

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: FAIL-SAFE

Report Number: P837783

Luminaire Tested: **ORLG-12-4-INS-ASY2R-LD4-3STD-27-120-EDD-90**

Issue Date: 5/21/2024

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

**Test Information**

Test Method: LM-79-08
Report Number: P837783
Test Lab: INNOVATION CENTER(G2)
Issue Date: 5/21/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: ORLG-12-4-INS-ASY2R-LD4-3STD-27-120-EDD-90
Description: 1FT x 4FT ORL LED LUMINAIRE WITH asymmetric/symmetric lens v2 and
RFI grid
Light Source: 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

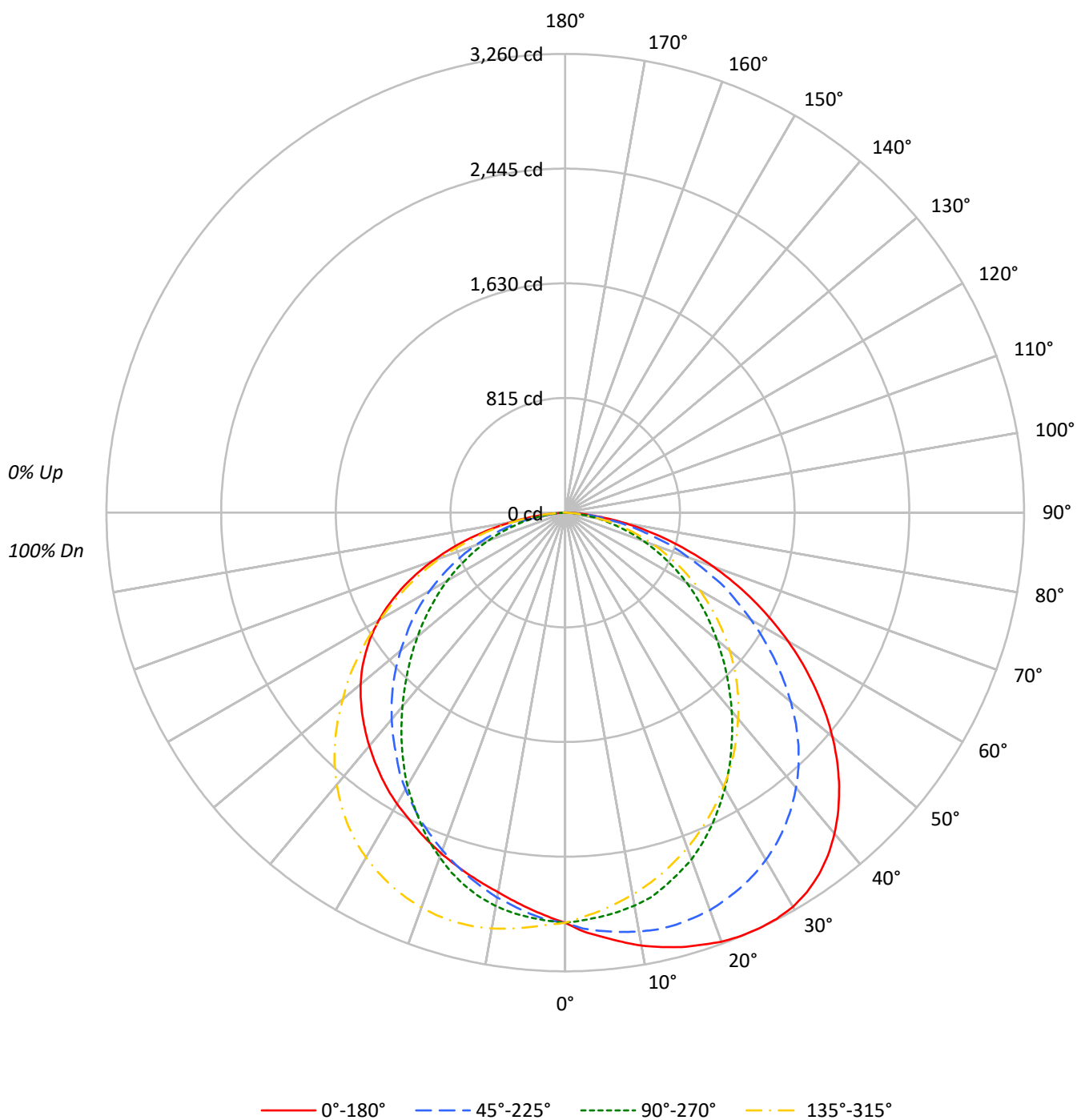
Lumens per Lamp: N/A
Luminaire Lumens: 8551.9 lumens
Efficiency: N/A
Efficacy: 85.6 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.16 / 1.4
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 99.9
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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	109	104	100	96	106	102	98	94	97	94	91	94	91	89	90	88	86	84		
2	99	91	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	70		
3	90	79	71	65	88	78	70	64	75	68	63	72	66	62	69	65	61	59		
4	82	70	61	55	80	69	61	54	66	59	53	64	58	53	62	56	52	50		
5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	50	45	43		
6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	40	38		
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33		
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	31	29		
9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	28	26		
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	7844	7844	7844	7844
5°	8175	7787	7641	7800
10°	8539	7747	7486	7759
15°	8905	7649	7412	7651
20°	9294	7510	7380	7467
25°	9678	7300	7379	7225
30°	10052	7046	7429	6968
35°	10319	6757	7503	6650
40°	10457	6466	7607	6320
45°	10477	6171	7755	6016
50°	10378	5889	7945	5733
55°	10163	5627	8122	5471
60°	9844	5353	8230	5215
65°	9403	5039	8187	4923
70°	8785	4670	7896	4585
75°	7904	4164	7246	4142
80°	6701	3488	6090	3541
85°	4659	2309	3863	2371

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	276.7	3.2
10°-20°	801.4	9.4
20°-30°	1228.2	14.4
30°-40°	1493.4	17.5
40°-50°	1552.5	18.2
50°-60°	1402.3	16.4
60°-70°	1066.1	12.5
70°-80°	594.4	7.0
80°-90°	136.8	1.6
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	2306.3	27.0
