

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: P303247

Luminaire Tested: **CTW-F-7525-50L930-UNV-STD-8**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303247
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-7525-50L930-UNV-STD-8
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
75% UPLIGHT, 25% DOWNLIGHT, 5000 LUMEN PACKAGE
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

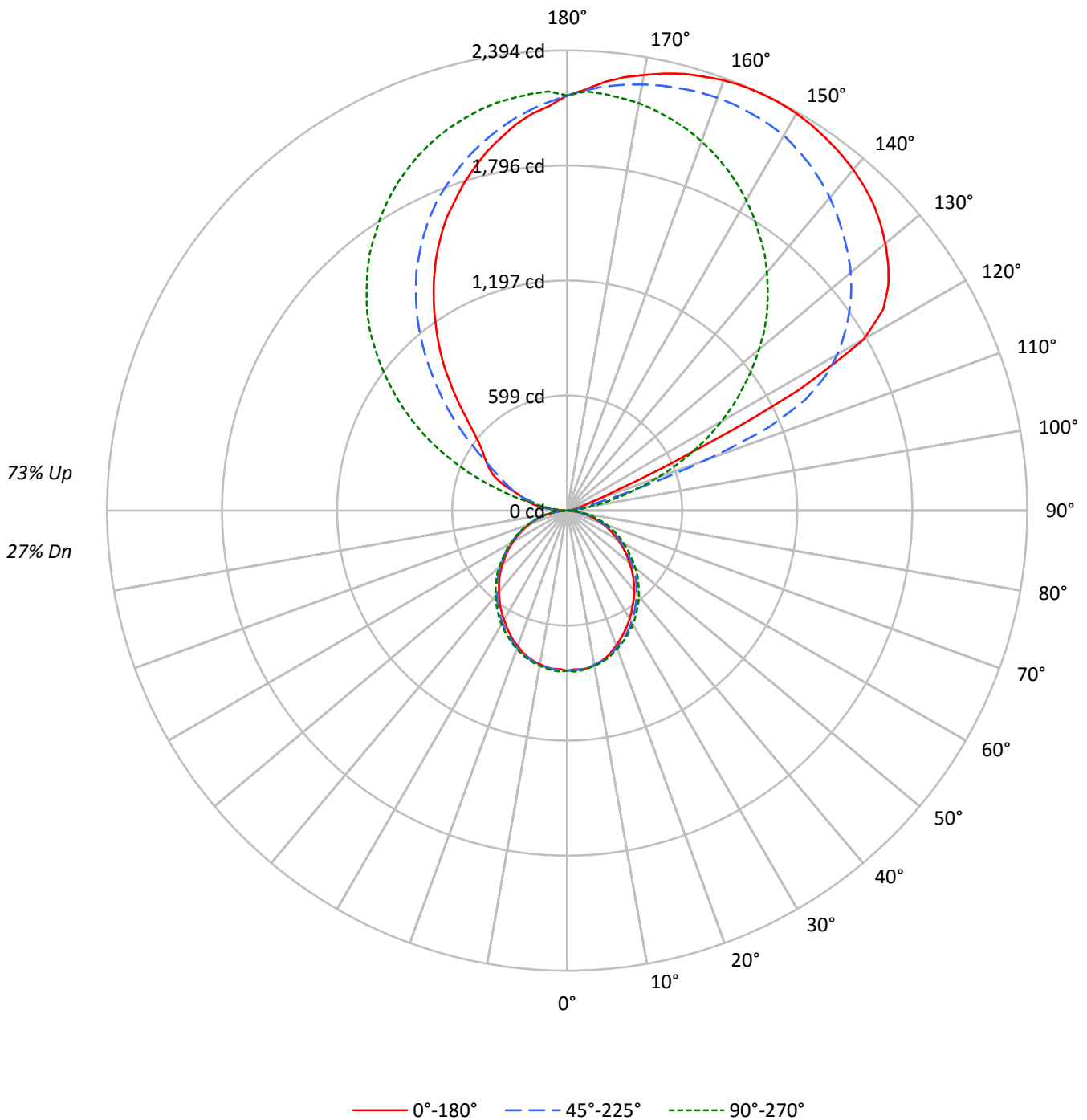
Lumens per Lamp: N/A
Luminaire Lumens: 8316.4 lumens
Efficiency: N/A
Efficacy: 112.8 lumens/watt
Spacing Criteria (0/90/45): 1.17 / 1.22 / 1.32
Luminous Opening: Rectangular (W 8' x L: 0.12' x H: 0')
CIE Type: Semi-Indirect

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°	8971	8971	8971
5°	8969	9023	8933
10°	8909	8964	8873
15°	8805	8898	8787
20°	8556	8765	8593
25°	8317	8633	8397
30°	8084	8498	8167
35°	7825	8306	7979
40°	7620	8157	7761
45°	7394	7951	7596
50°	7075	7743	7381
55°	6868	7461	7180
60°	6590	7304	6984
65°	6314	7119	6780
70°	5917	6911	6543
75°	5465	6712	6226
80°	4537	6186	5672
85°	2470	5545	4310



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.6	0.9
10°-20°	222.5	2.7
20°-30°	328.5	3.9
30°-40°	385.4	4.6
40°-50°	390.8	4.7
50°-60°	346.4	4.2
60°-70°	265.1	3.2
70°-80°	157.3	1.9
80°-90°	43.6	0.5
90°-100°	60.9	0.7
100°-110°	258.5	3.1
110°-120°	735.8	8.8
120°-130°	1075.4	12.9
130°-140°	1160.3	14.0
140°-150°	1104.4	13.3
150°-160°	906.2	10.9
160°-170°	591.7	7.1
170°-180°	205.0	2.5
0°-30°	629.6	7.6
0°-40°	1014.9	12.2
0°-60°	1752.1	21.1
0°-90°	2218.1	26.7
90°-120°	1055.2	12.7
90°-150°	4395.3	52.9
90°-180°	6098.0	73.3
0°-180°	8316.4	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	833	833	833	833	833	
5°	830	828	835	828	827	79
15°	790	792	798	792	788	222
25°	700	717	727	717	707	322
35°	596	617	632	620	607	373
45°	486	506	522	512	499	374
55°	366	383	398	396	383	327
65°	248	261	280	274	266	245
75°	131	140	161	155	150	138
85°	20	30	45	40	35	28
90°	3	3	2	12	18	2
95°	15	18	45	83	80	16
105°	72	181	291	201	226	83
115°	695	1369	715	371	416	808
125°	2039	1792	1118	612	537	1806
135°	2254	2031	1472	990	802	1739
145°	2357	2199	1745	1372	1194	1479
155°	2394	2277	1963	1688	1562	1106
165°	2352	2274	2106	1925	1851	667
175°	2237	2214	2176	2098	2073	215
180°	2159	2159	2159	2159	2159	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	833.4	833.4	833.4	833.4	833.4	833.4	833.4	833.4	833.4	833.4	833.4
2.5°	826.7	826.7	828.4	831.7	831.7	831.7	833.4	835.1	833.4	836.7	831.7
5°	830.1	828.4	828.4	828.4	828.4	830.1	830.1	831.7	830.1	833.4	828.4
7.5°	826.7	825.1	825.1	823.4	821.8	821.8	823.4	825.1	823.4	826.7	823.4
10°	815.1	813.4	815.1	813.4	813.4	815.1	815.1	815.1	816.8	818.4	815.1
12.5°	803.5	803.5	801.8	801.8	801.8	801.8	803.5	805.1	805.1	806.8	805.1
15°	790.1	786.8	788.5	790.1	788.5	790.1	790.1	791.8	791.8	793.5	791.8
17.5°	768.5	768.5	770.2	771.8	771.8	771.8	773.5	773.5	775.2	776.8	775.2
