

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: P303248

Luminaire Tested: **CTW-F-7525-50L935-UNV-STD-8**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303248
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-14)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: CTW-F-7525-50L935-UNV-STD-8
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
75% UPLIGHT, 25% DOWNLIGHT, 5000 LUMEN PACKAGE
Light Source: 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

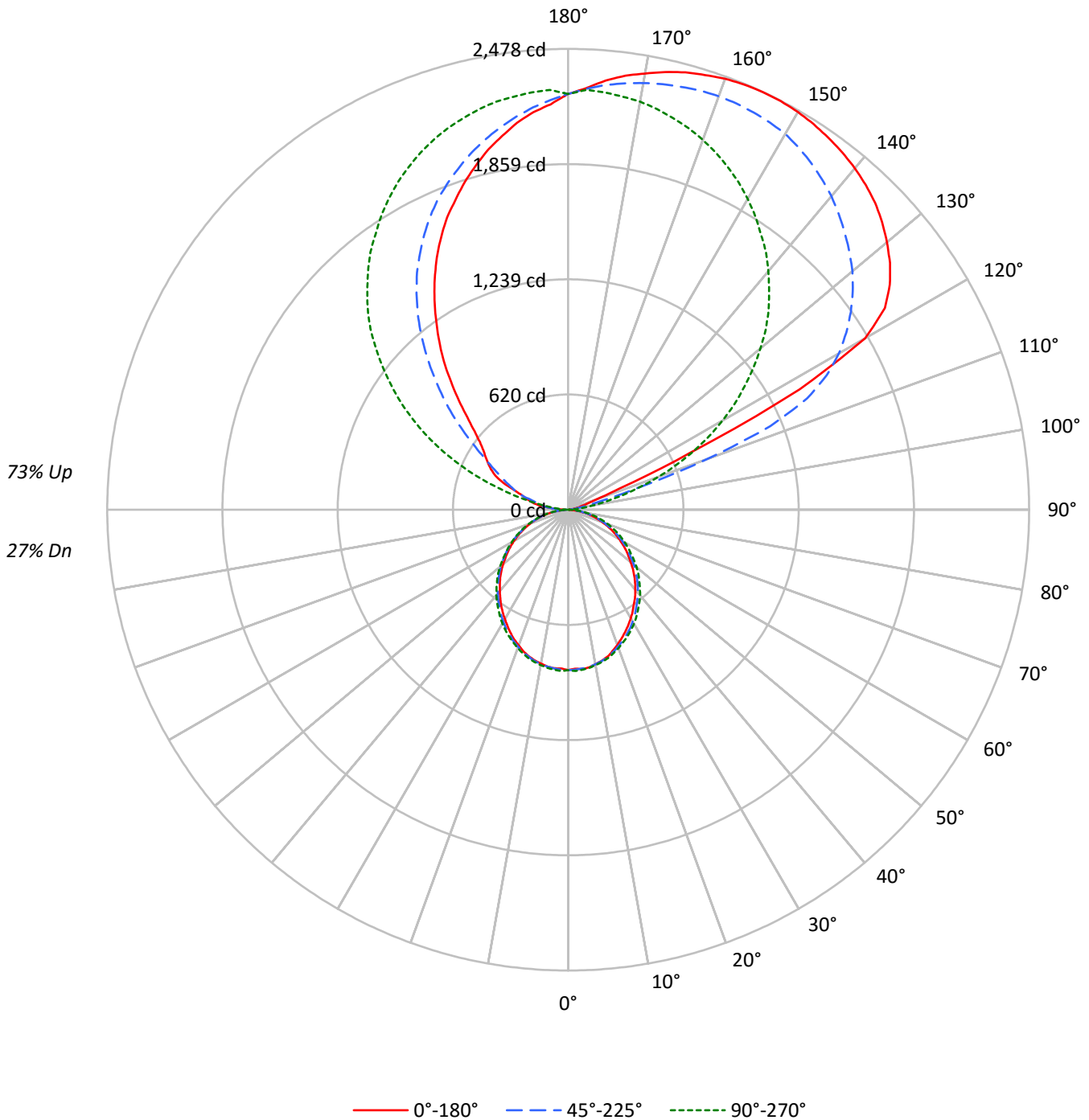
Lumens per Lamp: N/A
Luminaire Lumens: 8609.1 lumens
Efficiency: N/A
Efficacy: 116.8 lumens/watt
Spacing Criteria (0/90/45): 1.17 / 1.22 / 1.32
Luminous Opening: Rectangular (W 8' x L: 0.12' x H: 0')
CIE Type: Semi-Indirect

Input Watts (W): 73.7
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	102	102	102	102	91	91	91	91	70	70	70	52	52	52	35	35	35	27
1	93	88	85	81	82	79	76	73	61	59	57	45	44	43	31	30	29	22
2	84	77	71	66	75	69	64	60	54	50	47	40	38	36	27	26	24	19
3	77	68	61	55	68	61	55	50	47	43	40	35	32	30	24	22	21	16
4	70	60	52	46	62	53	47	42	42	37	34	31	28	26	21	19	18	13
5	64	53	45	39	57	48	41	36	37	33	29	28	25	22	19	17	15	12
6	59	47	40	34	52	43	36	31	34	29	25	25	22	19	17	15	14	10
7	54	43	35	30	48	38	32	27	30	25	22	23	19	17	16	14	12	9
8	50	38	31	26	45	35	28	24	27	23	19	21	17	15	14	12	11	8
9	47	35	28	23	42	32	25	21	25	20	17	19	16	13	13	11	10	7
10	44	32	25	20	39	29	23	19	23	18	15	17	14	12	12	10	9	7

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	9286	9286	9286
5°	9285	9340	9247
10°	9223	9278	9184
15°	9115	9211	9095
20°	8857	9073	8896
25°	8611	8937	8693
30°	8369	8796	8454
35°	8101	8599	8259
40°	7888	8445	8033
45°	7654	8231	7864
50°	7325	8016	7641
55°	7109	7724	7433
60°	6820	7563	7229
65°	6535	7368	7017
70°	6124	7153	6776
75°	5656	6945	6446
80°	4699	6403	5870
85°	2556	5743	4471



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.4	0.9
10°-20°	230.3	2.7
20°-30°	340.0	3.9
30°-40°	398.9	4.6
40°-50°	404.6	4.7
50°-60°	358.5	4.2
60°-70°	274.4	3.2
70°-80°	162.8	1.9
80°-90°	45.1	0.5
90°-100°	63.0	0.7
100°-110°	267.7	3.1
110°-120°	761.7	8.8
120°-130°	1113.3	12.9
130°-140°	1201.1	14.0
140°-150°	1143.3	13.3
150°-160°	938.1	10.9
160°-170°	612.5	7.1
170°-180°	212.2	2.5
0°-30°	651.7	7.6
0°-40°	1050.7	12.2
0°-60°	1813.8	21.1
0°-90°	2296.2	26.7
90°-120°	1092.4	12.7
90°-150°	4550.0	52.9
90°-180°	6313.0	73.3
0°-180°	8609.1	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	863	863	863	863	863	
5°	859	858	864	858	856	82
15°	818	820	827	820	816	230
25°	725	742	752	742	732	334
35°	616	639	654	642	628	387
45°	503	524	541	530	517	387
55°	379	396	412	410	396	338
65°	257	270	289	284	276	254
75°	136	145	167	160	155	143
85°	21	31	46	41	36	29
90°	3	3	2	12	19	3
95°	16	19	46	86	83	17
105°	74	188	301	208	234	86
115°	720	1417	740	384	430	837
125°	2111	1855	1157	634	556	1870
135°	2333	2103	1524	1025	830	1800
145°	2440	2276	1806	1421	1236	1531
155°	2478	2357	2032	1748	1617	1145
165°	2435	2354	2180	1992	1917	690
175°	2316	2292	2252	2171	2146	223