0°-40°	3799.7	44.4
0°-60°	6754.5	79.0
0°-90°	8551.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8551.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2915	2915	2915	2915	2915	
5°	3026	2883	2828	2888	3026	292
15°	3196	2746	2661	2746	3196	906
25°	3260	2459	2485	2434	3260	1506
35°	3141	2057	2284	2024	3141	1962
45°	2753	1622	2038	1581	2753	2120
55°	2166	1199	1731	1166	2166	1934
65°	1477	791	1286	773	1477	1459
75°	760	400	697	398	760	807
85°	151	75	125	77	151	190
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	2914.9	2914.9	2914.9	2914.9	2914.9	2914.9	2914.9	2914.9	2914.9	2914.9	2914.9
2.5°	2979.5	2936.0	2936.6	2974.7	2945.5	2959.8	2919.0	2934.6	2929.8	2933.2	2899.9
5°	3026.4	2979.5	2978.8	3011.4	2978.8	2984.9	2933.2	2943.4	2928.5	2919.0	2882.9
7.5°	3076.0	3029.1	3024.4	3052.9	3010.1	3005.3	2948.2	2948.2	2921.0	2897.2	2863.2
10°	3125.0	3076.7	3070.6	3092.3	3039.3	3023.7	2954.3	2943.4	2907.4	2872.0	2835.3
12.5°	3161.7	3112.7	3108.0	3121.6	3061.8	3033.2	2954.3	2933.2	2880.2	2830.6	2802.0
15°	3196.4	3146.1	3133.1	3139.9	3071.3	3033.2	2944.8	2912.2	2844.2	2778.9	2745.6
17.5°	3220.9	3172.6	3159.7	3159.0	3076.0	3021.6	2924.4	2879.5	2797.9	2719.1	2685.7
20°	3245.3	3197.1	3180.7	3168.5	3074.7	3006.0	2894.5	2834.0	2738.8	2650.4	2622.5
22.5°	3257.6	3207.9	3190.3	3171.9	3065.8	2977.4	2857.8	2780.9	2672.1	2566.8	2543.6
25°	3259.6	3208.6	3189.6	3163.1	3048.2	2943.4	2810.2	2717.0	2595.3	2478.4	2458.6
27.5°	3254.2	3198.4	3179.4	3147.4	3021.6	2902.0	2753.7	2644.3	2513.7	2384.5	2363.5
30°	3235.1	3178.7	3160.3	3118.9	2984.2	2851.0	2691.9	2563.4	2423.3	2285.9	2267.6
32.5°	3197.1	3142.0	3127.0	3085.5	2943.4	2791.8	2619.8	2476.3	2323.3	2192.1	2164.9
35°	3141.3	3086.2	3076.7	3033.2	2886.3	2721.1	2540.9	2381.1	2217.3	2083.3	2056.8
37.5°	3068.6	3022.3	3008.0	2965.2	2819.0	2640.9	2450.5	2277.8	2109.2	1965.0	1948.7
40°	2976.8	2933.2	2922.4	2884.3	2740.8	2551.8	2352.6	2171.0	1997.7	1863.7	1840.6
42.5°	2872.0	2831.3	2825.1	2785.7	2644.3	2453.2	2246.5	2060.2	1881.4	1752.2	1729.1
45°	2753.1	2713.6	2712.3	2674.9	2538.9	2343.7	2135.0	1948.0	1767.8	1633.9	1621.6
47.5°	2621.8	2586.5	2586.5	2551.8	2421.3	2223.4	2020.1	1831.1	1653.6	1535.3	1513.5
50°	2479.0	2445.7	2435.5	2418.5	2291.4	2092.2	1899.1	1716.8	1540.7	1427.9	1406.8
52.5°	2326.7	2298.2	2305.0	2273.7	2150.6	1955.5	1776.7	1588.3	1427.2	1324.5	1303.4
