

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: P837855

Luminaire Tested: **ORLG-24-2-INS-ASY2R-LD4-6STD-27-120-EDD**

Issue Date: 5/21/2024



Test Information

Test Method: LM-79-08
Report Number: P837855
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-LD4-6STD-27-120-EDD
Description: 2FT x 2FT ORL LED LUMINAIRE WITH asymmetric/symmetric lens v2 and
RFI grid
Light Source: 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

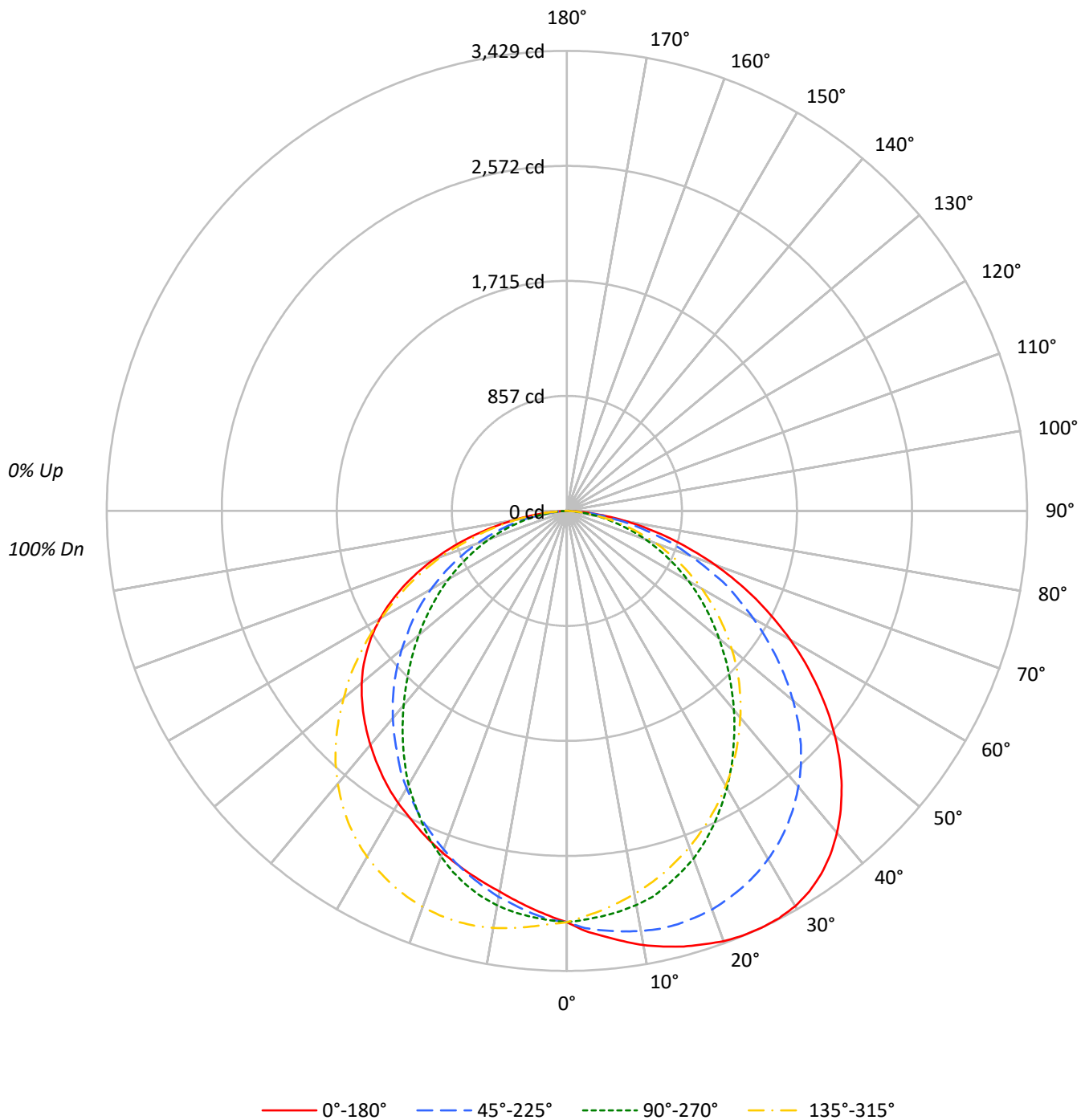
Lumens per Lamp: N/A
Luminaire Lumens: 8995.1 lumens
Efficiency: N/A
Efficacy: 90.0 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.16 / 1.4
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 99.9
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°	8251	8251	8251	8251
5°	8599	8191	8037	8205
10°	8982	8149	7873	8161
15°	9366	8045	7796	8047
20°	9775	7899	7762	7854
25°	10180	7679	7761	7600
30°	10573	7411	7814	7329
35°	10854	7107	7892	6994
40°	10999	6801	8002	6648
45°	11020	6491	8157	6328
50°	10916	6195	8357	6030
55°	10690	5919	8542	5754
60°	10354	5631	8656	5485
65°	9891	5301	8611	5178
70°	9239	4912	8305	4822
75°	8314	4379	7622	4357
80°	7049	3668	6406	3724
85°	4903	2430	4063	2495

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	291.1	3.2
10°-20°	842.9	9.4
20°-30°	1291.8	14.4
30°-40°	1570.8	17.5
40°-50°	1632.9	18.2
50°-60°	1475.0	16.4
60°-70°	1121.4	12.5
70°-80°	625.2	7.0
80°-90°	143.9	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°	2425.9	27.0
0°-40°	3996.7	44.4
0°-60°	7104.6	79.0
0°-90°	8995.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8995.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3066	3066	3066	3066	3066	
5°	3183	3032	2975	3037	3183	307
15°	3362	2888	2798	2889	3362	953
25°	3429	2586	2614	2560	3429	1584
35°	3304	2163	2402	2129	3304	2064
45°	2896	1706	2143	1663	2896	2229
55°	2279	1262	1821	1226	2279	2034
65°	1553	832	1352	813	1553	1535
75°	800	421	733	419	800	849
85°	159	79	132	81	159	200
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°	3066.0	3066.0	3066.0	3066.0	3066.0	3066.0	3066.0	3066.0	3066.0	3066.0	3066.0
2.5°	3133.9	3088.1	3088.9	3128.9	3098.1	3113.2	3070.3	3086.7	3081.7	3085.3	3050.2
