

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: P303053

Luminaire Tested: **CTW-F-2575-20L840-UNV-STD-6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303053
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-2575-20L840-UNV-STD-6
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 2000 LUMEN PACKAGE
Light Source: 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3024.7 lumens
Efficiency: N/A
Efficacy: 120.0 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

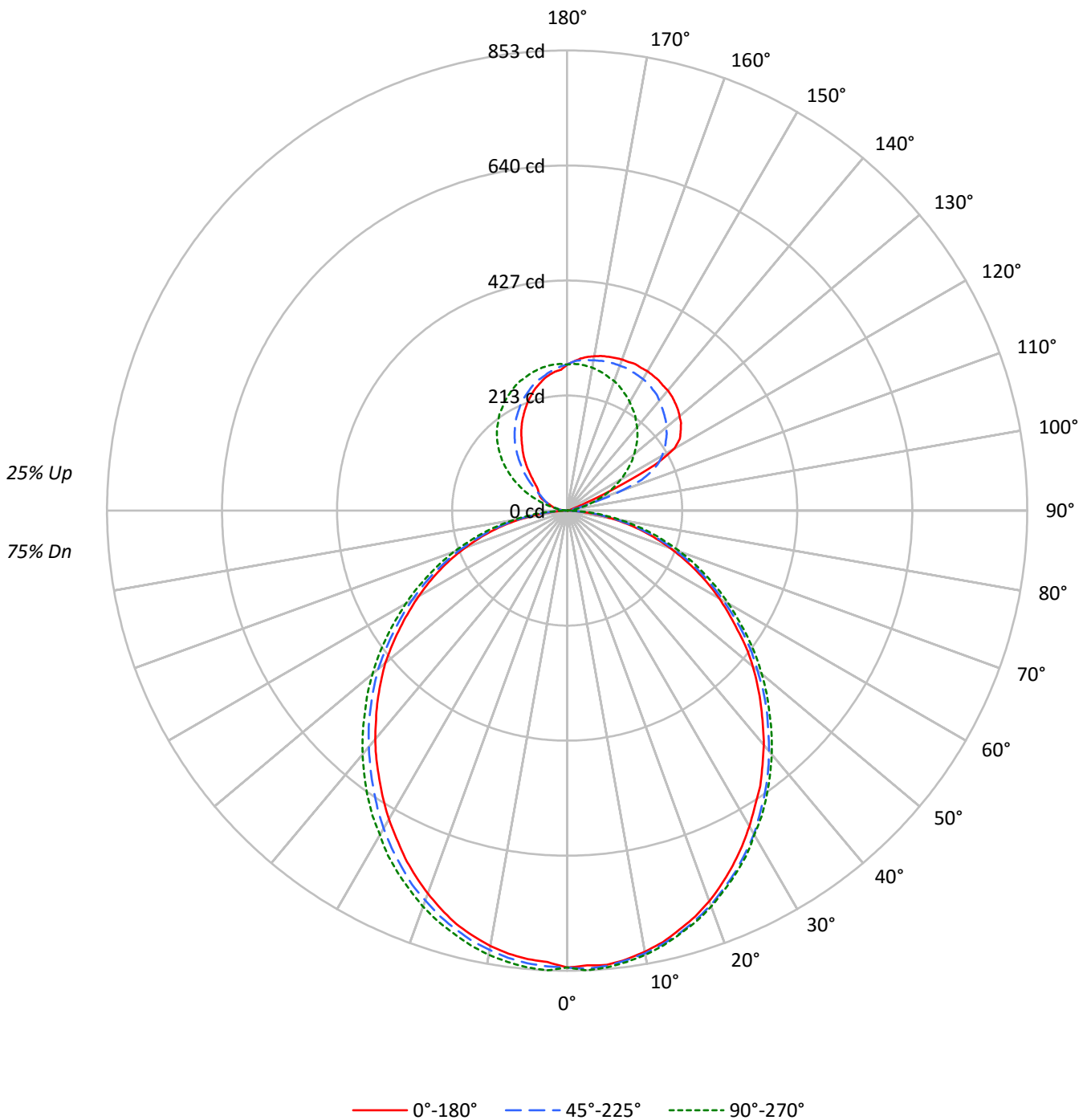
Input Watts (W): 25.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	12156	12156	12156
5°	12181	12246	12025
10°	12099	12188	11943
15°	11949	12062	11790
20°	11768	11931	11534
25°	11500	11742	11257
30°	11198	11503	10946
35°	10929	11304	10635
40°	10627	11056	10368
45°	10303	10767	10085
50°	10036	10514	9831
55°	9641	10214	9448
60°	9346	9917	9128
65°	8982	9604	8826
70°	8531	9366	8405
75°	7968	8989	7885
80°	6827	8339	6827
85°	4528	7295	4528



