

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: P837856

Luminaire Tested: **ORLG-24-2-INS-ASY2R-LD4-6HI-27-120-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: P837856
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-LD4-6HI-27-120-EDD
Description: 2FT x 2FT ORL LED LUMINAIRE WITH asymmetric/symmetric lens v2 and
RFI grid
Light Source: 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

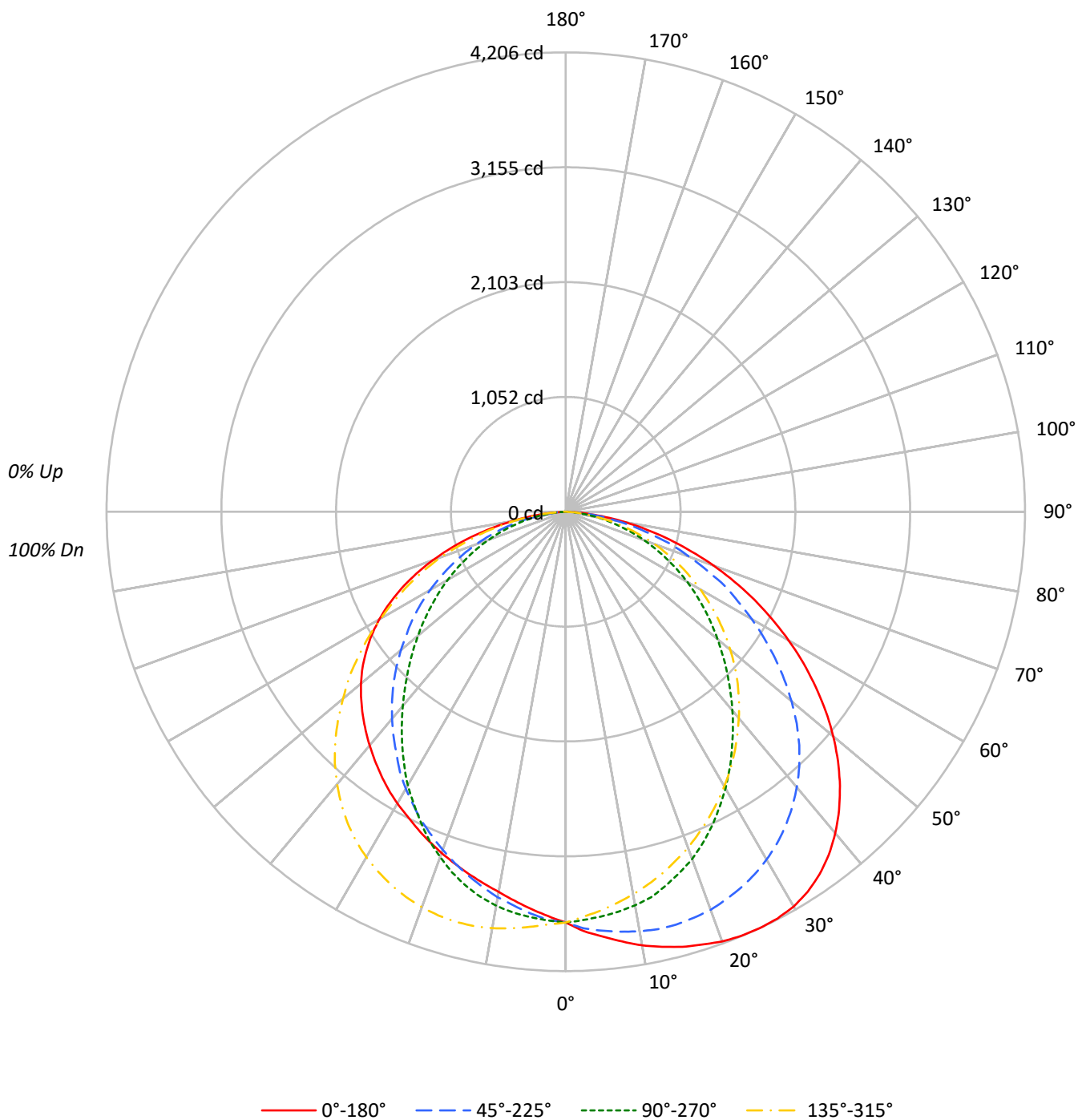
Lumens per Lamp: N/A
Luminaire Lumens: 11033.4 lumens
Efficiency: N/A
Efficacy: 83.6 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.16 / 1.4
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 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°	10120	10120	10120	10120
5°	10547	10047	9858	10064
10°	11017	9996	9658	10010
15°	11489	9869	9563	9871
20°	11991	9689	9521	9634
25°	12487	9418	9520	9322
30°	12969	9091	9584	8990
35°	13314	8717	9680	8579
40°	13491	8342	9815	8154
45°	13517	7962	10005	7762
50°	13390	7598	10250	7397
55°	13112	7260	10478	7058
60°	12700	6907	10618	6728
65°	12132	6502	10563	6351
70°	11333	6025	10187	5915
75°	10198	5372	9349	5345
80°	8646	4500	7857	4568
85°	6011	2979	4983	3060

Classified

Scaled Data Report

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	357.1	3.2
10°-20°	1033.9	9.4
20°-30°	1584.6	14.4
30°-40°	1926.7	17.5
40°-50°	2003.0	18.2
50°-60°	1809.3	16.4
60°-70°	1375.5	12.5
70°-80°	766.8	7.0
80°-90°	176.6	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°	2975.6	27.0
0°-40°	4902.3	44.4
0°-60°	8714.5	79.0
0°-90°	11033.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11033.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3761	3761	3761	3761	3761	
5°	3905	3720	3649	3726	3905	377
15°	4124	3542	3433	3543	4124	1169
25°	4206	3172	3206	3140	4206	1942
35°	4053	2654	2947	2612	4053	2531
45°	3552	2092	2629	2040	3552	2735
55°	2795	1547	2233	1504	2795	2495
65°	1905	1021	1659	997	1905	1883
75°	981	517	899	514	981	1042
85°	195	96	161	99	195	245
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°	3760.7	3760.7	3760.7	3760.7	3760.7	3760.7	3760.7	3760.7	3760.7	3760.7	3760.7
2.5°	3844.1	3787.9	3788.8	3837.9	3800.2	3818.6	3766.0	3786.2	3780.0	3784.4	3741.4