5°	3183.3	3133.9	3133.2	3167.5	3133.2	3139.6	3085.3	3096.0	3080.3	3070.3	3032.4
7.5°	3235.5	3186.1	3181.1	3211.1	3166.1	3161.1	3101.0	3101.0	3072.4	3047.4	3011.6
10°	3287.0	3236.2	3229.7	3252.6	3196.8	3180.4	3107.4	3096.0	3058.1	3020.9	2982.3
12.5°	3325.6	3274.1	3269.1	3283.4	3220.4	3190.4	3107.4	3085.3	3029.5	2977.3	2947.2
15°	3362.0	3309.1	3295.5	3302.7	3230.5	3190.4	3097.4	3063.1	2991.6	2922.9	2887.9
17.5°	3387.8	3337.0	3323.4	3322.7	3235.5	3178.2	3076.0	3028.8	2943.0	2860.0	2825.0
20°	3413.5	3362.8	3345.6	3332.7	3234.0	3161.8	3044.5	2980.9	2880.7	2787.8	2758.4
22.5°	3426.4	3374.2	3355.6	3336.3	3224.7	3131.8	3005.9	2925.1	2810.6	2699.8	2675.5
25°	3428.6	3374.9	3354.9	3327.0	3206.1	3096.0	2955.8	2857.8	2729.8	2606.8	2586.1
27.5°	3422.8	3364.2	3344.2	3310.6	3178.2	3052.4	2896.5	2781.3	2644.0	2508.1	2486.0
30°	3402.8	3343.5	3324.1	3280.5	3138.9	2998.7	2831.4	2696.2	2548.9	2404.4	2385.1
32.5°	3362.8	3304.8	3289.1	3245.5	3096.0	2936.5	2755.6	2604.7	2443.8	2305.7	2277.1
35°	3304.1	3246.2	3236.2	3190.4	3035.9	2862.1	2672.6	2504.6	2332.2	2191.3	2163.4
37.5°	3227.6	3179.0	3163.9	3118.9	2965.1	2777.7	2577.5	2395.8	2218.5	2066.9	2049.7
40°	3131.0	3085.3	3073.8	3033.8	2882.9	2684.1	2474.5	2283.6	2101.2	1960.3	1936.0
42.5°	3020.9	2978.0	2971.6	2930.1	2781.3	2580.4	2362.9	2167.0	1978.9	1843.0	1818.7
45°	2895.8	2854.3	2852.8	2813.5	2670.5	2465.2	2245.7	2049.0	1859.5	1718.6	1705.7
47.5°	2757.7	2720.5	2720.5	2684.1	2546.7	2338.6	2124.8	1926.0	1739.3	1614.9	1592.0
50°	2607.5	2572.5	2561.8	2543.9	2410.1	2200.6	1997.5	1805.8	1620.6	1501.9	1479.7
52.5°	2447.3	2417.3	2424.5	2391.6	2262.1	2056.9	1868.8	1670.7	1501.2	1393.2	1371.0
55°	2278.6	2235.6	2242.1	2229.9	2107.6	1908.8	1724.3	1559.1	1383.9	1282.3	1261.6
57.5°	2103.3	2047.6	2070.4	2063.3	1943.1	1757.2	1592.0	1432.5	1267.3	1173.6	1153.6
60°	1923.8	1870.2	1893.8	1887.4	1774.4	1605.6	1455.4	1307.3	1151.4	1066.3	1046.3
62.5°	1739.3	1690.0	1711.4	1706.4	1602.7	1450.4	1319.5	1183.6	1034.9	958.3	939.7
65°	1553.4	1506.2	1525.5	1521.9	1426.1	1310.2	1180.0	1055.6	917.6	851.1	832.5
67.5°	1363.1	1319.5	1337.4	1337.4	1249.4	1138.6	1039.9	926.2	802.4	745.2	728.1