180°	2235	2235	2235	2235	2235	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	862.7	862.7	862.7	862.7	862.7	862.7	862.7	862.7	862.7	862.7	862.7
2.5°	855.8	855.8	857.6	861.0	861.0	861.0	862.7	864.4	862.7	866.2	861.0
5°	859.3	857.6	857.6	857.6	857.6	859.3	859.3	861.0	859.3	862.7	857.6
7.5°	855.8	854.1	854.1	852.4	850.7	850.7	852.4	854.1	852.4	855.8	852.4
10°	843.8	842.1	843.8	842.1	842.1	843.8	843.8	843.8	845.5	847.2	843.8
12.5°	831.7	831.7	830.0	830.0	830.0	830.0	831.7	833.4	833.4	835.2	833.4
15°	818.0	814.5	816.2	818.0	816.2	818.0	818.0	819.7	819.7	821.4	819.7
17.5°	795.6	795.6	797.3	799.0	799.0	799.0	800.7	800.7	802.5	804.2	802.5
20°	773.2	773.2	773.2	776.6	776.6	776.6	778.3	780.1	781.8	783.5	783.5
22.5°	749.1	749.1	749.1	752.5	752.5	752.5	756.0	757.7	759.4	761.1	762.8
25°	725.0	725.0	726.7	728.4	728.4	728.4	731.9	733.6	735.3	737.0	742.2
27.5°	699.1	699.1	700.9	702.6	704.3	706.0	707.7	709.5	712.9	714.6	719.8
30°	673.3	671.6	673.3	676.7	678.5	678.5	681.9	683.6	687.1	688.8	694.0
32.5°	645.8	644.0	645.8	649.2	650.9	650.9	654.4	656.1	659.5	661.2	668.1
35°	616.5	616.5	619.9	619.9	621.6	623.4	625.1	628.5	632.0	633.7	638.9
37.5°	590.6	588.9	592.4	592.4	594.1	595.8	597.5	601.0	604.4	607.9	611.3
40°	561.4	557.9	561.4	563.1	564.8	566.5	568.3	570.0	575.1	578.6	582.0
42.5°	532.1	528.7	532.1	533.8	537.3	537.3	537.3	540.7	545.9	549.3	552.8
45°	502.8	499.4	502.8	502.8	506.3	508.0	508.0	509.7	514.9	518.3	523.5
47.5°	471.8	471.8	473.6	475.3	477.0	477.0	478.7	480.4	483.9	490.8	492.5
50°	437.4	437.4	439.1	442.6	444.3	447.7	447.7	449.4	452.9	458.1	461.5
52.5°	408.1	406.4	408.1	409.8	411.6	413.3	413.3	415.0	418.4	423.6	427.1
55°	378.8	378.8	378.8	380.6	382.3	382.3	384.0	385.7	387.5	390.9	396.1
57.5°	347.8	347.8	349.6	349.6	351.3	351.3	353.0	354.7	356.5	359.9	365.1
60°	316.8	318.6	316.8	318.6	320.3	320.3	322.0	323.7	325.5	328.9	334.1
62.5°	287.6	287.6	287.6	287.6	289.3	289.3	291.0	292.7	296.2	297.9	301.4
65°	256.6	256.6	256.6	256.6	260.0	260.0	260.0	263.5	265.2	265.2	270.4
67.5°	225.6	227.3	225.6	227.3	229.0	229.0	229.0	232.5	234.2	235.9	237.6
70°	194.6	196.3	196.3	196.3	198.0	198.0	198.0	201.5	203.2	204.9	206.6
72.5°	165.3	165.3	167.0	167.0	167.0	167.0	168.8	170.5	172.2	173.9	175.6
75°	136.0	136.0	136.0	136.0	137.8	137.8	137.8	141.2	142.9	144.6	144.6
77.5°	105.0	106.8	105.0	105.0	106.8	106.8	108.5	110.2	111.9	115.4	117.1
80°	75.8	75.8	77.5	77.5	79.2	77.5	79.2	80.9	82.7	86.1	86.1
82.5°	48.2	48.2	48.2	49.9	49.9	51.7	51.7	51.7	53.4	56.8	58.5
85°	20.7	20.7	20.7	20.7	24.1	24.1	24.1	25.8	27.6	29.3	31.0
87.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	5.2	5.2
90°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
92.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
95°	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	17.2	17.2	18.9
97.5°	24.1	24.1	24.1	24.1	24.1	25.8	25.8	27.6	29.3	31.0	34.4
100°	36.2	36.2	37.9	37.9	37.9	39.6	39.6	43.1	46.5	51.7	60.3
102.5°	53.4	51.7	53.4	53.4	55.1	56.8	58.5	63.7	70.6	82.7	101.6
