

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: P838100

Luminaire Tested: **ORLG-24-4-INS-ASY2R-LD4-4LO-35-120-EDD**

Issue Date: 5/21/2024



Test Information

Test Method: LM-79-08
Report Number: P838100
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-LD4-4LO-35-120-EDD
Description: 2FT x 4FT ORL LED LUMINAIRE WITH asymmetric/symmetric lens v2 and
RFI grid
Light Source: 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

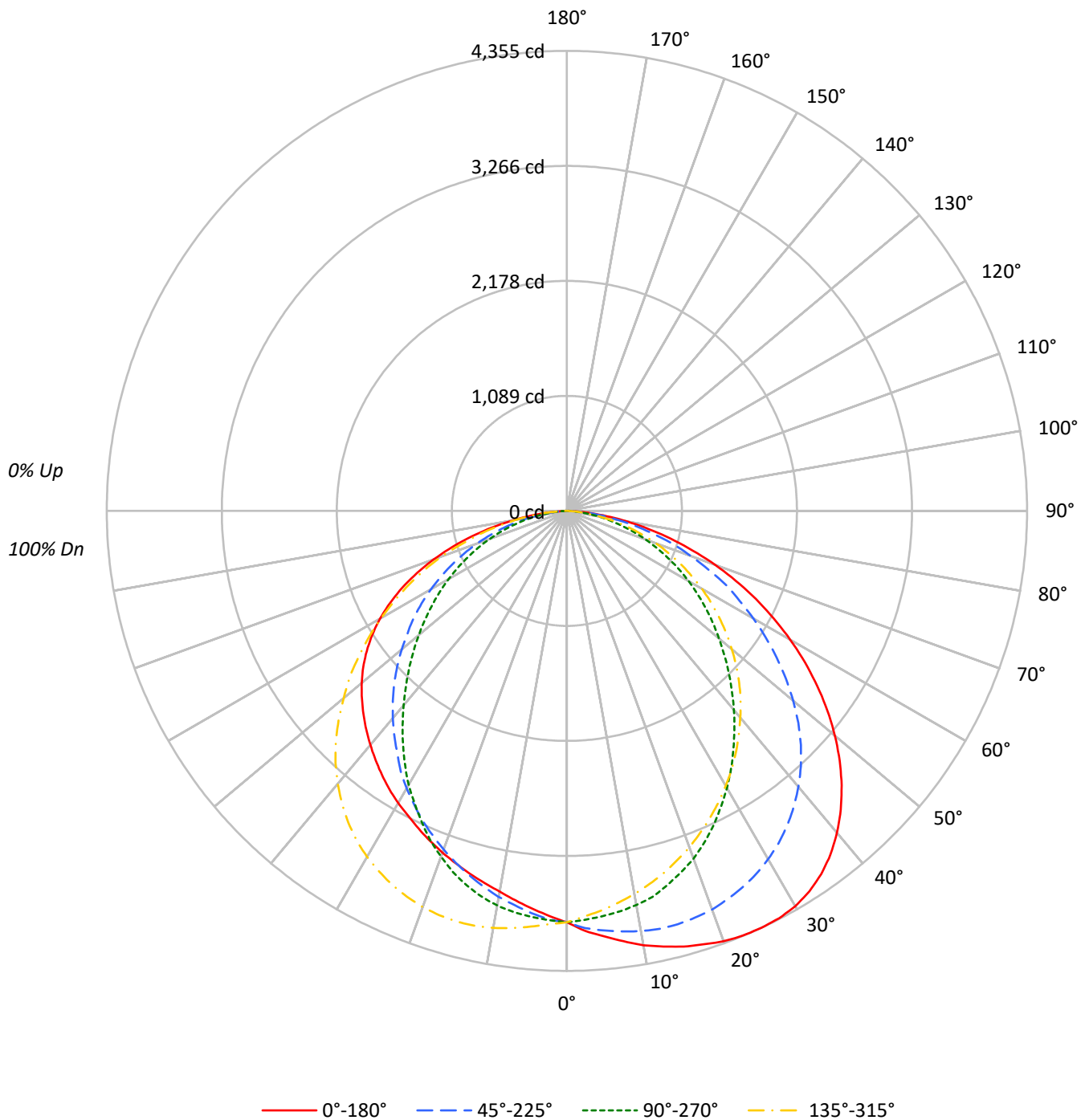
Lumens per Lamp: N/A
Luminaire Lumens: 11425.2 lumens
Efficiency: N/A
Efficacy: 122.1 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.16 / 1.4
Luminous Opening: Rectangular (W 2' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 93.6
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

