

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: P837997

Luminaire Tested: **ORLG-24-2-INS-ASY2R-LD4-5HI-35-120-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: P837997
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-35-120-EDD-90
Description: 2FT x 2FT ORL LED LUMINAIRE WITH asymmetric/symmetric lens v2 and RFI grid
Light Source: 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

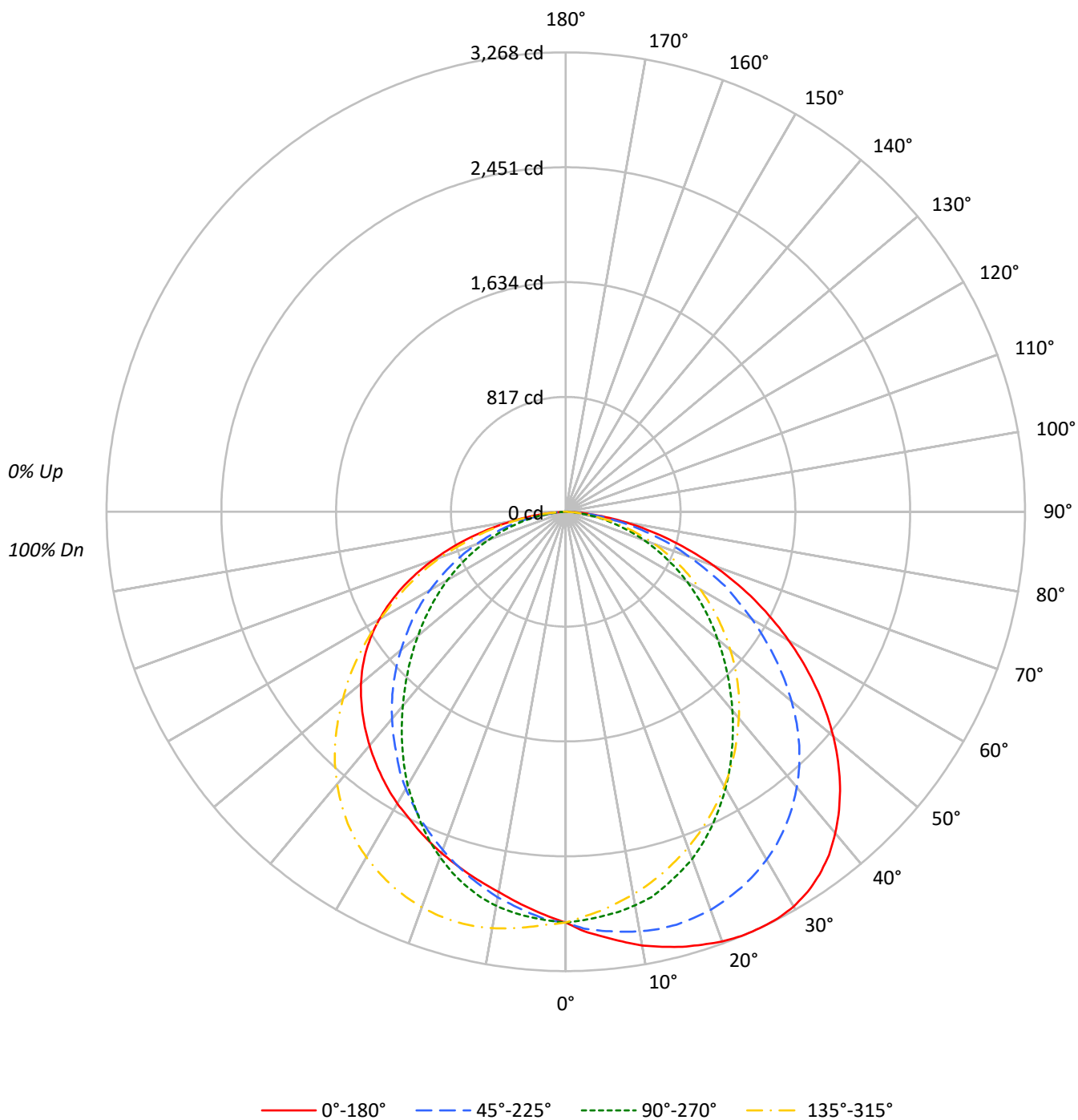
Lumens per Lamp: N/A
Luminaire Lumens: 8574.4 lumens
Efficiency: N/A
Efficacy: 77.9 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.16 / 1.4
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 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°	7865	7865	7865	7865
5°	8197	7808	7661	7821
10°	8561	7768	7505	7779
15°	8928	7669	7432	7671
20°	9318	7530	7399	7487
25°	9704	7319	7398	7244
30°	10079	7065	7448	6986
35°	10347	6774	7523	6667
40°	10484	6483	7627	6336
45°	10505	6188	7775	6032
50°	10406	5905	7966	5748
55°	10190	5642	8143	5485
60°	9869	5368	8252	5229
65°	9428	5053	8208	4935
70°	8807	4682	7917	4596
75°	7925	4174	7266	4154
80°	6719	3498	6106	3550
85°	4671	2316	3872	2377

Classified

Scaled Data Report

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	277.5	3.2
10°-20°	803.5	9.4
20°-30°	1231.4	14.4
30°-40°	1497.3	17.5
40°-50°	1556.6	18.2
50°-60°	1406.0	16.4
60°-70°	1068.9	12.5
70°-80°	595.9	7.0
80°-90°	137.2	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°	2312.4	27.0
0°-40°	3809.7	44.4
0°-60°	6772.3	79.0
0°-90°	8574.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8574.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2923	2923	2923	2923	2923	
5°	3034	2890	2836	2895	3034	293
15°	3205	2753	2668	2754	3205	909
25°	3268	2465	2492	2440	3268	1510
35°	3150	2062	2290	2030	3150	1967
45°	2760	1626	2043	1585	2760	2125
55°	2172	1203	1736	1169	2172	1939
65°	1481	794	1289	775	1481	1463
75°	762	402	699	400	762	810
85°	151	75	125	77	151	191
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°	2922.6	2922.6	2922.6	2922.6	2922.6	2922.6	2922.6	2922.6	2922.6	2922.6	2922.6
2.5°	2987.3	2943.7	2944.4	2982.6	2953.2	2967.6	2926.7	2942.3	2937.6	2941.0	2907.6
