

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: P303052

Luminaire Tested: **CTW-F-2575-20L835-UNV-STD-6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303052
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-3)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: CTW-F-2575-20L835-UNV-STD-6
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 2000 LUMEN PACKAGE
Light Source: 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

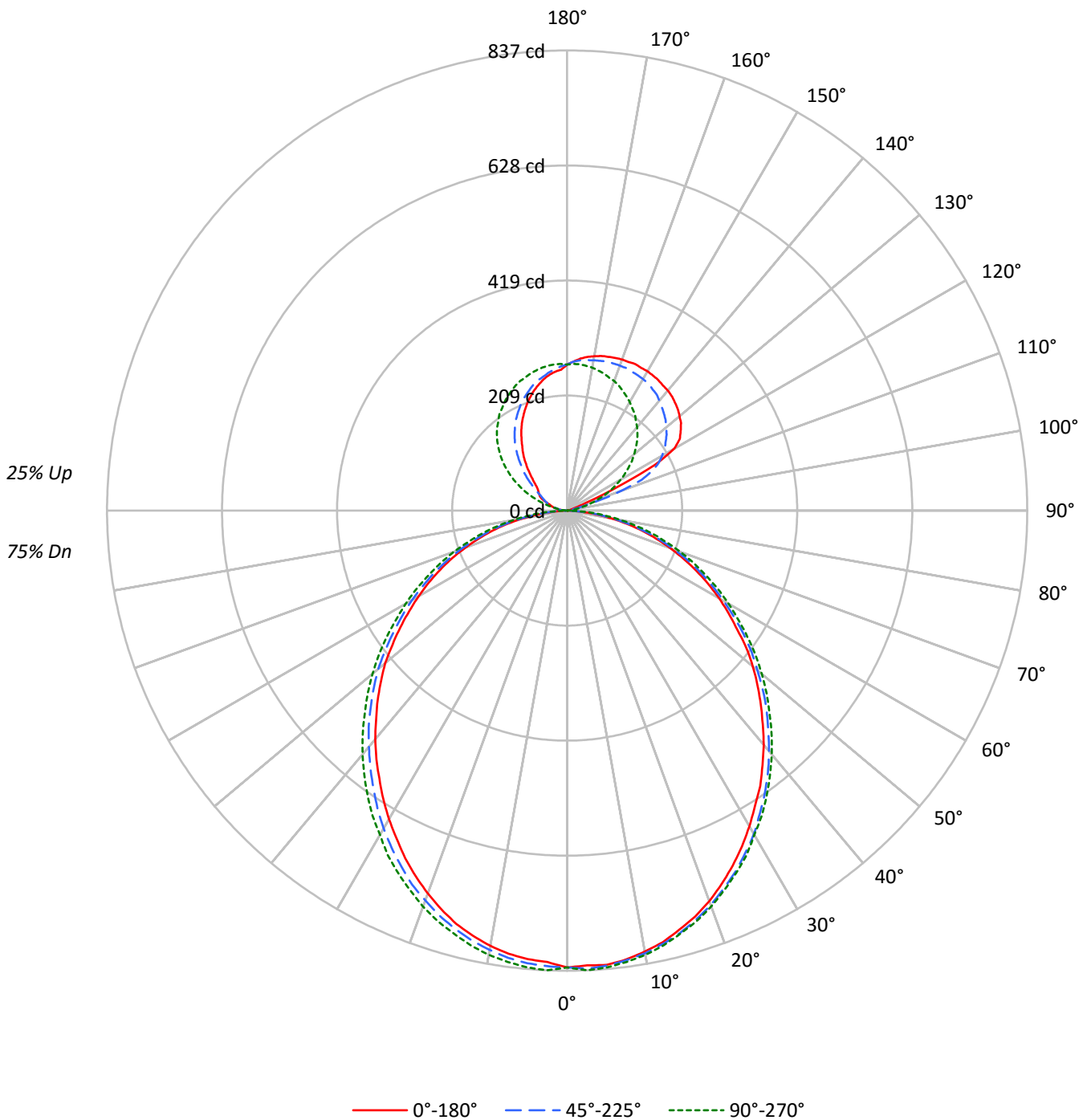
Lumens per Lamp: N/A
Luminaire Lumens: 2967.7 lumens
Efficiency: N/A
Efficacy: 117.8 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32
Luminous Opening: Rectangular (W 6' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 25.2
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	107	107	107	107	97	97	97	88	88	88	79	79	79	75
1	103	99	94	91	98	94	90	87	85	82	80	77	75	73	69	68	66	63
2	94	86	79	74	89	82	76	71	74	70	66	67	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	40	36	43	38	33	39	35	31	29
7	61	49	40	34	58	47	39	33	43	36	31	39	34	30	36	31	28	25
8	57	44	36	31	54	42	35	30	39	33	28	36	30	26	33	28	25	23
9	53	41	33	27	51	39	32	27	36	30	25	33	28	24	30	26	22	20
10	50	37	30	25	47	36	29	24	33	27	23	31	25	22	28	24	20	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	11926	11926	11926
5°	11950	12015	11799
10°	11870	11957	11717
15°	11723	11835	11567
20°	11546	11707	11317
25°	11283	11520	11045
30°	10987	11286	10739
35°	10722	11090	10433
40°	10426	10848	10173
45°	10108	10564	9895
50°	9846	10315	9646
55°	9458	10021	9271
60°	9171	9731	8956
65°	8812	9424	8660
70°	8371	9190	8246
75°	7819	8817	7735
80°	6695	8182	6695
85°	4446	7163	4446



