

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: P837755

Luminaire Tested: **ORLG-12-4-INS-ASY2R-LD4-3LO-40-120-EDD**

Issue Date: 5/21/2024



Test Information

Test Method: LM-79-08
Report Number: P837755
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-LD4-3LO-40-120-EDD
Description: 1FT x 4FT ORL LED LUMINAIRE WITH asymmetric/symmetric lens v2 and
RFI grid
Light Source: 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

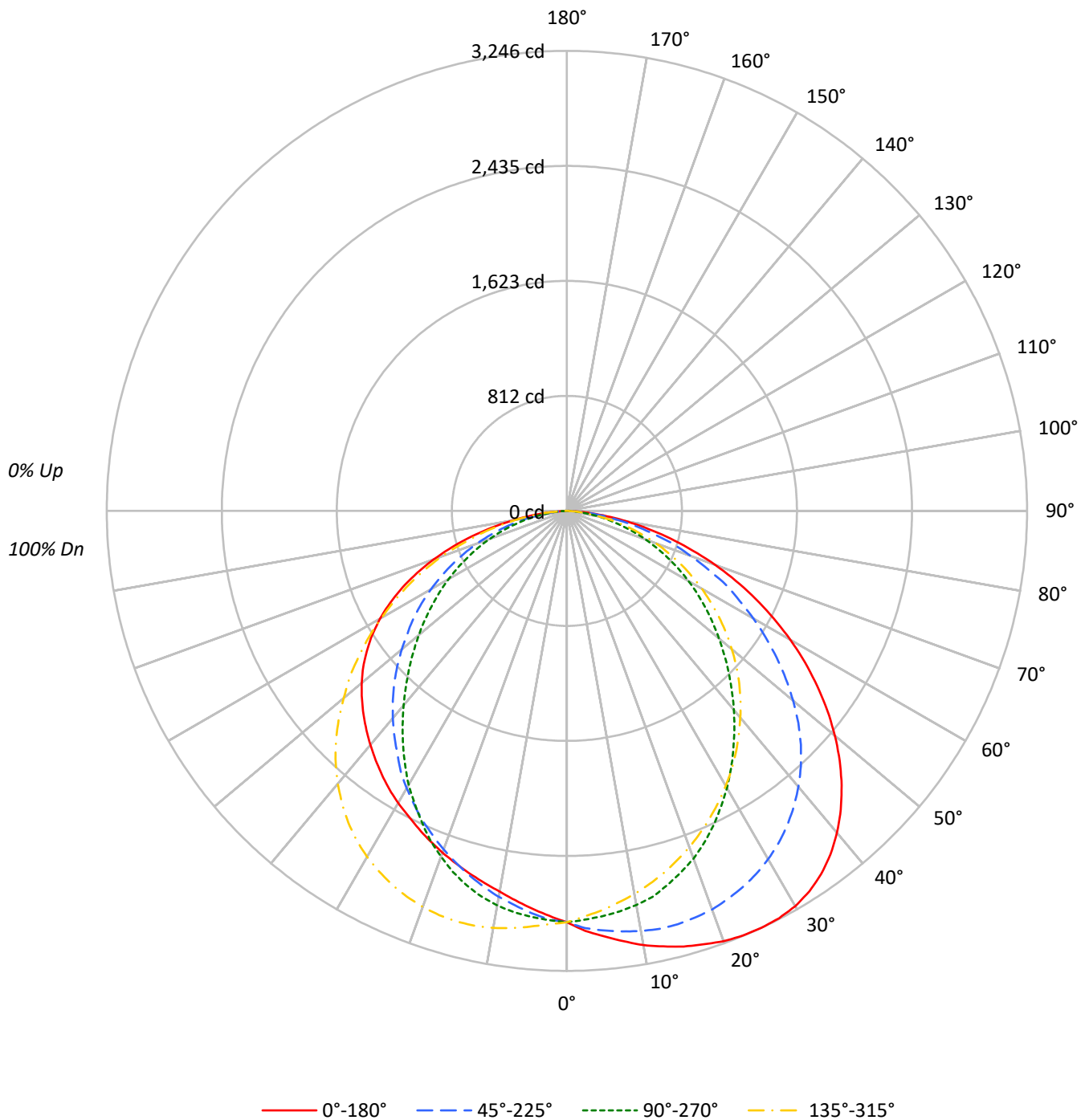
Lumens per Lamp: N/A
Luminaire Lumens: 8514.8 lumens
Efficiency: N/A
Efficacy: 121.3 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.16 / 1.4
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 70.2
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



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°	7810	7810	7810	7810
5°	8140	7754	7608	7767
10°	8502	7714	7453	7725
15°	8866	7616	7380	7618
20°	9253	7477	7348	7435
25°	9636	7269	7347	7194
30°	10009	7016	7396	6938
35°	10275	6728	7470	6621
40°	10411	6438	7574	6293
45°	10432	6145	7721	5990
50°	10333	5864	7910	5708
55°	10119	5603	8086	5447
60°	9801	5330	8194	5192
65°	9363	5018	8152	4901
70°	8746	4650	7862	4565
75°	7870	4145	7215	4125
80°	6673	3473	6064	3526
85°	4641	2300	3847	2362

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	275.5	3.2
10°-20°	797.9	9.4
20°-30°	1222.9	14.4
30°-40°	1486.9	17.5
40°-50°	1545.7	18.2
50°-60°	1396.3	16.4
60°-70°	1061.5	12.5
70°-80°	591.8	7.0
80°-90°	136.3	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°	2296.3	27.0
0°-40°	3783.2	44.4
0°-60°	6725.2	79.0
0°-90°	8514.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8514.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2902	2902	2902	2902	2902	
5°	3013	2870	2816	2875	3013	291
15°	3182	2734	2649	2734	3182	902
25°	3246	2448	2474	2423	3246	1499
35°	3128	2048	2274	2015	3128	1953
45°	2741	1615	2029	1574	2741	2110
55°	2157	1194	1724	1161	2157	1925
65°	1470	788	1280	770	1470	1453
75°	757	399	694	397	757	804
85°	150	74	125	76	150	189
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°	2902.2	2902.2	2902.2	2902.2	2902.2	2902.2	2902.2	2902.2	2902.2	2902.2	2902.2
