

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: P837784

Luminaire Tested: **ORLG-12-4-INS-ASY2R-LD4-3HI-27-120-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: P837784
Test Lab: INNOVATION CENTER(G2)
Issue Date: 5/21/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: ORLG-12-4-INS-ASY2R-LD4-3HI-27-120-EDD-90
Description: 1FT x 4FT ORL LED LUMINAIRE WITH asymmetric/symmetric lens v2 and
RFI grid
Light Source: 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

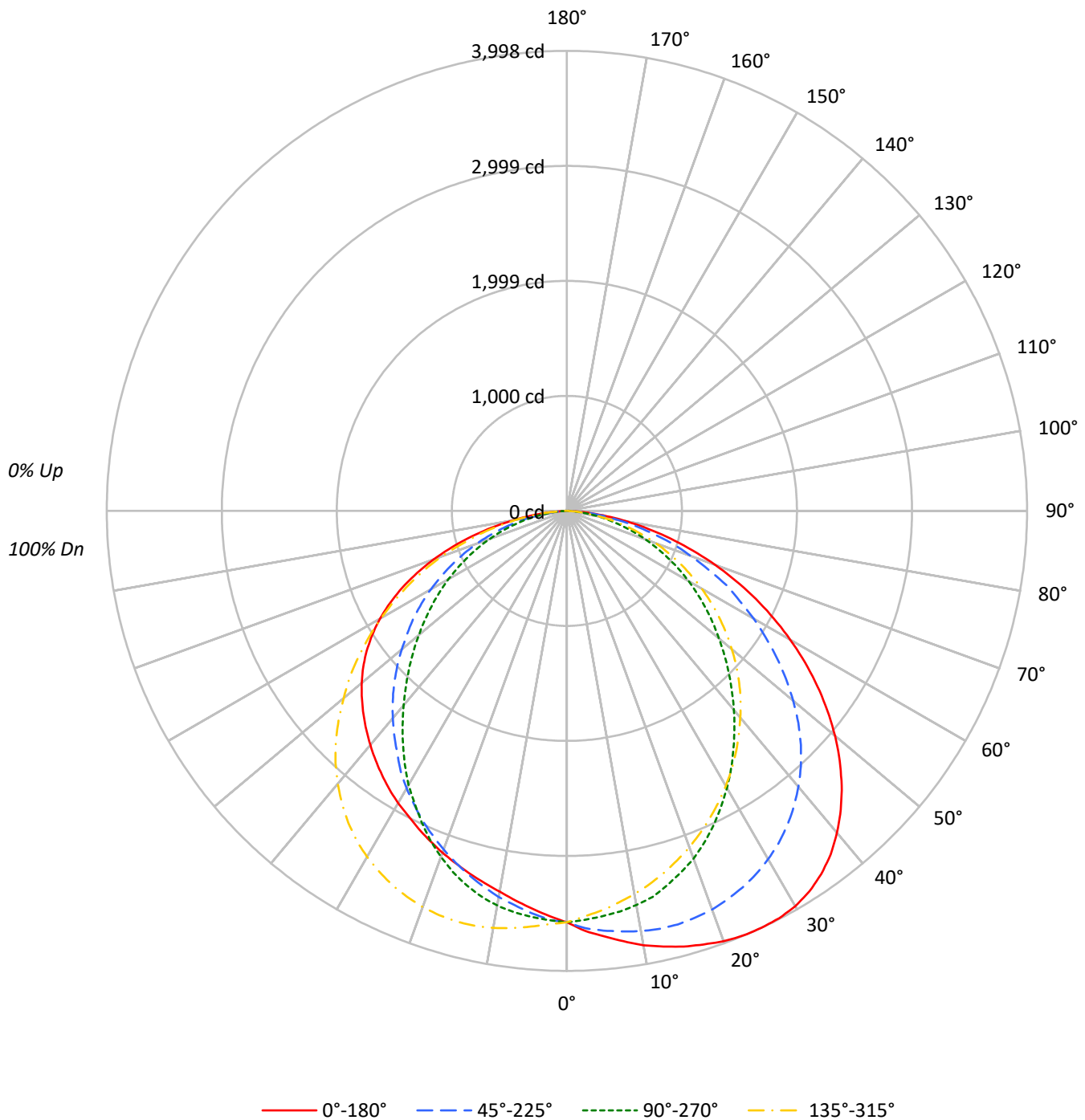
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10489.4 lumens
Efficiency: N/A
Efficacy: 79.5 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.16 / 1.4
Luminous Opening: Rectangular (W 1' x L: 4' 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
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°	9621	9621	9621	9621
5°	10027	9552	9372	9568
10°	10474	9503	9181	9516
15°	10922	9382	9092	9384
20°	11399	9212	9052	9159
25°	11871	8954	9051	8862
30°	12330	8642	9111	8547
35°	12657	8288	9202	8156
40°	12826	7931	9331	7752
45°	12851	7569	9512	7379
50°	12730	7224	9744	7032
55°	12466	6902	9962	6710
60°	12074	6567	10094	6396
65°	11534	6181	10042	6038
70°	10774	5729	9685	5623
75°	9694	5107	8887	5081
80°	8219	4277	7469	4342
85°	5715	2831	4739	2908

Classified

Scaled Data Report

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	339.4	3.2
10°-20°	983.0	9.4
20°-30°	1506.4	14.4
30°-40°	1831.7	17.5
40°-50°	1904.2	18.2
50°-60°	1720.0	16.4
60°-70°	1307.7	12.5
70°-80°	729.0	7.0
80°-90°	167.8	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°	2828.8	27.0
0°-40°	4660.6	44.4
0°-60°	8284.8	79.0
0°-90°	10489.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10489.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3575	3575	3575	3575	3575	
5°	3712	3536	3469	3542	3712	358
15°	3920	3368	3263	3368	3920	1112
25°	3998	3016	3048	2985	3998	1847
35°	3853	2523	2801	2483	3853	2407
45°	3377	1989	2499	1939	3377	2600
55°	2657	1471	2123	1430	2657	2372
65°	1811	971	1577	948	1811	1790
75°	932	491	855	489	932	990
85°	185	92	154	94	185	233
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°	3575.3	3575.3	3575.3	3575.3	3575.3	3575.3	3575.3	3575.3	3575.3	3575.3	3575.3