5°	3034.4	2987.3	2986.6	3019.4	2986.6	2992.8	2941.0	2951.2	2936.2	2926.7	2890.5
7.5°	3084.1	3037.1	3032.3	3061.0	3018.0	3013.2	2956.0	2956.0	2928.7	2904.8	2870.8
10°	3133.2	3084.8	3078.7	3100.5	3047.3	3031.6	2962.1	2951.2	2915.1	2879.6	2842.8
12.5°	3170.0	3120.9	3116.2	3129.8	3069.8	3041.2	2962.1	2941.0	2887.8	2838.0	2809.4
15°	3204.8	3154.3	3141.4	3148.2	3079.4	3041.2	2952.6	2919.8	2851.7	2786.2	2752.8
17.5°	3229.3	3180.9	3168.0	3167.3	3084.1	3029.6	2932.1	2887.1	2805.3	2726.2	2692.8
20°	3253.9	3205.5	3189.1	3176.8	3082.8	3013.9	2902.1	2841.4	2746.0	2657.4	2629.4
22.5°	3266.2	3216.4	3198.7	3180.3	3073.9	2985.3	2865.3	2788.3	2679.2	2573.5	2550.3
25°	3268.2	3217.1	3198.0	3171.4	3056.2	2951.2	2817.6	2724.2	2602.2	2484.9	2465.1
27.5°	3262.7	3206.8	3187.8	3155.7	3029.6	2909.6	2761.0	2651.2	2520.3	2390.8	2369.7
30°	3243.7	3187.1	3168.7	3127.1	2992.1	2858.5	2699.0	2570.1	2429.7	2292.0	2273.6
32.5°	3205.5	3150.3	3135.3	3093.7	2951.2	2799.2	2626.7	2482.8	2329.5	2197.9	2170.6
35°	3149.6	3094.4	3084.8	3041.2	2893.9	2728.3	2547.6	2387.4	2223.1	2088.8	2062.2
37.5°	3076.6	3030.3	3016.0	2973.0	2826.4	2647.8	2456.9	2283.8	2114.7	1970.2	1953.8
40°	2984.6	2941.0	2930.1	2891.9	2748.0	2558.5	2358.8	2176.8	2002.9	1868.6	1845.4
42.5°	2879.6	2838.7	2832.6	2793.0	2651.2	2459.7	2252.4	2065.6	1886.3	1756.8	1733.6
45°	2760.3	2720.8	2719.4	2681.9	2545.6	2349.9	2140.6	1953.1	1772.5	1638.2	1625.9
47.5°	2628.7	2593.3	2593.3	2558.5	2427.6	2229.2	2025.4	1835.9	1658.0	1539.3	1517.5
50°	2485.6	2452.2	2441.9	2424.9	2297.4	2097.7	1904.1	1721.4	1544.8	1431.6	1410.5
52.5°	2332.9	2304.2	2311.1	2279.7	2156.3	1960.6	1781.4	1592.5	1430.9	1328.0	1306.9
55°	2172.0	2131.1	2137.2	2125.6	2009.0	1819.5	1643.6	1486.2	1319.1	1222.3	1202.6
57.5°	2005.0	1951.8	1973.6	1966.8	1852.3	1675.0	1517.5	1365.5	1208.0	1118.7	1099.6
60°	1833.8	1782.7	1805.2	1799.1	1691.4	1530.5	1387.3	1246.2	1097.6	1016.5	997.4
62.5°	1658.0	1610.9	1631.4	1626.6	1527.7	1382.5	1257.8	1128.3	986.5	913.5	895.8
65°	1480.7	1435.7	1454.1	1450.7	1359.4	1248.9	1124.8	1006.2	874.7	811.3	793.5
67.5°	1299.4	1257.8	1274.8	1274.8	1191.0	1085.3	991.2	882.8	764.9	710.4	694.0
70°	1119.4	1080.5	1095.5	1094.2	1023.3	937.4	856.2	759.4	653.8	608.8	595.1