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.9	2.6
10°-20°	226.4	7.5
20°-30°	335.4	11.1
30°-40°	393.5	13.0
40°-50°	398.8	13.2
50°-60°	353.9	11.7
60°-70°	269.8	8.9
70°-80°	159.6	5.3
80°-90°	42.1	1.4
90°-100°	7.8	0.3
100°-110°	33.8	1.1
110°-120°	94.0	3.1
120°-130°	134.5	4.4
130°-140°	144.8	4.8
140°-150°	137.5	4.5
150°-160°	112.9	3.7
160°-170°	74.0	2.4
170°-180°	25.7	0.8
0°-30°	641.8	21.2
0°-40°	1035.3	34.2
0°-60°	1787.9	59.1
0°-90°	2259.5	74.7
90°-120°	135.7	4.5
90°-150°	552.6	18.3
90°-180°	765.0	25.3
0°-180°	3024.7	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	847	847	847	847	847	
5°	846	847	850	842	835	80
15°	804	810	812	803	794	227
25°	726	738	742	728	711	334
35°	624	639	645	627	607	389
45°	508	523	530	515	497	392
55°	385	399	408	393	378	346
65°	264	274	283	271	260	262
75°	144	150	162	150	142	151
85°	28	34	44	34	28	34
90°	0	0	0	2	3	1
95°	2	3	6	11	9	2
105°	9	26	37	26	29	10
115°	98	174	89	47	52	108
125°	257	223	139	76	66	229
135°	283	254	184	122	98	219
145°	295	275	219	170	145	185
155°	300	284	245	210	193	138
165°	295	286	263	242	232	84
175°	283	280	272	263	258	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°	847.0	847.0	847.0	847.0	847.0	847.0	847.0	847.0	847.0	847.0	847.0
2.5°	843.9	843.9	843.9	845.5	847.0	847.0	847.0	845.5	847.0	851.6	850.0
5°	845.5	843.9	843.9	842.4	843.9	843.9	843.9	842.4	843.9	848.5	847.0
7.5°	839.3	839.3	839.3	837.8	839.3	837.8	837.8	836.3	839.3	842.4	840.9
10°	830.2	828.6	828.6	828.6	830.2	830.2	828.6	828.6	830.2	834.7	833.2
12.5°	819.5	819.5	819.5	817.9	819.5	819.5	819.5	817.9	819.5	824.0	822.5
15°	804.2	805.7	805.7	804.2	807.2	807.2	805.7	805.7	807.2	810.3	810.3
17.5°	788.9	788.9	788.9	788.9	791.9	790.4	790.4	790.4	791.9	795.0	795.0
20°	770.5	770.5	770.5	769.0	772.1	772.1	772.1	772.1	773.6	778.2	778.2
22.5°	749.1	749.1	749.1	749.1	750.7	750.7	750.7	750.7	752.2	756.8	758.3
25°	726.2	726.2	726.2	726.2	727.7	727.7	727.7	729.3	730.8	735.4	738.4
27.5°	701.7	703.3	703.3	703.3	703.3	704.8	704.8	706.3	707.9	710.9	715.5
30°	675.7	675.7	677.3	677.3	678.8	678.8	678.8	680.3	683.4	686.5	692.6
32.5°	648.2	649.8	651.3	651.3	652.8	652.8	654.3	654.3	657.4	658.9	665.0
35°	623.8	623.8	622.2	625.3	625.3	625.3	626.8	628.4	628.4	631.4	639.1
37.5°	594.7	596.2	594.7	597.8	599.3	597.8	599.3	600.8	602.4	603.9	611.5
40°	567.2	567.2	567.2	568.7	570.3	570.3	570.3	571.8	574.8	577.9	582.5
42.5°	536.6	538.2	538.2	539.7	541.2	539.7	541.2	544.3	545.8	548.9	551.9
45°	507.6	509.1	507.6	510.6	512.2	512.2	512.2	515.2	516.7	518.3	522.9
47.5°	478.5	480.1	478.5	480.1	483.1	483.1	483.1	484.6	487.7	489.2	492.3
50°	449.5	449.5	449.5	451.0	452.5	454.1	454.1	454.1	457.1	458.7	460.2
52.5°	418.9	418.9	418.9	422.0	422.0	422.0	423.5	425.0	426.5	429.6	431.1
55°	385.3	385.3	385.3	386.8	388.3	388.3	389.9	391.4	392.9	394.4	399.0
57.5°	354.7	356.2	354.7	356.2	357.7	357.7	360.8	360.8	362.3	363.9	366.9
60°	325.6	325.6	325.6	325.6	327.2	327.2	327.2	328.7	331.8	333.3	334.8
62.5°	295.1	295.1	295.1	296.6	296.6	296.6	298.1	299.7	301.2	302.7	304.2
65°	264.5	264.5	264.5	266.0	266.0	266.0	266.0	269.1	270.6	272.1	273.7
67.5°	233.9	233.9	233.9	235.4	235.4	235.4	237.0	238.5	240.0	241.6	243.1
70°	203.3	204.9	203.3	204.9	204.9	204.9	206.4	207.9	207.9	211.0	211.0
72.5°	172.8	172.8	172.8	174.3	174.3	175.8	175.8	177.3	177.3	178.9	180.4
75°	143.7	142.2	143.7	145.2	143.7	143.7	145.2	146.8	148.3	149.8	149.8
77.5°	113.1	113.1	113.1	114.7	116.2	114.7	116.2	117.7	117.7	120.8	119.2
80°	82.6	82.6	84.1	85.6	85.6	85.6	85.6	87.1	88.7	90.2	90.2
82.5°	53.5	55.0	55.0	56.6	56.6	56.6	58.1	58.1	59.6	61.2	61.2
85°	27.5	29.0	27.5	29.0	29.0	30.6	30.6	30.6	32.1	33.6	33.6
87.5°	6.1	4.6	4.6	6.1	4.6	6.1	6.1	6.1	6.1	7.6	10.7
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	3.1	3.1	3.1
97.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	4.6	4.6
100°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	6.1	6.1	6.1	7.6
102.5°	6.1	6.1	6.1	6.1	7.6	7.6	7.6	7.6	9.2	10.7	12.2
105°	9.2	9.2	9.2	9.2	9.2	9.2	10.7	12.2	13.8	18.3	26.0
107.5°	12.2	12.2	12.2	13.8	13.8	15.3	15.3	19.9	27.5	38.2	58.1
110°	18.3	19.9	19.9	22.9	26.0	29.0	32.1	44.3	61.2	85.6	105.5



