

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: P837888

Luminaire Tested: **ORLG-24-2-INS-ASY2R-LD4-5STD-35-120-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: P837888
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-LD4-5STD-35-120-EDD
Description: 2FT x 2FT ORL LED LUMINAIRE WITH asymmetric/symmetric lens v2 and
RFI grid
Light Source: 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

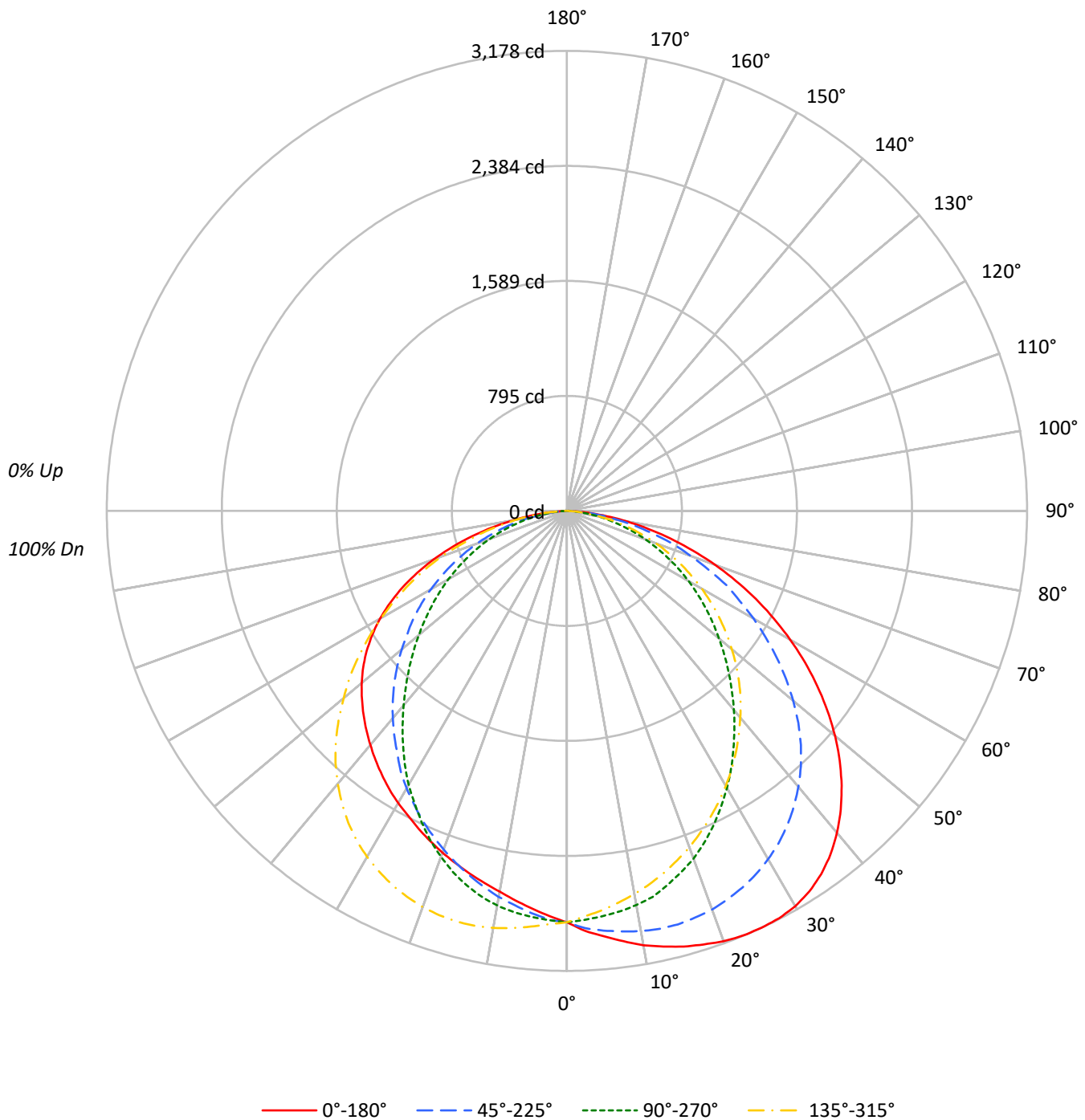
Lumens per Lamp: N/A
Luminaire Lumens: 8337.8 lumens
Efficiency: N/A
Efficacy: 100.2 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.16 / 1.4
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 83.2
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



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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°	7647	7647	7647	7647
5°	7970	7593	7449	7605
10°	8325	7554	7298	7564
15°	8682	7458	7227	7459
20°	9061	7322	7195	7280
25°	9436	7117	7194	7045
30°	9801	6870	7242	6793
35°	10061	6588	7315	6483
40°	10195	6304	7417	6162
45°	10215	6017	7561	5866
50°	10119	5742	7746	5589
55°	9909	5486	7918	5334
60°	9597	5219	8024	5084
65°	9168	4913	7982	4799
70°	8564	4553	7699	4470
75°	7705	4060	7065	4039
80°	6533	3400	5938	3451
85°	4545	2251	3767	2313

Classified

Scaled Data Report

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Peachtree City, GA 30269



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	269.8	3.2
10°-20°	781.3	9.4
20°-30°	1197.4	14.4
30°-40°	1456.0	17.5
40°-50°	1513.6	18.2
50°-60°	1367.2	16.4
60°-70°	1039.5	12.5
70°-80°	579.5	7.0
80°-90°	133.4	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°	2248.6	27.0
0°-40°	3704.6	44.4
0°-60°	6585.4	79.0
0°-90°	8337.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8337.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2842	2842	2842	2842	2842	
5°	2951	2811	2758	2815	2951	285
15°	3116	2677	2594	2678	3116	884
25°	3178	2397	2423	2373	3178	1468
35°	3063	2005	2227	1974	3063	1913
45°	2684	1581	1987	1541	2684	2067
55°	2112	1169	1688	1137	2112	1885
65°	1440	772	1254	754	1440	1423
75°	741	390	680	388	741	787
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°	2841.9	2841.9	2841.9	2841.9	2841.9	2841.9	2841.9	2841.9	2841.9	2841.9	2841.9
