

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: P837838

Luminaire Tested: **ORLG-24-2-INS-ASY2R-LD4-6HI-20-120-EDD**

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: P837838
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-LD4-6HI-20-120-EDD
Description: 2FT x 2FT ORL LED LUMINAIRE WITH asymmetric/symmetric lens v2 and
RFI grid
Light Source: 2000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

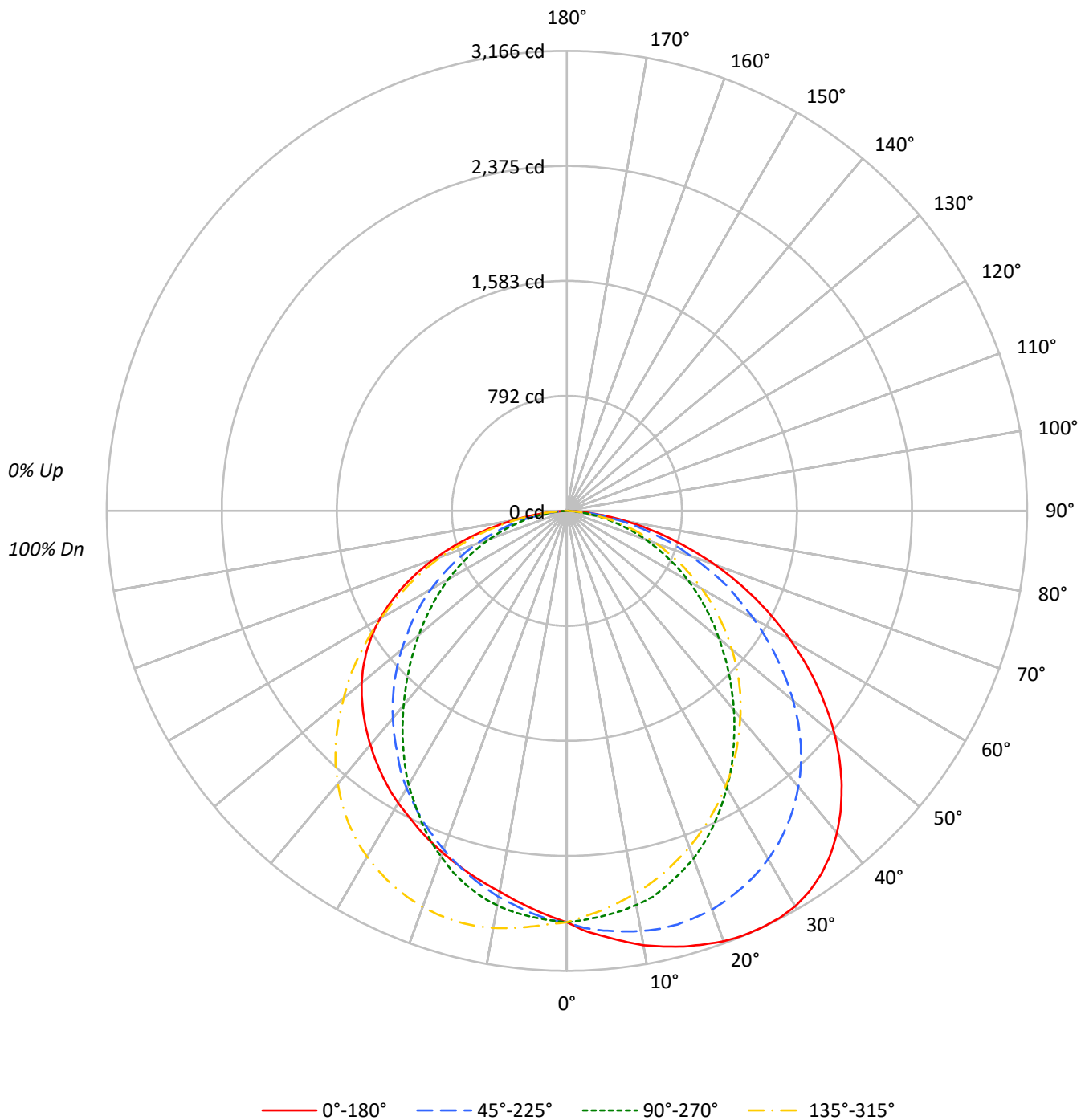
Lumens per Lamp: N/A
Luminaire Lumens: 8306.1 lumens
Efficiency: N/A
Efficacy: 62.9 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.16 / 1.4
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 132
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°	7618	7618	7618	7618
5°	7940	7564	7421	7576
10°	8294	7525	7270	7536
15°	8649	7429	7199	7431
20°	9027	7294	7168	7253
25°	9400	7090	7167	7018
30°	9763	6843	7215	6768
35°	10023	6563	7287	6458
40°	10156	6280	7389	6138
45°	10176	5994	7532	5843
50°	10080	5720	7716	5568
55°	9871	5465	7888	5314
60°	9561	5200	7993	5065
65°	9133	4895	7952	4781
70°	8532	4536	7669	4453
75°	7676	4044	7038	4024
80°	6509	3388	5915	3439
85°	4526	2242	3751	2303

Classified

Scaled Data Report

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	268.8	3.2
10°-20°	778.4	9.4
20°-30°	1192.9	14.4
30°-40°	1450.5	17.5
40°-50°	1507.8	18.2
50°-60°	1362.0	16.4
60°-70°	1035.5	12.5
70°-80°	577.3	7.0
80°-90°	132.9	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°	2240.0	27.0
0°-40°	3690.5	44.4
0°-60°	6560.4	79.0
0°-90°	8306.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8306.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2831	2831	2831	2831	2831	
5°	2939	2800	2747	2805	2939	283
15°	3104	2667	2584	2667	3104	880
25°	3166	2388	2414	2364	3166	1462
35°	3051	1998	2218	1966	3051	1906
45°	2674	1575	1979	1535	2674	2059
55°	2104	1165	1681	1133	2104	1878
65°	1434	769	1249	751	1434	1417
75°	738	389	677	387	738	784
85°	147	73	122	75	147	185
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°	2831.1	2831.1	2831.1	2831.1	2831.1	2831.1	2831.1	2831.1	2831.1	2831.1	2831.1
2.5°	2893.8	2851.6	2852.2	2889.2	2860.8	2874.7	2835.1	2850.3	2845.6	2848.9	2816.6