105°	74.0	72.3	74.0	75.8	79.2	82.7	86.1	96.4	111.9	139.5	187.7
107.5°	105.0	103.3	106.8	111.9	118.8	127.4	136.0	155.0	203.2	280.7	396.1
110°	155.0	161.9	168.8	184.3	206.6	230.7	246.2	328.9	430.5	597.5	788.7



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	297.9	320.3	341.0	392.6	464.9	532.1	571.7	756.0	910.9	1074.5	1176.1
115°	719.8	773.2	790.4	921.3	1031.5	1122.7	1162.4	1313.9	1381.0	1413.8	1417.2
117.5°	1403.4	1453.4	1453.4	1530.9	1592.9	1622.1	1625.6	1641.1	1629.0	1608.3	1567.0
120°	1842.5	1846.0	1852.9	1851.2	1852.9	1849.4	1837.4	1815.0	1773.7	1730.6	1680.7
122.5°	2018.2	2014.7	2009.6	1994.1	1976.9	1966.5	1947.6	1914.9	1873.5	1823.6	1771.9
125°	2111.2	2106.0	2099.1	2083.6	2061.2	2052.6	2030.2	1994.1	1952.7	1904.5	1854.6
127.5°	2180.1	2174.9	2166.3	2152.5	2130.1	2119.8	2099.1	2061.2	2021.6	1978.6	1928.6
130°	2236.9	2231.7	2223.1	2214.5	2193.8	2180.1	2161.1	2123.2	2087.1	2042.3	1994.1
132.5°	2288.5	2281.7	2273.0	2266.2	2245.5	2235.2	2214.5	2180.1	2143.9	2100.8	2050.9
135°	2333.3	2324.7	2314.4	2307.5	2288.5	2276.5	2257.5	2226.5	2192.1	2150.8	2102.6
137.5°	2367.8	2359.1	2350.5	2340.2	2324.7	2307.5	2297.1	2269.6	2235.2	2197.3	2154.2
140°	2397.0	2390.1	2381.5	2374.6	2357.4	2340.2	2329.9	2305.8	2273.0	2240.3	2200.7
142.5°	2421.1	2416.0	2407.4	2398.7	2383.2	2367.8	2359.1	2336.8	2310.9	2276.5	2240.3
145°	2440.1	2434.9	2428.0	2421.1	2405.6	2393.6	2383.2	2367.8	2341.9	2307.5	2276.5
147.5°	2457.3	2452.1	2447.0	2440.1	2424.6	2416.0	2407.4	2390.1	2364.3	2333.3	2307.5
150°	2469.3	2464.2	2459.0	2453.9	2438.4	2429.7	2424.6	2407.4	2385.0	2354.0	2333.3
152.5°	2476.2	2471.1	2465.9	2462.5	2447.0	2438.4	2433.2	2417.7	2395.3	2367.8	2347.1
155°	2478.0	2474.5	2469.3	2464.2	2448.7	2438.4	2436.6	2421.1	2402.2	2376.4	2357.4
157.5°	2474.5	2469.3	2464.2	2459.0	2443.5	2436.6	2433.2	2421.1	2403.9	2383.2	2364.3
160°	2465.9	2460.7	2459.0	2452.1	2440.1	2434.9	2431.5	2421.1	2405.6	2386.7	2366.0
162.5°	2450.4	2448.7	2447.0	2441.8	2433.2	2428.0	2426.3	2416.0	2400.5	2385.0	2362.6
165°	2434.9	2431.5	2428.0	2422.9	2416.0	2412.5	2409.1	2402.2	2386.7	2376.4	2354.0
167.5°	2410.8	2405.6	2402.2	2397.0	2388.4	2390.1	2386.7	2383.2	2371.2	2366.0	2343.6
170°	2381.5	2379.8	2374.6	2371.2	2366.0	2367.8	2366.0	2362.6	2352.3	2348.8	2329.9
172.5°	2354.0	2348.8	2347.1	2343.6	2338.5	2336.8	2338.5	2335.0	2329.9	2331.6	2312.6
175°	2316.1	2310.9	2310.9	2307.5	2304.0	2305.8	2307.5	2309.2	2302.3	2309.2	2292.0
177.5°	2269.6	2266.2	2269.6	2273.0	2271.3	2274.8	2276.5	2278.2	2274.8	2281.7	2266.2
180°	2235.2	2235.2	2235.2	2235.2	2235.2	2235.2	2235.2	2235.2	2235.2	2235.2	2235.2



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	862.7	862.7	862.7	862.7	862.7	862.7	862.7	862.7	862.7	862.7	862.7
2.5°	857.6	857.6	857.6	857.6	857.6	857.6	857.6	861.0	866.2	867.9	866.2
5°	854.1	855.8	854.1	855.8	855.8	855.8	855.8	859.3	862.7	864.4	862.7
7.5°	848.9	850.7	848.9	848.9	850.7	848.9	850.7	852.4	855.8	857.6	855.8
10°	840.3	840.3	840.3	842.1	842.1	842.1	842.1	845.5	848.9	848.9	847.2