2.5°	3654.5	3601.1	3602.0	3648.7	3612.8	3630.3	3580.3	3599.5	3593.6	3597.8	3556.9
5°	3712.0	3654.5	3653.7	3693.7	3653.7	3661.2	3597.8	3610.3	3592.0	3580.3	3536.1
7.5°	3772.9	3715.4	3709.5	3744.6	3692.0	3686.2	3616.1	3616.1	3582.8	3553.6	3511.9
10°	3833.0	3773.8	3766.3	3792.9	3727.9	3708.7	3623.6	3610.3	3566.1	3522.7	3477.7
12.5°	3878.0	3818.0	3812.1	3828.8	3755.4	3720.4	3623.6	3597.8	3532.7	3471.9	3436.8
15°	3920.5	3858.8	3843.0	3851.3	3767.1	3720.4	3612.0	3571.9	3488.5	3408.5	3367.6
17.5°	3950.6	3891.4	3875.5	3874.7	3772.9	3706.2	3586.9	3531.9	3431.8	3335.1	3294.2
20°	3980.6	3921.4	3901.4	3886.3	3771.3	3687.0	3550.3	3476.0	3359.3	3250.9	3216.7
22.5°	3995.6	3934.7	3913.0	3890.5	3760.4	3652.0	3505.2	3411.0	3277.5	3148.3	3119.9
25°	3998.1	3935.6	3912.2	3879.7	3738.7	3610.3	3446.8	3332.6	3183.3	3039.9	3015.7
27.5°	3991.4	3923.0	3899.7	3860.5	3706.2	3559.4	3377.6	3243.3	3083.2	2924.8	2898.9
30°	3968.1	3898.9	3876.3	3825.5	3660.3	3496.9	3301.7	3144.1	2972.3	2803.8	2781.3
32.5°	3921.4	3853.8	3835.5	3784.6	3610.3	3424.3	3213.3	3037.4	2849.7	2688.8	2655.4
35°	3853.0	3785.4	3773.8	3720.4	3540.2	3337.6	3116.6	2920.6	2719.6	2555.3	2522.8
37.5°	3763.8	3707.0	3689.5	3637.0	3457.7	3239.2	3005.7	2793.8	2587.0	2410.2	2390.2
40°	3651.2	3597.8	3584.4	3537.7	3361.8	3129.9	2885.6	2662.9	2450.2	2285.9	2257.6
42.5°	3522.7	3472.7	3465.2	3416.8	3243.3	3009.0	2755.5	2527.0	2307.6	2149.2	2120.8
45°	3376.8	3328.4	3326.7	3280.9	3114.1	2874.7	2618.7	2389.4	2168.3	2004.1	1989.0
47.5°	3215.8	3172.5	3172.5	3129.9	2969.8	2727.1	2477.8	2245.9	2028.2	1883.1	1856.4
50°	3040.7	2999.8	2987.3	2966.5	2810.5	2566.2	2329.3	2105.8	1889.8	1751.4	1725.5
52.5°	2853.9	2818.9	2827.2	2788.8	2637.9	2398.5	2179.2	1948.2	1750.5	1624.6	1598.7
55°	2657.1	2607.0	2614.5	2600.4	2457.7	2225.9	2010.7	1818.1	1613.8	1495.3	1471.1
57.5°	2452.7	2387.7	2414.4	2406.0	2265.9	2049.1	1856.4	1670.5	1477.8	1368.6	1345.2
60°	2243.4	2180.9	2208.4	2200.9	2069.1	1872.3	1697.1	1524.5	1342.7	1243.5	1220.1
62.5°	2028.2	1970.7	1995.7	1989.9	1868.9	1691.3	1538.7	1380.2	1206.8	1117.5	1095.9
65°	1811.4	1756.4	1778.9	1774.7	1663.0	1527.9	1376.1	1231.0	1070.0	992.4	970.8
67.5°	1589.6	1538.7	1559.5	1559.5	1457.0	1327.7	1212.6	1080.0	935.7	869.0	849.0