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.4	2.6
10°-20°	222.1	7.5
20°-30°	329.1	11.1
30°-40°	386.1	13.0
40°-50°	391.3	13.2
50°-60°	347.2	11.7
60°-70°	264.7	8.9
70°-80°	156.6	5.3
80°-90°	41.3	1.4
90°-100°	7.7	0.3
100°-110°	33.2	1.1
110°-120°	92.3	3.1
120°-130°	132.0	4.4
130°-140°	142.0	4.8
140°-150°	134.9	4.5
150°-160°	110.8	3.7
160°-170°	72.6	2.4
170°-180°	25.2	0.8
0°-30°	629.6	21.2
0°-40°	1015.7	34.2
0°-60°	1754.2	59.1
0°-90°	2216.9	74.7
90°-120°	133.2	4.5
90°-150°	542.1	18.3
90°-180°	751.0	25.3
0°-180°	2967.7	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	831	831	831	831	831	
5°	830	831	834	826	819	79
15°	789	795	796	788	778	223
25°	712	724	728	714	698	328
35°	612	627	633	615	596	382
45°	498	513	520	506	488	385
55°	378	392	400	386	370	339
65°	260	268	278	266	255	257
75°	141	147	159	147	140	148
85°	27	33	44	33	27	33
90°	0	0	0	2	3	1
95°	2	3	6	10	9	2
105°	9	26	36	26	28	10
115°	96	171	87	46	51	106
125°	252	219	136	75	64	224
135°	278	249	180	120	96	214
145°	290	270	214	166	142	181
155°	294	279	240	206	189	136
165°	290	280	258	237	228	82
175°	278	274	267	258	254	27
180°	266	266	266	266	266	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	831.0	831.0	831.0	831.0	831.0	831.0	831.0	831.0	831.0	831.0	831.0
2.5°	828.0	828.0	828.0	829.5	831.0	831.0	831.0	829.5	831.0	835.5	834.0
5°	829.5	828.0	828.0	826.5	828.0	828.0	828.0	826.5	828.0	832.5	831.0
7.5°	823.5	823.5	823.5	822.0	823.5	822.0	822.0	820.5	823.5	826.5	825.0
10°	814.5	813.0	813.0	813.0	814.5	814.5	813.0	813.0	814.5	819.0	817.5
12.5°	804.0	804.0	804.0	802.5	804.0	804.0	804.0	802.5	804.0	808.5	807.0
15°	789.0	790.5	790.5	789.0	792.0	792.0	790.5	790.5	792.0	795.0	795.0
17.5°	774.0	774.0	774.0	774.0	777.0	775.5	775.5	775.5	777.0	780.0	780.0
20°	756.0	756.0	756.0	754.5	757.5	757.5	757.5	757.5	759.0	763.5	763.5
22.5°	735.0	735.0	735.0	735.0	736.5	736.5	736.5	736.5	738.0	742.5	744.0
25°	712.5	712.5	712.5	712.5	714.0	714.0	714.0	715.5	717.0	721.5	724.5
27.5°	688.5	690.0	690.0	690.0	690.0	691.5	691.5	693.0	694.5	697.5	702.0
30°	663.0	663.0	664.5	664.5	666.0	666.0	666.0	667.5	670.5	673.5	679.5
32.5°	636.0	637.5	639.0	639.0	640.5	640.5	642.0	642.0	645.0	646.5	652.5
35°	612.0	612.0	610.5	613.5	613.5	613.5	615.0	616.5	616.5	619.5	627.0
37.5°	583.5	585.0	583.5	586.5	588.0	586.5	588.0	589.5	591.0	592.5	600.0
40°	556.5	556.5	556.5	558.0	559.5	559.5	559.5	561.0	564.0	567.0	571.5
42.5°	526.5	528.0	528.0	529.5	531.0	529.5	531.0	534.0	535.5	538.5	541.5
45°	498.0	499.5	498.0	501.0	502.5	502.5	502.5	505.5	507.0	508.5	513.0
47.5°	469.5	471.0	469.5	471.0	474.0	474.0	474.0	475.5	478.5	480.0	483.0
50°	441.0	441.0	441.0	442.5	444.0	445.5	445.5	445.5	448.5	450.0	451.5
52.5°	411.0	411.0	411.0	414.0	414.0	414.0	415.5	417.0	418.5	421.5	423.0
55°	378.0	378.0	378.0	379.5	381.0	381.0	382.5	384.0	385.5	387.0	391.5
57.5°	348.0	349.5	348.0	349.5	351.0	351.0	354.0	354.0	355.5	357.0	360.0
60°	319.5	319.5	319.5	319.5	321.0	321.0	321.0	322.5	325.5	327.0	328.5
62.5°	289.5	289.5	289.5	291.0	291.0	291.0	292.5	294.0	295.5	297.0	298.5
65°	259.5	259.5	259.5	261.0	261.0	261.0	261.0	264.0	265.5	267.0	268.5
67.5°	229.5	229.5	229.5	231.0	231.0	231.0	232.5	234.0	235.5	237.0	238.5
70°	199.5	201.0	199.5	201.0	201.0	201.0	202.5	204.0	204.0	207.0	207.0
72.5°	169.5	169.5	169.5	171.0	171.0	172.5	172.5	174.0	174.0	175.5	177.0
75°	141.0	139.5	141.0	142.5	141.0	141.0	142.5	144.0	145.5	147.0	147.0
77.5°	111.0	111.0	111.0	112.5	114.0	112.5	114.0	115.5	115.5	118.5	117.0
80°	81.0	81.0	82.5	84.0	84.0	84.0	84.0	85.5	87.0	88.5	88.5
82.5°	52.5	54.0	54.0	55.5	55.5	55.5	57.0	57.0	58.5	60.0	60.0
85°	27.0	28.5	27.0	28.5	28.5	30.0	30.0	30.0	31.5	33.0	33.0
87.5°	6.0	4.5	4.5	6.0	4.5	6.0	6.0	6.0	6.0	7.5	10.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
95°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3.0	3.0	3.0
97.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.5	4.5
100°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	6.0	6.0	6.0	7.5
102.5°	6.0	6.0	6.0	6.0	7.5	7.5	7.5	7.5	9.0	10.5	12.0
105°	9.0	9.0	9.0	9.0	9.0	9.0	10.5	12.0	13.5	18.0	25.5
107.5°	12.0	12.0	12.0	13.5	13.5	15.0	15.0	19.5	27.0	37.5	57.0
110°	18.0	19.5	19.5	22.5	25.5	28.5	31.5	43.5	60.0	84.0	103.5



