

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: P303205

Luminaire Tested: **CTW-F-7525-30L835-UNV-STD-6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303205
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-7525-30L835-UNV-STD-6
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
75% UPLIGHT, 25% DOWNLIGHT, 3000 LUMEN PACKAGE
Light Source: 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

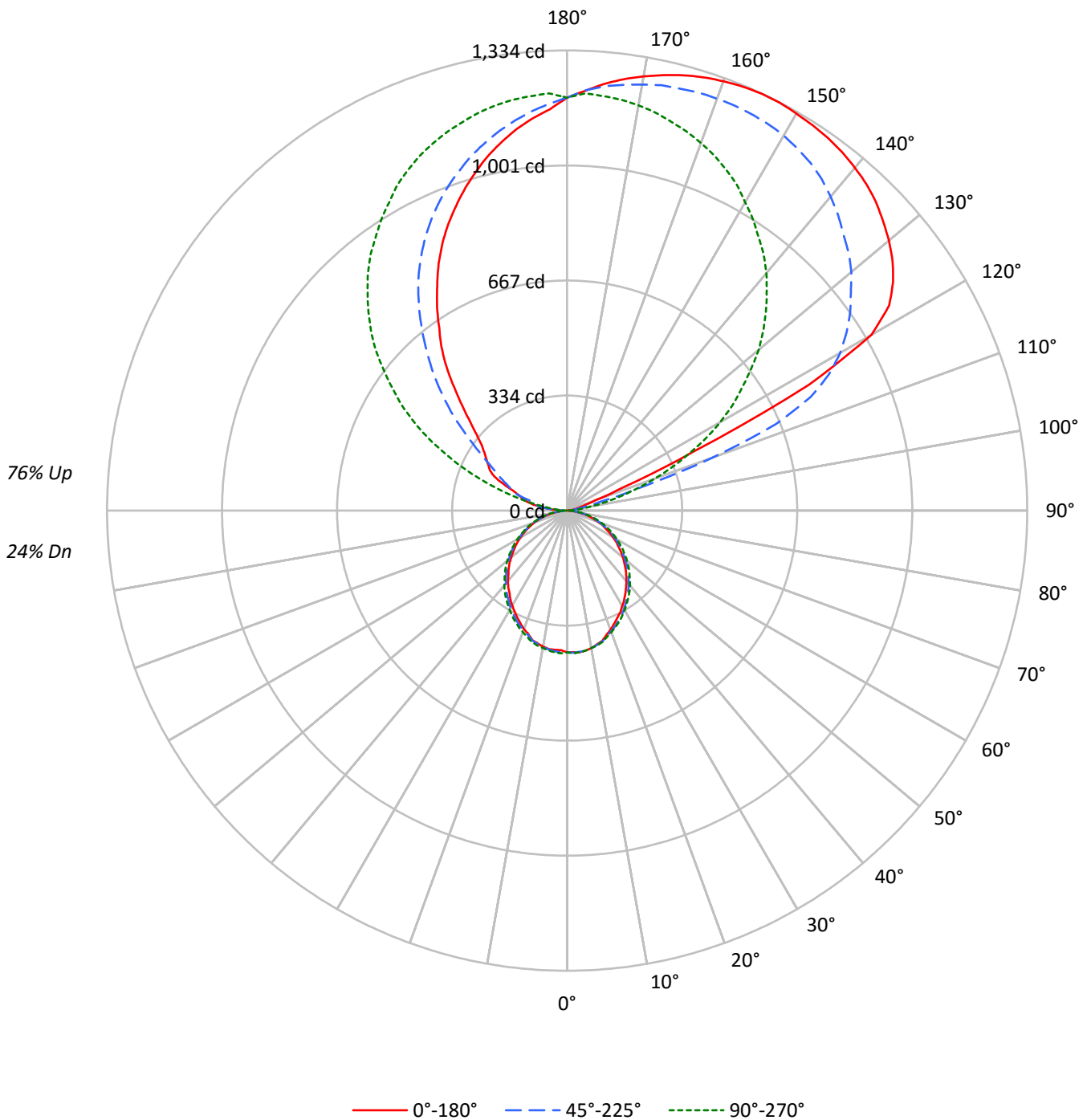
Lumens per Lamp: N/A
Luminaire Lumens: 4482.2 lumens
Efficiency: N/A
Efficacy: 138.8 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.21 / 1.31
Luminous Opening: Rectangular (W 6' x L: 0.12' x H: 0')
CIE Type: Semi-Indirect

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



TEST NUMBER: P303205
CATALOG NUMBER: CTW-F-7525-30L835-UNV-STD-6

Luminous Intensity Polar Plot





TEST NUMBER: P303205

CATALOG NUMBER: CTW-F-7525-30L835-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	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°	5899	5899	5899
5°	5943	5943	5835
10°	5902	5902	5837
15°	5817	5862	5772
20°	5613	5727	5590
25°	5440	5630	5416
30°	5295	5519	5270
35°	5151	5414	5098
40°	5002	5311	5002
45°	4871	5176	4871
50°	4722	5057	4722
55°	4541	4917	4617
60°	4392	4779	4478
65°	4177	4635	4330
70°	3965	4532	4217
75°	3743	4325	3993
80°	3223	3967	3595
85°	1976	3458	2964



