

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: P837979

Luminaire Tested: **ORLG-24-2-INS-ASY2R-LD4-5HI-30-120-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: P837979
Test Lab: INNOVATION CENTER(G2)
Issue Date: 5/21/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: ORLG-24-2-INS-ASY2R-LD4-5HI-30-120-EDD-90
Description: 2FT x 2FT ORL LED LUMINAIRE WITH asymmetric/symmetric lens v2 and
RFI grid
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

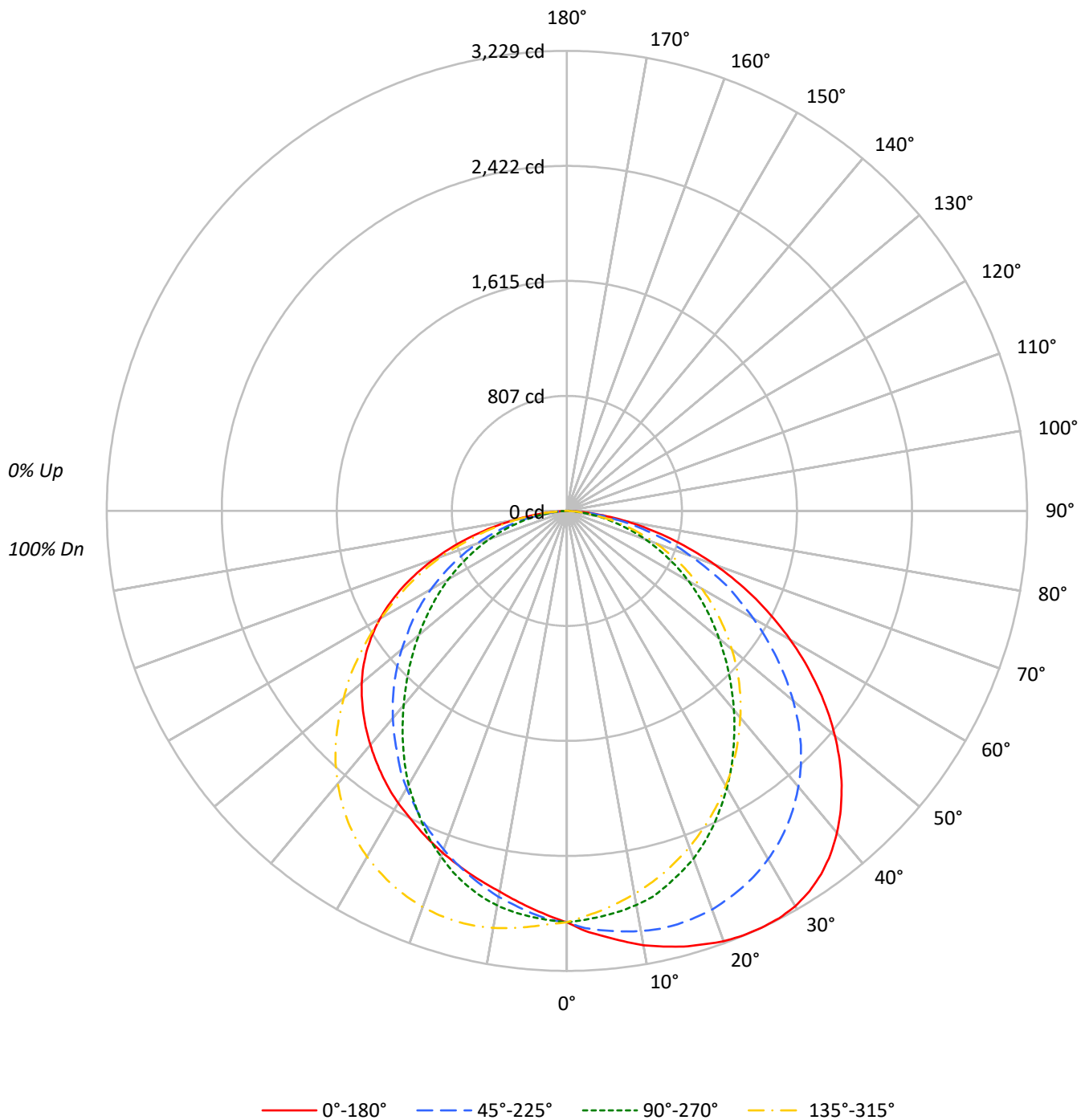
Lumens per Lamp: N/A
Luminaire Lumens: 8471.1 lumens
Efficiency: N/A
Efficacy: 77.0 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.16 / 1.4
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 110
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°	7770	7770	7770	7770
5°	8098	7714	7568	7727
10°	8458	7674	7415	7685
15°	8821	7577	7342	7579
20°	9206	7439	7310	7397
25°	9587	7231	7309	7157
30°	9958	6980	7358	6902
35°	10222	6693	7432	6587
40°	10358	6405	7535	6260
45°	10378	6113	7682	5959
50°	10280	5834	7870	5679
55°	10067	5574	8045	5419
60°	9751	5303	8152	5166
65°	9315	4992	8110	4876
70°	8701	4626	7821	4541
75°	7829	4125	7178	4104
80°	6639	3454	6033	3507
85°	4616	2288	3825	2350

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	274.1	3.2
10°-20°	793.8	9.4
20°-30°	1216.6	14.4
30°-40°	1479.3	17.5
40°-50°	1537.8	18.2
50°-60°	1389.1	16.4
60°-70°	1056.1	12.5
70°-80°	588.8	7.0
80°-90°	135.5	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°	2284.5	27.0
0°-40°	3763.8	44.4
0°-60°	6690.7	79.0
0°-90°	8471.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8471.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2887	2887	2887	2887	2887	
5°	2998	2856	2802	2860	2998	289
15°	3166	2720	2636	2720	3166	898
25°	3229	2435	2462	2410	3229	1491
35°	3112	2037	2262	2005	3112	1943
45°	2727	1606	2018	1566	2727	2100
55°	2146	1188	1715	1155	2146	1916
65°	1463	784	1274	766	1463	1446
75°	753	397	690	395	753	800
85°	150	74	124	76	150	188
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°	2887.4	2887.4	2887.4	2887.4	2887.4	2887.4	2887.4	2887.4	2887.4	2887.4	2887.4
2.5°	2951.3	2908.2	2908.9	2946.6	2917.7	2931.8	2891.4	2906.9	2902.2	2905.5	2872.5