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	37.5	40.5	42.0	51.0	63.0	70.5	76.5	99.0	123.0	138.0	147.0
115°	96.0	100.5	106.5	120.0	136.5	144.0	150.0	163.5	172.5	174.0	171.0
117.5°	180.0	181.5	184.5	192.0	196.5	198.0	198.0	199.5	198.0	193.5	187.5
120°	225.0	225.0	223.5	223.5	222.0	222.0	220.5	216.0	211.5	207.0	199.5
122.5°	243.0	241.5	240.0	238.5	237.0	234.0	232.5	228.0	223.5	217.5	210.0
125°	252.0	252.0	250.5	249.0	246.0	244.5	241.5	237.0	232.5	226.5	219.0
127.5°	261.0	259.5	258.0	256.5	253.5	252.0	250.5	246.0	240.0	234.0	228.0
130°	267.0	267.0	265.5	264.0	261.0	259.5	256.5	253.5	247.5	241.5	235.5
132.5°	273.0	273.0	271.5	270.0	267.0	265.5	264.0	259.5	253.5	249.0	243.0
135°	277.5	277.5	276.0	274.5	271.5	270.0	268.5	265.5	259.5	255.0	249.0
137.5°	282.0	280.5	279.0	279.0	276.0	274.5	273.0	270.0	264.0	259.5	255.0
140°	285.0	283.5	283.5	282.0	279.0	279.0	277.5	273.0	270.0	265.5	261.0
142.5°	286.5	286.5	286.5	285.0	282.0	282.0	280.5	277.5	273.0	270.0	267.0
145°	289.5	288.0	288.0	286.5	285.0	285.0	283.5	280.5	276.0	273.0	270.0
147.5°	291.0	291.0	289.5	289.5	288.0	286.5	286.5	283.5	279.0	276.0	274.5
150°	292.5	292.5	291.0	291.0	289.5	288.0	288.0	285.0	280.5	279.0	276.0
152.5°	292.5	292.5	292.5	291.0	291.0	289.5	288.0	285.0	283.5	280.5	277.5
155°	294.0	294.0	292.5	292.5	291.0	289.5	288.0	286.5	283.5	282.0	279.0
157.5°	292.5	294.0	292.5	291.0	291.0	289.5	288.0	286.5	283.5	283.5	280.5
160°	292.5	292.5	292.5	291.0	291.0	289.5	288.0	286.5	285.0	283.5	280.5
162.5°	291.0	291.0	291.0	291.0	289.5	289.5	288.0	285.0	283.5	283.5	280.5
165°	289.5	291.0	289.5	289.5	288.0	288.0	286.5	285.0	283.5	283.5	280.5
167.5°	288.0	288.0	286.5	286.5	285.0	285.0	283.5	282.0	282.0	282.0	279.0
170°	285.0	285.0	283.5	283.5	283.5	282.0	282.0	280.5	280.5	280.5	277.5
172.5°	282.0	282.0	280.5	280.5	280.5	279.0	279.0	277.5	277.5	277.5	276.0
175°	277.5	277.5	276.0	276.0	276.0	276.0	276.0	274.5	274.5	276.0	274.5
177.5°	271.5	270.0	271.5	271.5	271.5	271.5	271.5	270.0	271.5	271.5	271.5
180°	265.5	265.5	265.5	265.5	265.5	265.5	265.5	265.5	265.5	265.5	265.5