5°	2939.4	2893.8	2893.2	2924.9	2893.2	2899.1	2848.9	2858.8	2844.3	2835.1	2800.1
7.5°	2987.6	2942.1	2937.4	2965.2	2923.6	2918.9	2863.5	2863.5	2837.0	2813.9	2780.9
10°	3035.2	2988.3	2982.3	3003.5	2952.0	2936.8	2869.4	2858.8	2823.8	2789.5	2753.8
12.5°	3070.8	3023.3	3018.7	3031.9	2973.7	2946.0	2869.4	2848.9	2797.4	2749.2	2721.5
15°	3104.5	3055.6	3043.1	3049.7	2983.0	2946.0	2860.2	2828.5	2762.4	2699.0	2666.7
17.5°	3128.3	3081.4	3068.8	3068.2	2987.6	2934.8	2840.4	2796.8	2717.5	2640.9	2608.6
20°	3152.1	3105.2	3089.3	3077.4	2986.3	2919.6	2811.3	2752.5	2660.1	2574.2	2547.1
22.5°	3163.9	3115.7	3098.6	3080.7	2977.7	2891.9	2775.6	2701.0	2595.3	2493.0	2470.5
25°	3165.9	3116.4	3097.9	3072.1	2960.5	2858.8	2729.4	2638.9	2520.7	2407.1	2388.0
27.5°	3160.6	3106.5	3088.0	3057.0	2934.8	2818.6	2674.6	2568.3	2441.5	2316.0	2295.5
30°	3142.1	3087.3	3069.5	3029.2	2898.5	2769.0	2614.5	2489.7	2353.6	2220.2	2202.4
32.5°	3105.2	3051.7	3037.1	2996.9	2858.8	2711.6	2544.5	2405.2	2256.6	2129.1	2102.7
35°	3051.0	2997.5	2988.3	2946.0	2803.4	2642.9	2467.9	2312.7	2153.5	2023.4	1997.7
37.5°	2980.4	2935.4	2921.6	2880.0	2738.0	2565.0	2380.1	2212.3	2048.5	1908.5	1892.7
40°	2891.2	2848.9	2838.4	2801.4	2662.0	2478.5	2285.0	2108.6	1940.2	1810.1	1787.7
42.5°	2789.5	2749.9	2743.9	2705.6	2568.3	2382.7	2181.9	2001.0	1827.3	1701.8	1679.4
45°	2673.9	2635.6	2634.3	2598.0	2465.9	2276.4	2073.6	1892.0	1717.0	1586.9	1575.0
47.5°	2546.5	2512.1	2512.1	2478.5	2351.7	2159.5	1962.0	1778.4	1606.1	1491.2	1470.0
50°	2407.8	2375.4	2365.5	2349.0	2225.5	2032.0	1844.5	1667.5	1496.5	1386.8	1366.4
52.5°	2259.9	2232.1	2238.7	2208.4	2088.8	1899.3	1725.6	1542.7	1386.2	1286.4	1266.0
55°	2104.0	2064.4	2070.3	2059.1	1946.2	1762.6	1592.2	1439.7	1277.9	1184.1	1164.9
57.5°	1942.2	1890.7	1911.8	1905.2	1794.3	1622.6	1470.0	1322.8	1170.2	1083.7	1065.2
60°	1776.5	1726.9	1748.7	1742.8	1638.4	1482.6	1343.9	1207.2	1063.2	984.6	966.2
62.5°	1606.1	1560.5	1580.3	1575.7	1479.9	1339.3	1218.4	1093.0	955.6	884.9	867.8
65°	1434.4	1390.8	1408.6	1405.3	1316.8	1209.8	1089.6	974.7	847.3	785.9	768.7
67.5°	1258.7	1218.4	1234.9	1234.9	1153.7	1051.3	960.2	855.2	741.0	688.1	672.3