70°	1369.4	1321.9	1340.2	1338.5	1251.8	1146.7	1047.5	929.1	799.8	744.7	728.1
72.5°	1147.6	1105.9	1122.5	1120.9	1048.3	980.8	882.4	779.8	667.2	623.0	608.0
75°	932.4	893.2	909.0	907.4	848.2	784.8	718.9	633.8	537.1	506.2	491.2
77.5°	727.2	687.2	700.5	700.5	657.2	611.3	558.8	492.9	424.5	391.1	380.3
80°	530.4	511.2	504.6	505.4	476.2	446.2	419.5	356.1	306.1	283.6	276.0
82.5°	348.6	332.8	326.1	327.8	311.1	292.7	276.0	231.8	198.5	185.1	181.0
85°	185.1	173.5	167.6	171.8	168.5	158.5	150.1	120.1	99.2	94.2	91.7
87.5°	58.4	50.9	46.7	61.7	52.5	46.7	45.0	35.9	27.5	27.5	26.7
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°	3575.3	3575.3	3575.3	3575.3	3575.3	3575.3	3575.3	3575.3	3575.3	3575.3	3575.3
2.5°	3570.3	3570.3	3537.7	3530.2	3526.9	3531.1	3498.5	3492.7	3539.4	3523.6	3487.7
5°	3541.9	3540.2	3494.4	3486.0	3486.0	3481.0	3444.3	3436.0	3482.7	3469.4	3430.2
7.5°	3506.9	3501.9	3447.7	3441.8	3433.5	3430.2	3389.3	3383.5	3423.5	3415.1	3378.5
10°	3464.4	3459.4	3395.1	3391.0	3381.8	3375.1	3336.8	3332.6	3373.5	3360.1	3330.9
12.5°	3408.5	3399.3	3333.4	3329.2	3321.7	3319.2	3281.7	3280.0	3325.1	3311.7	3280.9
15°	3335.1	3327.6	3254.2	3255.9	3256.7	3256.7	3226.7	3225.0	3269.2	3263.4	3230.0
17.5°	3254.2	3244.2	3174.1	3179.1	3185.0	3191.6	3168.3	3172.5	3219.2	3211.7	3181.6
20°	3162.5	3152.4	3084.1	3098.2	3110.7	3124.1	3109.1	3120.8	3164.1	3160.8	3138.3
22.5°	3059.9	3049.9	2986.5	3008.2	3029.0	3054.0	3047.4	3060.7	3106.6	3105.7	3085.7
25°	2934.8	2937.3	2881.4	2908.1	2943.1	2978.1	2980.6	3002.3	3053.2	3048.2	3029.9
27.5°	2818.0	2821.4	2762.1	2807.2	2853.9	2898.9	2909.8	2939.8	2991.5	2987.3	2971.5
30°	2695.4	2699.6	2642.0	2703.8	2760.5	2815.5	2838.9	2879.7	2932.3	2932.3	2915.6
32.5°	2567.8	2575.3	2515.3	2597.8	2663.7	2727.9	2768.8	2811.3	2871.4	2869.7	2855.5
35°	2436.9	2445.2	2390.2	2495.3	2561.2	2639.5	2690.4	2747.1	2800.5	2801.3	2790.5
37.5°	2303.5	2313.5	2263.4	2378.5	2453.6	2546.1	2611.2	2667.9	2727.1	2730.5	2720.4
40°	2170.9	2181.7	2138.3	2249.2	2344.3	2447.7	2522.8	2589.5	2654.6	2656.2	2649.6
42.5°	2038.2	2049.9	2017.4	2125.8	2233.4	2344.3	2432.7	2508.6	2575.3	2579.5	2572.0
45°	1909.0	1919.0	1895.6	2014.1	2117.5	2238.4	2340.1	2426.0	2493.6	2499.4	2496.9