5°	2997.8	2951.3	2950.7	2983.0	2950.7	2956.7	2905.5	2915.6	2900.8	2891.4	2855.7
7.5°	3047.0	3000.5	2995.8	3024.1	2981.6	2976.9	2920.4	2920.4	2893.4	2869.8	2836.2
10°	3095.5	3047.6	3041.6	3063.1	3010.6	2995.1	2926.4	2915.6	2879.9	2844.9	2808.5
12.5°	3131.8	3083.3	3078.6	3092.1	3032.8	3004.5	2926.4	2905.5	2853.0	2803.8	2775.5
15°	3166.2	3116.3	3103.5	3110.3	3042.3	3004.5	2917.0	2884.7	2817.3	2752.6	2719.6
17.5°	3190.4	3142.6	3129.8	3129.1	3047.0	2993.1	2896.8	2852.3	2771.5	2693.4	2660.4
20°	3214.7	3166.9	3150.7	3138.6	3045.6	2977.6	2867.1	2807.2	2712.9	2625.4	2597.7
22.5°	3226.8	3177.6	3160.1	3141.9	3036.9	2949.3	2830.8	2754.7	2646.9	2542.5	2519.6
25°	3228.8	3178.3	3159.4	3133.2	3019.4	2915.6	2783.6	2691.4	2570.8	2455.0	2435.4
27.5°	3223.4	3168.2	3149.3	3117.7	2993.1	2874.6	2727.7	2619.3	2490.0	2362.0	2341.1
30°	3204.6	3148.7	3130.5	3089.4	2956.0	2824.0	2666.4	2539.1	2400.4	2264.4	2246.2
32.5°	3166.9	3112.3	3097.5	3056.4	2915.6	2765.4	2595.0	2452.9	2301.4	2171.4	2144.5
35°	3111.6	3057.1	3047.6	3004.5	2859.1	2695.4	2516.9	2358.6	2196.3	2063.6	2037.4
37.5°	3039.6	2993.8	2979.6	2937.2	2792.4	2615.9	2427.3	2256.3	2089.2	1946.5	1930.3
40°	2948.6	2905.5	2894.8	2857.0	2714.9	2527.7	2330.4	2150.5	1978.8	1846.1	1823.2
42.5°	2844.9	2804.5	2798.4	2759.4	2619.3	2430.0	2225.3	2040.7	1863.6	1735.6	1712.7
45°	2727.1	2688.0	2686.6	2649.6	2514.9	2321.6	2114.8	1929.6	1751.1	1618.5	1606.3
47.5°	2597.1	2562.0	2562.0	2527.7	2398.4	2202.4	2001.0	1813.8	1638.0	1520.8	1499.2
50°	2455.6	2422.6	2412.5	2395.7	2269.7	2072.4	1881.1	1700.6	1526.2	1414.4	1393.5
52.5°	2304.8	2276.5	2283.2	2252.2	2130.3	1937.0	1759.9	1573.3	1413.7	1312.0	1291.1
55°	2145.8	2105.4	2111.5	2100.0	1984.8	1797.6	1623.8	1468.3	1303.2	1207.6	1188.1
57.5°	1980.8	1928.3	1949.8	1943.1	1829.9	1654.8	1499.2	1349.0	1193.5	1105.2	1086.4
60°	1811.8	1761.2	1783.5	1777.4	1671.0	1512.0	1370.6	1231.2	1084.4	1004.2	985.3
62.5°	1638.0	1591.5	1611.7	1607.0	1509.3	1365.9	1242.6	1114.7	974.6	902.5	885.0
65°	1462.9	1418.4	1436.6	1433.2	1343.0	1233.9	1111.3	994.1	864.1	801.5	784.0
67.5°	1283.7	1242.6	1259.5	1259.5	1176.6	1072.2	979.3	872.2	755.7	701.8	685.6