TEST NUMBER: P303205

CATALOG NUMBER: CTW-F-7525-30L835-UNV-STD-6

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.8	0.9
10°-20°	109.4	2.4
20°-30°	160.6	3.6
30°-40°	188.3	4.2
40°-50°	190.8	4.3
50°-60°	170.1	3.8
60°-70°	130.5	2.9
70°-80°	77.4	1.7
80°-90°	21.7	0.5
90°-100°	35.5	0.8
100°-110°	147.3	3.3
110°-120°	414.1	9.2
120°-130°	598.3	13.3
130°-140°	643.3	14.4
140°-150°	611.9	13.7
150°-160°	502.4	11.2
160°-170°	328.0	7.3
170°-180°	113.7	2.5
0°-30°	308.8	6.9
0°-40°	497.1	11.1
0°-60°	858.0	19.1
0°-90°	1087.7	24.3
90°-120°	597.0	13.3
90°-150°	2450.5	54.7
90°-180°	3395.0	75.7
0°-180°	4482.2	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	411	411	411	411	411	
5°	412	411	412	410	405	39
15°	392	393	394	390	388	110
25°	344	352	356	350	342	159
35°	294	304	309	302	291	184
45°	240	248	255	249	240	185
55°	182	189	196	192	184	163
65°	123	130	136	134	128	123
75°	68	72	78	75	72	71
85°	12	15	21	18	18	15
90°	3	2	2	8	12	2
95°	9	10	26	46	46	10
105°	40	104	160	112	135	48
115°	404	778	388	204	232	471
125°	1154	1002	618	328	292	1023
135°	1266	1132	814	540	430	977
145°	1318	1230	968	752	646	827
155°	1334	1268	1090	932	855	616
165°	1306	1266	1167	1066	1018	370
175°	1242	1234	1206	1162	1142	120
180°	1197	1197	1197	1197	1197	



TEST NUMBER: P303205

CATALOG NUMBER: CTW-F-7525-30L835-UNV-STD-6

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	411.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0
2.5°	411.0	409.5	411.0	411.0	412.5	412.5	412.5	411.0	412.5	414.0	412.5
5°	412.5	412.5	411.0	411.0	411.0	411.0	411.0	409.5	411.0	412.5	411.0
7.5°	409.5	409.5	409.5	408.0	408.0	408.0	408.0	408.0	408.0	409.5	409.5
10°	405.0	405.0	403.5	402.0	403.5	403.5	403.5	402.0	403.5	405.0	405.0
12.5°	397.5	399.0	397.5	397.5	397.5	397.5	397.5	397.5	399.0	400.5	399.0
15°	391.5	391.5	391.5	390.0	390.0	390.0	390.0	388.5	391.5	393.0	393.0
17.5°	378.0	378.0	378.0	379.5	381.0	381.0	381.0	379.5	379.5	384.0	382.5
20°	367.5	367.5	367.5	367.5	369.0	369.0	369.0	369.0	369.0	372.0	372.0
22.5°	355.5	357.0	357.0	357.0	358.5	358.5	358.5	358.5	358.5	361.5	363.0
25°	343.5	345.0	345.0	346.5	346.5	346.5	346.5	348.0	348.0	351.0	352.5
27.5°	333.0	333.0	333.0	334.5	334.5	336.0	336.0	337.5	337.5	339.0	342.0
30°	319.5	319.5	321.0	321.0	322.5	324.0	324.0	325.5	325.5	327.0	330.0
32.5°	307.5	307.5	307.5	309.0	310.5	310.5	310.5	312.0	312.0	313.5	316.5
35°	294.0	294.0	294.0	295.5	295.5	297.0	297.0	298.5	300.0	301.5	304.5
37.5°	280.5	280.5	280.5	282.0	282.0	283.5	285.0	286.5	286.5	288.0	291.0
40°	267.0	267.0	267.0	268.5	270.0	270.0	270.0	271.5	273.0	274.5	276.0
42.5°	253.5	252.0	253.5	253.5	255.0	256.5	256.5	258.0	259.5	261.0	262.5
45°	240.0	238.5	240.0	240.0	241.5	241.5	241.5	244.5	244.5	246.0	247.5
47.5°	225.0	225.0	225.0	225.0	228.0	226.5	228.0	229.5	231.0	232.5	234.0
50°	211.5	210.0	211.5	211.5	213.0	213.0	213.0	214.5	216.0	217.5	219.0
52.5°	196.5	196.5	196.5	196.5	198.0	199.5	199.5	201.0	201.0	202.5	204.0
55°	181.5	181.5	183.0	183.0	184.5	184.5	184.5	186.0	186.0	189.0	189.0
57.5°	168.0	168.0	168.0	168.0	169.5	169.5	171.0	171.0	171.0	174.0	175.5
60°	153.0	153.0	154.5	153.0	156.0	154.5	156.0	156.0	157.5	159.0	160.5
62.5°	138.0	139.5	139.5	139.5	139.5	141.0	141.0	142.5	142.5	144.0	145.5
65°	123.0	123.0	124.5	124.5	126.0	126.0	126.0	127.5	127.5	129.0	130.5
67.5°	111.0	111.0	109.5	109.5	111.0	111.0	112.5	112.5	112.5	114.0	114.0
70°	94.5	96.0	96.0	96.0	96.0	97.5	97.5	97.5	99.0	99.0	100.5
72.5°	81.0	81.0	81.0	81.0	81.0	82.5	82.5	82.5	84.0	84.0	85.5
75°	67.5	66.0	67.5	66.0	67.5	67.5	67.5	69.0	69.0	69.0	72.0
77.5°	52.5	52.5	52.5	52.5	52.5	52.5	54.0	54.0	55.5	57.0	57.0
80°	39.0	37.5	39.0	39.0	39.0	39.0	39.0	39.0	40.5	42.0	42.0
82.5°	24.0	24.0	24.0	24.0	25.5	25.5	25.5	25.5	27.0	28.5	28.5
85°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	13.5	13.5	15.0	15.0
87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3.0	3.0	3.0	3.0
90°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	1.5
92.5°	4.5	4.5	4.5	4.5	4.5	6.0	6.0	4.5	6.0	6.0	6.0
95°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	10.5	10.5	10.5	10.5
97.5°	15.0	15.0	15.0	15.0	15.0	15.0	15.0	16.5	16.5	18.0	19.5
100°	21.0	21.0	21.0	21.0	21.0	22.5	22.5	24.0	25.5	28.5	33.0
102.5°	30.0	30.0	30.0	30.0	31.5	33.0	33.0	34.5	39.0	45.0	55.5
105°	40.5	40.5	42.0	42.0	43.5	45.0	46.5	52.5	61.5	76.5	103.5
107.5°	57.0	57.0	58.5	61.5	64.5	67.5	73.5	88.5	115.5	157.5	225.0
110°	88.5	88.5	91.5	102.0	112.5	120.0	138.0	183.0	258.0	349.5	447.0