20°	746.9	746.9	746.9	750.2	750.2	750.2	751.9	753.5	755.2	756.9	756.9
22.5°	723.6	723.6	723.6	726.9	726.9	726.9	730.3	731.9	733.6	735.3	736.9
25°	700.3	700.3	702.0	703.6	703.6	703.6	707.0	708.6	710.3	712.0	717.0
27.5°	675.4	675.4	677.0	678.7	680.4	682.0	683.7	685.3	688.7	690.3	695.3
30°	650.4	648.8	650.4	653.7	655.4	655.4	658.7	660.4	663.7	665.4	670.4
32.5°	623.8	622.1	623.8	627.1	628.8	628.8	632.1	633.8	637.1	638.8	645.4
35°	595.5	595.5	598.8	598.8	600.5	602.2	603.8	607.2	610.5	612.2	617.1
37.5°	570.6	568.9	572.2	572.2	573.9	575.6	577.2	580.5	583.9	587.2	590.5
40°	542.3	539.0	542.3	544.0	545.6	547.3	548.9	550.6	555.6	558.9	562.3
42.5°	514.0	510.7	514.0	515.7	519.0	519.0	519.0	522.3	527.3	530.6	534.0
45°	485.7	482.4	485.7	485.7	489.1	490.7	490.7	492.4	497.4	500.7	505.7
47.5°	455.8	455.8	457.5	459.1	460.8	460.8	462.4	464.1	467.4	474.1	475.8
50°	422.5	422.5	424.2	427.5	429.2	432.5	432.5	434.2	437.5	442.5	445.8
52.5°	394.2	392.6	394.2	395.9	397.6	399.2	399.2	400.9	404.2	409.2	412.5
55°	366.0	366.0	366.0	367.6	369.3	369.3	371.0	372.6	374.3	377.6	382.6
57.5°	336.0	336.0	337.7	337.7	339.3	339.3	341.0	342.7	344.3	347.7	352.7
60°	306.1	307.7	306.1	307.7	309.4	309.4	311.1	312.7	314.4	317.7	322.7
62.5°	277.8	277.8	277.8	277.8	279.5	279.5	281.1	282.8	286.1	287.8	291.1
65°	247.9	247.9	247.9	247.9	251.2	251.2	251.2	254.5	256.2	256.2	261.2
67.5°	217.9	219.6	217.9	219.6	221.2	221.2	221.2	224.6	226.2	227.9	229.6
70°	188.0	189.6	189.6	189.6	191.3	191.3	191.3	194.6	196.3	198.0	199.6
72.5°	159.7	159.7	161.4	161.4	161.4	161.4	163.0	164.7	166.3	168.0	169.7
75°	131.4	131.4	131.4	131.4	133.1	133.1	133.1	136.4	138.1	139.7	139.7
77.5°	101.5	103.1	101.5	101.5	103.1	103.1	104.8	106.5	108.1	111.5	113.1
80°	73.2	73.2	74.9	74.9	76.5	74.9	76.5	78.2	79.8	83.2	83.2
82.5°	46.6	46.6	46.6	48.2	48.2	49.9	49.9	49.9	51.6	54.9	56.6
85°	20.0	20.0	20.0	20.0	23.3	23.3	23.3	25.0	26.6	28.3	29.9
87.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	5.0	5.0
90°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
92.5°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
95°	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	16.6	16.6	18.3
97.5°	23.3	23.3	23.3	23.3	23.3	25.0	25.0	26.6	28.3	29.9	33.3
100°	34.9	34.9	36.6	36.6	36.6	38.3	38.3	41.6	44.9	49.9	58.2
102.5°	51.6	49.9	51.6	51.6	53.2	54.9	56.6	61.5	68.2	79.8	98.1
105°	71.5	69.9	71.5	73.2	76.5	79.8	83.2	93.2	108.1	134.7	181.3
107.5°	101.5	99.8	103.1	108.1	114.8	123.1	131.4	149.7	196.3	271.1	382.6
110°	149.7	156.4	163.0	178.0	199.6	222.9	237.9	317.7	415.9	577.2	761.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	287.8	309.4	329.4	379.3	449.1	514.0	552.3	730.3	880.0	1038.0	1136.1
115°	695.3	746.9	763.5	890.0	996.4	1084.6	1122.8	1269.2	1334.1	1365.7	1369.0
117.5°	1355.7	1404.0	1404.0	1478.8	1538.7	1567.0	1570.3	1585.3	1573.6	1553.7	1513.8
120°	1779.9	1783.2	1789.9	1788.2	1789.9	1786.6	1774.9	1753.3	1713.4	1671.8	1623.5
