

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: P837907

Luminaire Tested: **ORLG-24-2-INS-ASY2R-LD4-5HI-40-120-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: P837907
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-40-120-EDD
Description: 2FT x 2FT ORL LED LUMINAIRE WITH asymmetric/symmetric lens v2 and RFI grid
Light Source: 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

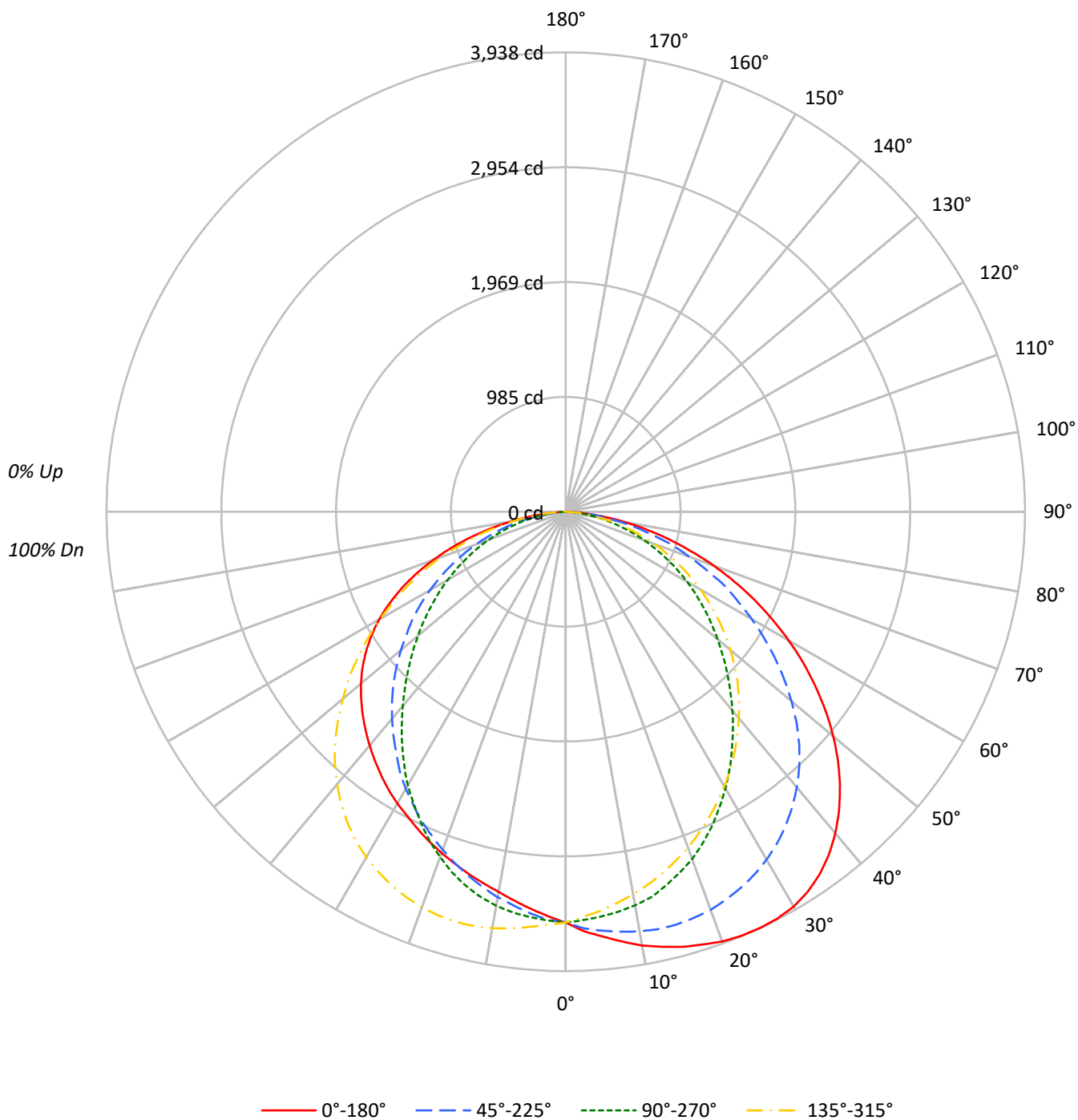
Lumens per Lamp: N/A
Luminaire Lumens: 10330.6 lumens
Efficiency: N/A
Efficacy: 93.9 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.16 / 1.4
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	109	104	100	96	106	102	98	94	97	94	91		94	91	89		90
2	99	91	84	78	96	89	82	77	85	80	75		82	77	73		79
3	90	79	71	65	88	78	70	64	75	68	63		72	66	62		69
4	82	70	61	55	80	69	61	54	66	59	53		64	58	53		62
5	76	63	54	47	74	62	53	47	59	52	46		57	51	46		56
6	70	56	47	41	68	55	47	41	54	46	40		52	45	40		50
7	65	51	42	36	63	50	42	36	49	41	36		47	40	35		46
8	60	47	38	32	59	46	38	32	45	37	32		43	37	32		42
9	56	43	34	29	55	42	34	29	41	34	29		40	33	28		39
10	53	39	31	26	51	39	31	26	38	31	26		37	30	26		36

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9475	9475	9475	9475
5°	9876	9407	9230	9423
10°	10315	9359	9042	9372
15°	10757	9240	8954	9242
20°	11226	9072	8914	9020
25°	11691	8818	8914	8728
30°	12143	8511	8973	8417
35°	12466	8162	9063	8033
40°	12632	7810	9190	7634
45°	12656	7455	9368	7268
50°	12537	7114	9597	6925
55°	12277	6798	9811	6609
60°	11891	6467	9942	6299
65°	11359	6088	9890	5947
70°	10611	5641	9538	5538
75°	9548	5030	8753	5004
80°	8095	4214	7356	4277
85°	5629	2788	4665	2865

Classified

Scaled Data Report

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	334.3	3.2
10°-20°	968.1	9.4
20°-30°	1483.6	14.4
30°-40°	1804.0	17.5
40°-50°	1875.4	18.2
50°-60°	1694.0	16.4
60°-70°	1287.9	12.5
70°-80°	718.0	7.0
80°-90°	165.3	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°	2786.0	27.0
0°-40°	4590.0	44.4
0°-60°	8159.4	79.0
0°-90°	10330.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10330.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3521	3521	3521	3521	3521	
5°	3656	3483	3417	3488	3656	353
15°	3861	3317	3214	3318	3861	1095
25°	3938	2970	3002	2940	3938	1819
35°	3795	2485	2759	2445	3795	2370