55°	2166.3	2125.5	2131.6	2120.0	2003.8	1814.7	1639.3	1482.3	1315.7	1219.1	1199.4
57.5°	1999.7	1946.7	1968.4	1961.6	1847.4	1670.6	1513.5	1361.9	1204.8	1115.8	1096.7
60°	1829.0	1778.0	1800.5	1794.4	1686.9	1526.5	1383.7	1242.9	1094.7	1013.8	994.7
62.5°	1653.6	1606.7	1627.1	1622.3	1523.7	1378.9	1254.5	1125.3	983.9	911.1	893.4
65°	1476.8	1431.9	1450.3	1446.9	1355.8	1245.6	1121.9	1003.6	872.4	809.1	791.4
67.5°	1296.0	1254.5	1271.5	1271.5	1187.8	1082.5	988.6	880.5	762.9	708.5	692.2
70°	1116.5	1077.7	1092.7	1091.3	1020.6	934.9	854.0	757.4	652.1	607.2	593.6
72.5°	935.6	901.6	915.2	913.8	854.7	799.6	719.4	635.7	543.9	507.9	495.7
75°	760.2	728.2	741.1	739.8	691.5	639.8	586.1	516.8	437.9	412.7	400.5
77.5°	592.9	560.3	571.1	571.1	535.8	498.4	455.6	401.8	346.1	318.9	310.1
80°	432.4	416.8	411.4	412.0	388.2	363.8	342.0	290.3	249.5	231.2	225.1
82.5°	284.2	271.3	265.9	267.2	253.6	238.7	225.1	189.0	161.8	150.9	147.5
85°	150.9	141.4	136.7	140.1	137.3	129.2	122.4	97.9	80.9	76.8	74.8
87.5°	47.6	41.5	38.1	50.3	42.8	38.1	36.7	29.2	22.4	22.4	21.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°	185°
0°	2914.9	2914.9	2914.9	2914.9	2914.9	2914.9	2914.9	2914.9	2914.9	2914.9	2914.9
2.5°	2910.8	2910.8	2884.3	2878.2	2875.4	2878.8	2852.3	2847.6	2885.6	2872.7	2843.5
5°	2887.7	2886.3	2848.9	2842.1	2842.1	2838.1	2808.1	2801.3	2839.4	2828.5	2796.6
7.5°	2859.1	2855.1	2810.9	2806.1	2799.3	2796.6	2763.3	2758.5	2791.1	2784.3	2754.4
10°	2824.5	2820.4	2768.0	2764.6	2757.1	2751.7	2720.4	2717.0	2750.3	2739.5	2715.7
12.5°	2778.9	2771.4	2717.7	2714.3	2708.2	2706.1	2675.5	2674.2	2710.9	2700.0	2674.9
15°	2719.1	2712.9	2653.1	2654.5	2655.1	2655.1	2630.7	2629.3	2665.3	2660.6	2633.4
17.5°	2653.1	2645.0	2587.8	2591.9	2596.7	2602.1	2583.1	2586.5	2624.6	2618.4	2594.0
20°	2578.3	2570.2	2514.4	2526.0	2536.2	2547.0	2534.8	2544.3	2579.7	2577.0	2558.6
22.5°	2494.7	2486.5	2434.9	2452.5	2469.5	2489.9	2484.5	2495.4	2532.8	2532.1	2515.8
25°	2392.7	2394.7	2349.2	2370.9	2399.5	2428.1	2430.1	2447.8	2489.2	2485.2	2470.2
27.5°	2297.5	2300.2	2251.9	2288.7	2326.7	2363.5	2372.3	2396.8	2438.9	2435.5	2422.6
30°	2197.6	2201.0	2154.0	2204.4	2250.6	2295.5	2314.5	2347.8	2390.7	2390.7	2377.1
32.5°	2093.5	2099.6	2050.7	2118.0	2171.7	2224.1	2257.4	2292.1	2341.0	2339.7	2328.1