122.5°	1949.6	1946.3	1941.3	1926.3	1909.7	1899.7	1881.4	1849.8	1809.8	1761.6	1711.7
125°	2039.4	2034.4	2027.8	2012.8	1991.2	1982.8	1961.2	1926.3	1886.4	1839.8	1791.5
127.5°	2105.9	2101.0	2092.6	2079.3	2057.7	2047.7	2027.8	1991.2	1952.9	1911.3	1863.1
130°	2160.8	2155.8	2147.5	2139.2	2119.3	2105.9	2087.6	2051.0	2016.1	1972.9	1926.3
132.5°	2210.7	2204.1	2195.8	2189.1	2169.2	2159.2	2139.2	2105.9	2071.0	2029.4	1981.2
135°	2254.0	2245.7	2235.7	2229.0	2210.7	2199.1	2180.8	2150.9	2117.6	2077.7	2031.1
137.5°	2287.3	2278.9	2270.6	2260.6	2245.7	2229.0	2219.1	2192.4	2159.2	2122.6	2081.0
140°	2315.5	2308.9	2300.6	2293.9	2277.3	2260.6	2250.7	2227.4	2195.8	2164.2	2125.9
142.5°	2338.8	2333.8	2325.5	2317.2	2302.2	2287.3	2278.9	2257.3	2232.4	2199.1	2164.2
145°	2357.1	2352.1	2345.5	2338.8	2323.9	2312.2	2302.2	2287.3	2262.3	2229.0	2199.1
147.5°	2373.8	2368.8	2363.8	2357.1	2342.2	2333.8	2325.5	2308.9	2283.9	2254.0	2229.0
150°	2385.4	2380.4	2375.4	2370.4	2355.5	2347.1	2342.2	2325.5	2303.9	2274.0	2254.0
152.5°	2392.1	2387.1	2382.1	2378.8	2363.8	2355.5	2350.5	2335.5	2313.9	2287.3	2267.3
155°	2393.7	2390.4	2385.4	2380.4	2365.4	2355.5	2353.8	2338.8	2320.5	2295.6	2277.3
157.5°	2390.4	2385.4	2380.4	2375.4	2360.5	2353.8	2350.5	2338.8	2322.2	2302.2	2283.9
160°	2382.1	2377.1	2375.4	2368.8	2357.1	2352.1	2348.8	2338.8	2323.9	2305.6	2285.6
162.5°	2367.1	2365.4	2363.8	2358.8	2350.5	2345.5	2343.8	2333.8	2318.9	2303.9	2282.3
165°	2352.1	2348.8	2345.5	2340.5	2333.8	2330.5	2327.2	2320.5	2305.6	2295.6	2274.0
167.5°	2328.8	2323.9	2320.5	2315.5	2307.2	2308.9	2305.6	2302.2	2290.6	2285.6	2264.0
170°	2300.6	2298.9	2293.9	2290.6	2285.6	2287.3	2285.6	2282.3	2272.3	2269.0	2250.7
172.5°	2274.0	2269.0	2267.3	2264.0	2259.0	2257.3	2259.0	2255.7	2250.7	2252.3	2234.0
175°	2237.4	2232.4	2232.4	2229.0	2225.7	2227.4	2229.0	2230.7	2224.0	2230.7	2214.1
177.5°	2192.4	2189.1	2192.4	2195.8	2194.1	2197.4	2199.1	2200.8	2197.4	2204.1	2189.1
180°	2159.2	2159.2	2159.2	2159.2	2159.2	2159.2	2159.2	2159.2	2159.2	2159.2	2159.2



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	833.4	833.4	833.4	833.4	833.4	833.4	833.4	833.4	833.4	833.4	833.4
2.5°	828.4	828.4	828.4	828.4	828.4	828.4	828.4	831.7	836.7	838.4	836.7
5°	825.1	826.7	825.1	826.7	826.7	826.7	826.7	830.1	833.4	835.1	833.4
7.5°	820.1	821.8	820.1	820.1	821.8	820.1	821.8	823.4	826.7	828.4	826.7
10°	811.8	811.8	811.8	813.4	813.4	813.4	813.4	816.8	820.1	820.1	818.4
12.5°	800.1	801.8	801.8	803.5	803.5	801.8	803.5	806.8	808.4	810.1	808.4
15°	788.5	788.5	788.5	790.1	790.1	790.1	790.1	793.5	796.8	798.5	796.8
17.5°	770.2	771.8	771.8	773.5	773.5	775.2	773.5	778.5	780.2	781.8	780.2
20°	753.5	753.5	755.2	755.2	756.9	756.9	756.9	760.2	763.5	765.2	763.5
22.5°	733.6	735.3	735.3	736.9	738.6	736.9	738.6	741.9	743.6	745.2	745.2
25°	712.0	713.6	713.6	717.0	717.0	717.0	717.0	720.3	723.6	726.9	725.3
27.5°	690.3	690.3	692.0	695.3	695.3	697.0	697.0	700.3	703.6	705.3	703.6