12.5°	828.3	830.0	830.0	831.7	831.7	830.0	831.7	835.2	836.9	838.6	836.9
15°	816.2	816.2	816.2	818.0	818.0	818.0	818.0	821.4	824.8	826.6	824.8
17.5°	797.3	799.0	799.0	800.7	800.7	802.5	800.7	805.9	807.6	809.3	807.6
20°	780.1	780.1	781.8	781.8	783.5	783.5	783.5	787.0	790.4	792.1	790.4
22.5°	759.4	761.1	761.1	762.8	764.6	762.8	764.6	768.0	769.7	771.5	771.5
25°	737.0	738.7	738.7	742.2	742.2	742.2	742.2	745.6	749.1	752.5	750.8
27.5°	714.6	714.6	716.4	719.8	719.8	721.5	721.5	725.0	728.4	730.1	728.4
30°	690.5	690.5	692.2	694.0	695.7	695.7	697.4	700.9	704.3	707.7	704.3
32.5°	666.4	664.7	668.1	669.9	671.6	671.6	671.6	676.7	678.5	681.9	680.2
35°	638.9	637.1	640.6	642.3	644.0	644.0	647.5	649.2	652.6	654.4	652.6
37.5°	613.0	611.3	614.8	616.5	616.5	618.2	619.9	623.4	626.8	628.5	628.5
40°	585.5	583.8	585.5	588.9	588.9	590.6	592.4	594.1	595.8	601.0	599.3
42.5°	557.9	556.2	557.9	559.7	561.4	561.4	564.8	564.8	570.0	570.0	570.0
45°	525.2	526.9	528.7	532.1	532.1	530.4	533.8	535.5	540.7	540.7	539.0
47.5°	495.9	497.7	497.7	502.8	502.8	501.1	504.5	506.3	509.7	511.4	509.7
50°	464.9	466.7	468.4	471.8	471.8	471.8	473.6	477.0	478.7	478.7	478.7
52.5°	428.8	430.5	433.9	439.1	439.1	439.1	442.6	442.6	446.0	446.0	447.7
55°	397.8	399.5	402.9	406.4	406.4	408.1	409.8	411.6	413.3	411.6	413.3
57.5°	366.8	370.2	373.7	375.4	375.4	377.1	378.8	380.6	382.3	382.3	382.3
60°	335.8	337.5	339.2	344.4	344.4	346.1	347.8	349.6	349.6	351.3	351.3
62.5°	304.8	308.2	310.0	311.7	315.1	313.4	316.8	316.8	318.6	320.3	320.3
65°	272.1	273.8	277.2	280.7	280.7	282.4	285.9	285.9	287.6	289.3	289.3
67.5°	241.1	246.2	246.2	249.7	251.4	251.4	253.1	256.6	256.6	258.3	258.3
70°	208.4	213.5	215.3	217.0	218.7	220.4	222.1	223.9	225.6	227.3	227.3
72.5°	179.1	182.5	184.3	186.0	187.7	187.7	191.1	191.1	194.6	196.3	196.3
75°	146.4	149.8	151.5	155.0	156.7	158.4	160.1	160.1	163.6	167.0	165.3
77.5°	118.8	120.5	122.3	124.0	125.7	127.4	129.2	130.9	132.6	134.3	134.3
80°	89.5	91.3	91.3	94.7	96.4	98.2	99.9	101.6	101.6	103.3	105.0
82.5°	60.3	62.0	63.7	65.4	67.2	68.9	70.6	72.3	72.3	74.0	74.0
85°	32.7	34.4	36.2	37.9	39.6	41.3	43.1	44.8	44.8	46.5	46.5
87.5°	6.9	8.6	10.3	12.1	13.8	15.5	17.2	18.9	18.9	20.7	20.7
90°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	1.7	1.7
92.5°	8.6	10.3	10.3	13.8	15.5	17.2	20.7	24.1	20.7	17.2	18.9
95°	20.7	25.8	31.0	41.3	48.2	55.1	65.4	65.4	53.4	46.5	43.1
97.5°	41.3	51.7	68.9	93.0	108.5	118.8	130.9	124.0	103.3	86.1	77.5
100°	74.0	99.9	132.6	186.0	208.4	220.4	223.9	204.9	170.5	142.9	124.0
102.5°	132.6	192.9	266.9	334.1	354.7	358.2	335.8	301.4	254.9	213.5	184.3
105°	263.5	380.6	473.6	530.4	537.3	525.2	473.6	418.4	356.5	301.4	256.6
107.5°	556.2	676.7	725.0	728.4	712.9	683.6	618.2	554.5	468.4	401.2	342.7
110°	921.3	962.6	941.9	900.6	869.6	823.1	747.3	676.7	585.5	514.9	444.3



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	1191.6	1171.0	1115.9	1041.8	998.8	957.4	878.2	800.7	702.6	628.5	552.8
115°	1375.9	1320.8	1250.2	1167.5	1119.3	1081.4	1002.2	909.2	816.2	740.5	661.2
