

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: P838131

Luminaire Tested: **ORLG-24-4-INS-ASY2R-LD4-2STD-50-120-EDD**

Issue Date: 5/21/2024



Test Information

Test Method: LM-79-08
Report Number: P838131
Test Lab: INNOVATION CENTER(G2)
Issue Date: 5/21/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: ORLG-24-4-INS-ASY2R-LD4-2STD-50-120-EDD
Description: 2FT x 4FT ORL LED LUMINAIRE WITH asymmetric/symmetric lens v2 and
RFI grid
Light Source: 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

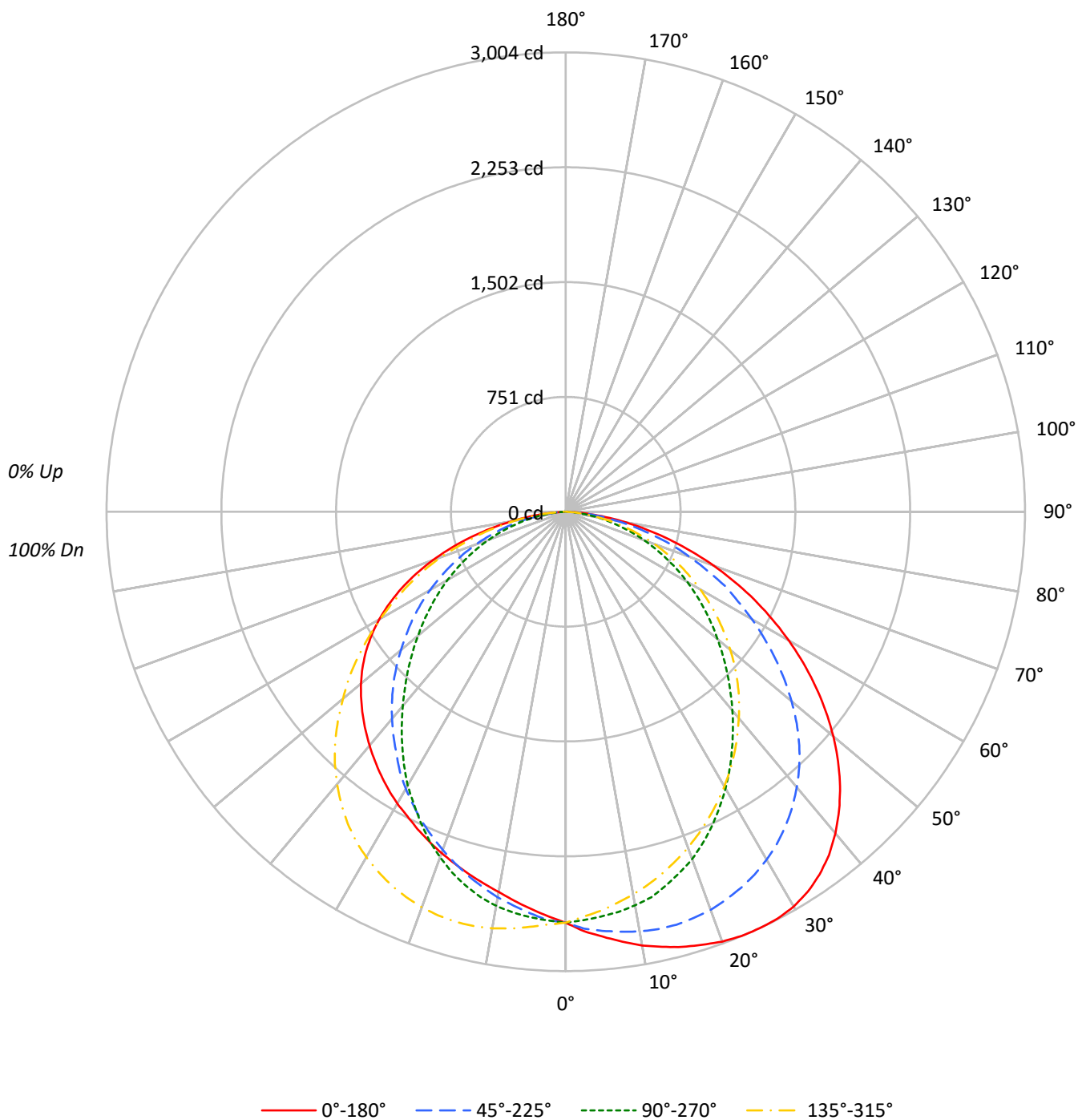
Lumens per Lamp: N/A
Luminaire Lumens: 7882.0 lumens
Efficiency: N/A
Efficacy: 118.3 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.16 / 1.4
Luminous Opening: Rectangular (W 2' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 66.6
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