TEST NUMBER: P303205

CATALOG NUMBER: CTW-F-7525-30L835-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	175.5	178.5	187.5	216.0	253.5	277.5	328.5	427.5	519.0	610.5	654.0
115°	403.5	447.0	459.0	513.0	582.0	615.0	651.0	718.5	768.0	790.5	778.5
117.5°	790.5	826.5	825.0	865.5	883.5	894.0	903.0	912.0	894.0	885.0	856.5
120°	1018.5	1027.5	1015.5	1017.0	1014.0	1009.5	1005.0	990.0	969.0	945.0	913.5
122.5°	1107.0	1104.0	1098.0	1090.5	1078.5	1069.5	1062.0	1042.5	1020.0	993.0	960.0
125°	1153.5	1150.5	1144.5	1134.0	1120.5	1113.0	1104.0	1084.5	1060.5	1033.5	1002.0
127.5°	1189.5	1185.0	1179.0	1168.5	1156.5	1147.5	1141.5	1120.5	1096.5	1071.0	1036.5
130°	1218.0	1215.0	1207.5	1200.0	1186.5	1179.0	1171.5	1153.5	1126.5	1102.5	1075.5
132.5°	1242.0	1240.5	1234.5	1227.0	1213.5	1206.0	1200.0	1182.0	1156.5	1131.0	1107.0
135°	1266.0	1263.0	1257.0	1249.5	1236.0	1230.0	1222.5	1207.5	1182.0	1156.5	1132.5
137.5°	1284.0	1279.5	1275.0	1269.0	1255.5	1251.0	1243.5	1227.0	1204.5	1183.5	1162.5
140°	1297.5	1293.0	1288.5	1284.0	1272.0	1267.5	1261.5	1245.0	1222.5	1204.5	1188.0
142.5°	1309.5	1305.0	1302.0	1297.5	1287.0	1282.5	1278.0	1261.5	1242.0	1225.5	1212.0
145°	1318.5	1314.0	1312.5	1308.0	1299.0	1294.5	1290.0	1273.5	1255.5	1239.0	1230.0
147.5°	1324.5	1323.0	1320.0	1315.5	1308.0	1305.0	1300.5	1285.5	1266.0	1254.0	1243.5
150°	1329.0	1329.0	1326.0	1323.0	1315.5	1312.5	1308.0	1293.0	1278.0	1267.5	1255.5
152.5°	1333.5	1333.5	1330.5	1326.0	1320.0	1317.0	1311.0	1297.5	1284.0	1276.5	1263.0
155°	1333.5	1335.0	1332.0	1326.0	1321.5	1317.0	1312.5	1299.0	1287.0	1281.0	1267.5
157.5°	1330.5	1332.0	1327.5	1323.0	1318.5	1315.5	1309.5	1297.5	1288.5	1284.0	1270.5
160°	1324.5	1326.0	1323.0	1318.5	1314.0	1312.5	1306.5	1296.0	1288.5	1284.0	1270.5
162.5°	1317.0	1318.5	1317.0	1312.5	1309.5	1308.0	1302.0	1293.0	1285.5	1282.5	1270.5
165°	1306.5	1308.0	1306.5	1302.0	1300.5	1297.5	1293.0	1284.0	1278.0	1278.0	1266.0
167.5°	1293.0	1294.5	1293.0	1285.5	1285.5	1282.5	1281.0	1273.5	1270.5	1272.0	1263.0
170°	1278.0	1279.5	1276.5	1272.0	1273.5	1270.5	1269.0	1264.5	1261.5	1263.0	1254.0
172.5°	1261.5	1263.0	1261.5	1257.0	1258.5	1257.0	1255.5	1249.5	1248.0	1252.5	1245.0
175°	1242.0	1242.0	1242.0	1237.5	1240.5	1239.0	1237.5	1234.5	1234.5	1239.0	1234.5
177.5°	1218.0	1218.0	1219.5	1218.0	1221.0	1219.5	1219.5	1218.0	1218.0	1224.0	1219.5
180°	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0