5°	3904.6	3844.1	3843.2	3885.3	3843.2	3851.1	3784.4	3797.6	3778.3	3766.0	3719.5
7.5°	3968.6	3908.1	3902.0	3938.8	3883.5	3877.4	3803.7	3803.7	3768.6	3737.9	3694.1
10°	4031.8	3969.5	3961.6	3989.7	3921.3	3901.1	3811.6	3797.6	3751.1	3705.5	3658.1
12.5°	4079.2	4016.0	4009.9	4027.4	3950.2	3913.4	3811.6	3784.4	3716.0	3651.9	3615.1
15°	4123.9	4059.0	4042.3	4051.1	3962.5	3913.4	3799.3	3757.2	3669.5	3585.3	3542.3
17.5°	4155.5	4093.2	4076.5	4075.6	3968.6	3898.4	3773.0	3715.1	3609.8	3508.1	3465.1
20°	4187.1	4124.8	4103.7	4087.9	3966.9	3878.3	3734.4	3656.3	3533.5	3419.5	3383.5
22.5°	4202.8	4138.8	4116.0	4092.3	3955.5	3841.4	3687.0	3587.9	3447.5	3311.6	3281.7
25°	4205.5	4139.7	4115.1	4080.9	3932.7	3797.6	3625.6	3505.4	3348.4	3197.5	3172.1
27.5°	4198.5	4126.5	4102.0	4060.7	3898.4	3744.1	3552.8	3411.6	3243.2	3076.5	3049.3
30°	4173.9	4101.1	4077.4	4023.9	3850.2	3678.3	3473.0	3307.2	3126.5	2949.3	2925.6
32.5°	4124.8	4053.7	4034.4	3980.9	3797.6	3601.9	3380.0	3194.9	2997.5	2828.2	2793.1
35°	4052.8	3981.8	3969.5	3913.4	3723.9	3510.7	3278.2	3072.1	2860.7	2687.9	2653.6
37.5°	3959.0	3899.3	3880.9	3825.6	3637.0	3407.2	3161.6	2938.7	2721.2	2535.2	2514.2
40°	3840.5	3784.4	3770.4	3721.2	3536.1	3292.3	3035.2	2801.0	2577.3	2404.5	2374.7
42.5°	3705.5	3652.8	3644.9	3594.0	3411.6	3165.1	2898.4	2658.0	2427.3	2260.6	2230.8
45°	3551.9	3501.1	3499.3	3451.1	3275.6	3023.8	2754.5	2513.3	2280.8	2108.0	2092.2
47.5°	3382.6	3337.0	3337.0	3292.3	3123.8	2868.6	2606.3	2362.4	2133.4	1980.8	1952.7
50°	3198.4	3155.4	3142.3	3120.3	2956.3	2699.3	2450.1	2215.0	1987.8	1842.2	1815.0
52.5°	3001.9	2965.1	2973.8	2933.5	2774.7	2522.9	2292.2	2049.2	1841.3	1708.9	1681.7
55°	2794.9	2742.2	2750.1	2735.2	2585.2	2341.3	2115.0	1912.4	1697.5	1572.9	1547.4
57.5°	2580.0	2511.5	2539.6	2530.8	2383.5	2155.4	1952.7	1757.1	1554.5	1439.5	1415.0
60°	2359.8	2294.0	2322.9	2315.0	2176.4	1969.4	1785.2	1603.6	1412.4	1308.0	1283.4
62.5°	2133.4	2072.9	2099.2	2093.1	1965.9	1779.0	1618.5	1451.8	1269.4	1175.5	1152.7
65°	1905.4	1847.5	1871.1	1866.8	1749.2	1607.1	1447.4	1294.8	1125.5	1043.9	1021.1
67.5°	1672.0	1618.5	1640.4	1640.4	1532.5	1396.6	1275.5	1136.0	984.3	914.1	893.0
70°	1440.4	1390.4	1409.7	1408.0	1316.7	1206.2	1101.8	977.2	841.3	783.4	765.8