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

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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°	3615	3615	3615	3615
5°	3767	3589	3521	3595
10°	3935	3570	3450	3575
15°	4104	3525	3416	3526
20°	4283	3461	3401	3441
25°	4460	3364	3400	3330
30°	4632	3247	3423	3211
35°	4756	3114	3458	3064
40°	4819	2980	3506	2912
45°	4828	2844	3574	2772
50°	4783	2714	3661	2642
55°	4684	2593	3743	2521
60°	4536	2467	3793	2403
65°	4333	2323	3773	2268
70°	4048	2152	3639	2113
75°	3642	1919	3339	1909
80°	3088	1607	2806	1632
85°	2147	1064	1780	1093

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

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Peachtree City, GA 30269



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	255.1	3.2
10°-20°	738.6	9.4
20°-30°	1132.0	14.4
30°-40°	1376.4	17.5
40°-50°	1430.9	18.2
50°-60°	1292.5	16.4
60°-70°	982.6	12.5
70°-80°	547.8	7.0
80°-90°	126.1	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°	2125.7	27.0
0°-40°	3502.1	44.4
0°-60°	6225.5	79.0
0°-90°	7882.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7882.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2687	2687	2687	2687	2687	
5°	2789	2657	2607	2662	2789	269
15°	2946	2530	2452	2531	2946	835
25°	3004	2266	2290	2243	3004	1388
35°	2895	1896	2105	1866	2895	1808
45°	2537	1495	1878	1457	2537	1954
55°	1997	1106	1596	1075	1997	1782
65°	1361	730	1185	712	1361	1345
75°	701	369	642	367	701	744
85°	139	69	115	71	139	175
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°	2686.6	2686.6	2686.6	2686.6	2686.6	2686.6	2686.6	2686.6	2686.6	2686.6	2686.6
2.5°	2746.1	2706.0	2706.6	2741.7	2714.8	2727.9	2690.3	2704.7	2700.4	2703.5	2672.8
5°	2789.3	2746.1	2745.5	2775.6	2745.5	2751.1	2703.5	2712.9	2699.1	2690.3	2657.1
7.5°	2835.1	2791.9	2787.5	2813.8	2774.3	2769.9	2717.3	2717.3	2692.2	2670.3	2638.9
10°	2880.2	2835.7	2830.1	2850.1	2801.3	2786.8	2722.9	2712.9	2679.7	2647.1	2613.2
12.5°	2914.1	2868.9	2864.5	2877.1	2821.9	2795.6	2722.9	2703.5	2654.6	2608.9	2582.5
15°	2946.0	2899.6	2887.7	2894.0	2830.7	2795.6	2714.1	2684.1	2621.4	2561.2	2530.5
17.5°	2968.6	2924.1	2912.2	2911.5	2835.1	2785.0	2695.3	2654.0	2578.8	2506.1	2475.4
20°	2991.1	2946.6	2931.6	2920.3	2833.8	2770.5	2667.8	2612.0	2524.3	2442.8	2417.1
22.5°	3002.4	2956.7	2940.4	2923.5	2825.7	2744.2	2633.9	2563.1	2462.8	2365.7	2344.4
25°	3004.3	2957.3	2939.7	2915.3	2809.4	2712.9	2590.1	2504.2	2392.0	2284.2	2266.1
27.5°	2999.3	2947.9	2930.3	2900.9	2785.0	2674.7	2538.0	2437.2	2316.8	2197.8	2178.3