2.5°	2904.9	2862.5	2863.1	2900.3	2871.8	2885.7	2845.9	2861.1	2856.5	2859.8	2827.3
5°	2950.6	2904.9	2904.2	2936.1	2904.2	2910.2	2859.8	2869.8	2855.2	2845.9	2810.8
7.5°	2999.0	2953.3	2948.7	2976.5	2934.7	2930.1	2874.4	2874.4	2847.9	2824.7	2791.5
10°	3046.8	2999.7	2993.7	3014.9	2963.2	2948.0	2880.4	2869.8	2834.6	2800.2	2764.4
12.5°	3082.6	3034.8	3030.2	3043.4	2985.1	2957.3	2880.4	2859.8	2808.1	2759.7	2731.9
15°	3116.4	3067.3	3054.7	3061.3	2994.4	2957.3	2871.1	2839.3	2773.0	2709.3	2676.9
17.5°	3140.2	3093.2	3080.6	3079.9	2999.0	2946.0	2851.2	2807.5	2727.9	2651.0	2618.5
20°	3164.1	3117.0	3101.1	3089.2	2997.7	2930.8	2822.0	2763.0	2670.2	2584.0	2556.9
22.5°	3176.0	3127.6	3110.4	3092.5	2989.1	2902.9	2786.2	2711.3	2605.3	2502.5	2480.0
25°	3178.0	3128.3	3109.7	3083.9	2971.9	2869.8	2739.8	2649.0	2530.4	2416.3	2397.1
27.5°	3172.7	3118.4	3099.8	3068.6	2946.0	2829.3	2684.8	2578.1	2450.8	2324.8	2304.3
30°	3154.2	3099.1	3081.2	3040.8	2909.5	2779.6	2624.5	2499.2	2362.6	2228.7	2210.8
32.5°	3117.0	3063.3	3048.8	3008.3	2869.8	2721.9	2554.2	2414.3	2265.2	2137.2	2110.7
35°	3062.7	3009.0	2999.7	2957.3	2814.1	2653.0	2477.3	2321.5	2161.8	2031.2	2005.3
37.5°	2991.7	2946.7	2932.7	2891.0	2748.5	2574.8	2389.2	2220.8	2056.4	1915.8	1899.9
40°	2902.2	2859.8	2849.2	2812.1	2672.2	2487.9	2293.7	2116.7	1947.6	1817.1	1794.5
42.5°	2800.2	2760.4	2754.4	2716.0	2578.1	2391.8	2190.3	2008.6	1834.3	1708.3	1685.8
45°	2684.1	2645.7	2644.4	2607.9	2475.3	2285.1	2081.6	1899.3	1723.6	1593.0	1581.1
47.5°	2556.2	2521.7	2521.7	2487.9	2360.6	2167.7	1969.5	1785.2	1612.2	1496.9	1475.7
50°	2417.0	2384.5	2374.6	2358.0	2234.0	2039.8	1851.5	1673.9	1502.2	1392.1	1371.6
52.5°	2268.5	2240.7	2247.3	2216.8	2096.8	1906.5	1732.2	1548.6	1391.5	1291.4	1270.8
55°	2112.1	2072.3	2078.2	2067.0	1953.6	1769.3	1598.3	1445.2	1282.7	1188.6	1169.4
57.5°	1949.6	1897.9	1919.1	1912.5	1801.1	1628.8	1475.7	1327.8	1174.7	1087.8	1069.3
60°	1783.2	1733.5	1755.4	1749.4	1644.7	1488.2	1349.0	1211.8	1067.3	988.4	969.8
62.5°	1612.2	1566.5	1586.4	1581.7	1485.6	1344.4	1223.1	1097.1	959.2	888.3	871.1
65°	1439.9	1396.1	1414.0	1410.7	1321.9	1214.5	1093.8	978.5	850.5	788.9	771.6
