

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: P838156

Luminaire Tested: **ORLG-24-4-INS-ASY2R-LD4-4HI-20-120-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: P838156
Test Lab: INNOVATION CENTER(G2)
Issue Date: 5/21/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: ORLG-24-4-INS-ASY2R-LD4-4HI-20-120-EDD-90
Description: 2FT x 4FT ORL LED LUMINAIRE WITH asymmetric/symmetric lens v2 and RFI grid
Light Source: 2000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

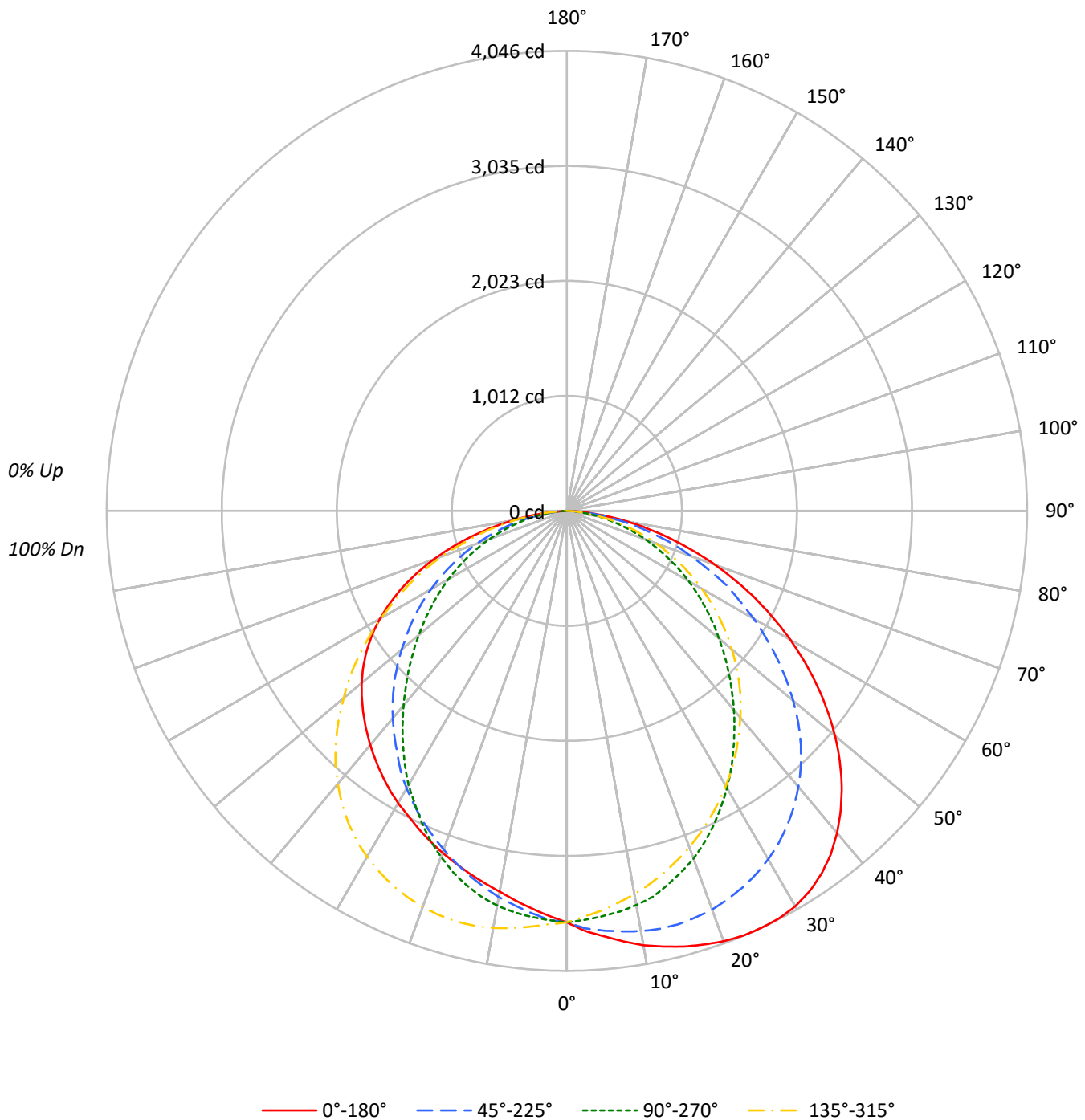
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10615.8 lumens
Efficiency: N/A
Efficacy: 60.3 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.16 / 1.4
Luminous Opening: Rectangular (W 2' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 176
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°	4869	4869	4869	4869
5°	5074	4833	4742	4841
10°	5300	4809	4646	4816
15°	5527	4747	4601	4749
20°	5768	4661	4580	4635
25°	6007	4531	4580	4485
30°	6239	4373	4611	4325
35°	6405	4194	4657	4127
40°	6490	4013	4722	3923
45°	6503	3830	4813	3734
50°	6441	3655	4931	3558
55°	6308	3493	5041	3396
60°	6110	3323	5108	3236
65°	5836	3128	5082	3055
70°	5452	2899	4901	2845
75°	4905	2584	4497	2571
80°	4159	2165	3780	2197
85°	2893	1433	2397	1473

Classified

Scaled Data Report

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	343.5	3.2
10°-20°	994.8	9.4
20°-30°	1524.6	14.4
30°-40°	1853.8	17.5
40°-50°	1927.1	18.2
50°-60°	1740.8	16.4
60°-70°	1323.4	12.5
70°-80°	737.8	7.0
80°-90°	169.9	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°	2862.9	27.0
0°-40°	4716.7	44.4
0°-60°	8384.6	79.0
0°-90°	10615.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10615.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3618	3618	3618	3618	3618	
5°	3757	3579	3511	3585	3757	362
15°	3968	3408	3303	3409	3968	1125
25°	4046	3052	3085	3021	4046	1869
35°	3899	2553	2835	2513	3899	2435
45°	3418	2013	2530	1962	3418	2631
55°	2689	1489	2149	1448	2689	2401
65°	1833	982	1596	960	1833	1812
75°	944	497	865	495	944	1002
85°	187	93	155	95	187	236
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°	3618.4	3618.4	3618.4	3618.4	3618.4	3618.4	3618.4	3618.4	3618.4	3618.4	3618.4