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	38.2	41.3	42.8	52.0	64.2	71.9	78.0	100.9	125.4	140.7	149.8
115°	97.8	102.4	108.5	122.3	139.1	146.8	152.9	166.6	175.8	177.3	174.3
117.5°	183.5	185.0	188.0	195.7	200.3	201.8	201.8	203.3	201.8	197.2	191.1
120°	229.3	229.3	227.8	227.8	226.3	226.3	224.7	220.2	215.6	211.0	203.3
122.5°	247.7	246.1	244.6	243.1	241.6	238.5	237.0	232.4	227.8	221.7	214.0
125°	256.8	256.8	255.3	253.8	250.7	249.2	246.1	241.6	237.0	230.9	223.2
127.5°	266.0	264.5	263.0	261.4	258.4	256.8	255.3	250.7	244.6	238.5	232.4
130°	272.1	272.1	270.6	269.1	266.0	264.5	261.4	258.4	252.3	246.1	240.0
132.5°	278.2	278.2	276.7	275.2	272.1	270.6	269.1	264.5	258.4	253.8	247.7
135°	282.8	282.8	281.3	279.8	276.7	275.2	273.7	270.6	264.5	259.9	253.8
137.5°	287.4	285.9	284.4	284.4	281.3	279.8	278.2	275.2	269.1	264.5	259.9
140°	290.5	289.0	289.0	287.4	284.4	284.4	282.8	278.2	275.2	270.6	266.0
142.5°	292.0	292.0	292.0	290.5	287.4	287.4	285.9	282.8	278.2	275.2	272.1
145°	295.1	293.5	293.5	292.0	290.5	290.5	289.0	285.9	281.3	278.2	275.2
147.5°	296.6	296.6	295.1	295.1	293.5	292.0	292.0	289.0	284.4	281.3	279.8
150°	298.1	298.1	296.6	296.6	295.1	293.5	293.5	290.5	285.9	284.4	281.3
152.5°	298.1	298.1	298.1	296.6	296.6	295.1	293.5	290.5	289.0	285.9	282.8
155°	299.7	299.7	298.1	298.1	296.6	295.1	293.5	292.0	289.0	287.4	284.4
157.5°	298.1	299.7	298.1	296.6	296.6	295.1	293.5	292.0	289.0	289.0	285.9
160°	298.1	298.1	298.1	296.6	296.6	295.1	293.5	292.0	290.5	289.0	285.9
162.5°	296.6	296.6	296.6	296.6	295.1	295.1	293.5	290.5	289.0	289.0	285.9
165°	295.1	296.6	295.1	295.1	293.5	293.5	292.0	290.5	289.0	289.0	285.9
167.5°	293.5	293.5	292.0	292.0	290.5	290.5	289.0	287.4	287.4	287.4	284.4
170°	290.5	290.5	289.0	289.0	289.0	287.4	287.4	285.9	285.9	285.9	282.8
172.5°	287.4	287.4	285.9	285.9	285.9	284.4	284.4	282.8	282.8	282.8	281.3
175°	282.8	282.8	281.3	281.3	281.3	281.3	281.3	279.8	279.8	281.3	279.8
177.5°	276.7	275.2	276.7	276.7	276.7	276.7	276.7	275.2	276.7	276.7	276.7
180°	270.6	270.6	270.6	270.6	270.6	270.6	270.6	270.6	270.6	270.6	270.6