Peachtree City, GA 30269



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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°	5240	5240	5240	5240
5°	5461	5202	5104	5211
10°	5704	5175	5000	5183
15°	5948	5109	4951	5111
20°	6208	5017	4930	4988
25°	6465	4876	4929	4827
30°	6715	4707	4962	4654
35°	6893	4514	5012	4442
40°	6985	4319	5082	4222
45°	6999	4122	5180	4019
50°	6933	3934	5307	3830
55°	6789	3759	5425	3655
60°	6575	3576	5498	3483
65°	6281	3366	5469	3288
70°	5868	3120	5275	3063
75°	5280	2781	4840	2767
80°	4476	2330	4068	2365
85°	3114	1542	2580	1584

Classified

Scaled Data Report

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	369.7	3.2
10°-20°	1070.7	9.4
20°-30°	1640.8	14.4
30°-40°	1995.1	17.5
40°-50°	2074.1	18.2
50°-60°	1873.5	16.4
60°-70°	1424.3	12.5
70°-80°	794.1	7.0
80°-90°	182.8	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°	3081.2	27.0
0°-40°	5076.4	44.4
0°-60°	9023.9	79.0
0°-90°	11425.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11425.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3894	3894	3894	3894	3894	
5°	4043	3852	3779	3858	4043	390
15°	4270	3668	3554	3669	4270	1211
25°	4355	3285	3320	3251	4355	2011
35°	4197	2748	3051	2704	4197	2621
45°	3678	2166	2722	2112	3678	2832
55°	2894	1602	2313	1558	2894	2584
65°	1973	1057	1718	1033	1973	1950
75°	1016	535	931	532	1016	1079
85°	202	100	167	103	202	254
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°	3894.2	3894.2	3894.2	3894.2	3894.2	3894.2	3894.2	3894.2	3894.2	3894.2	3894.2
2.5°	3980.5	3922.4	3923.3	3974.2	3935.1	3954.2	3899.7	3920.6	3914.2	3918.8	3874.3
5°	4043.2	3980.5	3979.6	4023.2	3979.6	3987.8	3918.8	3932.4	3912.4	3899.7	3851.5
7.5°	4109.5	4046.8	4040.5	4078.6	4021.4	4015.1	3938.7	3938.7	3902.4	3870.6	3825.2
10°	4174.9	4110.4	4102.3	4131.3	4060.5	4039.6	3946.9	3932.4	3884.2	3837.0	3788.0
12.5°	4224.0	4158.6	4152.2	4170.4	4090.4	4052.3	3946.9	3918.8	3847.9	3781.6	3743.4
15°	4270.3	4203.1	4185.8	4194.9	4103.2	4052.3	3934.2	3890.6	3799.8	3712.6	3668.0
17.5°	4303.0	4238.5	4221.3	4220.3	4109.5	4036.9	3907.0	3847.0	3738.0	3632.6	3588.1
20°	4335.7	4271.2	4249.4	4233.1	4107.7	4016.0	3867.0	3786.1	3659.0	3540.9	3503.6
22.5°	4352.1	4285.7	4262.1	4237.6	4095.9	3977.8	3817.9	3715.3	3569.9	3429.1	3398.3
25°	4354.8	4286.7	4261.2	4225.8	4072.3	3932.4	3754.3	3629.9	3467.3	3311.1	3284.7
27.5°	4347.5	4273.0	4247.6	4204.9	4036.9	3877.0	3678.9	3532.7	3358.3	3185.7	3157.5