TEST NUMBER: P303205

CATALOG NUMBER: CTW-F-7525-30L835-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	411.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0
2.5°	409.5	408.0	408.0	409.5	409.5	409.5	411.0	412.5	412.5	414.0	412.5
5°	409.5	408.0	406.5	408.0	409.5	409.5	409.5	411.0	411.0	412.5	411.0
7.5°	406.5	405.0	405.0	406.5	406.5	406.5	406.5	408.0	408.0	409.5	408.0
10°	402.0	400.5	400.5	400.5	402.0	402.0	403.5	405.0	405.0	405.0	403.5
12.5°	397.5	396.0	396.0	396.0	397.5	397.5	397.5	399.0	400.5	400.5	399.0
15°	388.5	387.0	387.0	388.5	390.0	390.0	391.5	393.0	394.5	394.5	393.0
17.5°	381.0	379.5	379.5	381.0	381.0	382.5	382.5	384.0	382.5	384.0	382.5
20°	370.5	369.0	369.0	370.5	370.5	372.0	372.0	373.5	375.0	375.0	373.5
22.5°	361.5	358.5	360.0	360.0	361.5	361.5	363.0	364.5	364.5	366.0	364.5
25°	351.0	349.5	349.5	351.0	351.0	352.5	352.5	354.0	355.5	355.5	354.0
27.5°	340.5	339.0	337.5	339.0	340.5	342.0	342.0	343.5	345.0	345.0	343.5
30°	328.5	327.0	327.0	328.5	328.5	330.0	331.5	331.5	334.5	333.0	331.5
32.5°	318.0	316.5	315.0	316.5	318.0	318.0	319.5	321.0	321.0	321.0	319.5
35°	304.5	303.0	303.0	303.0	304.5	306.0	307.5	307.5	309.0	309.0	307.5
37.5°	292.5	291.0	289.5	291.0	292.5	294.0	294.0	295.5	295.5	297.0	295.5
40°	279.0	277.5	277.5	277.5	279.0	280.5	280.5	282.0	283.5	283.5	282.0
42.5°	265.5	264.0	264.0	264.0	265.5	267.0	267.0	268.5	270.0	268.5	268.5
45°	252.0	250.5	250.5	250.5	252.0	252.0	253.5	255.0	255.0	255.0	253.5
47.5°	235.5	237.0	237.0	237.0	237.0	238.5	238.5	240.0	240.0	241.5	240.0
50°	220.5	222.0	222.0	222.0	223.5	223.5	225.0	225.0	225.0	226.5	225.0
52.5°	207.0	207.0	207.0	208.5	208.5	208.5	210.0	211.5	211.5	211.5	210.0
55°	192.0	192.0	193.5	195.0	195.0	195.0	195.0	196.5	196.5	196.5	196.5
57.5°	177.0	177.0	178.5	180.0	180.0	180.0	180.0	181.5	181.5	181.5	180.0
60°	162.0	162.0	163.5	165.0	165.0	165.0	165.0	166.5	166.5	166.5	166.5
62.5°	147.0	147.0	148.5	150.0	150.0	150.0	150.0	151.5	151.5	151.5	151.5
65°	132.0	132.0	133.5	135.0	135.0	135.0	136.5	136.5	138.0	136.5	138.0
67.5°	117.0	118.5	118.5	120.0	120.0	120.0	121.5	121.5	123.0	123.0	123.0
70°	102.0	103.5	103.5	105.0	105.0	105.0	105.0	106.5	108.0	108.0	108.0
72.5°	87.0	87.0	88.5	90.0	90.0	90.0	91.5	91.5	93.0	93.0	93.0
75°	72.0	73.5	73.5	75.0	75.0	75.0	76.5	76.5	78.0	78.0	78.0
77.5°	57.0	58.5	60.0	61.5	60.0	61.5	61.5	63.0	63.0	63.0	64.5
80°	43.5	45.0	45.0	46.5	46.5	46.5	46.5	48.0	49.5	48.0	49.5
82.5°	30.0	30.0	31.5	33.0	33.0	33.0	33.0	34.5	34.5	34.5	36.0
85°	16.5	18.0	18.0	18.0	19.5	19.5	21.0	21.0	21.0	21.0	22.5
87.5°	4.5	4.5	6.0	7.5	7.5	7.5	7.5	9.0	9.0	9.0	10.5
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°	6.0	6.0	7.5	7.5	9.0	9.0	12.0	13.5	12.0	9.0	12.0
95°	12.0	15.0	18.0	24.0	27.0	28.5	36.0	36.0	31.5	25.5	24.0
97.5°	24.0	30.0	37.5	51.0	57.0	64.5	72.0	69.0	57.0	46.5	43.5
100°	40.5	54.0	76.5	100.5	111.0	120.0	121.5	111.0	93.0	76.5	69.0
102.5°	75.0	106.5	148.5	186.0	190.5	195.0	186.0	165.0	138.0	114.0	99.0
105°	153.0	216.0	267.0	289.5	288.0	283.5	258.0	226.5	192.0	160.5	135.0
107.5°	315.0	375.0	406.5	396.0	382.5	369.0	330.0	294.0	250.5	211.5	184.5
110°	517.5	534.0	522.0	489.0	468.0	450.0	405.0	360.0	312.0	270.0	232.5