35°	1986.8	1993.6	1948.7	2034.4	2088.1	2152.0	2193.5	2239.7	2283.2	2283.9	2275.1
37.5°	1878.0	1886.1	1845.3	1939.2	2000.4	2075.8	2128.9	2175.1	2223.4	2226.1	2218.0
40°	1769.9	1778.7	1743.4	1833.8	1911.3	1995.6	2056.8	2111.2	2164.2	2165.6	2160.2
42.5°	1661.8	1671.3	1644.8	1733.2	1820.9	1911.3	1983.4	2045.2	2099.6	2103.0	2096.9
45°	1556.4	1564.5	1545.5	1642.0	1726.4	1824.9	1907.9	1977.9	2033.0	2037.8	2035.7
47.5°	1451.7	1459.1	1442.1	1530.5	1627.8	1732.5	1828.3	1905.9	1964.3	1969.8	1968.4
50°	1349.0	1355.1	1336.8	1429.2	1525.8	1637.3	1737.2	1827.0	1892.3	1897.7	1897.0
52.5°	1247.0	1253.1	1237.5	1334.7	1422.4	1540.1	1648.8	1746.1	1810.7	1818.8	1820.2
55°	1148.4	1151.1	1138.9	1232.0	1317.0	1440.1	1565.2	1659.7	1724.3	1731.1	1735.2
57.5°	1049.8	1050.5	1040.3	1129.4	1211.0	1336.8	1468.0	1567.3	1628.4	1635.2	1641.4
60°	951.9	951.2	939.7	1026.0	1104.2	1228.6	1365.3	1463.9	1523.1	1529.2	1537.3
62.5°	854.7	852.6	842.4	922.0	995.4	1118.5	1255.8	1351.0	1407.5	1411.5	1422.4
65°	758.1	756.1	746.6	820.0	886.6	1004.3	1138.9	1229.3	1280.3	1285.8	1283.7
67.5°	662.9	658.9	651.4	717.3	777.8	886.6	1015.8	1102.2	1144.3	1149.1	1162.0
70°	567.7	563.0	546.0	616.0	669.1	766.3	886.6	963.5	998.8	1003.6	1001.5
72.5°	473.9	469.2	450.8	515.4	560.3	645.3	752.7	816.6	847.2	851.3	851.3
75°	382.8	380.1	368.5	417.5	454.9	524.2	615.3	668.4	692.2	696.9	695.6
77.5°	295.1	293.1	281.5	323.6	352.9	404.6	478.0	519.5	537.1	542.6	554.1
80°	211.5	210.8	192.4	233.9	246.8	290.3	344.0	376.0	385.5	393.0	401.2
82.5°	135.3	136.0	117.6	153.0	158.4	186.3	219.6	239.3	246.1	252.3	258.4
85°	66.0	68.7	58.5	80.9	81.6	95.9	110.1	117.6	120.3	125.1	130.5
87.5°	17.0	19.7	10.9	23.1	20.4	26.5	30.6	32.6	32.0	35.4	37.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°	285°
0°	2914.9	2914.9	2914.9	2914.9	2914.9	2914.9	2914.9	2914.9	2914.9	2914.9	2914.9
2.5°	2853.0	2874.8	2863.9	2899.2	2912.8	2891.1	2929.2	2929.8	2902.6	2934.6	2952.3
5°	2808.8	2831.3	2824.5	2861.2	2878.2	2859.1	2905.4	2914.2	2887.7	2923.7	2952.3
7.5°	2763.9	2790.5	2781.6	2819.0	2839.4	2824.5	2874.1	2888.4	2868.0	2907.4	2945.5
10°	2725.2	2747.6	2738.1	2777.5	2795.2	2783.0	2831.9	2858.5	2839.4	2887.7	2933.2
12.5°	2687.1	2705.5	2694.6	2727.2	2744.2	2728.6	2788.4	2812.9	2799.3	2849.6	2908.1
15°	2638.2	2658.5	2643.6	2672.8	2685.7	2672.1	2721.1	2763.3	2746.3	2801.3	2865.9