70°	1105.9	1067.5	1082.3	1081.0	1010.9	926.1	845.9	750.3	645.9	601.4	588.0
72.5°	926.8	893.1	906.5	905.2	846.6	792.1	712.6	629.7	538.8	503.1	491.0
75°	753.0	721.3	734.1	732.8	685.0	633.8	580.6	511.9	433.7	408.8	396.7
77.5°	587.3	555.0	565.8	565.8	530.7	493.7	451.3	398.0	342.8	315.9	307.1
80°	428.4	412.9	407.5	408.1	384.6	360.3	338.8	287.6	247.2	229.0	222.9
82.5°	281.5	268.7	263.3	264.7	251.2	236.4	222.9	187.2	160.3	149.5	146.2
85°	149.5	140.1	135.4	138.7	136.0	128.0	121.2	97.0	80.1	76.1	74.1
87.5°	47.1	41.1	37.7	49.8	42.4	37.7	36.4	29.0	22.2	22.2	21.6
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°	2887.4	2887.4	2887.4	2887.4	2887.4	2887.4	2887.4	2887.4	2887.4	2887.4	2887.4
2.5°	2883.3	2883.3	2857.0	2851.0	2848.3	2851.7	2825.4	2820.7	2858.4	2845.6	2816.6
5°	2860.4	2859.1	2822.0	2815.3	2815.3	2811.2	2781.6	2774.9	2812.6	2801.8	2770.2
7.5°	2832.1	2828.1	2784.3	2779.6	2772.9	2770.2	2737.2	2732.4	2764.8	2758.0	2728.4
10°	2797.8	2793.7	2741.9	2738.5	2731.1	2725.7	2694.7	2691.4	2724.4	2713.6	2690.0
12.5°	2752.6	2745.2	2692.0	2688.7	2682.6	2680.6	2650.3	2648.9	2685.3	2674.5	2649.6
15°	2693.4	2687.3	2628.0	2629.4	2630.1	2630.1	2605.8	2604.5	2640.2	2635.5	2608.5
17.5°	2628.0	2620.0	2563.4	2567.4	2572.1	2577.5	2558.7	2562.0	2599.8	2593.7	2569.5
20°	2554.0	2545.9	2490.7	2502.1	2512.2	2523.0	2510.9	2520.3	2555.3	2552.6	2534.4
22.5°	2471.1	2463.0	2411.9	2429.4	2446.2	2466.4	2461.0	2471.8	2508.8	2508.2	2492.0
25°	2370.1	2372.1	2327.0	2348.5	2376.8	2405.1	2407.1	2424.6	2465.7	2461.7	2446.9
27.5°	2275.8	2278.5	2230.7	2267.0	2304.8	2341.1	2349.9	2374.1	2415.9	2412.5	2399.7
30°	2176.8	2180.2	2133.7	2183.5	2229.3	2273.8	2292.6	2325.6	2368.1	2368.1	2354.6
32.5°	2073.7	2079.8	2031.3	2098.0	2151.2	2203.1	2236.1	2270.4	2318.9	2317.6	2306.1
35°	1968.0	1974.7	1930.3	2015.2	2068.4	2131.7	2172.8	2218.6	2261.7	2262.3	2253.6
37.5°	1860.2	1868.3	1827.9	1920.9	1981.5	2056.2	2108.8	2154.6	2202.4	2205.1	2197.0
40°	1753.2	1761.9	1726.9	1816.5	1893.2	1976.8	2037.4	2091.3	2143.8	2145.1	2139.8
42.5°	1646.1	1655.5	1629.2	1716.8	1803.7	1893.2	1964.6	2025.9	2079.8	2083.2	2077.1
45°	1541.7	1549.8	1530.9	1626.5	1710.0	1807.7	1889.9	1959.2	2013.8	2018.5	2016.5