45°	3326	1959	2462	1910	3326	2560
55°	2617	1449	2091	1409	2617	2336
65°	1784	956	1553	934	1784	1763
75°	918	484	842	481	918	975
85°	182	90	151	93	182	230
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°	3521.2	3521.2	3521.2	3521.2	3521.2	3521.2	3521.2	3521.2	3521.2	3521.2	3521.2
2.5°	3599.2	3546.6	3547.4	3593.4	3558.1	3575.4	3526.1	3545.0	3539.2	3543.3	3503.1
5°	3655.9	3599.2	3598.4	3637.8	3598.4	3605.8	3543.3	3555.7	3537.6	3526.1	3482.6
7.5°	3715.8	3659.1	3653.4	3687.9	3636.1	3630.4	3561.4	3561.4	3528.6	3499.8	3458.7
10°	3775.0	3716.6	3709.3	3735.5	3671.5	3652.6	3568.8	3555.7	3512.1	3469.4	3425.1
12.5°	3819.3	3760.2	3754.4	3770.9	3698.6	3664.1	3568.8	3543.3	3479.3	3419.3	3384.8
15°	3861.2	3800.4	3784.8	3793.0	3710.1	3664.1	3557.3	3517.9	3435.7	3356.9	3316.6
17.5°	3890.8	3832.5	3816.8	3816.0	3715.8	3650.1	3532.7	3478.4	3379.9	3284.6	3244.4
20°	3920.3	3862.0	3842.3	3827.5	3714.2	3631.2	3496.5	3423.4	3308.4	3201.7	3168.0
22.5°	3935.1	3875.2	3853.8	3831.6	3703.5	3596.7	3452.2	3359.4	3227.9	3100.6	3072.7
25°	3937.6	3876.0	3853.0	3821.0	3682.1	3555.7	3394.7	3282.1	3135.1	2993.8	2970.0
27.5°	3931.0	3863.7	3840.7	3802.1	3650.1	3505.6	3326.5	3194.3	3036.6	2880.5	2855.0
30°	3908.0	3839.8	3817.7	3767.6	3604.9	3444.0	3251.8	3096.5	2927.3	2761.4	2739.2
32.5°	3862.0	3795.5	3777.4	3727.3	3555.7	3372.5	3164.7	2991.4	2806.6	2648.1	2615.2
35°	3794.7	3728.1	3716.6	3664.1	3486.7	3287.1	3069.4	2876.4	2678.4	2516.6	2484.6
37.5°	3706.8	3650.9	3633.7	3581.9	3405.3	3190.2	2960.2	2751.5	2547.9	2373.7	2354.0
40°	3595.9	3543.3	3530.2	3484.2	3310.9	3082.6	2841.9	2622.6	2413.1	2251.3	2223.4
42.5°	3469.4	3420.1	3412.7	3365.1	3194.3	2963.5	2713.8	2488.7	2272.7	2116.6	2088.7
45°	3325.7	3278.0	3276.4	3231.2	3066.9	2831.2	2579.1	2353.2	2135.5	1973.7	1958.9
47.5°	3167.2	3124.4	3124.4	3082.6	2924.9	2685.8	2440.3	2211.9	1997.5	1854.6	1828.3
50°	2994.7	2954.4	2942.1	2921.6	2768.0	2527.3	2294.1	2073.9	1861.2	1724.9	1699.4
52.5°	2810.7	2776.2	2784.4	2746.6	2598.0	2362.2	2146.2	1918.7	1724.0	1600.0	1574.5
55°	2616.8	2567.6	2575.0	2561.0	2420.5	2192.2	1980.3	1790.6	1589.3	1472.7	1448.9
57.5°	2415.6	2351.5	2377.8	2369.6	2231.6	2018.1	1828.3	1645.2	1455.4	1347.8	1324.8
60°	2209.5	2147.8	2175.0	2167.6	2037.8	1843.9	1671.5	1501.4	1322.4	1224.6	1201.6