70°	1084.4	1046.7	1061.3	1059.9	991.2	908.0	829.5	735.7	633.3	589.7	576.5
72.5°	908.7	875.7	888.9	887.6	830.1	776.6	698.7	617.5	528.3	493.3	481.4
75°	738.3	707.3	719.8	718.5	671.6	621.4	569.3	501.9	425.3	400.9	389.0
77.5°	575.9	544.2	554.7	554.7	520.4	484.1	442.5	390.3	336.1	309.7	301.1
80°	420.0	404.8	399.5	400.2	377.1	353.3	332.2	282.0	242.4	224.5	218.6
82.5°	276.0	263.5	258.2	259.5	246.3	231.8	218.6	183.6	157.2	146.6	143.3
85°	146.6	137.4	132.7	136.0	133.4	125.5	118.9	95.1	78.6	74.6	72.6
87.5°	46.2	40.3	37.0	48.9	41.6	37.0	35.7	28.4	21.8	21.8	21.1
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°	2831.1	2831.1	2831.1	2831.1	2831.1	2831.1	2831.1	2831.1	2831.1	2831.1	2831.1
2.5°	2827.1	2827.1	2801.4	2795.4	2792.8	2796.1	2770.3	2765.7	2802.7	2790.2	2761.8
5°	2804.7	2803.4	2767.0	2760.4	2760.4	2756.5	2727.4	2720.8	2757.8	2747.2	2716.2
7.5°	2777.0	2773.0	2730.1	2725.4	2718.8	2716.2	2683.8	2679.2	2710.9	2704.3	2675.3
10°	2743.3	2739.3	2688.5	2685.2	2677.9	2672.6	2642.2	2638.9	2671.3	2660.7	2637.6
12.5°	2699.0	2691.8	2639.6	2636.3	2630.3	2628.4	2598.6	2597.3	2633.0	2622.4	2598.0
15°	2640.9	2635.0	2576.9	2578.2	2578.8	2578.8	2555.1	2553.7	2588.7	2584.1	2557.7
17.5°	2576.9	2568.9	2513.5	2517.4	2522.0	2527.3	2508.8	2512.1	2549.1	2543.2	2519.4
20°	2504.2	2496.3	2442.1	2453.4	2463.3	2473.8	2461.9	2471.2	2505.5	2502.9	2485.1
22.5°	2423.0	2415.1	2364.9	2382.0	2398.5	2418.4	2413.1	2423.6	2460.0	2459.3	2443.5
25°	2323.9	2325.9	2281.7	2302.8	2330.5	2358.3	2360.2	2377.4	2417.7	2413.7	2399.2
27.5°	2231.5	2234.1	2187.2	2222.9	2259.9	2295.5	2304.1	2327.9	2368.8	2365.5	2353.0
30°	2134.4	2137.7	2092.1	2141.0	2185.9	2229.5	2248.0	2280.3	2321.9	2321.9	2308.7
32.5°	2033.3	2039.3	1991.7	2057.1	2109.3	2160.1	2192.5	2226.2	2273.7	2272.4	2261.2
35°	1929.7	1936.3	1892.7	1975.9	2028.1	2090.1	2130.4	2175.3	2217.6	2218.3	2209.7
37.5°	1824.0	1831.9	1792.3	1883.4	1942.9	2016.2	2067.7	2112.6	2159.5	2162.1	2154.2
40°	1719.0	1727.6	1693.2	1781.1	1856.4	1938.3	1997.7	2050.5	2102.0	2103.4	2098.1
42.5°	1614.0	1623.2	1597.5	1683.3	1768.5	1856.4	1926.4	1986.5	2039.3	2042.6	2036.7
45°	1511.6	1519.6	1501.1	1594.8	1676.7	1772.5	1853.1	1921.1	1974.6	1979.2	1977.2