117.5°	1508.5	1434.4	1362.1	1284.6	1239.8	1196.8	1115.9	1024.6	926.4	852.4	771.5
120°	1610.1	1539.5	1463.7	1389.7	1343.2	1307.0	1226.1	1129.6	1036.6	955.7	883.4
122.5°	1703.1	1630.7	1560.1	1489.5	1448.2	1406.9	1319.1	1226.1	1136.5	1062.5	986.7
125°	1787.4	1715.1	1648.0	1580.8	1536.0	1493.0	1406.9	1320.8	1234.7	1157.2	1090.0
127.5°	1864.9	1797.8	1728.9	1665.2	1618.7	1575.6	1493.0	1408.6	1331.1	1255.3	1188.2
130°	1933.8	1873.5	1806.4	1742.7	1694.4	1653.1	1573.9	1494.7	1420.7	1348.3	1279.4
132.5°	1997.5	1940.7	1877.0	1808.1	1761.6	1725.4	1651.4	1575.6	1508.5	1441.3	1370.7
135°	2057.8	1997.5	1935.5	1868.4	1825.3	1792.6	1718.6	1648.0	1586.0	1524.0	1458.5
137.5°	2114.6	2045.7	1987.2	1921.8	1883.9	1852.9	1785.7	1720.3	1661.7	1598.0	1539.5
140°	2157.7	2092.2	2032.0	1970.0	1939.0	1911.4	1846.0	1785.7	1732.3	1673.8	1617.0
142.5°	2195.6	2130.1	2076.7	2016.5	1987.2	1963.1	1902.8	1847.7	1799.5	1746.1	1689.3
145°	2224.8	2164.6	2116.3	2061.2	2035.4	2011.3	1952.7	1904.5	1859.8	1806.4	1756.4
147.5°	2252.4	2197.3	2152.5	2100.8	2080.2	2056.1	2002.7	1959.6	1918.3	1871.8	1821.9
150°	2274.8	2226.5	2183.5	2137.0	2118.1	2095.7	2047.5	2007.9	1970.0	1930.4	1883.9
152.5°	2292.0	2250.7	2212.8	2169.7	2152.5	2131.8	2090.5	2056.1	2021.6	1983.7	1940.7
155°	2304.0	2271.3	2236.9	2200.7	2181.8	2166.3	2126.7	2097.4	2068.1	2032.0	1992.4
157.5°	2316.1	2286.8	2252.4	2221.4	2207.6	2190.4	2157.7	2133.6	2107.7	2076.7	2040.6
160°	2321.3	2297.1	2266.2	2240.3	2228.3	2214.5	2183.5	2164.6	2142.2	2116.3	2083.6
162.5°	2323.0	2302.3	2276.5	2255.8	2245.5	2233.4	2205.9	2190.4	2173.2	2150.8	2119.8
165°	2323.0	2305.8	2285.1	2267.9	2259.3	2248.9	2224.8	2212.8	2197.3	2180.1	2152.5
167.5°	2317.8	2304.0	2286.8	2273.0	2266.2	2255.8	2238.6	2231.7	2219.7	2205.9	2183.5
170°	2309.2	2298.9	2285.1	2276.5	2269.6	2261.0	2248.9	2243.8	2238.6	2228.3	2205.9
172.5°	2297.1	2288.5	2278.2	2273.0	2269.6	2262.7	2250.7	2252.4	2248.9	2240.3	2224.8
175°	2279.9	2274.8	2269.6	2266.2	2262.7	2257.5	2250.7	2254.1	2255.8	2252.4	2238.6
177.5°	2257.5	2255.8	2254.1	2254.1	2248.9	2248.9	2245.5	2252.4	2259.3	2259.3	2248.9
180°	2235.2	2235.2	2235.2	2235.2	2235.2	2235.2	2235.2	2235.2	2235.2	2235.2	2235.2



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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	862.7	862.7	862.7	862.7	862.7	862.7	862.7	862.7	862.7	862.7	862.7
2.5°	862.7	859.3	857.6	857.6	857.6	855.8	855.8	857.6	861.0	866.2	861.0
5°	861.0	855.8	855.8	855.8	855.8	854.1	852.4	854.1	857.6	862.7	857.6
7.5°	854.1	850.7	848.9	848.9	848.9	847.2	847.2	847.2	850.7	855.8	850.7
10°	845.5	842.1	842.1	842.1	840.3	838.6	838.6	838.6	843.8	847.2	842.1
12.5°	835.2	831.7	831.7	830.0	830.0	828.3	826.6	828.3	833.4	835.2	831.7
15°	821.4	818.0	818.0	818.0	816.2	816.2	814.5	814.5	819.7	821.4	818.0
17.5°	805.9	802.5	800.7	802.5	800.7	799.0	799.0	799.0	802.5	804.2	799.0
20°	787.0	783.5	783.5	781.8	781.8	780.1	780.1	780.1	785.2	783.5	780.1
22.5°	768.0	764.6	764.6	762.8	762.8	761.1	759.4	759.4	766.3	761.1	759.4
25°	747.3	743.9	743.9	742.2	740.5	738.7	738.7	738.7	742.2	738.7	737.0