30°	667.0	667.0	668.7	670.4	672.0	672.0	673.7	677.0	680.4	683.7	680.4
32.5°	643.8	642.1	645.4	647.1	648.8	648.8	648.8	653.7	655.4	658.7	657.1
35°	617.1	615.5	618.8	620.5	622.1	622.1	625.5	627.1	630.5	632.1	630.5
37.5°	592.2	590.5	593.9	595.5	595.5	597.2	598.8	602.2	605.5	607.2	607.2
40°	565.6	563.9	565.6	568.9	568.9	570.6	572.2	573.9	575.6	580.5	578.9
42.5°	539.0	537.3	539.0	540.6	542.3	542.3	545.6	545.6	550.6	550.6	550.6
45°	507.4	509.0	510.7	514.0	514.0	512.3	515.7	517.3	522.3	522.3	520.7
47.5°	479.1	480.7	480.7	485.7	485.7	484.1	487.4	489.1	492.4	494.0	492.4
50°	449.1	450.8	452.5	455.8	455.8	455.8	457.5	460.8	462.4	462.4	462.4
52.5°	414.2	415.9	419.2	424.2	424.2	424.2	427.5	427.5	430.8	430.8	432.5
55°	384.3	385.9	389.3	392.6	392.6	394.2	395.9	397.6	399.2	397.6	399.2
57.5°	354.3	357.6	361.0	362.6	362.6	364.3	366.0	367.6	369.3	369.3	369.3
60°	324.4	326.0	327.7	332.7	332.7	334.4	336.0	337.7	337.7	339.3	339.3
62.5°	294.4	297.8	299.4	301.1	304.4	302.8	306.1	306.1	307.7	309.4	309.4
65°	262.8	264.5	267.8	271.1	271.1	272.8	276.1	276.1	277.8	279.5	279.5
67.5°	232.9	237.9	237.9	241.2	242.9	242.9	244.5	247.9	247.9	249.5	249.5
70°	201.3	206.3	207.9	209.6	211.3	212.9	214.6	216.3	217.9	219.6	219.6
72.5°	173.0	176.3	178.0	179.7	181.3	181.3	184.6	184.6	188.0	189.6	189.6
75°	141.4	144.7	146.4	149.7	151.4	153.0	154.7	154.7	158.0	161.4	159.7
77.5°	114.8	116.4	118.1	119.8	121.4	123.1	124.8	126.4	128.1	129.8	129.8
80°	86.5	88.2	88.2	91.5	93.2	94.8	96.5	98.1	98.1	99.8	101.5
82.5°	58.2	59.9	61.5	63.2	64.9	66.5	68.2	69.9	69.9	71.5	71.5
85°	31.6	33.3	34.9	36.6	38.3	39.9	41.6	43.3	43.3	44.9	44.9
87.5°	6.7	8.3	10.0	11.6	13.3	15.0	16.6	18.3	18.3	20.0	20.0
90°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	1.7	1.7
92.5°	8.3	10.0	10.0	13.3	15.0	16.6	20.0	23.3	20.0	16.6	18.3
95°	20.0	25.0	29.9	39.9	46.6	53.2	63.2	63.2	51.6	44.9	41.6
97.5°	39.9	49.9	66.5	89.8	104.8	114.8	126.4	119.8	99.8	83.2	74.9
100°	71.5	96.5	128.1	179.7	201.3	212.9	216.3	198.0	164.7	138.1	119.8
102.5°	128.1	186.3	257.8	322.7	342.7	346.0	324.4	291.1	246.2	206.3	178.0
105°	254.5	367.6	457.5	512.3	519.0	507.4	457.5	404.2	344.3	291.1	247.9
107.5°	537.3	653.7	700.3	703.6	688.7	660.4	597.2	535.6	452.5	387.6	331.0
110°	890.0	929.9	909.9	870.0	840.0	795.1	721.9	653.7	565.6	497.4	429.2



TEST NUMBER: P303247

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	1151.1	1131.2	1077.9	1006.4	964.8	924.9	848.4	773.5	678.7	607.2	534.0
115°	1329.1	1275.9	1207.7	1127.8	1081.3	1044.7	968.1	878.3	788.5	715.3	638.8
117.5°	1457.2	1385.7	1315.8	1240.9	1197.7	1156.1	1077.9	989.8	894.9	823.4	745.2
120°	1555.3	1487.1	1413.9	1342.4	1297.5	1262.6	1184.4	1091.2	1001.4	923.2	853.4
122.5°	1645.2	1575.3	1507.1	1438.9	1399.0	1359.0	1274.2	1184.4	1097.9	1026.4	953.2
125°	1726.7	1656.8	1591.9	1527.1	1483.8	1442.2	1359.0	1275.9	1192.7	1117.8	1053.0
127.5°	1801.5	1736.7	1670.1	1608.6	1563.7	1522.1	1442.2	1360.7	1285.9	1212.7	1147.8