47.5°	1409.9	1417.2	1400.7	1486.5	1581.0	1682.7	1775.8	1851.1	1907.9	1913.2	1911.8
50°	1310.2	1316.2	1298.3	1388.1	1481.9	1590.2	1687.3	1774.5	1837.9	1843.2	1842.5
52.5°	1211.2	1217.1	1201.9	1296.4	1381.5	1495.8	1601.5	1695.9	1758.6	1766.6	1767.9
55°	1115.4	1118.0	1106.2	1196.6	1279.2	1398.7	1520.2	1612.0	1674.8	1681.4	1685.3
57.5°	1019.6	1020.3	1010.4	1096.9	1176.2	1298.3	1425.8	1522.2	1581.6	1588.2	1594.2
60°	924.6	923.9	912.7	996.5	1072.5	1193.3	1326.1	1421.8	1479.3	1485.2	1493.1
62.5°	830.1	828.1	818.2	895.5	966.8	1086.3	1219.7	1312.2	1367.0	1371.0	1381.5
65°	736.3	734.4	725.1	796.4	861.2	975.4	1106.2	1194.0	1243.5	1248.8	1246.8
67.5°	643.9	639.9	632.7	696.7	755.5	861.2	986.6	1070.5	1111.4	1116.1	1128.6
70°	551.4	546.8	530.3	598.3	649.8	744.3	861.2	935.8	970.1	974.7	972.8
72.5°	460.3	455.7	437.8	500.6	544.2	626.7	731.1	793.1	822.8	826.8	826.8
75°	371.8	369.2	357.9	405.5	441.8	509.2	597.7	649.2	672.3	676.9	675.6
77.5°	286.6	284.6	273.4	314.3	342.7	392.9	464.3	504.5	521.7	527.0	538.2
80°	205.4	204.7	186.9	227.2	239.7	282.0	334.2	365.2	374.4	381.7	389.6
82.5°	131.4	132.1	114.2	148.6	153.9	180.9	213.3	232.5	239.1	245.0	250.9
85°	64.1	66.7	56.8	78.6	79.2	93.1	107.0	114.2	116.9	121.5	126.8
87.5°	16.5	19.2	10.6	22.5	19.8	25.8	29.7	31.7	31.0	34.3	36.3
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°	2831.1	2831.1	2831.1	2831.1	2831.1	2831.1	2831.1	2831.1	2831.1	2831.1	2831.1
2.5°	2771.0	2792.1	2781.6	2815.9	2829.1	2808.0	2845.0	2845.6	2819.2	2850.3	2867.4
5°	2728.1	2749.9	2743.3	2778.9	2795.4	2777.0	2821.9	2830.4	2804.7	2839.7	2867.4
7.5°	2684.5	2710.3	2701.7	2738.0	2757.8	2743.3	2791.5	2805.3	2785.5	2823.8	2860.8
10°	2646.9	2668.6	2659.4	2697.7	2714.9	2703.0	2750.5	2776.3	2757.8	2804.7	2848.9
12.5°	2609.9	2627.7	2617.1	2648.8	2665.3	2650.2	2708.3	2732.0	2718.8	2767.7	2824.5
15°	2562.3	2582.1	2567.6	2596.0	2608.6	2595.3	2642.9	2683.8	2667.3	2720.8	2783.6
17.5°	2526.0	2537.2	2517.4	2539.9	2547.1	2529.3	2577.5	2617.8	2605.9	2664.0	2736.7
20°	2485.7	2495.0	2467.2	2479.8	2479.1	2456.7	2500.9	2540.5	2532.6	2596.7	2679.2
22.5°	2440.8	2445.4	2413.1	2415.7	2414.4	2377.4	2417.0	2457.3	2454.0	2518.7	2611.2