TEST NUMBER: P303205

CATALOG NUMBER: CTW-F-7525-30L835-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	663.0	640.5	604.5	562.5	541.5	519.0	472.5	429.0	373.5	330.0	288.0
115°	754.5	717.0	675.0	630.0	607.5	585.0	540.0	490.5	435.0	388.5	346.5
117.5°	819.0	777.0	736.5	693.0	669.0	646.5	600.0	550.5	495.0	453.0	408.0
120°	874.5	835.5	792.0	748.5	726.0	705.0	657.0	607.5	553.5	511.5	465.0
122.5°	924.0	885.0	841.5	799.5	778.5	757.5	709.5	660.0	609.0	568.5	520.5
125°	966.0	930.0	889.5	846.0	826.5	805.5	757.5	711.0	663.0	618.0	576.0
127.5°	1009.5	973.5	934.5	892.5	871.5	849.0	804.0	757.5	712.5	670.5	630.0
130°	1045.5	1009.5	973.5	933.0	912.0	891.0	847.5	802.5	760.5	724.5	681.0
132.5°	1080.0	1045.5	1009.5	967.5	948.0	928.5	889.5	847.5	810.0	771.0	730.5
135°	1111.5	1075.5	1041.0	1000.5	981.0	964.5	925.5	886.5	852.0	814.5	777.0
137.5°	1137.0	1104.0	1066.5	1029.0	1012.5	997.5	960.0	924.0	891.0	856.5	822.0
140°	1161.0	1126.5	1090.5	1056.0	1039.5	1026.0	991.5	960.0	928.5	898.5	864.0
142.5°	1183.5	1147.5	1111.5	1080.0	1066.5	1053.0	1023.0	993.0	963.0	936.0	903.0
145°	1200.0	1165.5	1131.0	1102.5	1092.0	1078.5	1048.5	1023.0	996.0	967.5	939.0
147.5°	1216.5	1183.5	1152.0	1125.0	1114.5	1102.5	1075.5	1053.0	1027.5	1002.0	973.5
150°	1230.0	1197.0	1170.0	1146.0	1135.5	1126.5	1099.5	1080.0	1056.0	1032.0	1008.0
152.5°	1237.5	1209.0	1183.5	1164.0	1155.0	1146.0	1123.5	1107.0	1083.0	1065.0	1039.5
155°	1242.0	1218.0	1195.5	1179.0	1171.5	1165.5	1143.0	1128.0	1108.5	1090.5	1068.0
157.5°	1246.5	1224.0	1204.5	1191.0	1185.0	1177.5	1158.0	1146.0	1129.5	1114.5	1093.5
160°	1248.0	1228.5	1212.0	1200.0	1195.5	1189.5	1173.0	1162.5	1147.5	1134.0	1114.5
162.5°	1248.0	1233.0	1218.0	1209.0	1204.5	1198.5	1185.0	1177.5	1164.0	1152.0	1135.5
165°	1248.0	1234.5	1221.0	1215.0	1210.5	1207.5	1195.5	1188.0	1176.0	1167.0	1153.5
167.5°	1245.0	1233.0	1224.0	1219.5	1216.5	1212.0	1203.0	1197.0	1188.0	1182.0	1168.5
170°	1239.0	1230.0	1221.0	1219.5	1218.0	1215.0	1207.5	1204.5	1198.5	1192.5	1182.0
172.5°	1233.0	1224.0	1218.0	1218.0	1216.5	1215.0	1209.0	1209.0	1204.5	1201.5	1191.0
175°	1221.0	1215.0	1210.5	1212.0	1212.0	1210.5	1207.5	1209.0	1207.5	1206.0	1200.0
177.5°	1209.0	1204.5	1203.0	1206.0	1206.0	1206.0	1204.5	1209.0	1209.0	1210.5	1204.5
180°	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0