67.5°	1263.5	1223.1	1239.7	1239.7	1158.1	1055.4	963.9	858.5	743.8	690.8	674.8
70°	1088.5	1050.7	1065.3	1064.0	995.0	911.5	832.6	738.5	635.7	592.0	578.7
72.5°	912.2	879.0	892.3	891.0	833.3	779.6	701.4	619.8	530.3	495.2	483.3
75°	741.1	710.0	722.6	721.3	674.2	623.8	571.4	503.8	426.9	402.4	390.5
77.5°	578.1	546.2	556.8	556.8	522.4	485.9	444.2	391.8	337.4	310.9	302.3
80°	421.6	406.4	401.1	401.7	378.5	354.7	333.4	283.1	243.3	225.4	219.4
82.5°	277.1	264.5	259.2	260.5	247.3	232.7	219.4	184.3	157.8	147.2	143.9
85°	147.2	137.9	133.2	136.6	133.9	126.0	119.3	95.5	78.9	74.9	72.9
87.5°	46.4	40.4	37.1	49.1	41.8	37.1	35.8	28.5	21.9	21.9	21.2
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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°	185°
0°	2841.9	2841.9	2841.9	2841.9	2841.9	2841.9	2841.9	2841.9	2841.9	2841.9	2841.9
2.5°	2837.9	2837.9	2812.1	2806.1	2803.5	2806.8	2780.9	2776.3	2813.4	2800.8	2772.3
5°	2815.4	2814.1	2777.6	2771.0	2771.0	2767.0	2737.8	2731.2	2768.3	2757.7	2726.6
7.5°	2787.6	2783.6	2740.5	2735.9	2729.2	2726.6	2694.1	2689.5	2721.3	2714.6	2685.5
10°	2753.8	2749.8	2698.7	2695.4	2688.1	2682.8	2652.3	2649.0	2681.5	2670.9	2647.7
12.5°	2709.3	2702.0	2649.7	2646.4	2640.4	2638.4	2608.6	2607.3	2643.0	2632.4	2607.9
15°	2651.0	2645.0	2586.7	2588.0	2588.7	2588.7	2564.8	2563.5	2598.6	2594.0	2567.5
17.5°	2586.7	2578.7	2523.1	2527.0	2531.7	2537.0	2518.4	2521.7	2558.9	2552.9	2529.0
20°	2513.8	2505.8	2451.5	2462.7	2472.7	2483.3	2471.4	2480.6	2515.1	2512.5	2494.6
22.5°	2432.2	2424.3	2373.9	2391.1	2407.7	2427.6	2422.3	2432.9	2469.4	2468.7	2452.8
25°	2332.8	2334.8	2290.4	2311.6	2339.4	2367.3	2369.3	2386.5	2426.9	2423.0	2408.4
27.5°	2240.0	2242.6	2195.6	2231.4	2268.5	2304.3	2312.9	2336.8	2377.9	2374.6	2362.0
30°	2142.5	2145.9	2100.1	2149.2	2194.3	2238.0	2256.6	2289.1	2330.8	2330.8	2317.6
32.5°	2041.1	2047.1	1999.4	2065.0	2117.4	2168.4	2200.9	2234.7	2282.4	2281.1	2269.8
35°	1937.0	1943.7	1899.9	1983.4	2035.8	2098.1	2138.6	2183.6	2226.1	2226.7	2218.1
37.5°	1831.0	1838.9	1799.2	1890.6	1950.3	2023.9	2075.6	2120.7	2167.7	2170.4	2162.4
40°	1725.6	1734.2	1699.7	1787.9	1863.5	1945.7	2005.3	2058.4	2110.1	2111.4	2106.1
42.5°	1620.2	1629.4	1603.6	1689.8	1775.3	1863.5	1933.7	1994.1	2047.1	2050.4	2044.4