72.5°	938.1	904.0	917.6	916.2	856.9	801.7	721.3	637.4	545.4	509.2	497.0
75°	762.2	730.1	743.1	741.7	693.3	641.5	587.6	518.1	439.0	413.8	401.5
77.5°	594.5	561.7	572.7	572.7	537.2	499.7	456.8	402.9	347.0	319.7	310.9
80°	433.6	417.9	412.4	413.1	389.3	364.7	342.9	291.1	250.2	231.8	225.7
82.5°	285.0	272.0	266.6	267.9	254.3	239.3	225.7	189.5	162.3	151.3	147.9
85°	151.3	141.8	137.0	140.4	137.7	129.5	122.7	98.2	81.1	77.0	75.0
87.5°	47.7	41.6	38.2	50.4	42.9	38.2	36.8	29.3	22.5	22.5	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°	2922.6	2922.6	2922.6	2922.6	2922.6	2922.6	2922.6	2922.6	2922.6	2922.6	2922.6
2.5°	2918.5	2918.5	2891.9	2885.7	2883.0	2886.4	2859.8	2855.1	2893.2	2880.3	2851.0
5°	2895.3	2893.9	2856.4	2849.6	2849.6	2845.5	2815.5	2808.7	2846.9	2836.0	2803.9
7.5°	2866.7	2862.6	2818.3	2813.5	2806.7	2803.9	2770.5	2765.8	2798.5	2791.7	2761.7
10°	2831.9	2827.8	2775.3	2771.9	2764.4	2758.9	2727.6	2724.2	2757.6	2746.7	2722.8
12.5°	2786.2	2778.7	2724.9	2721.5	2715.3	2713.3	2682.6	2681.2	2718.0	2707.1	2681.9
15°	2726.2	2720.1	2660.1	2661.5	2662.1	2662.1	2637.6	2636.2	2672.4	2667.6	2640.3
17.5°	2660.1	2651.9	2594.7	2598.7	2603.5	2609.0	2589.9	2593.3	2631.5	2625.3	2600.8
20°	2585.1	2576.9	2521.0	2532.6	2542.8	2553.7	2541.5	2551.0	2586.5	2583.7	2565.3
22.5°	2501.3	2493.1	2441.3	2459.0	2476.0	2496.5	2491.0	2501.9	2539.4	2538.8	2522.4
25°	2399.0	2401.0	2355.4	2377.2	2405.8	2434.4	2436.5	2454.2	2495.8	2491.7	2476.7
27.5°	2303.6	2306.3	2257.9	2294.7	2332.9	2369.7	2378.5	2403.1	2445.4	2441.9	2429.0
30°	2203.3	2206.7	2159.7	2210.2	2256.5	2301.5	2320.6	2354.0	2397.0	2397.0	2383.3
32.5°	2099.0	2105.2	2056.1	2123.6	2177.4	2229.9	2263.3	2298.1	2347.2	2345.8	2334.2
35°	1992.0	1998.8	1953.8	2039.7	2093.6	2157.7	2199.3	2245.6	2289.2	2289.9	2281.1
37.5°	1882.9	1891.1	1850.2	1944.3	2005.6	2081.3	2134.5	2180.8	2229.2	2232.0	2223.8
40°	1774.5	1783.4	1747.9	1838.6	1916.3	2000.9	2062.2	2116.8	2169.9	2171.3	2165.8
42.5°	1666.1	1675.7	1649.1	1737.7	1825.7	1916.3	1988.6	2050.6	2105.2	2108.6	2102.4
45°	1560.5	1568.7	1549.6	1646.4	1730.9	1829.8	1912.9	1983.1	2038.4	2043.1	2041.1