72.5°	1207.1	1163.2	1180.8	1179.0	1102.7	1031.6	928.1	820.2	701.8	655.3	639.5
75°	980.8	939.5	956.2	954.4	892.2	825.5	756.2	666.7	564.9	532.5	516.7
77.5°	765.0	722.8	736.9	736.9	691.3	643.0	587.7	518.4	446.5	411.4	400.0
80°	557.9	537.7	530.7	531.6	500.9	469.3	441.3	374.6	321.9	298.3	290.4
82.5°	366.7	350.0	343.0	344.8	327.2	307.9	290.4	243.9	208.8	194.7	190.4
85°	194.7	182.5	176.3	180.7	177.2	166.7	157.9	126.3	104.4	99.1	96.5
87.5°	61.4	53.5	49.1	64.9	55.3	49.1	47.4	37.7	28.9	28.9	28.1
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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TEST NUMBER: P837856

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CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°	185°
0°	3760.7	3760.7	3760.7	3760.7	3760.7	3760.7	3760.7	3760.7	3760.7	3760.7	3760.7
2.5°	3755.5	3755.5	3721.2	3713.4	3709.8	3714.2	3680.0	3673.9	3723.0	3706.3	3668.6
5°	3725.6	3723.9	3675.6	3666.9	3666.9	3661.6	3623.0	3614.2	3663.3	3649.3	3608.1
7.5°	3688.8	3683.5	3626.5	3620.4	3611.6	3608.1	3565.1	3559.0	3601.1	3592.3	3553.7
10°	3644.0	3638.8	3571.2	3566.9	3557.2	3550.2	3509.8	3505.4	3548.4	3534.4	3503.7
12.5°	3585.3	3575.6	3506.3	3501.9	3494.0	3491.4	3451.9	3450.2	3497.5	3483.5	3451.1
15°	3508.1	3500.2	3423.0	3424.7	3425.6	3425.6	3394.0	3392.3	3438.8	3432.6	3397.5
17.5°	3423.0	3412.5	3338.8	3344.0	3350.2	3357.2	3332.6	3337.0	3386.1	3378.2	3346.7
20°	3326.5	3316.0	3244.0	3258.9	3272.1	3286.1	3270.3	3282.6	3328.2	3324.7	3301.0
22.5°	3218.6	3208.1	3141.4	3164.2	3186.1	3212.4	3205.4	3219.5	3267.7	3266.8	3245.8
25°	3087.0	3089.6	3030.9	3058.9	3095.8	3132.6	3135.3	3158.1	3211.6	3206.3	3187.0
27.5°	2964.2	2967.7	2905.4	2952.8	3001.9	3049.3	3060.7	3092.3	3146.7	3142.3	3125.6
30°	2835.2	2839.6	2779.1	2844.0	2903.7	2961.6	2986.1	3029.1	3084.4	3084.4	3066.8
32.5°	2701.0	2708.9	2645.8	2732.6	2801.9	2869.4	2912.4	2957.2	3020.3	3018.6	3003.7
35°	2563.3	2572.1	2514.2	2624.7	2694.0	2776.5	2830.0	2889.6	2945.8	2946.6	2935.2
37.5°	2422.9	2433.5	2380.8	2501.9	2580.8	2678.2	2746.6	2806.3	2868.6	2872.1	2861.6
40°	2283.5	2294.9	2249.2	2365.9	2465.9	2574.7	2653.6	2723.8	2792.2	2794.0	2787.0
42.5°	2144.0	2156.3	2122.0	2236.1	2349.2	2465.9	2558.9	2638.7	2708.9	2713.3	2705.4