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	847.0	847.0	847.0	847.0	847.0	847.0	847.0	847.0	847.0	847.0	847.0
2.5°	843.9	842.4	840.9	843.9	845.5	847.0	848.5	851.6	853.1	853.1	851.6
5°	840.9	839.3	837.8	840.9	842.4	842.4	843.9	848.5	848.5	850.0	848.5
7.5°	834.7	833.2	833.2	834.7	836.3	837.8	839.3	842.4	843.9	843.9	842.4
10°	827.1	825.6	825.6	827.1	828.6	830.2	830.2	833.2	834.7	836.3	834.7
12.5°	817.9	814.9	814.9	816.4	817.9	819.5	821.0	824.0	825.6	825.6	824.0
15°	804.2	801.1	801.1	804.2	805.7	807.2	807.2	810.3	811.8	811.8	811.8
17.5°	790.4	787.4	787.4	788.9	790.4	791.9	791.9	796.5	796.5	798.1	796.5
20°	773.6	770.5	770.5	772.1	773.6	775.1	775.1	778.2	779.7	781.2	779.7
22.5°	753.7	752.2	752.2	753.7	755.2	756.8	756.8	759.8	761.4	761.4	761.4
25°	733.8	730.8	730.8	732.3	733.8	735.4	736.9	740.0	741.5	741.5	740.0
27.5°	712.4	709.4	707.9	709.4	712.4	714.0	715.5	718.6	720.1	720.1	718.6
30°	689.5	684.9	683.4	686.5	689.5	691.0	691.0	694.1	695.6	694.1	694.1
32.5°	663.5	662.0	658.9	660.5	663.5	665.0	666.6	669.6	671.2	671.2	668.1
35°	639.1	636.0	634.5	634.5	637.5	639.1	640.6	642.1	643.6	645.2	643.6
37.5°	613.1	610.0	608.5	610.0	611.5	613.1	614.6	616.1	617.7	617.7	616.1
40°	585.5	582.5	581.0	582.5	582.5	584.0	587.1	588.6	591.7	590.1	587.1
42.5°	556.5	553.4	553.4	551.9	555.0	558.0	558.0	559.6	562.6	561.1	559.6
45°	527.5	525.9	524.4	525.9	524.4	527.5	530.5	530.5	532.0	530.5	530.5
47.5°	496.9	495.3	495.3	496.9	496.9	496.9	499.9	501.5	501.5	501.5	501.5
50°	466.3	464.8	466.3	467.8	467.8	467.8	469.4	470.9	470.9	470.9	469.4
52.5°	434.2	437.2	435.7	437.2	437.2	438.8	440.3	440.3	441.8	440.3	438.8
55°	400.6	403.6	405.1	406.7	408.2	406.7	408.2	409.7	411.3	408.2	408.2
57.5°	368.5	370.0	371.5	373.0	374.6	373.0	374.6	376.1	374.6	376.1	374.6
60°	337.9	339.4	339.4	342.5	344.0	342.5	344.0	345.5	345.5	345.5	344.0
62.5°	308.8	308.8	308.8	313.4	311.9	311.9	313.4	314.9	314.9	314.9	313.4
65°	276.7	278.2	278.2	279.8	281.3	281.3	281.3	282.8	284.4	282.8	282.8
67.5°	243.1	247.7	246.1	247.7	249.2	250.7	252.3	252.3	252.3	253.8	252.3
70°	214.0	215.6	215.6	218.6	220.2	220.2	221.7	221.7	223.2	223.2	221.7
72.5°	183.5	185.0	186.5	188.0	188.0	189.6	189.6	189.6	192.6	191.1	191.1
75°	152.9	154.4	155.9	157.5	157.5	159.0	159.0	159.0	160.5	162.1	160.5
77.5°	122.3	123.8	125.4	126.9	126.9	128.4	130.0	128.4	130.0	131.5	130.0
80°	93.3	94.8	94.8	96.3	97.8	97.8	99.4	99.4	99.4	100.9	99.4
82.5°	64.2	65.7	65.7	68.8	68.8	70.3	70.3	70.3	70.3	71.9	70.3
85°	36.7	38.2	38.2	39.7	41.3	41.3	42.8	42.8	42.8	44.3	42.8
87.5°	10.7	12.2	12.2	13.8	15.3	15.3	16.8	16.8	16.8	18.3	18.3
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	3.1	3.1	3.1	3.1	1.5	3.1
95°	3.1	3.1	4.6	6.1	6.1	7.6	9.2	9.2	7.6	6.1	6.1
97.5°	4.6	6.1	9.2	13.8	15.3	16.8	18.3	16.8	13.8	10.7	10.7
100°	9.2	13.8	19.9	26.0	29.0	30.6	30.6	26.0	21.4	18.3	15.3
102.5°	18.3	27.5	38.2	45.9	47.4	47.4	44.3	38.2	32.1	26.0	22.9
105°	38.2	55.0	65.7	68.8	67.3	65.7	59.6	52.0	44.3	36.7	32.1
107.5°	76.4	91.7	93.3	90.2	87.1	84.1	74.9	65.7	56.6	48.9	42.8
110°	117.7	120.8	117.7	108.5	105.5	99.4	90.2	81.0	70.3	61.2	55.0