70°	1174.3	1133.6	1149.3	1147.9	1073.5	983.4	898.3	796.7	685.9	638.7	624.3
72.5°	984.1	948.3	962.6	961.2	899.0	841.0	756.7	668.7	572.1	534.2	521.4
75°	799.6	766.0	779.5	778.1	727.3	673.0	616.5	543.5	460.6	434.1	421.2
77.5°	623.6	589.3	600.7	600.7	563.6	524.2	479.2	422.7	364.0	335.4	326.1
80°	454.9	438.4	432.7	433.4	408.4	382.6	359.7	305.4	262.5	243.2	236.7
82.5°	298.9	285.4	279.6	281.1	266.8	251.0	236.7	198.8	170.2	158.8	155.2
85°	158.8	148.8	143.8	147.3	144.5	135.9	128.7	103.0	85.1	80.8	78.7
87.5°	50.1	43.6	40.0	52.9	45.1	40.0	38.6	30.8	23.6	23.6	22.9
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°	3066.0	3066.0	3066.0	3066.0	3066.0	3066.0	3066.0	3066.0	3066.0	3066.0	3066.0
2.5°	3061.7	3061.7	3033.8	3027.3	3024.5	3028.1	3000.2	2995.2	3035.2	3021.6	2990.9
5°	3037.4	3035.9	2996.6	2989.4	2989.4	2985.2	2953.7	2946.5	2986.6	2975.1	2941.5
7.5°	3007.3	3003.0	2956.5	2951.5	2944.4	2941.5	2906.5	2901.5	2935.8	2928.7	2897.2
10°	2970.8	2966.6	2911.5	2907.9	2900.0	2894.3	2861.4	2857.8	2892.9	2881.4	2856.4
12.5°	2922.9	2915.1	2858.6	2855.0	2848.6	2846.4	2814.2	2812.8	2851.4	2840.0	2813.5
15°	2860.0	2853.6	2790.6	2792.1	2792.8	2792.8	2767.0	2765.6	2803.5	2798.5	2769.9
17.5°	2790.6	2782.0	2722.0	2726.3	2731.3	2737.0	2717.0	2720.5	2760.6	2754.1	2728.4
20°	2712.0	2703.4	2644.7	2656.9	2667.6	2679.1	2666.2	2676.2	2713.4	2710.5	2691.2
22.5°	2624.0	2615.4	2561.1	2579.6	2597.5	2619.0	2613.3	2624.7	2664.0	2663.3	2646.2
25°	2516.7	2518.9	2470.9	2493.8	2523.9	2553.9	2556.0	2574.6	2618.3	2614.0	2598.2
27.5°	2416.6	2419.4	2368.7	2407.3	2447.3	2486.0	2495.3	2521.0	2565.3	2561.8	2548.2
30°	2311.5	2315.0	2265.7	2318.6	2367.2	2414.4	2434.5	2469.5	2514.6	2514.6	2500.3
32.5°	2202.0	2208.5	2157.0	2227.8	2284.3	2339.3	2374.4	2410.9	2462.4	2460.9	2448.8
35°	2089.7	2096.9	2049.7	2139.8	2196.3	2263.5	2307.2	2355.8	2401.6	2402.3	2393.0
37.5°	1975.3	1983.9	1941.0	2039.7	2104.1	2183.4	2239.2	2287.9	2338.6	2341.5	2332.9
40°	1861.6	1870.9	1833.7	1928.8	2010.4	2099.0	2163.4	2220.6	2276.4	2277.8	2272.1
42.5°	1747.9	1757.9	1730.0	1823.0	1915.2	2010.4	2086.2	2151.3	2208.5	2212.0	2205.6
45°	1637.0	1645.6	1625.6	1727.2	1815.8	1919.5	2006.8	2080.5	2138.4	2143.4	2141.2