30°	2981.7	2929.7	2912.8	2874.6	2750.5	2627.7	2481.0	2362.6	2233.5	2106.9	2090.0
32.5°	2946.6	2895.9	2882.1	2843.9	2712.9	2573.1	2414.6	2282.4	2141.4	2020.4	1995.3
35°	2895.3	2844.5	2835.7	2795.6	2660.2	2508.0	2341.9	2194.6	2043.6	1920.1	1895.7
37.5°	2828.2	2785.6	2772.4	2732.9	2598.2	2434.0	2258.5	2099.4	1944.0	1811.1	1796.1
40°	2743.6	2703.5	2693.5	2658.4	2526.1	2351.9	2168.3	2001.0	1841.2	1717.7	1696.4
42.5°	2647.1	2609.5	2603.8	2567.5	2437.2	2261.1	2070.5	1898.8	1734.0	1615.0	1593.6
45°	2537.4	2501.1	2499.8	2465.4	2340.0	2160.2	1967.8	1795.4	1629.4	1505.9	1494.6
47.5°	2416.5	2383.9	2383.9	2351.9	2231.6	2049.2	1861.9	1687.6	1524.1	1415.0	1395.0
50°	2284.9	2254.2	2244.8	2229.1	2111.9	1928.3	1750.3	1582.4	1420.1	1316.0	1296.6
52.5°	2144.5	2118.2	2124.4	2095.6	1982.2	1802.3	1637.5	1463.9	1315.4	1220.8	1201.3
55°	1996.6	1959.0	1964.6	1954.0	1846.8	1672.6	1510.9	1366.2	1212.6	1123.6	1105.5
57.5°	1843.1	1794.2	1814.2	1808.0	1702.7	1539.7	1395.0	1255.2	1110.5	1028.4	1010.8
60°	1685.8	1638.8	1659.4	1653.8	1554.8	1406.9	1275.3	1145.6	1009.0	934.4	916.8
62.5°	1524.1	1480.8	1499.6	1495.3	1404.4	1270.9	1156.2	1037.2	906.8	839.7	823.5
65°	1361.1	1319.8	1336.7	1333.6	1249.6	1148.1	1034.0	925.0	804.0	745.7	729.5
67.5°	1194.4	1156.2	1171.9	1171.9	1094.8	997.7	911.2	811.5	703.1	653.0	638.0
70°	1029.0	993.3	1007.1	1005.8	940.6	861.7	787.1	698.1	601.0	559.6	547.1
72.5°	862.3	831.0	843.5	842.3	787.7	737.0	663.0	585.9	501.3	468.1	456.8
75°	700.6	671.2	683.1	681.8	637.3	589.7	540.2	476.3	403.6	380.4	369.1
77.5°	546.5	516.4	526.4	526.4	493.8	459.4	419.9	370.4	319.0	293.9	285.8
80°	398.6	384.2	379.1	379.8	357.8	335.3	315.2	267.6	230.0	213.1	207.4
82.5°	262.0	250.0	245.0	246.3	233.8	220.0	207.4	174.2	149.1	139.1	136.0
85°	139.1	130.3	126.0	129.1	126.6	119.1	112.8	90.2	74.6	70.8	68.9
87.5°	43.9	38.2	35.1	46.4	39.5	35.1	33.8	26.9	20.7	20.7	20.1
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°	2686.6	2686.6	2686.6	2686.6	2686.6	2686.6	2686.6	2686.6	2686.6	2686.6	2686.6
2.5°	2682.8	2682.8	2658.4	2652.7	2650.2	2653.4	2628.9	2624.5	2659.6	2647.7	2620.8
5°	2661.5	2660.2	2625.8	2619.5	2619.5	2615.8	2588.2	2581.9	2617.0	2607.0	2577.5
7.5°	2635.2	2631.4	2590.7	2586.3	2580.0	2577.5	2546.8	2542.4	2572.5	2566.2	2538.7
10°	2603.2	2599.5	2551.2	2548.1	2541.2	2536.2	2507.3	2504.2	2534.9	2524.9	2503.0
12.5°	2561.2	2554.3	2504.8	2501.7	2496.1	2494.2	2466.0	2464.7	2498.6	2488.5	2465.4
15°	2506.1	2500.4	2445.3	2446.6	2447.2	2447.2	2424.6	2423.4	2456.6	2452.2	2427.1
17.5°	2445.3	2437.8	2385.1	2388.9	2393.3	2398.3	2380.8	2383.9	2419.0	2413.3	2390.8