130°	1868.1	1809.8	1745.0	1683.4	1636.8	1596.9	1520.4	1443.9	1372.4	1302.5	1236.0
132.5°	1929.6	1874.7	1813.2	1746.6	1701.7	1666.8	1595.3	1522.1	1457.2	1392.3	1324.1
135°	1987.8	1929.6	1869.7	1804.9	1763.3	1731.7	1660.1	1591.9	1532.0	1472.2	1409.0
137.5°	2042.7	1976.2	1919.6	1856.4	1819.8	1789.9	1725.0	1661.8	1605.2	1543.7	1487.1
140°	2084.3	2021.1	1962.9	1903.0	1873.1	1846.4	1783.2	1725.0	1673.4	1616.9	1562.0
142.5°	2120.9	2057.7	2006.1	1947.9	1919.6	1896.3	1838.1	1784.9	1738.3	1686.8	1631.9
145°	2149.2	2091.0	2044.4	1991.2	1966.2	1942.9	1886.4	1839.8	1796.5	1745.0	1696.7
147.5°	2175.8	2122.6	2079.3	2029.4	2009.5	1986.2	1934.6	1893.0	1853.1	1808.2	1759.9
150°	2197.4	2150.9	2109.3	2064.4	2046.1	2024.4	1977.9	1939.6	1903.0	1864.7	1819.8
152.5°	2214.1	2174.1	2137.5	2096.0	2079.3	2059.4	2019.4	1986.2	1952.9	1916.3	1874.7
155°	2225.7	2194.1	2160.8	2125.9	2107.6	2092.6	2054.4	2026.1	1997.8	1962.9	1924.6
157.5°	2237.4	2209.1	2175.8	2145.9	2132.6	2115.9	2084.3	2061.0	2036.1	2006.1	1971.2
160°	2242.3	2219.1	2189.1	2164.2	2152.5	2139.2	2109.3	2091.0	2069.3	2044.4	2012.8
162.5°	2244.0	2224.0	2199.1	2179.1	2169.2	2157.5	2130.9	2115.9	2099.3	2077.7	2047.7
165°	2244.0	2227.4	2207.4	2190.8	2182.5	2172.5	2149.2	2137.5	2122.6	2105.9	2079.3
167.5°	2239.0	2225.7	2209.1	2195.8	2189.1	2179.1	2162.5	2155.8	2144.2	2130.9	2109.3
170°	2230.7	2220.7	2207.4	2199.1	2192.4	2184.1	2172.5	2167.5	2162.5	2152.5	2130.9
172.5°	2219.1	2210.7	2200.8	2195.8	2192.4	2185.8	2174.1	2175.8	2172.5	2164.2	2149.2
175°	2202.4	2197.4	2192.4	2189.1	2185.8	2180.8	2174.1	2177.5	2179.1	2175.8	2162.5
177.5°	2180.8	2179.1	2177.5	2177.5	2172.5	2172.5	2169.2	2175.8	2182.5	2182.5	2172.5
180°	2159.2	2159.2	2159.2	2159.2	2159.2	2159.2	2159.2	2159.2	2159.2	2159.2	2159.2



TEST NUMBER: P303247

CATALOG NUMBER: CTW-F-7525-50L930-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	833.4	833.4	833.4	833.4	833.4	833.4	833.4	833.4	833.4	833.4	833.4
2.5°	833.4	830.1	828.4	828.4	828.4	826.7	826.7	828.4	831.7	836.7	831.7
5°	831.7	826.7	826.7	826.7	826.7	825.1	823.4	825.1	828.4	833.4	828.4
7.5°	825.1	821.8	820.1	820.1	820.1	818.4	818.4	818.4	821.8	826.7	821.8
10°	816.8	813.4	813.4	813.4	811.8	810.1	810.1	810.1	815.1	818.4	813.4
12.5°	806.8	803.5	803.5	801.8	801.8	800.1	798.5	800.1	805.1	806.8	803.5
15°	793.5	790.1	790.1	790.1	788.5	788.5	786.8	786.8	791.8	793.5	790.1
17.5°	778.5	775.2	773.5	775.2	773.5	771.8	771.8	771.8	775.2	776.8	771.8
20°	760.2	756.9	756.9	755.2	755.2	753.5	753.5	753.5	758.5	756.9	753.5
22.5°	741.9	738.6	738.6	736.9	736.9	735.3	733.6	733.6	740.2	735.3	733.6
25°	721.9	718.6	718.6	717.0	715.3	713.6	713.6	713.6	717.0	713.6	712.0
27.5°	702.0	698.7	698.7	697.0	695.3	692.0	692.0	692.0	697.0	692.0	692.0
30°	677.0	675.4	675.4	673.7	670.4	668.7	668.7	670.4	673.7	668.7	667.0
32.5°	653.7	650.4	650.4	650.4	647.1	645.4	645.4	647.1	648.8	643.8	642.1
35°	627.1	625.5	625.5	623.8	620.5	620.5	618.8	620.5	620.5	617.1	615.5