47.5°	1526.9	1534.8	1516.9	1609.9	1712.1	1822.3	1923.1	2004.6	2066.1	2071.9	2070.4
50°	1418.9	1425.3	1406.0	1503.3	1604.9	1722.1	1827.3	1921.7	1990.3	1996.1	1995.3
52.5°	1311.6	1318.1	1301.6	1403.9	1496.2	1619.9	1734.3	1836.6	1904.5	1913.1	1914.5
55°	1207.9	1210.8	1197.9	1295.9	1385.3	1514.7	1646.3	1745.7	1813.7	1820.8	1825.1
57.5°	1104.2	1104.9	1094.2	1187.9	1273.7	1406.0	1544.1	1648.5	1712.8	1720.0	1726.4
60°	1001.2	1000.5	988.4	1079.2	1161.4	1292.3	1436.1	1539.8	1602.0	1608.4	1617.0
62.5°	899.0	896.8	886.1	969.8	1047.0	1176.5	1320.9	1421.1	1480.4	1484.7	1496.2
65°	797.4	795.3	785.3	862.5	932.6	1056.3	1197.9	1293.0	1346.7	1352.4	1350.3
67.5°	697.3	693.0	685.1	754.5	818.2	932.6	1068.5	1159.3	1203.6	1208.6	1222.2
70°	597.2	592.2	574.3	648.0	703.7	806.0	932.6	1013.4	1050.6	1055.6	1053.5
72.5°	498.5	493.5	474.2	542.1	589.3	678.7	791.7	858.9	891.1	895.4	895.4
75°	402.6	399.8	387.6	439.1	478.5	551.4	647.2	703.0	728.1	733.1	731.6
77.5°	310.4	308.2	296.1	340.4	371.2	425.5	502.8	546.4	565.0	570.7	582.9
80°	222.4	221.7	202.4	246.0	259.6	305.4	361.9	395.5	405.5	413.4	422.0
82.5°	142.3	143.0	123.7	160.9	166.6	196.0	231.0	251.7	258.9	265.3	271.8
85°	69.4	72.2	61.5	85.1	85.8	100.8	115.9	123.7	126.6	131.6	137.3
87.5°	17.9	20.7	11.4	24.3	21.5	27.9	32.2	34.3	33.6	37.2	39.3
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°	3066.0	3066.0	3066.0	3066.0	3066.0	3066.0	3066.0	3066.0	3066.0	3066.0	3066.0
2.5°	3000.9	3023.8	3012.3	3049.5	3063.8	3040.9	3081.0	3081.7	3053.1	3086.7	3105.3
5°	2954.4	2978.0	2970.8	3009.5	3027.3	3007.3	3056.0	3065.3	3037.4	3075.3	3105.3
7.5°	2907.2	2935.1	2925.8	2965.1	2986.6	2970.8	3023.1	3038.1	3016.6	3058.1	3098.1
10°	2866.4	2890.0	2880.0	2921.5	2940.1	2927.2	2978.7	3006.6	2986.6	3037.4	3085.3
12.5°	2826.4	2845.7	2834.2	2868.6	2886.5	2870.0	2932.9	2958.7	2944.4	2997.3	3058.8
15°	2774.9	2796.3	2780.6	2811.4	2825.0	2810.6	2862.1	2906.5	2888.6	2946.5	3014.5
17.5°	2735.6	2747.7	2726.3	2750.6	2758.4	2739.1	2791.3	2835.0	2822.1	2885.0	2963.7
20°	2691.9	2701.9	2671.9	2685.5	2684.8	2660.5	2708.4	2751.3	2742.7	2812.1	2901.5
22.5°	2643.3	2648.3	2613.3	2616.1	2614.7	2574.6	2617.5	2661.2	2657.6	2727.7	2827.8