2.5°	2966.6	2923.2	2923.9	2961.8	2932.7	2946.9	2906.3	2921.9	2917.1	2920.5	2887.3
5°	3013.3	2966.6	2965.9	2998.4	2965.9	2972.0	2920.5	2930.7	2915.8	2906.3	2870.4
7.5°	3062.7	3016.0	3011.2	3039.7	2997.0	2992.3	2935.4	2935.4	2908.3	2884.6	2850.8
10°	3111.4	3063.4	3057.3	3078.9	3026.1	3010.6	2941.5	2930.7	2894.8	2859.6	2823.0
12.5°	3148.0	3099.2	3094.5	3108.0	3048.5	3020.0	2941.5	2920.5	2867.7	2818.3	2789.9
15°	3182.5	3132.4	3119.6	3126.3	3057.9	3020.0	2932.0	2899.5	2831.8	2766.8	2733.7
17.5°	3206.9	3158.8	3146.0	3145.3	3062.7	3008.5	2911.7	2867.0	2785.8	2707.3	2674.1
20°	3231.3	3183.2	3166.9	3154.8	3061.3	2993.0	2881.9	2821.7	2726.9	2638.9	2611.1
22.5°	3243.4	3194.0	3176.4	3158.1	3052.5	2964.5	2845.4	2768.9	2660.6	2555.6	2532.6
25°	3245.5	3194.7	3175.7	3149.3	3034.9	2930.7	2798.0	2705.2	2584.1	2467.6	2448.0
27.5°	3240.1	3184.5	3165.6	3133.8	3008.5	2889.4	2741.8	2632.8	2502.8	2374.2	2353.2
30°	3221.1	3164.9	3146.6	3105.3	2971.3	2838.6	2680.2	2552.2	2412.8	2276.0	2257.8
32.5°	3183.2	3128.4	3113.5	3072.2	2930.7	2779.7	2608.4	2465.6	2313.3	2182.6	2155.5
35°	3127.7	3072.8	3063.4	3020.0	2873.8	2709.3	2529.9	2370.8	2207.7	2074.3	2047.9
37.5°	3055.2	3009.2	2995.0	2952.3	2806.8	2629.4	2439.9	2267.9	2100.0	1956.5	1940.2
40°	2963.8	2920.5	2909.7	2871.8	2728.9	2540.7	2342.4	2161.6	1989.0	1855.6	1832.6
42.5°	2859.6	2819.0	2812.9	2773.6	2632.8	2442.6	2236.8	2051.3	1873.2	1744.6	1721.6
45°	2741.1	2701.9	2700.5	2663.3	2527.9	2333.6	2125.7	1939.6	1760.2	1626.8	1614.6
47.5°	2610.5	2575.3	2575.3	2540.7	2410.7	2213.7	2011.3	1823.1	1646.4	1528.6	1507.0
50°	2468.3	2435.1	2425.0	2408.0	2281.4	2083.1	1890.8	1709.4	1534.1	1421.7	1400.7
52.5°	2316.6	2288.2	2295.0	2263.8	2141.3	1947.0	1769.0	1581.4	1421.0	1318.8	1297.8
55°	2156.9	2116.3	2122.4	2110.8	1995.1	1806.9	1632.2	1475.8	1310.0	1213.8	1194.2
57.5°	1991.0	1938.2	1959.9	1953.1	1839.4	1663.4	1507.0	1356.0	1199.6	1110.9	1092.0
60°	1821.1	1770.3	1792.7	1786.6	1679.6	1519.8	1377.7	1237.5	1089.9	1009.4	990.4
62.5°	1646.4	1599.7	1620.0	1615.3	1517.1	1372.9	1249.0	1120.4	979.6	907.2	889.6
65°	1470.4	1425.7	1444.0	1440.6	1349.9	1240.2	1117.0	999.2	868.6	805.6	788.0
67.5°	1290.3	1249.0	1266.0	1266.0	1182.7	1077.8	984.3	876.7	759.6	705.4	689.2