27.5°	726.7	723.2	723.2	721.5	719.8	716.4	716.4	716.4	721.5	716.4	716.4
30°	700.9	699.1	699.1	697.4	694.0	692.2	692.2	694.0	697.4	692.2	690.5
32.5°	676.7	673.3	673.3	673.3	669.9	668.1	668.1	669.9	671.6	666.4	664.7
35°	649.2	647.5	647.5	645.8	642.3	642.3	640.6	642.3	642.3	638.9	637.1
37.5°	623.4	621.6	619.9	619.9	616.5	616.5	616.5	618.2	616.5	613.0	611.3
40°	595.8	594.1	592.4	590.6	588.9	588.9	588.9	592.4	588.9	585.5	583.8
42.5°	568.3	566.5	564.8	563.1	561.4	561.4	561.4	563.1	559.7	557.9	556.2
45°	537.3	537.3	535.5	533.8	533.8	533.8	532.1	533.8	530.4	528.7	525.2
47.5°	508.0	508.0	506.3	506.3	504.5	504.5	504.5	504.5	501.1	501.1	497.7
50°	478.7	477.0	475.3	477.0	477.0	475.3	475.3	473.6	471.8	471.8	466.7
52.5°	446.0	447.7	442.6	444.3	446.0	442.6	442.6	440.8	440.8	437.4	433.9
55°	413.3	413.3	413.3	413.3	415.0	411.6	409.8	408.1	409.8	406.4	402.9
57.5°	382.3	382.3	382.3	382.3	384.0	380.6	378.8	380.6	378.8	375.4	373.7
60°	353.0	351.3	351.3	351.3	353.0	349.6	349.6	347.8	347.8	342.7	342.7
62.5°	322.0	320.3	322.0	320.3	322.0	320.3	316.8	318.6	316.8	313.4	311.7
65°	291.0	289.3	291.0	289.3	289.3	287.6	285.9	285.9	284.1	282.4	280.7
67.5°	260.0	258.3	258.3	258.3	260.0	256.6	258.3	254.9	253.1	253.1	249.7
70°	227.3	227.3	227.3	225.6	227.3	223.9	223.9	223.9	222.1	220.4	218.7
72.5°	198.0	196.3	196.3	194.6	196.3	194.6	192.9	192.9	191.1	191.1	189.4
75°	165.3	165.3	165.3	165.3	165.3	163.6	161.9	161.9	160.1	160.1	158.4
77.5°	134.3	134.3	134.3	134.3	134.3	134.3	130.9	130.9	130.9	130.9	127.4
80°	105.0	105.0	105.0	103.3	105.0	103.3	101.6	101.6	101.6	99.9	98.2
82.5°	75.8	75.8	75.8	74.0	75.8	74.0	74.0	72.3	70.6	70.6	67.2
85°	46.5	48.2	48.2	46.5	46.5	46.5	46.5	43.1	41.3	41.3	39.6
87.5°	20.7	20.7	20.7	18.9	18.9	18.9	17.2	17.2	15.5	15.5	15.5
90°	3.4	5.2	6.9	8.6	8.6	10.3	12.1	12.1	12.1	12.1	13.8
92.5°	27.6	36.2	37.9	41.3	39.6	41.3	41.3	39.6	41.3	37.9	39.6
95°	48.2	55.1	67.2	74.0	79.2	87.8	91.3	89.5	86.1	84.4	86.1
97.5°	75.8	82.7	87.8	89.5	93.0	105.0	117.1	125.7	132.6	136.0	139.5
100°	117.1	111.9	118.8	124.0	127.4	125.7	130.9	141.2	149.8	156.7	163.6
102.5°	168.8	155.0	149.8	153.3	158.4	168.8	168.8	167.0	170.5	175.6	186.0
105°	229.0	210.1	196.3	194.6	194.6	201.5	213.5	218.7	208.4	208.4	211.8
107.5°	303.1	272.1	251.4	244.5	242.8	239.4	248.0	261.7	270.4	268.6	258.3
110°	387.5	346.1	316.8	304.8	297.9	287.6	289.3	294.5	304.8	318.6	327.2



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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	487.3	435.7	390.9	375.4	358.2	344.4	334.1	335.8	341.0	351.3	363.3
115°	592.4	533.8	477.0	456.3	435.7	404.7	387.5	382.3	384.0	387.5	394.3
117.5°	699.1	635.4	571.7	545.9	521.8	485.6	452.9	435.7	428.8	427.1	433.9
120°	807.6	737.0	675.0	645.8	616.5	575.1	532.1	499.4	485.6	475.3	475.3
122.5°	914.4	845.5	776.6	747.3	714.6	666.4	619.9	578.6	551.0	530.4	521.8
125°	1016.0	952.3	879.9	852.4	818.0	764.6	712.9	669.9	633.7	601.0	580.3
127.5°	1115.9	1053.9	981.5	954.0	923.0	866.2	818.0	766.3	728.4	687.1	656.1