47.5°	1780.5	1789.7	1768.9	1877.3	1996.5	2125.0	2242.6	2337.6	2409.4	2416.0	2414.4
50°	1654.6	1662.1	1639.6	1753.0	1871.5	2008.2	2130.8	2240.9	2321.0	2327.6	2326.8
52.5°	1529.5	1537.0	1517.8	1637.1	1744.7	1889.0	2022.4	2141.7	2220.9	2230.9	2232.6
55°	1408.6	1411.9	1396.9	1511.2	1615.4	1766.4	1919.8	2035.7	2115.0	2123.3	2128.3
57.5°	1287.7	1288.5	1276.0	1385.2	1485.3	1639.6	1800.6	1922.3	1997.4	2005.7	2013.2
60°	1167.6	1166.7	1152.6	1258.5	1354.4	1507.0	1674.6	1795.6	1868.1	1875.6	1885.6
62.5°	1048.3	1045.8	1033.3	1130.9	1220.9	1371.9	1540.4	1657.1	1726.3	1731.3	1744.7
65°	929.9	927.4	915.7	1005.8	1087.5	1231.8	1396.9	1507.8	1570.4	1577.1	1574.6
67.5°	813.1	808.1	799.0	879.8	954.1	1087.5	1246.0	1351.9	1403.6	1409.4	1425.3
70°	696.4	690.5	669.7	755.6	820.6	939.9	1087.5	1181.8	1225.1	1231.0	1228.5
72.5°	581.3	575.4	552.9	632.2	687.2	791.4	923.2	1001.6	1039.1	1044.1	1044.1
75°	469.5	466.2	452.0	512.1	557.9	643.0	754.8	819.8	849.0	854.8	853.2
77.5°	361.9	359.4	345.3	397.0	432.8	496.2	586.3	637.2	658.8	665.5	679.7
80°	259.4	258.5	236.0	286.9	302.7	356.1	422.0	461.2	472.9	482.0	492.0
82.5°	166.0	166.8	144.3	187.6	194.3	228.5	269.4	293.6	301.9	309.4	316.9
85°	80.9	84.2	71.7	99.2	100.1	117.6	135.1	144.3	147.6	153.5	160.1
87.5°	20.8	24.2	13.3	28.4	25.0	32.5	37.5	40.0	39.2	43.4	45.9
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):

	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°	285°
0°	3575.3	3575.3	3575.3	3575.3	3575.3	3575.3	3575.3	3575.3	3575.3	3575.3	3575.3
2.5°	3499.4	3526.1	3512.7	3556.1	3572.8	3546.1	3592.8	3593.6	3560.3	3599.5	3621.1
5°	3445.2	3472.7	3464.4	3509.4	3530.2	3506.9	3563.6	3574.4	3541.9	3586.1	3621.1
7.5°	3390.1	3422.7	3411.8	3457.7	3482.7	3464.4	3525.2	3542.7	3517.7	3566.1	3612.8
10°	3342.6	3370.1	3358.4	3406.8	3428.5	3413.5	3473.5	3506.1	3482.7	3541.9	3597.8
12.5°	3295.9	3318.4	3305.1	3345.1	3365.9	3346.8	3420.2	3450.2	3433.5	3495.2	3566.9
15°	3235.8	3260.9	3242.5	3278.4	3294.2	3277.5	3337.6	3389.3	3368.4	3436.0	3515.2
17.5°	3190.0	3204.2	3179.1	3207.5	3216.7	3194.1	3255.0	3305.9	3290.9	3364.3	3456.0
20°	3139.1	3150.8	3115.8	3131.6	3130.8	3102.4	3158.3	3208.3	3198.3	3279.2	3383.5
22.5°	3082.4	3088.2	3047.4	3050.7	3049.0	3002.3	3052.4	3103.2	3099.1	3180.8	3297.6