70°	1111.6	1073.0	1087.9	1086.6	1016.2	930.9	850.3	754.2	649.2	604.5	591.0
72.5°	931.5	897.7	911.2	909.9	851.0	796.1	716.3	633.0	541.6	505.7	493.5
75°	756.9	725.1	737.9	736.6	688.5	637.0	583.6	514.5	436.0	410.9	398.7
77.5°	590.3	557.8	568.7	568.7	533.5	496.2	453.6	400.1	344.6	317.5	308.7
80°	430.6	415.0	409.6	410.3	386.6	362.2	340.5	289.1	248.5	230.2	224.1
82.5°	283.0	270.1	264.7	266.1	252.5	237.6	224.1	188.2	161.1	150.3	146.9
85°	150.3	140.8	136.1	139.5	136.8	128.6	121.9	97.5	80.6	76.5	74.5
87.5°	47.4	41.3	37.9	50.1	42.7	37.9	36.6	29.1	22.3	22.3	21.7
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°	2902.2	2902.2	2902.2	2902.2	2902.2	2902.2	2902.2	2902.2	2902.2	2902.2	2902.2
2.5°	2898.2	2898.2	2871.8	2865.7	2863.0	2866.4	2840.0	2835.2	2873.1	2860.3	2831.2
5°	2875.2	2873.8	2836.6	2829.8	2829.8	2825.7	2796.0	2789.2	2827.1	2816.3	2784.4
7.5°	2846.7	2842.7	2798.7	2793.9	2787.2	2784.4	2751.3	2746.5	2779.0	2772.3	2742.5
10°	2812.2	2808.1	2756.0	2752.6	2745.2	2739.8	2708.6	2705.2	2738.4	2727.6	2703.9
12.5°	2766.8	2759.4	2705.9	2702.5	2696.4	2694.4	2663.9	2662.6	2699.1	2688.3	2663.3
15°	2707.3	2701.2	2641.6	2643.0	2643.6	2643.6	2619.3	2617.9	2653.8	2649.0	2622.0
17.5°	2641.6	2633.5	2576.6	2580.7	2585.4	2590.8	2571.9	2575.3	2613.2	2607.1	2582.7
20°	2567.1	2559.0	2503.5	2515.0	2525.2	2536.0	2523.8	2533.3	2568.5	2565.8	2547.5
22.5°	2483.9	2475.7	2424.3	2441.9	2458.8	2479.1	2473.7	2484.5	2521.8	2521.1	2504.9
25°	2382.3	2384.3	2339.0	2360.7	2389.1	2417.5	2419.6	2437.2	2478.4	2474.4	2459.5
27.5°	2287.5	2290.2	2242.2	2278.7	2316.6	2353.2	2362.0	2386.4	2428.4	2425.0	2412.1
30°	2188.0	2191.4	2144.7	2194.8	2240.8	2285.5	2304.5	2337.6	2380.3	2380.3	2366.7
32.5°	2084.4	2090.5	2041.8	2108.8	2162.3	2214.4	2247.6	2282.1	2330.9	2329.5	2318.0
35°	1978.2	1984.9	1940.2	2025.5	2079.0	2142.7	2184.0	2230.0	2273.3	2274.0	2265.2
37.5°	1869.8	1878.0	1837.3	1930.8	1991.7	2066.8	2119.6	2165.7	2213.7	2216.5	2208.3
40°	1762.2	1771.0	1735.8	1825.8	1903.0	1987.0	2047.9	2102.0	2154.8	2156.2	2150.8
42.5°	1654.6	1664.0	1637.6	1725.6	1813.0	1903.0	1974.8	2036.4	2090.5	2093.9	2087.8
45°	1549.6	1557.7	1538.8	1634.9	1718.9	1817.0	1899.6	1969.4	2024.2	2028.9	2026.9
