

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: P303064

Luminaire Tested: **CTW-F-2575-30L840-UNV-STD-4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303064
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-4)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: CTW-F-2575-30L840-UNV-STD-4
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 3000 LUMEN PACKAGE
Light Source: 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

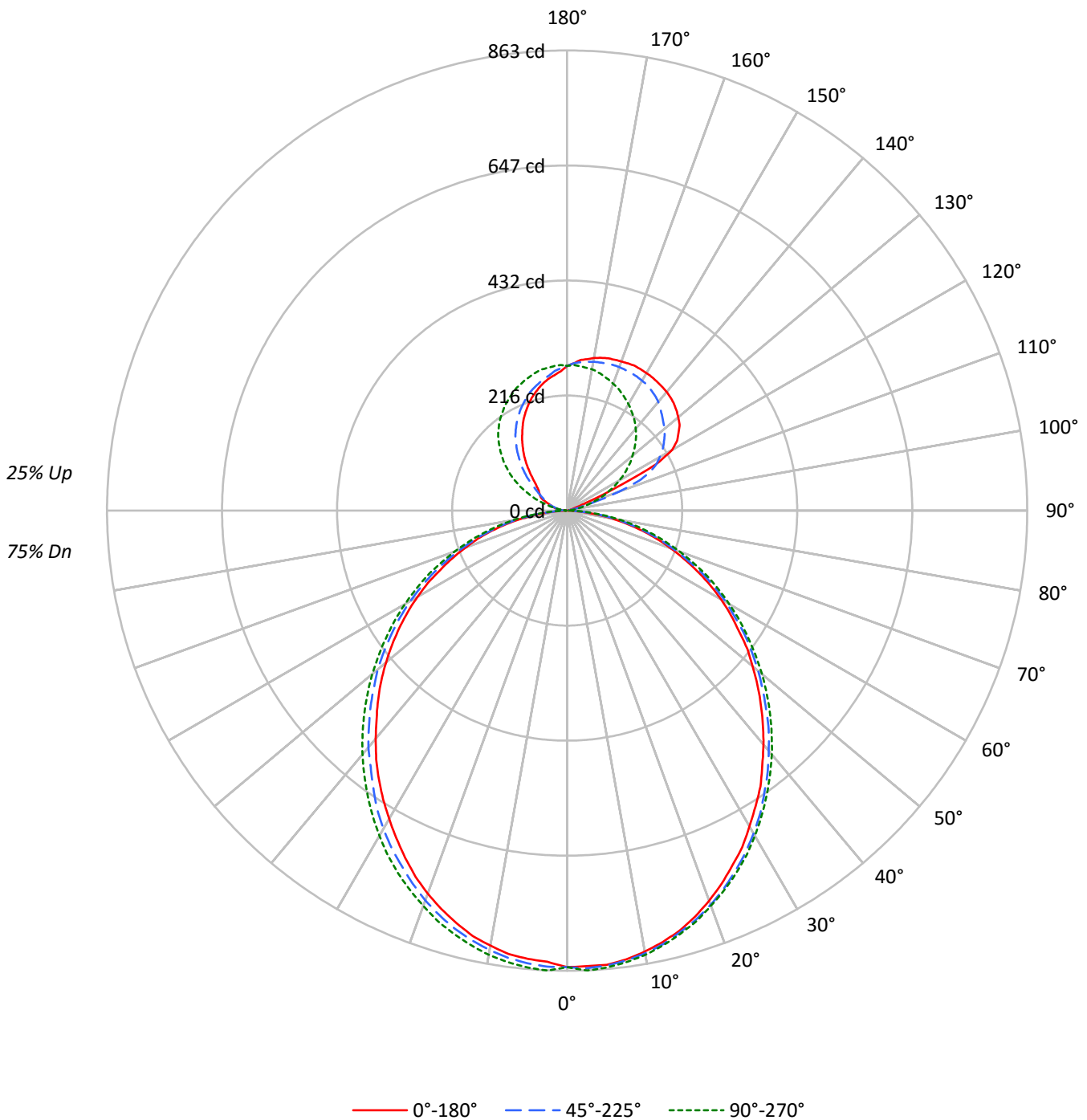
Lumens per Lamp: N/A
Luminaire Lumens: 3049.5 lumens
Efficiency: N/A
Efficacy: 116.4 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32
Luminous Opening: Rectangular (W 4' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 26.2
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	108	108	108	108	97	97	97	88	88	88	79	79	79	75
1	103	99	95	91	98	94	90	87	85	82	80	77	75	73	70	68	67	63
2	94	86	80	74	89	82	76	71	75	70	66	68	64	61	61	58	56	52
3	86	76	68	62	81	72	65	59	66	60	55	60	55	51	54	50	47	44
4	78	67	59	52	74	64	56	50	58	52	47	53	48	44	48	44	41	38
5	72	60	51	45	68	57	49	43	52	46	41	48	42	38	43	39	35	33
6	66	54	45	39	63	51	44	38	47	41	36	43	38	33	39	35	31	29
7	62	49	40	34	58	47	39	33	43	36	31	39	34	30	36	31	28	25
8	57	44	36	31	54	43	35	30	39	33	28	36	31	26	33	28	25	23
9	53	41	33	27	51	39	32	27	36	30	25	33	28	24	31	26	22	20
10	50	37	30	25	48	36	29	24	33	27	23	31	25	22	28	24	20	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	18432	18432	18432
5°	18479	18589	18237
10°	18358	18494	18113
15°	18173	18309	17854
20°	17840	18073	17512
25°	17430	17820	17069
30°	17001	17508	16595
35°	16607	17143	16178
40°	16097	16786	15695
45°	15640	16385	15268
50°	15192	15975	14850
55°	14728	15531	14420
60°	14350	15138	13954
65°	13759	14747	13341
70°	13023	14112	12702
75°	12119	13483	12119
80°	10612	12509	10736
85°	7040	10572	7311