TEST NUMBER: P303053

CATALOG NUMBER: CTW-F-2575-20L840-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	148.3	142.2	134.5	125.4	120.8	116.2	105.5	96.3	84.1	74.9	67.3
115°	168.2	159.0	149.8	140.7	134.5	130.0	119.2	110.1	97.8	88.7	79.5
117.5°	181.9	172.8	163.6	154.4	148.3	143.7	134.5	122.3	111.6	100.9	93.3
120°	194.2	186.5	175.8	166.6	162.1	157.5	146.8	136.1	123.8	114.7	105.5
122.5°	206.4	197.2	188.0	178.9	174.3	169.7	159.0	146.8	137.6	126.9	117.7
125°	215.6	207.9	198.7	189.6	185.0	180.4	169.7	159.0	148.3	139.1	130.0
127.5°	224.7	217.1	207.9	198.7	194.2	189.6	178.9	169.7	160.5	151.4	142.2
130°	233.9	226.3	217.1	207.9	203.3	198.7	189.6	180.4	171.2	162.1	152.9
132.5°	243.1	233.9	226.3	217.1	212.5	207.9	198.7	189.6	181.9	172.8	165.1
135°	249.2	241.6	232.4	224.7	220.2	215.6	207.9	198.7	191.1	183.5	175.8
137.5°	255.3	247.7	238.5	230.9	226.3	223.2	215.6	207.9	200.3	192.6	185.0
140°	259.9	252.3	244.6	237.0	232.4	230.9	223.2	215.6	209.5	201.8	194.2
142.5°	264.5	256.8	249.2	241.6	238.5	237.0	229.3	223.2	217.1	209.5	203.3
145°	269.1	261.4	253.8	247.7	244.6	241.6	235.4	229.3	224.7	218.6	211.0
147.5°	272.1	264.5	258.4	252.3	249.2	247.7	241.6	237.0	230.9	224.7	218.6
150°	275.2	267.5	263.0	256.8	255.3	252.3	246.1	241.6	237.0	232.4	226.3
152.5°	278.2	270.6	266.0	261.4	259.9	256.8	252.3	247.7	244.6	238.5	233.9
155°	278.2	273.7	269.1	264.5	263.0	261.4	256.8	253.8	249.2	244.6	240.0
157.5°	279.8	275.2	270.6	267.5	266.0	264.5	259.9	258.4	253.8	250.7	244.6
160°	281.3	276.7	272.1	270.6	269.1	267.5	264.5	261.4	258.4	255.3	250.7
162.5°	281.3	278.2	273.7	272.1	270.6	270.6	266.0	264.5	261.4	258.4	255.3
165°	281.3	278.2	275.2	273.7	273.7	272.1	269.1	267.5	264.5	263.0	259.9
167.5°	281.3	278.2	276.7	275.2	275.2	273.7	270.6	270.6	267.5	266.0	263.0
170°	279.8	278.2	276.7	275.2	275.2	275.2	272.1	272.1	270.6	269.1	266.0
172.5°	278.2	276.7	275.2	275.2	275.2	273.7	272.1	272.1	272.1	270.6	269.1
175°	276.7	275.2	273.7	273.7	273.7	273.7	272.1	272.1	272.1	272.1	270.6
177.5°	273.7	272.1	272.1	272.1	272.1	272.1	272.1	272.1	272.1	272.1	272.1
180°	270.6	270.6	270.6	270.6	270.6	270.6	270.6	270.6	270.6	270.6	270.6