20°	2376.4	2368.8	2317.5	2328.1	2337.5	2347.5	2336.3	2345.0	2377.6	2375.1	2358.2
22.5°	2299.3	2291.8	2244.1	2260.4	2276.1	2294.9	2289.9	2299.9	2334.4	2333.8	2318.7
25°	2205.3	2207.2	2165.2	2185.2	2211.5	2237.9	2239.7	2256.0	2294.3	2290.5	2276.7
27.5°	2117.5	2120.1	2075.6	2109.4	2144.5	2178.3	2186.5	2209.0	2247.9	2244.8	2232.9
30°	2025.4	2028.6	1985.3	2031.7	2074.3	2115.7	2133.2	2163.9	2203.4	2203.4	2190.9
32.5°	1929.5	1935.2	1890.1	1952.1	2001.6	2049.9	2080.6	2112.5	2157.7	2156.4	2145.7
35°	1831.2	1837.4	1796.1	1875.0	1924.5	1983.4	2021.7	2064.3	2104.4	2105.0	2096.9
37.5°	1730.9	1738.4	1700.8	1787.3	1843.7	1913.2	1962.1	2004.7	2049.2	2051.7	2044.2
40°	1631.2	1639.4	1606.8	1690.2	1761.6	1839.3	1895.7	1945.8	1994.7	1996.0	1991.0
42.5°	1531.6	1540.4	1515.9	1597.4	1678.2	1761.6	1828.0	1885.0	1935.2	1938.3	1932.7
45°	1434.5	1442.0	1424.4	1513.4	1591.1	1682.0	1758.5	1823.0	1873.8	1878.2	1876.3
47.5°	1338.0	1344.9	1329.2	1410.7	1500.3	1596.8	1685.1	1756.6	1810.5	1815.5	1814.2
50°	1243.3	1249.0	1232.0	1317.3	1406.3	1509.0	1601.2	1683.9	1744.0	1749.1	1748.4
52.5°	1149.3	1155.0	1140.6	1230.2	1311.0	1419.4	1519.7	1609.3	1668.8	1676.4	1677.6
55°	1058.5	1061.0	1049.7	1135.5	1213.9	1327.3	1442.6	1529.7	1589.3	1595.5	1599.3
57.5°	967.6	968.2	958.8	1040.9	1116.1	1232.0	1353.0	1444.5	1500.9	1507.2	1512.8
60°	877.3	876.7	866.1	945.7	1017.7	1132.4	1258.4	1349.2	1403.8	1409.4	1416.9
62.5°	787.7	785.9	776.5	849.8	917.5	1030.9	1157.5	1245.2	1297.2	1301.0	1311.0
65°	698.7	696.9	688.1	755.8	817.2	925.6	1049.7	1133.0	1180.0	1185.0	1183.2
67.5°	611.0	607.3	600.4	661.1	716.9	817.2	936.3	1015.8	1054.7	1059.1	1071.0
70°	523.3	518.9	503.2	567.8	616.7	706.3	817.2	888.0	920.6	925.0	923.1
72.5°	436.8	432.4	415.5	475.0	516.4	594.7	693.7	752.6	780.8	784.6	784.6
75°	352.8	350.3	339.7	384.8	419.2	483.2	567.1	616.0	638.0	642.3	641.1
77.5°	272.0	270.1	259.4	298.3	325.2	372.9	440.6	478.8	495.1	500.1	510.7
80°	194.9	194.3	177.3	215.6	227.5	267.6	317.1	346.6	355.3	362.2	369.7
82.5°	124.7	125.3	108.4	141.0	146.0	171.7	202.4	220.6	226.9	232.5	238.1
85°	60.8	63.3	53.9	74.6	75.2	88.4	101.5	108.4	110.9	115.3	120.3
87.5°	15.7	18.2	10.0	21.3	18.8	24.4	28.2	30.1	29.5	32.6	34.5
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°	2686.6	2686.6	2686.6	2686.6	2686.6	2686.6	2686.6	2686.6	2686.6	2686.6	2686.6
2.5°	2629.5	2649.6	2639.6	2672.2	2684.7	2664.6	2699.7	2700.4	2675.3	2704.7	2721.0
5°	2588.8	2609.5	2603.2	2637.1	2652.7	2635.2	2677.8	2685.9	2661.5	2694.7	2721.0
7.5°	2547.4	2571.9	2563.7	2598.2	2617.0	2603.2	2649.0	2662.1	2643.3	2679.7	2714.8