47.5°	1445.4	1452.8	1435.9	1523.9	1620.7	1725.0	1820.4	1897.6	1955.8	1961.2	1959.9
50°	1343.1	1349.2	1331.0	1423.0	1519.2	1630.2	1729.7	1819.1	1884.1	1889.5	1888.8
52.5°	1241.6	1247.7	1232.1	1328.9	1416.3	1533.4	1641.7	1738.5	1802.8	1810.9	1812.3
55°	1143.4	1146.1	1134.0	1226.7	1311.3	1433.9	1558.4	1652.5	1716.8	1723.6	1727.7
57.5°	1045.3	1045.9	1035.8	1124.5	1205.7	1331.0	1461.6	1560.5	1621.4	1628.2	1634.2
60°	947.8	947.1	935.6	1021.6	1099.4	1223.3	1359.4	1457.6	1516.5	1522.5	1530.7
62.5°	851.0	848.9	838.8	918.0	991.1	1113.6	1250.4	1345.2	1401.4	1405.4	1416.3
65°	754.8	752.8	743.3	816.4	882.8	999.9	1134.0	1224.0	1274.8	1280.2	1278.2
67.5°	660.1	656.0	648.6	714.2	774.5	882.8	1011.4	1097.4	1139.4	1144.1	1157.0
70°	565.3	560.5	543.6	613.3	666.2	763.0	882.8	959.3	994.5	999.2	997.2
72.5°	471.9	467.1	448.8	513.2	557.8	642.5	749.4	813.1	843.5	847.6	847.6
75°	381.1	378.4	366.9	415.7	452.9	522.0	612.7	665.5	689.2	693.9	692.6
77.5°	293.8	291.8	280.3	322.2	351.4	402.8	475.9	517.2	534.8	540.2	551.7
80°	210.5	209.9	191.6	232.9	245.7	289.1	342.6	374.4	383.9	391.3	399.4
82.5°	134.7	135.4	117.1	152.3	157.7	185.5	218.7	238.3	245.1	251.2	257.3
85°	65.7	68.4	58.2	80.6	81.2	95.5	109.7	117.1	119.8	124.6	130.0
87.5°	16.9	19.6	10.8	23.0	20.3	26.4	30.5	32.5	31.8	35.2	37.2
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°	2902.2	2902.2	2902.2	2902.2	2902.2	2902.2	2902.2	2902.2	2902.2	2902.2	2902.2
2.5°	2840.6	2862.3	2851.5	2886.7	2900.2	2878.5	2916.5	2917.1	2890.1	2921.9	2939.5
5°	2796.6	2819.0	2812.2	2848.8	2865.7	2846.7	2892.8	2901.6	2875.2	2911.0	2939.5
7.5°	2752.0	2778.4	2769.6	2806.8	2827.1	2812.2	2861.6	2875.8	2855.5	2894.8	2932.7
10°	2713.4	2735.7	2726.2	2765.5	2783.1	2770.9	2819.6	2846.1	2827.1	2875.2	2920.5
12.5°	2675.5	2693.7	2682.9	2715.4	2732.3	2716.7	2776.3	2800.7	2787.2	2837.3	2895.5
15°	2626.7	2647.0	2632.1	2661.2	2674.1	2660.6	2709.3	2751.3	2734.3	2789.2	2853.5
17.5°	2589.5	2601.0	2580.7	2603.7	2611.1	2592.9	2642.3	2683.6	2671.4	2731.0	2805.4
20°	2548.2	2557.7	2529.2	2542.1	2541.4	2518.4	2563.7	2604.4	2596.2	2661.9	2746.5
22.5°	2502.1	2506.9	2473.7	2476.4	2475.1	2437.2	2477.8	2519.1	2515.7	2582.0	2676.8
