3	378.0	370.5	364.3	358.1	358.1
137.5°	445.4	436.7	430.4	424.2	416.7	410.5	404.2	403.0
140°	489.1	479.1	472.8	467.8	461.6	455.4	449.1	452.9
142.5°	534.0	522.7	516.5	515.3	506.5	500.3	496.5	497.8
145°	577.6	566.4	561.4	558.9	551.4	544.0	540.2	537.7
147.5°	621.3	611.3	606.3	603.8	596.4	588.9	585.1	583.9
150°	662.5	653.7	648.7	645.0	640.0	633.8	626.3	626.3
152.5°	702.4	693.7	687.4	687.4	682.4	674.9	667.5	671.2
155°	738.6	731.1	727.3	726.1	721.1	714.9	708.6	711.1
157.5°	773.5	764.8	762.3	759.8	757.3	752.3	746.1	748.6
160°	807.2	799.7	797.2	794.7	792.2	787.2	781.0	782.2
162.5°	839.6	834.6	829.7	828.4	827.2	820.9	814.7	815.9
165°	867.1	862.1	858.3	857.1	857.1	852.1	845.9	847.1
167.5°	893.3	887.0	884.5	882.1	883.3	879.6	874.6	877.1
170°	917.0	913.2	910.7	909.5	910.7	905.8	902.0	903.3
172.5°	939.4	936.9	934.4	933.2	935.7	932.0	927.0	928.2
175°	959.4	956.9	955.7	954.4	955.7	950.7	948.2	949.4
177.5°	978.1	976.9	975.6	974.4	976.9	970.6	965.6	968.1
180°	995.6	995.6	995.6	995.6	995.6	995.6	995.6	995.6

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