17.5°	2600.8	2612.3	2591.9	2615.0	2622.5	2604.2	2653.8	2695.3	2683.0	2742.9	2817.7
20°	2559.3	2568.8	2540.2	2553.2	2552.5	2529.4	2574.9	2615.7	2607.6	2673.5	2758.5
22.5°	2513.0	2517.8	2484.5	2487.2	2485.8	2447.8	2488.6	2530.0	2526.6	2593.3	2688.5
25°	2464.1	2464.8	2421.9	2420.6	2405.6	2360.7	2396.8	2443.7	2433.5	2505.6	2605.5
27.5°	2415.8	2409.0	2357.3	2345.1	2321.3	2267.6	2299.5	2341.7	2335.6	2406.3	2517.1
30°	2364.1	2355.3	2292.1	2269.6	2234.9	2173.1	2199.6	2239.0	2242.4	2304.3	2420.6
32.5°	2315.2	2292.7	2222.7	2190.1	2146.6	2074.5	2088.8	2128.9	2134.3	2196.9	2316.5
35°	2251.9	2237.0	2150.6	2094.9	2052.0	1973.2	1988.1	2016.0	2024.2	2085.4	2207.1
37.5°	2192.1	2168.3	2076.5	2008.5	1953.5	1870.5	1874.6	1903.1	1911.3	1973.2	2093.5
40°	2130.2	2096.2	1997.7	1918.1	1854.9	1767.8	1763.1	1793.0	1799.1	1859.6	1968.4
42.5°	2064.3	2023.5	1912.7	1825.6	1752.9	1664.5	1655.0	1680.8	1687.6	1746.8	1853.5
45°	1997.7	1948.7	1825.6	1730.4	1650.9	1560.5	1550.9	1570.7	1580.9	1636.6	1739.3
47.5°	1926.9	1869.8	1735.9	1629.8	1547.5	1457.1	1445.5	1465.3	1473.4	1528.5	1625.7
50°	1852.8	1783.5	1643.4	1526.5	1444.9	1355.8	1338.8	1361.9	1369.4	1421.1	1516.3
52.5°	1771.2	1694.4	1544.8	1422.4	1340.8	1255.8	1235.4	1257.9	1266.7	1317.0	1404.7
55°	1684.9	1601.9	1445.5	1326.6	1238.2	1155.2	1138.2	1147.1	1166.1	1213.7	1295.3
57.5°	1587.7	1505.4	1340.8	1219.8	1134.8	1055.3	1041.0	1049.1	1066.8	1113.1	1186.5
60°	1484.3	1397.3	1234.1	1113.1	1030.8	955.3	942.4	949.9	968.9	1011.1	1079.1
62.5°	1382.3	1284.4	1123.9	1003.6	928.8	858.8	855.4	852.6	870.3	911.1	970.9
65°	1258.6	1164.7	1009.0	894.8	826.8	763.6	750.0	756.1	773.1	810.5	873.0
67.5°	1126.0	1041.0	891.4	786.0	725.5	669.1	657.5	660.2	677.9	710.5	764.9
70°	985.2	910.4	771.0	676.5	625.5	572.5	565.0	565.7	582.7	611.3	658.9
72.5°	837.7	770.4	649.3	568.4	526.3	488.2	481.4	473.2	488.9	513.4	554.1
75°	687.4	628.3	528.3	462.4	429.0	397.1	391.0	382.8	398.4	419.5	451.5
77.5°	535.8	488.2	410.7	359.7	333.8	310.1	304.6	295.8	311.4	327.0	352.2
80°	387.6	352.9	306.7	252.9	244.1	228.5	223.0	213.5	228.5	238.7	257.7
82.5°	250.2	227.1	200.6	163.2	161.8	150.3	147.5	136.7	150.3	156.4	170.7
85°	126.5	115.6	108.8	83.0	85.7	78.2	77.5	66.0	76.8	79.6	87.7
87.5°	36.0	38.1	34.0	20.4	25.8	24.5	24.5	17.7	24.5	24.5	27.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P837783