2.5°	3698.5	3644.5	3645.4	3692.6	3656.3	3674.1	3623.4	3642.8	3636.9	3641.1	3599.8
5°	3756.8	3698.5	3697.7	3738.2	3697.7	3705.3	3641.1	3653.8	3635.2	3623.4	3578.7
7.5°	3818.4	3760.2	3754.2	3789.7	3736.5	3730.6	3659.7	3659.7	3626.0	3596.4	3554.2
10°	3879.2	3819.2	3811.6	3838.7	3772.8	3753.4	3667.3	3653.8	3609.1	3565.2	3519.6
12.5°	3924.7	3864.0	3858.1	3874.9	3800.7	3765.2	3667.3	3641.1	3575.3	3513.7	3478.2
15°	3967.8	3905.3	3889.3	3897.7	3812.5	3765.2	3655.5	3615.0	3530.6	3449.6	3408.2
17.5°	3998.2	3938.2	3922.2	3921.4	3818.4	3750.9	3630.2	3574.5	3473.2	3375.3	3333.9
20°	4028.6	3968.6	3948.4	3933.2	3816.7	3731.5	3593.0	3517.9	3399.8	3290.0	3255.4
22.5°	4043.8	3982.1	3960.2	3937.4	3805.7	3696.0	3547.5	3452.1	3317.0	3186.2	3157.5
25°	4046.3	3983.0	3959.3	3926.4	3783.8	3653.8	3488.4	3372.7	3221.7	3076.5	3052.0
27.5°	4039.5	3970.3	3946.7	3907.0	3750.9	3602.3	3418.3	3282.4	3120.4	2960.0	2933.9
30°	4015.9	3945.8	3923.1	3871.6	3704.5	3539.0	3341.5	3182.0	3008.1	2837.6	2814.8
32.5°	3968.6	3900.3	3881.7	3830.2	3653.8	3465.6	3252.0	3074.0	2884.1	2721.2	2687.4
35°	3899.4	3831.1	3819.2	3765.2	3582.9	3377.8	3154.1	2955.8	2752.4	2586.1	2553.2
37.5°	3809.1	3751.7	3734.0	3680.8	3499.4	3278.2	3041.9	2827.5	2618.2	2439.2	2419.0
40°	3695.2	3641.1	3627.6	3580.4	3402.3	3167.6	2920.3	2695.0	2479.8	2313.5	2284.8
42.5°	3565.2	3514.5	3506.9	3458.0	3282.4	3045.3	2788.7	2557.4	2335.4	2175.1	2146.4
45°	3417.5	3368.5	3366.8	3320.4	3151.6	2909.4	2650.3	2418.1	2194.5	2028.2	2013.0
47.5°	3254.6	3210.7	3210.7	3167.6	3005.6	2760.0	2507.6	2273.0	2052.7	1905.8	1878.8
50°	3077.3	3036.0	3023.3	3002.2	2844.4	2597.1	2357.4	2131.2	1912.6	1772.5	1746.3
52.5°	2888.3	2852.8	2861.3	2822.4	2669.7	2427.4	2205.5	1971.7	1771.6	1644.2	1618.0
55°	2689.1	2638.4	2646.0	2631.7	2487.4	2252.7	2035.0	1840.0	1633.2	1513.3	1488.9
57.5°	2482.3	2416.5	2443.5	2435.0	2293.2	2073.8	1878.8	1690.6	1495.6	1385.1	1361.4
60°	2270.4	2207.1	2235.0	2227.4	2094.0	1894.8	1717.6	1542.9	1358.9	1258.4	1234.8
62.5°	2052.7	1994.4	2019.8	2013.9	1891.5	1711.7	1557.2	1396.9	1221.3	1131.0	1109.1
65°	1833.2	1777.5	1800.3	1796.1	1683.0	1546.3	1392.7	1245.8	1082.9	1004.4	982.5
67.5°	1608.7	1557.2	1578.3	1578.3	1474.5	1343.7	1227.2	1093.0	947.0	879.5	859.2