45°	1517.4	1525.4	1506.8	1600.9	1683.1	1779.3	1860.1	1928.4	1982.1	1986.8	1984.8
47.5°	1415.3	1422.6	1406.0	1492.2	1587.0	1689.1	1782.6	1858.2	1915.2	1920.5	1919.1
50°	1315.2	1321.2	1303.3	1393.5	1487.6	1596.3	1693.8	1781.3	1844.9	1850.2	1849.5
52.5°	1215.8	1221.8	1206.5	1301.3	1386.8	1501.5	1607.6	1702.4	1765.3	1773.3	1774.6
55°	1119.7	1122.3	1110.4	1201.2	1284.1	1404.1	1526.0	1618.2	1681.2	1687.8	1691.8
57.5°	1023.5	1024.2	1014.3	1101.1	1180.7	1303.3	1431.2	1528.0	1587.7	1594.3	1600.3
60°	928.1	927.4	916.2	1000.3	1076.6	1197.9	1331.1	1427.3	1484.9	1490.9	1498.9
62.5°	833.3	831.3	821.4	898.9	970.5	1090.5	1224.4	1317.2	1372.2	1376.2	1386.8
65°	739.2	737.2	727.9	799.5	864.4	979.1	1110.4	1198.6	1248.3	1253.6	1251.6
67.5°	646.3	642.4	635.1	699.4	758.4	864.4	990.4	1074.6	1115.7	1120.3	1132.9
70°	553.5	548.9	532.3	600.6	652.3	747.1	864.4	939.4	973.8	978.5	976.5
72.5°	462.1	457.4	439.5	502.5	546.2	629.1	733.8	796.2	826.0	830.0	830.0
75°	373.2	370.6	359.3	407.0	443.5	511.1	599.9	651.6	674.8	679.5	678.2
77.5°	287.7	285.7	274.4	315.5	344.1	394.4	466.0	506.5	523.7	529.0	540.3
80°	206.2	205.5	187.6	228.0	240.6	283.1	335.4	366.6	375.9	383.2	391.1
82.5°	131.9	132.6	114.7	149.2	154.5	181.6	214.1	233.3	240.0	245.9	251.9
85°	64.3	67.0	57.0	78.9	79.5	93.5	107.4	114.7	117.3	122.0	127.3
87.5°	16.6	19.2	10.6	22.5	19.9	25.9	29.8	31.8	31.2	34.5	36.5
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°	2841.9	2841.9	2841.9	2841.9	2841.9	2841.9	2841.9	2841.9	2841.9	2841.9	2841.9
2.5°	2781.6	2802.8	2792.2	2826.7	2839.9	2818.7	2855.8	2856.5	2830.0	2861.1	2878.4
5°	2738.5	2760.4	2753.8	2789.6	2806.1	2787.6	2832.6	2841.3	2815.4	2850.5	2878.4
7.5°	2694.8	2720.6	2712.0	2748.5	2768.3	2753.8	2802.1	2816.1	2796.2	2834.6	2871.8
10°	2657.0	2678.8	2669.6	2708.0	2725.2	2713.3	2761.0	2786.9	2768.3	2815.4	2859.8
12.5°	2619.8	2637.7	2627.1	2659.0	2675.5	2660.3	2718.6	2742.5	2729.2	2778.3	2835.3
15°	2572.1	2592.0	2577.4	2605.9	2618.5	2605.3	2653.0	2694.1	2677.5	2731.2	2794.2
17.5°	2535.7	2546.9	2527.0	2549.6	2556.9	2539.0	2587.4	2627.8	2615.9	2674.2	2747.1
20°	2495.2	2504.5	2476.7	2489.3	2488.6	2466.0	2510.5	2550.2	2542.3	2606.6	2689.5
22.5°	2450.1	2454.8	2422.3	2424.9	2423.6	2386.5	2426.3	2466.7	2463.4	2528.4	2621.2