25°	2393.3	2393.9	2352.3	2351.0	2336.5	2292.9	2327.9	2373.5	2363.5	2433.5	2530.6
27.5°	2346.4	2339.8	2289.6	2277.7	2254.6	2202.4	2233.4	2274.4	2268.4	2337.1	2444.8
30°	2296.2	2287.6	2226.2	2204.4	2170.7	2110.6	2136.4	2174.7	2178.0	2238.1	2351.0
32.5°	2248.6	2226.8	2158.8	2127.1	2084.9	2014.9	2028.7	2067.7	2073.0	2133.7	2250.0
35°	2187.2	2172.7	2088.8	2034.7	1993.1	1916.5	1931.0	1958.1	1966.0	2025.4	2143.6
37.5°	2129.1	2106.0	2016.8	1950.8	1897.3	1816.7	1820.7	1848.4	1856.4	1916.5	2033.3
40°	2069.0	2036.0	1940.2	1863.0	1801.6	1717.0	1712.4	1741.5	1747.4	1806.2	1911.8
42.5°	2005.0	1965.3	1857.7	1773.2	1702.5	1616.6	1607.4	1632.5	1639.1	1696.5	1800.2
45°	1940.2	1892.7	1773.2	1680.7	1603.4	1515.6	1506.4	1525.5	1535.4	1589.6	1689.3
47.5°	1871.6	1816.1	1686.0	1583.0	1503.1	1415.2	1404.0	1423.1	1431.1	1484.6	1579.0
50°	1799.6	1732.2	1596.2	1482.6	1403.3	1316.8	1300.3	1322.8	1330.0	1380.2	1472.7
52.5°	1720.3	1645.7	1500.4	1381.5	1302.3	1219.7	1199.9	1221.7	1230.3	1279.2	1364.4
55°	1636.5	1555.9	1404.0	1288.4	1202.6	1122.0	1105.5	1114.1	1132.6	1178.8	1258.0
57.5°	1542.0	1462.1	1302.3	1184.7	1102.2	1024.9	1011.1	1019.0	1036.2	1081.1	1152.4
60°	1441.6	1357.1	1198.6	1081.1	1001.2	927.9	915.3	922.6	941.1	982.0	1048.0
62.5°	1342.6	1247.5	1091.6	974.7	902.1	834.1	830.8	828.1	845.3	884.9	943.0
65°	1222.4	1131.3	980.0	869.1	803.0	741.6	728.4	734.4	750.9	787.2	847.9
67.5°	1093.6	1011.1	865.8	763.4	704.6	649.8	638.6	641.2	658.4	690.1	742.9
70°	956.9	884.3	748.9	657.1	607.6	556.1	548.8	549.4	566.0	593.7	639.9
72.5°	813.6	748.2	630.7	552.1	511.1	474.2	467.6	459.6	474.8	498.6	538.2
75°	667.7	610.2	513.1	449.1	416.7	385.7	379.7	371.8	387.0	407.5	438.5
77.5°	520.4	474.2	398.9	349.3	324.3	301.1	295.9	287.3	302.5	317.6	342.1
80°	376.4	342.7	297.8	245.7	237.1	221.9	216.6	207.4	221.9	231.8	250.3
82.5°	243.0	220.6	194.8	158.5	157.2	145.9	143.3	132.7	145.9	151.9	165.8
85°	122.8	112.3	105.7	80.6	83.2	75.9	75.3	64.1	74.6	77.3	85.2
87.5°	35.0	37.0	33.0	19.8	25.1	23.8	23.8	17.2	23.8	23.8	27.1
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: P837838

CATALOG NUMBER: ORLG-24-2-INS-ASY2R-LD4-6HI-20-120-EDD

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	2831.1	2831.1	2831.1	2831.1	2831.1	2831.1	2831.1	2831.1