70°	1385.9	1337.8	1356.4	1354.7	1266.9	1160.5	1060.1	940.3	809.4	753.7	736.8
72.5°	1161.4	1119.2	1136.1	1134.4	1060.9	992.6	893.0	789.2	675.2	630.5	615.3
75°	943.6	904.0	920.0	918.3	858.4	794.2	727.6	641.5	543.6	512.3	497.1
77.5°	736.0	695.5	709.0	709.0	665.1	618.7	565.5	498.8	429.6	395.9	384.9
80°	536.8	517.4	510.6	511.5	481.9	451.6	424.5	360.4	309.8	287.0	279.4
82.5°	352.8	336.8	330.0	331.7	314.8	296.3	279.4	234.6	200.9	187.4	183.2
85°	187.4	175.6	169.7	173.9	170.5	160.4	151.9	121.5	100.4	95.4	92.8
87.5°	59.1	51.5	47.3	62.5	53.2	47.3	45.6	36.3	27.9	27.9	27.0
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°	3618.4	3618.4	3618.4	3618.4	3618.4	3618.4	3618.4	3618.4	3618.4	3618.4	3618.4
2.5°	3613.3	3613.3	3580.4	3572.8	3569.4	3573.6	3540.7	3534.8	3582.1	3566.0	3529.7
5°	3584.6	3582.9	3536.5	3528.0	3528.0	3523.0	3485.8	3477.4	3524.7	3511.2	3471.5
7.5°	3549.1	3544.1	3489.2	3483.3	3474.9	3471.5	3430.1	3424.2	3464.7	3456.3	3419.2
10°	3506.1	3501.0	3436.0	3431.8	3422.5	3415.8	3377.0	3372.7	3414.1	3400.6	3371.1
12.5°	3449.6	3440.3	3373.6	3369.4	3361.8	3359.2	3321.3	3319.6	3365.1	3351.6	3320.4
15°	3375.3	3367.7	3293.4	3295.1	3295.9	3295.9	3265.6	3263.9	3308.6	3302.7	3268.9
17.5°	3293.4	3283.3	3212.4	3217.4	3223.4	3230.1	3206.5	3210.7	3258.0	3250.4	3220.0
20°	3200.6	3190.4	3121.2	3135.6	3148.2	3161.7	3146.5	3158.4	3202.3	3198.9	3176.1
22.5°	3096.7	3086.6	3022.5	3044.4	3065.5	3090.8	3084.1	3097.6	3144.0	3143.2	3122.9
25°	2970.1	2972.7	2916.1	2943.1	2978.6	3014.0	3016.6	3038.5	3090.0	3084.9	3066.4
27.5°	2852.0	2855.4	2795.4	2841.0	2888.3	2933.9	2944.8	2975.2	3027.5	3023.3	3007.3
30°	2727.9	2732.1	2673.9	2736.3	2793.7	2849.4	2873.1	2914.4	2967.6	2967.6	2950.7
32.5°	2598.8	2606.4	2545.6	2629.2	2695.8	2760.8	2802.2	2845.2	2906.0	2904.3	2890.0
35°	2466.3	2474.7	2419.0	2525.3	2592.0	2671.4	2722.8	2780.2	2834.3	2835.1	2824.1
37.5°	2331.2	2341.3	2290.7	2407.2	2483.1	2576.8	2642.7	2700.1	2760.0	2763.4	2753.2
40°	2197.0	2208.0	2164.1	2276.4	2372.6	2477.2	2553.2	2620.7	2686.5	2688.2	2681.5
42.5°	2062.8	2074.6	2041.7	2151.4	2260.3	2372.6	2462.0	2538.8	2606.4	2610.6	2603.0
45°	1932.0	1942.1	1918.5	2038.3	2143.0	2265.4	2368.3	2455.3	2523.7	2529.6	2527.0