TEST NUMBER: P303053

CATALOG NUMBER: CTW-F-2575-20L840-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	847.0	847.0	847.0	847.0	847.0	847.0	847.0	847.0	847.0	847.0	847.0
2.5°	847.0	842.4	842.4	842.4	843.9	845.5	845.5	842.4	845.5	850.0	845.5
5°	842.4	837.8	837.8	839.3	839.3	840.9	840.9	837.8	842.4	845.5	840.9
7.5°	837.8	833.2	831.7	833.2	833.2	836.3	834.7	831.7	836.3	837.8	834.7
10°	828.6	824.0	824.0	824.0	825.6	827.1	825.6	822.5	827.1	828.6	825.6
12.5°	817.9	811.8	813.3	813.3	814.9	814.9	813.3	811.8	816.4	817.9	813.3
15°	804.2	799.6	799.6	799.6	801.1	802.6	801.1	798.1	802.6	802.6	798.1
17.5°	788.9	785.8	784.3	784.3	785.8	787.4	785.8	781.2	787.4	787.4	784.3
20°	772.1	769.0	767.5	767.5	769.0	769.0	767.5	764.4	769.0	769.0	764.4
22.5°	753.7	749.1	747.6	749.1	750.7	749.1	747.6	744.5	750.7	747.6	744.5
25°	732.3	730.8	727.7	729.3	729.3	729.3	726.2	724.7	727.7	724.7	721.6
27.5°	712.4	707.9	706.3	707.9	706.3	706.3	703.3	701.7	704.8	701.7	698.7
30°	688.0	683.4	683.4	683.4	683.4	681.9	678.8	678.8	680.3	678.8	674.2
32.5°	663.5	658.9	657.4	660.5	658.9	657.4	654.3	654.3	654.3	651.3	646.7
35°	637.5	632.9	632.9	634.5	632.9	631.4	628.4	628.4	626.8	623.8	620.7
37.5°	610.0	607.0	605.4	608.5	607.0	605.4	600.8	602.4	599.3	597.8	594.7
40°	582.5	579.4	577.9	581.0	581.0	576.4	574.8	574.8	571.8	568.7	565.7
42.5°	553.4	550.4	551.9	553.4	553.4	547.3	547.3	545.8	544.3	541.2	538.2
45°	525.9	522.9	522.9	525.9	524.4	519.8	519.8	516.7	515.2	512.2	507.6
47.5°	496.9	493.8	495.3	495.3	495.3	490.8	490.8	487.7	486.2	483.1	480.1
50°	466.3	464.8	466.3	464.8	466.3	461.7	461.7	458.7	457.1	454.1	449.5
52.5°	435.7	435.7	435.7	437.2	435.7	431.1	431.1	428.1	425.0	423.5	420.4
55°	403.6	405.1	405.1	405.1	405.1	399.0	397.5	394.4	392.9	389.9	386.8
57.5°	371.5	373.0	371.5	371.5	371.5	368.5	366.9	365.4	362.3	359.3	357.7
60°	342.5	342.5	340.9	340.9	340.9	337.9	336.3	334.8	331.8	328.7	328.7
62.5°	311.9	311.9	310.4	310.4	308.8	307.3	305.8	304.2	301.2	299.7	298.1
65°	281.3	281.3	279.8	278.2	278.2	276.7	275.2	272.1	270.6	267.5	267.5
67.5°	252.3	250.7	249.2	249.2	249.2	246.1	244.6	241.6	240.0	238.5	238.5
70°	221.7	220.2	218.6	218.6	218.6	215.6	214.0	211.0	209.5	207.9	207.9
72.5°	191.1	189.6	189.6	188.0	186.5	185.0	183.5	181.9	178.9	178.9	177.3
75°	160.5	159.0	157.5	157.5	155.9	154.4	152.9	149.8	149.8	149.8	148.3
77.5°	130.0	128.4	128.4	126.9	126.9	123.8	122.3	123.8	119.2	119.2	117.7
80°	99.4	97.8	99.4	96.3	96.3	94.8	93.3	93.3	90.2	90.2	88.7
82.5°	70.3	68.8	70.3	68.8	67.3	65.7	65.7	64.2	61.2	61.2	59.6
85°	42.8	41.3	42.8	41.3	39.7	38.2	36.7	36.7	33.6	32.1	32.1
87.5°	18.3	15.3	15.3	13.8	13.8	12.2	12.2	12.2	9.2	9.2	7.6
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°	3.1	4.6	4.6	4.6	6.1	6.1	6.1	4.6	4.6	4.6	4.6
95°	6.1	7.6	9.2	9.2	9.2	10.7	10.7	10.7	10.7	9.2	9.2
97.5°	9.2	10.7	10.7	12.2	12.2	13.8	15.3	15.3	15.3	15.3	15.3
100°	15.3	13.8	15.3	16.8	16.8	16.8	16.8	18.3	18.3	19.9	19.9
102.5°	21.4	19.9	19.9	19.9	19.9	21.4	21.4	21.4	21.4	22.9	22.9
105°	29.0	26.0	24.5	24.5	24.5	26.0	27.5	27.5	26.0	26.0	26.0
107.5°	38.2	33.6	30.6	30.6	30.6	30.6	30.6	32.1	33.6	32.1	32.1
110°	48.9	42.8	39.7	38.2	36.7	35.2	35.2	36.7	38.2	39.7	39.7