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	831.0	831.0	831.0	831.0	831.0	831.0	831.0	831.0	831.0	831.0	831.0
2.5°	828.0	826.5	825.0	828.0	829.5	831.0	832.5	835.5	837.0	837.0	835.5
5°	825.0	823.5	822.0	825.0	826.5	826.5	828.0	832.5	832.5	834.0	832.5
7.5°	819.0	817.5	817.5	819.0	820.5	822.0	823.5	826.5	828.0	828.0	826.5
10°	811.5	810.0	810.0	811.5	813.0	814.5	814.5	817.5	819.0	820.5	819.0
12.5°	802.5	799.5	799.5	801.0	802.5	804.0	805.5	808.5	810.0	810.0	808.5
15°	789.0	786.0	786.0	789.0	790.5	792.0	792.0	795.0	796.5	796.5	796.5
17.5°	775.5	772.5	772.5	774.0	775.5	777.0	777.0	781.5	781.5	783.0	781.5
20°	759.0	756.0	756.0	757.5	759.0	760.5	760.5	763.5	765.0	766.5	765.0
22.5°	739.5	738.0	738.0	739.5	741.0	742.5	742.5	745.5	747.0	747.0	747.0
25°	720.0	717.0	717.0	718.5	720.0	721.5	723.0	726.0	727.5	727.5	726.0
27.5°	699.0	696.0	694.5	696.0	699.0	700.5	702.0	705.0	706.5	706.5	705.0
30°	676.5	672.0	670.5	673.5	676.5	678.0	678.0	681.0	682.5	681.0	681.0
32.5°	651.0	649.5	646.5	648.0	651.0	652.5	654.0	657.0	658.5	658.5	655.5
35°	627.0	624.0	622.5	622.5	625.5	627.0	628.5	630.0	631.5	633.0	631.5
37.5°	601.5	598.5	597.0	598.5	600.0	601.5	603.0	604.5	606.0	606.0	604.5
40°	574.5	571.5	570.0	571.5	571.5	573.0	576.0	577.5	580.5	579.0	576.0
42.5°	546.0	543.0	543.0	541.5	544.5	547.5	547.5	549.0	552.0	550.5	549.0
45°	517.5	516.0	514.5	516.0	514.5	517.5	520.5	520.5	522.0	520.5	520.5
47.5°	487.5	486.0	486.0	487.5	487.5	487.5	490.5	492.0	492.0	492.0	492.0
50°	457.5	456.0	457.5	459.0	459.0	459.0	460.5	462.0	462.0	462.0	460.5
52.5°	426.0	429.0	427.5	429.0	429.0	430.5	432.0	432.0	433.5	432.0	430.5
55°	393.0	396.0	397.5	399.0	400.5	399.0	400.5	402.0	403.5	400.5	400.5
57.5°	361.5	363.0	364.5	366.0	367.5	366.0	367.5	369.0	367.5	369.0	367.5
60°	331.5	333.0	333.0	336.0	337.5	336.0	337.5	339.0	339.0	339.0	337.5
62.5°	303.0	303.0	303.0	307.5	306.0	306.0	307.5	309.0	309.0	309.0	307.5
65°	271.5	273.0	273.0	274.5	276.0	276.0	276.0	277.5	279.0	277.5	277.5
67.5°	238.5	243.0	241.5	243.0	244.5	246.0	247.5	247.5	247.5	249.0	247.5
70°	210.0	211.5	211.5	214.5	216.0	216.0	217.5	217.5	219.0	219.0	217.5
72.5°	180.0	181.5	183.0	184.5	184.5	186.0	186.0	186.0	189.0	187.5	187.5
75°	150.0	151.5	153.0	154.5	154.5	156.0	156.0	156.0	157.5	159.0	157.5
77.5°	120.0	121.5	123.0	124.5	124.5	126.0	127.5	126.0	127.5	129.0	127.5
80°	91.5	93.0	93.0	94.5	96.0	96.0	97.5	97.5	97.5	99.0	97.5
82.5°	63.0	64.5	64.5	67.5	67.5	69.0	69.0	69.0	69.0	70.5	69.0
85°	36.0	37.5	37.5	39.0	40.5	40.5	42.0	42.0	42.0	43.5	42.0
87.5°	10.5	12.0	12.0	13.5	15.0	15.0	16.5	16.5	16.5	18.0	18.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
92.5°	1.5	1.5	1.5	1.5	1.5	3.0	3.0	3.0	3.0	1.5	3.0
95°	3.0	3.0	4.5	6.0	6.0	7.5	9.0	9.0	7.5	6.0	6.0
97.5°	4.5	6.0	9.0	13.5	15.0	16.5	18.0	16.5	13.5	10.5	10.5
100°	9.0	13.5	19.5	25.5	28.5	30.0	30.0	25.5	21.0	18.0	15.0
102.5°	18.0	27.0	37.5	45.0	46.5	46.5	43.5	37.5	31.5	25.5	22.5
105°	37.5	54.0	64.5	67.5	66.0	64.5	58.5	51.0	43.5	36.0	31.5
107.5°	75.0	90.0	91.5	88.5	85.5	82.5	73.5	64.5	55.5	48.0	42.0
110°	115.5	118.5	115.5	106.5	103.5	97.5	88.5	79.5	69.0	60.0	54.0