47.5°	1802.0	1811.3	1790.2	1899.9	2020.6	2150.6	2269.6	2365.8	2438.4	2445.2	2443.5
50°	1674.6	1682.2	1659.4	1774.2	1894.0	2032.4	2156.5	2267.9	2348.9	2355.7	2354.8
52.5°	1548.0	1555.5	1536.1	1656.8	1765.7	1911.7	2046.8	2167.5	2247.7	2257.8	2259.5
55°	1425.6	1428.9	1413.8	1529.4	1634.9	1787.7	1943.0	2060.3	2140.5	2148.9	2154.0
57.5°	1303.2	1304.0	1291.4	1401.9	1503.2	1659.4	1822.3	1945.5	2021.5	2029.9	2037.5
60°	1181.6	1180.8	1166.5	1273.6	1370.7	1525.2	1694.8	1817.2	1890.6	1898.2	1908.4
62.5°	1060.9	1058.4	1045.8	1144.5	1235.7	1388.4	1558.9	1677.1	1747.1	1752.2	1765.7
65°	941.1	938.6	926.7	1017.9	1100.6	1246.6	1413.8	1526.0	1589.3	1596.1	1593.5
67.5°	822.9	817.9	808.6	890.5	965.6	1100.6	1261.0	1368.2	1420.5	1426.4	1442.4
70°	704.8	698.9	677.8	764.7	830.5	951.2	1100.6	1196.0	1239.9	1245.8	1243.3
72.5°	588.3	582.4	559.6	639.8	695.5	801.0	934.3	1013.7	1051.7	1056.7	1056.7
75°	475.2	471.8	457.5	518.2	564.7	650.7	763.8	829.7	859.2	865.1	863.4
77.5°	366.3	363.8	349.4	401.8	438.1	502.2	593.4	644.8	666.8	673.5	687.9
80°	262.5	261.6	238.9	290.3	306.4	360.4	427.1	466.7	478.6	487.8	498.0
82.5°	168.0	168.8	146.0	189.9	196.7	231.3	272.6	297.1	305.5	313.1	320.7
85°	81.9	85.2	72.6	100.4	101.3	119.0	136.7	146.0	149.4	155.3	162.1
87.5°	21.1	24.5	13.5	28.7	25.3	32.9	38.0	40.5	39.7	43.9	46.4
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°	3618.4	3618.4	3618.4	3618.4	3618.4	3618.4	3618.4	3618.4	3618.4	3618.4	3618.4
2.5°	3541.6	3568.6	3555.1	3598.9	3615.8	3588.8	3636.1	3636.9	3603.2	3642.8	3664.8
5°	3486.7	3514.5	3506.1	3551.7	3572.8	3549.1	3606.5	3617.5	3584.6	3629.3	3664.8
7.5°	3431.0	3463.9	3452.9	3499.4	3524.7	3506.1	3567.7	3585.4	3560.1	3609.1	3656.3
10°	3382.9	3410.7	3398.9	3447.9	3469.8	3454.6	3515.4	3548.3	3524.7	3584.6	3641.1
12.5°	3335.6	3358.4	3344.9	3385.4	3406.5	3387.1	3461.4	3491.8	3474.9	3537.3	3609.9
15°	3274.8	3300.2	3281.6	3317.9	3333.9	3317.0	3377.8	3430.1	3409.0	3477.4	3557.6
17.5°	3228.4	3242.8	3217.4	3246.1	3255.4	3232.6	3294.3	3345.7	3330.5	3404.8	3497.7
20°	3176.9	3188.7	3153.3	3169.3	3168.5	3139.8	3196.3	3247.0	3236.9	3318.7	3424.2
22.5°	3119.5	3125.4	3084.1	3087.5	3085.8	3038.5	3089.2	3140.6	3136.4	3219.1	3337.3