37.5°	602.2	600.5	598.8	598.8	595.5	595.5	595.5	597.2	595.5	592.2	590.5
40°	575.6	573.9	572.2	570.6	568.9	568.9	568.9	572.2	568.9	565.6	563.9
42.5°	548.9	547.3	545.6	544.0	542.3	542.3	542.3	544.0	540.6	539.0	537.3
45°	519.0	519.0	517.3	515.7	515.7	515.7	514.0	515.7	512.3	510.7	507.4
47.5°	490.7	490.7	489.1	489.1	487.4	487.4	487.4	487.4	484.1	484.1	480.7
50°	462.4	460.8	459.1	460.8	460.8	459.1	459.1	457.5	455.8	455.8	450.8
52.5°	430.8	432.5	427.5	429.2	430.8	427.5	427.5	425.8	425.8	422.5	419.2
55°	399.2	399.2	399.2	399.2	400.9	397.6	395.9	394.2	395.9	392.6	389.3
57.5°	369.3	369.3	369.3	369.3	371.0	367.6	366.0	367.6	366.0	362.6	361.0
60°	341.0	339.3	339.3	339.3	341.0	337.7	337.7	336.0	336.0	331.0	331.0
62.5°	311.1	309.4	311.1	309.4	311.1	309.4	306.1	307.7	306.1	302.8	301.1
65°	281.1	279.5	281.1	279.5	279.5	277.8	276.1	276.1	274.5	272.8	271.1
67.5°	251.2	249.5	249.5	249.5	251.2	247.9	249.5	246.2	244.5	244.5	241.2
70°	219.6	219.6	219.6	217.9	219.6	216.3	216.3	216.3	214.6	212.9	211.3
72.5°	191.3	189.6	189.6	188.0	189.6	188.0	186.3	186.3	184.6	184.6	183.0
75°	159.7	159.7	159.7	159.7	159.7	158.0	156.4	156.4	154.7	154.7	153.0
77.5°	129.8	129.8	129.8	129.8	129.8	129.8	126.4	126.4	126.4	126.4	123.1
80°	101.5	101.5	101.5	99.8	101.5	99.8	98.1	98.1	98.1	96.5	94.8
82.5°	73.2	73.2	73.2	71.5	73.2	71.5	71.5	69.9	68.2	68.2	64.9
85°	44.9	46.6	46.6	44.9	44.9	44.9	44.9	41.6	39.9	39.9	38.3
87.5°	20.0	20.0	20.0	18.3	18.3	18.3	16.6	16.6	15.0	15.0	15.0
90°	3.3	5.0	6.7	8.3	8.3	10.0	11.6	11.6	11.6	11.6	13.3
92.5°	26.6	34.9	36.6	39.9	38.3	39.9	39.9	38.3	39.9	36.6	38.3
95°	46.6	53.2	64.9	71.5	76.5	84.8	88.2	86.5	83.2	81.5	83.2
97.5°	73.2	79.8	84.8	86.5	89.8	101.5	113.1	121.4	128.1	131.4	134.7
100°	113.1	108.1	114.8	119.8	123.1	121.4	126.4	136.4	144.7	151.4	158.0
102.5°	163.0	149.7	144.7	148.0	153.0	163.0	163.0	161.4	164.7	169.7	179.7
105°	221.2	202.9	189.6	188.0	188.0	194.6	206.3	211.3	201.3	201.3	204.6
107.5°	292.8	262.8	242.9	236.2	234.5	231.2	239.5	252.8	261.2	259.5	249.5
110°	374.3	334.4	306.1	294.4	287.8	277.8	279.5	284.5	294.4	307.7	316.1



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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	470.8	420.9	377.6	362.6	346.0	332.7	322.7	324.4	329.4	339.3	351.0
115°	572.2	515.7	460.8	440.8	420.9	390.9	374.3	369.3	371.0	374.3	380.9
117.5°	675.4	613.8	552.3	527.3	504.0	469.1	437.5	420.9	414.2	412.5	419.2
120°	780.2	712.0	652.1	623.8	595.5	555.6	514.0	482.4	469.1	459.1	459.1
122.5°	883.3	816.8	750.2	721.9	690.3	643.8	598.8	558.9	532.3	512.3	504.0
125°	981.4	919.9	850.0	823.4	790.1	738.6	688.7	647.1	612.2	580.5	560.6
127.5°	1077.9	1018.0	948.2	921.6	891.6	836.7	790.1	740.2	703.6	663.7	633.8
130°	1172.7	1112.9	1046.3	1019.7	991.4	938.2	883.3	835.1	798.5	758.5	725.3
132.5°	1262.6	1202.7	1142.8	1112.9	1084.6	1034.7	981.4	933.2	893.3	855.0	823.4
135°	1350.7	1287.5	1231.0	1202.7	1174.4	1127.8	1077.9	1033.0	989.8	949.8	918.2