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.9	2.7
10°-20°	229.0	7.5
20°-30°	339.1	11.1
30°-40°	398.0	13.1
40°-50°	403.3	13.2
50°-60°	359.7	11.8
60°-70°	274.5	9.0
70°-80°	161.4	5.3
80°-90°	42.6	1.4
90°-100°	7.9	0.3
100°-110°	33.6	1.1
110°-120°	93.3	3.1
120°-130°	133.5	4.4
130°-140°	143.9	4.7
140°-150°	136.9	4.5
150°-160°	112.4	3.7
160°-170°	73.8	2.4
170°-180°	25.7	0.8
0°-30°	649.0	21.3
0°-40°	1047.1	34.3
0°-60°	1810.1	59.4
0°-90°	2288.7	75.1
90°-120°	134.7	4.4
90°-150°	549.0	18.0
90°-180°	761.0	25.0
0°-180°	3049.5	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	856	856	856	856	856	
5°	855	856	860	852	844	81
15°	815	818	822	812	801	230
25°	734	746	750	735	719	338
35°	632	645	652	634	616	394
45°	514	528	538	522	502	396
55°	392	407	414	402	384	352
65°	270	280	290	276	262	267
75°	146	153	162	152	146	154
85°	28	35	43	34	30	35
90°	1	1	1	2	2	1
95°	2	2	6	10	9	2
105°	9	24	37	26	28	10
115°	96	171	87	46	52	109
125°	255	221	138	75	65	227
135°	283	252	181	122	97	219
145°	295	275	216	169	145	185
155°	300	284	243	208	192	138
165°	296	285	262	238	229	84
175°	283	279	272	263	256	27
180°	271	271	271	271	271	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	856.2	856.2	856.2	856.2	856.2	856.2	856.2	856.2	856.2	856.2	856.2
2.5°	855.1	854.1	854.1	854.1	857.2	857.2	856.2	856.2	857.2	861.2	859.2
5°	855.1	854.1	854.1	852.1	854.1	854.1	853.1	853.1	854.1	858.2	856.2
7.5°	849.0	849.0	848.0	847.0	848.0	848.0	848.0	847.0	848.0	853.1	851.1
10°	839.8	839.8	838.8	837.8	838.8	838.8	838.8	838.8	839.8	844.9	842.9
12.5°	828.6	828.6	827.6	826.6	828.6	828.6	827.6	827.6	828.6	834.7	832.7
15°	815.4	815.4	815.4	814.4	816.4	815.4	815.4	815.4	815.4	820.5	818.4
17.5°	798.1	798.1	798.1	798.1	800.1	800.1	800.1	799.1	800.1	805.2	804.2
20°	778.7	778.7	778.7	778.7	779.7	780.7	779.7	780.7	780.7	786.8	786.8
22.5°	757.3	757.3	756.3	756.3	757.3	759.3	758.3	758.3	759.3	765.4	767.5
25°	733.8	733.8	733.8	734.9	735.9	736.9	735.9	737.9	737.9	744.0	746.1
27.5°	711.4	709.4	710.4	710.4	711.4	712.4	712.4	714.5	715.5	720.6	723.7
30°	683.9	682.9	683.9	684.9	684.9	687.0	688.0	689.0	690.0	693.1	699.2
32.5°	657.4	657.4	658.4	658.4	659.4	660.5	662.5	663.5	663.5	666.6	673.7
35°	631.9	629.9	629.9	630.9	632.9	634.0	634.0	636.0	636.0	640.1	645.2
37.5°	601.3	601.3	603.4	603.4	603.4	605.4	605.4	607.5	608.5	611.5	617.7
40°	572.8	571.8	573.8	573.8	574.8	575.9	577.9	578.9	581.0	583.0	588.1
42.5°	543.2	543.2	544.3	545.3	546.3	547.3	549.4	550.4	551.4	553.4	559.6
45°	513.7	513.7	514.7	515.7	516.7	516.7	518.8	520.8	522.9	525.9	528.0
47.5°	484.1	484.1	485.2	485.2	486.2	487.2	488.2	490.2	492.3	495.3	497.4
50°	453.6	453.6	455.6	455.6	457.6	456.6	458.7	459.7	462.7	464.8	467.8
52.5°	426.0	423.0	424.0	425.0	427.1	428.1	429.1	429.1	431.1	434.2	437.2
55°	392.4	393.4	394.4	394.4	396.5	396.5	398.5	398.5	400.6	403.6	406.7
57.5°	363.9	363.9	362.8	364.9	365.9	365.9	366.9	366.9	370.0	372.0	374.1
60°	333.3	331.2	332.3	333.3	334.3	333.3	336.3	336.3	338.4	340.4	344.5
62.5°	301.7	301.7	300.7	301.7	302.7	302.7	304.7	304.7	307.8	307.8	311.9
65°	270.1	269.1	269.1	270.1	272.1	272.1	273.2	274.2	275.2	276.2	280.3
67.5°	237.5	237.5	236.5	238.5	238.5	238.5	240.5	240.5	241.6	242.6	245.6