45°	2008.0	2018.5	1994.0	2118.5	2227.3	2354.5	2461.5	2551.9	2622.9	2629.1	2626.5
47.5°	1872.9	1882.6	1860.6	1974.7	2100.1	2235.2	2358.9	2458.9	2534.3	2541.4	2539.6
50°	1740.4	1748.3	1724.7	1844.0	1968.5	2112.4	2241.3	2357.1	2441.4	2448.4	2447.5
52.5°	1608.9	1616.8	1596.6	1722.0	1835.2	1986.9	2127.3	2252.7	2336.1	2346.6	2348.4
55°	1481.7	1485.2	1469.4	1589.6	1699.2	1858.0	2019.4	2141.3	2224.7	2233.4	2238.7
57.5°	1354.5	1355.3	1342.2	1457.1	1562.4	1724.7	1894.0	2022.0	2101.0	2109.8	2117.7
60°	1228.1	1227.3	1212.3	1323.8	1424.6	1585.2	1761.5	1888.7	1965.0	1972.9	1983.4
62.5°	1102.7	1100.1	1086.9	1189.5	1284.3	1443.1	1620.3	1743.1	1815.9	1821.1	1835.2
65°	978.1	975.5	963.2	1057.9	1143.9	1295.7	1469.4	1586.0	1651.8	1658.9	1656.2
67.5°	855.3	850.0	840.4	925.5	1003.6	1143.9	1310.6	1422.0	1476.4	1482.5	1499.2
70°	732.5	726.4	704.4	794.8	863.2	988.6	1143.9	1243.0	1288.7	1294.8	1292.2
72.5°	611.4	605.3	581.6	664.9	722.8	832.5	971.1	1053.6	1093.0	1098.3	1098.3
75°	493.9	490.4	475.5	538.6	586.9	676.4	793.9	862.3	893.0	899.2	897.4
77.5°	380.7	378.1	363.2	417.6	455.3	522.0	616.7	670.2	693.0	700.0	714.9
80°	272.8	271.9	248.3	301.8	318.4	374.6	443.9	485.1	497.4	507.0	517.6
82.5°	174.6	175.4	151.8	197.4	204.4	240.4	283.3	308.8	317.6	325.5	333.4
85°	85.1	88.6	75.4	104.4	105.3	123.7	142.1	151.8	155.3	161.4	168.4
87.5°	21.9	25.4	14.0	29.8	26.3	34.2	39.5	42.1	41.2	45.6	48.2
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°	3760.7	3760.7	3760.7	3760.7	3760.7	3760.7	3760.7	3760.7	3760.7	3760.7	3760.7
2.5°	3680.9	3709.0	3694.9	3740.5	3758.1	3730.0	3779.1	3780.0	3744.9	3786.2	3809.0
5°	3623.9	3652.8	3644.0	3691.4	3713.4	3688.8	3748.4	3759.8	3725.6	3772.1	3809.0
7.5°	3566.0	3600.2	3588.8	3637.0	3663.3	3644.0	3708.1	3726.5	3700.2	3751.1	3800.2
10°	3516.0	3544.9	3532.6	3583.5	3606.3	3590.5	3653.7	3687.9	3663.3	3725.6	3784.4
12.5°	3466.8	3490.5	3476.5	3518.6	3540.5	3520.4	3597.6	3629.1	3611.6	3676.5	3751.9
15°	3403.7	3430.0	3410.7	3448.4	3465.1	3447.5	3510.7	3565.1	3543.2	3614.2	3697.6
17.5°	3355.4	3370.3	3344.0	3373.9	3383.5	3359.8	3423.9	3477.4	3461.6	3538.8	3635.3
20°	3301.9	3314.2	3277.4	3294.0	3293.2	3263.3	3322.1	3374.7	3364.2	3449.3	3559.0
22.5°	3242.3	3248.4	3205.4	3208.9	3207.2	3158.1	3210.7	3264.2	3259.8	3345.8	3468.6