25°	3058.8	3059.6	3006.4	3004.7	2986.2	2930.5	2975.2	3033.4	3020.8	3110.3	3234.3
27.5°	2998.8	2990.4	2926.3	2911.1	2881.5	2814.8	2854.5	2906.8	2899.2	2987.0	3124.6
30°	2934.7	2923.7	2845.2	2817.4	2774.3	2697.5	2730.4	2779.4	2783.6	2860.4	3004.7
32.5°	2873.9	2846.1	2759.1	2718.6	2664.6	2575.1	2592.9	2642.7	2649.4	2727.1	2875.6
35°	2795.4	2776.9	2669.7	2600.5	2547.3	2449.4	2467.9	2502.6	2512.7	2588.6	2739.7
37.5°	2721.2	2691.6	2577.7	2493.3	2424.9	2321.9	2327.0	2362.4	2372.6	2449.4	2598.8
40°	2644.3	2602.1	2479.8	2381.0	2302.5	2194.5	2188.6	2225.7	2233.3	2308.4	2443.5
42.5°	2562.5	2511.8	2374.3	2266.2	2175.9	2066.2	2054.4	2086.4	2094.9	2168.3	2300.8
45°	2479.8	2419.0	2266.2	2148.1	2049.3	1937.1	1925.2	1949.7	1962.4	2031.6	2159.0
47.5°	2392.0	2321.1	2154.8	2023.1	1921.0	1808.8	1794.4	1818.9	1829.0	1897.4	2018.1
50°	2300.0	2213.9	2040.0	1894.8	1793.6	1683.0	1661.9	1690.6	1699.9	1764.0	1882.2
52.5°	2198.7	2103.3	1917.6	1765.7	1664.4	1558.9	1533.6	1561.5	1572.4	1634.9	1743.8
55°	2091.5	1988.5	1794.4	1646.7	1537.0	1434.0	1412.9	1423.9	1447.5	1506.6	1607.9
57.5°	1970.8	1868.7	1664.4	1514.2	1408.7	1309.9	1292.2	1302.3	1324.3	1381.7	1472.8
60°	1842.5	1734.5	1531.9	1381.7	1279.6	1185.9	1169.8	1179.1	1202.7	1255.1	1339.5
62.5°	1715.9	1594.4	1395.2	1245.8	1152.9	1066.0	1061.8	1058.4	1080.4	1131.0	1205.3
65°	1562.3	1445.8	1252.5	1110.7	1026.3	947.8	931.0	938.6	959.7	1006.1	1083.7
67.5°	1397.7	1292.2	1106.5	975.7	900.6	830.5	816.2	819.6	841.5	882.0	949.5
70°	1223.0	1130.2	957.1	839.8	776.5	710.7	701.4	702.2	723.3	758.8	817.9
72.5°	1039.8	956.3	806.0	705.6	653.3	606.0	597.6	587.4	606.9	637.2	687.9
75°	853.3	779.9	655.8	573.9	532.6	492.9	485.3	475.2	494.6	520.8	560.4
77.5°	665.1	606.0	509.8	446.5	414.4	384.9	378.1	367.2	386.6	406.0	437.2
80°	481.1	438.1	380.7	314.0	303.0	283.6	276.8	265.0	283.6	296.3	319.9
82.5°	310.6	281.9	249.0	202.6	200.9	186.5	183.2	169.7	186.5	194.1	211.9
85°	157.0	143.5	135.0	103.0	106.3	97.1	96.2	81.9	95.4	98.8	108.9
87.5°	44.7	47.3	42.2	25.3	32.1	30.4	30.4	21.9	30.4	30.4	34.6
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: P838156

CATALOG NUMBER: ORLG-24-4-INS-ASY2R-LD4-4HI-20-120-EDD-90