25°	2402.4	2403.1	2361.3	2360.0	2345.4	2301.6	2336.8	2382.5	2372.6	2442.8	2540.3
27.5°	2355.3	2348.7	2298.3	2286.4	2263.2	2210.8	2242.0	2283.1	2277.1	2346.1	2454.1
30°	2305.0	2296.3	2234.7	2212.8	2179.0	2118.7	2144.5	2183.0	2186.3	2246.6	2360.0
32.5°	2257.2	2235.4	2167.1	2135.3	2092.8	2022.6	2036.5	2075.6	2080.9	2141.9	2258.6
35°	2195.6	2181.0	2096.8	2042.4	2000.7	1923.8	1938.4	1965.5	1973.5	2033.2	2151.8
37.5°	2137.2	2114.0	2024.5	1958.3	1904.6	1823.7	1827.7	1855.5	1863.5	1923.8	2041.1
40°	2076.9	2043.8	1947.6	1870.1	1808.4	1723.6	1718.9	1748.1	1754.1	1813.1	1919.1
42.5°	2012.6	1972.8	1864.8	1779.9	1709.0	1622.8	1613.5	1638.7	1645.4	1703.0	1807.1
45°	1947.6	1899.9	1779.9	1687.1	1609.6	1521.4	1512.1	1531.3	1541.3	1595.6	1695.7
47.5°	1878.7	1823.0	1692.4	1589.0	1508.8	1420.6	1409.4	1428.6	1436.5	1490.2	1585.0
50°	1806.4	1738.8	1602.3	1488.2	1408.7	1321.9	1305.3	1327.8	1335.1	1385.5	1478.3
52.5°	1726.9	1652.0	1506.1	1386.8	1307.3	1224.4	1204.5	1226.4	1235.0	1284.1	1369.6
55°	1642.7	1561.8	1409.4	1293.3	1207.2	1126.3	1109.7	1118.3	1136.9	1183.3	1262.9
57.5°	1547.9	1467.7	1307.3	1189.3	1106.4	1028.8	1014.9	1022.9	1040.1	1085.2	1156.8
60°	1447.1	1362.3	1203.2	1085.2	1005.0	931.4	918.8	926.1	944.7	985.8	1052.0
62.5°	1347.7	1252.2	1095.8	978.5	905.5	837.3	833.9	831.3	848.5	888.3	946.6
65°	1227.1	1135.6	983.8	872.4	806.1	744.5	731.2	737.2	753.7	790.2	851.2
67.5°	1097.8	1014.9	869.1	766.3	707.3	652.3	641.0	643.7	660.9	692.7	745.8
70°	960.6	887.6	751.7	659.6	609.9	558.2	550.9	551.5	568.1	596.0	642.4
72.5°	816.7	751.1	633.1	554.2	513.1	476.0	469.3	461.4	476.6	500.5	540.3
75°	670.2	612.5	515.1	450.8	418.3	387.1	381.2	373.2	388.5	409.0	440.2
77.5°	522.4	476.0	400.4	350.7	325.5	302.3	297.0	288.4	303.6	318.9	343.4
80°	377.9	344.1	299.0	246.6	238.0	222.7	217.4	208.2	222.7	232.7	251.2
82.5°	244.0	221.4	195.6	159.1	157.8	146.5	143.9	133.2	146.5	152.5	166.4
85°	123.3	112.7	106.1	80.9	83.5	76.2	75.6	64.3	74.9	77.6	85.5
87.5°	35.1	37.1	33.1	19.9	25.2	23.9	23.9	17.2	23.9	23.9	27.2
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: P837888

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