25°	2453.4	2454.1	2411.4	2410.1	2395.2	2350.5	2386.4	2433.1	2422.9	2494.7	2594.2
27.5°	2405.3	2398.6	2347.1	2334.9	2311.2	2257.8	2289.6	2331.5	2325.4	2395.9	2506.2
30°	2353.9	2345.1	2282.1	2259.8	2225.3	2163.6	2190.1	2229.3	2232.7	2294.3	2410.1
32.5°	2305.1	2282.8	2213.1	2180.6	2137.2	2065.5	2079.7	2119.6	2125.1	2187.3	2306.5
35°	2242.2	2227.3	2141.3	2085.8	2043.1	1964.6	1979.5	2007.3	2015.4	2076.3	2197.5
37.5°	2182.6	2158.9	2067.5	1999.8	1945.0	1862.4	1866.5	1894.9	1903.0	1964.6	2084.4
40°	2121.0	2087.1	1989.0	1909.8	1846.8	1760.2	1755.4	1785.2	1791.3	1851.6	1959.9
42.5°	2055.3	2014.7	1904.4	1817.7	1745.3	1657.3	1647.8	1673.5	1680.3	1739.2	1845.5
45°	1989.0	1940.2	1817.7	1722.9	1643.7	1553.7	1544.2	1563.8	1574.0	1629.5	1731.7
47.5°	1918.6	1861.7	1728.3	1622.7	1540.8	1450.8	1439.3	1458.9	1467.0	1521.9	1618.7
50°	1844.8	1775.7	1636.3	1519.8	1438.6	1349.9	1333.0	1356.0	1363.5	1414.9	1509.7
52.5°	1763.6	1687.1	1538.1	1416.3	1335.0	1250.4	1230.1	1252.4	1261.2	1311.3	1398.7
55°	1677.6	1595.0	1439.3	1320.8	1232.8	1150.2	1133.3	1142.1	1161.0	1208.4	1289.7
57.5°	1580.8	1498.8	1335.0	1214.5	1129.9	1050.7	1036.5	1044.6	1062.2	1108.2	1181.3
60°	1477.9	1391.2	1228.7	1108.2	1026.3	951.2	938.3	945.8	964.7	1006.7	1074.4
62.5°	1376.3	1278.8	1119.1	999.2	924.8	855.0	851.6	848.9	866.5	907.2	966.7
65°	1253.1	1159.7	1004.6	890.9	823.2	760.3	746.7	752.8	769.7	807.0	869.3
67.5°	1121.1	1036.5	887.5	782.6	722.3	666.2	654.6	657.4	675.0	707.5	761.6
70°	981.0	906.5	767.7	673.6	622.8	570.0	562.6	563.3	580.2	608.6	656.0
72.5°	834.0	767.0	646.5	566.0	524.0	486.1	479.3	471.2	486.8	511.1	551.7
75°	684.4	625.5	526.0	460.4	427.2	395.4	389.3	381.1	396.7	417.7	449.5
77.5°	533.5	486.1	408.9	358.1	332.4	308.7	303.3	294.5	310.1	325.6	350.7
80°	385.9	351.4	305.3	251.8	243.0	227.5	222.1	212.6	227.5	237.6	256.6
82.5°	249.1	226.1	199.7	162.5	161.1	149.6	146.9	136.1	149.6	155.7	169.9
85°	125.9	115.1	108.3	82.6	85.3	77.9	77.2	65.7	76.5	79.2	87.3
87.5°	35.9	37.9	33.8	20.3	25.7	24.4	24.4	17.6	24.4	24.4	27.8
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: P837755

CATALOG NUMBER: ORLG-12-4-INS-ASY2R-LD4-3LO-40-120-EDD

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	2902.2	2902.2	2902.2	2902.2	2902.2	2902.2	2902.2	2902.2