137.5°	1430.6	1372.4	1317.5	1289.2	1262.6	1217.7	1174.4	1132.8	1089.6	1048.0	1013.0
140°	1507.1	1450.5	1399.0	1374.0	1347.4	1302.5	1264.2	1227.6	1187.7	1139.5	1109.5
142.5°	1580.3	1523.7	1478.8	1453.9	1425.6	1387.3	1349.1	1315.8	1282.5	1240.9	1206.0
145°	1648.5	1591.9	1550.3	1528.7	1502.1	1465.5	1428.9	1399.0	1372.4	1330.8	1299.2
147.5°	1713.4	1661.8	1621.9	1598.6	1577.0	1542.0	1507.1	1478.8	1460.5	1418.9	1389.0
150°	1776.6	1723.3	1688.4	1666.8	1645.2	1613.6	1582.0	1555.3	1538.7	1503.8	1475.5
152.5°	1833.1	1784.9	1753.3	1733.3	1713.4	1681.8	1651.8	1626.9	1615.2	1578.6	1562.0
155°	1888.0	1841.5	1813.2	1796.5	1776.6	1741.6	1718.4	1693.4	1688.4	1656.8	1633.5
157.5°	1936.3	1894.7	1866.4	1849.8	1833.1	1803.2	1779.9	1759.9	1755.0	1726.7	1705.0
160°	1977.9	1941.3	1916.3	1903.0	1888.0	1858.1	1836.5	1819.8	1813.2	1793.2	1773.3
162.5°	2019.4	1984.5	1962.9	1949.6	1937.9	1909.7	1891.4	1874.7	1869.7	1856.4	1836.5
165°	2054.4	2022.8	2002.8	1992.8	1982.8	1957.9	1941.3	1926.3	1924.6	1914.6	1893.0
167.5°	2086.0	2057.7	2041.1	2032.8	2022.8	2001.1	1987.8	1974.5	1972.9	1971.2	1947.9
170°	2110.9	2087.6	2072.7	2066.0	2059.4	2039.4	2027.8	2017.8	2017.8	2019.4	1999.5
172.5°	2132.6	2112.6	2102.6	2094.3	2091.0	2072.7	2064.4	2056.0	2059.4	2062.7	2044.4
175°	2149.2	2132.6	2122.6	2119.3	2115.9	2101.0	2096.0	2092.6	2097.6	2104.3	2086.0
177.5°	2164.2	2149.2	2144.2	2140.9	2139.2	2127.6	2125.9	2122.6	2129.2	2139.2	2124.2
180°	2159.2	2159.2	2159.2	2159.2	2159.2	2159.2	2159.2	2159.2	2159.2	2159.2	2159.2



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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	833.4	833.4	833.4	833.4	833.4	833.4	833.4	833.4
2.5°	833.4	833.4	833.4	831.7	830.1	828.4	825.1	825.1
5°	830.1	830.1	828.4	828.4	826.7	826.7	825.1	826.7
7.5°	823.4	823.4	821.8	821.8	821.8	821.8	820.1	821.8
10°	815.1	815.1	811.8	811.8	811.8	811.8	811.8	811.8
12.5°	803.5	801.8	801.8	800.1	800.1	801.8	801.8	801.8
15°	790.1	790.1	788.5	786.8	788.5	788.5	788.5	788.5
17.5°	773.5	771.8	771.8	770.2	771.8	771.8	770.2	771.8
20°	753.5	751.9	751.9	750.2	751.9	750.2	750.2	750.2
22.5°	731.9	730.3	730.3	728.6	730.3	730.3	730.3	730.3
25°	710.3	708.6	707.0	707.0	707.0	707.0	707.0	707.0
27.5°	688.7	687.0	685.3	685.3	685.3	683.7	683.7	682.0
30°	663.7	663.7	660.4	660.4	660.4	658.7	658.7	657.1
32.5°	640.4	638.8	637.1	635.4	635.4	633.8	632.1	632.1
35°	613.8	612.2	610.5	608.8	608.8	607.2	605.5	607.2
37.5°	588.9	587.2	583.9	583.9	583.9	580.5	580.5	578.9
40°	560.6	557.3	557.3	557.3	555.6	553.9	553.9	552.3
42.5°	532.3	530.6	529.0	529.0	529.0	525.7	525.7	525.7
45°	505.7	504.0	504.0	500.7	500.7	497.4	497.4	499.0
47.5°	475.8	475.8	475.8	474.1	472.4	470.8	470.8	470.8
50°	447.5	447.5	444.1	444.1	444.1	442.5	440.8	440.8
52.5°	415.9	414.2	414.2	412.5	410.9	410.9	410.9	410.9
55°	385.9	385.9	385.9	384.3	382.6	382.6	380.9	382.6
57.5°	357.6	357.6	357.6	356.0	354.3	354.3	352.7	354.3