TEST NUMBER: P303053

CATALOG NUMBER: CTW-F-2575-20L840-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	59.6	53.5	48.9	47.4	44.3	42.8	41.3	41.3	42.8	44.3	44.3
115°	71.9	65.7	58.1	56.6	53.5	50.5	47.4	47.4	47.4	47.4	48.9
117.5°	84.1	76.4	70.3	67.3	64.2	59.6	55.0	53.5	52.0	52.0	53.5
120°	96.3	90.2	81.0	78.0	74.9	70.3	64.2	61.2	58.1	58.1	58.1
122.5°	108.5	102.4	94.8	90.2	87.1	81.0	74.9	70.3	67.3	64.2	62.7
125°	120.8	114.7	107.0	102.4	99.4	91.7	85.6	81.0	76.4	73.4	70.3
127.5°	133.0	125.4	119.2	116.2	111.6	104.0	97.8	93.3	87.1	82.6	79.5
130°	143.7	137.6	131.5	126.9	123.8	116.2	110.1	104.0	99.4	94.8	90.2
132.5°	155.9	148.3	142.2	139.1	136.1	128.4	122.3	116.2	111.6	107.0	102.4
135°	166.6	159.0	152.9	149.8	146.8	140.7	133.0	128.4	122.3	119.2	114.7
137.5°	175.8	169.7	163.6	160.5	157.5	151.4	145.2	140.7	134.5	130.0	125.4
140°	186.5	178.9	174.3	171.2	168.2	162.1	157.5	152.9	146.8	142.2	137.6
142.5°	195.7	189.6	183.5	180.4	178.9	172.8	166.6	163.6	159.0	154.4	149.8
145°	203.3	197.2	192.6	189.6	186.5	181.9	177.3	174.3	169.7	165.1	160.5
147.5°	211.0	204.9	200.3	198.7	195.7	191.1	186.5	183.5	180.4	177.3	172.8
150°	218.6	212.5	209.5	207.9	204.9	201.8	195.7	194.2	191.1	186.5	183.5
152.5°	226.3	221.7	217.1	215.6	214.0	209.5	204.9	201.8	200.3	195.7	192.6
155°	233.9	227.8	224.7	223.2	221.7	218.6	214.0	211.0	209.5	206.4	203.3
157.5°	238.5	233.9	230.9	229.3	227.8	224.7	221.7	218.6	218.6	214.0	212.5
160°	244.6	240.0	237.0	235.4	235.4	232.4	229.3	226.3	226.3	223.2	221.7
162.5°	249.2	246.1	243.1	243.1	241.6	238.5	237.0	233.9	233.9	232.4	229.3
165°	255.3	250.7	249.2	247.7	247.7	246.1	243.1	240.0	241.6	240.0	237.0
167.5°	258.4	255.3	253.8	253.8	252.3	250.7	249.2	246.1	247.7	246.1	244.6
170°	263.0	258.4	258.4	256.8	256.8	256.8	255.3	252.3	252.3	252.3	250.7
172.5°	264.5	261.4	261.4	261.4	261.4	259.9	259.9	256.8	258.4	258.4	256.8
175°	267.5	264.5	264.5	264.5	264.5	264.5	263.0	261.4	263.0	263.0	261.4
177.5°	269.1	267.5	267.5	267.5	267.5	267.5	267.5	266.0	267.5	269.1	266.0
180°	270.6	270.6	270.6	270.6	270.6	270.6	270.6	270.6	270.6	270.6	270.6