47.5°	1455.5	1463.0	1445.9	1534.6	1632.1	1737.0	1833.2	1910.9	1969.5	1975.0	1973.6
50°	1352.5	1358.7	1340.3	1433.0	1529.8	1641.6	1741.8	1831.8	1897.2	1902.7	1902.0
52.5°	1250.3	1256.4	1240.7	1338.2	1426.2	1544.1	1653.2	1750.7	1815.4	1823.6	1825.0
55°	1151.4	1154.2	1141.9	1235.3	1320.5	1443.9	1569.3	1664.1	1728.9	1735.7	1739.8
57.5°	1052.6	1053.3	1043.0	1132.3	1214.2	1340.3	1471.8	1571.4	1632.7	1639.6	1645.7
60°	954.4	953.7	942.1	1028.7	1107.1	1231.9	1368.9	1467.8	1527.1	1533.2	1541.4
62.5°	856.9	854.9	844.7	924.4	998.0	1121.4	1259.1	1354.6	1411.2	1415.3	1426.2
65°	760.1	758.1	748.5	822.2	889.0	1006.9	1141.9	1232.6	1283.7	1289.1	1287.1
67.5°	664.7	660.6	653.1	719.2	779.9	889.0	1018.5	1105.1	1147.3	1152.1	1165.1
70°	569.2	564.5	547.4	617.6	670.8	768.3	889.0	966.0	1001.5	1006.2	1004.2
72.5°	475.2	470.4	452.0	516.7	561.7	647.0	754.7	818.8	849.4	853.5	853.5
75°	383.8	381.1	369.5	418.6	456.1	525.6	617.0	670.1	694.0	698.8	697.4
77.5°	295.9	293.8	282.2	324.5	353.8	405.6	479.3	520.8	538.6	544.0	555.6
80°	212.0	211.3	192.9	234.5	247.5	291.1	345.0	377.0	386.5	394.0	402.2
82.5°	135.7	136.3	117.9	153.4	158.8	186.8	220.2	240.0	246.8	252.9	259.1
85°	66.1	68.9	58.6	81.1	81.8	96.1	110.4	117.9	120.7	125.4	130.9
87.5°	17.0	19.8	10.9	23.2	20.5	26.6	30.7	32.7	32.0	35.4	37.5
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°	2922.6	2922.6	2922.6	2922.6	2922.6	2922.6	2922.6	2922.6	2922.6	2922.6	2922.6
2.5°	2860.5	2882.3	2871.4	2906.9	2920.5	2898.7	2936.9	2937.6	2910.3	2942.3	2960.1
5°	2816.2	2838.7	2831.9	2868.7	2885.7	2866.7	2913.0	2921.9	2895.3	2931.4	2960.1
7.5°	2771.2	2797.8	2788.9	2826.4	2846.9	2831.9	2881.7	2896.0	2875.5	2915.1	2953.2
10°	2732.4	2754.9	2745.3	2784.9	2802.6	2790.3	2839.4	2866.0	2846.9	2895.3	2941.0
12.5°	2694.2	2712.6	2701.7	2734.4	2751.4	2735.8	2795.8	2820.3	2806.7	2857.1	2915.7
15°	2645.1	2665.6	2650.6	2679.9	2692.8	2679.2	2728.3	2770.5	2753.5	2808.7	2873.5
17.5°	2607.6	2619.2	2598.7	2621.9	2629.4	2611.0	2660.8	2702.4	2690.1	2750.1	2825.1
20°	2566.0	2575.6	2546.9	2559.9	2559.2	2536.0	2581.7	2622.6	2614.4	2680.5	2765.8
22.5°	2519.7	2524.4	2491.0	2493.8	2492.4	2454.2	2495.1	2536.7	2533.3	2600.1	2695.5
25°	2470.6	2471.3	2428.3	2426.9	2411.9	2367.0	2403.1	2450.1	2439.9	2512.2	2612.4