70°	206.9	205.9	205.9	207.9	206.9	207.9	210.0	210.0	212.0	212.0	214.0
72.5°	176.3	175.3	175.3	174.3	178.4	177.3	178.4	179.4	179.4	180.4	183.5
75°	145.7	145.7	144.7	144.7	145.7	146.8	147.8	148.8	149.8	149.8	152.9
77.5°	115.2	115.2	114.2	117.2	117.2	117.2	118.2	118.2	120.3	120.3	122.3
80°	85.6	84.6	84.6	85.6	87.7	87.7	87.7	88.7	89.7	91.7	92.7
82.5°	56.1	56.1	56.1	57.1	58.1	59.1	59.1	59.1	60.1	62.2	63.2
85°	28.5	28.5	28.5	28.5	30.6	30.6	30.6	31.6	33.6	33.6	34.7
87.5°	5.1	5.1	5.1	5.1	6.1	6.1	6.1	6.1	6.1	8.2	9.2
90°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
92.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
95°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
97.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	4.1	4.1	4.1
100°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	6.1	7.1
102.5°	6.1	6.1	6.1	6.1	7.1	7.1	7.1	8.2	8.2	10.2	12.2
105°	9.2	9.2	9.2	9.2	9.2	10.2	10.2	11.2	13.2	17.3	24.5
107.5°	12.2	12.2	12.2	13.2	14.3	15.3	16.3	20.4	26.5	37.7	54.0
110°	18.3	19.4	20.4	22.4	26.5	28.5	31.6	42.8	60.1	83.6	102.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	37.7	39.7	43.8	49.9	63.2	70.3	79.5	102.9	123.3	140.7	145.7
115°	95.8	105.0	110.1	119.2	138.6	145.7	153.9	165.1	174.3	176.3	171.2
117.5°	187.5	187.5	187.5	193.7	198.7	200.8	201.8	201.8	198.7	195.7	188.6
120°	227.3	227.3	226.3	226.3	225.2	224.2	222.2	219.1	214.0	208.9	200.8
122.5°	244.6	244.6	242.6	240.5	238.5	236.5	234.4	231.4	225.2	220.2	212.0
125°	254.8	254.8	252.8	250.7	248.7	246.7	244.6	240.5	235.4	229.3	221.2
127.5°	266.0	265.0	263.0	259.9	256.8	254.8	252.8	248.7	243.6	237.5	230.3
130°	272.1	272.1	270.1	268.1	266.0	264.0	261.9	255.8	249.7	244.6	238.5
132.5°	278.2	277.2	276.2	274.2	271.1	270.1	268.1	264.0	256.8	250.7	244.6
135°	283.3	282.3	281.3	279.3	277.2	275.2	274.2	270.1	265.0	256.8	251.7
137.5°	287.4	286.4	285.4	284.4	281.3	280.3	278.2	275.2	270.1	265.0	258.9
140°	290.5	288.4	288.4	287.4	284.4	283.3	282.3	278.2	274.2	270.1	266.0
142.5°	292.5	291.5	291.5	290.5	287.4	287.4	285.4	282.3	278.2	275.2	271.1
145°	294.6	293.5	293.5	292.5	290.5	290.5	288.4	285.4	281.3	278.2	275.2
147.5°	296.6	295.6	295.6	294.6	293.5	292.5	291.5	288.4	284.4	281.3	279.3
150°	297.6	297.6	296.6	295.6	294.6	293.5	292.5	289.5	286.4	284.4	281.3
152.5°	298.6	298.6	297.6	297.6	295.6	295.6	293.5	291.5	288.4	286.4	283.3
155°	299.7	299.7	298.6	297.6	296.6	295.6	294.6	291.5	288.4	287.4	284.4
157.5°	298.6	298.6	298.6	297.6	296.6	295.6	293.5	291.5	289.5	288.4	285.4
160°	297.6	298.6	297.6	296.6	295.6	295.6	294.6	291.5	289.5	289.5	286.4
162.5°	296.6	297.6	296.6	296.6	295.6	294.6	293.5	291.5	289.5	288.4	286.4
165°	295.6	295.6	295.6	294.6	293.5	292.5	292.5	289.5	288.4	288.4	285.4
167.5°	293.5	293.5	292.5	291.5	290.5	290.5	289.5	287.4	287.4	287.4	284.4
170°	290.5	290.5	289.5	288.4	288.4	287.4	287.4	285.4	285.4	285.4	283.3
172.5°	286.4	286.4	286.4	285.4	285.4	284.4	284.4	282.3	282.3	283.3	281.3
175°	283.3	282.3	282.3	281.3	281.3	281.3	280.3	279.3	280.3	280.3	279.3
177.5°	276.2	276.2	276.2	276.2	277.2	277.2	277.2	276.2	276.2	277.2	276.2
180°	271.1	271.1	271.1	271.1	271.1	271.1	271.1	271.1	271.1	271.1	271.1