10°	2511.7	2532.4	2523.6	2560.0	2576.3	2565.0	2610.1	2634.6	2617.0	2661.5	2703.5
12.5°	2476.6	2493.6	2483.5	2513.6	2529.3	2514.9	2570.0	2592.6	2580.0	2626.4	2680.3
15°	2431.5	2450.3	2436.5	2463.5	2475.4	2462.8	2508.0	2546.8	2531.2	2581.9	2641.4
17.5°	2397.0	2407.7	2388.9	2410.2	2417.1	2400.2	2445.9	2484.2	2472.9	2528.0	2597.0
20°	2358.8	2367.6	2341.3	2353.2	2352.6	2331.2	2373.2	2410.8	2403.3	2464.1	2542.4
22.5°	2316.2	2320.6	2289.9	2292.4	2291.1	2256.0	2293.6	2331.9	2328.7	2390.2	2477.9
25°	2271.1	2271.7	2232.2	2231.0	2217.2	2175.8	2209.0	2252.3	2242.9	2309.3	2401.4
27.5°	2226.6	2220.3	2172.7	2161.4	2139.5	2090.0	2119.4	2158.3	2152.6	2217.8	2320.0
30°	2179.0	2170.8	2112.5	2091.9	2059.9	2002.9	2027.3	2063.7	2066.8	2123.8	2231.0
32.5°	2133.8	2113.2	2048.6	2018.5	1978.4	1912.0	1925.2	1962.1	1967.1	2024.8	2135.1
35°	2075.6	2061.8	1982.2	1930.8	1891.3	1818.6	1832.4	1858.1	1865.6	1922.0	2034.2
37.5°	2020.4	1998.5	1913.9	1851.2	1800.4	1724.0	1727.8	1754.1	1761.6	1818.6	1929.5
40°	1963.4	1932.0	1841.2	1767.9	1709.6	1629.4	1625.0	1652.6	1658.2	1714.0	1814.2
42.5°	1902.6	1865.0	1762.8	1682.6	1615.6	1534.1	1525.3	1549.1	1555.4	1609.9	1708.3
45°	1841.2	1796.1	1682.6	1594.9	1521.6	1438.2	1429.5	1447.6	1457.0	1508.4	1603.0
47.5°	1776.0	1723.4	1599.9	1502.1	1426.3	1343.0	1332.3	1350.5	1358.0	1408.8	1498.4
50°	1707.7	1643.8	1514.7	1406.9	1331.7	1249.6	1233.9	1255.2	1262.1	1309.8	1397.5
52.5°	1632.5	1561.7	1423.8	1311.0	1235.8	1157.5	1138.7	1159.4	1167.5	1213.9	1294.7
55°	1552.9	1476.5	1332.3	1222.6	1141.2	1064.7	1049.1	1057.2	1074.8	1118.6	1193.8
57.5°	1463.3	1387.5	1235.8	1124.3	1045.9	972.6	959.4	967.0	983.3	1025.9	1093.6
60°	1368.0	1287.8	1137.4	1025.9	950.0	880.5	868.6	875.5	893.0	931.9	994.5
62.5°	1274.0	1183.8	1035.9	925.0	856.0	791.5	788.4	785.9	802.1	839.7	894.9
65°	1160.0	1073.5	930.0	824.7	762.0	703.8	691.2	696.9	712.5	747.0	804.7
67.5°	1037.8	959.4	821.6	724.4	668.7	616.7	606.0	608.5	624.8	654.9	705.0
70°	908.1	839.1	710.7	623.5	576.5	527.7	520.8	521.4	537.1	563.4	607.3
72.5°	772.1	710.0	598.5	523.9	485.0	450.0	443.7	436.2	450.6	473.1	510.7
75°	633.6	579.1	486.9	426.1	395.4	366.0	360.3	352.8	367.2	386.7	416.1
77.5°	493.8	450.0	378.5	331.5	307.7	285.8	280.8	272.6	287.0	301.4	324.6
80°	357.2	325.2	282.6	233.1	225.0	210.6	205.6	196.8	210.6	220.0	237.5
82.5°	230.6	209.3	184.9	150.4	149.1	138.5	136.0	126.0	138.5	144.1	157.3
85°	116.6	106.5	100.3	76.5	79.0	72.1	71.4	60.8	70.8	73.3	80.8
87.5°	33.2	35.1	31.3	18.8	23.8	22.6	22.6	16.3	22.6	22.6	25.7
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: P838131