27.5°	2422.2	2415.4	2363.5	2351.3	2327.4	2273.6	2305.6	2347.9	2341.7	2412.6	2523.8
30°	2370.4	2361.5	2298.1	2275.6	2240.8	2178.8	2205.4	2244.9	2248.3	2310.4	2426.9
32.5°	2321.3	2298.8	2228.6	2195.8	2152.2	2079.9	2094.3	2134.5	2139.9	2202.7	2322.6
35°	2257.9	2242.9	2156.3	2100.4	2057.5	1978.4	1993.4	2021.3	2029.5	2090.9	2212.9
37.5°	2197.9	2174.0	2082.0	2013.8	1958.6	1875.4	1879.5	1908.2	1916.3	1978.4	2099.0
40°	2135.8	2101.8	2002.9	1923.2	1859.8	1772.5	1767.7	1797.7	1803.8	1864.5	1973.6
42.5°	2069.7	2028.8	1917.7	1830.4	1757.5	1668.9	1659.3	1685.2	1692.0	1751.4	1858.4
45°	2002.9	1953.8	1830.4	1735.0	1655.2	1564.6	1555.0	1574.8	1585.0	1640.9	1743.9
47.5°	1932.0	1874.7	1740.4	1634.1	1551.6	1460.9	1449.4	1469.1	1477.3	1532.5	1630.0
50°	1857.7	1788.2	1647.7	1530.5	1448.7	1359.4	1342.3	1365.5	1373.0	1424.8	1520.3
52.5°	1775.9	1698.9	1548.9	1426.2	1344.4	1259.1	1238.7	1261.2	1270.1	1320.5	1408.4
55°	1689.3	1606.1	1449.4	1330.0	1241.4	1158.3	1141.2	1150.1	1169.2	1216.9	1298.7
57.5°	1591.8	1509.3	1344.4	1223.0	1137.8	1058.0	1043.7	1051.9	1069.6	1116.0	1189.6
60°	1488.2	1400.9	1237.3	1116.0	1033.5	957.8	944.9	952.4	971.5	1013.7	1081.9
62.5°	1386.0	1287.8	1126.9	1006.2	931.2	861.0	857.6	854.9	872.6	913.5	973.5
65°	1261.9	1167.8	1011.7	897.2	829.0	765.6	751.9	758.1	775.1	812.6	875.3
67.5°	1128.9	1043.7	893.7	788.1	727.4	670.8	659.2	662.0	679.7	712.4	766.9
70°	987.8	912.8	773.1	678.3	627.2	574.0	566.5	567.2	584.2	612.9	660.6
72.5°	839.9	772.4	651.0	569.9	527.7	489.5	482.7	474.5	490.2	514.7	555.6
75°	689.2	629.9	529.7	463.6	430.2	398.1	392.0	383.8	399.5	420.6	452.7
77.5°	537.2	489.5	411.8	360.6	334.7	310.9	305.4	296.6	312.2	327.9	353.1
80°	388.6	353.8	307.5	253.6	244.7	229.1	223.6	214.1	229.1	239.3	258.4
82.5°	250.9	227.7	201.1	163.6	162.3	150.7	147.9	137.0	150.7	156.8	171.1
85°	126.8	115.9	109.1	83.2	85.9	78.4	77.7	66.1	77.0	79.8	87.9
87.5°	36.1	38.2	34.1	20.5	25.9	24.5	24.5	17.7	24.5	24.5	28.0
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: P837997

CATALOG NUMBER: ORLG-24-2-INS-ASY2R-LD4-5HI-35-120-EDD-90

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	2922.6	2922.6	2922.6	2922.6	2922.6	2922.6	2922.6	2922.6