30°	4322.1	4246.7	4222.2	4166.8	3986.9	3808.8	3596.3	3424.6	3237.5	3054.0	3029.5
32.5°	4271.2	4197.6	4177.7	4122.2	3932.4	3729.8	3500.0	3308.3	3103.9	2928.6	2892.3
35°	4196.7	4123.1	4110.4	4052.3	3856.1	3635.3	3394.6	3181.2	2962.2	2783.3	2747.9
37.5°	4099.5	4037.8	4018.7	3961.5	3766.2	3528.2	3273.8	3043.1	2817.8	2625.2	2603.4
40°	3976.9	3918.8	3904.2	3853.4	3661.7	3409.2	3143.0	2900.5	2668.8	2489.9	2459.0
42.5°	3837.0	3782.5	3774.3	3721.6	3532.7	3277.4	3001.3	2752.4	2513.5	2340.9	2310.0
45°	3678.0	3625.4	3623.5	3573.6	3391.9	3131.2	2852.3	2602.5	2361.8	2182.8	2166.5
47.5°	3502.7	3455.5	3455.5	3409.2	3234.8	2970.4	2698.8	2446.3	2209.2	2051.1	2022.1
50°	3312.0	3267.5	3253.8	3231.1	3061.2	2795.1	2537.1	2293.7	2058.4	1907.6	1879.4
52.5°	3108.5	3070.3	3079.4	3037.6	2873.2	2612.5	2373.6	2122.0	1906.7	1769.5	1741.4
55°	2894.1	2839.6	2847.8	2832.3	2677.0	2424.5	2190.1	1980.3	1757.7	1628.7	1602.4
57.5°	2671.6	2600.7	2629.8	2620.7	2468.1	2231.9	2022.1	1819.5	1609.7	1490.7	1465.2
60°	2443.5	2375.4	2405.4	2397.2	2253.7	2039.3	1848.6	1660.5	1462.5	1354.4	1329.0
62.5°	2209.2	2146.5	2173.8	2167.4	2035.7	1842.2	1676.0	1503.4	1314.4	1217.2	1193.6
65°	1973.0	1913.1	1937.6	1933.0	1811.3	1664.2	1498.8	1340.8	1165.5	1081.0	1057.4
67.5°	1731.4	1676.0	1698.7	1698.7	1586.9	1446.1	1320.8	1176.4	1019.2	946.5	924.7
70°	1491.6	1439.8	1459.8	1458.0	1363.5	1249.0	1140.9	1011.9	871.1	811.2	793.0
72.5°	1249.9	1204.5	1222.7	1220.9	1141.8	1068.3	961.1	849.3	726.7	678.6	662.2
75°	1015.6	972.9	990.1	988.3	923.8	854.8	783.0	690.4	585.0	551.4	535.0
77.5°	792.1	748.5	763.0	763.0	715.8	665.8	608.6	536.9	462.4	426.0	414.2
80°	577.7	556.8	549.6	550.5	518.7	486.0	456.9	387.9	333.4	308.9	300.7
82.5°	379.7	362.4	355.2	357.0	338.8	318.8	300.7	252.5	216.2	201.7	197.1
85°	201.7	188.9	182.6	187.1	183.5	172.6	163.5	130.8	108.1	102.6	99.9
87.5°	63.6	55.4	50.9	67.2	57.2	50.9	49.1	39.1	30.0	30.0	29.1
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°	3894.2	3894.2	3894.2	3894.2	3894.2	3894.2	3894.2	3894.2	3894.2	3894.2	3894.2
2.5°	3888.8	3888.8	3853.4	3845.2	3841.6	3846.1	3810.7	3804.3	3855.2	3837.9	3798.9
5°	3857.9	3856.1	3806.1	3797.0	3797.0	3791.6	3751.6	3742.5	3793.4	3778.9	3736.2
7.5°	3819.7	3814.3	3755.3	3748.9	3739.8	3736.2	3691.7	3685.3	3728.9	3719.8	3679.9
10°	3773.4	3768.0	3698.0	3693.5	3683.5	3676.2	3634.4	3629.9	3674.4	3659.9	3628.1
12.5°	3712.6	3702.6	3630.8	3626.3	3618.1	3615.4	3574.5	3572.7	3621.7	3607.2	3573.6