25°	3179.1	3180.0	3124.7	3123.0	3103.7	3045.8	3092.3	3152.8	3139.6	3232.6	3361.6
27.5°	3116.8	3108.1	3041.4	3025.6	2994.9	2925.6	2966.8	3021.2	3013.3	3104.5	3247.5
30°	3050.2	3038.8	2957.2	2928.2	2883.5	2803.7	2837.9	2888.7	2893.1	2973.0	3123.0
32.5°	2987.0	2958.0	2867.7	2825.6	2769.4	2676.5	2694.9	2746.6	2753.7	2834.4	2988.8
35°	2905.4	2886.1	2774.7	2702.8	2647.5	2545.7	2565.0	2601.0	2611.5	2690.5	2847.5
37.5°	2828.2	2797.5	2679.1	2591.4	2520.3	2413.3	2418.5	2455.4	2465.9	2545.7	2701.0
40°	2748.4	2704.5	2577.3	2474.7	2393.1	2280.8	2274.7	2313.3	2321.2	2399.2	2539.6
42.5°	2663.3	2610.7	2467.7	2355.4	2261.5	2147.5	2135.2	2168.5	2177.3	2253.6	2391.4
45°	2577.3	2514.2	2355.4	2232.6	2129.9	2013.3	2001.0	2026.4	2039.6	2111.5	2244.0
47.5°	2486.1	2412.4	2239.6	2102.7	1996.6	1879.9	1865.0	1890.4	1901.0	1972.0	2097.5
50°	2390.5	2301.0	2120.3	1969.4	1864.1	1749.2	1727.3	1757.1	1766.8	1833.4	1956.2
52.5°	2285.2	2186.1	1993.1	1835.2	1729.9	1620.3	1593.9	1622.9	1634.3	1699.2	1812.4
55°	2173.8	2066.8	1865.0	1711.5	1597.5	1490.4	1468.5	1479.9	1504.5	1565.9	1671.1
57.5°	2048.4	1942.2	1729.9	1573.8	1464.1	1361.5	1343.1	1353.6	1376.4	1436.0	1530.8
60°	1915.0	1802.7	1592.2	1436.0	1329.9	1232.5	1215.9	1225.5	1250.1	1304.5	1392.2
62.5°	1783.4	1657.1	1450.1	1294.8	1198.3	1108.0	1103.6	1100.1	1122.9	1175.5	1252.7
65°	1623.8	1502.7	1301.8	1154.4	1066.7	985.1	967.6	975.5	997.4	1045.7	1126.4
67.5°	1452.7	1343.1	1150.1	1014.1	936.0	863.2	848.3	851.8	874.6	916.7	986.9
70°	1271.1	1174.6	994.8	872.9	807.1	738.6	729.0	729.9	751.8	788.6	850.0
72.5°	1080.8	993.9	837.8	733.4	679.0	629.9	621.1	610.6	630.7	662.3	714.9
75°	886.9	810.6	681.6	596.5	553.5	512.3	504.4	493.9	514.1	541.3	582.5
77.5°	691.3	629.9	529.9	464.1	430.7	400.0	393.0	381.6	401.8	422.0	454.4
80°	500.0	455.3	395.6	326.3	314.9	294.8	287.7	275.5	294.8	307.9	332.5
82.5°	322.8	293.0	258.8	210.5	208.8	193.9	190.4	176.3	193.9	201.8	220.2
85°	163.2	149.1	140.4	107.0	110.5	100.9	100.0	85.1	99.1	102.6	113.2
87.5°	46.5	49.1	43.9	26.3	33.3	31.6	31.6	22.8	31.6	31.6	36.0
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: P837856

CATALOG NUMBER: ORLG-24-2-INS-ASY2R-LD4-6HI-27-120-EDD