TEST NUMBER: P303205

CATALOG NUMBER: CTW-F-7525-30L835-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	411.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0
2.5°	409.5	408.0	408.0	408.0	408.0	409.5	409.5	408.0	411.0	412.5	411.0
5°	408.0	406.5	406.5	406.5	408.0	408.0	408.0	408.0	409.5	411.0	409.5
7.5°	406.5	403.5	403.5	403.5	405.0	405.0	405.0	403.5	406.5	408.0	405.0
10°	400.5	399.0	399.0	399.0	400.5	400.5	400.5	399.0	400.5	402.0	400.5
12.5°	396.0	394.5	394.5	394.5	394.5	396.0	394.5	394.5	396.0	397.5	394.5
15°	388.5	385.5	385.5	385.5	387.0	387.0	387.0	385.5	390.0	388.5	387.0
17.5°	379.5	376.5	376.5	376.5	378.0	378.0	376.5	375.0	378.0	378.0	376.5
20°	370.5	367.5	367.5	367.5	369.0	369.0	369.0	367.5	369.0	369.0	367.5
22.5°	361.5	358.5	358.5	358.5	360.0	360.0	358.5	357.0	360.0	358.5	357.0
25°	351.0	349.5	349.5	349.5	349.5	349.5	348.0	346.5	349.5	348.0	346.5
27.5°	340.5	339.0	339.0	339.0	339.0	339.0	337.5	336.0	337.5	336.0	336.0
30°	330.0	327.0	327.0	328.5	328.5	327.0	325.5	325.5	327.0	325.5	324.0
32.5°	318.0	316.5	315.0	316.5	316.5	316.5	313.5	313.5	313.5	312.0	312.0
35°	306.0	304.5	303.0	304.5	304.5	303.0	301.5	301.5	301.5	300.0	298.5
37.5°	292.5	291.0	291.0	291.0	291.0	291.0	288.0	289.5	289.5	286.5	286.5
40°	279.0	277.5	277.5	279.0	279.0	277.5	276.0	277.5	276.0	274.5	273.0
42.5°	267.0	264.0	265.5	265.5	265.5	264.0	264.0	264.0	262.5	261.0	259.5
45°	252.0	250.5	252.0	252.0	252.0	250.5	250.5	249.0	249.0	247.5	246.0
47.5°	238.5	237.0	238.5	238.5	238.5	235.5	237.0	235.5	235.5	232.5	232.5
50°	223.5	223.5	225.0	223.5	223.5	222.0	222.0	220.5	220.5	219.0	217.5
52.5°	210.0	210.0	210.0	210.0	210.0	208.5	208.5	207.0	207.0	205.5	204.0
55°	195.0	195.0	196.5	196.5	195.0	193.5	193.5	193.5	192.0	190.5	189.0
57.5°	180.0	181.5	181.5	180.0	181.5	180.0	178.5	178.5	177.0	175.5	175.5
60°	166.5	166.5	166.5	166.5	166.5	165.0	165.0	165.0	162.0	160.5	160.5
62.5°	151.5	153.0	151.5	151.5	151.5	150.0	150.0	150.0	148.5	147.0	147.0
65°	138.0	138.0	138.0	136.5	136.5	136.5	136.5	135.0	133.5	132.0	132.0
67.5°	123.0	123.0	123.0	123.0	121.5	121.5	120.0	120.0	118.5	118.5	117.0
70°	108.0	108.0	108.0	108.0	106.5	106.5	106.5	105.0	103.5	103.5	103.5
72.5°	93.0	93.0	93.0	93.0	93.0	91.5	91.5	90.0	90.0	90.0	88.5
75°	78.0	78.0	78.0	78.0	78.0	76.5	76.5	75.0	75.0	75.0	73.5
77.5°	63.0	63.0	63.0	63.0	63.0	63.0	61.5	61.5	61.5	60.0	60.0
80°	49.5	49.5	48.0	49.5	48.0	48.0	48.0	48.0	46.5	46.5	45.0
82.5°	34.5	36.0	34.5	34.5	34.5	34.5	34.5	33.0	33.0	33.0	31.5
85°	22.5	22.5	22.5	21.0	21.0	21.0	19.5	19.5	18.0	19.5	18.0
87.5°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	7.5	9.0	7.5
90°	3.0	4.5	4.5	4.5	6.0	7.5	6.0	7.5	7.5	9.0	9.0
92.5°	18.0	21.0	21.0	21.0	22.5	24.0	22.5	24.0	24.0	24.0	22.5
95°	28.5	33.0	42.0	43.5	46.5	49.5	49.5	48.0	46.5	46.5	45.0
97.5°	40.5	48.0	49.5	52.5	55.5	64.5	69.0	73.5	76.5	76.5	75.0
100°	63.0	61.5	69.0	73.5	70.5	72.0	76.5	85.5	90.0	93.0	96.0
102.5°	90.0	82.5	82.5	85.5	90.0	97.5	91.5	94.5	97.5	102.0	109.5
105°	123.0	111.0	106.5	105.0	106.5	112.5	120.0	117.0	112.5	115.5	118.5
107.5°	162.0	147.0	133.5	130.5	130.5	130.5	136.5	144.0	148.5	144.0	136.5
110°	207.0	184.5	168.0	160.5	157.5	154.5	153.0	160.5	169.5	174.0	175.5