2.5°	2833.7	2845.0	2847.6	2847.0	2854.2	2893.8	2880.6	2893.8
5°	2840.4	2865.4	2872.0	2881.3	2893.2	2938.1	2923.6	2939.4
7.5°	2844.3	2882.0	2896.5	2914.3	2933.5	2983.7	2971.8	2987.6
10°	2844.3	2893.2	2914.3	2944.0	2969.8	3027.9	3016.7	3035.2
12.5°	2832.4	2895.2	2924.9	2966.5	2999.5	3062.2	3057.6	3070.8
15°	2808.0	2885.3	2926.2	2979.7	3020.6	3090.6	3088.7	3104.5
17.5°	2775.0	2868.1	2917.6	2985.0	3036.5	3115.1	3119.7	3128.3
20°	2733.4	2835.7	2900.4	2983.0	3047.7	3134.2	3140.2	3152.1
22.5°	2678.6	2796.8	2874.7	2974.4	3049.0	3142.1	3152.7	3163.9
25°	2613.8	2749.9	2841.0	2957.9	3042.4	3141.5	3156.0	3165.9
27.5°	2539.9	2689.1	2798.1	2931.5	3023.9	3130.9	3148.8	3160.6
30°	2454.0	2624.4	2749.2	2897.1	2998.8	3111.1	3130.3	3142.1
32.5°	2365.5	2553.1	2691.1	2852.9	2962.5	3079.4	3095.9	3105.2
35°	2269.1	2466.6	2621.1	2796.1	2915.6	3028.6	3041.1	3051.0
37.5°	2164.1	2372.8	2541.2	2732.0	2849.6	2957.9	2969.1	2980.4
40°	2055.8	2274.4	2451.4	2653.5	2771.0	2871.4	2883.3	2891.2
42.5°	1946.8	2165.4	2355.6	2561.0	2677.9	2774.3	2781.6	2789.5
45°	1836.6	2052.5	2248.0	2458.6	2574.2	2664.7	2667.3	2673.9
47.5°	1724.3	1935.6	2129.8	2341.8	2456.0	2538.6	2541.2	2546.5
50°	1611.4	1818.7	2003.6	2215.6	2327.2	2414.4	2402.5	2407.8
52.5°	1500.4	1695.9	1884.8	2079.6	2189.9	2267.1	2270.4	2259.9
55°	1391.4	1575.7	1749.4	1936.9	2041.9	2102.0	2100.0	2104.0
57.5°	1281.2	1454.2	1613.3	1785.0	1887.4	1944.2	1956.1	1942.2
60°	1168.9	1331.4	1474.0	1629.2	1728.2	1775.8	1789.7	1776.5
62.5°	1057.3	1206.5	1336.0	1471.4	1563.2	1621.9	1620.6	1606.1
65°	945.7	1081.1	1196.6	1311.5	1391.4	1450.2	1447.6	1434.4
67.5°	842.7	954.3	1057.9	1151.1	1220.4	1260.7	1274.6	1258.7
70°	729.1	825.5	916.6	991.2	1048.7	1085.0	1098.2	1084.4
72.5°	615.5	697.4	761.4	833.4	877.7	908.0	921.9	908.7
75°	503.2	570.6	622.8	678.9	709.9	735.7	751.5	738.3
77.5°	394.3	446.4	488.0	529.0	564.6	570.6	584.4	575.9
80°	290.6	328.2	358.6	385.7	411.4	414.1	425.3	420.0
82.5°	193.5	218.6	226.5	254.9	271.4	268.8	280.0	276.0
85°	102.4	117.5	131.4	140.0	149.2	140.7	150.6	146.6
87.5°	34.3	36.3	31.7	44.9	49.5	42.3	48.2	46.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)