15°	3632.6	3624.4	3544.5	3546.3	3547.2	3547.2	3514.5	3512.7	3560.9	3554.5	3518.2
17.5°	3544.5	3533.6	3457.3	3462.8	3469.1	3476.4	3450.9	3455.5	3506.4	3498.2	3465.5
20°	3444.6	3433.7	3359.2	3374.6	3388.3	3402.8	3386.5	3399.2	3446.4	3442.8	3418.2
22.5°	3332.9	3322.0	3252.9	3276.5	3299.2	3326.5	3319.2	3333.8	3383.7	3382.8	3361.0
25°	3196.6	3199.3	3138.5	3167.5	3205.7	3243.8	3246.6	3270.2	3325.6	3320.1	3300.2
27.5°	3069.4	3073.1	3008.6	3057.6	3108.5	3157.5	3169.3	3202.0	3258.4	3253.8	3236.6
30°	2935.9	2940.4	2877.8	2945.0	3006.7	3066.7	3092.1	3136.6	3193.9	3193.9	3175.7
32.5°	2796.9	2805.1	2739.7	2829.6	2901.4	2971.3	3015.8	3062.2	3127.6	3125.7	3110.3
35°	2654.3	2663.4	2603.4	2717.9	2789.6	2875.0	2930.4	2992.2	3050.3	3051.3	3039.4
37.5°	2509.0	2519.9	2465.4	2590.7	2672.5	2773.3	2844.1	2905.9	2970.4	2974.0	2963.1
40°	2364.5	2376.3	2329.1	2449.9	2553.5	2666.1	2747.9	2820.5	2891.4	2893.2	2885.9
42.5°	2220.1	2232.8	2197.4	2315.5	2432.6	2553.5	2649.8	2732.4	2805.1	2809.6	2801.5
45°	2079.3	2090.2	2064.8	2193.7	2306.4	2438.1	2548.9	2642.5	2716.1	2722.4	2719.7
47.5°	1939.4	1949.4	1926.7	2044.8	2174.7	2314.6	2442.6	2546.2	2624.3	2631.6	2629.8
50°	1802.2	1810.4	1785.9	1909.4	2038.4	2187.4	2320.9	2440.8	2528.0	2535.3	2534.4
52.5°	1666.0	1674.1	1653.3	1783.2	1900.3	2057.5	2202.8	2332.7	2419.0	2429.9	2431.7
55°	1534.3	1537.9	1521.5	1646.0	1759.5	1924.0	2091.1	2217.4	2303.7	2312.7	2318.2
57.5°	1402.5	1403.5	1389.8	1508.8	1617.8	1785.9	1961.2	2093.8	2175.6	2184.7	2192.8
60°	1271.7	1270.8	1255.4	1370.7	1475.2	1641.4	1824.0	1955.7	2034.8	2043.0	2053.9
62.5°	1141.8	1139.1	1125.5	1231.8	1329.9	1494.3	1677.8	1805.0	1880.4	1885.8	1900.3
65°	1012.8	1010.1	997.4	1095.5	1184.5	1341.7	1521.5	1642.4	1710.5	1717.8	1715.0
67.5°	885.7	880.2	870.2	958.3	1039.2	1184.5	1357.1	1472.5	1528.8	1535.2	1552.4
70°	758.5	752.1	729.4	823.0	893.8	1023.7	1184.5	1287.2	1334.4	1340.8	1338.0
72.5°	633.1	626.8	602.3	688.6	748.5	862.1	1005.6	1091.0	1131.8	1137.3	1137.3
75°	511.4	507.8	492.3	557.7	607.7	700.4	822.1	892.9	924.7	931.1	929.3
77.5°	394.2	391.5	376.1	432.4	471.5	540.5	638.6	694.0	717.6	724.9	740.3
80°	282.5	281.6	257.1	312.5	329.7	387.9	459.6	502.3	515.1	525.0	535.9
82.5°	180.8	181.7	157.2	204.4	211.7	248.9	293.4	319.8	328.8	337.0	345.2
85°	88.1	91.7	78.1	108.1	109.0	128.1	147.2	157.2	160.8	167.1	174.4
87.5°	22.7	26.3	14.5	30.9	27.3	35.4	40.9	43.6	42.7	47.2	50.0
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):