TEST NUMBER: P303052

CATALOG NUMBER: CTW-F-2575-20L835-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	145.5	139.5	132.0	123.0	118.5	114.0	103.5	94.5	82.5	73.5	66.0
115°	165.0	156.0	147.0	138.0	132.0	127.5	117.0	108.0	96.0	87.0	78.0
117.5°	178.5	169.5	160.5	151.5	145.5	141.0	132.0	120.0	109.5	99.0	91.5
120°	190.5	183.0	172.5	163.5	159.0	154.5	144.0	133.5	121.5	112.5	103.5
122.5°	202.5	193.5	184.5	175.5	171.0	166.5	156.0	144.0	135.0	124.5	115.5
125°	211.5	204.0	195.0	186.0	181.5	177.0	166.5	156.0	145.5	136.5	127.5
127.5°	220.5	213.0	204.0	195.0	190.5	186.0	175.5	166.5	157.5	148.5	139.5
130°	229.5	222.0	213.0	204.0	199.5	195.0	186.0	177.0	168.0	159.0	150.0
132.5°	238.5	229.5	222.0	213.0	208.5	204.0	195.0	186.0	178.5	169.5	162.0
135°	244.5	237.0	228.0	220.5	216.0	211.5	204.0	195.0	187.5	180.0	172.5
137.5°	250.5	243.0	234.0	226.5	222.0	219.0	211.5	204.0	196.5	189.0	181.5
140°	255.0	247.5	240.0	232.5	228.0	226.5	219.0	211.5	205.5	198.0	190.5
142.5°	259.5	252.0	244.5	237.0	234.0	232.5	225.0	219.0	213.0	205.5	199.5
145°	264.0	256.5	249.0	243.0	240.0	237.0	231.0	225.0	220.5	214.5	207.0
147.5°	267.0	259.5	253.5	247.5	244.5	243.0	237.0	232.5	226.5	220.5	214.5
150°	270.0	262.5	258.0	252.0	250.5	247.5	241.5	237.0	232.5	228.0	222.0
152.5°	273.0	265.5	261.0	256.5	255.0	252.0	247.5	243.0	240.0	234.0	229.5
155°	273.0	268.5	264.0	259.5	258.0	256.5	252.0	249.0	244.5	240.0	235.5
157.5°	274.5	270.0	265.5	262.5	261.0	259.5	255.0	253.5	249.0	246.0	240.0
160°	276.0	271.5	267.0	265.5	264.0	262.5	259.5	256.5	253.5	250.5	246.0
162.5°	276.0	273.0	268.5	267.0	265.5	265.5	261.0	259.5	256.5	253.5	250.5
165°	276.0	273.0	270.0	268.5	268.5	267.0	264.0	262.5	259.5	258.0	255.0
167.5°	276.0	273.0	271.5	270.0	270.0	268.5	265.5	265.5	262.5	261.0	258.0
170°	274.5	273.0	271.5	270.0	270.0	270.0	267.0	267.0	265.5	264.0	261.0
172.5°	273.0	271.5	270.0	270.0	270.0	268.5	267.0	267.0	267.0	265.5	264.0
175°	271.5	270.0	268.5	268.5	268.5	268.5	267.0	267.0	267.0	267.0	265.5
177.5°	268.5	267.0	267.0	267.0	267.0	267.0	267.0	267.0	267.0	267.0	267.0
180°	265.5	265.5	265.5	265.5	265.5	265.5	265.5	265.5	265.5	265.5	265.5