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	856.2	856.2	856.2	856.2	856.2	856.2	856.2	856.2	856.2	856.2	856.2
2.5°	853.1	851.1	851.1	854.1	855.1	856.2	857.2	861.2	862.3	863.3	862.3
5°	851.1	849.0	848.0	851.1	852.1	853.1	854.1	857.2	859.2	860.2	858.2
7.5°	844.9	842.9	842.9	846.0	846.0	848.0	848.0	852.1	853.1	854.1	853.1
10°	837.8	835.8	834.7	837.8	838.8	839.8	839.8	842.9	844.9	846.0	843.9
12.5°	826.6	824.6	823.5	826.6	827.6	828.6	829.7	832.7	833.7	834.7	833.7
15°	814.4	811.3	810.3	814.4	815.4	816.4	816.4	819.5	820.5	821.5	820.5
17.5°	799.1	796.0	796.0	798.1	801.1	801.1	801.1	804.2	806.2	807.2	805.2
20°	782.8	779.7	778.7	781.7	782.8	784.8	784.8	786.8	788.9	788.9	788.9
22.5°	763.4	760.3	759.3	762.4	763.4	764.4	765.4	767.5	769.5	770.5	768.5
25°	743.0	740.0	738.9	742.0	743.0	744.0	745.1	749.1	749.1	750.2	748.1
27.5°	719.6	717.5	715.5	718.6	721.6	722.6	722.6	725.7	726.7	728.7	725.7
30°	696.1	693.1	692.1	694.1	697.2	698.2	698.2	702.2	703.3	704.3	701.2
32.5°	671.7	668.6	667.6	669.6	672.7	673.7	673.7	676.8	677.8	678.8	676.8
35°	645.2	643.1	641.1	643.1	645.2	647.2	647.2	650.3	651.3	652.3	650.3
37.5°	619.7	616.6	614.6	615.6	617.7	620.7	620.7	624.8	624.8	624.8	622.7
40°	592.2	588.1	587.1	587.1	590.1	592.2	592.2	596.2	596.2	597.3	594.2
42.5°	563.6	560.6	559.6	558.5	561.6	562.6	563.6	567.7	566.7	567.7	564.7
45°	534.1	531.0	531.0	531.0	532.0	534.1	535.1	537.1	538.2	538.2	536.1
47.5°	502.5	501.5	501.5	501.5	503.5	503.5	504.5	506.6	506.6	507.6	505.5
50°	471.9	471.9	470.9	471.9	472.9	472.9	475.0	477.0	477.0	477.0	475.0
52.5°	439.3	440.3	440.3	441.3	442.3	442.3	445.4	447.4	447.4	445.4	443.4
55°	407.7	409.7	409.7	411.8	411.8	412.8	412.8	414.8	414.8	413.8	411.8
57.5°	377.1	378.1	378.1	380.2	381.2	381.2	383.2	385.3	385.3	383.2	381.2
60°	345.5	347.6	346.5	348.6	350.6	350.6	350.6	353.7	351.6	351.6	350.6
62.5°	313.9	313.9	314.9	317.0	318.0	318.0	320.0	322.1	322.1	320.0	319.0
65°	282.3	283.3	283.3	285.4	286.4	287.4	287.4	289.5	288.4	289.5	287.4
67.5°	248.7	249.7	249.7	250.7	252.8	252.8	254.8	255.8	256.8	255.8	254.8
70°	216.1	216.1	219.1	219.1	221.2	221.2	224.2	224.2	226.3	224.2	223.2
72.5°	184.5	185.5	188.6	187.5	189.6	189.6	192.6	193.7	194.7	192.6	193.7
75°	153.9	153.9	157.0	157.0	159.0	159.0	162.1	162.1	163.1	162.1	161.0
77.5°	123.3	123.3	125.4	126.4	127.4	128.4	130.5	130.5	132.5	131.5	132.5
80°	93.8	94.8	95.8	97.8	97.8	98.9	98.9	100.9	101.9	100.9	101.9
82.5°	64.2	66.2	67.3	67.3	68.3	70.3	71.3	71.3	72.4	71.3	73.4
85°	35.7	36.7	38.7	40.8	40.8	41.8	42.8	43.8	43.8	42.8	42.8
87.5°	10.2	11.2	14.3	14.3	14.3	16.3	17.3	17.3	18.3	17.3	19.4
90°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
92.5°	1.0	1.0	1.0	2.0	2.0	2.0	3.1	3.1	3.1	2.0	3.1
95°	3.1	3.1	4.1	6.1	7.1	8.2	9.2	9.2	7.1	6.1	6.1
97.5°	5.1	6.1	9.2	13.2	15.3	17.3	18.3	16.3	13.2	11.2	10.2
100°	9.2	13.2	19.4	26.5	28.5	30.6	29.6	26.5	22.4	18.3	16.3
102.5°	18.3	26.5	37.7	46.9	46.9	46.9	43.8	38.7	32.6	26.5	23.4
105°	38.7	53.0	65.2	69.3	67.3	66.2	59.1	52.0	43.8	36.7	32.6
107.5°	77.5	89.7	92.7	90.7	86.6	83.6	74.4	66.2	56.1	47.9	42.8
110°	118.2	119.2	116.2	109.1	104.0	99.9	89.7	80.5	70.3	61.2	53.0