25°	2591.8	2592.5	2547.5	2546.0	2530.3	2483.1	2521.0	2570.3	2559.6	2635.4	2740.6
27.5°	2541.0	2533.9	2479.5	2466.6	2441.6	2385.1	2418.7	2463.1	2456.6	2531.0	2647.6
30°	2486.7	2477.4	2410.9	2387.3	2350.8	2285.7	2313.6	2355.1	2358.7	2423.7	2546.0
32.5°	2435.2	2411.6	2337.9	2303.6	2257.8	2182.0	2197.0	2239.2	2244.9	2310.7	2436.6
35°	2368.7	2352.9	2262.1	2203.5	2158.4	2075.4	2091.2	2120.5	2129.1	2193.4	2321.5
37.5°	2305.7	2280.7	2184.2	2112.6	2054.7	1967.5	1971.7	2001.8	2010.4	2075.4	2202.0
40°	2240.7	2204.9	2101.2	2017.5	1951.0	1859.5	1854.5	1885.9	1892.4	1956.0	2070.4
42.5°	2171.3	2128.4	2011.8	1920.3	1843.7	1750.8	1740.7	1767.9	1775.1	1837.3	1949.6
45°	2101.2	2049.7	1920.3	1820.1	1736.5	1641.3	1631.3	1652.1	1662.8	1721.4	1829.4
47.5°	2026.8	1966.7	1825.8	1714.3	1627.7	1532.6	1520.5	1541.2	1549.8	1607.7	1710.0
50°	1948.9	1875.9	1728.6	1605.6	1519.8	1426.1	1408.2	1432.5	1440.4	1494.7	1594.8
52.5°	1863.0	1782.2	1624.9	1496.2	1410.3	1320.9	1299.5	1323.1	1332.4	1385.3	1477.6
55°	1772.2	1685.0	1520.5	1395.3	1302.3	1215.1	1197.2	1206.5	1226.5	1276.6	1362.4
57.5°	1669.9	1583.4	1410.3	1283.0	1193.6	1110.0	1094.9	1103.5	1122.1	1170.7	1248.0
60°	1561.2	1469.7	1298.0	1170.7	1084.2	1004.8	991.2	999.1	1019.1	1063.5	1135.0
62.5°	1454.0	1351.0	1182.2	1055.6	976.9	903.3	899.7	896.8	915.4	958.3	1021.3
65°	1323.8	1225.1	1061.3	941.2	869.7	803.1	788.8	795.3	813.2	852.5	918.3
67.5°	1184.3	1094.9	937.6	826.7	763.1	703.7	691.6	694.4	713.0	747.4	804.6
70°	1036.3	957.6	811.0	711.6	658.0	602.2	594.3	595.0	612.9	642.9	693.0
72.5°	881.1	810.3	683.0	597.9	553.5	513.5	506.3	497.8	514.2	540.0	582.9
75°	723.0	660.8	555.7	486.3	451.3	417.7	411.2	402.6	419.1	441.3	474.9
77.5°	563.6	513.5	432.0	378.3	351.2	326.1	320.4	311.1	327.6	344.0	370.5
80°	407.7	371.2	322.5	266.0	256.7	240.3	234.6	224.6	240.3	251.0	271.1
82.5°	263.2	238.9	211.0	171.6	170.2	158.1	155.2	143.8	158.1	164.5	179.5
85°	133.0	121.6	114.4	87.3	90.1	82.2	81.5	69.4	80.8	83.7	92.3
87.5°	37.9	40.0	35.8	21.5	27.2	25.7	25.7	18.6	25.7	25.7	29.3
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: P837855

CATALOG NUMBER: ORLG-24-2-INS-ASY2R-LD4-6STD-27-120-EDD

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	3066.0	3066.0	3066.0	3066.0	3066.0	3066.0	3066.0	3066.0