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	3618.4	3618.4	3618.4	3618.4	3618.4	3618.4	3618.4	3618.4
2.5°	3621.7	3636.1	3639.5	3638.6	3647.9	3698.5	3681.7	3698.5
5°	3630.2	3662.2	3670.7	3682.5	3697.7	3755.1	3736.5	3756.8
7.5°	3635.2	3683.3	3701.9	3724.7	3749.2	3813.3	3798.1	3818.4
10°	3635.2	3697.7	3724.7	3762.7	3795.6	3869.9	3855.5	3879.2
12.5°	3620.0	3700.2	3738.2	3791.4	3833.6	3913.8	3907.9	3924.7
15°	3588.8	3687.6	3739.9	3808.3	3860.6	3950.1	3947.5	3967.8
17.5°	3546.6	3665.6	3728.9	3815.0	3880.9	3981.3	3987.2	3998.2
20°	3493.4	3624.3	3707.0	3812.5	3895.2	4005.8	4013.4	4028.6
22.5°	3423.4	3574.5	3674.1	3801.5	3896.9	4015.9	4029.4	4043.8
25°	3340.7	3514.5	3631.0	3780.4	3888.4	4015.1	4033.6	4046.3
27.5°	3246.1	3436.9	3576.2	3746.7	3864.8	4001.5	4024.3	4039.5
30°	3136.4	3354.2	3513.7	3702.8	3832.7	3976.2	4000.7	4015.9
32.5°	3023.3	3263.0	3439.4	3646.2	3786.3	3935.7	3956.8	3968.6
35°	2900.1	3152.5	3350.0	3573.6	3726.4	3870.7	3886.8	3899.4
37.5°	2765.9	3032.6	3247.8	3491.8	3642.0	3780.4	3794.8	3809.1
40°	2627.5	2906.8	3133.0	3391.3	3541.6	3669.8	3685.0	3695.2
42.5°	2488.2	2767.6	3010.7	3273.2	3422.5	3545.8	3555.1	3565.2
45°	2347.2	2623.2	2873.1	3142.3	3290.0	3405.7	3409.0	3417.5
47.5°	2203.8	2473.9	2722.0	2992.9	3138.9	3244.5	3247.8	3254.6
50°	2059.4	2324.5	2560.8	2831.7	2974.4	3085.8	3070.6	3077.3
52.5°	1917.6	2167.5	2408.9	2657.9	2798.8	2897.6	2901.8	2888.3
55°	1778.4	2013.9	2235.8	2475.5	2609.7	2686.5	2684.0	2689.1
57.5°	1637.4	1858.6	2062.0	2281.4	2412.2	2484.8	2500.0	2482.3
60°	1493.9	1701.6	1883.9	2082.2	2208.8	2269.6	2287.3	2270.4
62.5°	1351.3	1542.0	1707.5	1880.5	1997.8	2072.9	2071.3	2052.7
65°	1208.7	1381.7	1529.4	1676.2	1778.4	1853.5	1850.1	1833.2
67.5°	1077.0	1219.6	1352.1	1471.1	1559.8	1611.3	1629.0	1608.7
70°	931.8	1055.0	1171.5	1266.9	1340.3	1386.7	1403.6	1385.9
72.5°	786.6	891.3	973.2	1065.2	1121.7	1160.5	1178.3	1161.4
75°	643.2	729.2	795.9	867.7	907.3	940.3	960.5	943.6
77.5°	503.9	570.6	623.7	676.1	721.6	729.2	747.0	736.0
80°	371.4	419.5	458.3	492.9	525.8	529.2	543.6	536.8
82.5°	247.3	279.4	289.5	325.8	346.9	343.5	357.9	352.8
85°	130.8	150.2	168.0	178.9	190.8	179.8	192.4	187.4
87.5°	43.9	46.4	40.5	57.4	63.3	54.0	61.6	59.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)