TEST NUMBER: P303064

CATALOG NUMBER: CTW-F-2575-30L840-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	146.8	141.7	134.5	125.4	119.2	115.2	105.0	94.8	83.6	74.4	65.2
115°	166.1	158.0	149.8	138.6	134.5	129.4	119.2	109.1	97.8	86.6	78.5
117.5°	180.4	171.2	163.1	152.9	147.8	142.7	132.5	121.3	110.1	100.9	91.7
120°	192.6	184.5	175.3	165.1	161.0	155.9	145.7	134.5	123.3	113.1	104.0
122.5°	203.8	195.7	186.5	177.3	172.2	168.2	158.0	146.8	135.6	126.4	117.2
125°	214.0	205.9	197.7	187.5	183.5	178.4	168.2	157.0	147.8	137.6	128.4
127.5°	223.2	215.1	206.9	197.7	193.7	188.6	178.4	168.2	159.0	149.8	140.7
130°	232.4	224.2	216.1	206.9	201.8	197.7	188.6	178.4	169.2	160.0	151.9
132.5°	239.5	232.4	223.2	215.1	210.0	205.9	197.7	188.6	180.4	171.2	163.1
135°	246.7	238.5	231.4	222.2	218.1	214.0	205.9	197.7	189.6	181.4	173.3
137.5°	252.8	244.6	237.5	228.3	225.2	222.2	214.0	205.9	198.7	191.6	183.5
140°	258.9	250.7	242.6	234.4	231.4	228.3	221.2	214.0	206.9	199.8	193.7
142.5°	265.0	254.8	246.7	239.5	237.5	234.4	227.3	221.2	215.1	208.9	201.8
145°	269.1	259.9	250.7	245.6	242.6	239.5	233.4	227.3	222.2	216.1	210.0
147.5°	273.2	265.0	256.8	249.7	247.7	244.6	239.5	234.4	229.3	223.2	217.1
150°	275.2	268.1	260.9	255.8	252.8	249.7	244.6	239.5	235.4	230.3	224.2
152.5°	278.2	271.1	266.0	259.9	258.9	254.8	249.7	246.7	241.6	236.5	231.4
155°	279.3	273.2	269.1	265.0	264.0	259.9	254.8	250.7	246.7	242.6	237.5
157.5°	280.3	275.2	270.1	268.1	266.0	265.0	259.9	255.8	251.7	248.7	243.6
160°	281.3	276.2	272.1	270.1	269.1	267.0	264.0	261.9	258.8	255.8	247.7
162.5°	281.3	277.2	274.2	272.1	271.1	270.1	267.0	265.0	261.9	257.9	252.8
165°	281.3	278.2	275.2	274.2	273.2	272.1	269.1	268.1	265.0	261.9	257.9
167.5°	281.3	278.2	276.2	275.2	274.2	273.2	271.1	270.1	268.1	266.0	263.0
170°	280.3	278.2	276.2	275.2	275.2	274.2	272.1	272.1	270.1	269.1	266.0
172.5°	278.2	277.2	275.2	275.2	275.2	274.2	272.1	272.1	271.1	270.1	268.1
175°	276.2	275.2	274.2	274.2	274.2	273.2	272.1	273.2	272.1	272.1	270.1
177.5°	273.2	272.1	272.1	272.1	272.1	272.1	272.1	272.1	272.1	273.2	271.1
180°	271.1	271.1	271.1	271.1	271.1	271.1	271.1	271.1	271.1	271.1	271.1