CATALOG NUMBER: ORLG-24-4-INS-ASY2R-LD4-2STD-50-120-EDD

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	2686.6	2686.6	2686.6	2686.6	2686.6	2686.6	2686.6	2686.6
2.5°	2689.1	2699.7	2702.2	2701.6	2708.5	2746.1	2733.6	2746.1
5°	2695.3	2719.2	2725.4	2734.2	2745.5	2788.1	2774.3	2789.3
7.5°	2699.1	2734.8	2748.6	2765.5	2783.7	2831.3	2820.1	2835.1
10°	2699.1	2745.5	2765.5	2793.7	2818.2	2873.3	2862.7	2880.2
12.5°	2687.8	2747.4	2775.6	2815.0	2846.4	2905.9	2901.5	2914.1
15°	2664.6	2738.0	2776.8	2827.6	2866.4	2932.9	2931.0	2946.0
17.5°	2633.3	2721.7	2768.7	2832.6	2881.5	2956.0	2960.4	2968.6
20°	2593.8	2691.0	2752.4	2830.7	2892.1	2974.2	2979.9	2991.1
22.5°	2541.8	2654.0	2727.9	2822.6	2893.4	2981.7	2991.8	3002.4
25°	2480.4	2609.5	2696.0	2806.9	2887.1	2981.1	2994.9	3004.3
27.5°	2410.2	2551.8	2655.2	2781.8	2869.6	2971.1	2988.0	2999.3
30°	2328.7	2490.4	2608.9	2749.2	2845.7	2952.3	2970.5	2981.7
32.5°	2244.8	2422.7	2553.7	2707.3	2811.3	2922.2	2937.9	2946.6
35°	2153.3	2340.6	2487.3	2653.4	2766.8	2873.9	2885.9	2895.3
37.5°	2053.6	2251.7	2411.5	2592.6	2704.1	2806.9	2817.5	2828.2
40°	1950.8	2158.3	2326.2	2518.0	2629.5	2724.8	2736.1	2743.6
42.5°	1847.4	2054.9	2235.4	2430.3	2541.2	2632.7	2639.6	2647.1
45°	1742.8	1947.7	2133.2	2333.1	2442.8	2528.6	2531.2	2537.4
47.5°	1636.3	1836.8	2021.0	2222.2	2330.6	2409.0	2411.5	2416.5
50°	1529.1	1725.9	1901.3	2102.5	2208.4	2291.1	2279.9	2284.9
52.5°	1423.8	1609.3	1788.5	1973.4	2078.1	2151.4	2154.5	2144.5
55°	1320.4	1495.3	1660.1	1838.0	1937.7	1994.7	1992.8	1996.6
57.5°	1215.8	1379.9	1531.0	1693.9	1791.0	1844.9	1856.2	1843.1
60°	1109.2	1263.4	1398.7	1546.0	1640.0	1685.1	1698.3	1685.8
62.5°	1003.3	1144.9	1267.8	1396.2	1483.3	1539.1	1537.9	1524.1
65°	897.4	1025.9	1135.5	1244.6	1320.4	1376.2	1373.7	1361.1
67.5°	799.6	905.6	1003.9	1092.3	1158.1	1196.3	1209.5	1194.4
70°	691.9	783.3	869.8	940.6	995.2	1029.6	1042.2	1029.0
72.5°	584.1	661.8	722.6	790.9	832.9	861.7	874.8	862.3
75°	477.5	541.5	591.0	644.2	673.7	698.1	713.2	700.6
77.5°	374.1	423.6	463.1	502.0	535.8	541.5	554.6	546.5
80°	275.7	311.5	340.3	366.0	390.4	392.9	403.6	398.6
82.5°	183.6	207.4	215.0	241.9	257.6	255.1	265.7	262.0
85°	97.1	111.5	124.7	132.9	141.6	133.5	142.9	139.1
87.5°	32.6	34.5	30.1	42.6	47.0	40.1	45.7	43.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)