TEST NUMBER: P303053

CATALOG NUMBER: CTW-F-2575-20L840-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	847.0	847.0	847.0	847.0	847.0	847.0	847.0	847.0
2.5°	845.5	845.5	843.9	843.9	845.5	840.9	837.8	837.8
5°	840.9	839.3	839.3	839.3	840.9	837.8	834.7	834.7
7.5°	834.7	833.2	831.7	833.2	834.7	831.7	828.6	828.6
10°	825.6	824.0	822.5	822.5	824.0	821.0	819.5	819.5
12.5°	813.3	810.3	808.8	810.3	811.8	808.8	807.2	807.2
15°	798.1	796.5	796.5	796.5	798.1	795.0	791.9	793.5
17.5°	782.8	781.2	779.7	781.2	781.2	778.2	775.1	775.1
20°	762.9	761.4	759.8	761.4	761.4	758.3	755.2	755.2
22.5°	741.5	740.0	738.4	740.0	740.0	736.9	733.8	733.8
25°	718.6	715.5	715.5	717.0	715.5	714.0	710.9	710.9
27.5°	695.6	692.6	692.6	694.1	692.6	688.0	686.5	684.9
30°	671.2	666.6	666.6	668.1	666.6	662.0	660.5	660.5
32.5°	643.6	640.6	642.1	642.1	640.6	636.0	634.5	634.5
35°	617.7	614.6	616.1	616.1	613.1	610.0	608.5	607.0
37.5°	590.1	588.6	590.1	588.6	587.1	582.5	581.0	581.0
40°	561.1	561.1	562.6	559.6	558.0	555.0	551.9	553.4
42.5°	533.6	532.0	533.6	532.0	530.5	527.5	524.4	524.4
45°	504.5	504.5	503.0	503.0	501.5	498.4	495.3	496.9
47.5°	475.5	475.5	475.5	473.9	472.4	469.4	467.8	467.8
50°	446.4	446.4	444.9	444.9	441.8	438.8	438.8	440.3
52.5°	417.4	415.8	415.8	414.3	414.3	411.3	408.2	408.2
55°	385.3	383.7	382.2	382.2	380.7	379.2	376.1	377.6
57.5°	356.2	353.2	354.7	351.6	351.6	348.6	347.0	347.0
60°	325.6	324.1	324.1	322.6	321.1	319.5	318.0	318.0
62.5°	296.6	293.5	293.5	292.0	292.0	290.5	289.0	289.0
65°	266.0	263.0	263.0	261.4	263.0	259.9	259.9	259.9
67.5°	235.4	233.9	233.9	232.4	232.4	230.9	229.3	230.9
70°	206.4	204.9	203.3	201.8	203.3	201.8	201.8	200.3
72.5°	175.8	174.3	174.3	174.3	172.8	171.2	171.2	171.2
75°	146.8	145.2	145.2	143.7	143.7	142.2	140.7	142.2
77.5°	117.7	116.2	114.7	114.7	114.7	113.1	114.7	113.1
80°	88.7	85.6	85.6	85.6	85.6	84.1	85.6	82.6
82.5°	59.6	56.6	56.6	56.6	55.0	55.0	55.0	53.5
85°	30.6	30.6	30.6	29.0	29.0	29.0	29.0	27.5
87.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
90°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
92.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
95°	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
97.5°	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
100°	19.9	19.9	19.9	19.9	21.4	19.9	19.9	19.9
102.5°	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
105°	27.5	27.5	27.5	27.5	29.0	29.0	29.0	29.0
107.5°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
110°	39.7	38.2	38.2	38.2	36.7	36.7	36.7	36.7



TEST NUMBER: P303053

CATALOG NUMBER: CTW-F-2575-20L840-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	45.9	45.9	45.9	45.9	45.9	45.9	44.3	44.3
115°	50.5	50.5	52.0	52.0	52.0	52.0	52.0	52.0
117.5°	53.5	55.0	55.0	55.0	56.6	56.6	56.6	56.6
120°	58.1	58.1	58.1	58.1	59.6	59.6	59.6	59.6
122.5°	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
125°	68.8	67.3	67.3	67.3	67.3	67.3	65.7	65.7
127.5°	76.4	74.9	73.4	73.4	71.9	71.9	70.3	70.3
130°	85.6	84.1	82.6	81.0	79.5	79.5	78.0	78.0
132.5°	97.8	94.8	93.3	91.7	90.2	88.7	87.1	87.1
135°	110.1	107.0	105.5	104.0	100.9	99.4	97.8	97.8
137.5°	122.3	119.2	117.7	116.2	113.1	111.6	110.1	110.1
140°	134.5	131.5	130.0	128.4	125.4	123.8	122.3	122.3
142.5°	145.2	142.2	142.2	140.7	137.6	136.1	134.5	134.5
145°	157.5	154.4	152.9	152.9	149.8	146.8	146.8	145.2
147.5°	168.2	166.6	165.1	163.6	162.1	159.0	159.0	157.5
150°	180.4	177.3	175.8	175.8	172.8	171.2	169.7	169.7
152.5°	191.1	188.0	186.5	186.5	185.0	183.5	181.9	181.9
155°	200.3	197.2	197.2	197.2	195.7	194.2	192.6	192.6
157.5°	209.5	207.9	206.4	206.4	206.4	203.3	203.3	203.3
160°	218.6	217.1	217.1	217.1	215.6	214.0	214.0	214.0
162.5°	227.8	226.3	226.3	226.3	224.7	223.2	223.2	223.2
165°	235.4	233.9	233.9	233.9	233.9	232.4	232.4	232.4
167.5°	243.1	241.6	241.6	241.6	241.6	240.0	240.0	240.0
170°	249.2	249.2	247.7	247.7	247.7	247.7	246.1	247.7
172.5°	255.3	255.3	253.8	253.8	255.3	253.8	252.3	253.8
175°	261.4	261.4	259.9	259.9	259.9	258.4	256.8	258.4
177.5°	267.5	266.0	266.0	266.0	266.0	264.5	261.4	261.4
180°	270.6	270.6	270.6	270.6	270.6	270.6	270.6	270.6

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