TEST NUMBER: P303064

CATALOG NUMBER: CTW-F-2575-30L840-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	856.2	856.2	856.2	856.2	856.2	856.2	856.2	856.2	856.2	856.2	856.2
2.5°	856.2	852.1	852.1	852.1	854.1	855.1	855.1	852.1	856.2	859.2	856.2
5°	852.1	848.0	848.0	849.0	850.0	851.1	851.1	848.0	852.1	855.1	851.1
7.5°	847.0	841.9	841.9	842.9	843.9	844.9	844.9	841.9	846.0	848.0	843.9
10°	837.8	833.7	832.7	833.7	835.8	836.8	835.8	832.7	836.8	838.8	835.8
12.5°	826.6	822.5	822.5	822.5	824.6	824.6	824.6	820.5	825.6	826.6	822.5
15°	813.3	809.3	809.3	809.3	810.3	811.3	810.3	807.2	812.3	812.3	808.2
17.5°	798.1	795.0	793.0	795.0	795.0	796.0	794.0	790.9	796.0	796.0	793.0
20°	781.7	777.7	776.7	776.7	777.7	778.7	775.6	773.6	777.7	777.7	773.6
22.5°	761.4	758.3	757.3	757.3	758.3	758.3	755.2	753.2	757.3	756.3	752.2
25°	741.0	737.9	736.9	737.9	737.9	737.9	733.8	732.8	734.9	733.8	729.8
27.5°	718.6	715.5	714.5	715.5	715.5	715.5	711.4	710.4	713.5	710.4	706.3
30°	694.1	691.0	690.0	691.0	692.1	690.0	685.9	687.0	689.0	684.9	681.9
32.5°	671.7	666.6	665.6	666.6	667.6	666.6	662.5	661.5	663.5	659.4	655.4
35°	644.2	640.1	641.1	642.1	641.1	640.1	635.0	636.0	634.0	631.9	627.8
37.5°	617.7	613.6	613.6	614.6	614.6	612.6	608.5	608.5	605.4	604.4	600.3
40°	590.1	586.1	586.1	587.1	587.1	584.0	581.0	582.0	579.9	575.9	571.8
42.5°	559.6	557.5	558.5	558.5	559.6	555.5	553.4	553.4	550.4	546.3	543.2
45°	531.0	528.0	530.0	531.0	531.0	526.9	525.9	522.9	521.8	518.8	514.7
47.5°	500.4	499.4	501.5	501.5	501.5	497.4	496.4	493.3	491.3	489.2	485.2
50°	470.9	469.9	471.9	471.9	471.9	466.8	467.8	462.7	463.7	458.7	455.6
52.5°	441.3	441.3	441.3	441.3	440.3	437.2	436.2	433.2	432.2	428.1	426.0
55°	409.7	409.7	411.8	410.7	409.7	407.7	405.7	401.6	401.6	397.5	394.4
57.5°	381.2	381.2	381.2	379.2	379.2	377.1	374.1	372.0	371.0	366.9	364.9
60°	349.6	350.6	348.6	347.6	347.6	345.5	343.5	342.5	339.4	335.3	334.3
62.5°	319.0	320.0	319.0	317.0	316.0	313.9	312.9	310.9	307.8	303.7	303.7
65°	286.4	287.4	287.4	284.4	284.4	283.3	282.3	279.3	276.2	273.2	272.1
67.5°	254.8	255.8	251.7	250.7	250.7	250.7	246.7	246.7	243.6	240.5	241.6
70°	224.2	223.2	222.2	219.1	220.2	218.1	216.1	215.1	212.0	210.0	210.0
72.5°	193.7	191.6	190.6	189.6	188.6	187.5	185.5	184.5	182.4	179.4	179.4
75°	163.1	161.0	160.0	159.0	158.0	157.0	153.9	153.9	151.9	149.8	149.8
77.5°	131.5	129.4	129.4	128.4	127.4	125.4	123.3	124.3	122.3	120.3	120.3
80°	100.9	99.9	99.9	98.9	96.8	95.8	95.8	94.8	92.7	89.7	89.7
82.5°	71.3	71.3	70.3	69.3	68.3	67.3	66.2	65.2	63.2	60.1	60.1
85°	43.8	42.8	42.8	41.8	40.8	38.7	36.7	35.7	33.6	31.6	31.6
87.5°	18.3	16.3	15.3	14.3	13.2	12.2	12.2	10.2	9.2	9.2	7.1
90°	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
92.5°	4.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
95°	6.1	7.1	9.2	9.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
97.5°	9.2	10.2	11.2	12.2	12.2	14.3	14.3	15.3	15.3	15.3	15.3
100°	14.3	14.3	15.3	16.3	15.3	16.3	17.3	18.3	19.4	19.4	20.4
102.5°	21.4	19.4	18.3	19.4	20.4	21.4	20.4	21.4	21.4	22.4	23.4
105°	28.5	26.5	24.5	24.5	24.5	25.5	26.5	26.5	25.5	25.5	26.5
107.5°	37.7	33.6	30.6	30.6	29.6	29.6	30.6	32.6	32.6	31.6	31.6
110°	47.9	42.8	38.7	37.7	36.7	35.7	35.7	36.7	37.7	38.7	39.7