TEST NUMBER: P303052

CATALOG NUMBER: CTW-F-2575-20L835-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	831.0	831.0	831.0	831.0	831.0	831.0	831.0	831.0	831.0	831.0	831.0
2.5°	831.0	826.5	826.5	826.5	828.0	829.5	829.5	826.5	829.5	834.0	829.5
5°	826.5	822.0	822.0	823.5	823.5	825.0	825.0	822.0	826.5	829.5	825.0
7.5°	822.0	817.5	816.0	817.5	817.5	820.5	819.0	816.0	820.5	822.0	819.0
10°	813.0	808.5	808.5	808.5	810.0	811.5	810.0	807.0	811.5	813.0	810.0
12.5°	802.5	796.5	798.0	798.0	799.5	799.5	798.0	796.5	801.0	802.5	798.0
15°	789.0	784.5	784.5	784.5	786.0	787.5	786.0	783.0	787.5	787.5	783.0
17.5°	774.0	771.0	769.5	769.5	771.0	772.5	771.0	766.5	772.5	772.5	769.5
20°	757.5	754.5	753.0	753.0	754.5	754.5	753.0	750.0	754.5	754.5	750.0
22.5°	739.5	735.0	733.5	735.0	736.5	735.0	733.5	730.5	736.5	733.5	730.5
25°	718.5	717.0	714.0	715.5	715.5	715.5	712.5	711.0	714.0	711.0	708.0
27.5°	699.0	694.5	693.0	694.5	693.0	693.0	690.0	688.5	691.5	688.5	685.5
30°	675.0	670.5	670.5	670.5	670.5	669.0	666.0	666.0	667.5	666.0	661.5
32.5°	651.0	646.5	645.0	648.0	646.5	645.0	642.0	642.0	642.0	639.0	634.5
35°	625.5	621.0	621.0	622.5	621.0	619.5	616.5	616.5	615.0	612.0	609.0
37.5°	598.5	595.5	594.0	597.0	595.5	594.0	589.5	591.0	588.0	586.5	583.5
40°	571.5	568.5	567.0	570.0	570.0	565.5	564.0	564.0	561.0	558.0	555.0
42.5°	543.0	540.0	541.5	543.0	543.0	537.0	537.0	535.5	534.0	531.0	528.0
45°	516.0	513.0	513.0	516.0	514.5	510.0	510.0	507.0	505.5	502.5	498.0
47.5°	487.5	484.5	486.0	486.0	486.0	481.5	481.5	478.5	477.0	474.0	471.0
50°	457.5	456.0	457.5	456.0	457.5	453.0	453.0	450.0	448.5	445.5	441.0
52.5°	427.5	427.5	427.5	429.0	427.5	423.0	423.0	420.0	417.0	415.5	412.5
55°	396.0	397.5	397.5	397.5	397.5	391.5	390.0	387.0	385.5	382.5	379.5
57.5°	364.5	366.0	364.5	364.5	364.5	361.5	360.0	358.5	355.5	352.5	351.0
60°	336.0	336.0	334.5	334.5	334.5	331.5	330.0	328.5	325.5	322.5	322.5
62.5°	306.0	306.0	304.5	304.5	303.0	301.5	300.0	298.5	295.5	294.0	292.5
65°	276.0	276.0	274.5	273.0	273.0	271.5	270.0	267.0	265.5	262.5	262.5
67.5°	247.5	246.0	244.5	244.5	244.5	241.5	240.0	237.0	235.5	234.0	234.0
70°	217.5	216.0	214.5	214.5	214.5	211.5	210.0	207.0	205.5	204.0	204.0
72.5°	187.5	186.0	186.0	184.5	183.0	181.5	180.0	178.5	175.5	175.5	174.0
75°	157.5	156.0	154.5	154.5	153.0	151.5	150.0	147.0	147.0	147.0	145.5
77.5°	127.5	126.0	126.0	124.5	124.5	121.5	120.0	121.5	117.0	117.0	115.5
80°	97.5	96.0	97.5	94.5	94.5	93.0	91.5	91.5	88.5	88.5	87.0
82.5°	69.0	67.5	69.0	67.5	66.0	64.5	64.5	63.0	60.0	60.0	58.5
85°	42.0	40.5	42.0	40.5	39.0	37.5	36.0	36.0	33.0	31.5	31.5
87.5°	18.0	15.0	15.0	13.5	13.5	12.0	12.0	12.0	9.0	9.0	7.5
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°	3.0	4.5	4.5	4.5	6.0	6.0	6.0	4.5	4.5	4.5	4.5
95°	6.0	7.5	9.0	9.0	9.0	10.5	10.5	10.5	10.5	9.0	9.0
97.5°	9.0	10.5	10.5	12.0	12.0	13.5	15.0	15.0	15.0	15.0	15.0
100°	15.0	13.5	15.0	16.5	16.5	16.5	16.5	18.0	18.0	19.5	19.5
102.5°	21.0	19.5	19.5	19.5	19.5	21.0	21.0	21.0	21.0	22.5	22.5
105°	28.5	25.5	24.0	24.0	24.0	25.5	27.0	27.0	25.5	25.5	25.5
107.5°	37.5	33.0	30.0	30.0	30.0	30.0	30.0	31.5	33.0	31.5	31.5
110°	48.0	42.0	39.0	37.5	36.0	34.5	34.5	36.0	37.5	39.0	39.0