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	2841.9	2841.9	2841.9	2841.9	2841.9	2841.9	2841.9	2841.9
2.5°	2844.6	2855.8	2858.5	2857.8	2865.1	2904.9	2891.6	2904.9
5°	2851.2	2876.4	2883.0	2892.3	2904.2	2949.3	2934.7	2950.6
7.5°	2855.2	2893.0	2907.6	2925.4	2944.7	2995.1	2983.1	2999.0
10°	2855.2	2904.2	2925.4	2955.3	2981.1	3039.5	3028.2	3046.8
12.5°	2843.2	2906.2	2936.1	2977.8	3011.0	3073.9	3069.3	3082.6
15°	2818.7	2896.3	2937.4	2991.1	3032.2	3102.4	3100.5	3116.4
17.5°	2785.6	2879.0	2928.8	2996.4	3048.1	3127.0	3131.6	3140.2
20°	2743.8	2846.6	2911.5	2994.4	3059.4	3146.2	3152.2	3164.1
22.5°	2688.8	2807.5	2885.7	2985.8	3060.7	3154.2	3164.8	3176.0
25°	2623.8	2760.4	2851.9	2969.2	3054.1	3153.5	3168.1	3178.0
27.5°	2549.6	2699.4	2808.8	2942.7	3035.5	3142.9	3160.8	3172.7
30°	2463.4	2634.4	2759.7	2908.2	3010.3	3123.0	3142.2	3154.2
32.5°	2374.6	2562.8	2701.4	2863.8	2973.8	3091.2	3107.8	3117.0
35°	2277.8	2476.0	2631.1	2806.8	2926.8	3040.1	3052.7	3062.7
37.5°	2172.4	2381.9	2550.9	2742.5	2860.5	2969.2	2980.5	2991.7
40°	2063.7	2283.1	2460.7	2663.6	2781.6	2882.4	2894.3	2902.2
42.5°	1954.3	2173.7	2364.6	2570.8	2688.1	2784.9	2792.2	2800.2
45°	1843.6	2060.3	2256.6	2468.0	2584.0	2674.9	2677.5	2684.1
47.5°	1730.9	1943.0	2137.9	2350.7	2465.4	2548.3	2550.9	2556.2
50°	1617.5	1825.7	2011.3	2224.1	2336.1	2423.6	2411.7	2417.0
52.5°	1506.1	1702.4	1892.0	2087.5	2198.2	2275.8	2279.1	2268.5
55°	1396.8	1581.7	1756.1	1944.3	2049.7	2110.1	2108.1	2112.1
57.5°	1286.1	1459.7	1619.5	1791.9	1894.6	1951.6	1963.6	1949.6
60°	1173.4	1336.4	1479.6	1635.4	1734.9	1782.6	1796.5	1783.2
62.5°	1061.3	1211.1	1341.1	1477.0	1569.1	1628.1	1626.8	1612.2
65°	949.3	1085.2	1201.2	1316.6	1396.8	1455.8	1453.1	1439.9
67.5°	845.9	957.9	1062.0	1155.5	1225.1	1265.5	1279.4	1263.5
70°	731.9	828.6	920.1	995.0	1052.7	1089.2	1102.4	1088.5
72.5°	617.8	700.0	764.3	836.6	881.0	911.5	925.4	912.2
75°	505.1	572.8	625.1	681.5	712.6	738.5	754.4	741.1
77.5°	395.8	448.1	489.9	531.0	566.8	572.8	586.7	578.1
80°	291.7	329.5	360.0	387.1	413.0	415.6	426.9	421.6
82.5°	194.2	219.4	227.4	255.9	272.5	269.8	281.1	277.1
85°	102.8	118.0	131.9	140.5	149.8	141.2	151.1	147.2
87.5°	34.5	36.5	31.8	45.1	49.7	42.4	48.4	46.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)