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CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	2914.9	2914.9	2914.9	2914.9	2914.9	2914.9	2914.9	2914.9
2.5°	2917.6	2929.2	2931.9	2931.2	2938.7	2979.5	2965.9	2979.5
5°	2924.4	2950.2	2957.0	2966.6	2978.8	3025.0	3010.1	3026.4
7.5°	2928.5	2967.2	2982.2	3000.6	3020.3	3072.0	3059.7	3076.0
10°	2928.5	2978.8	3000.6	3031.2	3057.7	3117.5	3105.9	3125.0
12.5°	2916.2	2980.8	3011.4	3054.3	3088.3	3152.9	3148.1	3161.7
15°	2891.1	2970.6	3012.8	3067.9	3110.0	3182.1	3180.1	3196.4
17.5°	2857.1	2953.0	3004.0	3073.3	3126.3	3207.3	3212.0	3220.9
20°	2814.3	2919.6	2986.3	3071.3	3137.9	3227.0	3233.1	3245.3
22.5°	2757.8	2879.5	2959.8	3062.4	3139.3	3235.1	3246.0	3257.6
25°	2691.2	2831.3	2925.1	3045.4	3132.5	3234.5	3249.4	3259.6
27.5°	2615.0	2768.7	2880.9	3018.2	3113.4	3223.6	3241.9	3254.2
30°	2526.6	2702.1	2830.6	2982.9	3087.6	3203.2	3222.9	3235.1
32.5°	2435.5	2628.6	2770.7	2937.3	3050.2	3170.5	3187.5	3197.1
35°	2336.3	2539.6	2698.7	2878.8	3001.9	3118.2	3131.1	3141.3
37.5°	2228.2	2443.0	2616.4	2812.9	2933.9	3045.4	3057.0	3068.6
40°	2116.6	2341.7	2523.9	2732.0	2853.0	2956.4	2968.6	2976.8
42.5°	2004.5	2229.5	2425.3	2636.8	2757.1	2856.4	2863.9	2872.0
45°	1890.9	2113.2	2314.5	2531.4	2650.4	2743.5	2746.3	2753.1
47.5°	1775.3	1992.9	2192.8	2411.1	2528.7	2613.7	2616.4	2621.8
50°	1659.0	1872.5	2062.9	2281.2	2396.1	2485.8	2473.6	2479.0
52.5°	1544.8	1746.1	1940.5	2141.1	2254.7	2334.2	2337.6	2326.7
55°	1432.6	1622.3	1801.2	1994.3	2102.4	2164.2	2162.2	2166.3
57.5°	1319.1	1497.2	1661.1	1837.9	1943.3	2001.7	2014.0	1999.7
60°	1203.5	1370.8	1517.6	1677.4	1779.4	1828.3	1842.6	1829.0
62.5°	1088.6	1242.2	1375.5	1514.9	1609.4	1669.9	1668.6	1653.6
65°	973.7	1113.1	1232.0	1350.4	1432.6	1493.1	1490.4	1476.8
67.5°	867.6	982.5	1089.3	1185.1	1256.5	1298.0	1312.3	1296.0
70°	750.6	849.9	943.8	1020.6	1079.7	1117.1	1130.7	1116.5
72.5°	633.7	718.0	784.0	858.1	903.6	934.9	949.2	935.6
75°	518.1	587.5	641.2	699.0	730.9	757.4	773.8	760.2
77.5°	405.9	459.6	502.5	544.6	581.3	587.5	601.7	592.9
80°	299.2	337.9	369.2	397.1	423.6	426.3	437.9	432.4
82.5°	199.2	225.1	233.2	262.5	279.5	276.7	288.3	284.2
85°	105.4	121.0	135.3	144.1	153.7	144.8	155.0	150.9
87.5°	35.4	37.4	32.6	46.2	51.0	43.5	49.6	47.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)