TEST NUMBER: P303052

CATALOG NUMBER: CTW-F-2575-20L835-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	58.5	52.5	48.0	46.5	43.5	42.0	40.5	40.5	42.0	43.5	43.5
115°	70.5	64.5	57.0	55.5	52.5	49.5	46.5	46.5	46.5	46.5	48.0
117.5°	82.5	75.0	69.0	66.0	63.0	58.5	54.0	52.5	51.0	51.0	52.5
120°	94.5	88.5	79.5	76.5	73.5	69.0	63.0	60.0	57.0	57.0	57.0
122.5°	106.5	100.5	93.0	88.5	85.5	79.5	73.5	69.0	66.0	63.0	61.5
125°	118.5	112.5	105.0	100.5	97.5	90.0	84.0	79.5	75.0	72.0	69.0
127.5°	130.5	123.0	117.0	114.0	109.5	102.0	96.0	91.5	85.5	81.0	78.0
130°	141.0	135.0	129.0	124.5	121.5	114.0	108.0	102.0	97.5	93.0	88.5
132.5°	153.0	145.5	139.5	136.5	133.5	126.0	120.0	114.0	109.5	105.0	100.5
135°	163.5	156.0	150.0	147.0	144.0	138.0	130.5	126.0	120.0	117.0	112.5
137.5°	172.5	166.5	160.5	157.5	154.5	148.5	142.5	138.0	132.0	127.5	123.0
140°	183.0	175.5	171.0	168.0	165.0	159.0	154.5	150.0	144.0	139.5	135.0
142.5°	192.0	186.0	180.0	177.0	175.5	169.5	163.5	160.5	156.0	151.5	147.0
145°	199.5	193.5	189.0	186.0	183.0	178.5	174.0	171.0	166.5	162.0	157.5
147.5°	207.0	201.0	196.5	195.0	192.0	187.5	183.0	180.0	177.0	174.0	169.5
150°	214.5	208.5	205.5	204.0	201.0	198.0	192.0	190.5	187.5	183.0	180.0
152.5°	222.0	217.5	213.0	211.5	210.0	205.5	201.0	198.0	196.5	192.0	189.0
155°	229.5	223.5	220.5	219.0	217.5	214.5	210.0	207.0	205.5	202.5	199.5
157.5°	234.0	229.5	226.5	225.0	223.5	220.5	217.5	214.5	214.5	210.0	208.5
160°	240.0	235.5	232.5	231.0	231.0	228.0	225.0	222.0	222.0	219.0	217.5
162.5°	244.5	241.5	238.5	238.5	237.0	234.0	232.5	229.5	229.5	228.0	225.0
165°	250.5	246.0	244.5	243.0	243.0	241.5	238.5	235.5	237.0	235.5	232.5
167.5°	253.5	250.5	249.0	249.0	247.5	246.0	244.5	241.5	243.0	241.5	240.0
170°	258.0	253.5	253.5	252.0	252.0	252.0	250.5	247.5	247.5	247.5	246.0
172.5°	259.5	256.5	256.5	256.5	256.5	255.0	255.0	252.0	253.5	253.5	252.0
175°	262.5	259.5	259.5	259.5	259.5	259.5	258.0	256.5	258.0	258.0	256.5
177.5°	264.0	262.5	262.5	262.5	262.5	262.5	262.5	261.0	262.5	264.0	261.0
180°	265.5	265.5	265.5	265.5	265.5	265.5	265.5	265.5	265.5	265.5	265.5