62.5°	1997.5	1940.9	1965.5	1959.8	1840.7	1665.7	1515.4	1359.3	1188.5	1100.6	1079.3
65°	1784.0	1729.8	1752.0	1747.8	1637.8	1504.7	1355.2	1212.3	1053.8	977.4	956.1
67.5°	1565.5	1515.4	1535.9	1535.9	1434.9	1307.6	1194.3	1063.7	921.6	855.9	836.1
70°	1348.7	1301.9	1319.9	1318.3	1232.9	1129.4	1031.6	915.0	787.7	733.5	717.0
72.5°	1130.2	1089.1	1105.5	1103.9	1032.4	965.9	869.0	768.0	657.1	613.6	598.8
75°	918.3	879.7	895.3	893.6	835.3	772.9	708.0	624.2	529.0	498.6	483.8
77.5°	716.2	676.8	689.9	689.9	647.2	602.1	550.3	485.4	418.1	385.2	374.5
80°	522.4	503.5	496.9	497.7	469.0	439.4	413.1	350.7	301.4	279.3	271.9
82.5°	343.3	327.7	321.2	322.8	306.4	288.3	271.9	228.3	195.5	182.3	178.2
85°	182.3	170.8	165.1	169.2	165.9	156.1	147.8	118.3	97.7	92.8	90.3
87.5°	57.5	50.1	46.0	60.8	51.7	46.0	44.4	35.3	27.1	27.1	26.3
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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°	185°
0°	3521.2	3521.2	3521.2	3521.2	3521.2	3521.2	3521.2	3521.2	3521.2	3521.2	3521.2
2.5°	3516.2	3516.2	3484.2	3476.8	3473.5	3477.6	3445.6	3439.8	3485.8	3470.2	3434.9
5°	3488.3	3486.7	3441.5	3433.3	3433.3	3428.3	3392.2	3384.0	3430.0	3416.8	3378.2
7.5°	3453.8	3448.9	3395.5	3389.7	3381.5	3378.2	3338.0	3332.2	3371.7	3363.5	3327.3
10°	3411.9	3407.0	3343.7	3339.6	3330.6	3324.0	3286.3	3282.1	3322.4	3309.2	3280.5
12.5°	3356.9	3347.9	3283.0	3278.9	3271.5	3269.0	3232.0	3230.4	3274.8	3261.6	3231.2
15°	3284.6	3277.2	3204.9	3206.6	3207.4	3207.4	3177.8	3176.2	3219.7	3214.0	3181.1
17.5°	3204.9	3195.1	3126.1	3131.0	3136.8	3143.3	3120.3	3124.4	3170.4	3163.0	3133.5
20°	3114.6	3104.7	3037.4	3051.3	3063.7	3076.8	3062.0	3073.5	3116.2	3112.9	3090.8
22.5°	3013.6	3003.7	2941.3	2962.6	2983.2	3007.8	3001.2	3014.4	3059.6	3058.7	3039.0
25°	2890.4	2892.8	2837.8	2864.1	2898.6	2933.1	2935.5	2956.9	3007.0	3002.1	2984.0
27.5°	2775.4	2778.7	2720.3	2764.7	2810.7	2855.0	2865.7	2895.3	2946.2	2942.1	2926.5
30°	2654.6	2658.7	2602.1	2662.8	2718.7	2772.9	2795.9	2836.1	2887.9	2887.9	2871.5
32.5°	2529.0	2536.4	2477.2	2558.5	2623.4	2686.7	2726.9	2768.8	2827.9	2826.3	2812.3
35°	2400.0	2408.2	2354.0	2457.5	2522.4	2599.6	2649.7	2705.6	2758.1	2758.9	2748.3
37.5°	2268.6	2278.4	2229.2	2342.5	2416.4	2507.6	2571.7	2627.5	2685.8	2689.1	2679.3
40°	2138.0	2148.7	2106.0	2215.2	2308.8	2410.7	2484.6	2550.3	2614.4	2616.0	2609.5