	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°	285°
0°	3894.2	3894.2	3894.2	3894.2	3894.2	3894.2	3894.2	3894.2	3894.2	3894.2	3894.2
2.5°	3811.6	3840.6	3826.1	3873.3	3891.5	3862.4	3913.3	3914.2	3877.9	3920.6	3944.2
5°	3752.5	3782.5	3773.4	3822.5	3845.2	3819.7	3881.5	3893.3	3857.9	3906.0	3944.2
7.5°	3692.6	3728.0	3716.2	3766.2	3793.4	3773.4	3839.7	3858.8	3831.6	3884.2	3935.1
10°	3640.8	3670.8	3658.1	3710.7	3734.4	3718.0	3783.4	3818.8	3793.4	3857.9	3918.8
12.5°	3589.9	3614.5	3599.9	3643.5	3666.2	3645.3	3725.3	3758.0	3739.8	3807.0	3885.2
15°	3524.5	3551.8	3531.8	3570.9	3588.1	3569.9	3635.3	3691.7	3669.0	3742.5	3828.8
17.5°	3474.6	3490.0	3462.8	3493.6	3503.6	3479.1	3545.4	3600.8	3584.5	3664.4	3764.3
20°	3419.2	3431.9	3393.7	3411.0	3410.1	3379.2	3440.0	3494.5	3483.6	3571.8	3685.3
22.5°	3357.4	3363.7	3319.2	3322.9	3321.0	3270.2	3324.7	3380.1	3375.5	3464.6	3591.7
25°	3292.0	3292.9	3235.7	3233.8	3213.9	3153.9	3202.0	3264.7	3251.1	3347.4	3480.9
27.5°	3227.5	3218.4	3149.4	3133.0	3101.2	3029.5	3072.2	3128.5	3120.3	3214.8	3362.8
30°	3158.4	3146.6	3062.2	3032.2	2985.9	2903.2	2938.6	2991.3	2995.8	3078.5	3233.8
32.5°	3093.0	3063.1	2969.5	2925.9	2867.8	2771.5	2790.6	2844.1	2851.4	2935.0	3094.9
35°	3008.6	2988.6	2873.2	2798.7	2741.5	2636.1	2656.1	2693.4	2704.3	2786.0	2948.6
37.5°	2928.6	2896.8	2774.2	2683.4	2609.8	2499.0	2504.4	2542.6	2553.5	2636.1	2796.9
40°	2846.0	2800.5	2668.8	2562.5	2478.1	2361.8	2355.4	2395.4	2403.6	2484.4	2629.8
42.5°	2757.8	2703.3	2555.3	2439.0	2341.8	2223.7	2211.0	2245.5	2254.6	2333.6	2476.3
45°	2668.8	2603.4	2439.0	2311.8	2205.6	2084.7	2072.0	2098.4	2112.0	2186.5	2323.6
47.5°	2574.4	2498.1	2319.1	2177.4	2067.5	1946.7	1931.2	1957.6	1968.5	2042.0	2171.9
50°	2475.3	2382.7	2195.6	2039.3	1930.3	1811.3	1788.6	1819.5	1829.5	1898.5	2025.7
52.5°	2366.3	2263.7	2063.8	1900.3	1791.3	1677.8	1650.5	1680.5	1692.3	1759.5	1876.7
55°	2251.0	2140.1	1931.2	1772.3	1654.2	1543.3	1520.6	1532.4	1557.9	1621.5	1730.5
57.5°	2121.1	2011.2	1791.3	1629.6	1516.1	1409.8	1390.7	1401.6	1425.3	1487.0	1585.1
60°	1983.0	1866.7	1648.7	1487.0	1377.1	1276.3	1259.0	1269.0	1294.4	1350.8	1441.6
62.5°	1846.7	1715.9	1501.6	1340.8	1240.9	1147.3	1142.7	1139.1	1162.7	1217.2	1297.2
65°	1681.4	1556.1	1348.0	1195.4	1104.6	1020.1	1001.9	1010.1	1032.8	1082.8	1166.4
67.5°	1504.3	1390.7	1190.9	1050.1	969.2	893.8	878.4	882.0	905.7	949.3	1021.9
70°	1316.2	1216.3	1030.1	903.8	835.7	764.9	754.9	755.8	778.5	816.6	880.2
72.5°	1119.1	1029.2	867.5	759.4	703.1	652.2	643.1	632.2	653.1	685.8	740.3
75°	918.4	839.3	705.8	617.7	573.2	530.5	522.3	511.4	532.3	560.5	603.2
77.5°	715.8	652.2	548.7	480.5	446.0	414.2	407.0	395.1	416.0	436.9	470.5
80°	517.8	471.5	409.7	337.9	326.1	305.2	297.9	285.2	305.2	318.8	344.3
82.5°	334.3	303.4	268.0	218.0	216.2	200.8	197.1	182.6	200.8	208.9	228.0
85°	169.0	154.4	145.3	110.8	114.5	104.5	103.6	88.1	102.6	106.3	117.2
87.5°	48.1	50.9	45.4	27.3	34.5	32.7	32.7	23.6	32.7	32.7	37.2
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: P838100