TEST NUMBER: P303205

CATALOG NUMBER: CTW-F-7525-30L835-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	256.5	228.0	207.0	199.5	190.5	181.5	178.5	180.0	183.0	193.5	198.0
115°	312.0	279.0	250.5	241.5	232.5	213.0	205.5	202.5	204.0	207.0	214.5
117.5°	367.5	334.5	300.0	286.5	276.0	255.0	235.5	229.5	226.5	228.0	229.5
120°	427.5	391.5	354.0	337.5	324.0	301.5	274.5	259.5	252.0	250.5	249.0
122.5°	483.0	448.5	415.5	394.5	376.5	348.0	321.0	300.0	286.5	276.0	273.0
125°	537.0	502.5	471.0	454.5	436.5	405.0	372.0	348.0	328.5	312.0	301.5
127.5°	589.5	556.5	523.5	508.5	493.5	459.0	427.5	403.5	378.0	357.0	340.5
130°	640.5	607.5	577.5	564.0	544.5	511.5	481.5	454.5	433.5	411.0	387.0
132.5°	691.5	660.0	631.5	616.5	600.0	565.5	535.5	510.0	484.5	465.0	445.5
135°	738.0	706.5	679.5	667.5	648.0	618.0	589.5	565.5	540.0	517.5	499.5
137.5°	783.0	753.0	726.0	714.0	697.5	669.0	642.0	619.5	592.5	570.0	553.5
140°	825.0	795.0	769.5	757.5	744.0	717.0	690.0	672.0	645.0	624.0	606.0
142.5°	867.0	838.5	813.0	802.5	789.0	763.5	738.0	723.0	699.0	679.5	660.0
145°	904.5	876.0	853.5	844.5	832.5	807.0	784.5	769.5	751.5	732.0	712.5
147.5°	940.5	913.5	892.5	885.0	874.5	852.0	829.5	816.0	802.5	781.5	763.5
150°	976.5	948.0	930.0	922.5	913.5	894.0	873.0	858.0	847.5	826.5	811.5
152.5°	1009.5	985.5	966.0	957.0	949.5	933.0	912.0	897.0	891.0	873.0	856.5
155°	1039.5	1015.5	1000.5	990.0	985.5	967.5	951.0	934.5	931.5	912.0	900.0
157.5°	1065.0	1044.0	1027.5	1021.5	1015.5	1002.0	985.5	972.0	969.0	952.5	939.0
160°	1090.5	1069.5	1057.5	1051.5	1045.5	1030.5	1017.0	1003.5	1003.5	991.5	979.5
162.5°	1111.5	1093.5	1083.0	1078.5	1074.0	1063.5	1048.5	1035.0	1035.0	1026.0	1015.5
165°	1131.0	1114.5	1105.5	1102.5	1096.5	1089.0	1078.5	1065.0	1066.5	1057.5	1048.5
167.5°	1150.5	1134.0	1126.5	1123.5	1120.5	1113.0	1104.0	1092.0	1093.5	1089.0	1078.5
170°	1165.5	1150.5	1144.5	1141.5	1140.0	1134.0	1128.0	1117.5	1119.0	1116.0	1107.0
172.5°	1176.0	1164.0	1161.0	1158.0	1158.0	1153.5	1149.0	1140.0	1141.5	1143.0	1132.5
175°	1185.0	1174.5	1173.0	1171.5	1171.5	1170.0	1167.0	1159.5	1162.5	1165.5	1156.5
177.5°	1192.5	1185.0	1185.0	1185.0	1185.0	1185.0	1183.5	1177.5	1180.5	1186.5	1177.5
180°	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0