42.5°	2007.4	2018.9	1986.9	2093.6	2199.6	2308.8	2395.9	2470.6	2536.4	2540.5	2533.1
45°	1880.1	1889.9	1866.9	1983.6	2085.4	2204.5	2304.7	2389.3	2455.9	2461.6	2459.1
47.5°	1753.6	1762.6	1742.1	1848.9	1966.3	2092.8	2208.6	2302.3	2372.9	2379.5	2377.8
50°	1629.6	1637.0	1614.8	1726.5	1843.1	1977.8	2098.6	2207.0	2285.8	2292.4	2291.6
52.5°	1506.4	1513.8	1494.9	1612.3	1718.3	1860.4	1991.8	2109.2	2187.3	2197.1	2198.8
55°	1387.3	1390.6	1375.8	1488.3	1591.0	1739.6	1890.8	2004.9	2083.0	2091.2	2096.1
57.5°	1268.2	1269.0	1256.7	1364.3	1462.8	1614.8	1773.3	1893.2	1967.2	1975.4	1982.8
60°	1149.9	1149.1	1135.1	1239.4	1333.9	1484.2	1649.3	1768.4	1839.8	1847.2	1857.1
62.5°	1032.4	1030.0	1017.7	1113.8	1202.5	1351.1	1517.0	1632.0	1700.2	1705.1	1718.3
65°	915.8	913.3	901.9	990.6	1071.1	1213.1	1375.8	1485.0	1546.6	1553.2	1550.7
67.5°	800.8	795.9	786.9	866.5	939.6	1071.1	1227.1	1331.4	1382.3	1388.1	1403.7
70°	685.8	680.1	659.6	744.1	808.2	925.7	1071.1	1163.9	1206.6	1212.3	1209.9
72.5°	572.5	566.7	544.6	622.6	676.8	779.5	909.2	986.5	1023.4	1028.3	1028.3
75°	462.4	459.1	445.2	504.3	549.5	633.3	743.3	807.4	836.1	841.9	840.2
77.5°	356.5	354.0	340.0	391.0	426.3	488.7	577.4	627.5	648.9	655.4	669.4
80°	255.4	254.6	232.4	282.5	298.2	350.7	415.6	454.2	465.7	474.7	484.6
82.5°	163.5	164.3	142.1	184.8	191.4	225.1	265.3	289.1	297.3	304.7	312.1
85°	79.7	83.0	70.6	97.7	98.6	115.8	133.1	142.1	145.4	151.1	157.7
87.5°	20.5	23.8	13.1	27.9	24.6	32.0	37.0	39.4	38.6	42.7	45.2
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):

	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°	285°
0°	3521.2	3521.2	3521.2	3521.2	3521.2	3521.2	3521.2	3521.2	3521.2	3521.2	3521.2
2.5°	3446.4	3472.7	3459.6	3502.3	3518.7	3492.4	3538.4	3539.2	3506.4	3545.0	3566.3
5°	3393.0	3420.1	3411.9	3456.3	3476.8	3453.8	3509.7	3520.3	3488.3	3531.8	3566.3
7.5°	3338.8	3370.9	3360.2	3405.3	3430.0	3411.9	3471.9	3489.1	3464.5	3512.1	3558.1
10°	3292.0	3319.1	3307.6	3355.2	3376.6	3361.8	3421.0	3453.0	3430.0	3488.3	3543.3
12.5°	3246.0	3268.2	3255.0	3294.5	3315.0	3296.1	3368.4	3398.0	3381.5	3442.3	3512.9
15°	3186.9	3211.5	3193.4	3228.8	3244.4	3227.9	3287.1	3338.0	3317.5	3384.0	3462.0
17.5°	3141.7	3155.7	3131.0	3158.9	3168.0	3145.8	3205.8	3255.9	3241.1	3313.4	3403.7