130°	1214.0	1152.0	1083.1	1055.6	1026.3	971.2	914.4	864.4	826.6	785.2	750.8
132.5°	1307.0	1245.0	1183.0	1152.0	1122.7	1071.1	1016.0	966.0	924.7	885.1	852.4
135°	1398.3	1332.8	1274.3	1245.0	1215.7	1167.5	1115.9	1069.4	1024.6	983.3	950.5
137.5°	1480.9	1420.7	1363.8	1334.6	1307.0	1260.5	1215.7	1172.7	1127.9	1084.9	1048.7
140°	1560.1	1501.6	1448.2	1422.4	1394.8	1348.3	1308.7	1270.8	1229.5	1179.6	1148.6
142.5°	1635.9	1577.4	1530.9	1505.0	1475.8	1436.1	1396.5	1362.1	1327.7	1284.6	1248.5
145°	1706.5	1648.0	1604.9	1582.5	1555.0	1517.1	1479.2	1448.2	1420.7	1377.6	1344.9
147.5°	1773.7	1720.3	1679.0	1654.8	1632.5	1596.3	1560.1	1530.9	1511.9	1468.9	1437.9
150°	1839.1	1784.0	1747.8	1725.4	1703.1	1670.3	1637.6	1610.1	1592.9	1556.7	1527.4
152.5°	1897.6	1847.7	1815.0	1794.3	1773.7	1740.9	1709.9	1684.1	1672.1	1634.2	1617.0
155°	1954.5	1906.3	1877.0	1859.8	1839.1	1802.9	1778.8	1753.0	1747.8	1715.1	1691.0
157.5°	2004.4	1961.4	1932.1	1914.9	1897.6	1866.6	1842.5	1821.9	1816.7	1787.4	1765.1
160°	2047.5	2009.6	1983.7	1970.0	1954.5	1923.5	1901.1	1883.9	1877.0	1856.3	1835.7
162.5°	2090.5	2054.3	2032.0	2018.2	2006.1	1976.9	1957.9	1940.7	1935.5	1921.8	1901.1
165°	2126.7	2094.0	2073.3	2063.0	2052.6	2026.8	2009.6	1994.1	1992.4	1982.0	1959.6
167.5°	2159.4	2130.1	2112.9	2104.3	2094.0	2071.6	2057.8	2044.0	2042.3	2040.6	2016.5
170°	2185.2	2161.1	2145.6	2138.7	2131.8	2111.2	2099.1	2088.8	2088.8	2090.5	2069.8
172.5°	2207.6	2186.9	2176.6	2168.0	2164.6	2145.6	2137.0	2128.4	2131.8	2135.3	2116.3
175°	2224.8	2207.6	2197.3	2193.8	2190.4	2174.9	2169.7	2166.3	2171.4	2178.3	2159.4
177.5°	2240.3	2224.8	2219.7	2216.2	2214.5	2202.4	2200.7	2197.3	2204.2	2214.5	2199.0
180°	2235.2	2235.2	2235.2	2235.2	2235.2	2235.2	2235.2	2235.2	2235.2	2235.2	2235.2



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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	862.7	862.7	862.7	862.7	862.7	862.7	862.7	862.7
2.5°	862.7	862.7	862.7	861.0	859.3	857.6	854.1	854.1
5°	859.3	859.3	857.6	857.6	855.8	855.8	854.1	855.8
7.5°	852.4	852.4	850.7	850.7	850.7	850.7	848.9	850.7
10°	843.8	843.8	840.3	840.3	840.3	840.3	840.3	840.3
12.5°	831.7	830.0	830.0	828.3	828.3	830.0	830.0	830.0
15°	818.0	818.0	816.2	814.5	816.2	816.2	816.2	816.2
17.5°	800.7	799.0	799.0	797.3	799.0	799.0	797.3	799.0
20°	780.1	778.3	778.3	776.6	778.3	776.6	776.6	776.6
22.5°	757.7	756.0	756.0	754.2	756.0	756.0	756.0	756.0
25°	735.3	733.6	731.9	731.9	731.9	731.9	731.9	731.9
27.5°	712.9	711.2	709.5	709.5	709.5	707.7	707.7	706.0
30°	687.1	687.1	683.6	683.6	683.6	681.9	681.9	680.2
32.5°	663.0	661.2	659.5	657.8	657.8	656.1	654.4	654.4
35°	635.4	633.7	632.0	630.3	630.3	628.5	626.8	628.5
37.5°	609.6	607.9	604.4	604.4	604.4	601.0	601.0	599.3
40°	580.3	576.9	576.9	576.9	575.1	573.4	573.4	571.7
42.5°	551.0	549.3	547.6	547.6	547.6	544.2	544.2	544.2
45°	523.5	521.8	521.8	518.3	518.3	514.9	514.9	516.6
47.5°	492.5	492.5	492.5	490.8	489.0	487.3	487.3	487.3
50°	463.2	463.2	459.8	459.8	459.8	458.1	456.3	456.3
52.5°	430.5	428.8	428.8	427.1	425.3	425.3	425.3	425.3