47.5°	1438.0	1445.4	1428.5	1516.1	1612.4	1716.1	1811.1	1887.9	1945.8	1951.2	1949.8
50°	1336.2	1342.3	1324.1	1415.7	1511.4	1621.8	1720.8	1809.7	1874.4	1879.8	1879.1
52.5°	1235.2	1241.3	1225.8	1322.1	1409.0	1525.5	1633.3	1729.6	1793.6	1801.6	1803.0
55°	1137.6	1140.3	1128.1	1220.4	1304.6	1426.5	1550.4	1644.0	1708.0	1714.8	1718.8
57.5°	1039.9	1040.6	1030.5	1118.7	1199.5	1324.1	1454.1	1552.4	1613.1	1619.8	1625.9
60°	942.9	942.2	930.8	1016.3	1093.8	1217.0	1352.4	1450.1	1508.7	1514.7	1522.8
62.5°	846.6	844.6	834.5	913.3	986.0	1107.9	1244.0	1338.3	1394.2	1398.2	1409.0
65°	751.0	748.9	739.5	812.3	878.3	994.8	1128.1	1217.7	1268.2	1273.6	1271.6
67.5°	656.7	652.6	645.2	710.6	770.5	878.3	1006.2	1091.8	1133.5	1138.2	1151.0
70°	562.4	557.7	540.8	610.2	662.7	759.0	878.3	954.4	989.4	994.1	992.1
72.5°	469.4	464.7	446.5	510.5	555.0	639.2	745.6	808.9	839.2	843.2	843.2
75°	379.2	376.5	365.0	413.5	450.6	519.3	609.5	662.1	685.6	690.4	689.0
77.5°	292.3	290.3	278.8	320.6	349.6	400.7	473.5	514.6	532.1	537.5	548.9
80°	209.5	208.8	190.6	231.7	244.5	287.6	340.8	372.5	381.9	389.3	397.4
82.5°	134.0	134.7	116.5	151.5	156.9	184.5	217.5	237.1	243.8	249.9	255.9
85°	65.3	68.0	57.9	80.1	80.8	95.0	109.1	116.5	119.2	123.9	129.3
87.5°	16.8	19.5	10.8	22.9	20.2	26.3	30.3	32.3	31.7	35.0	37.0
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°	2887.4	2887.4	2887.4	2887.4	2887.4	2887.4	2887.4	2887.4	2887.4	2887.4	2887.4
2.5°	2826.1	2847.6	2836.8	2871.9	2885.3	2863.8	2901.5	2902.2	2875.2	2906.9	2924.4
5°	2782.3	2804.5	2797.8	2834.1	2851.0	2832.1	2877.9	2886.7	2860.4	2896.1	2924.4
7.5°	2737.8	2764.1	2755.3	2792.4	2812.6	2797.8	2846.9	2861.1	2840.9	2879.9	2917.7
10°	2699.4	2721.7	2712.2	2751.3	2768.8	2756.7	2805.2	2831.4	2812.6	2860.4	2905.5
12.5°	2661.7	2679.9	2669.1	2701.5	2718.3	2702.8	2762.1	2786.3	2772.9	2822.7	2880.6
15°	2613.2	2633.4	2618.6	2647.6	2660.4	2646.9	2695.4	2737.2	2720.3	2774.9	2838.9
17.5°	2576.2	2587.6	2567.4	2590.3	2597.7	2579.6	2628.7	2669.8	2657.7	2717.0	2791.0
20°	2535.1	2544.5	2516.2	2529.0	2528.4	2505.5	2550.6	2591.0	2582.9	2648.3	2732.4
22.5°	2489.3	2494.0	2461.0	2463.7	2462.4	2424.6	2465.1	2506.1	2502.8	2568.8	2663.1