2.5°	3068.8	3081.0	3083.8	3083.1	3091.0	3133.9	3119.6	3133.9
5°	3076.0	3103.2	3110.3	3120.3	3133.2	3181.8	3166.1	3183.3
7.5°	3080.3	3121.0	3136.8	3156.1	3176.8	3231.2	3218.3	3235.5
10°	3080.3	3133.2	3156.1	3188.3	3216.2	3279.1	3266.9	3287.0
12.5°	3067.4	3135.3	3167.5	3212.6	3248.3	3316.3	3311.3	3325.6
15°	3040.9	3124.6	3169.0	3226.9	3271.2	3347.0	3344.9	3362.0
17.5°	3005.2	3106.0	3159.7	3232.6	3288.4	3373.5	3378.5	3387.8
20°	2960.1	3071.0	3141.1	3230.5	3300.5	3394.2	3400.7	3413.5
22.5°	2900.8	3028.8	3113.2	3221.2	3302.0	3402.8	3414.3	3426.4
25°	2830.7	2978.0	3076.7	3203.3	3294.8	3402.1	3417.8	3428.6
27.5°	2750.6	2912.2	3030.2	3174.7	3274.8	3390.7	3410.0	3422.8
30°	2657.6	2842.1	2977.3	3137.5	3247.6	3369.2	3389.9	3402.8
32.5°	2561.8	2764.9	2914.3	3089.6	3208.3	3334.9	3352.8	3362.8
35°	2457.3	2671.2	2838.5	3028.1	3157.5	3279.8	3293.4	3304.1
37.5°	2343.6	2569.6	2752.0	2958.7	3086.0	3203.3	3215.4	3227.6
40°	2226.3	2463.1	2654.7	2873.6	3000.9	3109.6	3122.5	3131.0
42.5°	2108.3	2345.1	2551.0	2773.5	2900.0	3004.5	3012.3	3020.9
45°	1988.9	2222.8	2434.5	2662.6	2787.8	2885.7	2888.6	2895.8
47.5°	1867.3	2096.2	2306.4	2536.0	2659.7	2749.1	2752.0	2757.7
50°	1745.0	1969.6	2169.8	2399.4	2520.3	2614.7	2601.8	2607.5
52.5°	1624.9	1836.6	2041.1	2252.1	2371.5	2455.2	2458.8	2447.3
55°	1506.9	1706.4	1894.5	2097.6	2211.3	2276.4	2274.3	2278.6
57.5°	1387.4	1574.8	1747.2	1933.1	2044.0	2105.5	2118.4	2103.3
60°	1265.9	1441.8	1596.3	1764.3	1871.6	1923.1	1938.1	1923.8
62.5°	1145.0	1306.6	1446.8	1593.4	1692.8	1756.5	1755.0	1739.3
65°	1024.1	1170.7	1295.9	1420.3	1506.9	1570.5	1567.7	1553.4
67.5°	912.6	1033.4	1145.7	1246.6	1321.6	1365.3	1380.3	1363.1
70°	789.6	894.0	992.7	1073.5	1135.7	1175.0	1189.3	1174.3
72.5°	666.5	755.2	824.6	902.6	950.5	983.4	998.4	984.1
75°	545.0	617.9	674.4	735.2	768.8	796.7	813.9	799.6
77.5°	427.0	483.5	528.5	572.9	611.5	617.9	632.9	623.6
80°	314.7	355.4	388.3	417.7	445.6	448.4	460.6	454.9
82.5°	209.5	236.7	245.3	276.1	293.9	291.1	303.2	298.9
85°	110.9	127.3	142.3	151.6	161.6	152.3	163.1	158.8
87.5°	37.2	39.3	34.3	48.6	53.6	45.8	52.2	50.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)