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	3760.7	3760.7	3760.7	3760.7	3760.7	3760.7	3760.7	3760.7
2.5°	3764.2	3779.1	3782.7	3781.8	3791.4	3844.1	3826.5	3844.1
5°	3773.0	3806.3	3815.1	3827.4	3843.2	3902.8	3883.5	3904.6
7.5°	3778.3	3828.3	3847.6	3871.3	3896.7	3963.4	3947.6	3968.6
10°	3778.3	3843.2	3871.3	3910.7	3944.9	4022.1	4007.2	4031.8
12.5°	3762.5	3845.8	3885.3	3940.6	3984.4	4067.8	4061.6	4079.2
15°	3730.0	3832.7	3887.0	3958.1	4012.5	4105.5	4102.8	4123.9
17.5°	3686.2	3809.8	3875.6	3965.1	4033.5	4137.9	4144.1	4155.5
20°	3630.9	3766.9	3852.8	3962.5	4048.5	4163.4	4171.3	4187.1
22.5°	3558.1	3715.1	3818.6	3951.1	4050.2	4173.9	4187.9	4202.8
25°	3472.1	3652.8	3773.9	3929.2	4041.4	4173.0	4192.3	4205.5
27.5°	3373.9	3572.1	3716.9	3894.1	4016.9	4159.0	4182.7	4198.5
30°	3259.8	3486.1	3651.9	3848.4	3983.5	4132.7	4158.1	4173.9
32.5°	3142.3	3391.4	3574.7	3789.7	3935.3	4090.6	4112.5	4124.8
35°	3014.2	3276.5	3481.8	3714.2	3873.0	4023.0	4039.7	4052.8
37.5°	2874.7	3151.9	3375.6	3629.1	3785.3	3929.2	3944.1	3959.0
40°	2730.8	3021.2	3256.3	3524.7	3680.9	3814.2	3830.0	3840.5
42.5°	2586.1	2876.5	3129.1	3401.9	3557.2	3685.3	3694.9	3705.5
45°	2439.6	2726.5	2986.1	3266.0	3419.5	3539.7	3543.2	3551.9
47.5°	2290.5	2571.2	2829.1	3110.7	3262.4	3372.1	3375.6	3382.6
50°	2140.5	2415.9	2661.5	2943.1	3091.4	3207.2	3191.4	3198.4
52.5°	1993.1	2252.7	2503.6	2762.4	2908.9	3011.6	3015.9	3001.9
55°	1848.3	2093.1	2323.8	2572.9	2712.4	2792.2	2789.6	2794.9
57.5°	1701.8	1931.7	2143.1	2371.2	2507.1	2582.6	2598.4	2580.0
60°	1552.7	1768.5	1958.0	2164.1	2295.7	2358.9	2377.3	2359.8
62.5°	1404.5	1602.7	1774.7	1954.5	2076.4	2154.5	2152.7	2133.4
65°	1256.2	1436.0	1589.6	1742.2	1848.3	1926.4	1922.9	1905.4
67.5°	1119.4	1267.6	1405.3	1529.0	1621.1	1674.6	1693.1	1672.0
70°	968.5	1096.5	1217.6	1316.7	1393.1	1441.3	1458.8	1440.4
72.5°	817.6	926.4	1011.5	1107.1	1165.8	1206.2	1224.6	1207.1
75°	668.5	757.9	827.2	901.8	943.0	977.2	998.3	980.8
77.5°	523.7	593.0	648.3	702.7	750.0	757.9	776.4	765.0
80°	386.0	436.0	476.3	512.3	546.5	550.0	564.9	557.9
82.5°	257.0	290.4	300.9	338.6	360.5	357.0	371.9	366.7
85°	136.0	156.1	174.6	186.0	198.3	186.9	200.0	194.7
87.5°	45.6	48.2	42.1	59.7	65.8	56.1	64.0	61.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)