60°	329.4	327.7	327.7	326.0	324.4	326.0	324.4	324.4
62.5°	299.4	297.8	299.4	297.8	296.1	294.4	294.4	296.1
65°	271.1	269.5	269.5	267.8	266.2	266.2	266.2	266.2
67.5°	241.2	239.5	239.5	237.9	237.9	237.9	237.9	237.9
70°	211.3	209.6	209.6	207.9	207.9	207.9	207.9	207.9
72.5°	183.0	181.3	181.3	179.7	179.7	179.7	179.7	179.7
75°	153.0	151.4	151.4	151.4	151.4	149.7	149.7	149.7
77.5°	124.8	123.1	123.1	123.1	121.4	121.4	121.4	121.4
80°	96.5	94.8	94.8	94.8	93.2	93.2	93.2	91.5
82.5°	66.5	64.9	64.9	66.5	63.2	64.9	63.2	63.2
85°	38.3	36.6	36.6	36.6	36.6	36.6	36.6	34.9
87.5°	15.0	13.3	13.3	15.0	13.3	15.0	15.0	15.0
90°	13.3	13.3	15.0	15.0	16.6	16.6	18.3	18.3
92.5°	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
95°	81.5	81.5	81.5	81.5	81.5	81.5	81.5	79.8
97.5°	136.4	134.7	134.7	134.7	134.7	133.1	131.4	131.4
100°	163.0	168.0	169.7	171.3	173.0	174.7	176.3	174.7
102.5°	186.3	189.6	191.3	193.0	194.6	196.3	198.0	198.0
105°	207.9	209.6	211.3	214.6	219.6	224.6	226.2	226.2
107.5°	249.5	249.5	251.2	252.8	251.2	252.8	252.8	252.8
110°	316.1	306.1	304.4	301.1	296.1	297.8	297.8	297.8



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CATALOG NUMBER: CTW-F-7525-50L930-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	359.3	366.0	369.3	369.3	369.3	371.0	366.0	364.3
115°	392.6	399.2	402.6	404.2	409.2	414.2	415.9	415.9
117.5°	425.8	434.2	437.5	439.2	444.1	449.1	450.8	450.8
120°	462.4	465.8	469.1	469.1	474.1	477.4	479.1	479.1
122.5°	499.0	499.0	502.4	502.4	505.7	505.7	509.0	507.4
125°	547.3	540.6	542.3	537.3	539.0	539.0	539.0	537.3
127.5°	612.2	597.2	595.5	588.9	583.9	582.2	578.9	577.2
130°	693.7	670.4	663.7	655.4	647.1	642.1	632.1	633.8
132.5°	788.5	758.5	750.2	740.2	728.6	717.0	710.3	710.3
135°	886.6	856.7	846.7	835.1	821.8	808.4	801.8	801.8
137.5°	981.4	954.8	944.8	934.9	919.9	909.9	896.6	899.9
140°	1081.3	1051.3	1041.3	1031.3	1021.4	1003.1	998.1	1003.1
142.5°	1177.7	1146.1	1137.8	1127.8	1117.8	1104.5	1094.6	1099.5
145°	1272.5	1240.9	1232.6	1222.6	1214.3	1196.0	1194.4	1194.4
147.5°	1365.7	1337.4	1329.1	1319.1	1310.8	1297.5	1290.8	1292.5
150°	1453.9	1428.9	1420.6	1410.6	1402.3	1385.7	1380.7	1385.7
152.5°	1538.7	1515.4	1507.1	1497.1	1490.5	1475.5	1472.2	1477.2
155°	1616.9	1593.6	1586.9	1577.0	1572.0	1560.3	1560.3	1562.0
157.5°	1690.1	1671.8	1663.5	1656.8	1651.8	1638.5	1638.5	1643.5
160°	1761.6	1745.0	1740.0	1730.0	1725.0	1715.0	1713.4	1711.7
162.5°	1829.8	1814.8	1808.2	1801.5	1796.5	1788.2	1784.9	1784.9
165°	1884.7	1874.7	1868.1	1864.7	1861.4	1854.8	1851.4	1851.4
167.5°	1944.6	1931.3	1926.3	1919.6	1918.0	1913.0	1911.3	1916.3
170°	1992.8	1986.2	1979.5	1974.5	1971.2	1967.9	1966.2	1971.2
172.5°	2041.1	2034.4	2031.1	2026.1	2024.4	2022.8	2022.8	2027.8
175°	2086.0	2081.0	2076.0	2071.0	2071.0	2067.7	2069.3	2072.7
177.5°	2125.9	2122.6	2120.9	2115.9	2112.6	2109.3	2107.6	2107.6
180°	2159.2	2159.2	2159.2	2159.2	2159.2	2159.2	2159.2	2159.2

(END OF REPORT)