2.5°	2925.3	2936.9	2939.6	2938.9	2946.4	2987.3	2973.7	2987.3
5°	2932.1	2958.0	2964.8	2974.4	2986.6	3033.0	3018.0	3034.4
7.5°	2936.2	2975.1	2990.1	3008.5	3028.2	3080.0	3067.8	3084.1
10°	2936.2	2986.6	3008.5	3039.1	3065.7	3125.7	3114.1	3133.2
12.5°	2923.9	2988.7	3019.4	3062.3	3096.4	3161.2	3156.4	3170.0
15°	2898.7	2978.5	3020.7	3076.0	3118.2	3190.5	3188.4	3204.8
17.5°	2864.6	2960.7	3011.9	3081.4	3134.6	3215.7	3220.5	3229.3
20°	2821.7	2927.3	2994.1	3079.4	3146.2	3235.5	3241.6	3253.9
22.5°	2765.1	2887.1	2967.6	3070.5	3147.5	3243.7	3254.6	3266.2
25°	2698.3	2838.7	2932.8	3053.5	3140.7	3243.0	3258.0	3268.2
27.5°	2621.9	2776.0	2888.5	3026.2	3121.6	3232.1	3250.5	3262.7
30°	2533.3	2709.2	2838.0	2990.7	3095.7	3211.6	3231.4	3243.7
32.5°	2441.9	2635.6	2778.0	2945.1	3058.2	3178.9	3195.9	3205.5
35°	2342.4	2546.2	2705.8	2886.4	3009.8	3126.4	3139.4	3149.6
37.5°	2234.0	2449.4	2623.3	2820.3	2941.7	3053.5	3065.0	3076.6
40°	2122.2	2347.9	2530.6	2739.2	2860.5	2964.1	2976.4	2984.6
42.5°	2009.7	2235.4	2431.7	2643.7	2764.4	2863.9	2871.4	2879.6
45°	1895.9	2118.8	2320.6	2538.1	2657.4	2750.8	2753.5	2760.3
47.5°	1780.0	1998.1	2198.6	2417.4	2535.3	2620.6	2623.3	2628.7
50°	1663.4	1877.5	2068.4	2287.2	2402.4	2492.4	2480.1	2485.6
52.5°	1548.9	1750.7	1945.6	2146.8	2260.6	2340.4	2343.8	2332.9
55°	1436.4	1626.6	1805.9	1999.5	2107.9	2169.9	2167.9	2172.0
57.5°	1322.5	1501.2	1665.5	1842.7	1948.4	2007.0	2019.3	2005.0
60°	1206.7	1374.4	1521.6	1681.8	1784.1	1833.2	1847.5	1833.8
62.5°	1091.4	1245.5	1379.1	1518.9	1613.6	1674.3	1673.0	1658.0
65°	976.2	1116.0	1235.3	1353.9	1436.4	1497.1	1494.3	1480.7
67.5°	869.9	985.1	1092.1	1188.2	1259.8	1301.4	1315.7	1299.4
70°	752.6	852.2	946.2	1023.3	1082.6	1120.1	1133.7	1119.4
72.5°	635.4	719.9	786.0	860.3	906.0	937.4	951.7	938.1
75°	519.5	589.0	642.9	700.8	732.9	759.4	775.8	762.2
77.5°	407.0	460.8	503.8	546.1	582.9	589.0	603.3	594.5
80°	300.0	338.8	370.2	398.1	424.7	427.4	439.0	433.6
82.5°	199.7	225.7	233.8	263.1	280.2	277.5	289.1	285.0
85°	105.7	121.3	135.7	144.5	154.1	145.2	155.4	151.3
87.5°	35.4	37.5	32.7	46.4	51.1	43.6	49.8	47.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)