TEST NUMBER: P303205

CATALOG NUMBER: CTW-F-7525-30L835-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	411.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0
2.5°	411.0	411.0	411.0	411.0	411.0	408.0	406.5	405.0
5°	409.5	409.5	408.0	408.0	409.5	408.0	406.5	405.0
7.5°	405.0	405.0	405.0	405.0	406.5	405.0	403.5	405.0
10°	400.5	400.5	399.0	399.0	400.5	400.5	399.0	400.5
12.5°	394.5	394.5	393.0	394.5	394.5	394.5	394.5	394.5
15°	387.0	385.5	385.5	385.5	387.0	387.0	387.0	388.5
17.5°	376.5	376.5	375.0	376.5	378.0	376.5	375.0	375.0
20°	367.5	366.0	366.0	366.0	367.5	366.0	366.0	366.0
22.5°	357.0	355.5	355.5	355.5	357.0	355.5	354.0	354.0
25°	345.0	345.0	345.0	345.0	345.0	343.5	342.0	342.0
27.5°	334.5	334.5	333.0	334.5	333.0	331.5	330.0	330.0
30°	322.5	322.5	321.0	322.5	321.0	319.5	318.0	318.0
32.5°	310.5	309.0	309.0	310.5	309.0	307.5	306.0	306.0
35°	297.0	297.0	297.0	297.0	295.5	294.0	292.5	291.0
37.5°	285.0	283.5	283.5	283.5	282.0	280.5	280.5	280.5
40°	271.5	270.0	270.0	271.5	268.5	267.0	267.0	267.0
42.5°	258.0	258.0	256.5	256.5	255.0	253.5	252.0	252.0
45°	243.0	244.5	243.0	243.0	241.5	240.0	238.5	240.0
47.5°	229.5	229.5	229.5	229.5	228.0	226.5	225.0	226.5
50°	216.0	216.0	216.0	216.0	213.0	213.0	211.5	211.5
52.5°	202.5	202.5	201.0	201.0	199.5	199.5	198.0	198.0
55°	187.5	187.5	187.5	187.5	186.0	184.5	184.5	184.5
57.5°	174.0	174.0	172.5	172.5	171.0	171.0	169.5	171.0
60°	159.0	159.0	159.0	159.0	157.5	157.5	156.0	156.0
62.5°	145.5	144.0	144.0	144.0	142.5	142.5	142.5	142.5
65°	130.5	130.5	129.0	130.5	129.0	129.0	127.5	127.5
67.5°	117.0	115.5	115.5	115.5	115.5	114.0	114.0	114.0
70°	102.0	100.5	100.5	100.5	100.5	100.5	99.0	100.5
72.5°	87.0	87.0	87.0	87.0	85.5	85.5	85.5	85.5
75°	73.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0
77.5°	60.0	58.5	58.5	58.5	58.5	57.0	57.0	57.0
80°	45.0	45.0	45.0	43.5	43.5	43.5	43.5	43.5
82.5°	30.0	30.0	30.0	30.0	30.0	30.0	30.0	28.5
85°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
87.5°	7.5	7.5	7.5	7.5	9.0	9.0	9.0	9.0
90°	9.0	9.0	10.5	10.5	10.5	10.5	12.0	12.0
92.5°	24.0	24.0	25.5	25.5	24.0	24.0	25.5	25.5
95°	46.5	46.5	46.5	46.5	45.0	45.0	46.5	46.5
97.5°	75.0	73.5	75.0	73.5	72.0	72.0	72.0	70.5
100°	99.0	99.0	100.5	100.5	100.5	100.5	102.0	100.5
102.5°	112.5	114.0	115.5	115.5	117.0	118.5	118.5	118.5
105°	121.5	123.0	126.0	127.5	132.0	133.5	135.0	135.0
107.5°	139.5	139.5	141.0	142.5	142.5	144.0	145.5	145.5
110°	172.5	166.5	165.0	165.0	162.0	162.0	163.5	165.0



TEST NUMBER: P303205

CATALOG NUMBER: CTW-F-7525-30L835-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	202.5	204.0	204.0	205.5	199.5	196.5	198.0	198.0
115°	222.0	225.0	225.0	228.0	228.0	229.5	232.5	232.5
117.5°	235.5	240.0	241.5	243.0	247.5	249.0	252.0	252.0
120°	252.0	255.0	256.5	258.0	259.5	261.0	262.5	264.0
122.5°	273.0	271.5	273.0	273.0	274.5	276.0	276.0	277.5
125°	297.0	295.5	294.0	295.5	292.5	291.0	291.0	292.5
127.5°	330.0	324.0	321.0	318.0	316.5	315.0	313.5	312.0
130°	372.0	363.0	357.0	355.5	348.0	343.5	340.5	342.0
132.5°	427.5	414.0	408.0	405.0	391.5	384.0	381.0	381.0
135°	483.0	468.0	462.0	454.5	445.5	438.0	430.5	430.5
137.5°	535.5	525.0	517.5	510.0	501.0	493.5	486.0	484.5
140°	588.0	576.0	568.5	562.5	555.0	547.5	540.0	544.5
142.5°	642.0	628.5	621.0	619.5	609.0	601.5	597.0	598.5
145°	694.5	681.0	675.0	672.0	663.0	654.0	649.5	646.5
147.5°	747.0	735.0	729.0	726.0	717.0	708.0	703.5	702.0
150°	796.5	786.0	780.0	775.5	769.5	762.0	753.0	753.0
152.5°	844.5	834.0	826.5	826.5	820.5	811.5	802.5	807.0
155°	888.0	879.0	874.5	873.0	867.0	859.5	852.0	855.0
157.5°	930.0	919.5	916.5	913.5	910.5	904.5	897.0	900.0
160°	970.5	961.5	958.5	955.5	952.5	946.5	939.0	940.5
162.5°	1009.5	1003.5	997.5	996.0	994.5	987.0	979.5	981.0
165°	1042.5	1036.5	1032.0	1030.5	1030.5	1024.5	1017.0	1018.5
167.5°	1074.0	1066.5	1063.5	1060.5	1062.0	1057.5	1051.5	1054.5
170°	1102.5	1098.0	1095.0	1093.5	1095.0	1089.0	1084.5	1086.0
172.5°	1129.5	1126.5	1123.5	1122.0	1125.0	1120.5	1114.5	1116.0
175°	1153.5	1150.5	1149.0	1147.5	1149.0	1143.0	1140.0	1141.5
177.5°	1176.0	1174.5	1173.0	1171.5	1174.5	1167.0	1161.0	1164.0
180°	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0

(END OF REPORT)