20°	3091.6	3103.1	3068.6	3084.2	3083.4	3055.4	3110.5	3159.8	3149.9	3229.6	3332.2
22.5°	3035.7	3041.5	3001.2	3004.5	3002.9	2956.9	3006.2	3056.3	3052.2	3132.7	3247.6
25°	2976.6	2977.4	2925.7	2924.0	2906.0	2851.8	2895.3	2952.0	2939.6	3026.7	3147.4
27.5°	2918.3	2910.1	2847.6	2832.9	2804.1	2739.2	2777.8	2828.8	2821.4	2906.8	3040.7
30°	2855.9	2845.2	2768.8	2741.7	2699.8	2625.1	2657.1	2704.7	2708.8	2783.6	2924.0
32.5°	2796.7	2769.6	2685.0	2645.6	2593.0	2506.0	2523.2	2571.7	2578.2	2653.8	2798.4
35°	2720.3	2702.3	2598.0	2530.6	2478.9	2383.6	2401.6	2435.3	2445.2	2519.1	2666.1
37.5°	2648.1	2619.3	2508.4	2426.3	2359.8	2259.6	2264.5	2299.0	2308.8	2383.6	2529.0
40°	2573.3	2532.2	2413.1	2317.0	2240.7	2135.5	2129.8	2165.9	2173.3	2246.4	2377.8
42.5°	2493.6	2444.4	2310.5	2205.3	2117.5	2010.7	1999.2	2030.4	2038.6	2110.1	2239.0
45°	2413.1	2354.0	2205.3	2090.4	1994.3	1885.0	1873.5	1897.3	1909.7	1977.0	2101.0
47.5°	2327.7	2258.7	2096.9	1968.8	1869.4	1760.2	1746.2	1770.0	1779.9	1846.4	1963.9
50°	2238.2	2154.4	1985.2	1843.9	1745.4	1637.8	1617.3	1645.2	1654.2	1716.6	1831.6
52.5°	2139.6	2046.8	1866.1	1718.3	1619.7	1517.0	1492.4	1519.5	1530.2	1591.0	1696.9
55°	2035.3	1935.1	1746.2	1602.5	1495.7	1395.5	1375.0	1385.6	1408.6	1466.1	1564.7
57.5°	1917.9	1818.5	1619.7	1473.5	1370.8	1274.7	1257.5	1267.4	1288.7	1344.6	1433.3
60°	1793.0	1687.9	1490.8	1344.6	1245.2	1154.0	1138.4	1147.4	1170.4	1221.4	1303.5
62.5°	1669.8	1551.5	1357.7	1212.3	1122.0	1037.4	1033.3	1030.0	1051.3	1100.6	1172.9
65°	1520.3	1407.0	1218.9	1080.9	998.8	922.4	906.0	913.3	933.9	979.1	1054.6
67.5°	1360.2	1257.5	1076.8	949.5	876.4	808.2	794.3	797.5	818.9	858.3	924.0
70°	1190.1	1099.8	931.4	817.3	755.6	691.6	682.5	683.4	703.9	738.4	795.9
72.5°	1011.9	930.6	784.4	686.7	635.7	589.7	581.5	571.7	590.6	620.1	669.4
75°	830.4	758.9	638.2	558.5	518.3	479.7	472.3	462.4	481.3	506.8	545.4
77.5°	647.2	589.7	496.1	434.5	403.3	374.5	368.0	357.3	376.2	395.1	425.5
80°	468.2	426.3	370.4	305.5	294.9	276.0	269.4	257.9	276.0	288.3	311.3
82.5°	302.3	274.3	242.3	197.1	195.5	181.5	178.2	165.1	181.5	188.9	206.2
85°	152.8	139.6	131.4	100.2	103.5	94.5	93.6	79.7	92.8	96.1	106.0
87.5°	43.5	46.0	41.1	24.6	31.2	29.6	29.6	21.4	29.6	29.6	33.7
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: P837907