TEST NUMBER: P303064

CATALOG NUMBER: CTW-F-2575-30L840-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	59.1	53.0	47.9	45.9	44.8	41.8	40.8	40.8	41.8	43.8	44.8
115°	71.3	65.2	58.1	56.1	54.0	48.9	47.9	46.9	45.9	46.9	47.9
117.5°	83.6	76.4	69.3	66.2	63.2	58.1	55.0	53.0	52.0	52.0	52.0
120°	95.8	88.7	80.5	77.5	74.4	69.3	64.2	60.1	58.1	57.1	57.1
122.5°	108.0	100.9	93.8	89.7	86.6	79.5	75.4	69.3	66.2	63.2	62.2
125°	120.3	113.1	106.0	101.9	98.9	91.7	85.6	80.5	75.4	71.3	69.3
127.5°	131.5	124.3	118.2	114.2	111.1	102.9	97.8	92.7	86.6	81.5	78.5
130°	143.7	135.6	129.4	126.4	123.3	115.2	109.1	102.9	98.9	93.8	88.7
132.5°	154.9	147.8	140.7	137.6	134.5	127.4	122.3	115.2	110.1	106.0	100.9
135°	165.1	158.0	151.9	148.8	145.7	138.6	133.5	127.4	122.3	117.2	113.1
137.5°	175.3	168.2	162.1	160.0	157.0	149.8	144.7	139.6	133.5	129.4	124.3
140°	184.5	178.4	172.2	170.2	167.2	161.0	155.9	150.8	145.7	140.7	136.6
142.5°	193.7	187.5	181.4	179.4	176.3	171.2	166.1	162.1	157.0	152.9	148.8
145°	201.8	195.7	190.6	188.6	185.5	181.4	175.3	172.2	169.2	164.1	160.0
147.5°	210.0	203.8	198.7	196.7	195.7	190.6	185.5	182.4	179.4	175.3	171.2
150°	217.1	212.0	206.9	205.9	203.8	199.8	194.7	191.6	189.6	185.5	182.4
152.5°	225.2	219.1	215.1	214.0	212.0	207.9	203.8	200.8	198.7	194.7	191.6
155°	231.4	226.3	222.2	221.2	219.1	216.1	212.0	208.9	207.9	203.8	200.8
157.5°	237.5	232.4	229.3	227.3	226.3	224.2	220.2	217.1	216.1	213.0	210.0
160°	242.6	238.5	235.4	234.4	233.4	230.3	227.3	224.2	224.2	222.2	219.1
162.5°	247.7	243.6	241.6	240.5	239.5	237.5	234.4	232.4	232.4	229.3	227.3
165°	252.8	248.7	246.7	245.6	245.6	243.6	241.6	238.5	238.5	237.5	235.4
167.5°	257.9	252.8	251.7	250.7	250.7	249.7	247.7	245.6	244.6	244.6	241.6
170°	261.9	257.9	255.8	254.8	254.8	253.8	251.7	250.7	250.7	250.7	248.7
172.5°	265.0	261.9	260.9	260.9	260.9	259.9	258.9	255.8	255.8	257.9	253.8
175°	267.0	265.0	265.0	265.0	265.0	264.0	263.0	261.9	263.0	264.0	261.9
177.5°	269.1	267.0	267.0	267.0	268.1	268.1	267.0	266.0	267.0	268.1	267.0
180°	271.1	271.1	271.1	271.1	271.1	271.1	271.1	271.1	271.1	271.1	271.1