55°	399.5	399.5	399.5	397.8	396.1	396.1	394.3	396.1
57.5°	370.2	370.2	370.2	368.5	366.8	366.8	365.1	366.8
60°	341.0	339.2	339.2	337.5	335.8	337.5	335.8	335.8
62.5°	310.0	308.2	310.0	308.2	306.5	304.8	304.8	306.5
65°	280.7	279.0	279.0	277.2	275.5	275.5	275.5	275.5
67.5°	249.7	248.0	248.0	246.2	246.2	246.2	246.2	246.2
70°	218.7	217.0	217.0	215.3	215.3	215.3	215.3	215.3
72.5°	189.4	187.7	187.7	186.0	186.0	186.0	186.0	186.0
75°	158.4	156.7	156.7	156.7	156.7	155.0	155.0	155.0
77.5°	129.2	127.4	127.4	127.4	125.7	125.7	125.7	125.7
80°	99.9	98.2	98.2	98.2	96.4	96.4	96.4	94.7
82.5°	68.9	67.2	67.2	68.9	65.4	67.2	65.4	65.4
85°	39.6	37.9	37.9	37.9	37.9	37.9	37.9	36.2
87.5°	15.5	13.8	13.8	15.5	13.8	15.5	15.5	15.5
90°	13.8	13.8	15.5	15.5	17.2	17.2	18.9	18.9
92.5°	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
95°	84.4	84.4	84.4	84.4	84.4	84.4	84.4	82.7
97.5°	141.2	139.5	139.5	139.5	139.5	137.8	136.0	136.0
100°	168.8	173.9	175.6	177.4	179.1	180.8	182.5	180.8
102.5°	192.9	196.3	198.0	199.8	201.5	203.2	204.9	204.9
105°	215.3	217.0	218.7	222.1	227.3	232.5	234.2	234.2
107.5°	258.3	258.3	260.0	261.7	260.0	261.7	261.7	261.7
110°	327.2	316.8	315.1	311.7	306.5	308.2	308.2	308.2



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CATALOG NUMBER: CTW-F-7525-50L935-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	372.0	378.8	382.3	382.3	382.3	384.0	378.8	377.1
115°	406.4	413.3	416.7	418.4	423.6	428.8	430.5	430.5
117.5°	440.8	449.4	452.9	454.6	459.8	464.9	466.7	466.7
120°	478.7	482.2	485.6	485.6	490.8	494.2	495.9	495.9
122.5°	516.6	516.6	520.0	520.0	523.5	523.5	526.9	525.2
125°	566.5	559.7	561.4	556.2	557.9	557.9	557.9	556.2
127.5°	633.7	618.2	616.5	609.6	604.4	602.7	599.3	597.5
130°	718.1	694.0	687.1	678.5	669.9	664.7	654.4	656.1
132.5°	816.2	785.2	776.6	766.3	754.2	742.2	735.3	735.3
135°	917.8	886.8	876.5	864.4	850.7	836.9	830.0	830.0
137.5°	1016.0	988.4	978.1	967.8	952.3	941.9	928.2	931.6
140°	1119.3	1088.3	1078.0	1067.6	1057.3	1038.4	1033.2	1038.4
142.5°	1219.2	1186.5	1177.8	1167.5	1157.2	1143.4	1133.1	1138.2
145°	1317.3	1284.6	1276.0	1265.7	1257.1	1238.1	1236.4	1236.4
147.5°	1413.8	1384.5	1375.9	1365.5	1356.9	1343.2	1336.3	1338.0
150°	1505.0	1479.2	1470.6	1460.3	1451.6	1434.4	1429.3	1434.4
152.5°	1592.9	1568.7	1560.1	1549.8	1542.9	1527.4	1524.0	1529.1
155°	1673.8	1649.7	1642.8	1632.5	1627.3	1615.2	1615.2	1617.0
157.5°	1749.6	1730.6	1722.0	1715.1	1709.9	1696.2	1696.2	1701.3
160°	1823.6	1806.4	1801.2	1790.9	1785.7	1775.4	1773.7	1771.9
162.5°	1894.2	1878.7	1871.8	1864.9	1859.8	1851.2	1847.7	1847.7
165°	1951.0	1940.7	1933.8	1930.4	1926.9	1920.0	1916.6	1916.6
167.5°	2013.0	1999.2	1994.1	1987.2	1985.5	1980.3	1978.6	1983.7
170°	2063.0	2056.1	2049.2	2044.0	2040.6	2037.1	2035.4	2040.6
172.5°	2112.9	2106.0	2102.6	2097.4	2095.7	2094.0	2094.0	2099.1
175°	2159.4	2154.2	2149.1	2143.9	2143.9	2140.4	2142.2	2145.6
177.5°	2200.7	2197.3	2195.6	2190.4	2186.9	2183.5	2181.8	2181.8
180°	2235.2	2235.2	2235.2	2235.2	2235.2	2235.2	2235.2	2235.2

(END OF REPORT)