25°	2440.8	2441.5	2399.1	2397.7	2382.9	2338.4	2374.1	2420.6	2410.5	2481.9	2580.9
27.5°	2393.0	2386.3	2335.1	2322.9	2299.4	2246.2	2277.8	2319.6	2313.5	2383.6	2493.3
30°	2341.8	2333.0	2270.4	2248.2	2213.8	2152.5	2178.8	2217.9	2221.2	2282.5	2397.7
32.5°	2293.3	2271.1	2201.7	2169.4	2126.3	2054.9	2069.0	2108.8	2114.2	2176.1	2294.7
35°	2230.7	2215.9	2130.3	2075.1	2032.7	1954.5	1969.4	1997.0	2005.0	2065.7	2186.2
37.5°	2171.4	2147.8	2056.9	1989.6	1935.0	1852.8	1856.9	1885.2	1893.2	1954.5	2073.7
40°	2110.1	2076.4	1978.8	1900.0	1837.3	1751.1	1746.4	1776.1	1782.1	1842.1	1949.8
42.5°	2044.8	2004.4	1894.6	1808.4	1736.3	1648.8	1639.3	1664.9	1671.7	1730.3	1836.0
45°	1978.8	1930.3	1808.4	1714.1	1635.3	1545.7	1536.3	1555.8	1565.9	1621.1	1722.8
47.5°	1908.7	1852.2	1719.5	1614.4	1532.9	1443.3	1431.9	1451.4	1459.5	1514.1	1610.4
50°	1835.3	1766.6	1627.9	1512.0	1431.2	1343.0	1326.1	1349.0	1356.5	1407.6	1501.9
52.5°	1754.5	1678.4	1530.2	1409.0	1328.2	1244.0	1223.8	1246.0	1254.8	1304.6	1391.5
55°	1669.0	1586.8	1431.9	1314.0	1226.5	1144.3	1127.5	1136.2	1155.1	1202.2	1283.0
57.5°	1572.7	1491.2	1328.2	1208.3	1124.1	1045.3	1031.1	1039.2	1056.7	1102.5	1175.3
60°	1470.3	1384.1	1222.4	1102.5	1021.0	946.3	933.5	940.9	959.8	1001.5	1068.9
62.5°	1369.3	1272.3	1113.3	994.1	920.0	850.6	847.3	844.6	862.1	902.5	961.8
65°	1246.7	1153.7	999.5	886.3	819.0	756.4	742.9	748.9	765.8	802.8	864.8
67.5°	1115.3	1031.1	883.0	778.6	718.6	662.7	651.3	654.0	671.5	703.8	757.7
70°	975.9	901.8	763.8	670.1	619.6	567.1	559.7	560.4	577.2	605.5	652.6
72.5°	829.8	763.1	643.2	563.1	521.3	483.6	476.8	468.8	484.3	508.5	548.9
75°	680.9	622.3	523.3	458.0	425.0	393.3	387.3	379.2	394.7	415.6	447.2
77.5°	530.7	483.6	406.8	356.3	330.7	307.1	301.7	293.0	308.5	324.0	348.9
80°	383.9	349.6	303.8	250.5	241.8	226.3	220.9	211.5	226.3	236.4	255.3
82.5°	247.9	225.0	198.7	161.6	160.3	148.8	146.2	135.4	148.8	154.9	169.1
85°	125.3	114.5	107.8	82.2	84.9	77.5	76.8	65.3	76.1	78.8	86.9
87.5°	35.7	37.7	33.7	20.2	25.6	24.2	24.2	17.5	24.2	24.2	27.6
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: P837979

CATALOG NUMBER: ORLG-24-2-INS-ASY2R-LD4-5HI-30-120-EDD-90

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	2887.4	2887.4	2887.4	2887.4	2887.4	2887.4	2887.4	2887.4