TEST NUMBER: P303052

CATALOG NUMBER: CTW-F-2575-20L835-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	831.0	831.0	831.0	831.0	831.0	831.0	831.0	831.0
2.5°	829.5	829.5	828.0	828.0	829.5	825.0	822.0	822.0
5°	825.0	823.5	823.5	823.5	825.0	822.0	819.0	819.0
7.5°	819.0	817.5	816.0	817.5	819.0	816.0	813.0	813.0
10°	810.0	808.5	807.0	807.0	808.5	805.5	804.0	804.0
12.5°	798.0	795.0	793.5	795.0	796.5	793.5	792.0	792.0
15°	783.0	781.5	781.5	781.5	783.0	780.0	777.0	778.5
17.5°	768.0	766.5	765.0	766.5	766.5	763.5	760.5	760.5
20°	748.5	747.0	745.5	747.0	747.0	744.0	741.0	741.0
22.5°	727.5	726.0	724.5	726.0	726.0	723.0	720.0	720.0
25°	705.0	702.0	702.0	703.5	702.0	700.5	697.5	697.5
27.5°	682.5	679.5	679.5	681.0	679.5	675.0	673.5	672.0
30°	658.5	654.0	654.0	655.5	654.0	649.5	648.0	648.0
32.5°	631.5	628.5	630.0	630.0	628.5	624.0	622.5	622.5
35°	606.0	603.0	604.5	604.5	601.5	598.5	597.0	595.5
37.5°	579.0	577.5	579.0	577.5	576.0	571.5	570.0	570.0
40°	550.5	550.5	552.0	549.0	547.5	544.5	541.5	543.0
42.5°	523.5	522.0	523.5	522.0	520.5	517.5	514.5	514.5
45°	495.0	495.0	493.5	493.5	492.0	489.0	486.0	487.5
47.5°	466.5	466.5	466.5	465.0	463.5	460.5	459.0	459.0
50°	438.0	438.0	436.5	436.5	433.5	430.5	430.5	432.0
52.5°	409.5	408.0	408.0	406.5	406.5	403.5	400.5	400.5
55°	378.0	376.5	375.0	375.0	373.5	372.0	369.0	370.5
57.5°	349.5	346.5	348.0	345.0	345.0	342.0	340.5	340.5
60°	319.5	318.0	318.0	316.5	315.0	313.5	312.0	312.0
62.5°	291.0	288.0	288.0	286.5	286.5	285.0	283.5	283.5
65°	261.0	258.0	258.0	256.5	258.0	255.0	255.0	255.0
67.5°	231.0	229.5	229.5	228.0	228.0	226.5	225.0	226.5
70°	202.5	201.0	199.5	198.0	199.5	198.0	198.0	196.5
72.5°	172.5	171.0	171.0	171.0	169.5	168.0	168.0	168.0
75°	144.0	142.5	142.5	141.0	141.0	139.5	138.0	139.5
77.5°	115.5	114.0	112.5	112.5	112.5	111.0	112.5	111.0
80°	87.0	84.0	84.0	84.0	84.0	82.5	84.0	81.0
82.5°	58.5	55.5	55.5	55.5	54.0	54.0	54.0	52.5
85°	30.0	30.0	30.0	28.5	28.5	28.5	28.5	27.0
87.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
90°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
92.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
95°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
97.5°	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
100°	19.5	19.5	19.5	19.5	21.0	19.5	19.5	19.5
102.5°	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
105°	27.0	27.0	27.0	27.0	28.5	28.5	28.5	28.5
107.5°	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
110°	39.0	37.5	37.5	37.5	36.0	36.0	36.0	36.0



TEST NUMBER: P303052

CATALOG NUMBER: CTW-F-2575-20L835-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	45.0	45.0	45.0	45.0	45.0	45.0	43.5	43.5
115°	49.5	49.5	51.0	51.0	51.0	51.0	51.0	51.0
117.5°	52.5	54.0	54.0	54.0	55.5	55.5	55.5	55.5
120°	57.0	57.0	57.0	57.0	58.5	58.5	58.5	58.5
122.5°	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
125°	67.5	66.0	66.0	66.0	66.0	66.0	64.5	64.5
127.5°	75.0	73.5	72.0	72.0	70.5	70.5	69.0	69.0
130°	84.0	82.5	81.0	79.5	78.0	78.0	76.5	76.5
132.5°	96.0	93.0	91.5	90.0	88.5	87.0	85.5	85.5
135°	108.0	105.0	103.5	102.0	99.0	97.5	96.0	96.0
137.5°	120.0	117.0	115.5	114.0	111.0	109.5	108.0	108.0
140°	132.0	129.0	127.5	126.0	123.0	121.5	120.0	120.0
142.5°	142.5	139.5	139.5	138.0	135.0	133.5	132.0	132.0
145°	154.5	151.5	150.0	150.0	147.0	144.0	144.0	142.5
147.5°	165.0	163.5	162.0	160.5	159.0	156.0	156.0	154.5
150°	177.0	174.0	172.5	172.5	169.5	168.0	166.5	166.5
152.5°	187.5	184.5	183.0	183.0	181.5	180.0	178.5	178.5
155°	196.5	193.5	193.5	193.5	192.0	190.5	189.0	189.0
157.5°	205.5	204.0	202.5	202.5	202.5	199.5	199.5	199.5
160°	214.5	213.0	213.0	213.0	211.5	210.0	210.0	210.0
162.5°	223.5	222.0	222.0	222.0	220.5	219.0	219.0	219.0
165°	231.0	229.5	229.5	229.5	229.5	228.0	228.0	228.0
167.5°	238.5	237.0	237.0	237.0	237.0	235.5	235.5	235.5
170°	244.5	244.5	243.0	243.0	243.0	243.0	241.5	243.0
172.5°	250.5	250.5	249.0	249.0	250.5	249.0	247.5	249.0
175°	256.5	256.5	255.0	255.0	255.0	253.5	252.0	253.5
177.5°	262.5	261.0	261.0	261.0	261.0	259.5	256.5	256.5
180°	265.5	265.5	265.5	265.5	265.5	265.5	265.5	265.5

(END OF REPORT)