CATALOG NUMBER: ORLG-24-2-INS-ASY2R-LD4-5HI-40-120-EDD

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	3521.2	3521.2	3521.2	3521.2	3521.2	3521.2	3521.2	3521.2
2.5°	3524.4	3538.4	3541.7	3540.9	3549.9	3599.2	3582.8	3599.2
5°	3532.7	3563.9	3572.1	3583.6	3598.4	3654.2	3636.1	3655.9
7.5°	3537.6	3584.4	3602.5	3624.7	3648.5	3710.9	3696.1	3715.8
10°	3537.6	3598.4	3624.7	3661.6	3693.6	3765.9	3752.0	3775.0
12.5°	3522.8	3600.8	3637.8	3689.5	3730.6	3808.6	3802.9	3819.3
15°	3492.4	3588.5	3639.4	3706.0	3756.9	3844.0	3841.5	3861.2
17.5°	3451.3	3567.2	3628.8	3712.5	3776.6	3874.3	3880.1	3890.8
20°	3399.6	3526.9	3607.4	3710.1	3790.6	3898.2	3905.6	3920.3
22.5°	3331.4	3478.4	3575.4	3699.4	3792.2	3908.0	3921.2	3935.1
25°	3250.9	3420.1	3533.5	3678.9	3784.0	3907.2	3925.3	3937.6
27.5°	3158.9	3344.6	3480.1	3646.0	3761.0	3894.1	3916.2	3931.0
30°	3052.2	3264.1	3419.3	3603.3	3729.8	3869.4	3893.2	3908.0
32.5°	2942.1	3175.4	3347.0	3548.3	3684.6	3830.0	3850.5	3862.0
35°	2822.2	3067.8	3260.0	3477.6	3626.3	3766.7	3782.4	3794.7
37.5°	2691.6	2951.1	3160.6	3398.0	3544.2	3678.9	3692.8	3706.8
40°	2556.9	2828.8	3048.9	3300.2	3446.4	3571.3	3586.0	3595.9
42.5°	2421.4	2693.2	2929.8	3185.2	3330.6	3450.5	3459.6	3469.4
45°	2284.2	2552.8	2795.9	3057.9	3201.7	3314.2	3317.5	3325.7
47.5°	2144.6	2407.4	2648.9	2912.5	3054.6	3157.3	3160.6	3167.2
50°	2004.1	2262.0	2492.0	2755.7	2894.5	3002.9	2988.1	2994.7
52.5°	1866.1	2109.2	2344.2	2586.5	2723.6	2819.7	2823.8	2810.7
55°	1730.6	1959.8	2175.8	2409.0	2539.6	2614.4	2611.9	2616.8
57.5°	1593.4	1808.6	2006.6	2220.1	2347.4	2418.1	2432.9	2415.6
60°	1453.8	1655.9	1833.3	2026.3	2149.5	2208.6	2225.9	2209.5
62.5°	1315.0	1500.6	1661.6	1830.0	1944.2	2017.3	2015.6	1997.5
65°	1176.2	1344.6	1488.3	1631.2	1730.6	1803.7	1800.4	1784.0
67.5°	1048.1	1186.9	1315.8	1431.6	1517.9	1568.0	1585.2	1565.5
70°	906.8	1026.7	1140.0	1232.9	1304.3	1349.5	1365.9	1348.7
72.5°	765.5	867.4	947.0	1036.6	1091.6	1129.4	1146.6	1130.2
75°	625.9	709.7	774.5	844.4	883.0	915.0	934.7	918.3
77.5°	490.4	555.2	607.0	657.9	702.3	709.7	726.9	716.2
80°	361.4	408.2	446.0	479.7	511.7	515.0	529.0	522.4
82.5°	240.7	271.9	281.7	317.0	337.6	334.3	348.3	343.3
85°	127.3	146.2	163.5	174.1	185.6	174.9	187.3	182.3
87.5°	42.7	45.2	39.4	55.9	61.6	52.6	60.0	57.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)