25°	3022.3	3023.2	2970.6	2969.0	2950.6	2895.6	2939.8	2997.3	2984.8	3073.2	3195.8
27.5°	2963.1	2954.8	2891.4	2876.4	2847.2	2781.3	2820.5	2872.2	2864.7	2951.5	3087.4
30°	2899.7	2888.9	2811.3	2783.8	2741.3	2665.4	2697.9	2746.3	2750.5	2826.4	2969.0
32.5°	2839.7	2812.2	2726.3	2686.3	2632.9	2544.5	2562.0	2611.2	2617.9	2694.6	2841.4
35°	2762.1	2743.8	2637.9	2569.5	2517.0	2420.2	2438.6	2472.8	2482.8	2557.8	2707.1
37.5°	2688.8	2659.6	2547.0	2463.6	2396.0	2294.3	2299.3	2334.3	2344.3	2420.2	2567.8
40°	2612.9	2571.2	2450.2	2352.7	2275.1	2168.3	2162.5	2199.2	2206.7	2280.9	2414.4
42.5°	2532.0	2481.9	2346.0	2239.2	2150.0	2041.6	2029.9	2061.6	2069.9	2142.5	2273.4
45°	2450.2	2390.2	2239.2	2122.5	2024.9	1914.0	1902.3	1926.5	1939.0	2007.4	2133.3
47.5°	2363.5	2293.4	2129.2	1999.1	1898.1	1787.2	1773.0	1797.2	1807.2	1874.8	1994.0
50°	2272.6	2187.5	2015.7	1872.3	1772.2	1663.0	1642.1	1670.5	1679.6	1743.0	1859.8
52.5°	2172.5	2078.3	1894.8	1744.7	1644.6	1540.4	1515.3	1542.9	1553.7	1615.4	1723.0
55°	2066.6	1964.9	1773.0	1627.1	1518.7	1416.9	1396.1	1406.9	1430.3	1488.7	1588.7
57.5°	1947.3	1846.4	1644.6	1496.2	1391.9	1294.3	1276.8	1286.8	1308.5	1365.2	1455.3
60°	1820.6	1713.8	1513.7	1365.2	1264.3	1171.7	1155.9	1165.1	1188.4	1240.1	1323.5
62.5°	1695.5	1575.4	1378.6	1231.0	1139.2	1053.3	1049.1	1045.8	1067.5	1117.5	1190.9
65°	1543.7	1428.6	1237.6	1097.5	1014.1	936.6	919.9	927.4	948.2	994.1	1070.8
67.5°	1381.1	1276.8	1093.3	964.1	889.9	820.6	806.5	809.8	831.5	871.5	938.2
70°	1208.4	1116.7	945.7	829.8	767.3	702.2	693.0	693.9	714.7	749.7	808.1
72.5°	1027.5	944.9	796.5	697.2	645.5	598.8	590.5	580.5	599.6	629.7	679.7
75°	843.2	770.6	648.0	567.1	526.2	487.0	479.5	469.5	488.7	514.6	553.8
77.5°	657.2	598.8	503.7	441.2	409.5	380.3	373.6	362.8	382.0	401.1	432.0
80°	475.4	432.8	376.1	310.2	299.4	280.2	273.5	261.9	280.2	292.7	316.1
82.5°	306.9	278.5	246.0	200.2	198.5	184.3	181.0	167.6	184.3	191.8	209.3
85°	155.1	141.8	133.4	101.7	105.1	95.9	95.1	80.9	94.2	97.6	107.6
87.5°	44.2	46.7	41.7	25.0	31.7	30.0	30.0	21.7	30.0	30.0	34.2
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: P837784

CATALOG NUMBER: ORLG-12-4-INS-ASY2R-LD4-3HI-27-120-EDD-90