2.5°	2904.9	2916.5	2919.2	2918.5	2925.9	2966.6	2953.0	2966.6
5°	2911.7	2937.4	2944.2	2953.7	2965.9	3011.9	2997.0	3013.3
7.5°	2915.8	2954.4	2969.3	2987.5	3007.2	3058.6	3046.4	3062.7
10°	2915.8	2965.9	2987.5	3018.0	3044.4	3104.0	3092.5	3111.4
12.5°	2903.6	2967.9	2998.4	3041.0	3074.9	3139.2	3134.4	3148.0
15°	2878.5	2957.8	2999.7	3054.6	3096.5	3168.3	3166.3	3182.5
17.5°	2844.7	2940.2	2990.9	3060.0	3112.8	3193.3	3198.1	3206.9
20°	2802.0	2907.0	2973.3	3057.9	3124.3	3213.0	3219.1	3231.3
22.5°	2745.9	2867.0	2946.9	3049.1	3125.6	3221.1	3231.9	3243.4
25°	2679.5	2819.0	2912.4	3032.2	3118.9	3220.4	3235.3	3245.5
27.5°	2603.7	2756.7	2868.4	3005.1	3099.9	3209.6	3227.9	3240.1
30°	2515.7	2690.3	2818.3	2969.9	3074.2	3189.3	3208.9	3221.1
32.5°	2425.0	2617.2	2758.7	2924.6	3037.0	3156.8	3173.7	3183.2
35°	2326.1	2528.5	2687.0	2866.4	2988.9	3104.7	3117.5	3127.7
37.5°	2218.5	2432.4	2605.0	2800.7	2921.2	3032.2	3043.7	3055.2
40°	2107.5	2331.5	2513.0	2720.1	2840.6	2943.5	2955.7	2963.8
42.5°	1995.8	2219.8	2414.8	2625.4	2745.2	2844.0	2851.5	2859.6
45°	1882.7	2104.1	2304.5	2520.4	2638.9	2731.6	2734.3	2741.1
47.5°	1767.6	1984.2	2183.3	2400.6	2517.7	2602.3	2605.0	2610.5
50°	1651.8	1864.4	2054.0	2271.3	2385.7	2475.1	2462.9	2468.3
52.5°	1538.1	1738.5	1932.1	2131.8	2244.9	2324.1	2327.5	2316.6
55°	1426.4	1615.3	1793.3	1985.6	2093.2	2154.8	2152.8	2156.9
57.5°	1313.4	1490.7	1653.9	1829.9	1934.8	1993.0	2005.2	1991.0
60°	1198.3	1364.8	1511.0	1670.1	1771.7	1820.4	1834.6	1821.1
62.5°	1083.9	1236.9	1369.5	1508.3	1602.4	1662.7	1661.3	1646.4
65°	969.4	1108.2	1226.7	1344.5	1426.4	1486.7	1484.0	1470.4
67.5°	863.8	978.2	1084.5	1180.0	1251.1	1292.4	1306.6	1290.3
70°	747.4	846.2	939.7	1016.2	1075.1	1112.3	1125.8	1111.6
72.5°	631.0	714.9	780.6	854.4	899.7	930.9	945.1	931.5
75°	515.9	584.9	638.4	695.9	727.8	754.2	770.4	756.9
77.5°	404.2	457.6	500.3	542.3	578.8	584.9	599.1	590.3
80°	297.9	336.5	367.6	395.4	421.8	424.5	436.0	430.6
82.5°	198.4	224.1	232.2	261.3	278.2	275.5	287.0	283.0
85°	104.9	120.5	134.7	143.5	153.0	144.2	154.4	150.3
87.5°	35.2	37.2	32.5	46.0	50.8	43.3	49.4	47.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)