TEST NUMBER: P303064

CATALOG NUMBER: CTW-F-2575-30L840-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	856.2	856.2	856.2	856.2	856.2	856.2	856.2	856.2
2.5°	856.2	855.1	854.1	854.1	855.1	851.1	847.0	847.0
5°	851.1	850.0	849.0	849.0	850.0	847.0	843.9	843.9
7.5°	843.9	842.9	841.9	842.9	844.9	841.9	838.8	838.8
10°	834.7	832.7	831.7	831.7	833.7	830.7	828.6	828.6
12.5°	821.5	820.5	818.4	819.5	820.5	818.4	815.4	817.4
15°	807.2	806.2	805.2	806.2	807.2	804.2	801.1	801.1
17.5°	791.9	790.9	788.9	790.9	790.9	786.8	783.8	783.8
20°	772.6	770.5	769.5	770.5	770.5	766.5	764.4	764.4
22.5°	750.2	748.1	747.1	748.1	747.1	744.0	742.0	743.0
25°	726.7	724.7	724.7	724.7	724.7	720.6	718.6	718.6
27.5°	703.3	701.2	700.2	701.2	700.2	696.1	693.1	693.1
30°	678.8	674.7	674.7	675.7	674.7	670.7	667.6	667.6
32.5°	652.3	649.2	650.3	650.3	648.2	644.2	642.1	642.1
35°	624.8	622.7	623.8	622.7	620.7	617.7	615.6	615.6
37.5°	596.2	595.2	595.2	596.2	592.2	589.1	588.1	588.1
40°	567.7	566.7	566.7	567.7	563.6	560.6	560.6	558.5
42.5°	539.2	538.2	539.2	538.2	535.1	532.0	531.0	529.0
45°	510.6	510.6	509.6	509.6	505.5	503.5	503.5	501.5
47.5°	481.1	481.1	480.1	478.0	476.0	475.0	472.9	472.9
50°	452.5	451.5	450.5	450.5	447.4	445.4	445.4	443.4
52.5°	422.0	422.0	422.0	419.9	416.9	414.8	415.8	413.8
55°	392.4	391.4	391.4	390.4	388.3	385.3	386.3	384.2
57.5°	363.9	361.8	359.8	359.8	357.7	354.7	354.7	354.7
60°	331.2	331.2	330.2	329.2	328.2	325.1	326.2	324.1
62.5°	302.7	299.7	299.7	298.6	297.6	294.6	296.6	294.6
65°	271.1	269.1	268.1	267.0	265.0	263.0	264.0	261.9
67.5°	237.5	236.5	236.5	235.4	234.4	232.4	234.4	232.4
70°	207.9	205.9	205.9	204.9	203.8	202.8	203.8	201.8
72.5°	177.3	177.3	176.3	175.3	174.3	174.3	174.3	175.3
75°	147.8	145.7	145.7	145.7	144.7	144.7	144.7	145.7
77.5°	119.2	117.2	116.2	115.2	115.2	115.2	115.2	116.2
80°	87.7	87.7	86.6	85.6	85.6	85.6	85.6	86.6
82.5°	58.1	58.1	57.1	56.1	56.1	56.1	55.0	56.1
85°	31.6	30.6	29.6	29.6	29.6	29.6	29.6	29.6
87.5°	8.2	7.1	7.1	7.1	8.2	8.2	7.1	8.2
90°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
92.5°	5.1	5.1	5.1	5.1	5.1	4.1	4.1	4.1
95°	10.2	10.2	10.2	9.2	9.2	9.2	9.2	9.2
97.5°	15.3	15.3	15.3	15.3	15.3	14.3	14.3	14.3
100°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
102.5°	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
105°	26.5	27.5	27.5	27.5	28.5	28.5	28.5	28.5
107.5°	31.6	31.6	31.6	31.6	31.6	31.6	32.6	31.6
110°	38.7	37.7	37.7	36.7	36.7	36.7	36.7	36.7



TEST NUMBER: P303064

CATALOG NUMBER: CTW-F-2575-30L840-UNV-STD-4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	44.8	45.9	45.9	45.9	45.9	44.8	43.8	43.8
115°	49.9	51.0	51.0	51.0	51.0	52.0	52.0	52.0
117.5°	53.0	54.0	55.0	55.0	56.1	56.1	56.1	56.1
120°	57.1	58.1	58.1	58.1	59.1	59.1	59.1	59.1
122.5°	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
125°	68.3	67.3	67.3	66.2	66.2	66.2	65.2	65.2
127.5°	75.4	74.4	73.4	72.4	71.3	71.3	70.3	70.3
130°	85.6	83.6	81.5	81.5	79.5	77.5	77.5	76.4
132.5°	96.8	93.8	92.7	91.7	88.7	86.6	86.6	85.6
135°	109.1	106.0	105.0	104.0	99.9	97.8	97.8	96.8
137.5°	121.3	118.2	117.2	116.2	113.1	111.1	110.1	109.1
140°	132.5	129.4	128.4	127.4	125.4	123.3	122.3	121.3
142.5°	143.7	141.7	140.7	139.6	136.6	134.5	133.5	133.5
145°	155.9	152.9	152.9	150.8	148.8	146.8	145.7	144.7
147.5°	168.2	165.1	164.1	163.1	161.0	158.0	157.0	157.0
150°	178.4	176.3	175.3	174.3	172.2	170.2	169.2	168.2
152.5°	188.6	186.5	186.5	185.5	183.5	181.4	180.4	180.4
155°	198.7	195.7	195.7	195.7	193.7	192.6	191.6	191.6
157.5°	207.9	205.9	204.9	204.9	203.8	202.8	200.8	201.8
160°	217.1	216.1	214.0	214.0	214.0	212.0	211.0	212.0
162.5°	226.3	225.2	224.2	224.2	223.2	222.2	221.2	221.2
165°	233.4	232.4	231.4	231.4	232.4	231.4	230.3	229.3
167.5°	240.5	239.5	238.5	238.5	239.5	238.5	237.5	237.5
170°	247.7	246.7	245.6	245.6	245.6	245.6	244.6	244.6
172.5°	253.8	252.8	252.8	251.7	252.8	251.7	250.7	250.7
175°	261.9	260.9	260.9	259.9	260.9	257.9	254.8	255.8
177.5°	267.0	267.0	266.0	266.0	266.0	264.0	261.9	261.9
180°	271.1	271.1	271.1	271.1	271.1	271.1	271.1	271.1

(END OF REPORT)