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	3575.3	3575.3	3575.3	3575.3	3575.3	3575.3	3575.3	3575.3
2.5°	3578.6	3592.8	3596.1	3595.3	3604.5	3654.5	3637.8	3654.5
5°	3586.9	3618.6	3627.0	3638.7	3653.7	3710.4	3692.0	3712.0
7.5°	3592.0	3639.5	3657.8	3680.4	3704.5	3767.9	3752.9	3772.9
10°	3592.0	3653.7	3680.4	3717.9	3750.4	3823.8	3809.6	3833.0
12.5°	3576.9	3656.2	3693.7	3746.2	3787.9	3867.2	3861.3	3878.0
15°	3546.1	3643.7	3695.4	3762.9	3814.6	3903.0	3900.5	3920.5
17.5°	3504.4	3622.0	3684.5	3769.6	3834.6	3933.9	3939.7	3950.6
20°	3451.8	3581.1	3662.8	3767.1	3848.8	3958.1	3965.6	3980.6
22.5°	3382.6	3531.9	3630.3	3756.2	3850.5	3968.1	3981.4	3995.6
25°	3300.9	3472.7	3587.8	3735.4	3842.1	3967.2	3985.6	3998.1
27.5°	3207.5	3396.0	3533.6	3702.0	3818.8	3953.9	3976.4	3991.4
30°	3099.1	3314.2	3471.9	3658.7	3787.1	3928.9	3953.1	3968.1
32.5°	2987.3	3224.2	3398.5	3602.8	3741.2	3888.8	3909.7	3921.4
35°	2865.6	3114.9	3310.1	3531.1	3682.0	3824.6	3840.5	3853.0
37.5°	2733.0	2996.5	3209.2	3450.2	3598.6	3735.4	3749.6	3763.8
40°	2596.2	2872.2	3095.7	3350.9	3499.4	3626.1	3641.2	3651.2
42.5°	2458.6	2734.6	2974.8	3234.2	3381.8	3503.6	3512.7	3522.7
45°	2319.3	2592.0	2838.9	3104.9	3250.9	3365.1	3368.4	3376.8
47.5°	2177.5	2444.4	2689.6	2957.3	3101.6	3205.8	3209.2	3215.8
50°	2034.9	2296.8	2530.3	2798.0	2938.9	3049.0	3034.0	3040.7
52.5°	1894.8	2141.7	2380.2	2626.2	2765.5	2863.1	2867.2	2853.9
55°	1757.2	1989.9	2209.2	2446.1	2578.7	2654.6	2652.1	2657.1
57.5°	1617.9	1836.4	2037.4	2254.2	2383.5	2455.2	2470.2	2452.7
60°	1476.1	1681.3	1861.4	2057.4	2182.5	2242.6	2260.1	2243.4
62.5°	1335.2	1523.7	1687.1	1858.1	1974.0	2048.3	2046.6	2028.2
65°	1194.3	1365.2	1511.2	1656.3	1757.2	1831.4	1828.1	1811.4
67.5°	1064.2	1205.1	1336.0	1453.6	1541.2	1592.1	1609.6	1589.6
70°	920.7	1042.5	1157.6	1251.8	1324.4	1370.2	1386.9	1369.4
72.5°	777.3	880.7	961.6	1052.5	1108.4	1146.7	1164.2	1147.6
75°	635.5	720.6	786.4	857.3	896.5	929.1	949.1	932.4
77.5°	497.9	563.8	616.3	668.0	713.1	720.6	738.1	727.2
80°	367.0	414.5	452.9	487.0	519.6	522.9	537.1	530.4
82.5°	244.4	276.0	286.1	321.9	342.8	339.4	353.6	348.6
85°	129.3	148.4	166.0	176.8	188.5	177.6	190.1	185.1
87.5°	43.4	45.9	40.0	56.7	62.5	53.4	60.9	58.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)