2.5°	2890.0	2901.5	2904.2	2903.5	2910.9	2951.3	2937.9	2951.3
5°	2896.8	2922.4	2929.1	2938.5	2950.7	2996.5	2981.6	2997.8
7.5°	2900.8	2939.2	2954.0	2972.2	2991.7	3042.9	3030.8	3047.0
10°	2900.8	2950.7	2972.2	3002.5	3028.8	3088.1	3076.6	3095.5
12.5°	2888.7	2952.7	2983.0	3025.4	3059.1	3123.1	3118.4	3131.8
15°	2863.8	2942.6	2984.3	3038.9	3080.6	3152.0	3150.0	3166.2
17.5°	2830.1	2925.1	2975.6	3044.3	3096.8	3177.0	3181.7	3190.4
20°	2787.7	2892.1	2958.1	3042.3	3108.3	3196.5	3202.6	3214.7
22.5°	2731.8	2852.3	2931.8	3033.5	3109.6	3204.6	3215.4	3226.8
25°	2665.8	2804.5	2897.5	3016.7	3102.9	3203.9	3218.7	3228.8
27.5°	2590.3	2742.5	2853.7	2989.7	3084.0	3193.1	3211.3	3223.4
30°	2502.8	2676.5	2803.8	2954.7	3058.4	3172.9	3192.5	3204.6
32.5°	2412.5	2603.8	2744.6	2909.6	3021.4	3140.6	3157.4	3166.9
35°	2314.2	2515.6	2673.2	2851.7	2973.6	3088.7	3101.5	3111.6
37.5°	2207.1	2419.9	2591.7	2786.3	2906.2	3016.7	3028.1	3039.6
40°	2096.6	2319.6	2500.1	2706.2	2826.1	2928.4	2940.6	2948.6
42.5°	1985.5	2208.4	2402.4	2611.9	2731.1	2829.4	2836.8	2844.9
45°	1873.0	2093.3	2292.6	2507.5	2625.4	2717.6	2720.3	2727.1
47.5°	1758.5	1974.1	2172.1	2388.3	2504.8	2589.0	2591.7	2597.1
50°	1643.4	1854.9	2043.4	2259.6	2373.5	2462.4	2450.2	2455.6
52.5°	1530.2	1729.6	1922.2	2120.9	2233.4	2312.2	2315.5	2304.8
55°	1419.1	1607.0	1784.1	1975.4	2082.5	2143.8	2141.8	2145.8
57.5°	1306.6	1483.1	1645.4	1820.5	1924.9	1982.8	1994.9	1980.8
60°	1192.1	1357.8	1503.3	1661.6	1762.6	1811.1	1825.2	1811.8
62.5°	1078.3	1230.5	1362.5	1500.6	1594.2	1654.1	1652.8	1638.0
65°	964.5	1102.5	1220.4	1337.6	1419.1	1479.0	1476.3	1462.9
67.5°	859.4	973.2	1079.0	1173.9	1244.7	1285.7	1299.9	1283.7
70°	743.6	841.9	934.8	1010.9	1069.5	1106.6	1120.1	1105.9
72.5°	627.7	711.2	776.6	850.0	895.1	926.1	940.2	926.8
75°	513.2	581.9	635.1	692.4	724.0	750.3	766.5	753.0
77.5°	402.1	455.3	497.7	539.5	575.9	581.9	596.1	587.3
80°	296.3	334.7	365.7	393.3	419.6	422.3	433.7	428.4
82.5°	197.3	222.9	231.0	260.0	276.8	274.1	285.6	281.5
85°	104.4	119.9	134.0	142.8	152.2	143.5	153.6	149.5
87.5°	35.0	37.0	32.3	45.8	50.5	43.1	49.2	47.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)