CATALOG NUMBER: ORLG-24-4-INS-ASY2R-LD4-4LO-35-120-EDD

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	3894.2	3894.2	3894.2	3894.2	3894.2	3894.2	3894.2	3894.2
2.5°	3897.9	3913.3	3916.9	3916.0	3926.0	3980.5	3962.4	3980.5
5°	3907.0	3941.5	3950.6	3963.3	3979.6	4041.4	4021.4	4043.2
7.5°	3912.4	3964.2	3984.2	4008.7	4035.0	4104.1	4087.7	4109.5
10°	3912.4	3979.6	4008.7	4049.6	4085.0	4164.9	4149.5	4174.9
12.5°	3896.1	3982.3	4023.2	4080.5	4125.9	4212.2	4205.8	4224.0
15°	3862.4	3968.7	4025.0	4098.6	4154.9	4251.2	4248.5	4270.3
17.5°	3817.0	3945.1	4013.2	4105.9	4176.7	4284.8	4291.2	4303.0
20°	3759.8	3900.6	3989.6	4103.2	4192.2	4311.2	4319.4	4335.7
22.5°	3684.4	3847.0	3954.2	4091.4	4194.0	4322.1	4336.6	4352.1
25°	3595.4	3782.5	3907.9	4068.6	4184.9	4321.2	4341.2	4354.8
27.5°	3493.6	3698.9	3848.8	4032.3	4159.5	4306.6	4331.2	4347.5
30°	3375.5	3609.9	3781.6	3985.1	4125.0	4279.4	4305.7	4322.1
32.5°	3253.8	3511.8	3701.7	3924.2	4075.0	4235.8	4258.5	4271.2
35°	3121.2	3392.8	3605.4	3846.1	4010.5	4165.8	4183.1	4196.7
37.5°	2976.8	3263.8	3495.5	3758.0	3919.7	4068.6	4084.1	4099.5
40°	2827.8	3128.5	3371.9	3649.9	3811.6	3949.6	3966.0	3976.9
42.5°	2677.9	2978.6	3240.2	3522.7	3683.5	3816.1	3826.1	3837.0
45°	2526.2	2823.3	3092.1	3381.9	3540.9	3665.3	3669.0	3678.0
47.5°	2371.8	2662.5	2929.5	3221.1	3378.3	3491.8	3495.5	3502.7
50°	2216.5	2501.7	2756.0	3047.6	3201.1	3321.0	3304.7	3312.0
52.5°	2063.8	2332.7	2592.5	2860.5	3012.2	3118.5	3123.0	3108.5
55°	1914.0	2167.4	2406.3	2664.3	2808.7	2891.4	2888.7	2894.1
57.5°	1762.3	2000.3	2219.2	2455.4	2596.2	2674.3	2690.6	2671.6
60°	1607.8	1831.3	2027.5	2241.0	2377.2	2442.6	2461.7	2443.5
62.5°	1454.3	1659.6	1837.7	2023.9	2150.1	2231.0	2229.2	2209.2
65°	1300.8	1487.0	1646.0	1804.0	1914.0	1994.8	1991.2	1973.0
67.5°	1159.1	1312.6	1455.2	1583.3	1678.7	1734.1	1753.2	1731.4
70°	1002.9	1135.5	1260.8	1363.5	1442.5	1492.5	1510.6	1491.6
72.5°	846.6	959.3	1047.4	1146.4	1207.2	1249.0	1268.1	1249.9
75°	692.2	784.8	856.6	933.8	976.5	1011.9	1033.7	1015.6
77.5°	542.3	614.1	671.3	727.6	776.7	784.8	803.9	792.1
80°	399.7	451.5	493.3	530.5	565.9	569.6	585.0	577.7
82.5°	266.2	300.7	311.6	350.6	373.3	369.7	385.2	379.7
85°	140.8	161.7	180.8	192.6	205.3	193.5	207.1	201.7
87.5°	47.2	50.0	43.6	61.8	68.1	58.1	66.3	63.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)